

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
 Data File : BM044550.D
 Acq On : 07 Mar 2024 14:36
 Operator : MA/JU
 Sample : P1601-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Quant Time: Mar 07 15:05:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	268614	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.498	136	1203992	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	757006	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.115	188	1628743	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1498415	20.000	ng/u1	0.00
88) Perylene-d12	23.568	264	1496174	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	34012	4.295	ng/uL	-0.01
4) Pyridine-d5	3.669	84	488577	20.960	ng/u1	-0.01
7) Phenol-d5	6.887	99	572114	20.716	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	369585	21.666	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.251	132	432566	21.314	ng/u1	-0.02
15) 4-Methylphenol-d8	8.422	113	433843	20.003	ng/u1	-0.02
21) Nitrobenzene-d5	8.881	128	229863	22.673	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.592	143	246240	22.530	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	409791	22.031	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.651	131	644534	20.863	ng/u1	-0.01
46) Dimethylphthalate-d6	13.786	166	1287194	21.676	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1493202	21.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	255264	20.728	ng/u1	-0.01
60) Fluorene-d10	15.363	176	1121846	22.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	196997	18.633	ng/u1	0.00
73) Anthracene-d10	17.215	188	1621571	20.829	ng/u1	0.00
81) Pyrene-d10	19.515	212	1964756	21.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	1746077	22.203	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	8839	1.078	ng/uL	92
5) Pyridine	3.693	79	94427	3.906	ng/u1#	67
6) Benzaldehyde	6.881	77	70337	5.847	ng/u1	97
8) Phenol	6.916	94	114060	4.047	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.163	93	96668	4.177	ng/u1	96
12) 2-Chlorophenol	7.281	128	88884	4.246	ng/u1	94
13) 2-Methylphenol	8.157	108	80712	3.774	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.245	45	136581	4.469	ng/u1	97
16) Acetophenone	8.545	105	142460	4.235	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.528	70	72669	4.181	ng/u1	97
18) 4-Methylphenol	8.481	108	91943	3.949	ng/u1	99
19) Hexachloroethane	8.781	117	36080	4.208	ng/u1	91
22) Nitrobenzene	8.922	77	108150	4.498	ng/u1	98
23) Isophorone	9.445	82	204822	4.176	ng/u1	98
25) 2-Nitrophenol	9.622	139	52094	4.372	ng/u1	100
26) 2,4-Dimethylphenol	9.681	107	70422	3.248	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.928	93	131381	4.259	ng/u1	99
29) 2,4-Dichlorophenol	10.151	162	84474	4.549	ng/u1	95
30) Naphthalene	10.551	128	303588	4.452	ng/u1	99
32) 4-Chloroaniline	10.675	127	125013	4.197	ng/u1	99
33) Hexachlorobutadiene	10.822	225	49477	4.754	ng/u1	98
34) Caprolactam	11.481	113	29505	4.080	ng/u1	93
35) 4-Chloro-3-methylphenol	11.792	107	87306	4.054	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	203920	4.497	ng/u1	98

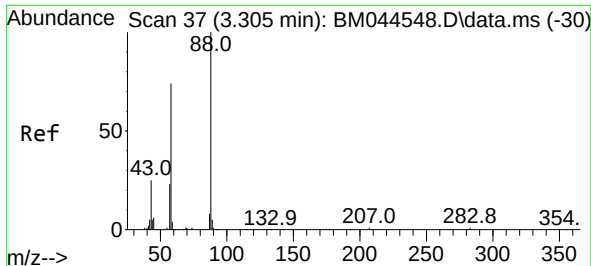
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030624\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	209841	4.691	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.533	216	97959	4.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	54027	3.779	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	59325	3.929	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	66778	4.127	ng/ul	99
43) 1,1'-Biphenyl	13.192	154	263112	4.377	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	205113	4.348	ng/ul	99
45) 2-Nitroaniline	13.451	65	56853	3.839	ng/ul	98
47) Dimethylphthalate	13.833	163	258065	4.271	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	44656	3.700	ng/ul	95
50) Acenaphthylene	14.086	152	350034	4.422	ng/ul	99
51) 3-Nitroaniline	14.286	138	48676	3.734	ng/ul	93
52) Acenaphthene	14.427	153	227212	4.366	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	33519	4.342	ng/ul	94
55) 4-Nitrophenol	14.586	109	39591	4.588	ng/ul	93
56) Dibenzofuran	14.769	168	315789	4.562	ng/ul	94
57) 2,4-Dinitrotoluene	14.745	165	67166	3.855	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.992	232	54396	4.063	ng/ul#	99
59) Diethylphthalate	15.204	149	256353	4.088	ng/ul	98
61) Fluorene	15.416	166	259281	4.580	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	121764	4.634	ng/ul	98
63) 4-Nitroaniline	15.451	138	51439	4.128	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.504	198	51408	4.550	ng/ul#	97
67) N-Nitrosodiphenylamine	15.633	169	208183	4.244	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	71478	4.388	ng/ul	96
69) Hexachlorobenzene	16.410	284	84328	4.545	ng/ul	93
70) Atrazine	16.592	200	81806	5.103	ng/ul	98
71) Pentachlorophenol	16.763	266	58053	4.738	ng/ul	98
72) Phenanthrene	17.163	178	401475	4.345	ng/ul	99
74) Anthracene	17.251	178	389192	4.165	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	94800	4.358	ng/uL	100
76) Pentachlorobenzene	14.674	250	104978	4.991	ng/uL	99
77) Carbazole	17.527	167	365210	4.159	ng/ul	100
78) Di-n-butylphthalate	18.098	149	426176	3.608	ng/ul	99
80) Fluoranthene	19.180	202	445826	4.073	ng/ul	97
82) Pyrene	19.545	202	488892	4.291	ng/ul	97
83) Butylbenzylphthalate	20.462	149	181751	3.244	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	159443	4.919	ng/ul	98
85) Benzo(a)anthracene	21.298	228	460991	4.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	277908	3.402	ng/ul	100
87) Chrysene	21.345	228	429554	4.123	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	464420	3.468	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	419173	4.187	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	428711	4.372	ng/ul	99
93) Benzo(a)pyrene	23.468	252	391884	4.184	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.844	276	409199	3.896	ng/ul	97
95) Dibenzo(a,h)anthracene	25.868	278	343829	3.926	ng/ul	97
96) Benzo(g,h,i)perylene	26.538	276	318677	3.802	ng/ul	99

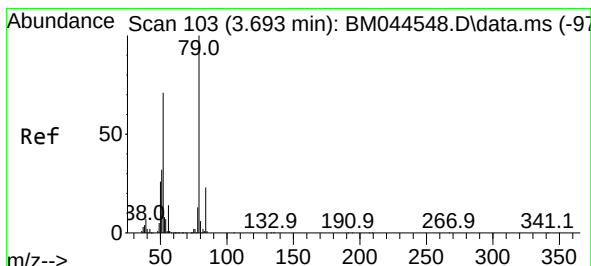
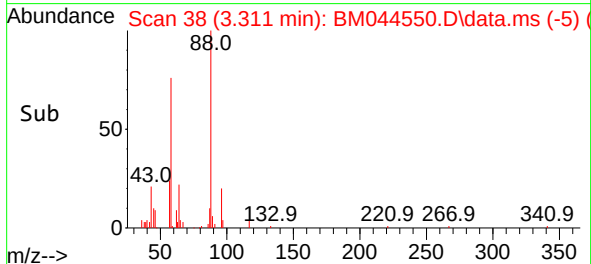
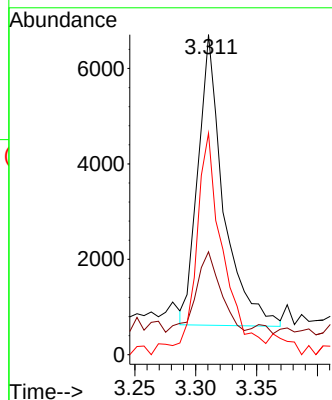
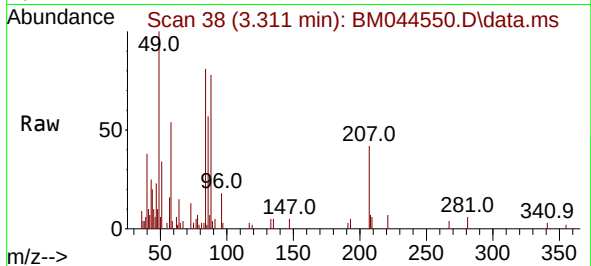
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#2
1,4-Dioxane
Concen: 1.078 ng/uL
RT: 3.311 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044550.D
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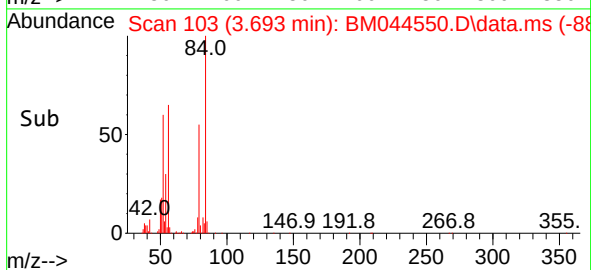
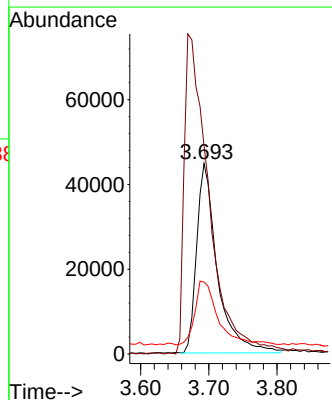
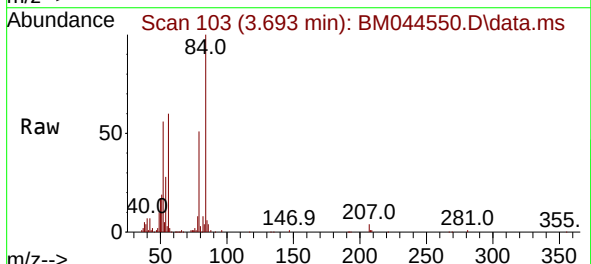
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

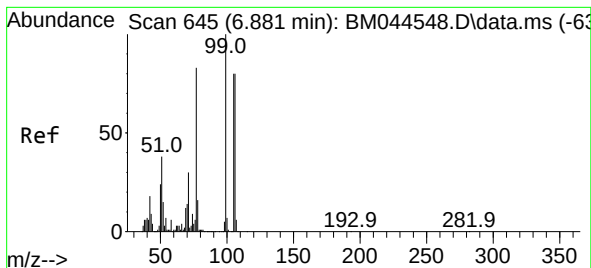
Tgt Ion: 88 Resp: 8839
Ion Ratio Lower Upper
88 100
43 32.2 23.8 35.6
58 69.2 61.6 92.4



#5
Pyridine
Concen: 3.906 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 79 Resp: 94427
Ion Ratio Lower Upper
79 100
52 109.2 57.4 86.0#
51 37.8 26.6 39.8

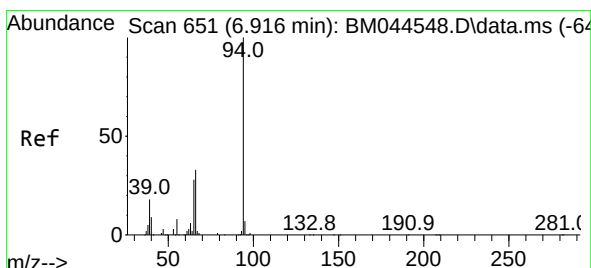
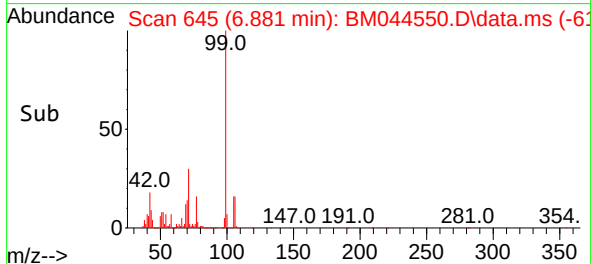
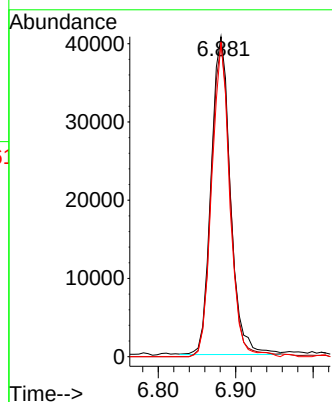
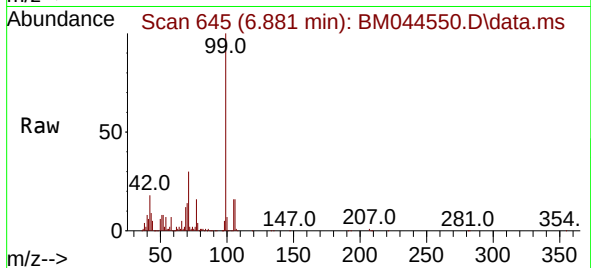




#6
Benzaldehyde
Concen: 5.847 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

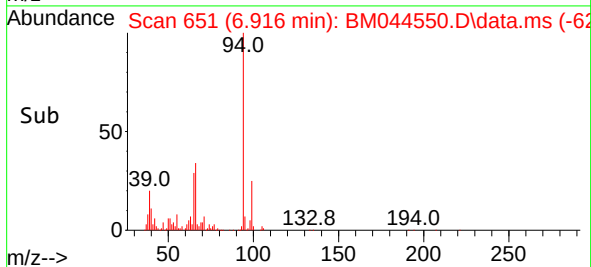
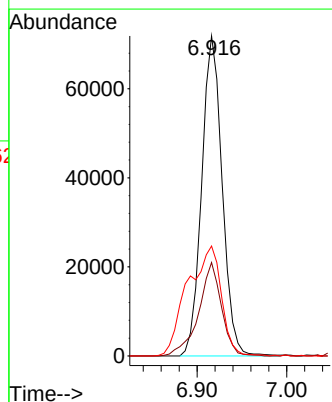
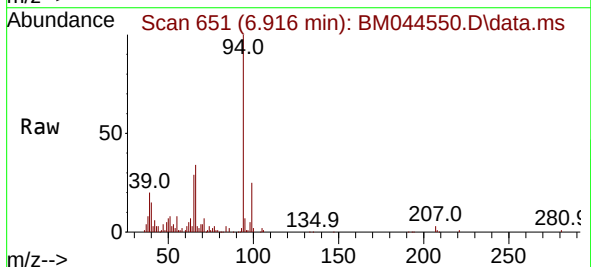
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

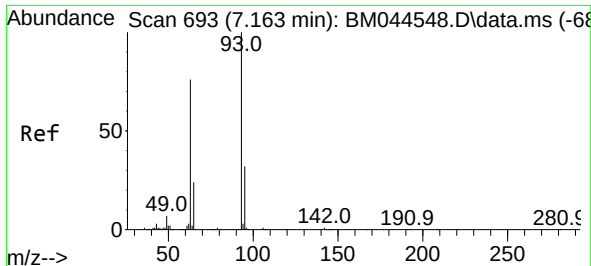
Tgt Ion: 77 Resp: 70337
Ion Ratio Lower Upper
77 100
105 98.1 81.4 122.0
106 98.3 80.2 120.4



#8
Phenol
Concen: 4.047 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 94 Resp: 114060
Ion Ratio Lower Upper
94 100
65 29.2 21.3 31.9
66 34.4 25.4 38.2

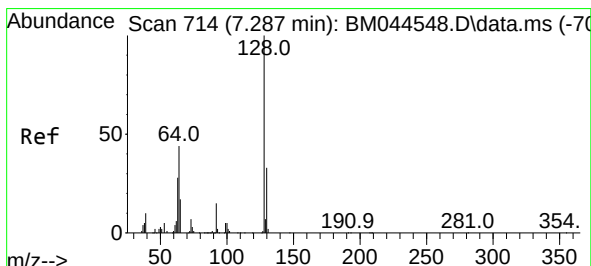
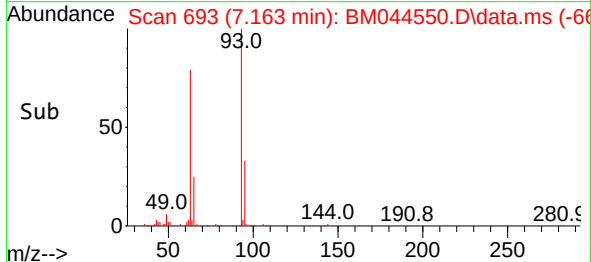
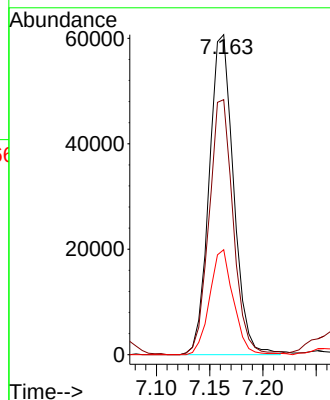
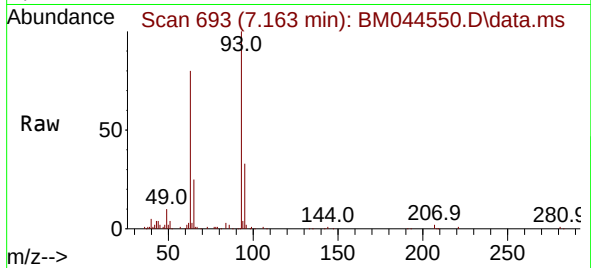




#10
Bis(2-Chloroethyl)ether
Concen: 4.177 ng/ul
RT: 7.163 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

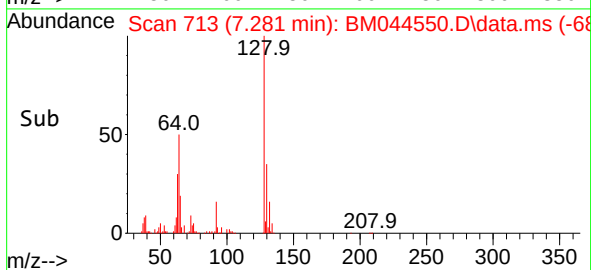
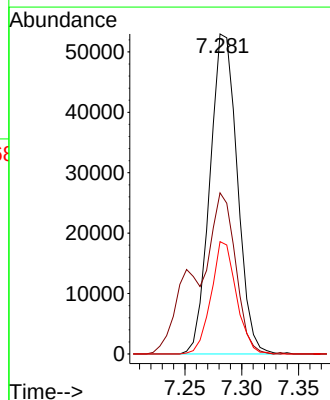
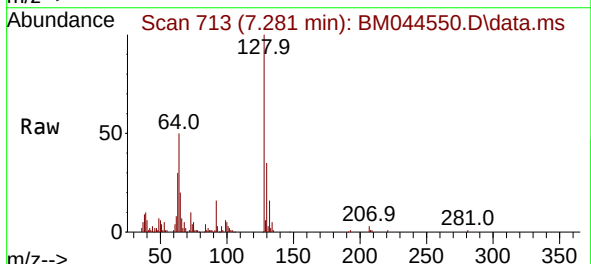
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

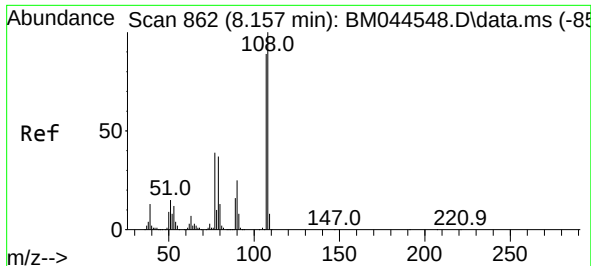
Tgt Ion:	93	Resp:	96668
Ion	Ratio	Lower	Upper
93	100		
63	79.7	60.2	90.4
95	32.8	26.8	40.2



#12
2-Chlorophenol
Concen: 4.246 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:	128	Resp:	88884
Ion	Ratio	Lower	Upper
128	100		
64	50.3	37.4	56.2
130	35.1	25.4	38.0

