

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044055.D
 Acq On : 12 Feb 2024 14:05
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Feb 12 14:42:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	473028	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1917278	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1074269	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2105289	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1713198	20.000	ng	0.00
86) Perylene-d12	23.892	264	1913465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2718835	83.597	ng	0.00
7) Phenol-d6	7.075	99	3466042	83.760	ng	0.00
23) Nitrobenzene-d5	9.075	82	2254992	62.410	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	972506	83.610	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4705375	61.817	ng	0.00
79) Terphenyl-d14	19.939	244	5928454	60.663	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	85044	6.589	ng	99
3) Pyridine	3.787	79	196779	5.775	ng	98
4) n-Nitrosodimethylamine	3.710	42	80020	6.189	ng	# 96
6) Aniline	7.240	93	286300	7.037	ng	98
8) 2-Chlorophenol	7.469	128	202976	5.976	ng	98
9) Benzaldehyde	7.051	77	182563	8.585	ng	99
10) Phenol	7.098	94	255811	6.125	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	209521	6.058	ng	98
12) 1,3-Dichlorobenzene	7.793	146	225828	5.856	ng	97
13) 1,4-Dichlorobenzene	7.940	146	231378	5.953	ng	99
14) 1,2-Dichlorobenzene	8.251	146	218569	5.901	ng	98
15) Benzyl Alcohol	8.151	79	159426	5.917	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	271628	6.196	ng	100
17) 2-Methylphenol	8.351	107	159139	5.805	ng	97
18) Hexachloroethane	8.975	117	82447	5.665	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	150400	5.919	ng	99
20) 3+4-Methylphenols	8.681	107	211761	5.612	ng	100
22) Acetophenone	8.734	105	310483	6.380	ng	# 96
24) Nitrobenzene	9.116	77	230206	6.222	ng	98
25) Isophorone	9.640	82	398856	5.733	ng	100
26) 2-Nitrophenol	9.822	139	86969	5.070	ng	94
27) 2,4-Dimethylphenol	9.887	122	148720	6.780	ng	94
28) bis(2-Chloroethoxy)met...	10.134	93	274866	6.109	ng	97
29) 2,4-Dichlorophenol	10.351	162	160905	5.572	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	191282	5.890	ng	98
31) Naphthalene	10.757	128	642979	6.076	ng	99
32) Benzoic acid	9.957	122	63494	2.874	ng	97
33) 4-Chloroaniline	10.875	127	247291	6.172	ng	98
34) Hexachlorobutadiene	11.034	225	103813	5.585	ng	98
35) Caprolactam	11.645	113	43609	4.693	ng	96
36) 4-Chloro-3-methylphenol	11.998	107	166558	5.326	ng	100
37) 2-Methylnaphthalene	12.369	142	413033	5.860	ng	96
38) 1-Methylnaphthalene	12.586	142	406307	5.866	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	197072	6.311	ng	99
41) Hexachlorocyclopentadiene	12.704	237	98461	7.225	ng	97
43) 2,4,6-Trichlorophenol	12.980	196	111542	5.249	ng	99

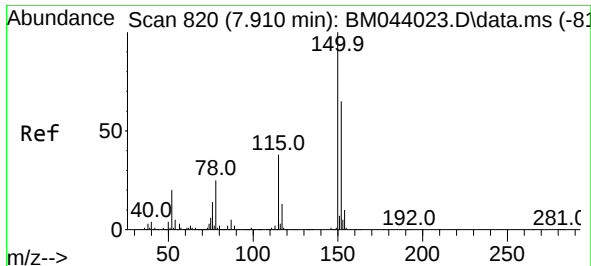
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	125826	5.396	ng	97
46) 1,1'-Biphenyl	13.386	154	543864	6.416	ng	99
47) 2-Chloronaphthalene	13.422	162	410398	6.112	ng	99
48) 2-Nitroaniline	13.633	65	101903	5.394	ng	88
49) Acenaphthylene	14.269	152	654113	6.530	ng	99
50) Dimethylphthalate	14.016	163	483537	6.071	ng	99
51) 2,6-Dinitrotoluene	14.139	165	90281	5.137	ng	91
52) Acenaphthene	14.610	154	378069	6.098	ng	98
53) 3-Nitroaniline	14.463	138	98669	5.224	ng	92
54) 2,4-Dinitrophenol	14.669	184	31083	8.328	ng	92
55) Dibenzofuran	14.945	168	609358	6.350	ng	99
56) 4-Nitrophenol	14.763	139	69776	4.545	ng	92
57) 2,4-Dinitrotoluene	14.922	165	110842	4.826	ng	# 90
58) Fluorene	15.598	166	471184	6.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	105193	5.749	ng	99
60) Diethylphthalate	15.380	149	461394	5.605	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	227786	6.340	ng	99
62) 4-Nitroaniline	15.627	138	91736	4.826	ng	99
63) Azobenzene	15.892	77	456602	5.912	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	48624	3.876	ng	97
66) n-Nitrosodiphenylamine	15.816	169	391610	6.123	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	109712	5.271	ng	97
68) Hexachlorobenzene	16.592	284	149630	5.868	ng	98
69) Atrazine	16.774	200	117292	6.772	ng	99
70) Pentachlorophenol	16.945	266	69720	4.203	ng	100
71) Phenanthrene	17.339	178	712717	6.411	ng	99
72) Anthracene	17.433	178	682714	6.203	ng	99
73) Carbazole	17.710	167	625395	5.843	ng	100
74) Di-n-butylphthalate	18.286	149	695725	5.001	ng	99
75) Fluoranthene	19.362	202	728419	5.833	ng	99
77) Benzidine	19.562	184	258382	9.705	ng	98
78) Pyrene	19.727	202	765299	5.800	ng	100
80) Butylbenzylphthalate	20.651	149	259876	4.431	ng	98
81) Benzo(a)anthracene	21.486	228	722901	6.066	ng	98
82) 3,3'-Dichlorobenzidine	21.427	252	227160	5.810	ng	99
83) Chrysene	21.539	228	675672	6.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	394941	4.564	ng	99
85) Di-n-octyl phthalate	22.374	149	623007	4.122	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	792643	5.853	ng	99
88) Benzo(b)fluoranthene	23.168	252	712505	5.957	ng	99
89) Benzo(k)fluoranthene	23.215	252	638229	5.615	ng	99
90) Benzo(a)pyrene	23.786	252	582317	5.574	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	671104	5.924	ng	99
92) Benzo(g,h,i)perylene	27.132	276	649507	5.653	ng	99

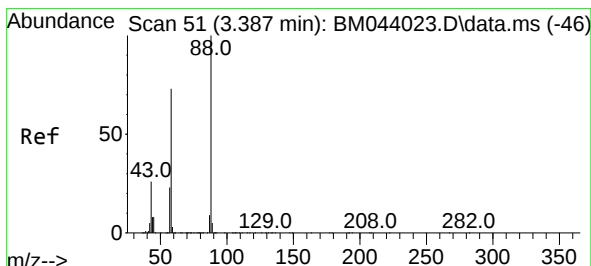
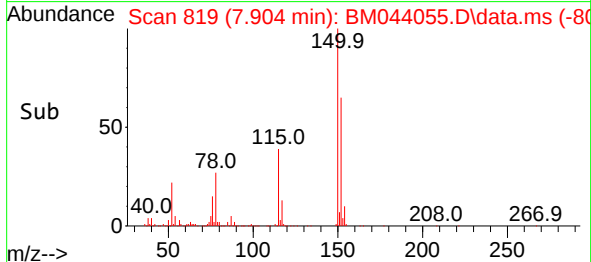
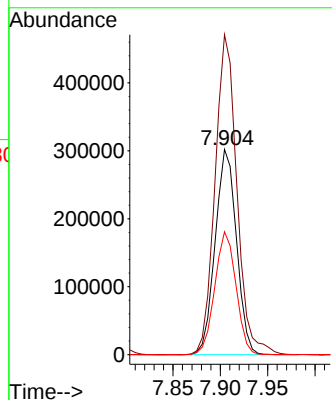
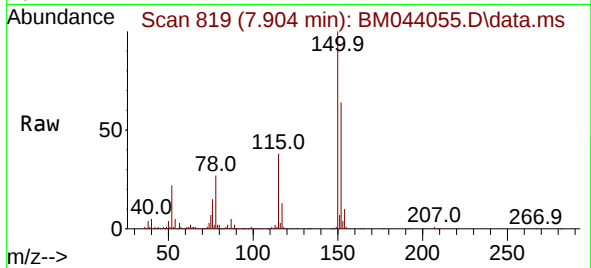
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

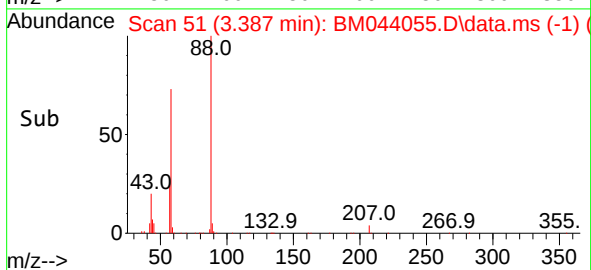
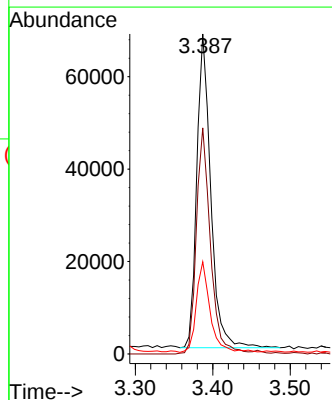
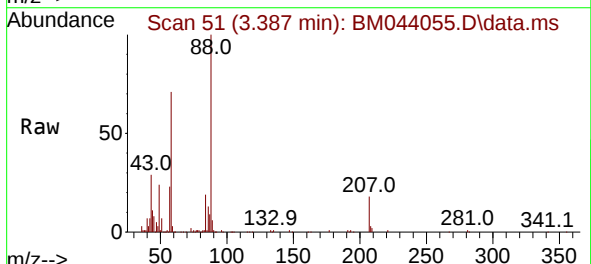
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

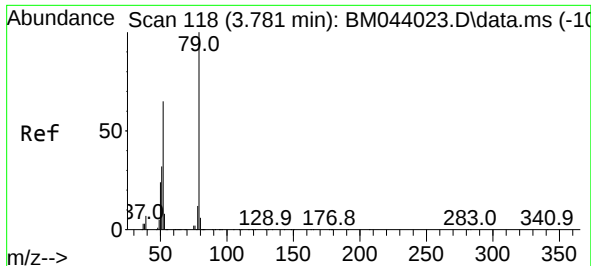
Tgt Ion:152 Resp: 473028
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 59.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 6.589 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

Tgt Ion: 88 Resp: 85044
 Ion Ratio Lower Upper
 88 100
 58 72.3 58.1 87.1
 43 28.6 21.1 31.7

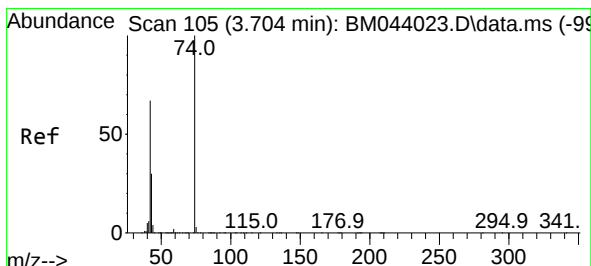
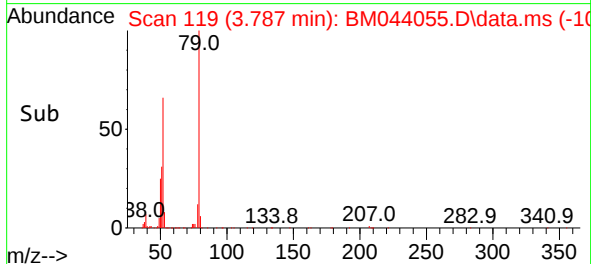
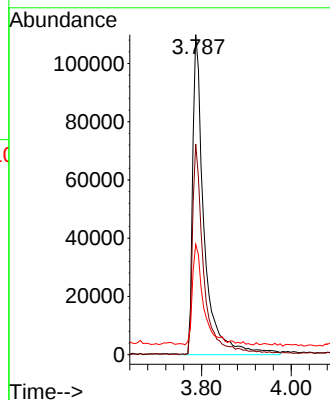
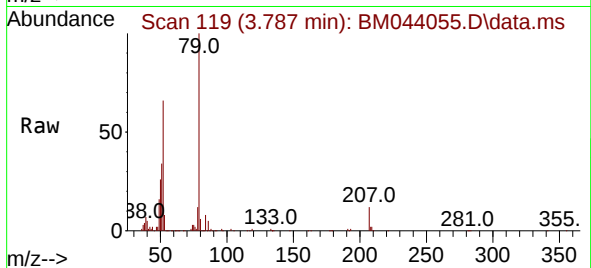




#3
Pyridine
Concen: 5.775 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

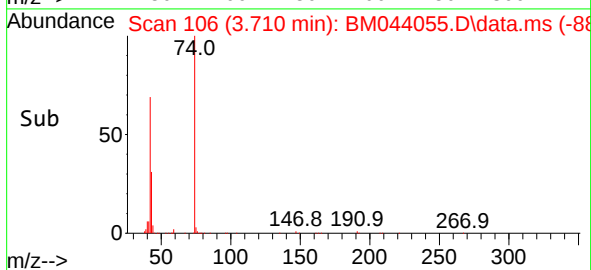
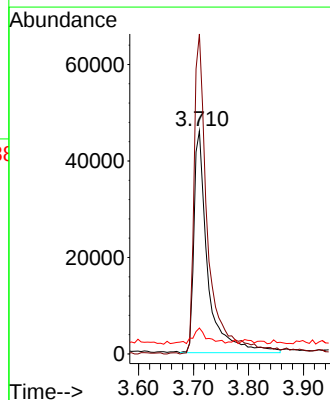
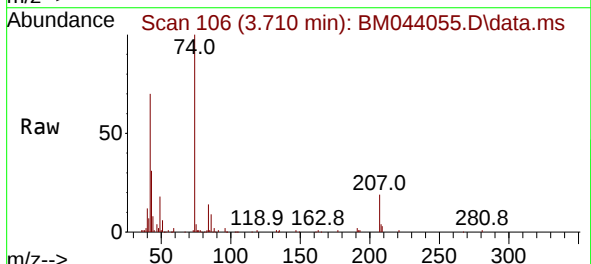
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

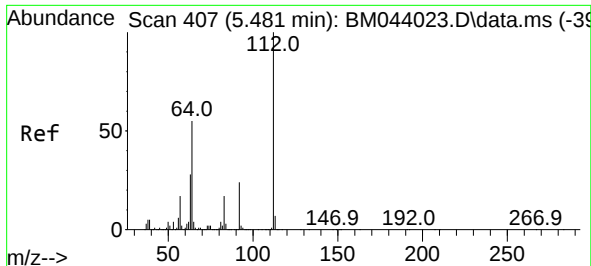
Tgt Ion: 79 Resp: 196779
Ion Ratio Lower Upper
79 100
52 65.9 52.2 78.2
51 34.5 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 6.189 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 42 Resp: 80020
Ion Ratio Lower Upper
42 100
74 143.4 118.6 178.0
44 11.6 5.6 8.4

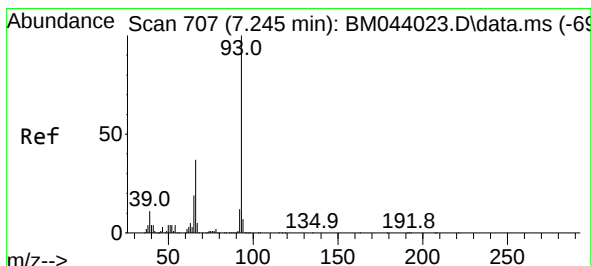
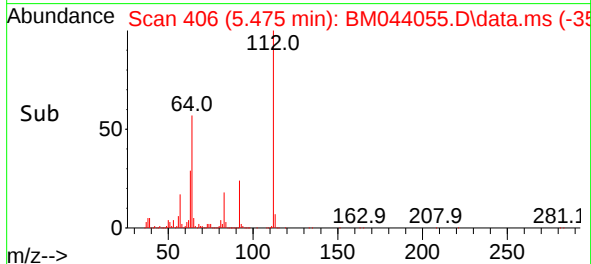
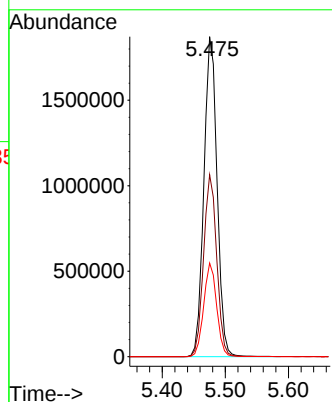
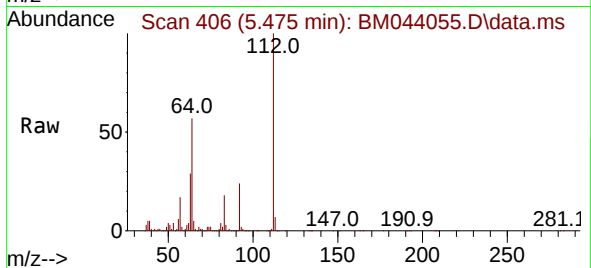




#5
2-Fluorophenol
Concen: 83.597 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

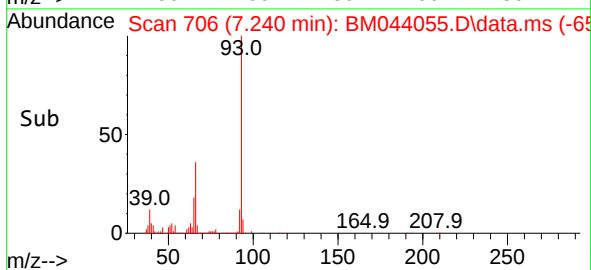
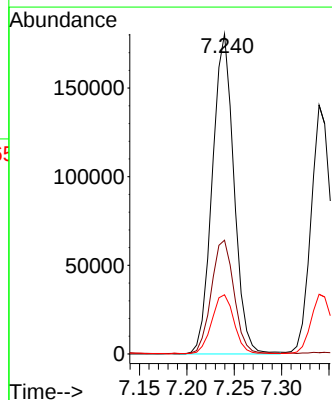
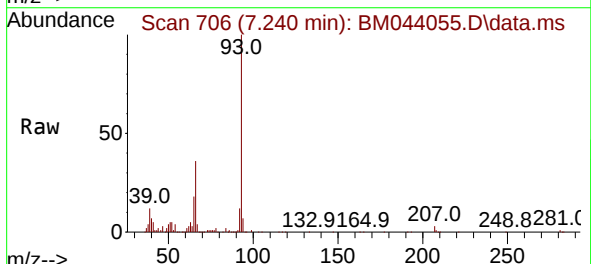
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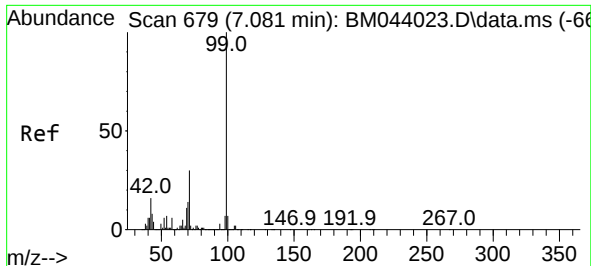
Tgt Ion:112 Resp: 2718835
Ion Ratio Lower Upper
112 100
64 56.8 44.2 66.4
63 29.3 22.6 34.0



#6
Aniline
Concen: 7.037 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 93 Resp: 286300
Ion Ratio Lower Upper
93 100
66 35.5 29.4 44.0
65 18.5 15.2 22.8



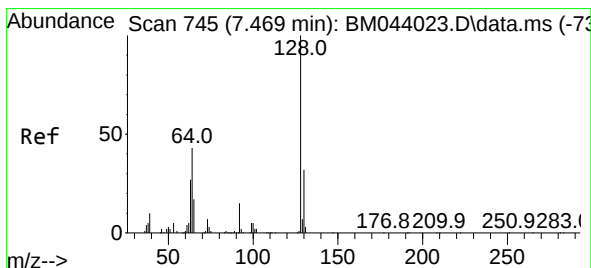
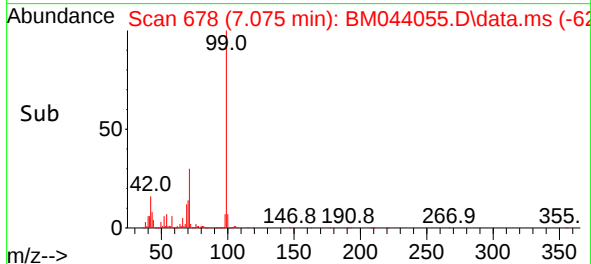
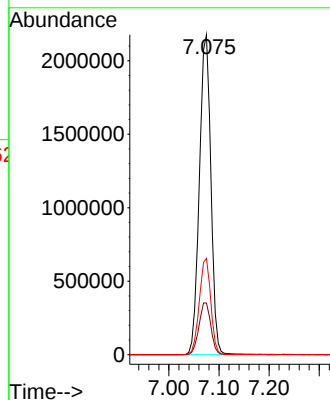
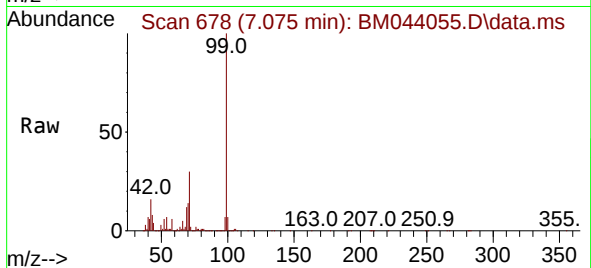


#7
Phenol-d6
Concen: 83.760 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 99 Resp: 3466042

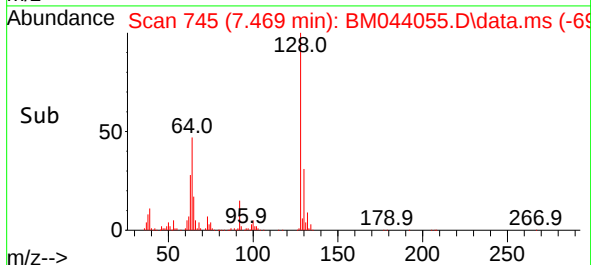
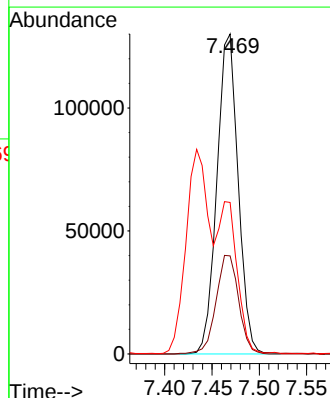
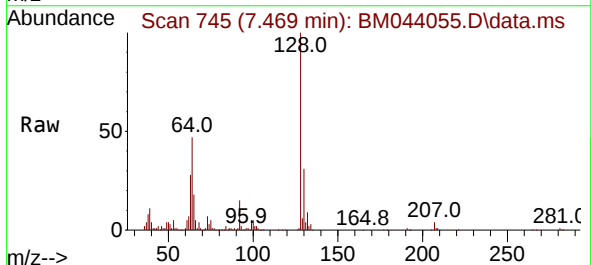
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.9	19.3
71	30.1	23.9	35.9

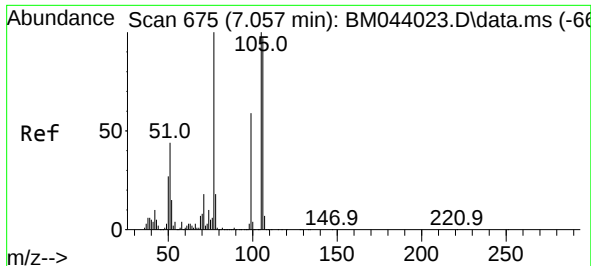


#8
2-Chlorophenol
Concen: 5.976 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 128 Resp: 202976

Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.1	52.1
64	47.3	26.0	66.0

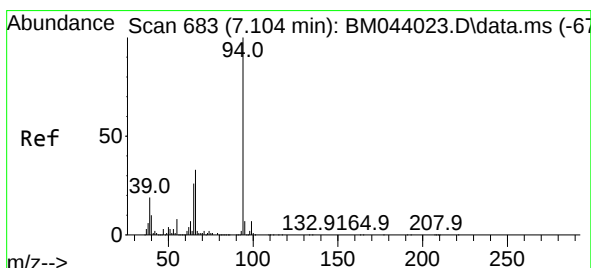
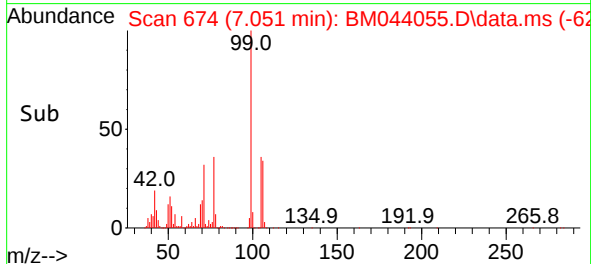
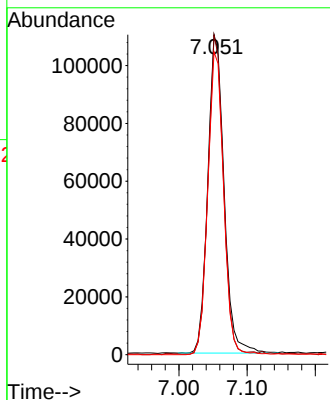
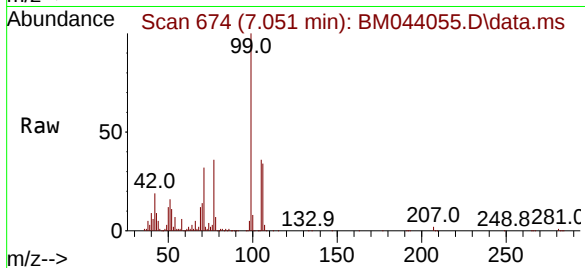




#9
Benzaldehyde
Concen: 8.585 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

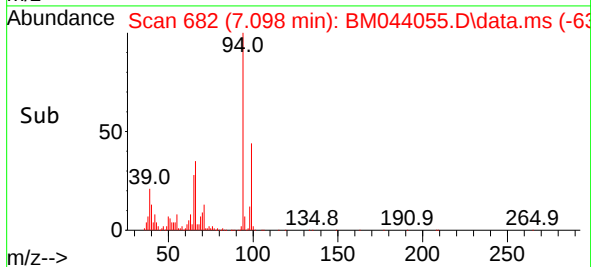
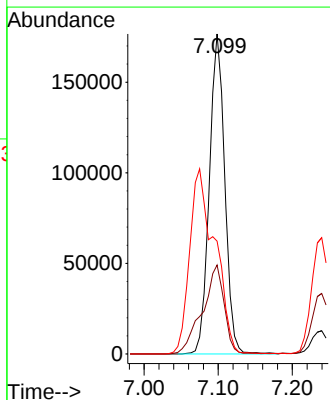
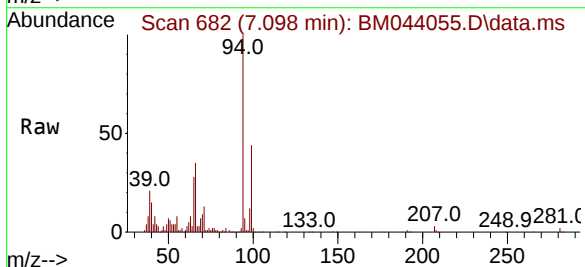
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ClientSampleId :
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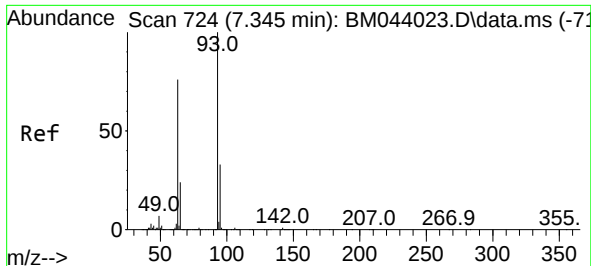
Tgt Ion: 77 Resp: 182563
Ion Ratio Lower Upper
77 100
105 99.8 80.0 120.0
106 94.6 76.8 116.8



#10
Phenol
Concen: 6.125 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 94 Resp: 255811
Ion Ratio Lower Upper
94 100
65 27.8 6.4 46.4
66 35.3 13.2 53.2