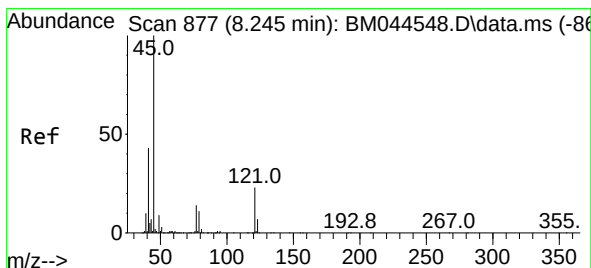
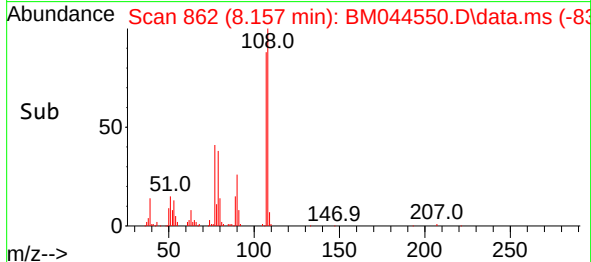
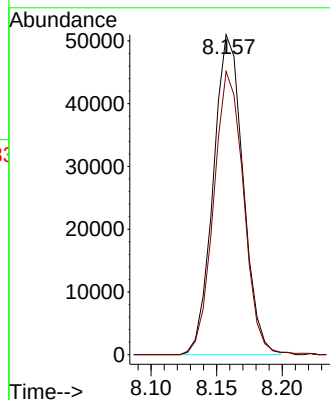
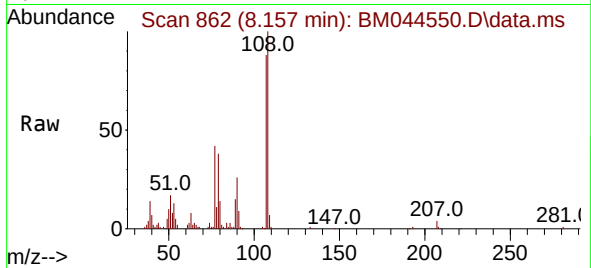




#13
2-Methylphenol
Concen: 3.774 ng/ul
RT: 8.157 min Scan# 862
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

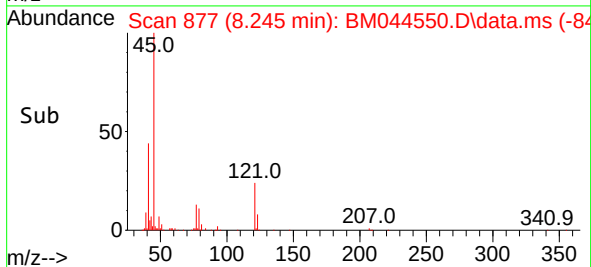
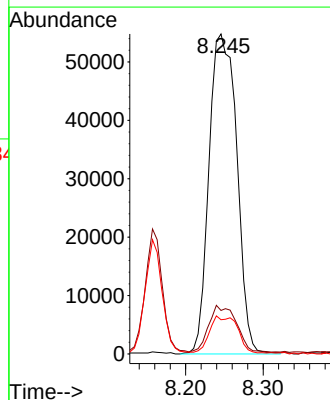
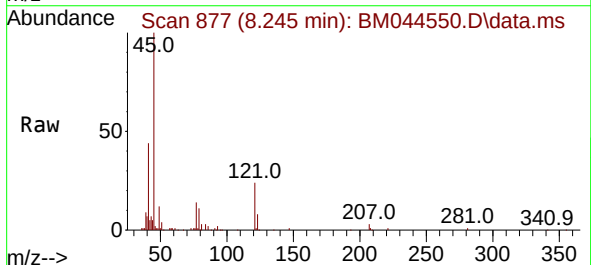
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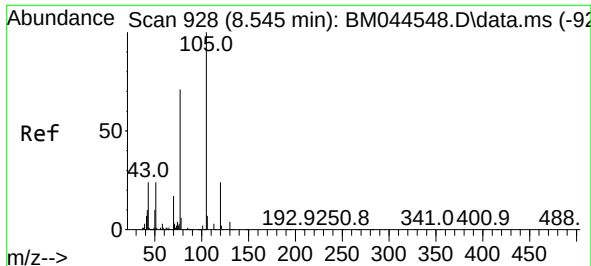
Tgt Ion:108 Resp: 80712
Ion Ratio Lower Upper
108 100
107 88.5 71.7 107.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.469 ng/ul
RT: 8.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 45 Resp: 136581
Ion Ratio Lower Upper
45 100
77 13.6 12.4 18.6
79 10.7 9.0 13.6

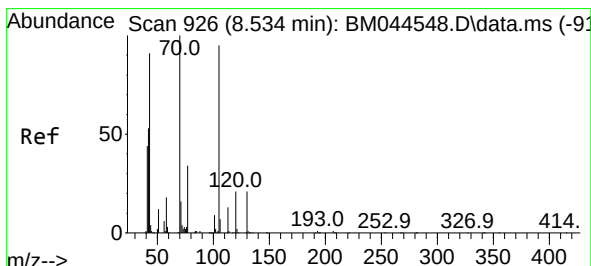
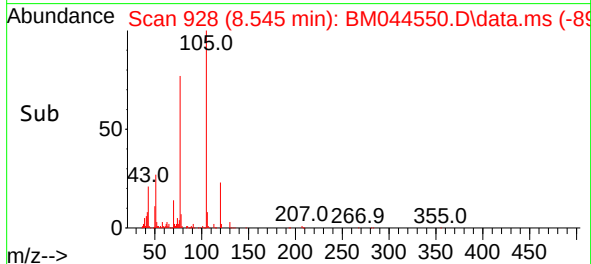
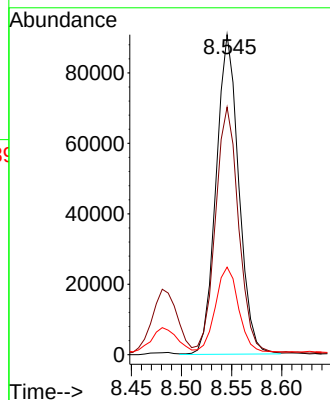
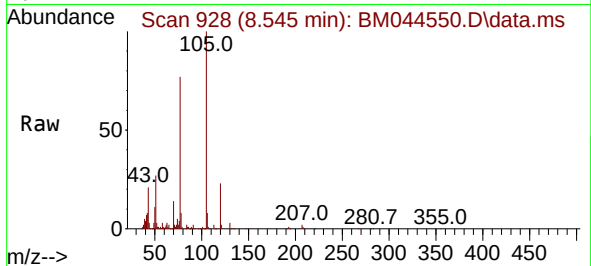




#16
Acetophenone
Concen: 4.235 ng/ul
RT: 8.545 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

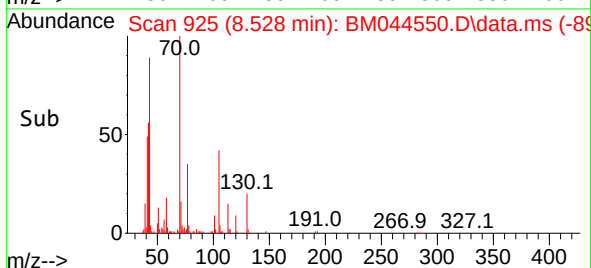
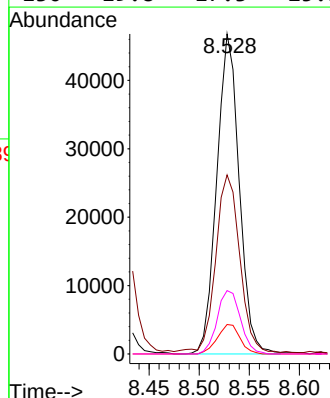
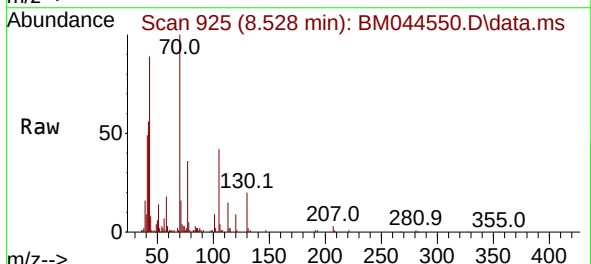
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ClientSampleId :
MDL-WATER-QT1-2024-01

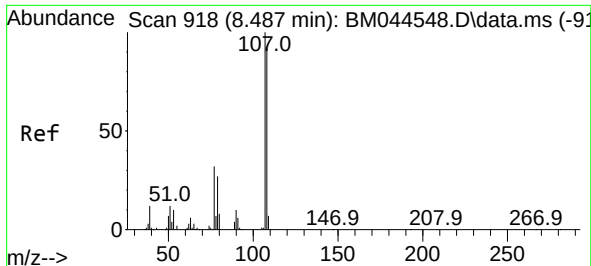
Tgt Ion:105 Resp: 142460
Ion Ratio Lower Upper
105 100
77 77.3 59.5 89.3
51 27.3 20.2 30.4



#17
N-Nitroso-di-n-propylamine
Concen: 4.181 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 70 Resp: 72669
Ion Ratio Lower Upper
70 100
42 55.9 42.7 64.1
101 9.2 7.1 10.7
130 19.8 17.3 25.9

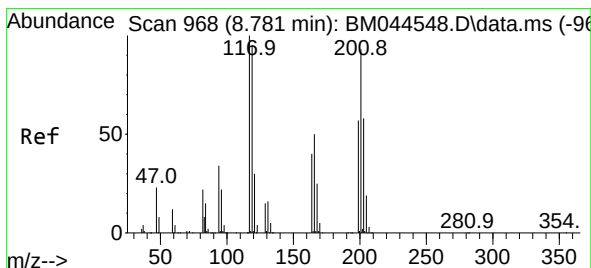
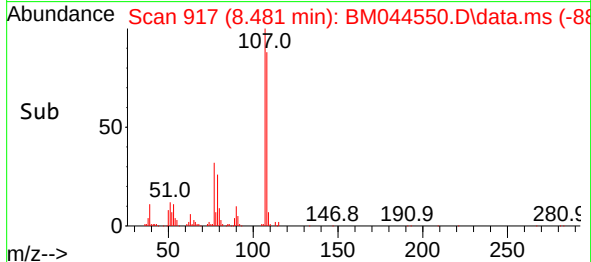
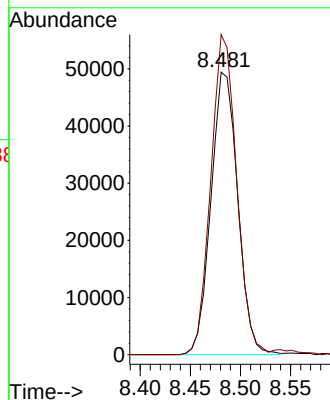
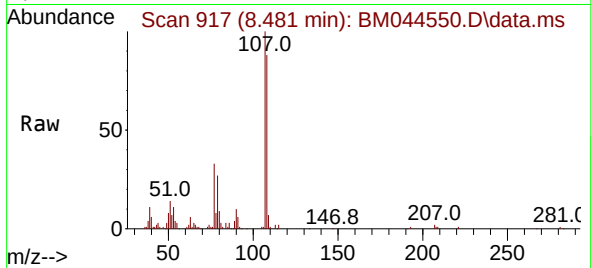




#18
4-Methylphenol
Concen: 3.949 ng/ul
RT: 8.481 min Scan# 918
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

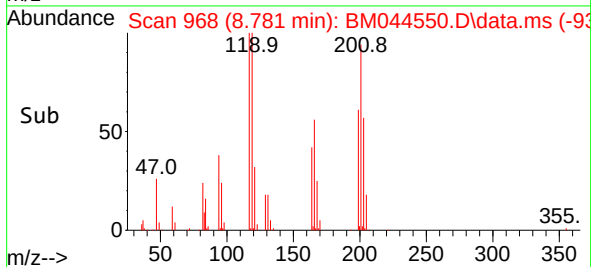
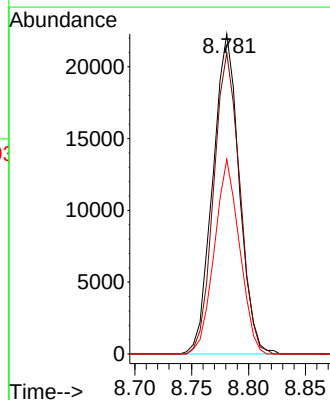
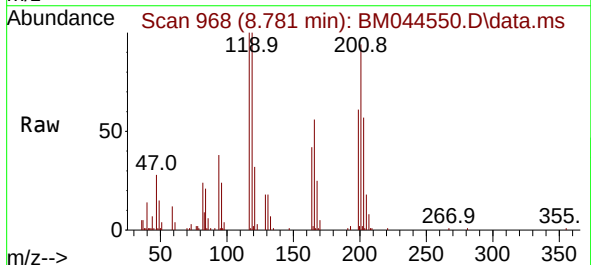
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

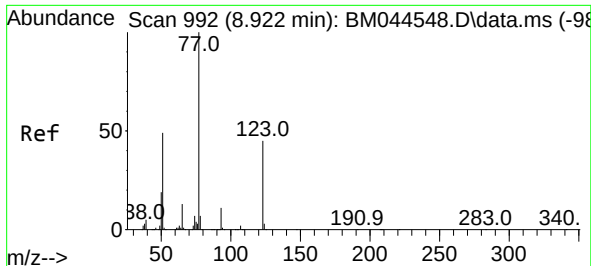
Tgt Ion:108 Resp: 91943
Ion Ratio Lower Upper
108 100
107 113.3 91.8 137.8



#19
Hexachloroethane
Concen: 4.208 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:117 Resp: 36080
Ion Ratio Lower Upper
117 100
201 94.1 69.0 103.6
199 62.5 44.4 66.6

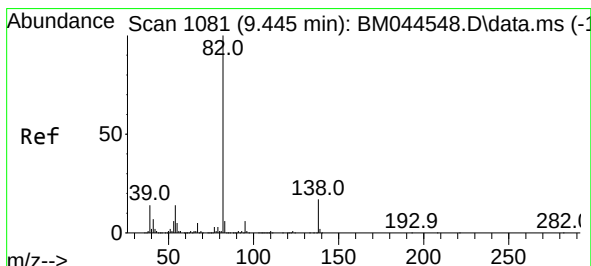
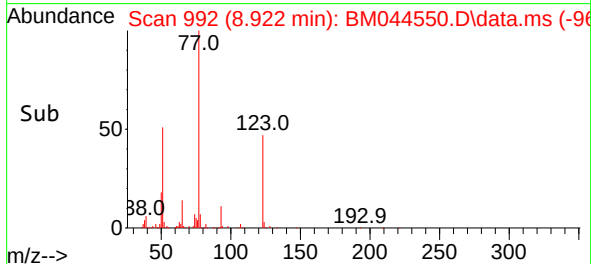
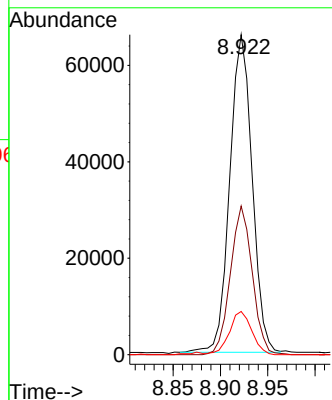
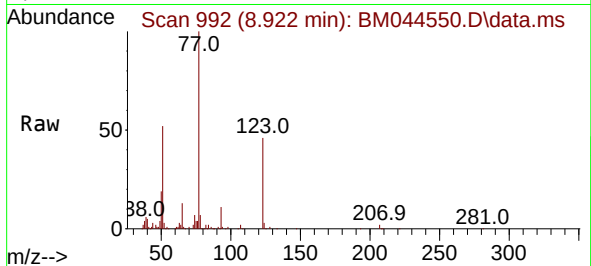




#22
Nitrobenzene
Concen: 4.498 ng/ul
RT: 8.922 min Scan# 992
Delta R.T. -0.017 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

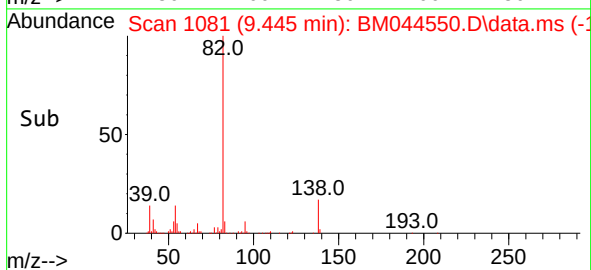
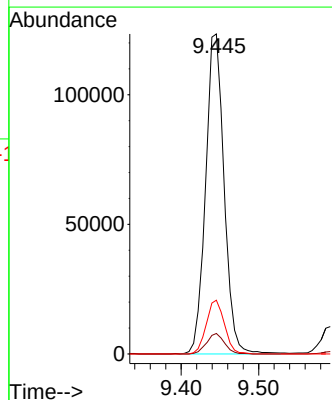
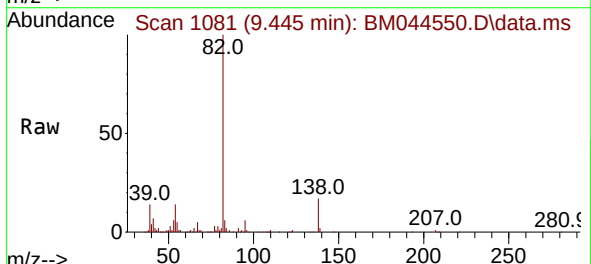
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

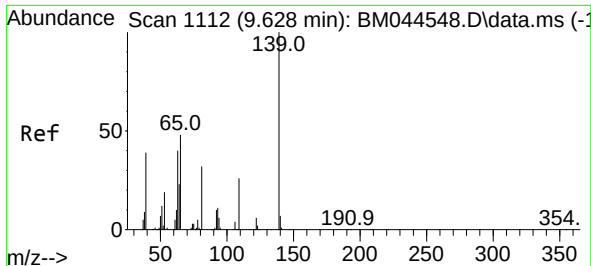
Tgt Ion: 77 Resp: 108150
Ion Ratio Lower Upper
77 100
123 46.5 38.2 57.2
65 13.5 10.2 15.2



#23
Isophorone
Concen: 4.176 ng/ul
RT: 9.445 min Scan# 1081
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 82 Resp: 204822
Ion Ratio Lower Upper
82 100
95 6.4 4.7 7.1
138 16.8 14.1 21.1

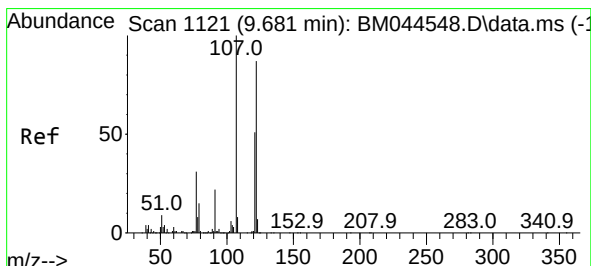
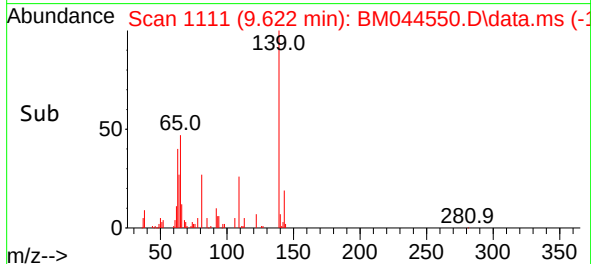
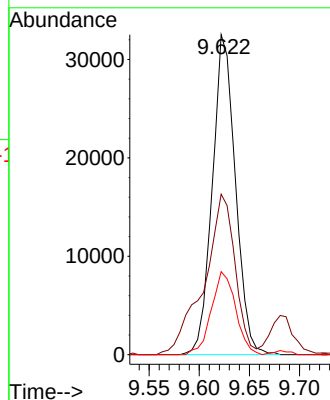
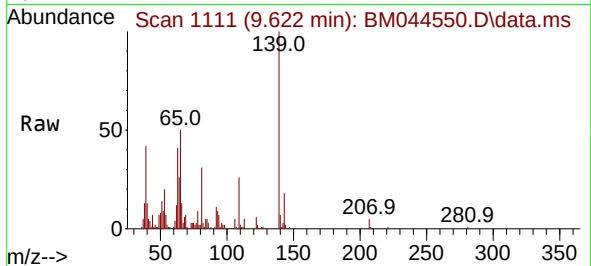




#25
2-Nitrophenol
Concen: 4.372 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

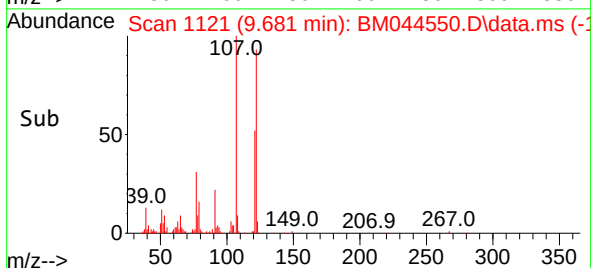
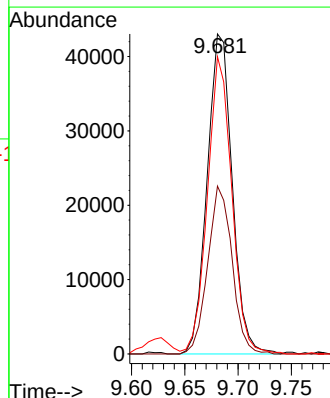
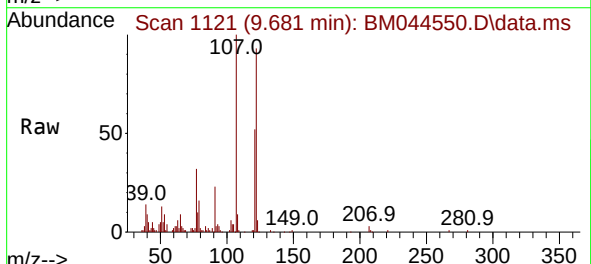
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