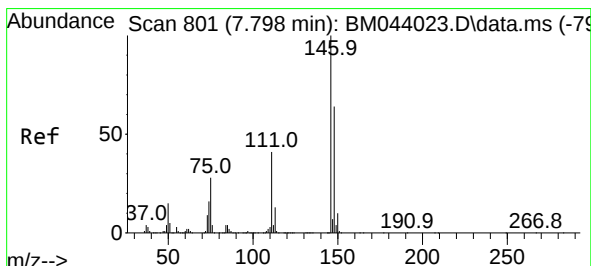
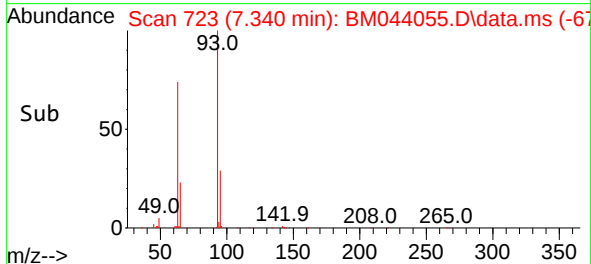
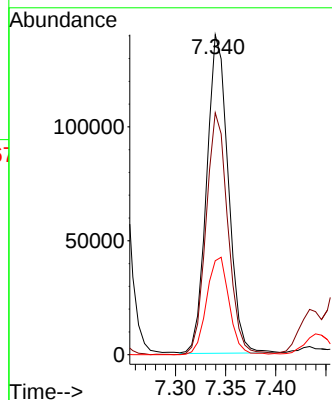
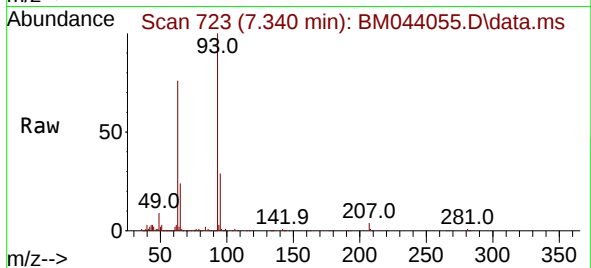




#11
bis(2-Chloroethyl)ether
Concen: 6.058 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

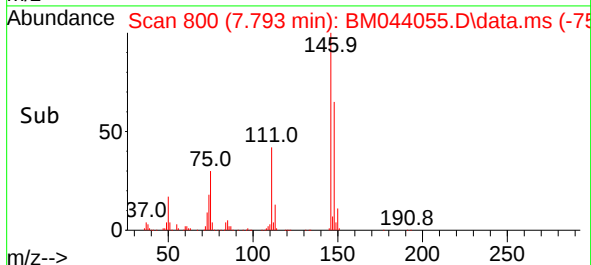
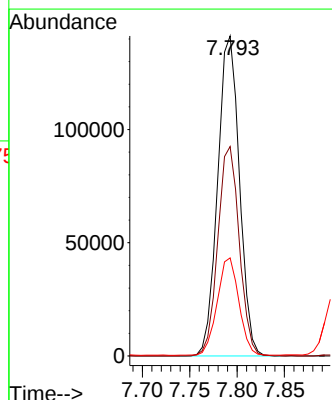
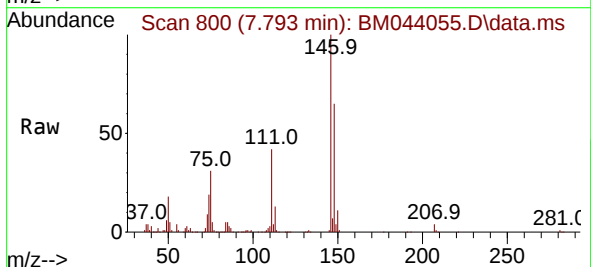
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 93 Resp: 209521
Ion Ratio Lower Upper
93 100
63 75.6 55.9 95.9
95 29.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 5.856 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:146 Resp: 225828
Ion Ratio Lower Upper
146 100
148 65.5 51.3 76.9
75 30.7 22.7 34.1

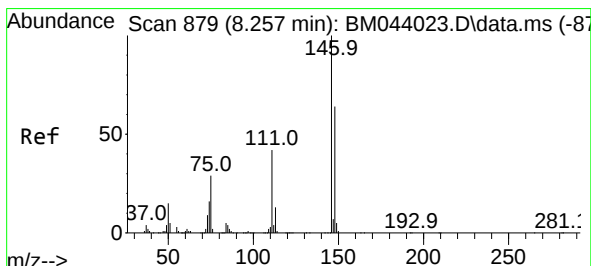
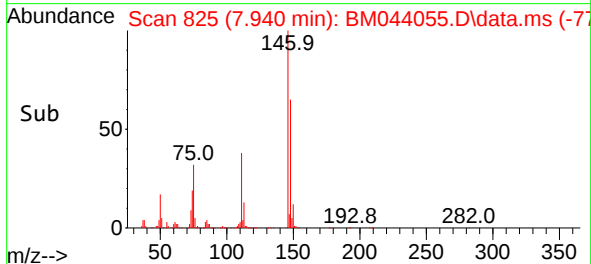
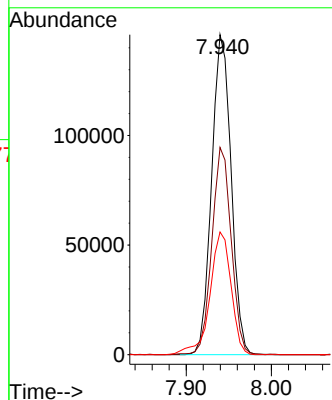
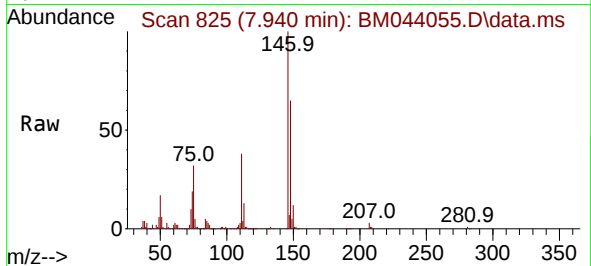




#13
1,4-Dichlorobenzene
Concen: 5.953 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

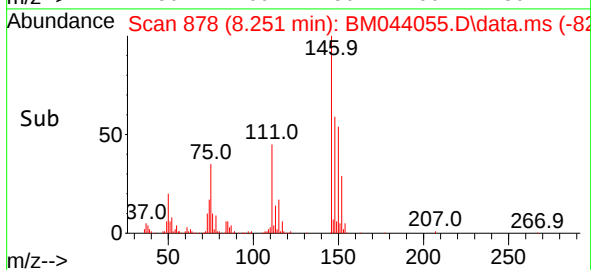
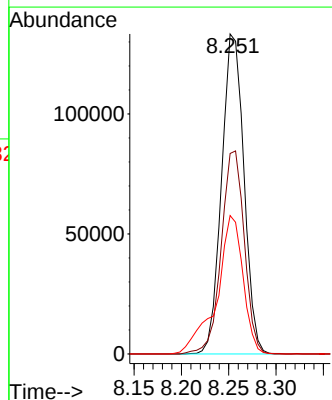
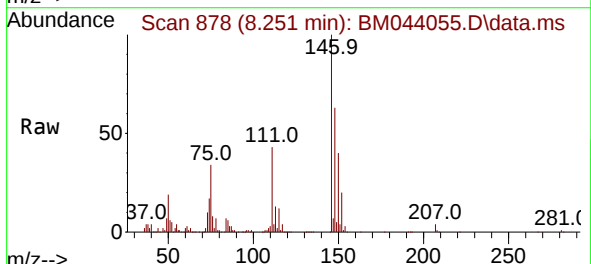
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

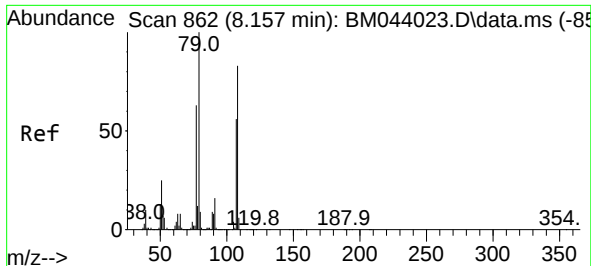
Tgt Ion:146 Resp: 231378
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 38.4 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 5.901 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:146 Resp: 218569
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
111 43.2 33.7 50.5

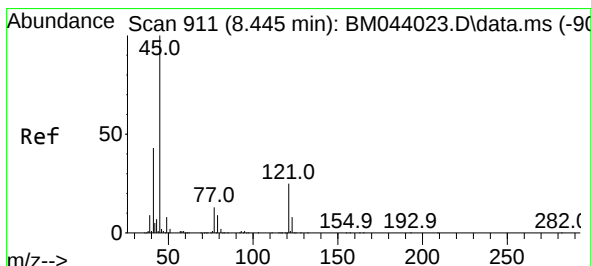
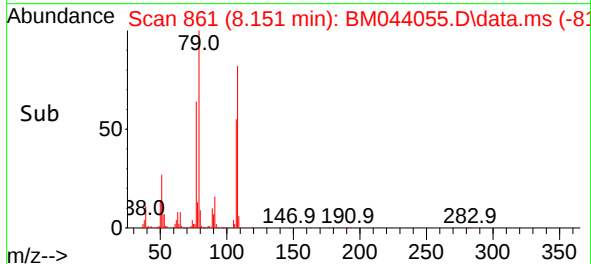
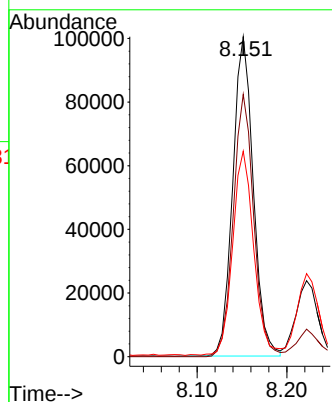
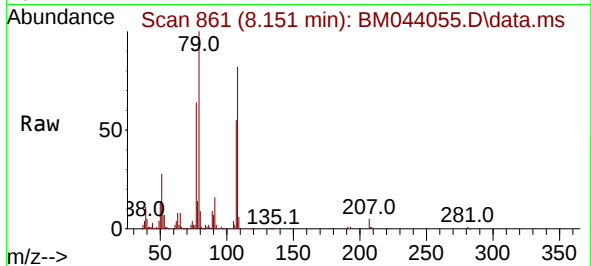




#15
Benzyl Alcohol
Concen: 5.917 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

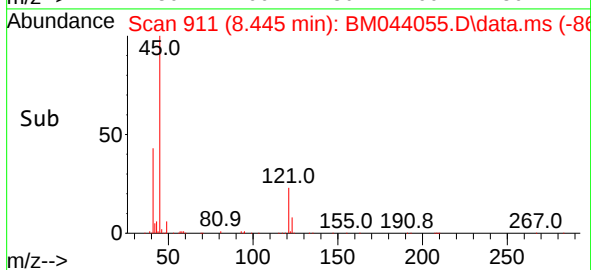
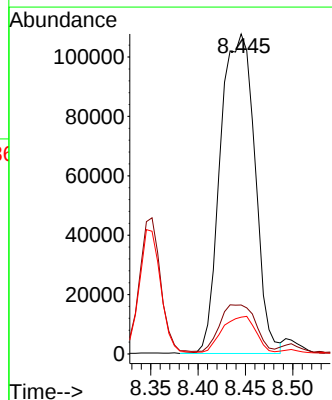
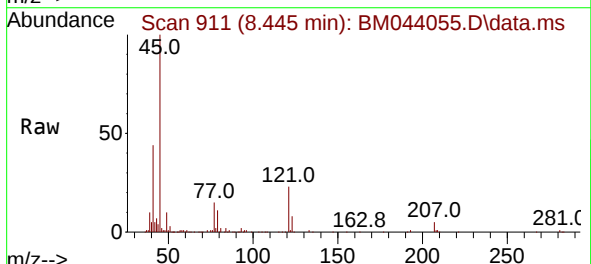
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

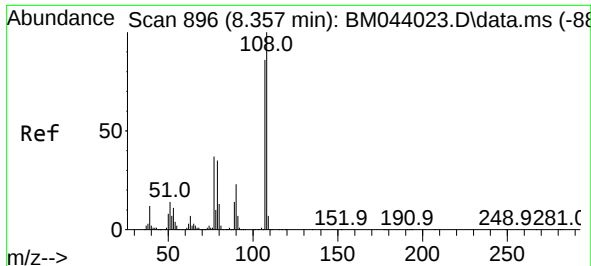
Tgt Ion: 79 Resp: 159426
Ion Ratio Lower Upper
79 100
108 81.9 66.0 99.0
77 64.2 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.196 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 45 Resp: 271628
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 11.5 0.0 31.5

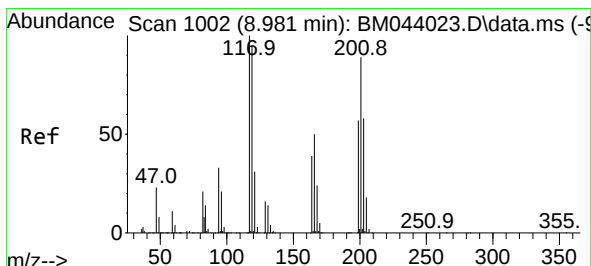
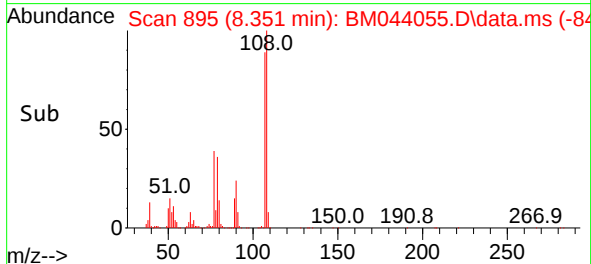
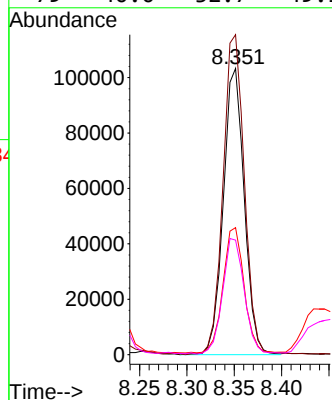
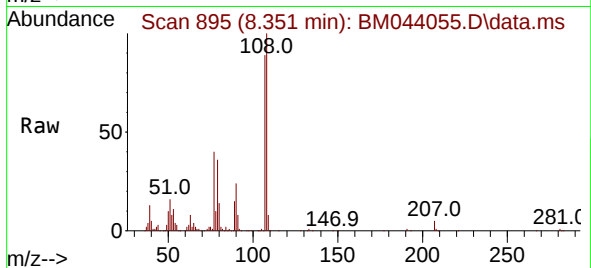




#17
2-Methylphenol
Concen: 5.805 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

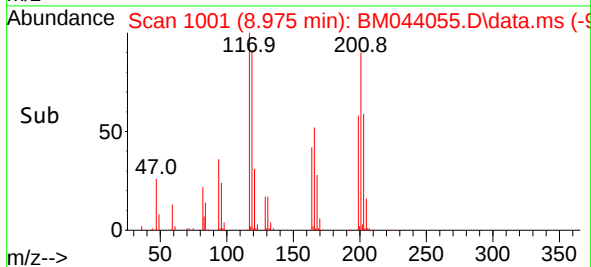
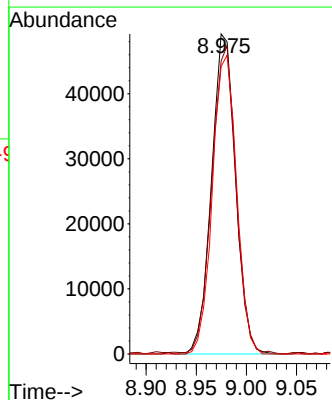
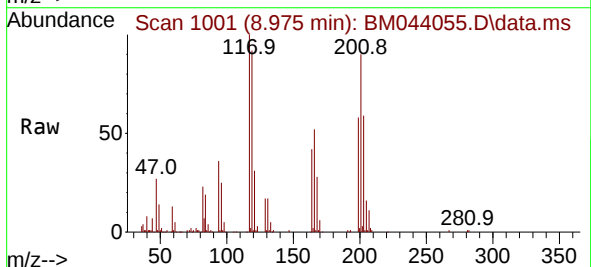
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

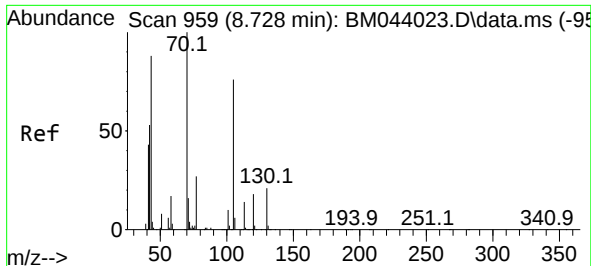
Tgt Ion:	107	Resp:	159139
Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.4	140.2
77	44.4	34.7	52.1
79	40.0	32.7	49.1



#18
Hexachloroethane
Concen: 5.665 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:	117	Resp:	82447
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.7	113.5
201	89.8	71.5	107.3

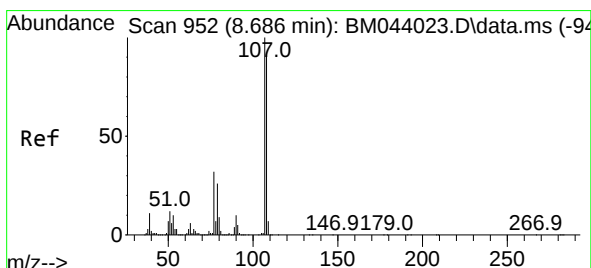
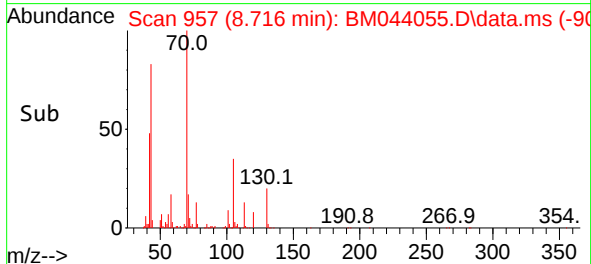
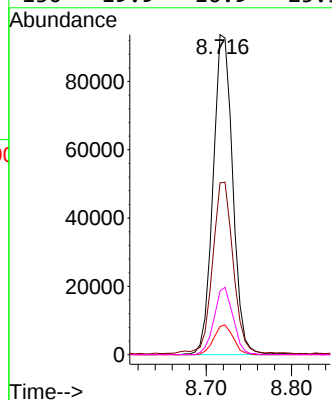
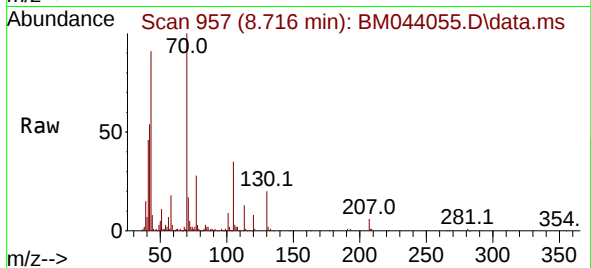




#19
n-Nitroso-di-n-propylamine
Concen: 5.919 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

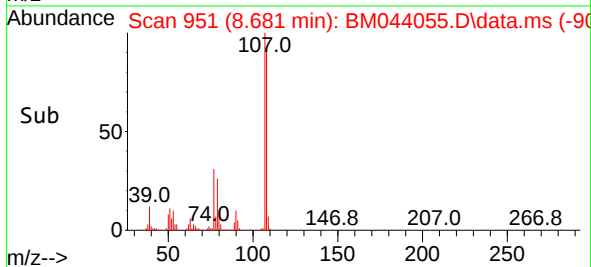
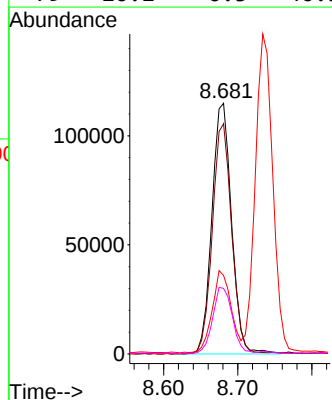
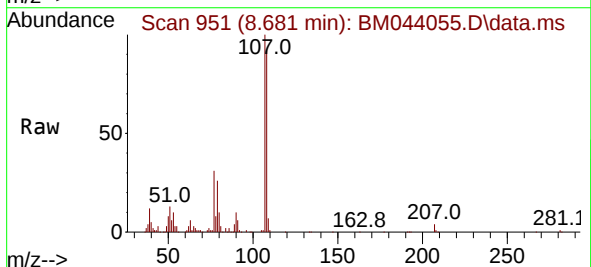
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

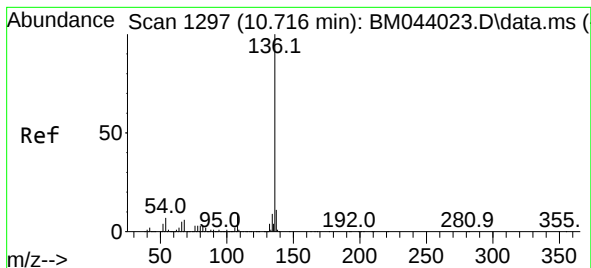
Tgt Ion: 70 Resp: 150400
Ion Ratio Lower Upper
70 100
42 53.7 42.6 64.0
101 8.8 7.8 11.6
130 19.9 16.9 25.3



#20
3+4-Methylphenols
Concen: 5.612 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 107 Resp: 211761
Ion Ratio Lower Upper
107 100
108 91.8 71.5 111.5
77 31.3 11.8 51.8
79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:136 Resp: 1917278

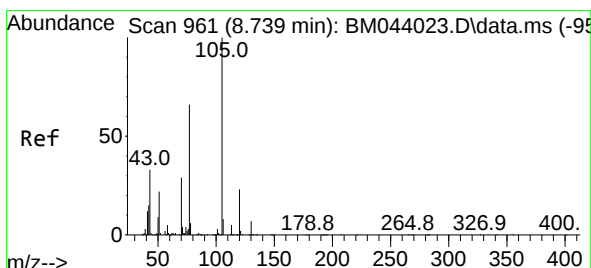
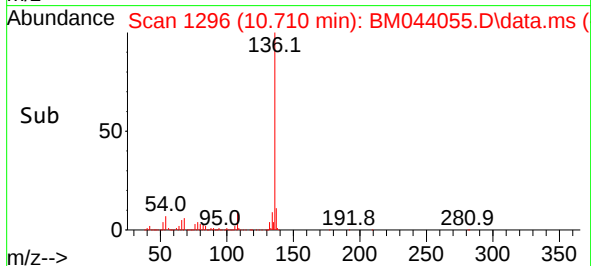
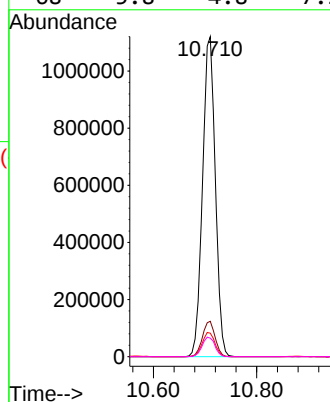
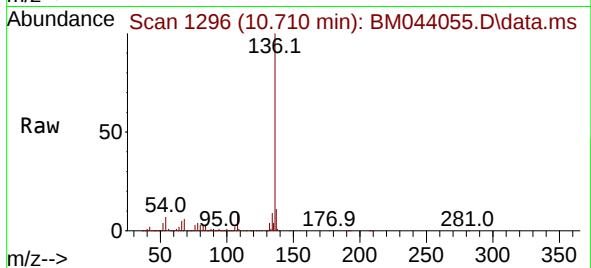
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 5.9 8.9

68 5.8 4.8 7.2



#22

Acetophenone

Concen: 6.380 ng

RT: 8.734 min Scan# 960

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:105 Resp: 310483

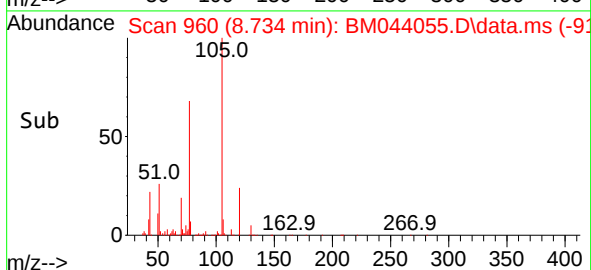
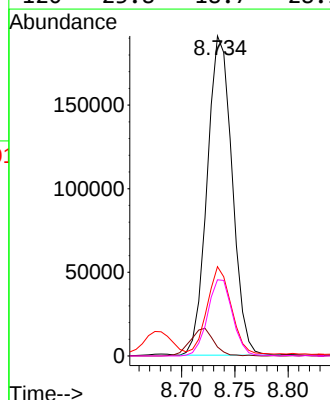
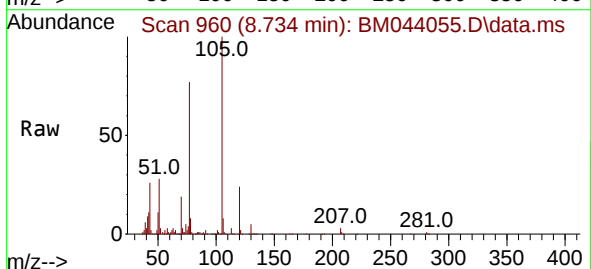
Ion Ratio Lower Upper

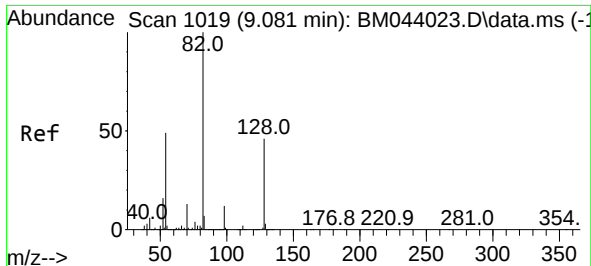
105 100

71 2.8 4.0 6.0#

51 27.9 20.1 30.1

120 23.8 18.7 28.1

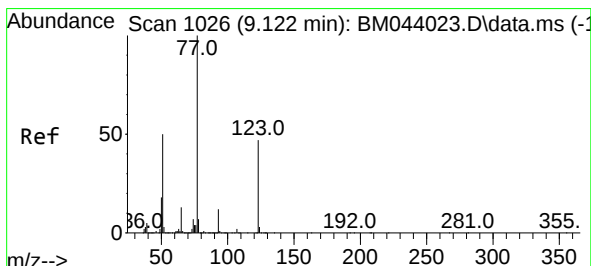
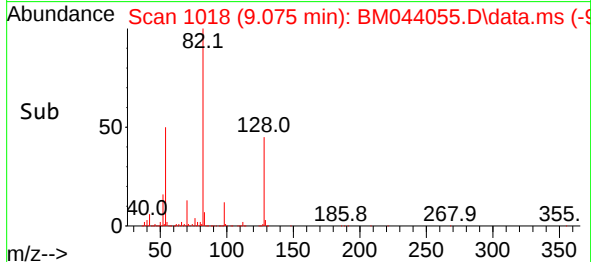
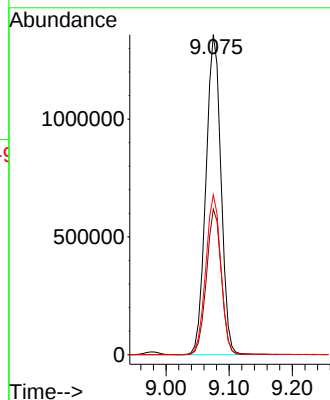
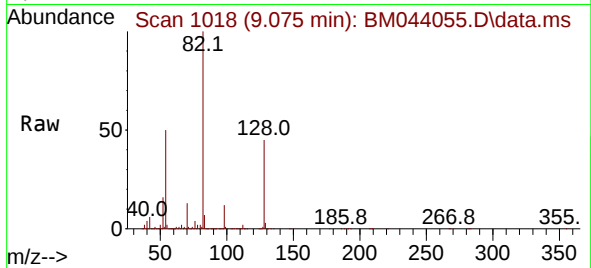




#23
Nitrobenzene-d5
Concen: 62.410 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

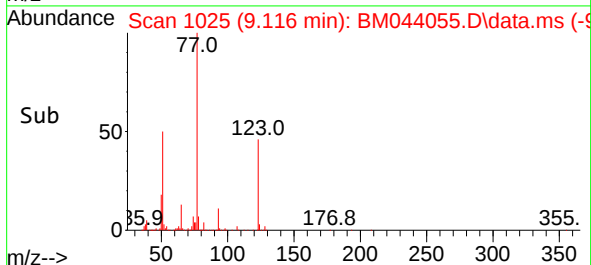
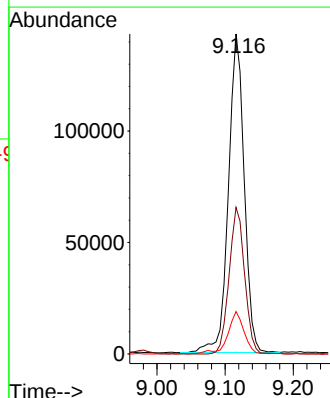
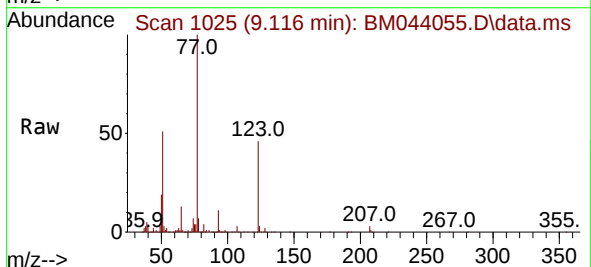
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