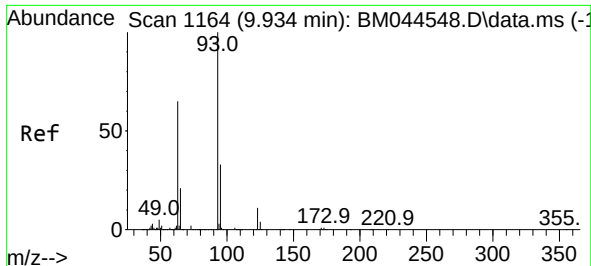
Tgt Ion:139 Resp: 52094
Ion Ratio Lower Upper
139 100
65 50.2 40.2 60.2
109 25.9 21.0 31.4



#26
2,4-Dimethylphenol
Concen: 3.248 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:107 Resp: 70422
Ion Ratio Lower Upper
107 100
121 52.4 41.0 61.6
122 92.9 71.4 107.0

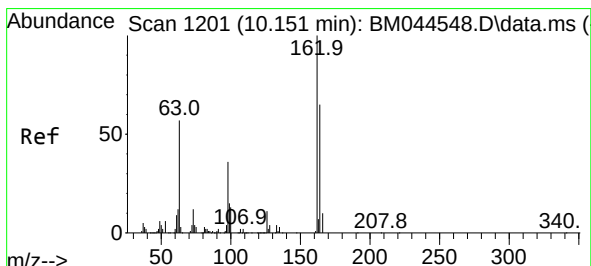
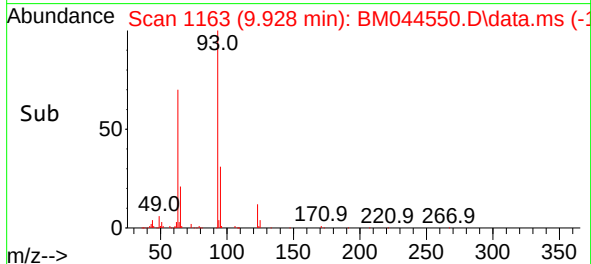
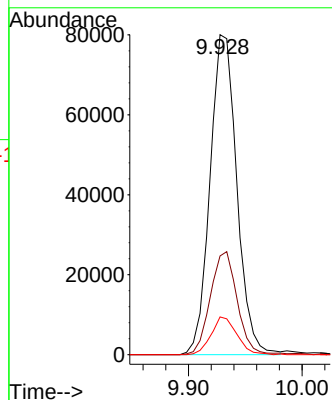
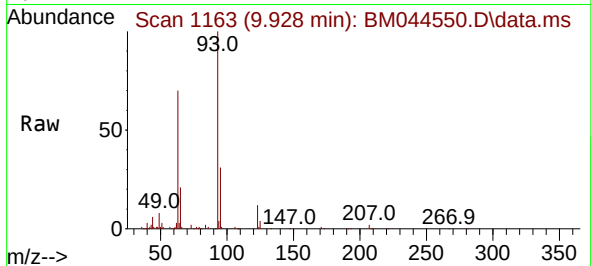




#27
Bis(2-Chloroethoxy)methane
Concen: 4.259 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

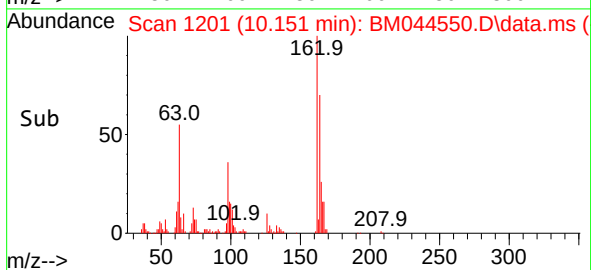
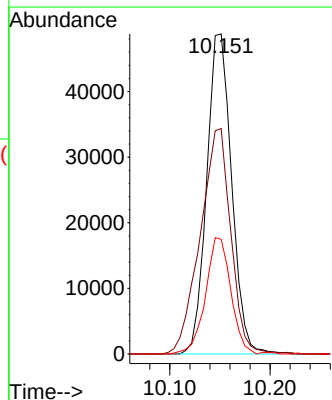
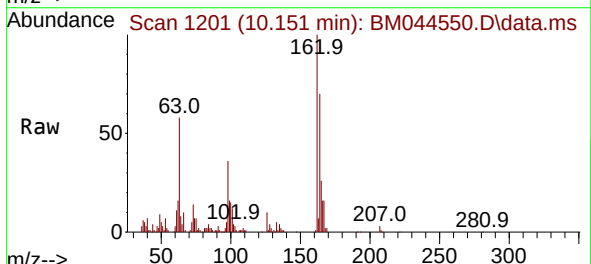
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

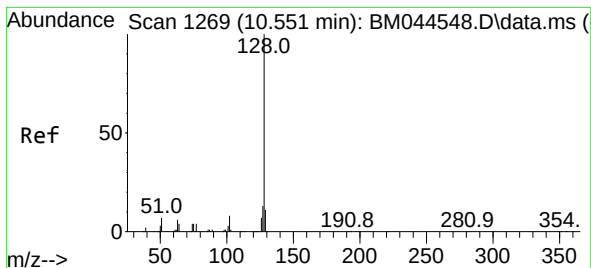
Tgt Ion: 93 Resp: 131381
Ion Ratio Lower Upper
93 100
95 30.9 25.3 37.9
123 11.8 9.3 13.9



#29
2,4-Dichlorophenol
Concen: 4.549 ng/ul
RT: 10.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion: 162 Resp: 84474
Ion Ratio Lower Upper
162 100
164 70.4 52.7 79.1
98 35.9 30.1 45.1

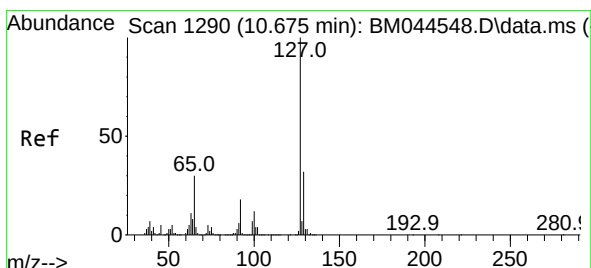
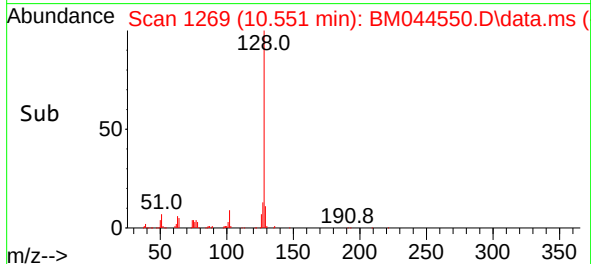
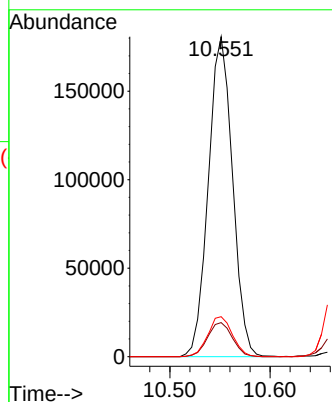
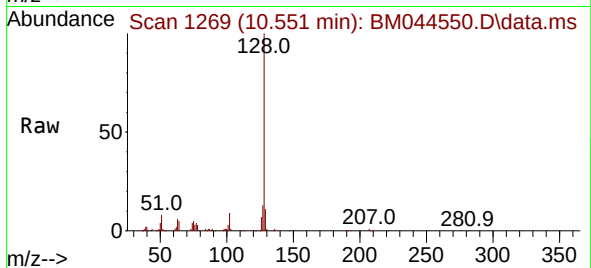




#30
Naphthalene
Concen: 4.452 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

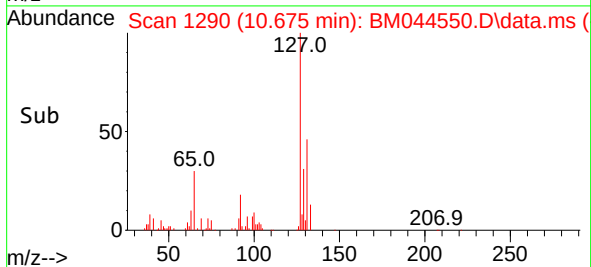
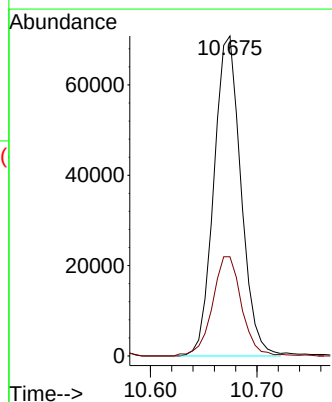
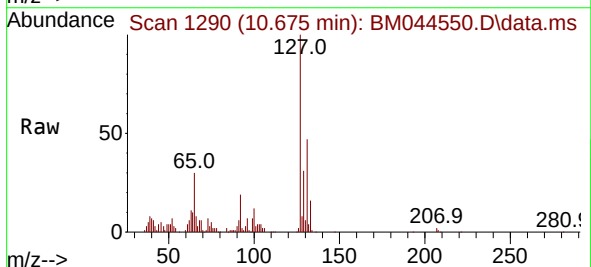
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

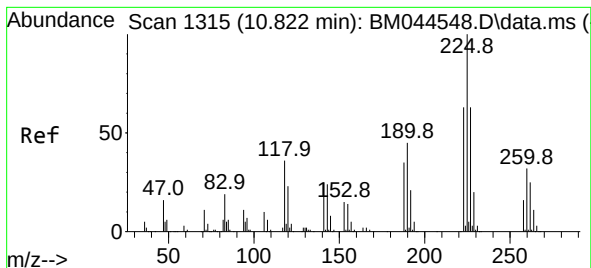
Tgt Ion:128 Resp: 303588
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.5 10.5 15.7



#32
4-Chloroaniline
Concen: 4.197 ng/ul
RT: 10.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:127 Resp: 125013
Ion Ratio Lower Upper
127 100
129 31.0 25.1 37.7





#33

Hexachlorobutadiene

Concen: 4.754 ng/ul

RT: 10.822 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM044550.D

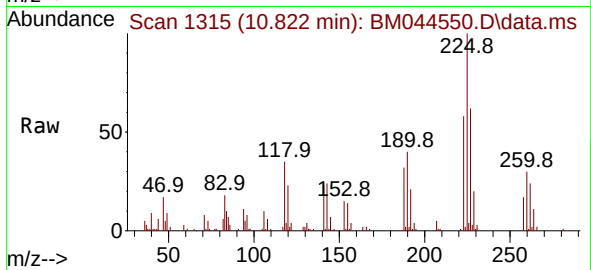
Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01



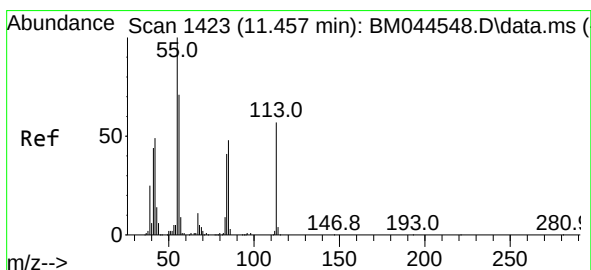
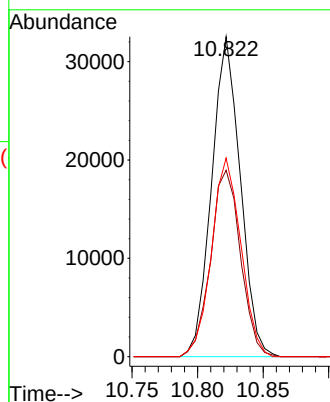
Tgt Ion:225 Resp: 49477

Ion	Ratio	Lower	Upper
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225	100		
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223	60.3	50.1	75.1
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227	62.0	49.2	73.8
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#34

Caprolactam

Concen: 4.080 ng/ul

RT: 11.481 min Scan# 1427

Delta R.T. 0.018 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

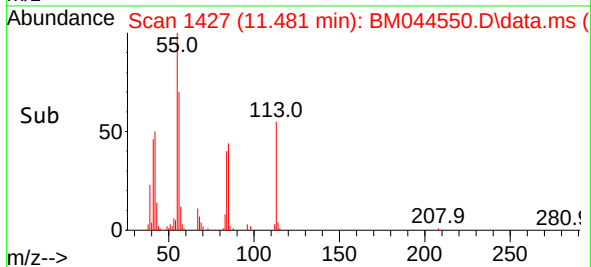
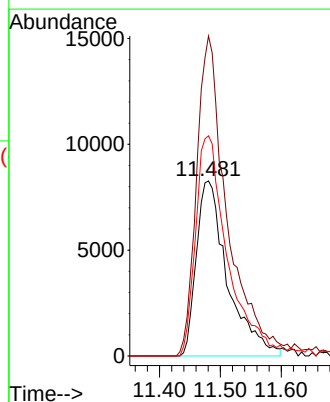
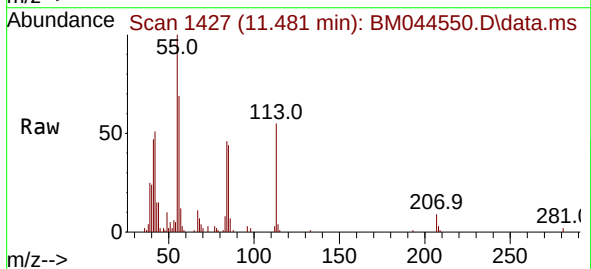
Tgt Ion:113 Resp: 29505

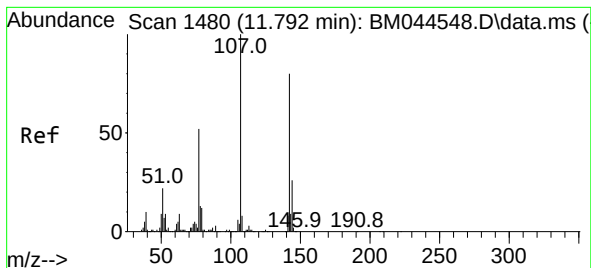
Ion	Ratio	Lower	Upper
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113	100		
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55	182.8	134.7	202.1
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56	125.8	102.2	153.2
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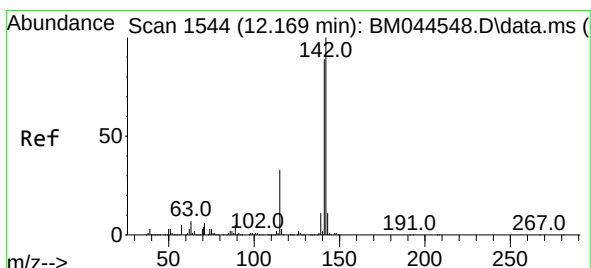
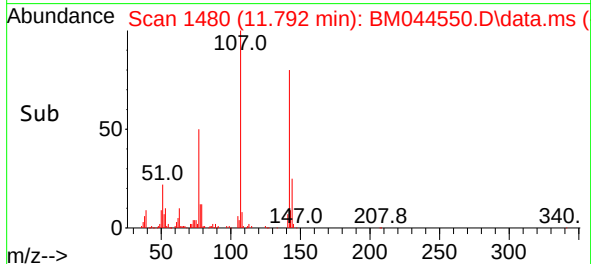
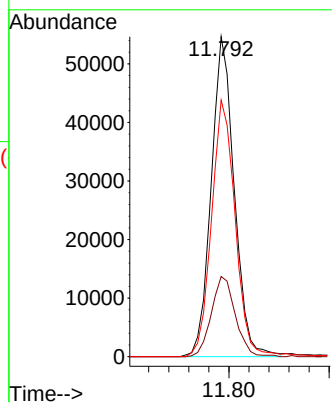
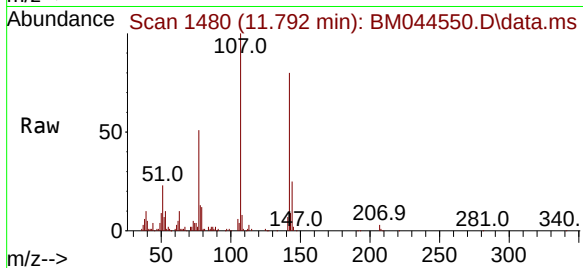




#35
4-Chloro-3-methylphenol
Concen: 4.054 ng/ul
RT: 11.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

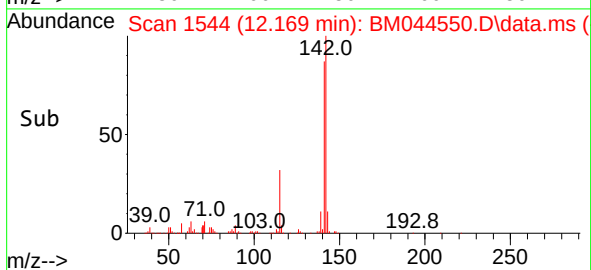
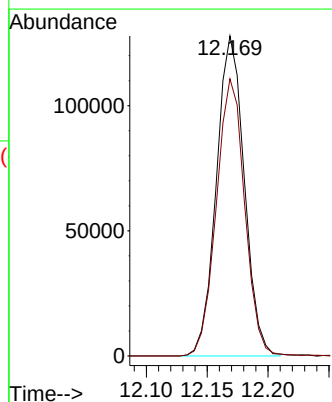
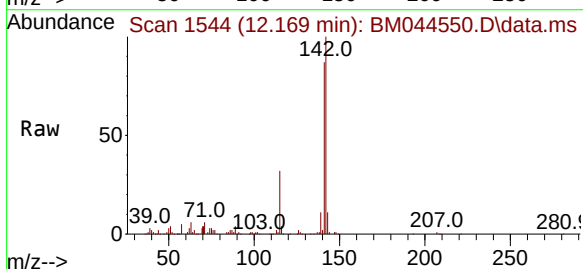
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

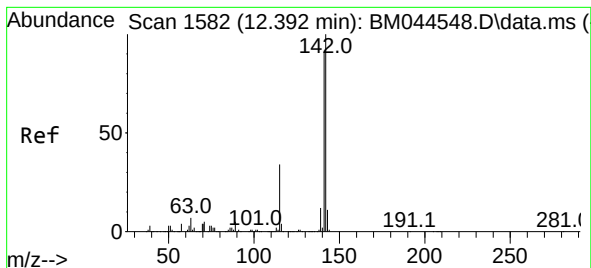
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.7	32.5
142	80.2	65.1	97.7



#36
2-Methylnaphthalene
Concen: 4.497 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.1	106.7





#37

1-Methylnaphthalene

Concen: 4.691 ng/ul

RT: 12.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

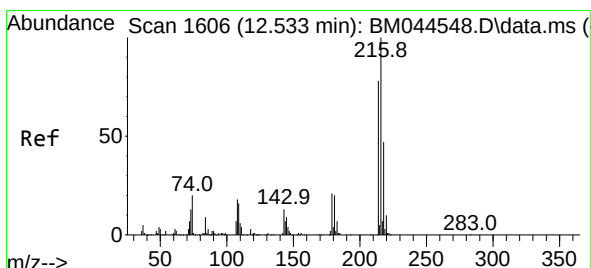
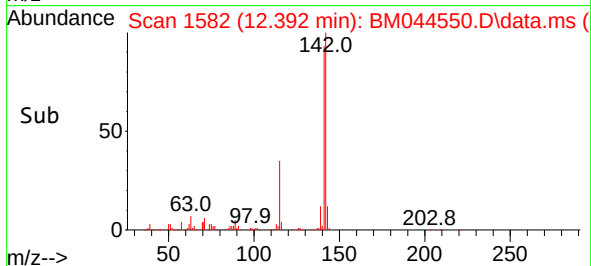
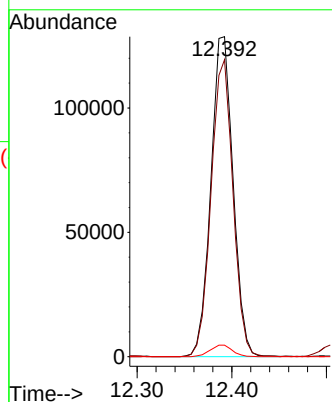
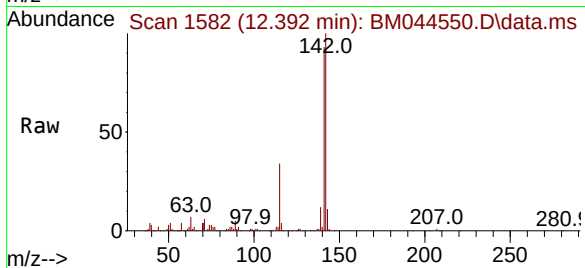
Tgt Ion:142 Resp: 209841

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.6

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.549 ng/ul

RT: 12.533 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Tgt Ion:216 Resp: 97959

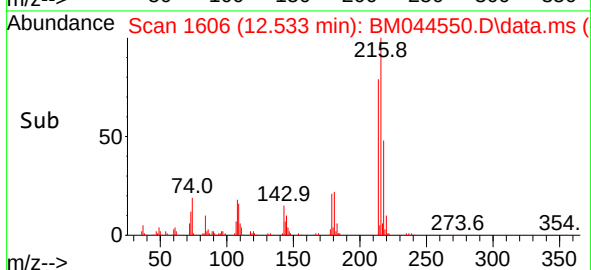
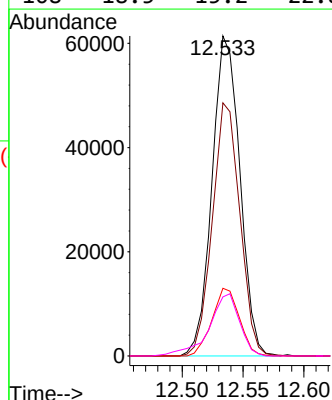
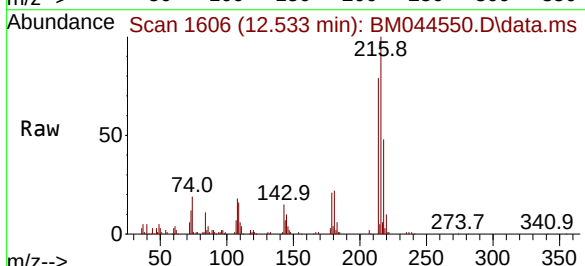
Ion Ratio Lower Upper

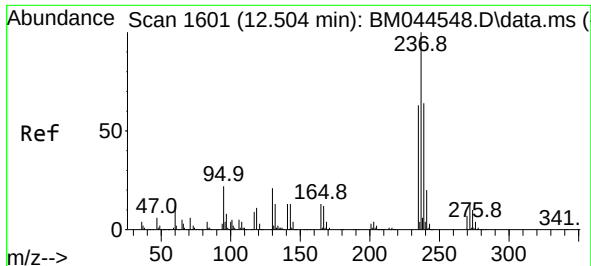
216 100

214 79.1 63.4 95.2

179 21.2 17.5 26.3

108 18.5 15.2 22.8

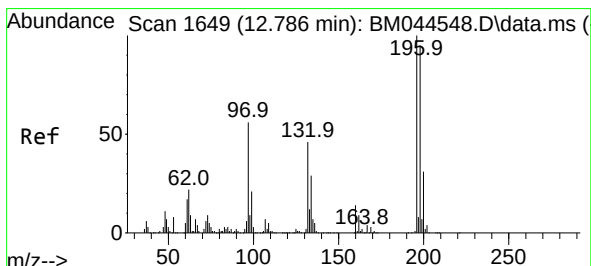
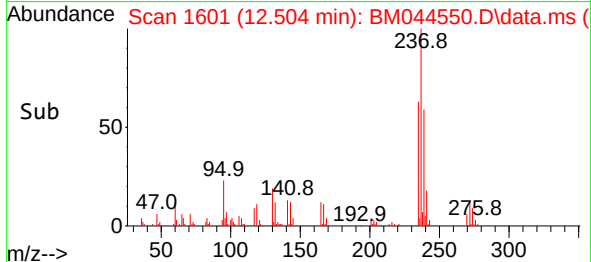
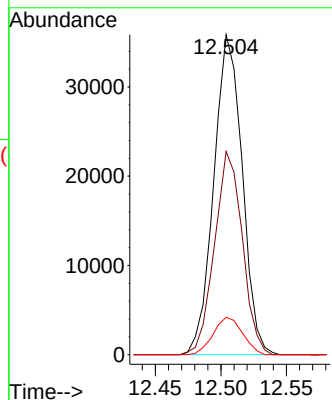
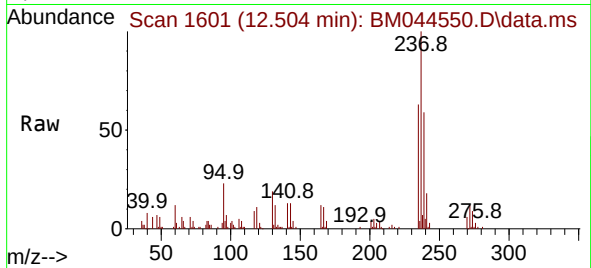




#40
Hexachlorocyclopentadiene
Concen: 3.779 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

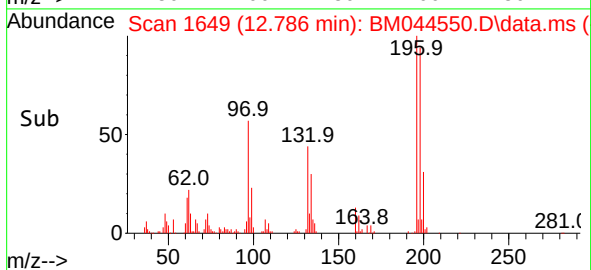
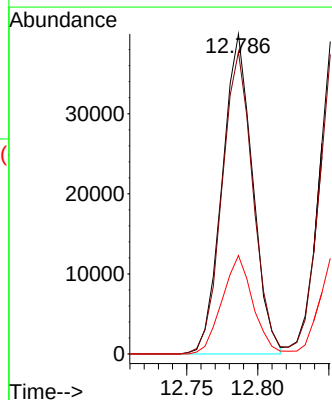
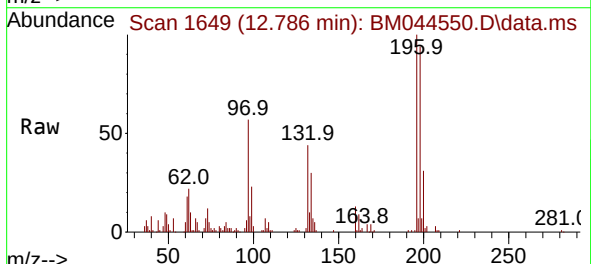
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

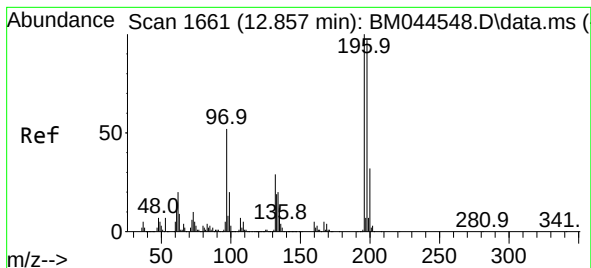
Tgt Ion:237 Resp: 54027
Ion Ratio Lower Upper
237 100
235 63.5 50.1 75.1
272 12.8 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 3.929 ng/ul
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:196 Resp: 59325
Ion Ratio Lower Upper
196 100
198 94.4 76.7 115.1
200 30.8 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 4.127 ng/ul

RT: 12.851 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

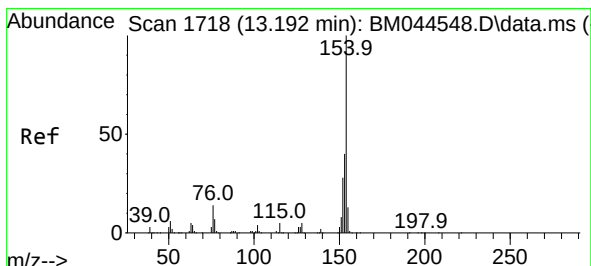
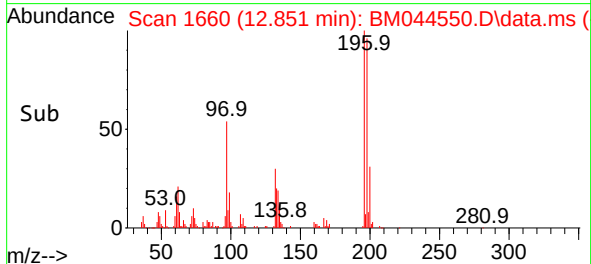
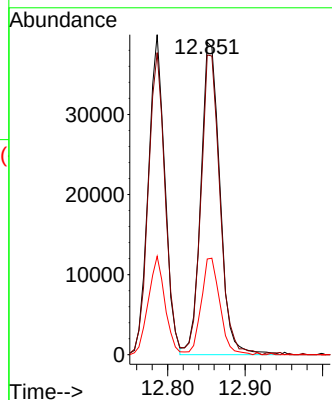
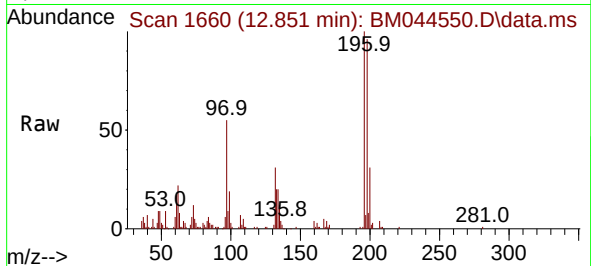
Tgt Ion:196 Resp: 66778

Ion Ratio Lower Upper

196 100

198 95.9 78.1 117.1

200 30.6 24.7 37.1



#43

1,1'-Biphenyl

Concen: 4.377 ng/ul

RT: 13.192 min Scan# 1718

Delta R.T. -0.012 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

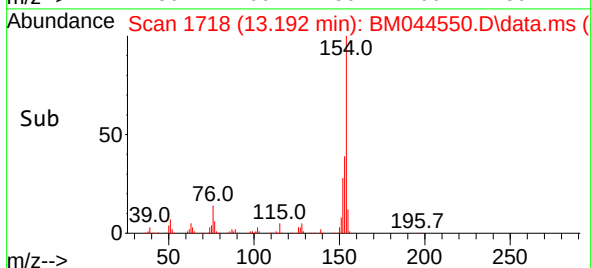
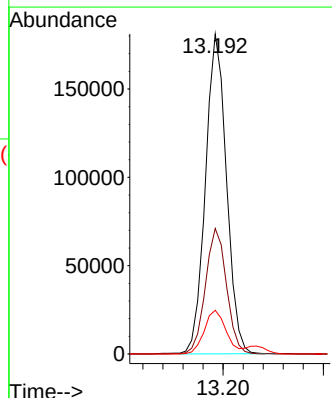
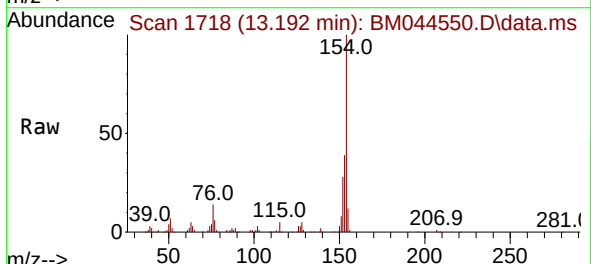
Tgt Ion:154 Resp: 263112

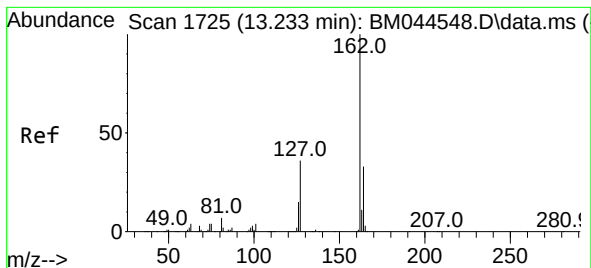
Ion Ratio Lower Upper

154 100

153 39.2 31.8 47.8

76 13.6 11.0 16.4





#44

2-Chloronaphthalene

Concen: 4.348 ng/ul

RT: 13.233 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

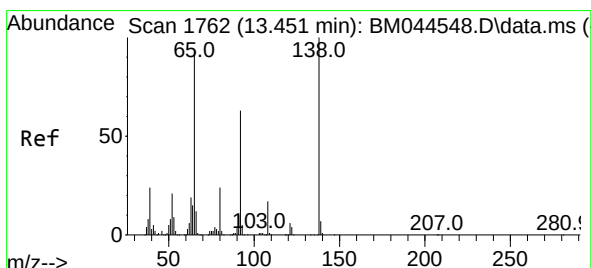
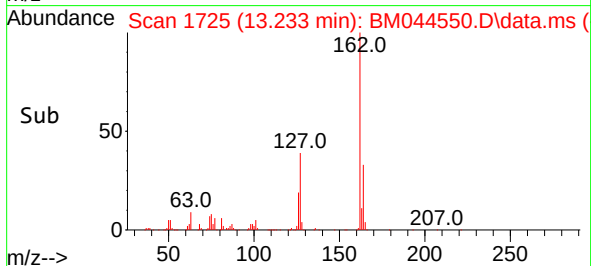
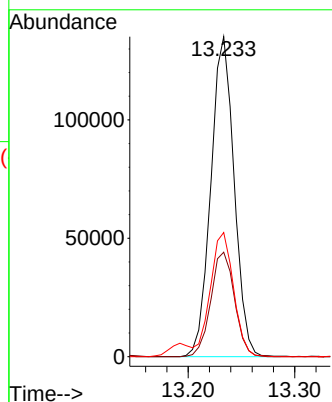
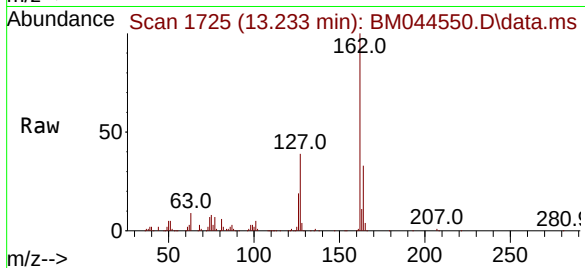
Tgt Ion:162 Resp: 205113

Ion Ratio Lower Upper

162 100

164 32.7 25.6 38.4

127 38.8 31.4 47.0



#45

2-Nitroaniline

Concen: 3.839 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

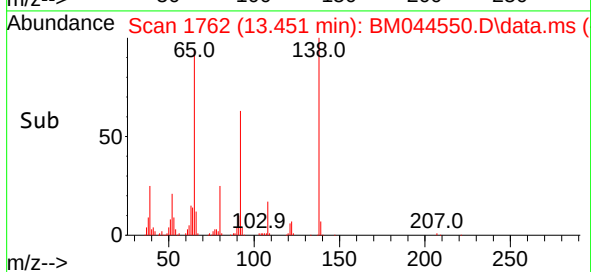
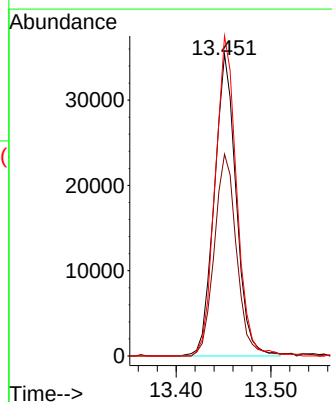
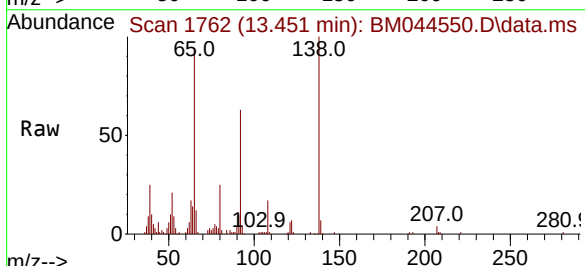
Tgt Ion: 65 Resp: 56853

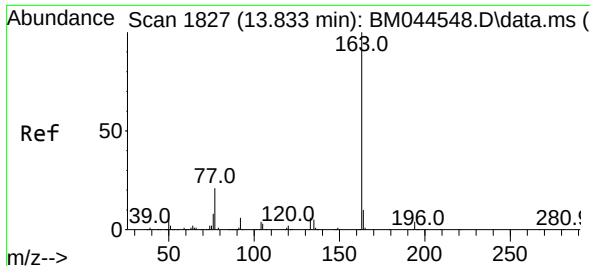
Ion Ratio Lower Upper

65 100

92 66.8 55.4 83.0

138 106.0 84.0 126.0

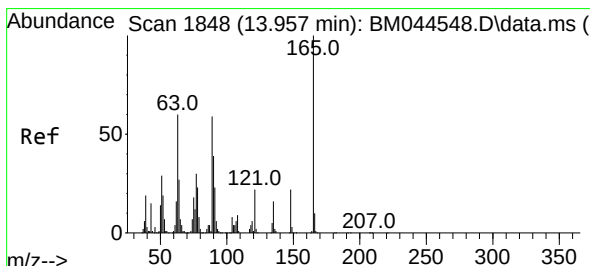
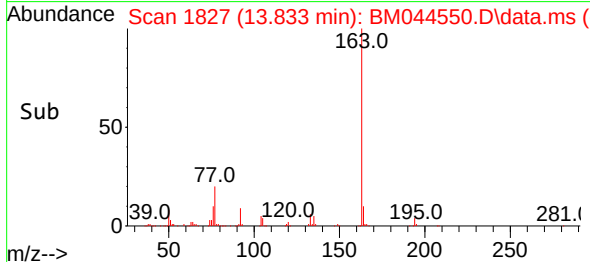
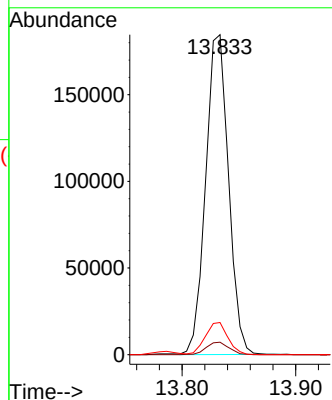
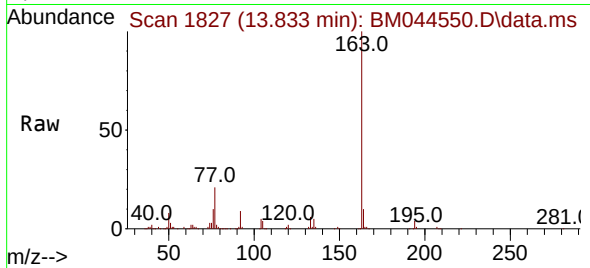




#47
Dimethylphthalate
Concen: 4.271 ng/ul
RT: 13.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

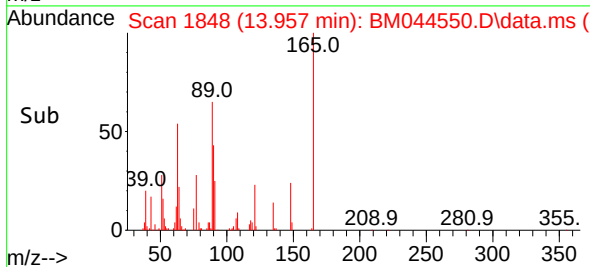
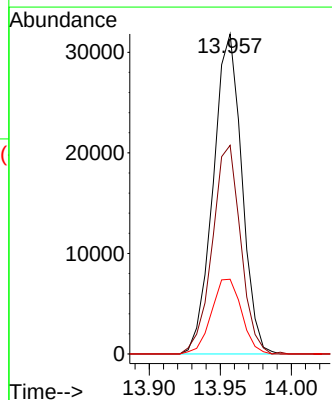
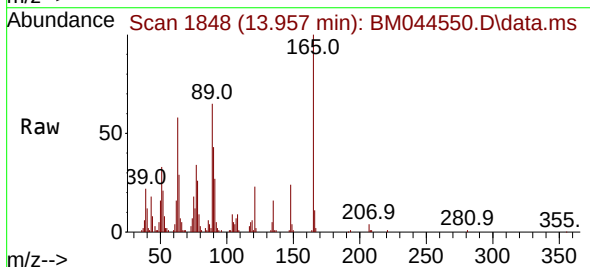
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

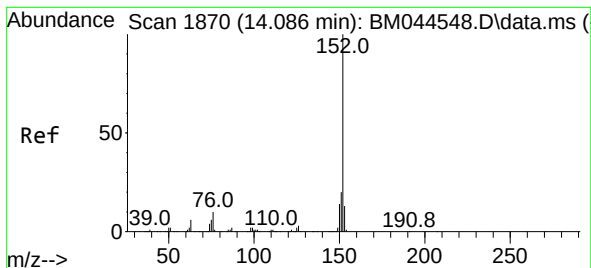
Tgt Ion:163 Resp: 258065
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 3.700 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:165 Resp: 44656
Ion Ratio Lower Upper
165 100
89 65.2 48.4 72.6
121 23.4 17.7 26.5