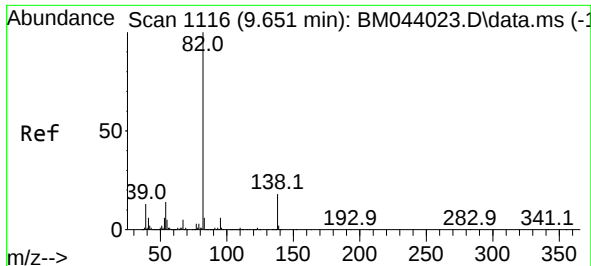
Tgt Ion: 82 Resp: 2254992
Ion Ratio Lower Upper
82 100
128 45.5 37.1 55.7
54 50.0 38.9 58.3



#24
Nitrobenzene
Concen: 6.222 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 77 Resp: 230206
Ion Ratio Lower Upper
77 100
123 45.8 37.8 56.8
65 13.2 10.5 15.7

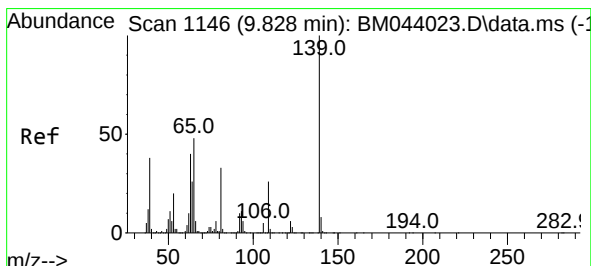
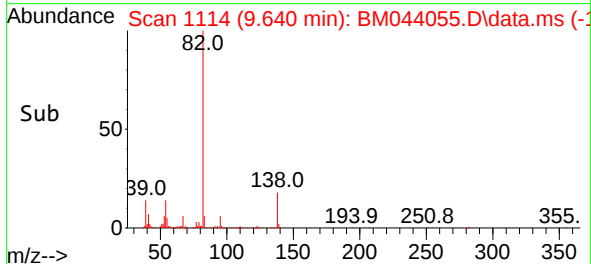
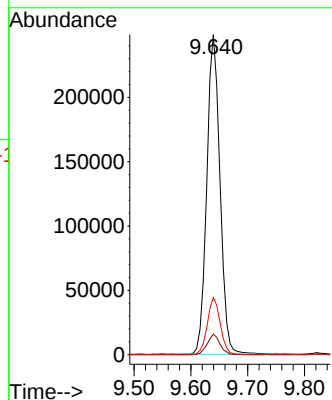
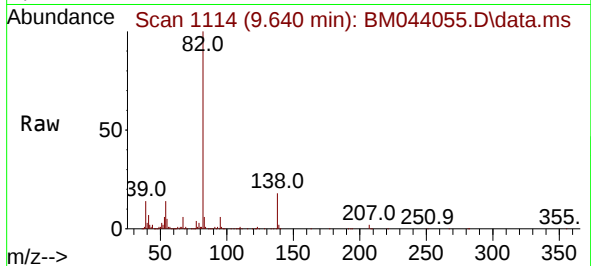




#25
Isophorone
Concen: 5.733 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

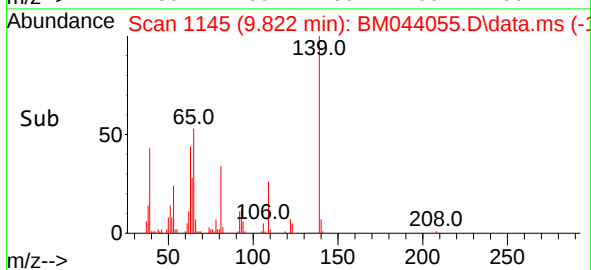
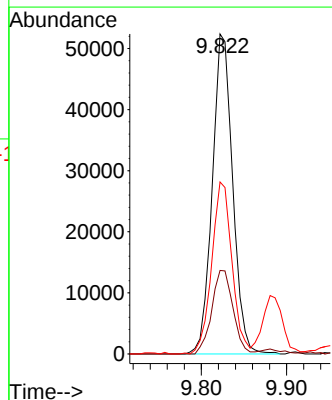
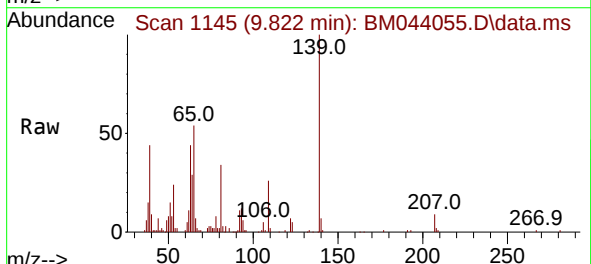
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

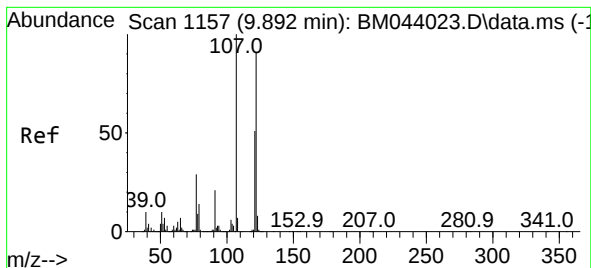
Tgt Ion: 82 Resp: 398856
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.9 14.3 21.5



#26
2-Nitrophenol
Concen: 5.070 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 139 Resp: 86969
Ion Ratio Lower Upper
139 100
109 26.1 21.2 31.8
65 53.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 6.780 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

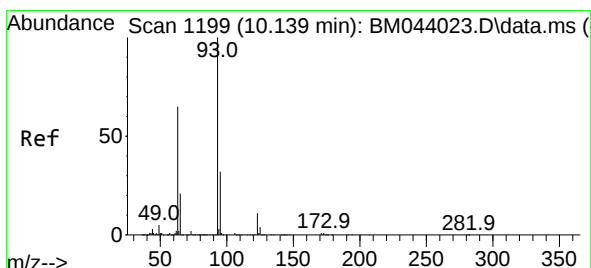
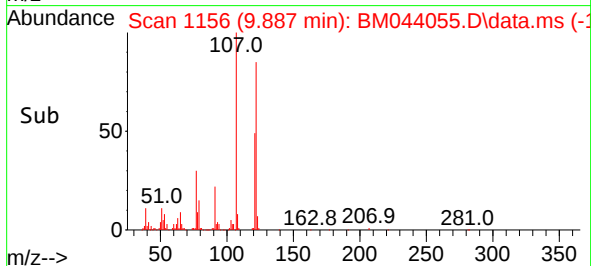
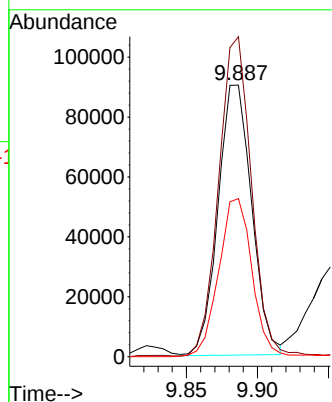
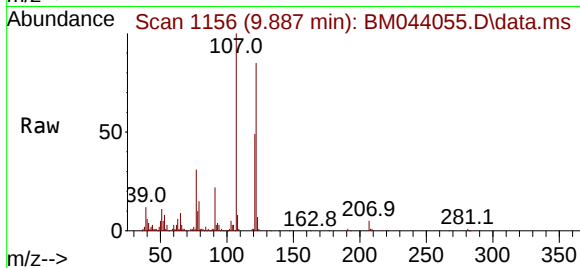
Tgt Ion:122 Resp: 148720

Ion Ratio Lower Upper

122 100

107 117.9 87.8 131.8

121 58.2 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 6.109 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

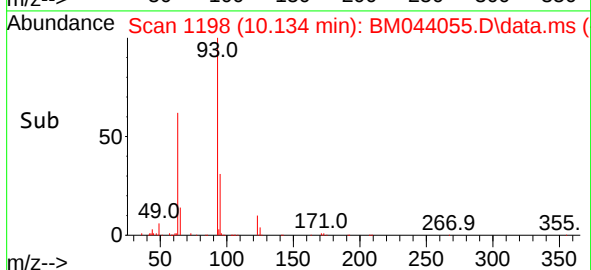
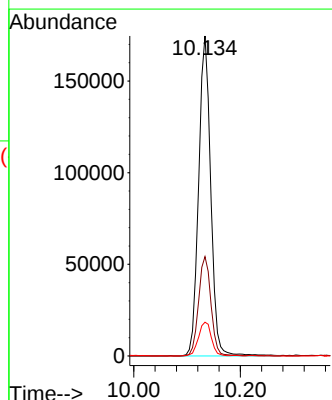
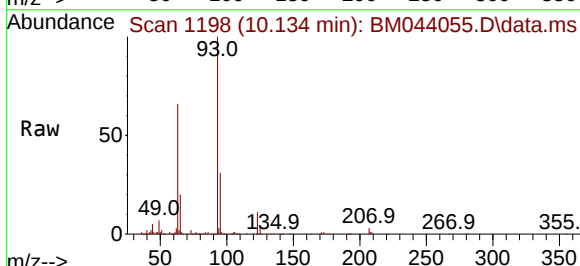
Tgt Ion: 93 Resp: 274866

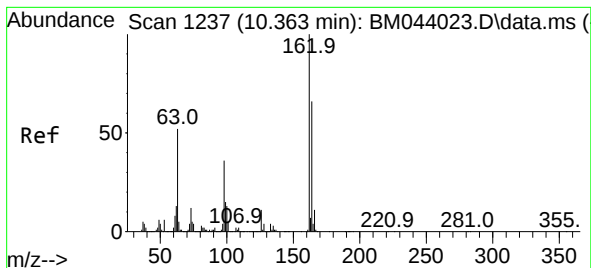
Ion Ratio Lower Upper

93 100

95 31.1 26.0 39.0

123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 5.572 ng

RT: 10.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

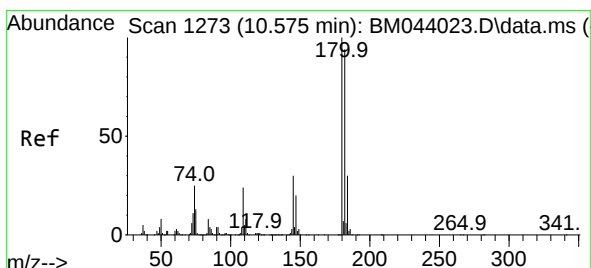
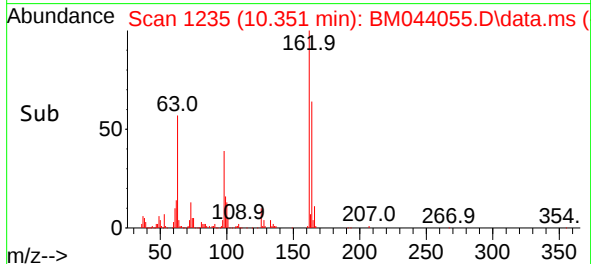
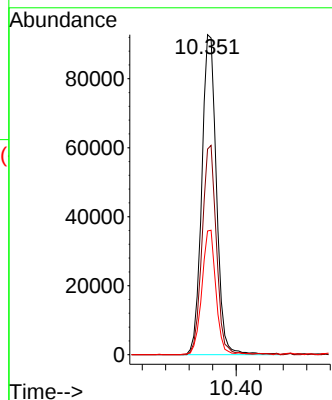
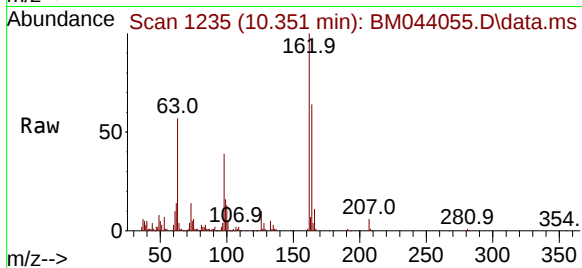
Tgt Ion:162 Resp: 160905

Ion Ratio Lower Upper

162 100

164 64.3 46.1 86.1

98 38.7 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 5.890 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

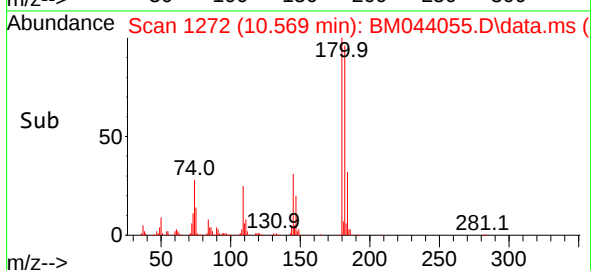
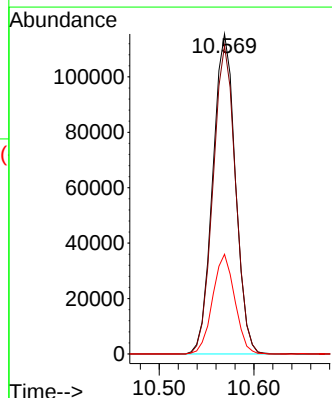
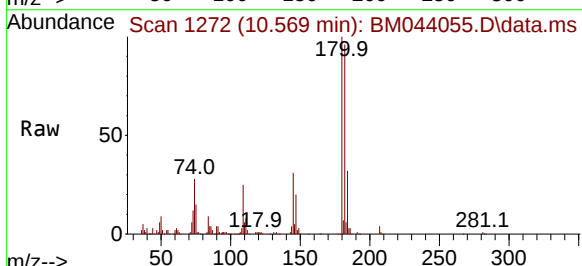
Tgt Ion:180 Resp: 191282