#50

Acenaphthylene

Concen: 4.422 ng/ul

RT: 14.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

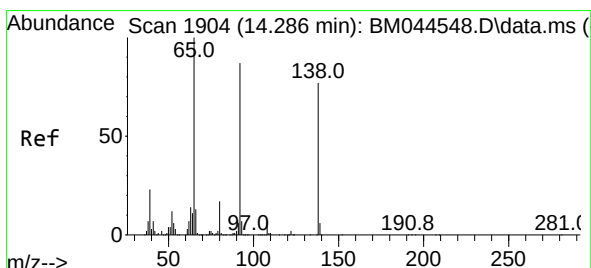
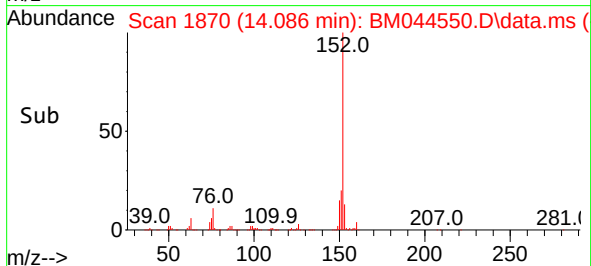
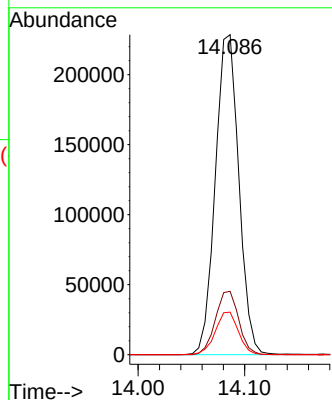
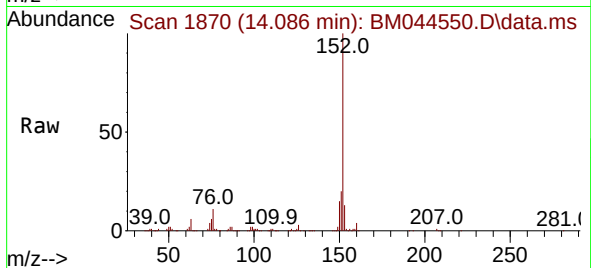
Tgt Ion:152 Resp: 350034

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.3 10.6 15.8



#51

3-Nitroaniline

Concen: 3.734 ng/ul

RT: 14.286 min Scan# 1904

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

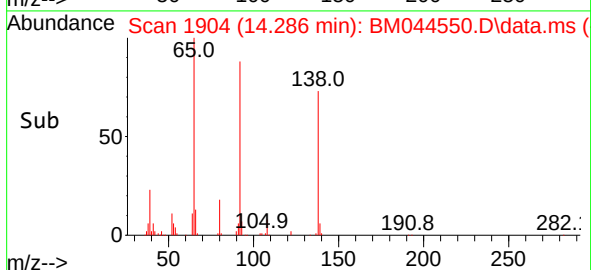
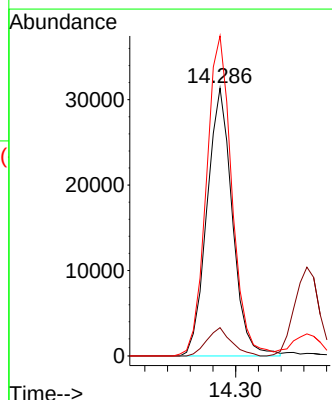
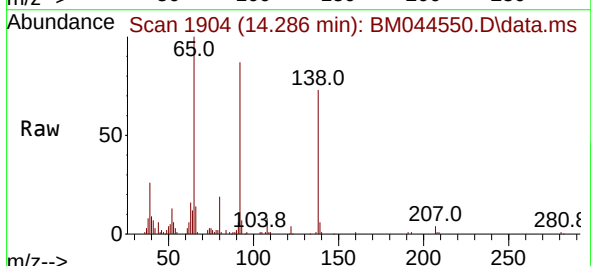
Tgt Ion:138 Resp: 48676

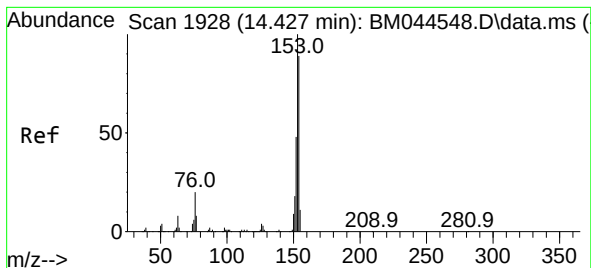
Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

92 119.4 89.3 133.9





#52

Acenaphthene

Concen: 4.366 ng/ul

RT: 14.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

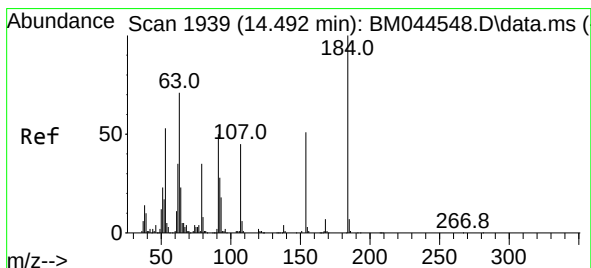
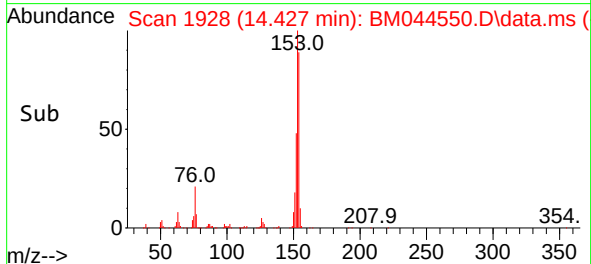
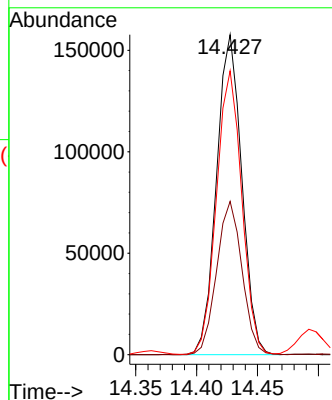
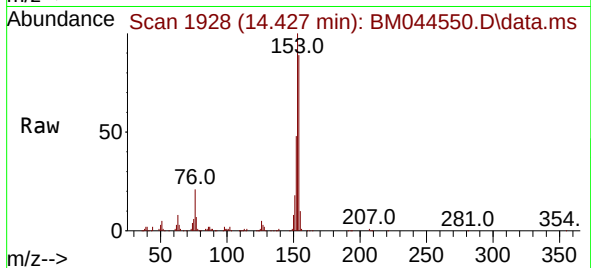
Tgt Ion:153 Resp: 227212

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.2

154 88.7 70.3 105.5



#53

2,4-Dinitrophenol

Concen: 4.342 ng/ul

RT: 14.492 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

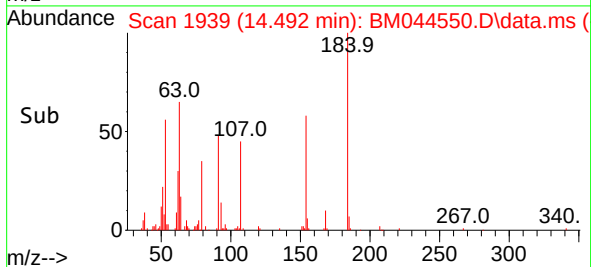
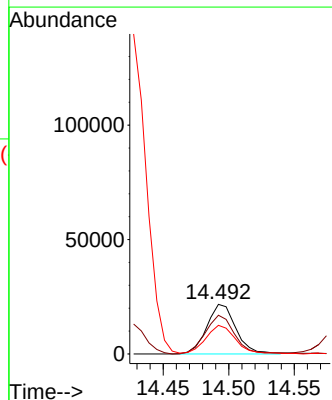
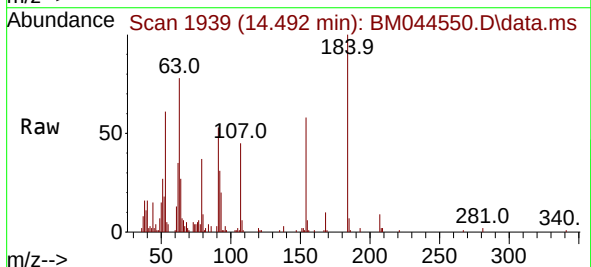
Tgt Ion:184 Resp: 33519

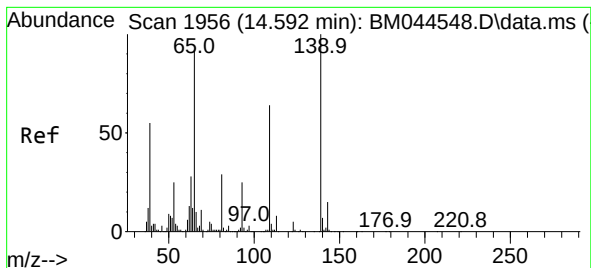
Ion Ratio Lower Upper

184 100

63 77.9 57.2 85.8

154 57.7 47.9 71.9

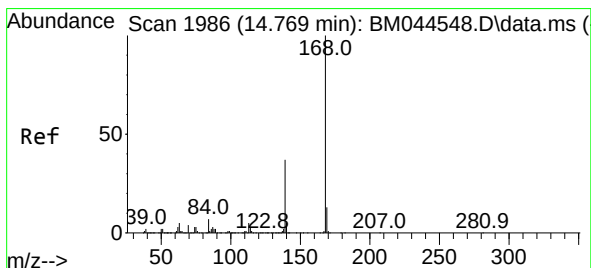
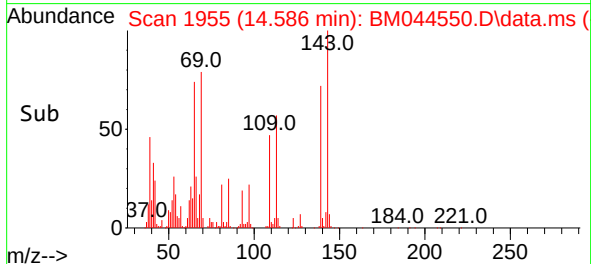
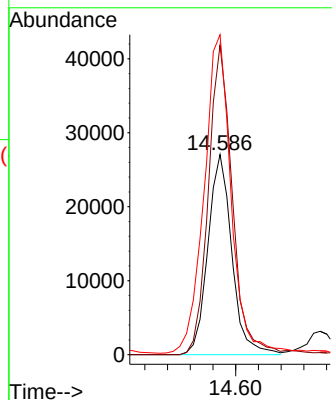
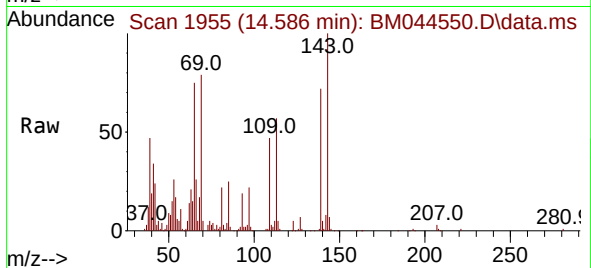




#55
4-Nitrophenol
Concen: 4.588 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

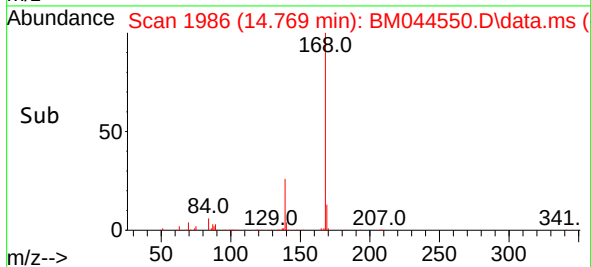
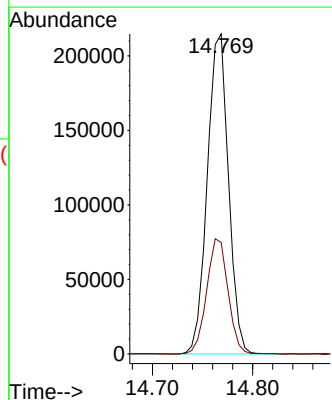
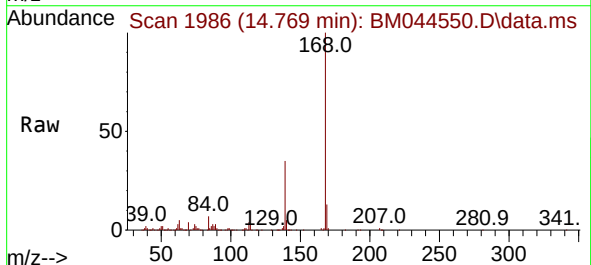
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

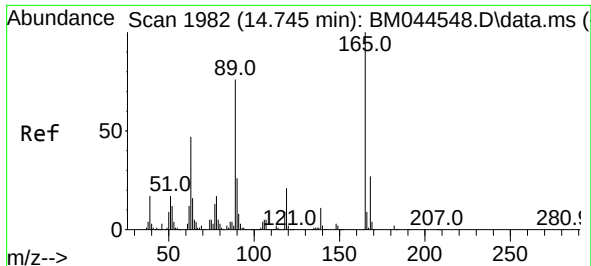
Tgt Ion:109 Resp: 39591
Ion Ratio Lower Upper
109 100
139 154.7 126.2 189.4
65 159.9 117.0 175.4



#56
Dibenzofuran
Concen: 4.562 ng/ul
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:168 Resp: 315789
Ion Ratio Lower Upper
168 100
139 34.8 30.7 46.1

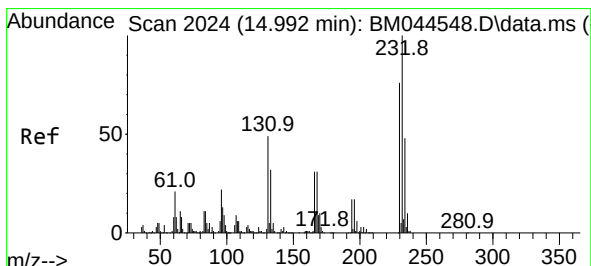
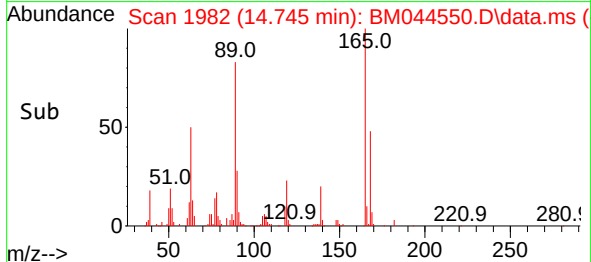
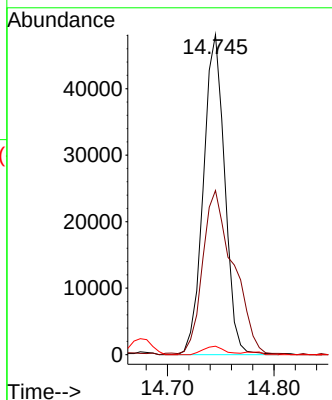
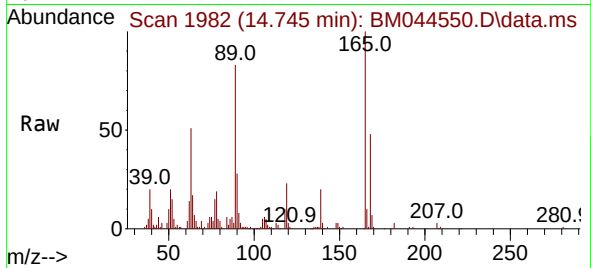




#57
2,4-Dinitrotoluene
Concen: 3.855 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

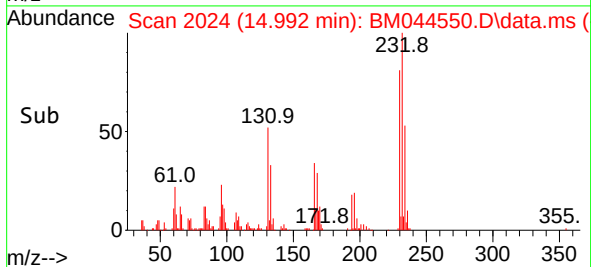
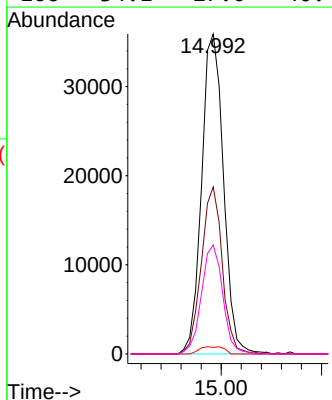
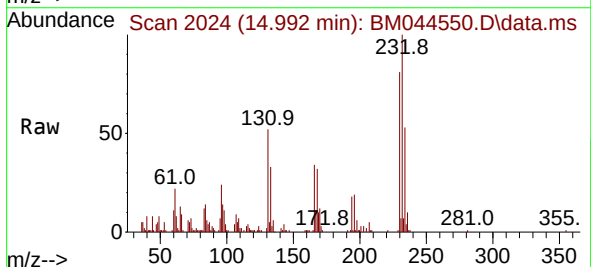
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

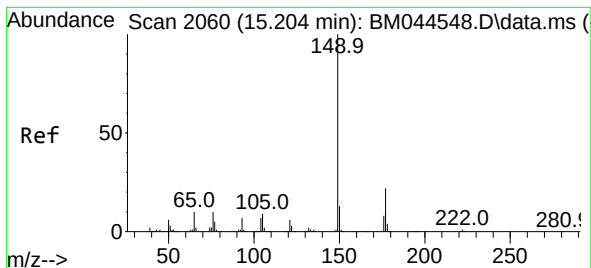
Tgt Ion:165 Resp: 67166
Ion Ratio Lower Upper
165 100
63 51.3 37.4 56.0
182 2.7 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.063 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:232 Resp: 54396
Ion Ratio Lower Upper
232 100
131 52.2 40.6 61.0
130 2.1 2.2 3.4#
166 34.1 27.0 40.4





#59

Diethylphthalate

Concen: 4.088 ng/ul

RT: 15.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

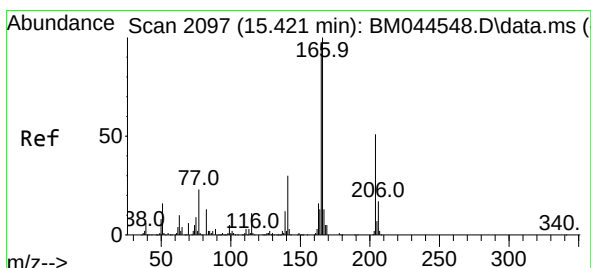
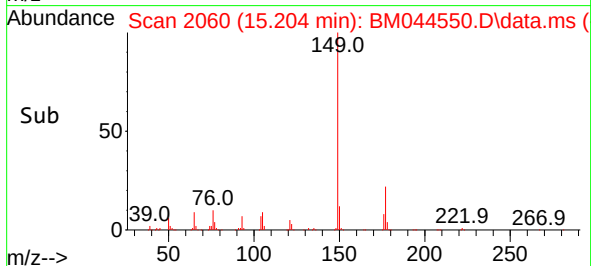
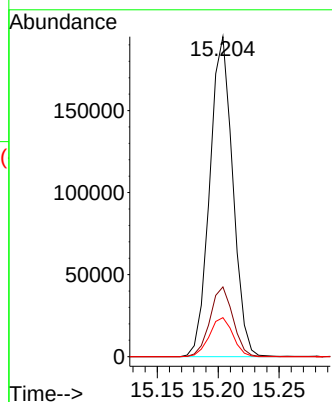
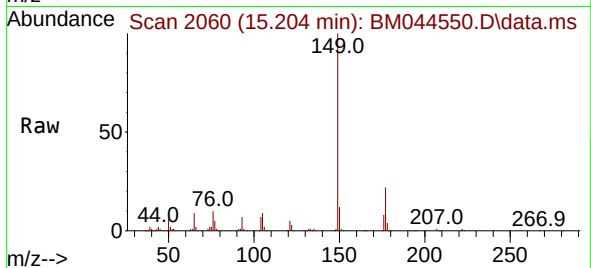
Tgt Ion:149 Resp: 256353

Ion Ratio Lower Upper

149 100

177 21.8 16.6 24.8

150 12.2 9.9 14.9



#61

Fluorene

Concen: 4.580 ng/ul

RT: 15.416 min Scan# 2096

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

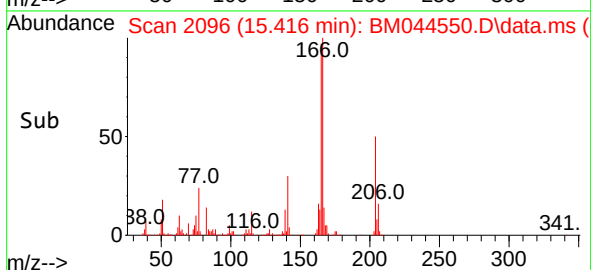
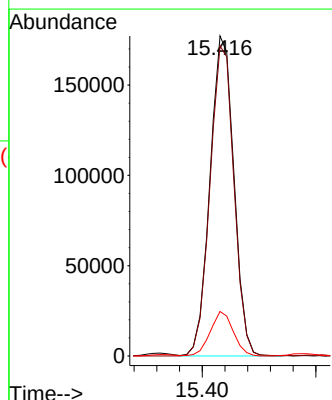
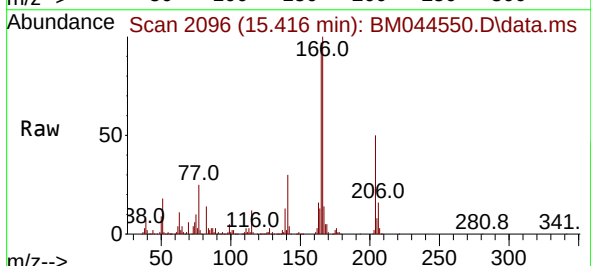
Tgt Ion:166 Resp: 259281