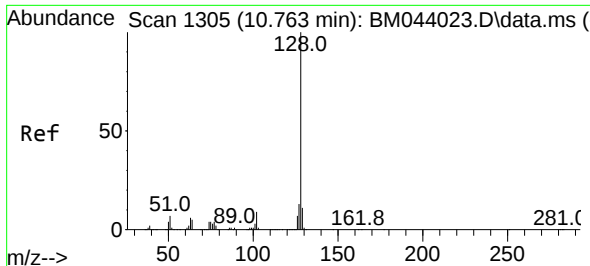
Ion Ratio Lower Upper

180 100

182 96.3 75.2 112.8

145 31.1 24.3 36.5

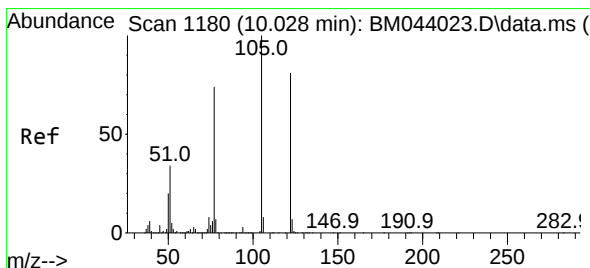
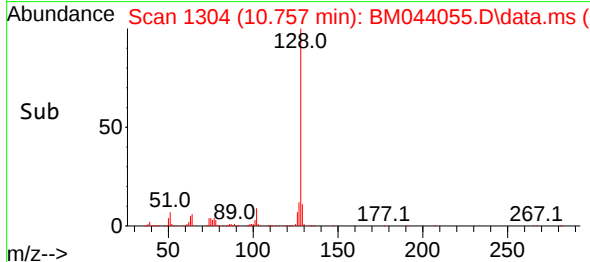
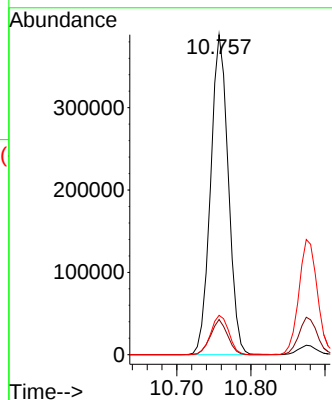
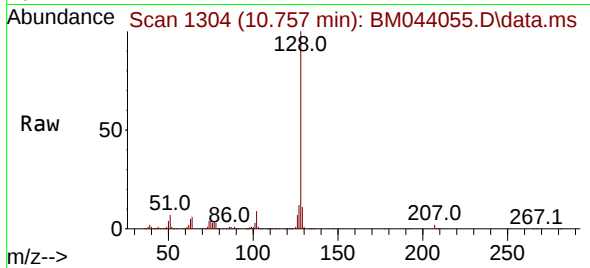




#31
Naphthalene
Concen: 6.076 ng
RT: 10.757 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

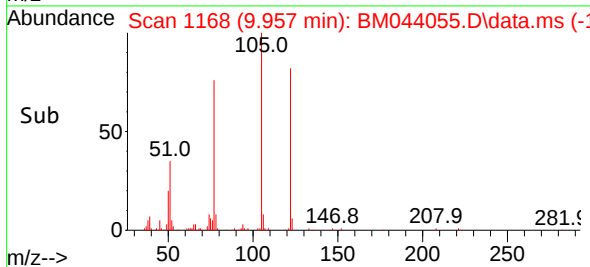
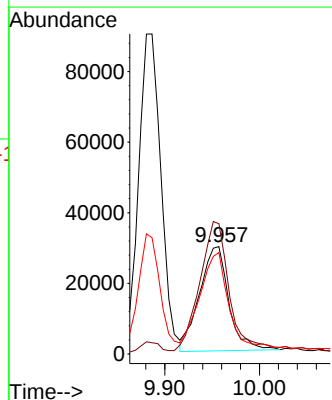
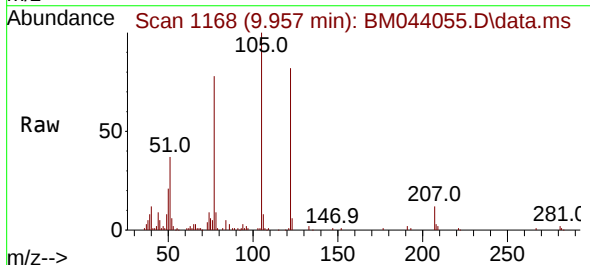
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

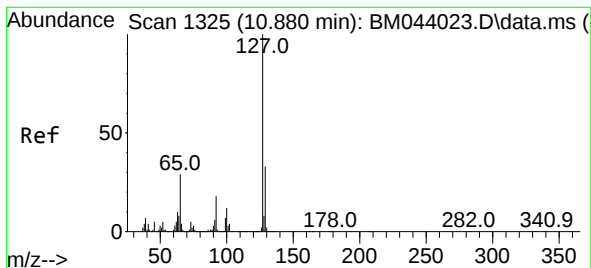
Tgt Ion:128 Resp: 642979
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.3 10.3 15.5



#32
Benzoic acid
Concen: 2.874 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.071 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:122 Resp: 63494
Ion Ratio Lower Upper
122 100
105 121.4 100.1 140.1
77 94.6 69.6 109.6





#33

4-Chloroaniline

Concen: 6.172 ng

RT: 10.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:127 Resp: 247291

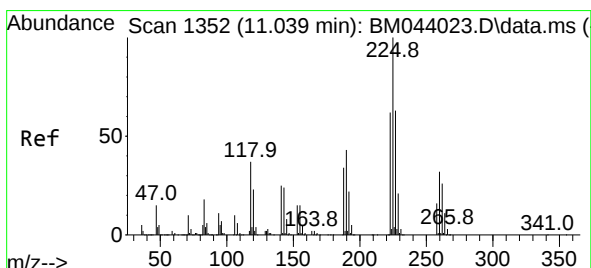
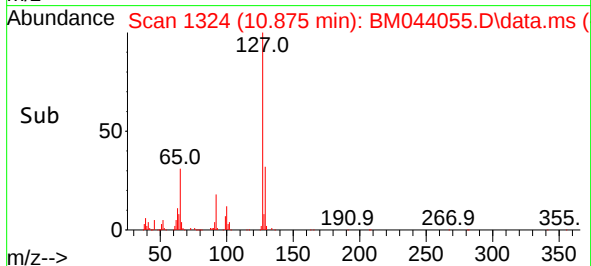
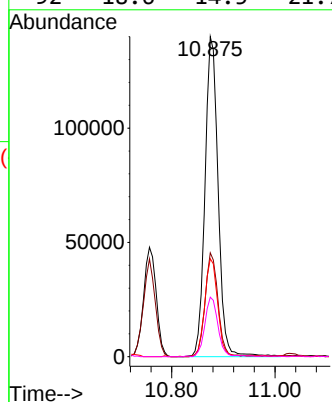
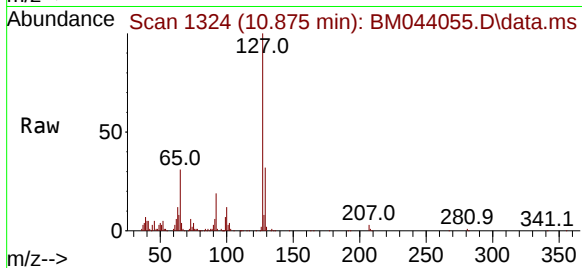
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 30.6 23.0 34.6

92 18.6 14.5 21.7



#34

Hexachlorobutadiene

Concen: 5.585 ng

RT: 11.034 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

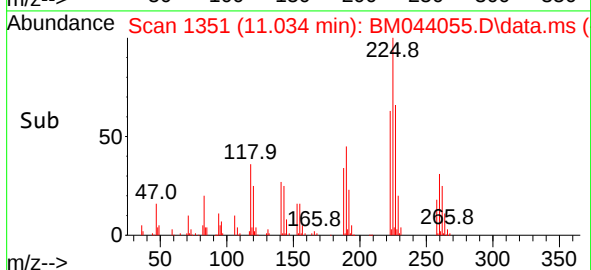
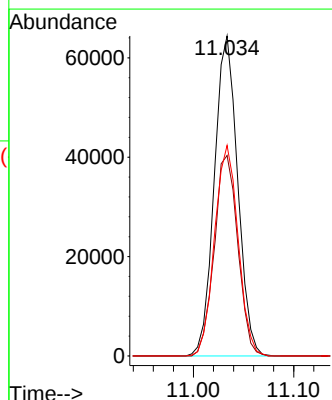
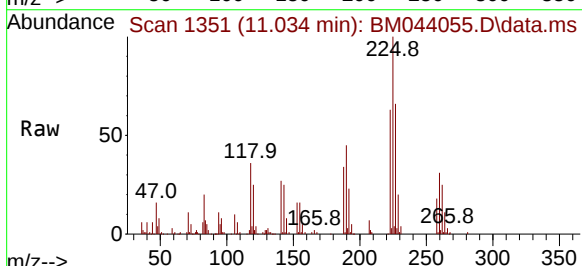
Tgt Ion:225 Resp: 103813

Ion Ratio Lower Upper

225 100

223 62.7 49.9 74.9

227 65.8 50.6 76.0

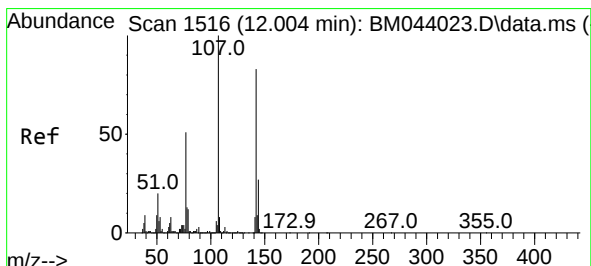
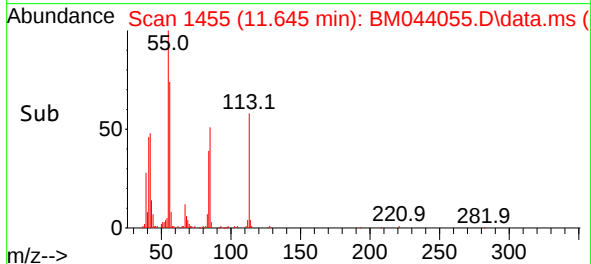
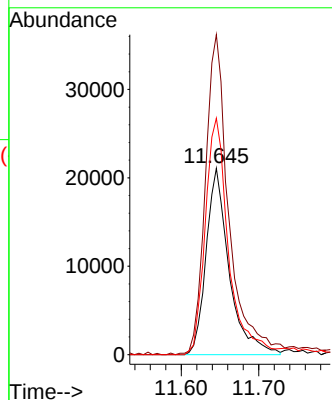
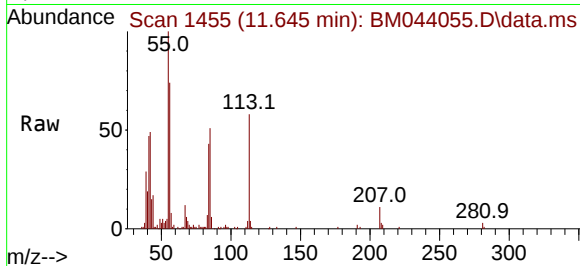




#35
 Caprolactam
 Concen: 4.693 ng
 RT: 11.645 min Scan# 1460
 Delta R.T. -0.029 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

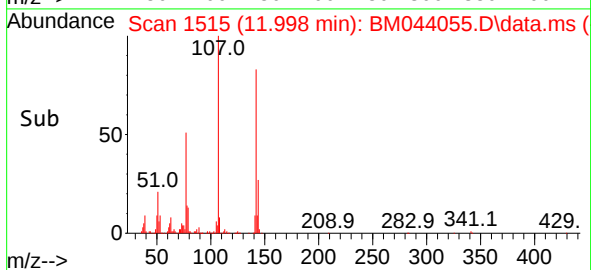
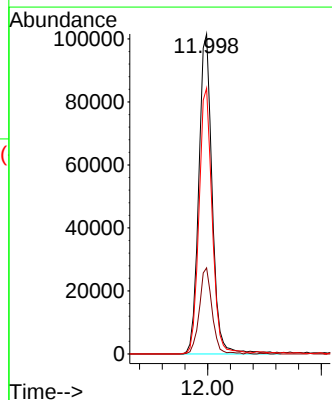
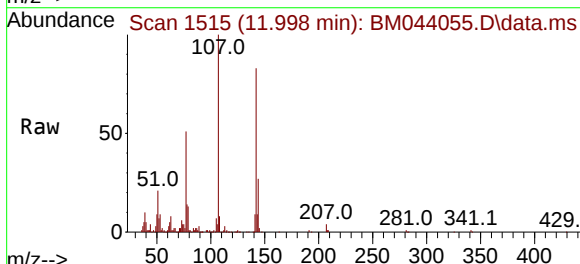
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

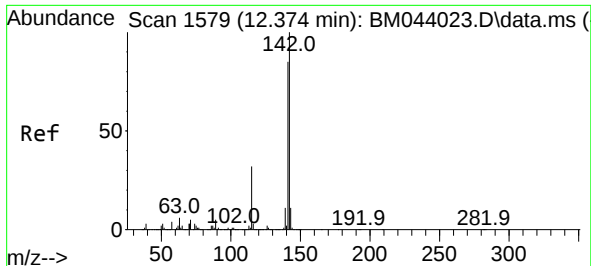
Tgt Ion:113 Resp: 43609
 Ion Ratio Lower Upper
 113 100
 55 171.7 145.6 185.6
 56 126.9 103.3 143.3



#36
 4-Chloro-3-methylphenol
 Concen: 5.326 ng
 RT: 11.998 min Scan# 1515
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

Tgt Ion:107 Resp: 166558
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 83.1 66.2 99.4

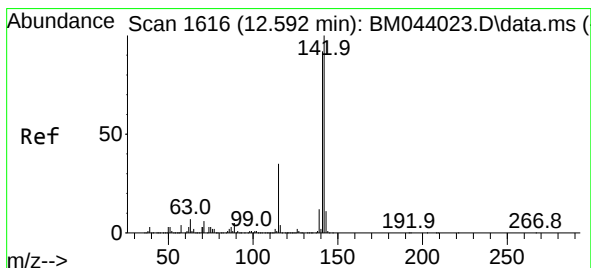
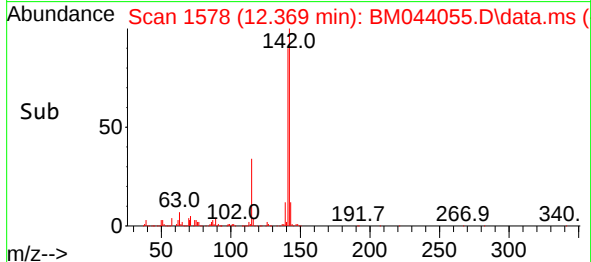
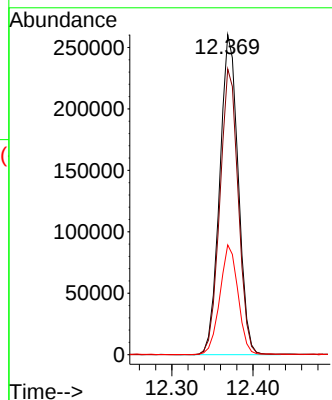
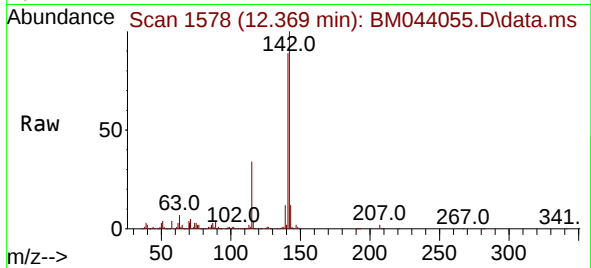