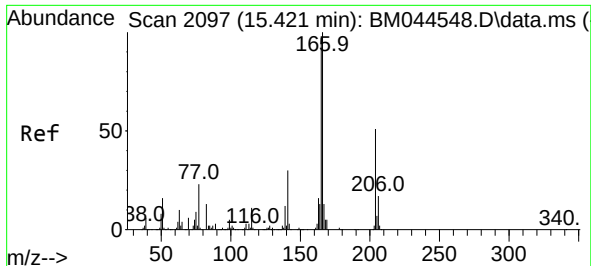
Ion Ratio Lower Upper

166 100

165 96.9 77.3 115.9

167 13.9 10.6 16.0

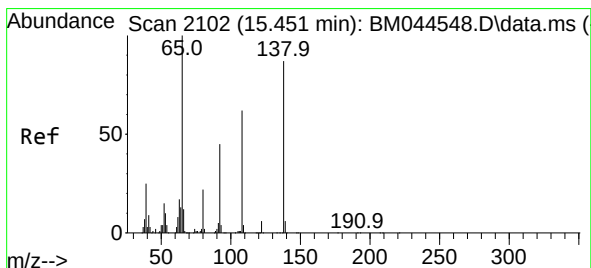
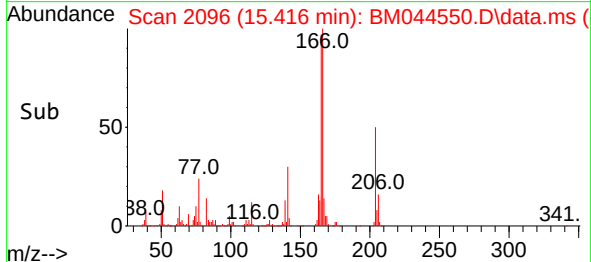
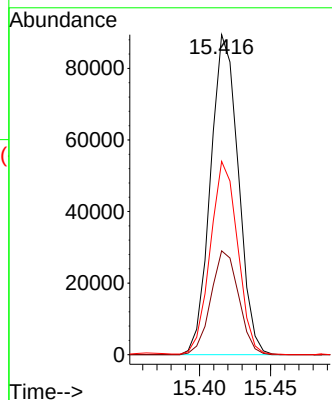
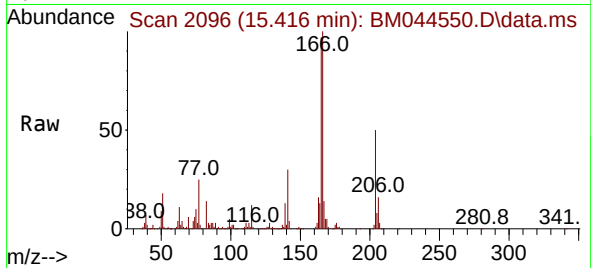




#62
4-Chlorophenyl-phenylether
Concen: 4.634 ng/ul
RT: 15.416 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

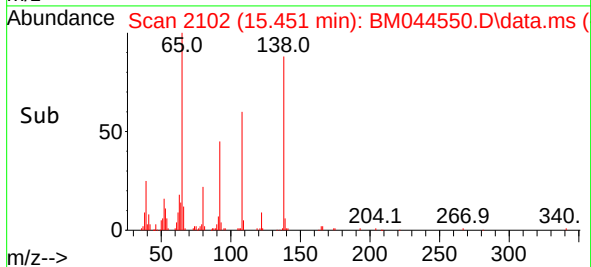
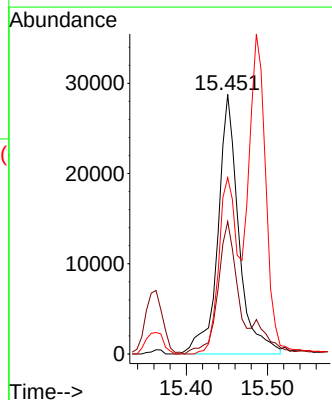
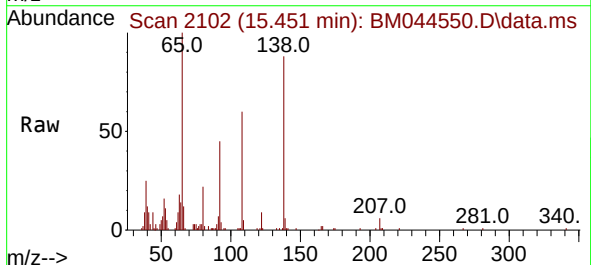
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

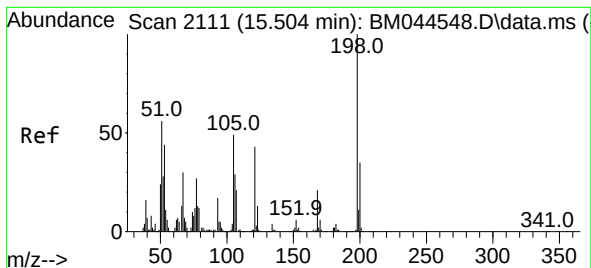
Tgt Ion:204 Resp: 121764
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 60.4 50.3 75.5



#63
4-Nitroaniline
Concen: 4.128 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:138 Resp: 51439
Ion Ratio Lower Upper
138 100
92 51.0 39.8 59.8
108 68.0 54.6 82.0

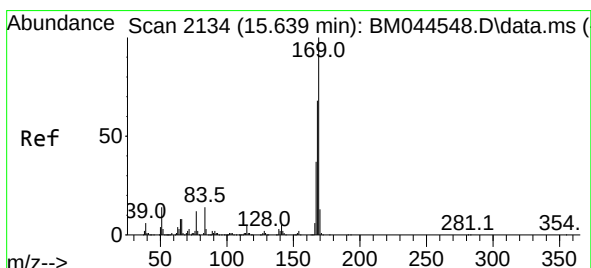
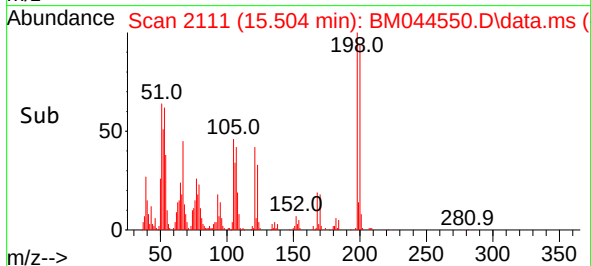
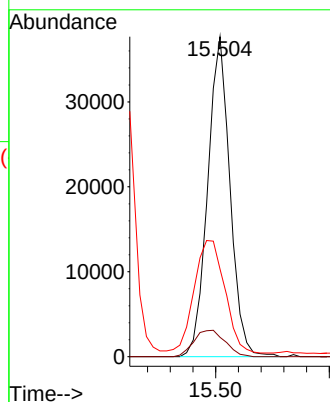
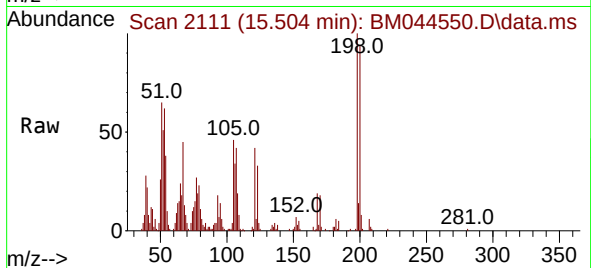




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.550 ng/ul
 RT: 15.504 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: BM044550.D
 Acq: 07 Mar 2024 14:36

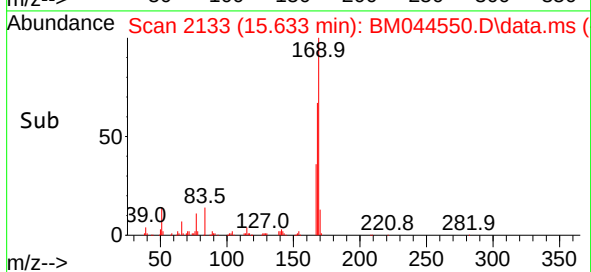
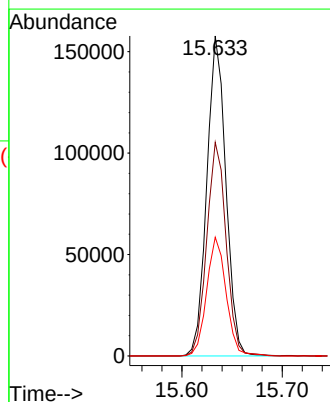
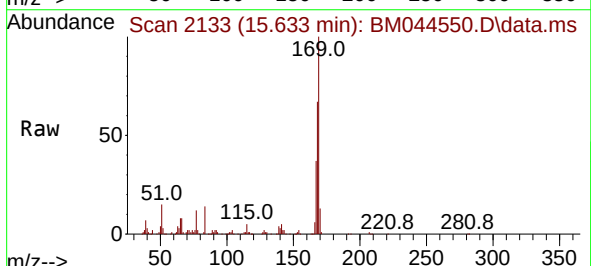
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT1-2024-01

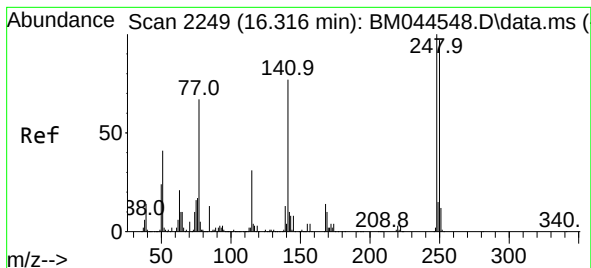
Tgt Ion:198 Resp: 51408
 Ion Ratio Lower Upper
 198 100
 182 6.1 3.3 4.9#
 77 27.4 21.0 31.4



#67
 N-Nitrosodiphenylamine
 Concen: 4.244 ng/ul
 RT: 15.633 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BM044550.D
 Acq: 07 Mar 2024 14:36

Tgt Ion:169 Resp: 208183
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.3 81.5
 167 37.1 29.4 44.0

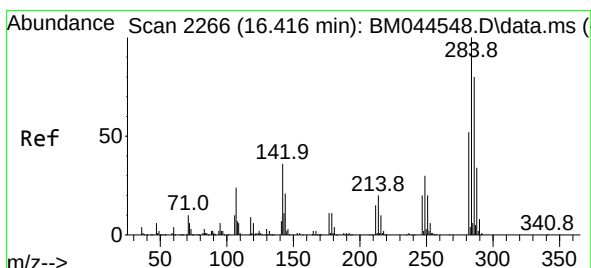
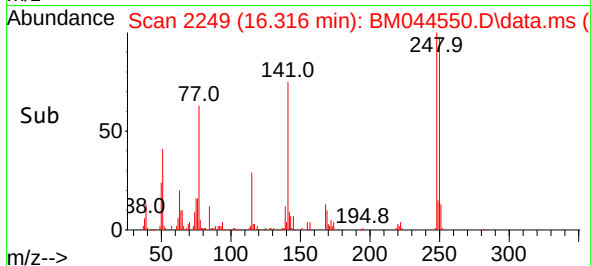
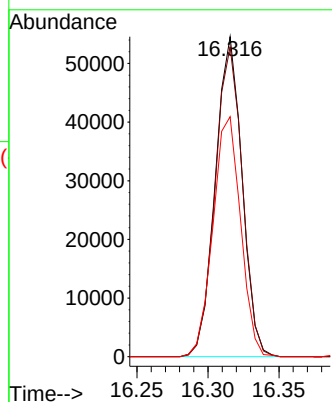
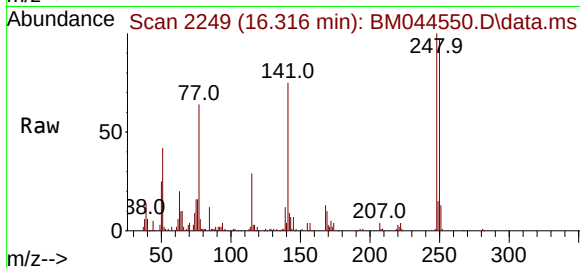




#68
4-Bromophenyl-phenylether
Concen: 4.388 ng/ul
RT: 16.316 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

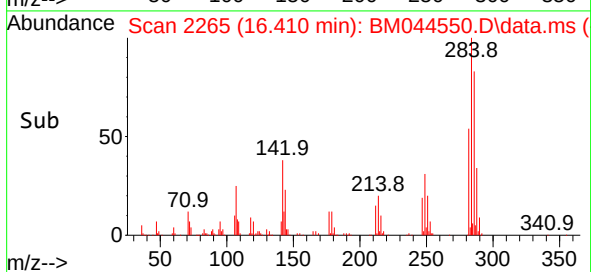
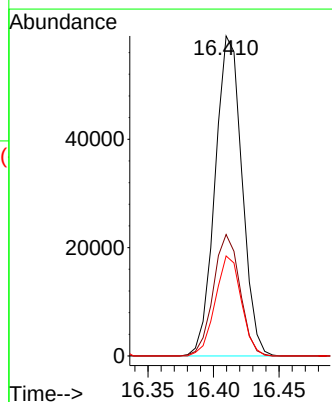
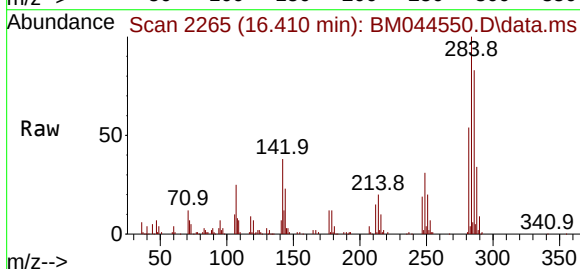
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-01

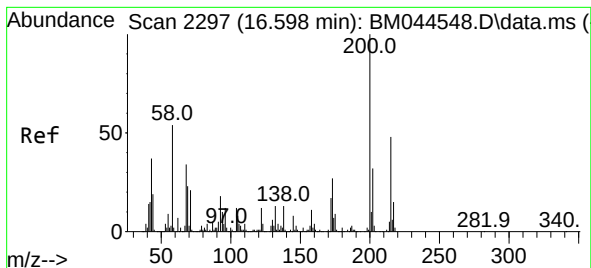
Tgt Ion:248 Resp: 71478
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 75.0 65.4 98.2



#69
Hexachlorobenzene
Concen: 4.545 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:284 Resp: 84328
Ion Ratio Lower Upper
284 100
142 35.9 33.7 50.5
249 29.5 24.8 37.2





#70

Atrazine

Concen: 5.103 ng/ul

RT: 16.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

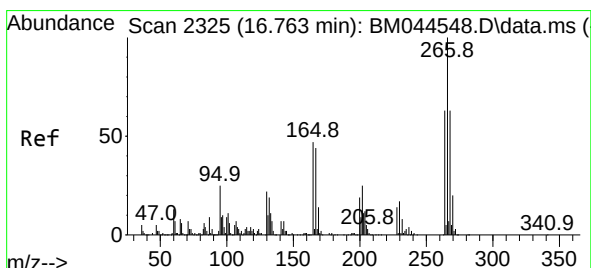
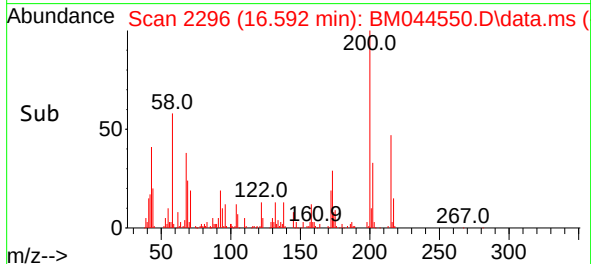
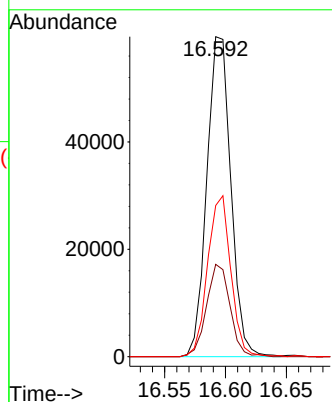
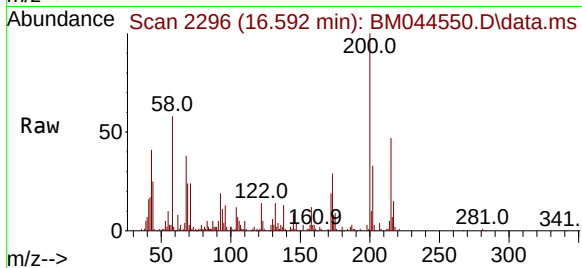
Tgt Ion:200 Resp: 81806

Ion Ratio Lower Upper

200 100

173 28.9 22.4 33.6

215 47.2 38.9 58.3



#71

Pentachlorophenol

Concen: 4.738 ng/ul

RT: 16.763 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

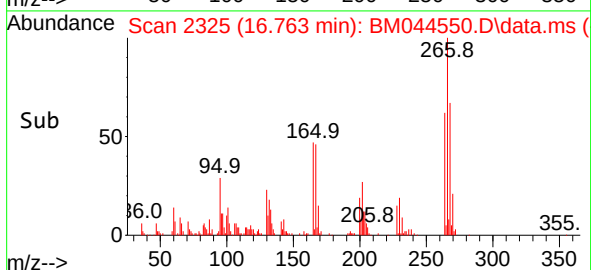
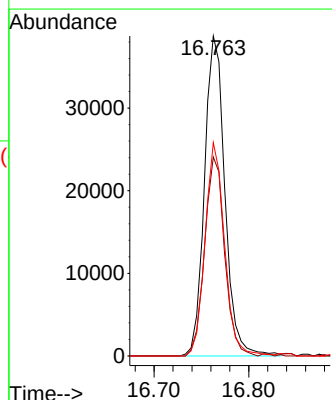
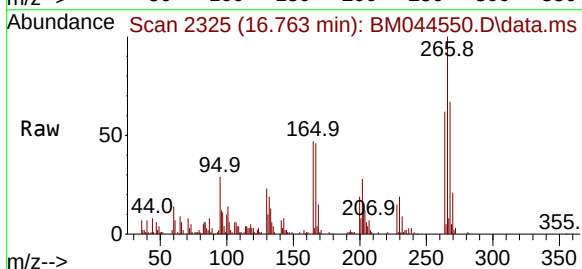
Tgt Ion:266 Resp: 58053

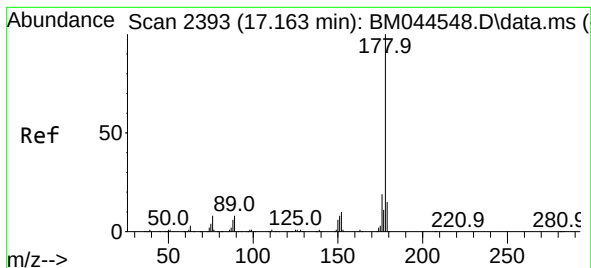
Ion Ratio Lower Upper

266 100

264 62.2 51.0 76.4

268 66.6 52.6 78.8





#72

Phenanthrene

Concen: 4.345 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

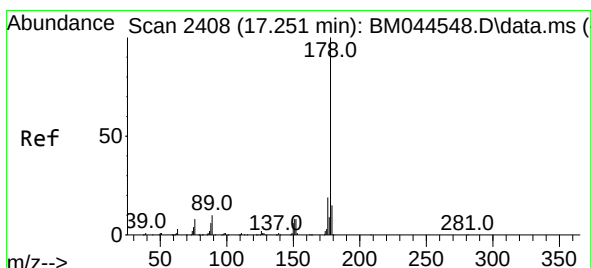
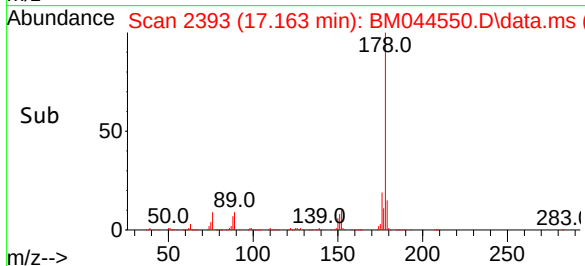
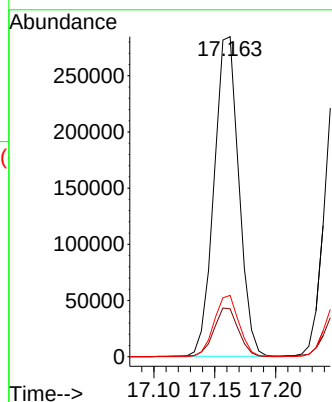
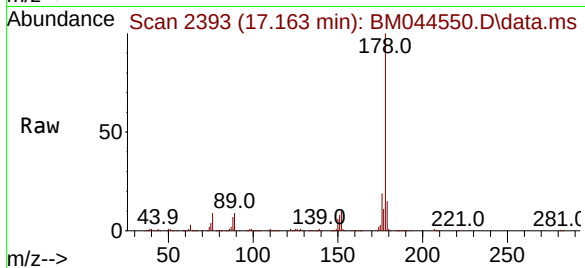
Tgt Ion:178 Resp: 401475

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.2 15.4 23.2



#74

Anthracene

Concen: 4.165 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

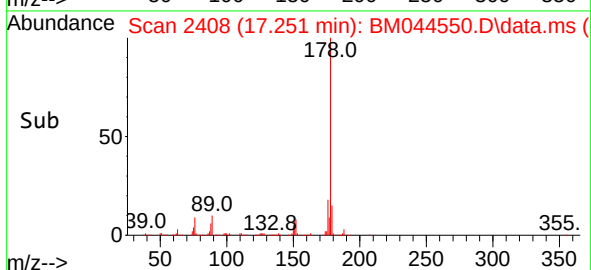
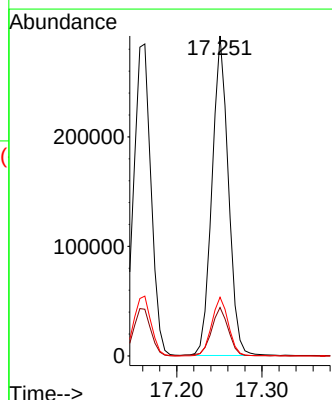
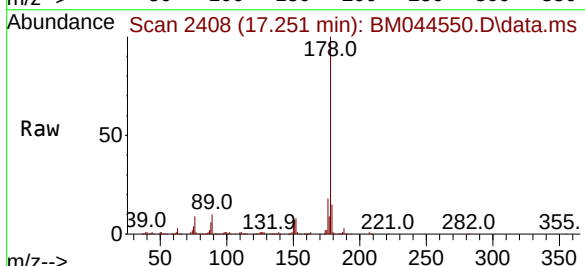
Tgt Ion:178 Resp: 389192

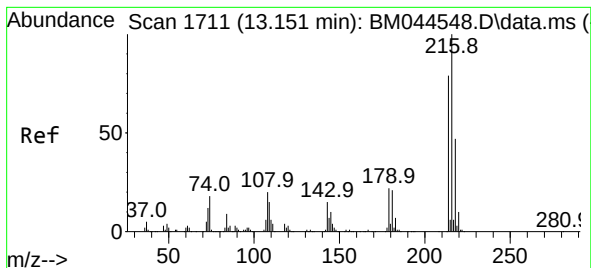
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

176 18.3 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.358 ng/uL

RT: 13.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044550.D

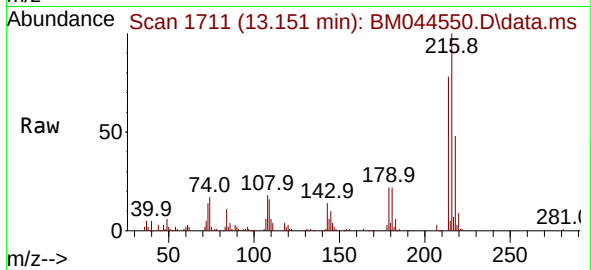
Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01



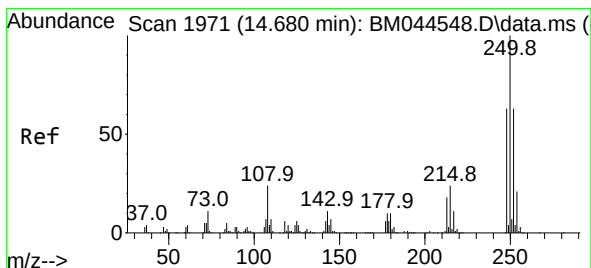
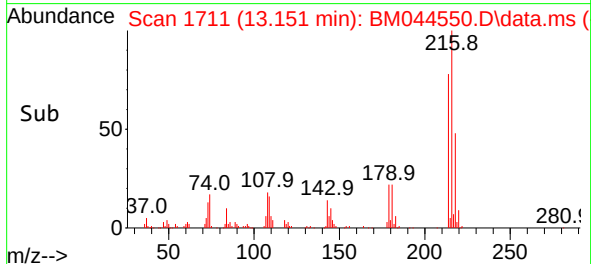
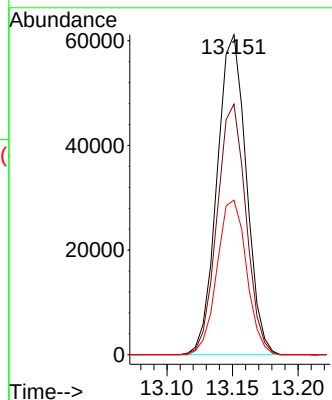
Tgt Ion:216 Resp: 94800

Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

218 48.3 38.6 57.8



#76

Pentachlorobenzene

Concen: 4.991 ng/uL

RT: 14.674 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

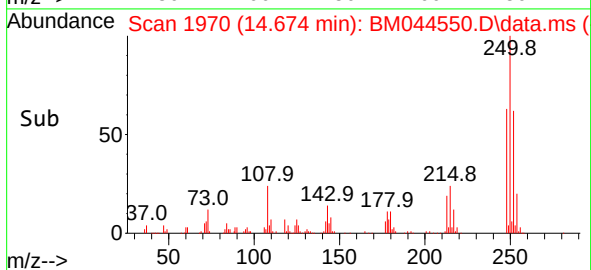
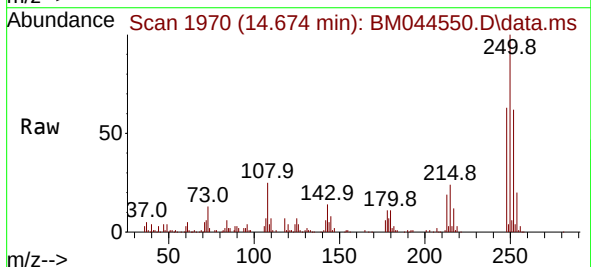
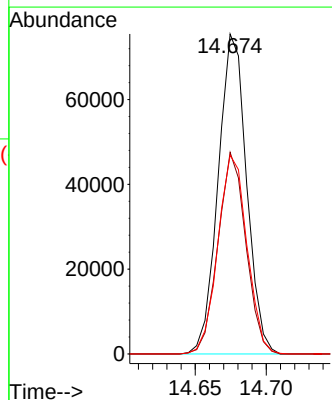
Tgt Ion:250 Resp: 104978

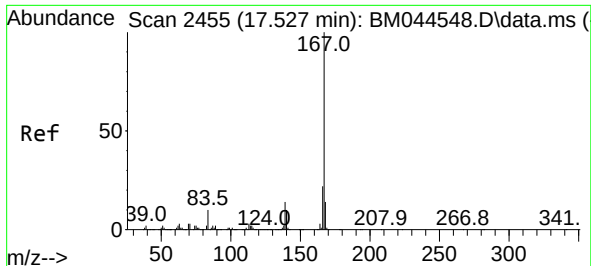
Ion Ratio Lower Upper

250 100

248 63.0 50.1 75.1

252 62.2 50.6 75.8

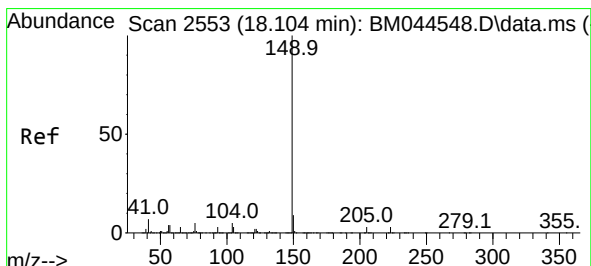
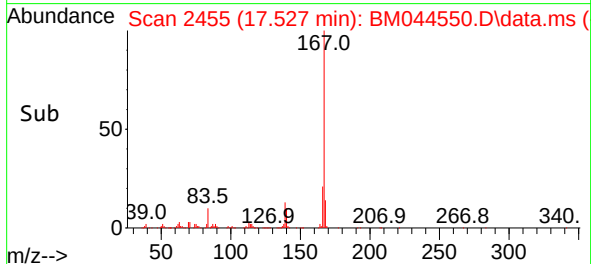
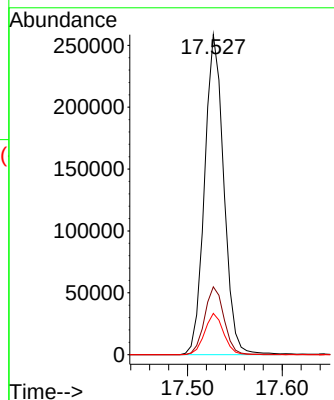
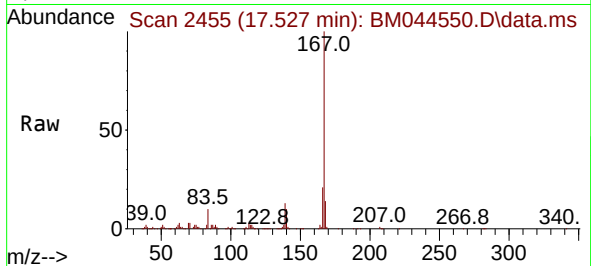




#77
Carbazole
Concen: 4.159 ng/ul
RT: 17.527 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

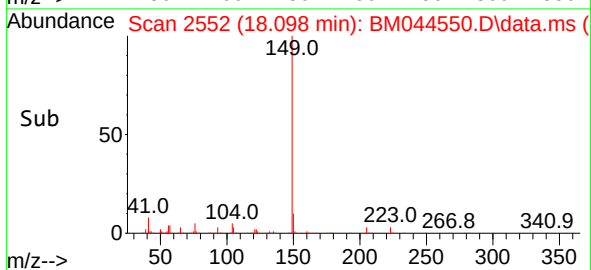
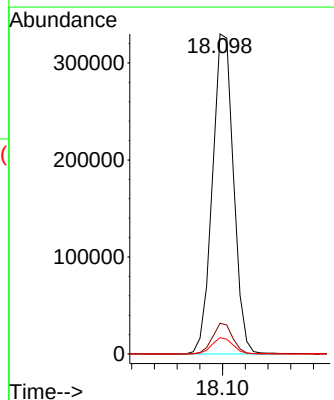
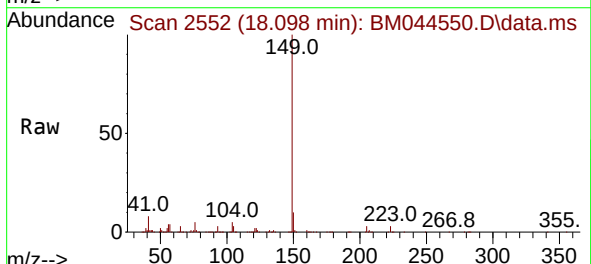
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT1-2024-01

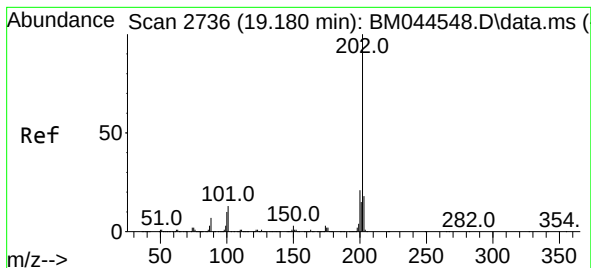
Tgt Ion:167 Resp: 365210
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.9 10.4 15.6



#78
Di-n-butylphthalate
Concen: 3.608 ng/ul
RT: 18.098 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BM044550.D
Acq: 07 Mar 2024 14:36

Tgt Ion:149 Resp: 426176
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.1 3.8 5.6





#80

Fluoranthene

Concen: 4.073 ng/ul

RT: 19.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

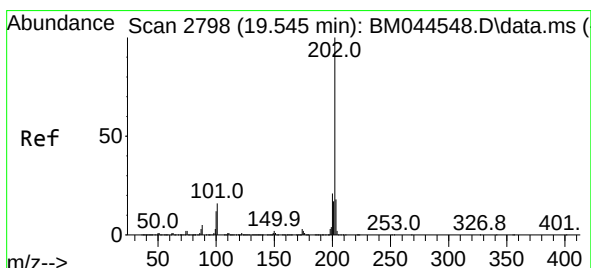
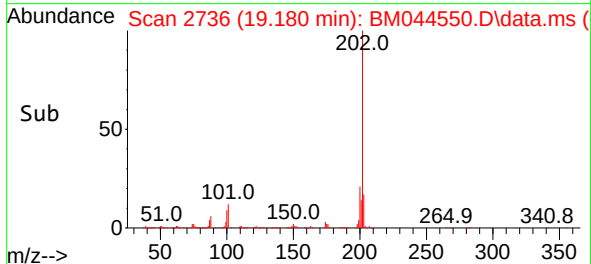
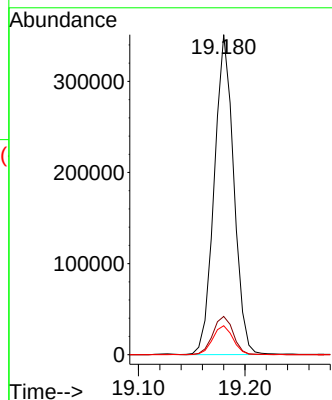
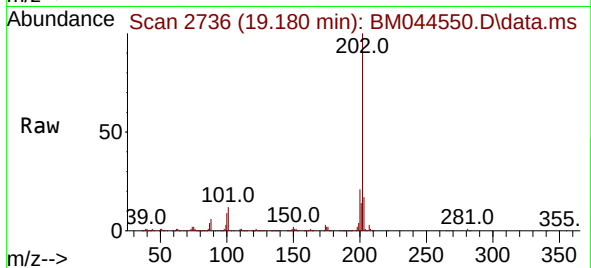
Tgt Ion:202 Resp: 445826

Ion Ratio Lower Upper

202 100

101 11.9 10.7 16.1

100 9.0 8.2 12.2



#82

Pyrene

Concen: 4.291 ng/ul

RT: 19.545 min Scan# 2798

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

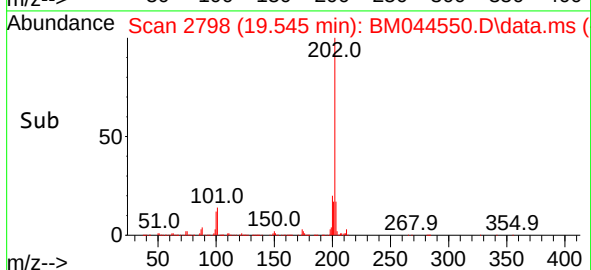
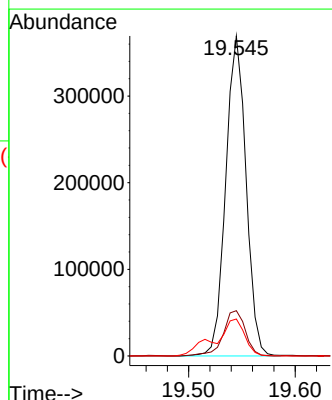
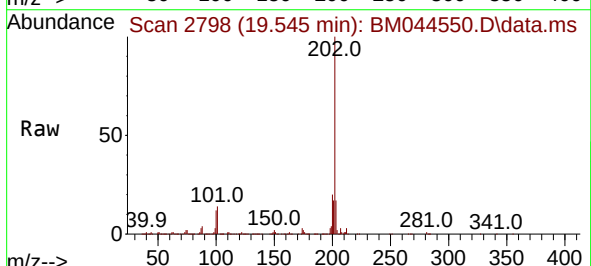
Tgt Ion:202 Resp: 488892

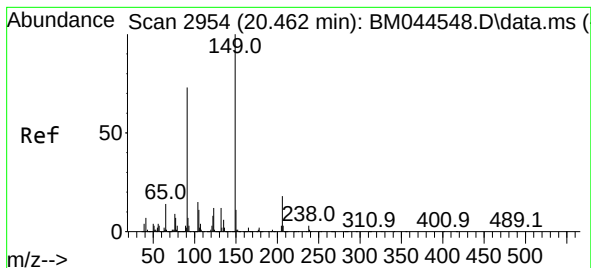
Ion Ratio Lower Upper

202 100

101 14.1 12.5 18.7

100 11.6 10.0 15.0





#83

Butylbenzylphthalate

Concen: 3.244 ng/ul

RT: 20.462 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

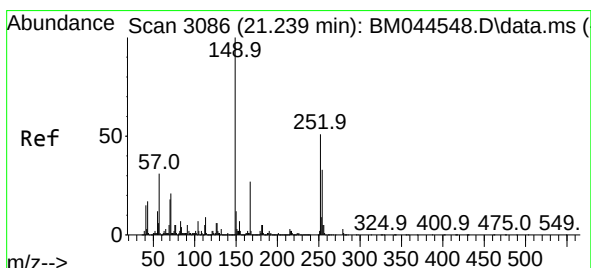
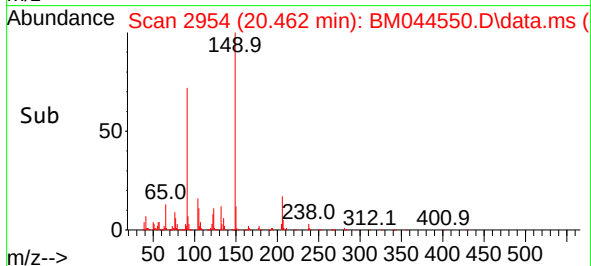
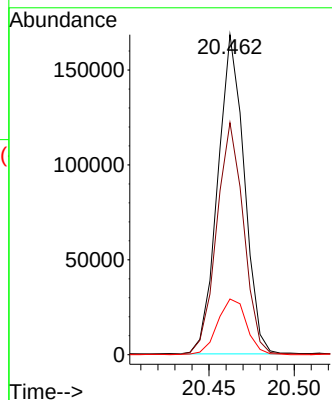
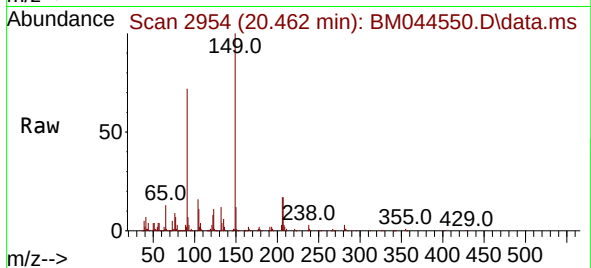
Tgt Ion:149 Resp: 181751

Ion Ratio Lower Upper

149 100

91 72.5 55.9 83.9

206 17.4 15.4 23.0



#84

3,3'-Dichlorobenzidine

Concen: 4.919 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

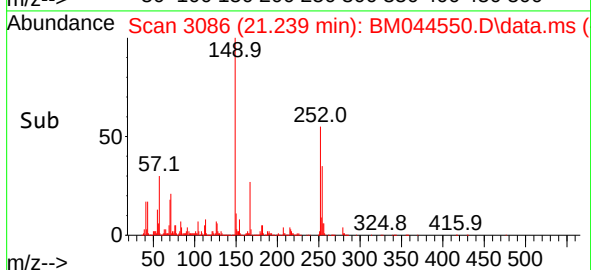
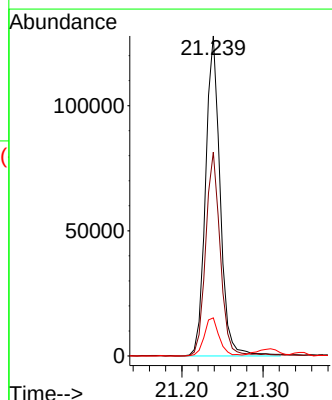
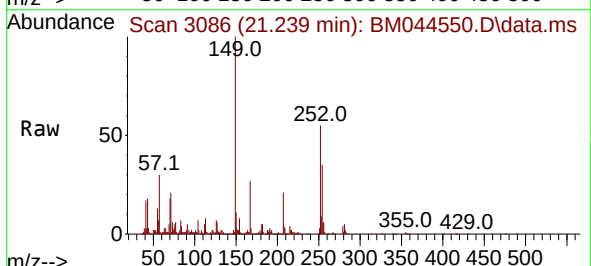
Tgt Ion:252 Resp: 159443