#37
2-Methylnaphthalene
Concen: 5.860 ng
RT: 12.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

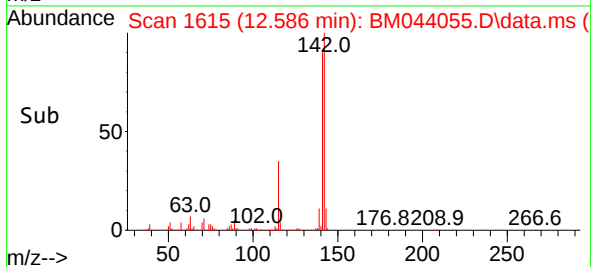
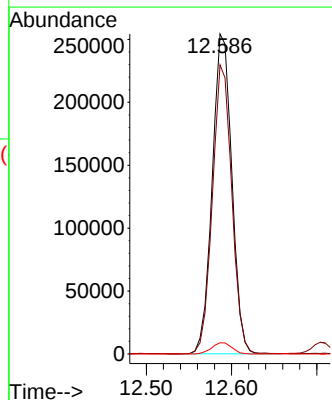
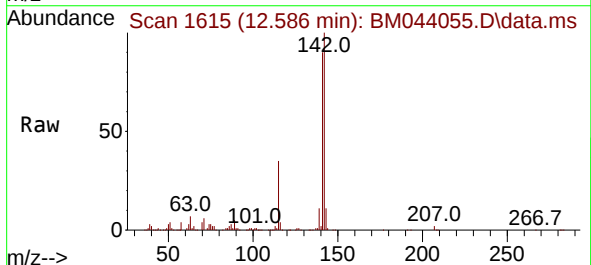
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

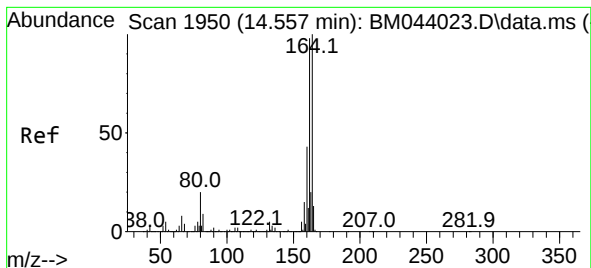
Tgt Ion:142 Resp: 413033
Ion Ratio Lower Upper
142 100
141 89.3 68.3 102.5
115 34.3 25.7 38.5



#38
1-Methylnaphthalene
Concen: 5.866 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:142 Resp: 406307
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.0
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

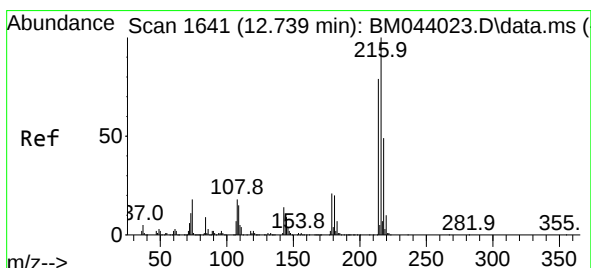
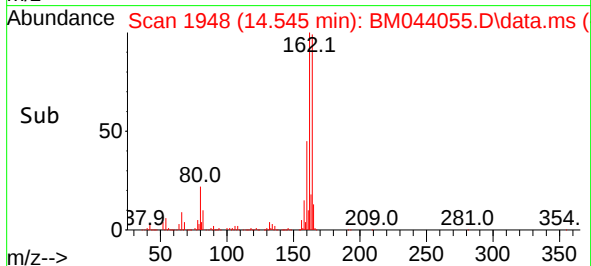
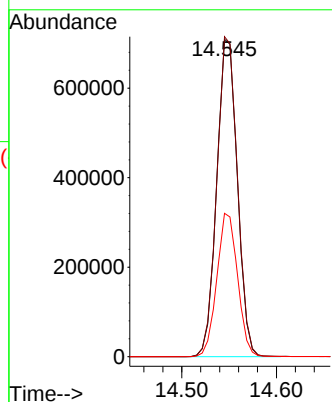
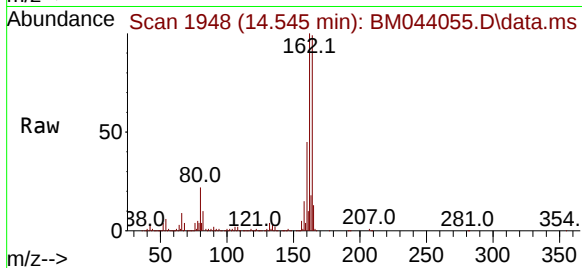
Tgt Ion:164 Resp: 1074269

Ion Ratio Lower Upper

164 100

162 100.8 78.4 117.6

160 45.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.311 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:216 Resp: 197072

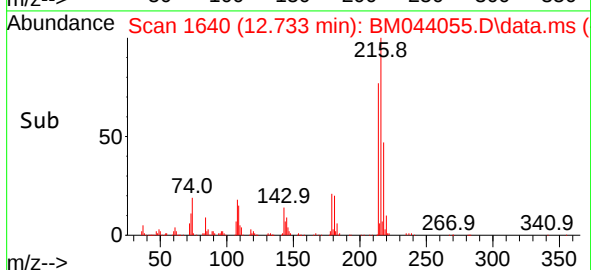
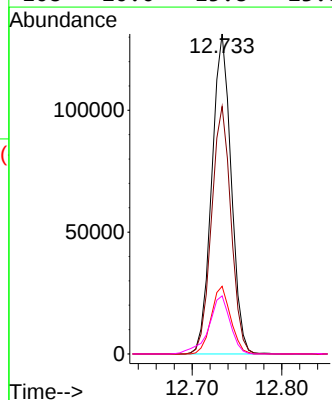
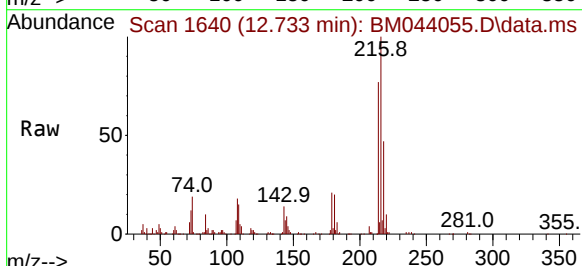
Ion Ratio Lower Upper

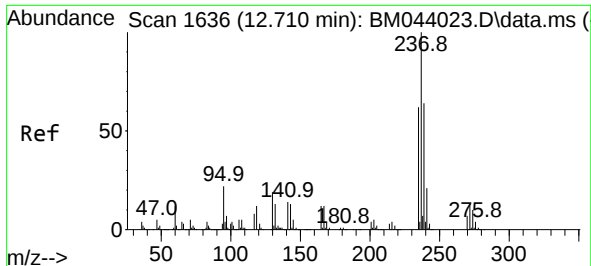
216 100

214 77.6 63.1 94.7

179 21.2 17.0 25.6

108 20.0 15.8 23.8

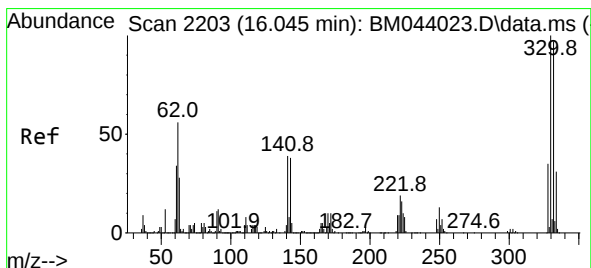
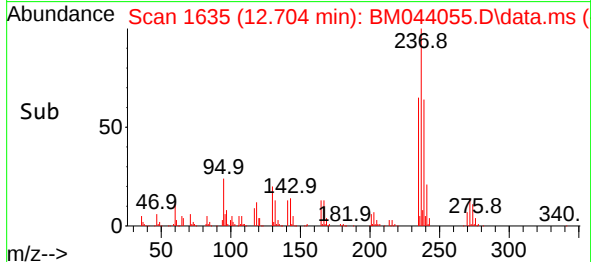
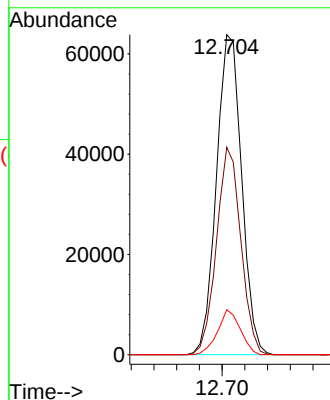
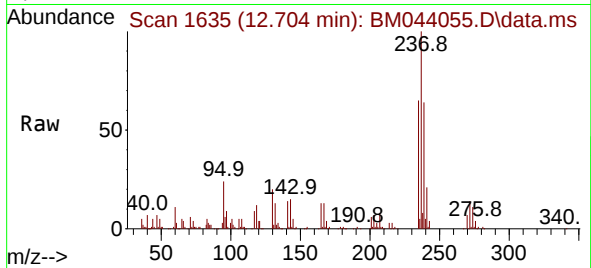




#41
Hexachlorocyclopentadiene
Concen: 7.225 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

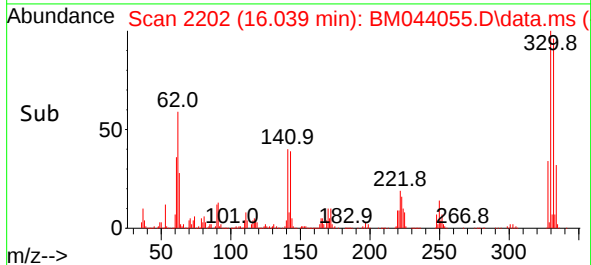
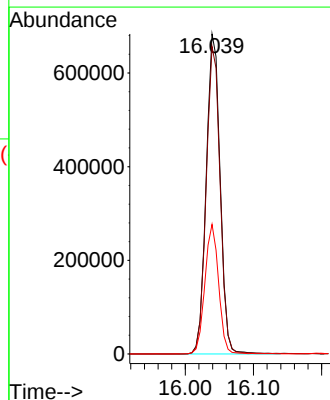
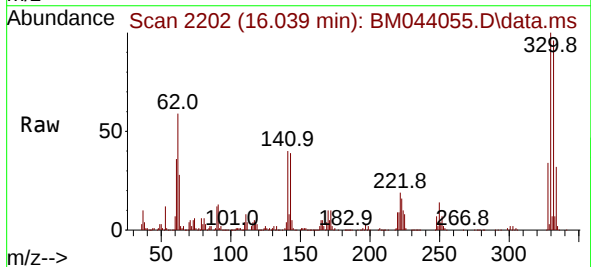
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

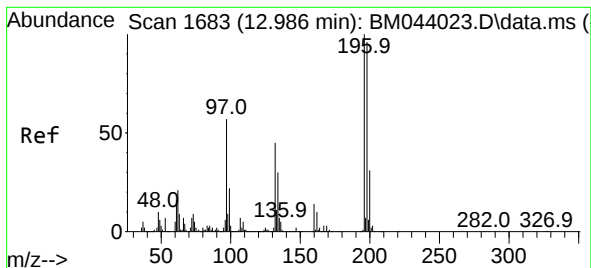
Tgt Ion:237 Resp: 98461
Ion Ratio Lower Upper
237 100
235 64.8 42.4 82.4
272 14.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 83.610 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:330 Resp: 972506
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 40.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 5.249 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

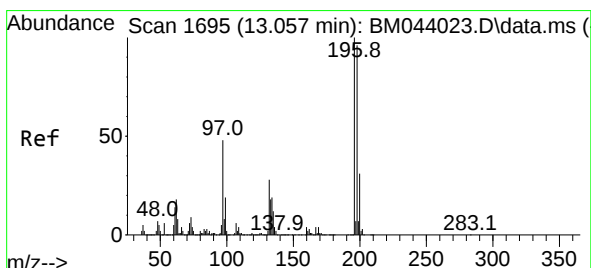
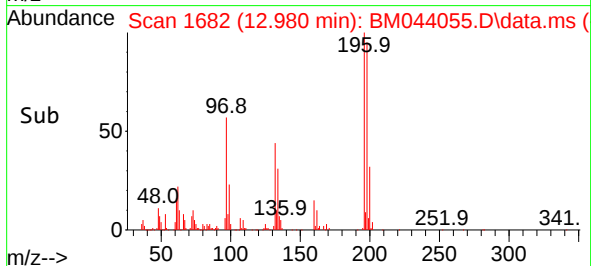
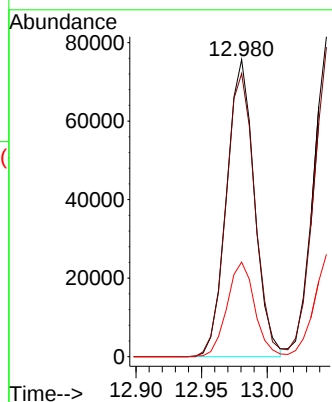
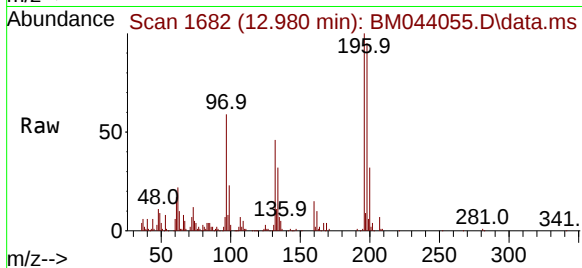
Tgt Ion:196 Resp: 111542

Ion Ratio Lower Upper

196 100

198 95.3 76.8 115.2

200 31.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 5.396 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:196 Resp: 125826

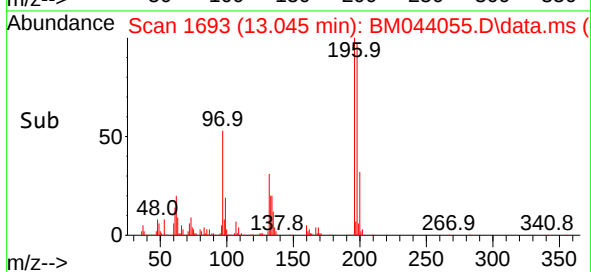
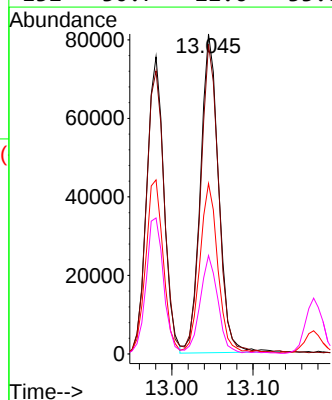
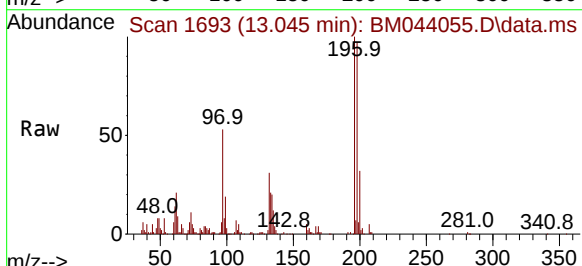
Ion Ratio Lower Upper