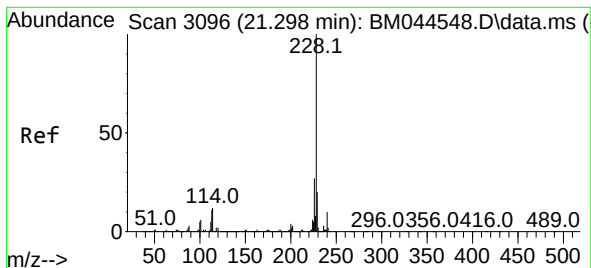
Ion Ratio Lower Upper

252 100

254 63.7 51.6 77.4

126 11.9 11.1 16.7





#85

Benzo(a)anthracene

Concen: 4.097 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

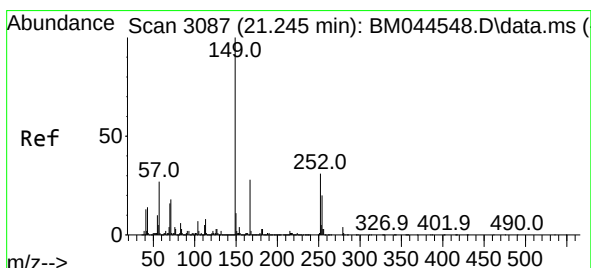
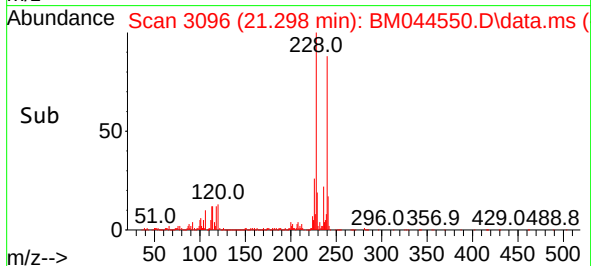
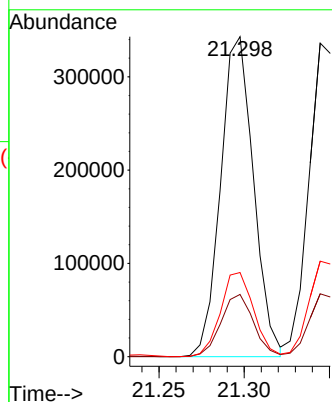
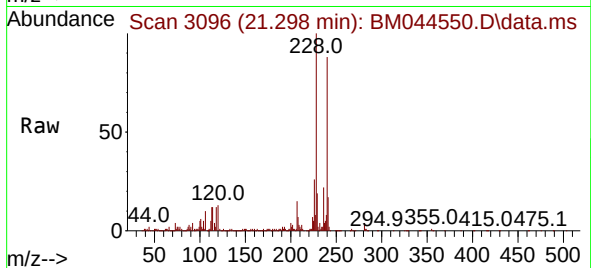
Tgt Ion:228 Resp: 460991

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

226 26.3 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.402 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

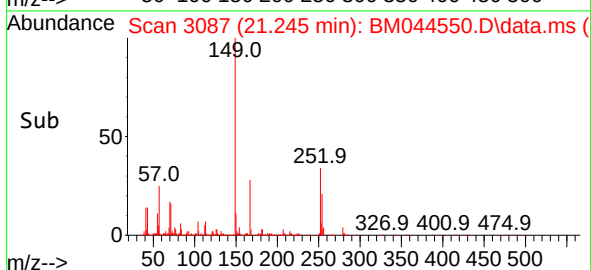
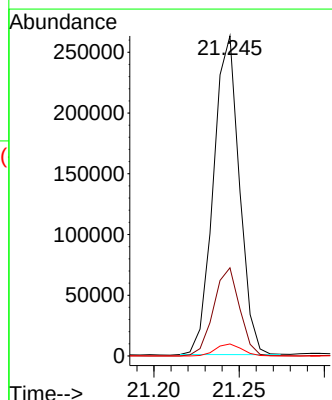
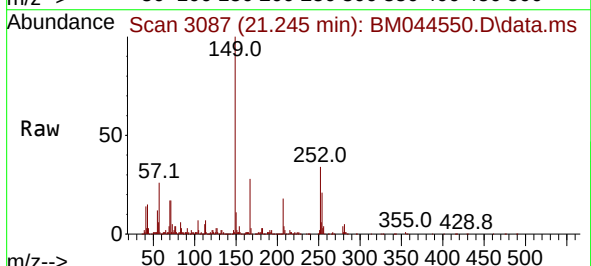
Tgt Ion:149 Resp: 277908

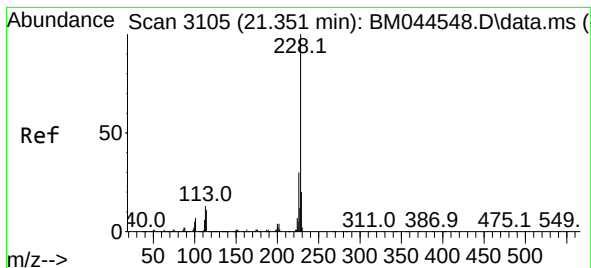
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 3.8 2.6 4.0





#87

Chrysene

Concen: 4.123 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

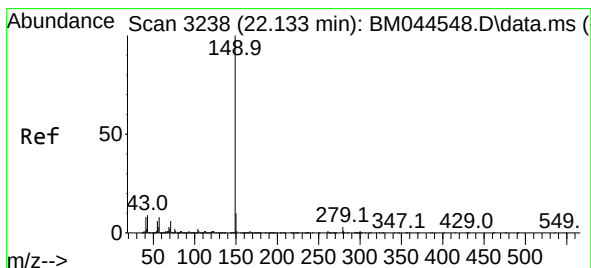
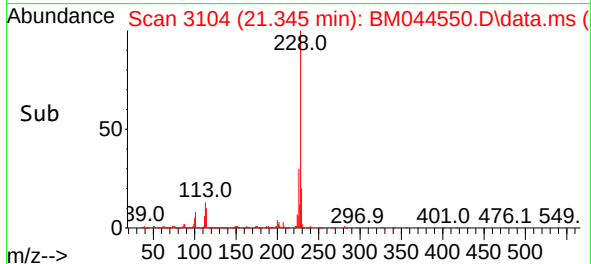
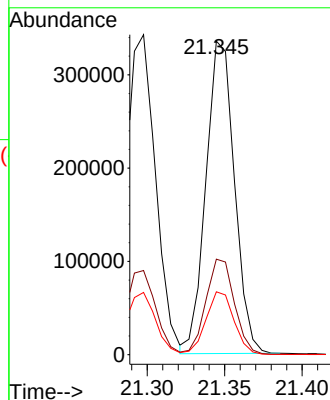
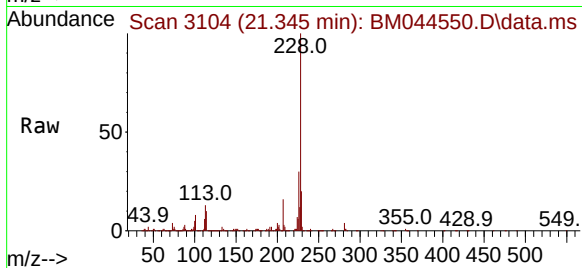
Tgt Ion:228 Resp: 429554

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 20.0 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 3.468 ng/ul

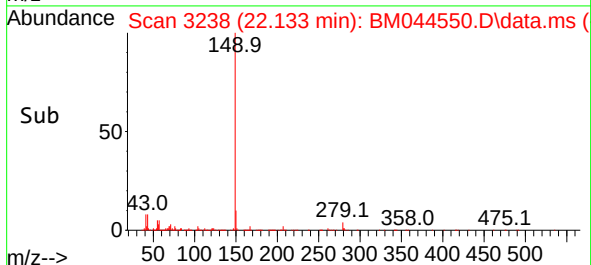
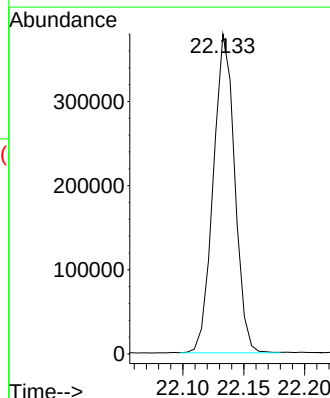
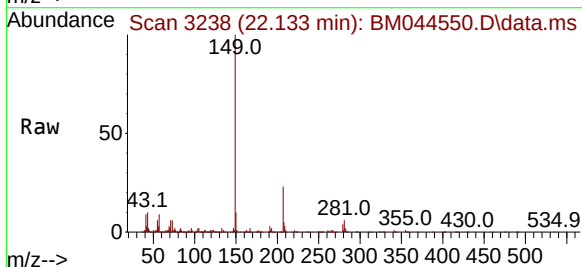
RT: 22.133 min Scan# 3238

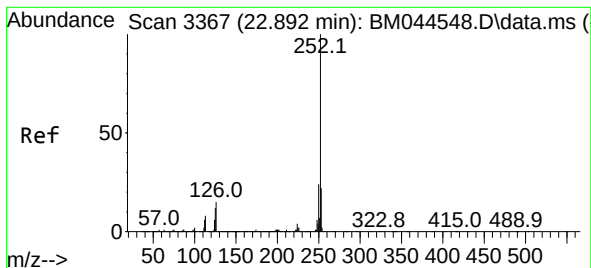
Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Tgt Ion:149 Resp: 464420





#90

Benzo(b)fluoranthene

Concen: 4.187 ng/ul

RT: 22.886 min Scan# 3366

Delta R.T. 0.000 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

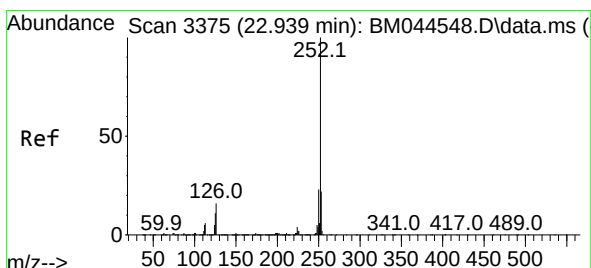
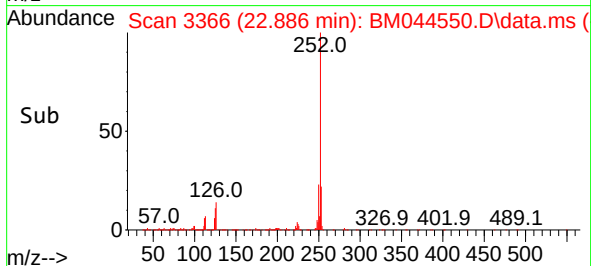
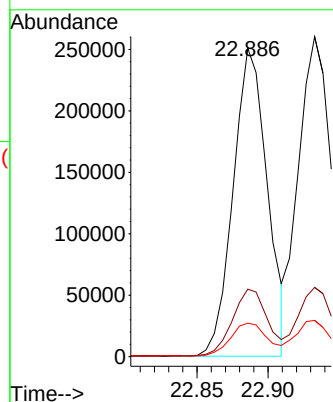
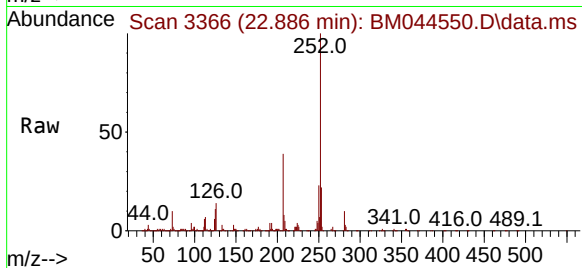
Tgt Ion:252 Resp: 419173

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.9 9.3 13.9



#91

Benzo(k)fluoranthene

Concen: 4.372 ng/ul

RT: 22.933 min Scan# 3374

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

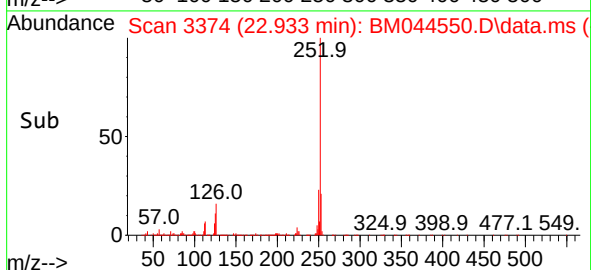
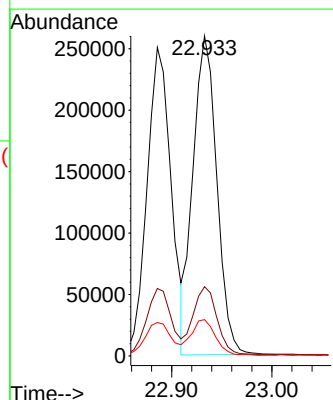
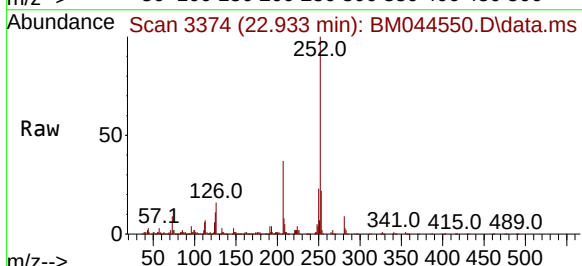
Tgt Ion:252 Resp: 428711

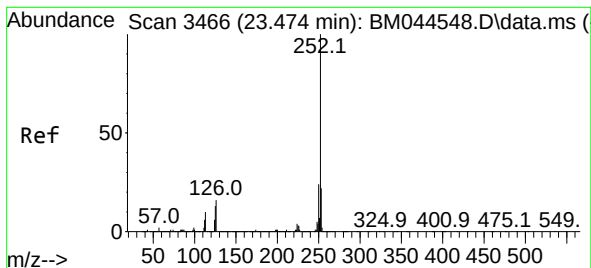
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.3 10.0 15.0





#93

Benzo(a)pyrene

Concen: 4.184 ng/ul

RT: 23.468 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

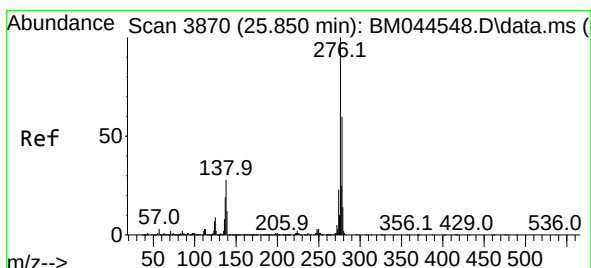
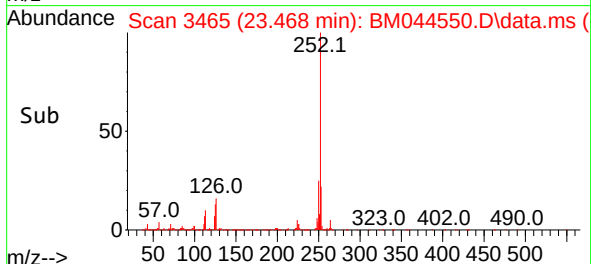
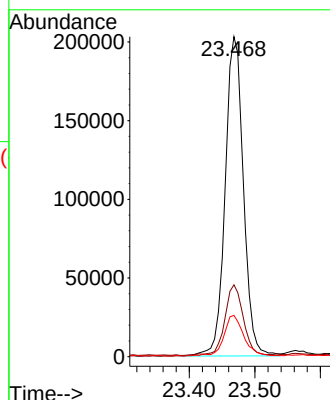
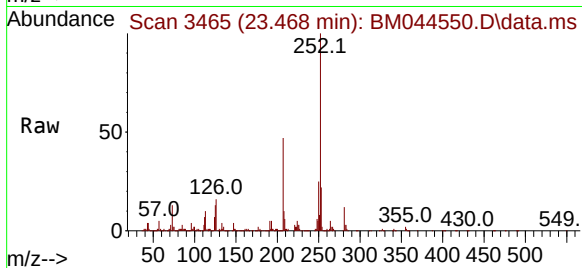
Tgt Ion:252 Resp: 391884

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 12.9 10.9 16.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.896 ng/ul

RT: 25.844 min Scan# 3869

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

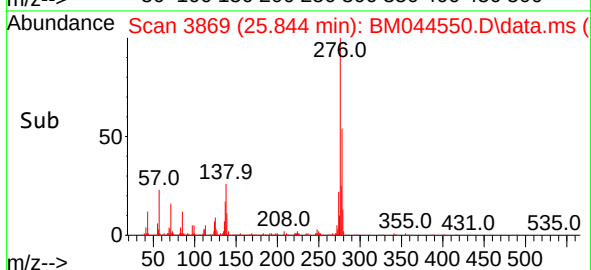
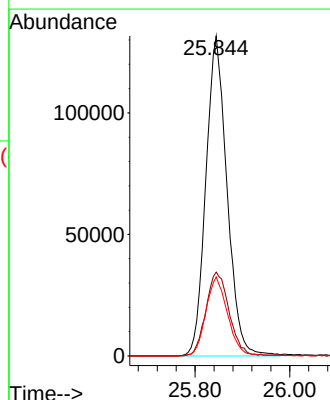
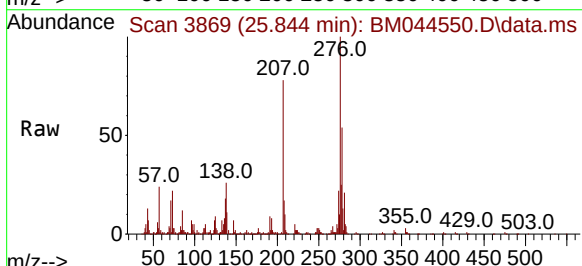
Tgt Ion:276 Resp: 409199

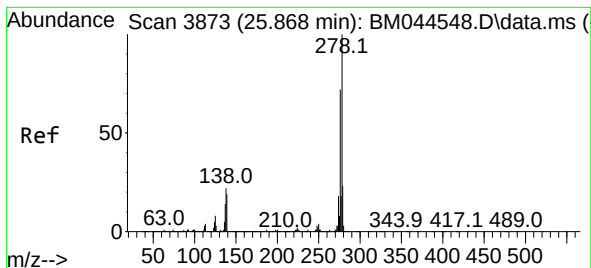
Ion Ratio Lower Upper

276 100

138 26.2 23.1 34.7

277 24.7 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 3.926 ng/ul

RT: 25.868 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT1-2024-01

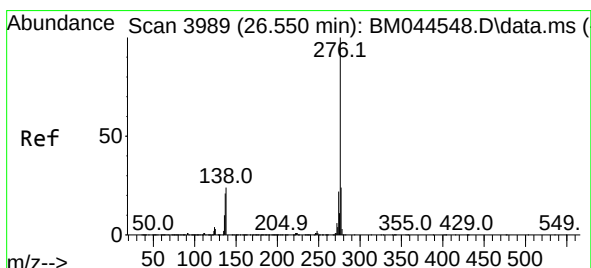
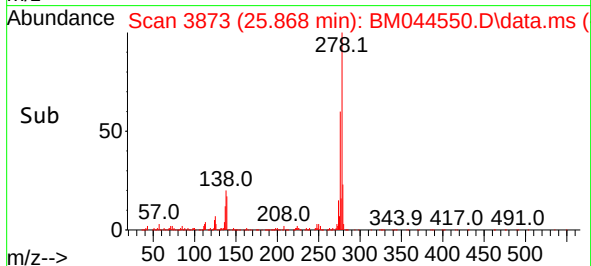
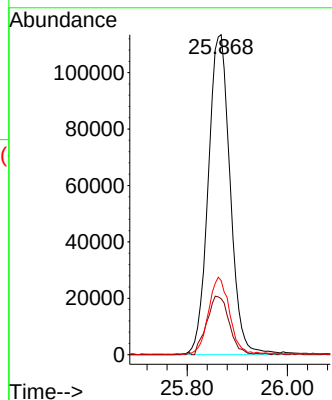
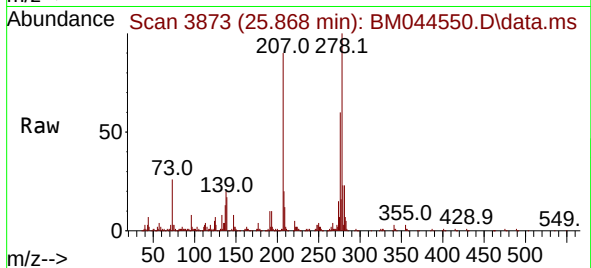
Tgt Ion:278 Resp: 343829

Ion Ratio Lower Upper

278 100

139 17.5 15.8 23.6

279 23.2 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 3.802 ng/ul

RT: 26.538 min Scan# 3987

Delta R.T. 0.006 min

Lab File: BM044550.D

Acq: 07 Mar 2024 14:36

Tgt Ion:276 Resp: 318677

Ion Ratio Lower Upper

276 100

138 25.9 20.8 31.2

277 23.0 19.0 28.4