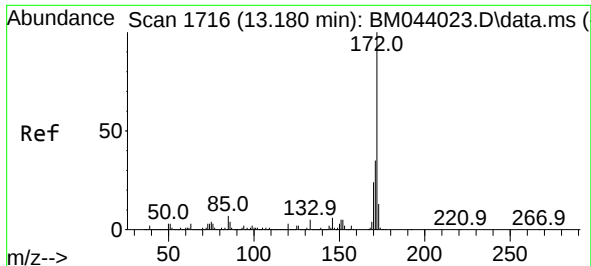
196 100

198 96.8 76.9 115.3

97 53.3 39.0 58.4

132 30.7 22.6 33.8

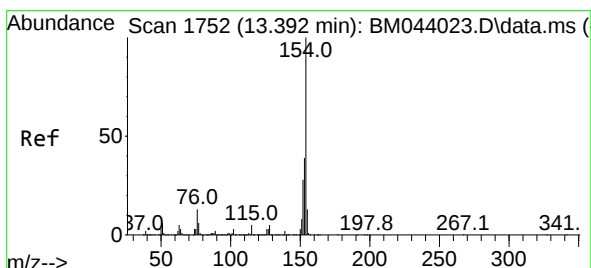
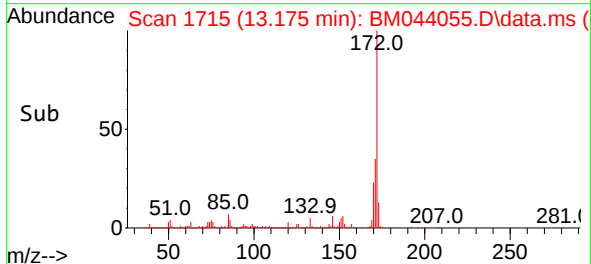
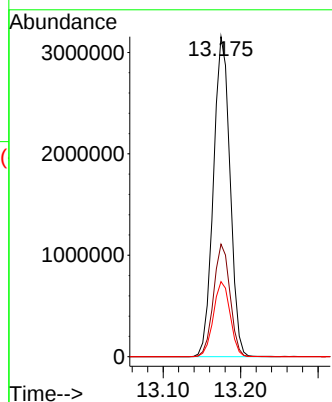
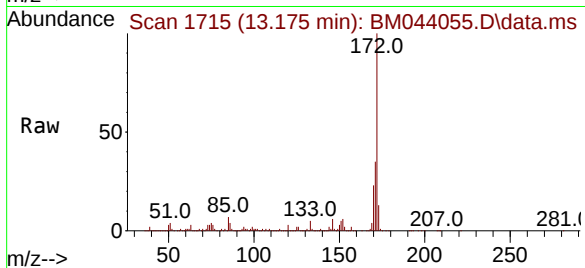




#45
2-Fluorobiphenyl
Concen: 61.817 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

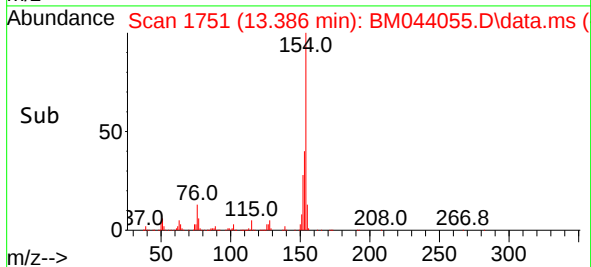
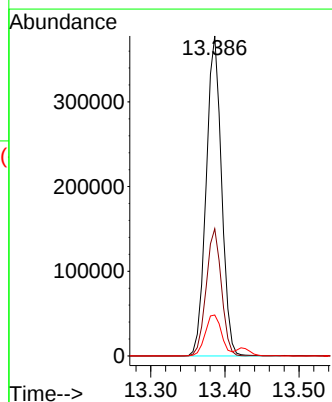
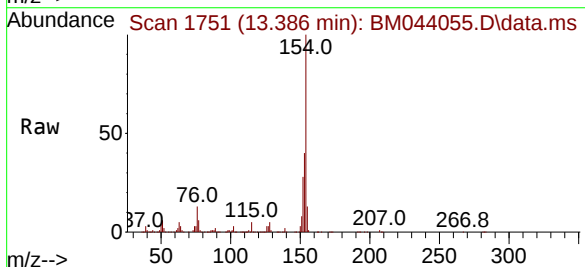
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

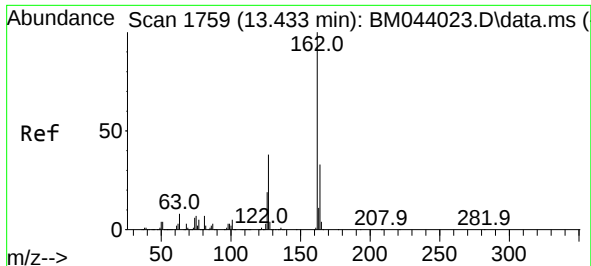
Tgt Ion:172 Resp: 4705375
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 6.416 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:154 Resp: 543864
Ion Ratio Lower Upper
154 100
153 39.8 19.4 59.4
76 12.8 0.0 32.9

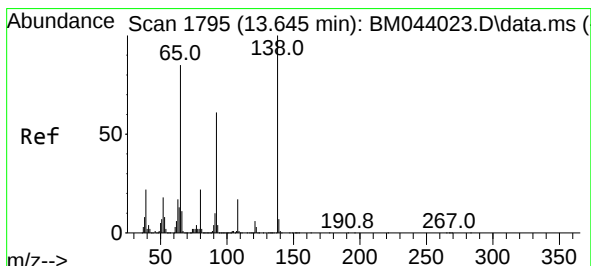
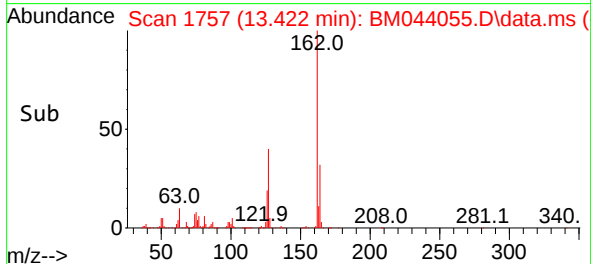
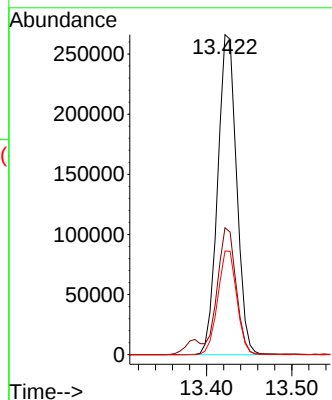
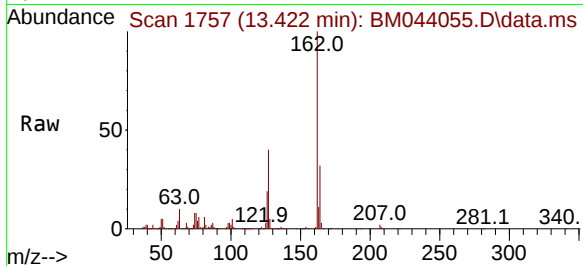




#47
2-Chloronaphthalene
Concen: 6.112 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

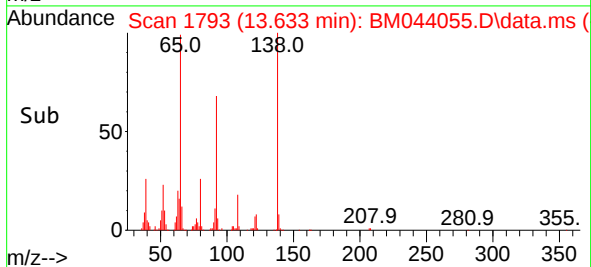
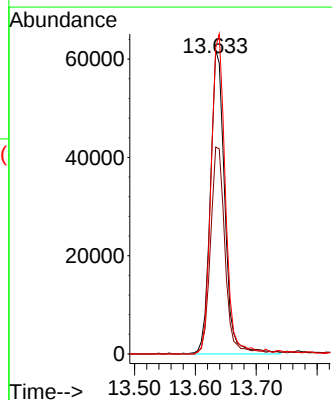
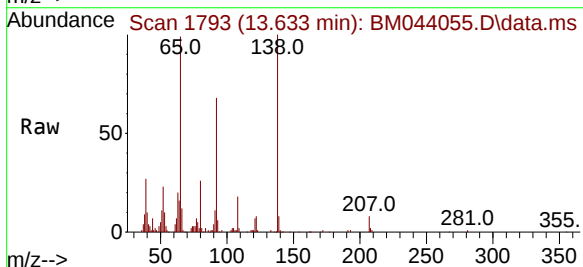
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

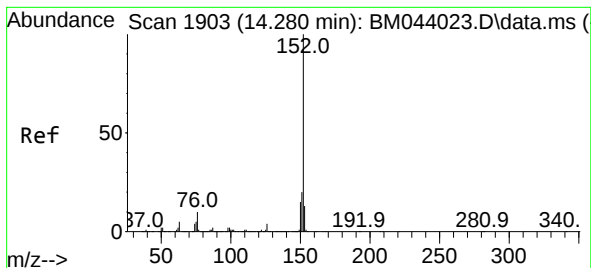
Tgt Ion:162 Resp: 410398
Ion Ratio Lower Upper
162 100
127 39.7 30.9 46.3
164 32.4 26.4 39.6



#48
2-Nitroaniline
Concen: 5.394 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 65 Resp: 101903
Ion Ratio Lower Upper
65 100
92 68.1 58.1 87.1
138 100.8 94.6 142.0





#49

Acenaphthylene

Concen: 6.530 ng

RT: 14.269 min Scan# 1901

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

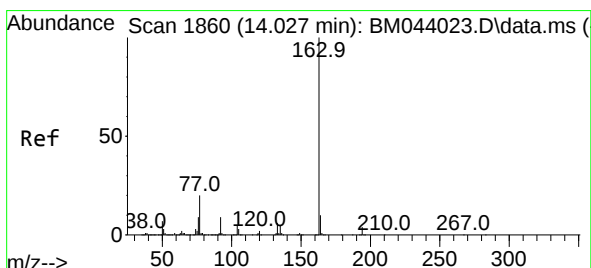
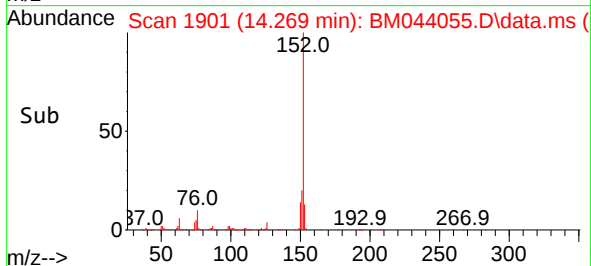
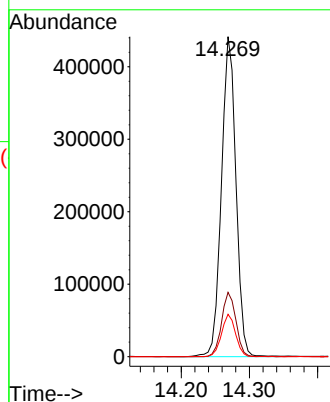
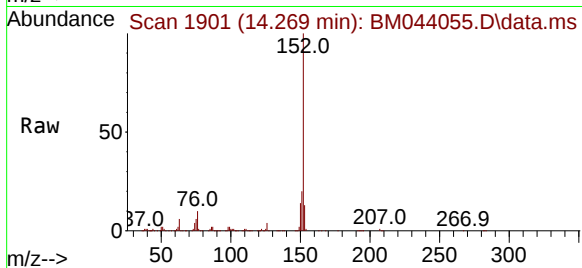
Tgt Ion:152 Resp: 654113

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 6.071 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

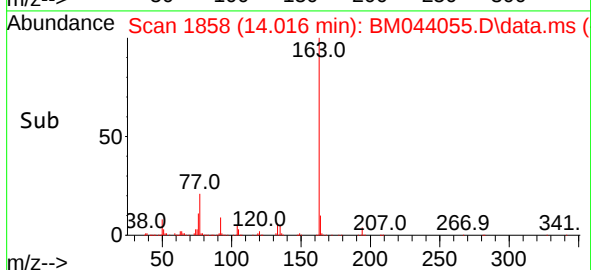
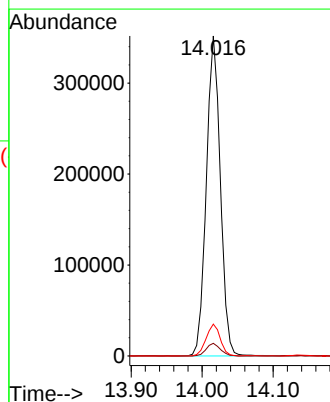
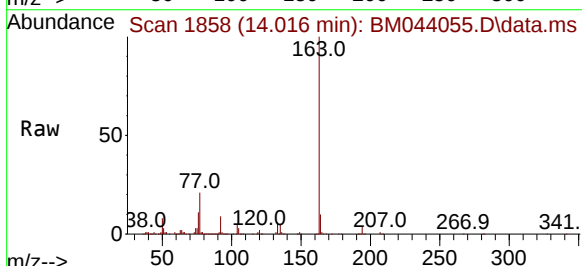
Tgt Ion:163 Resp: 483537

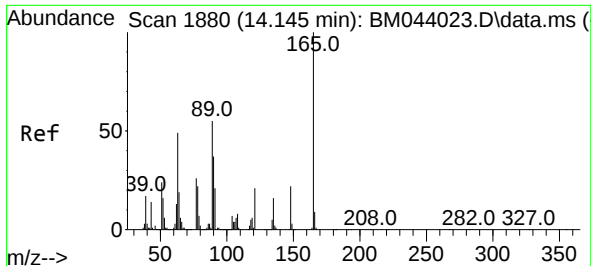
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.2 12.2

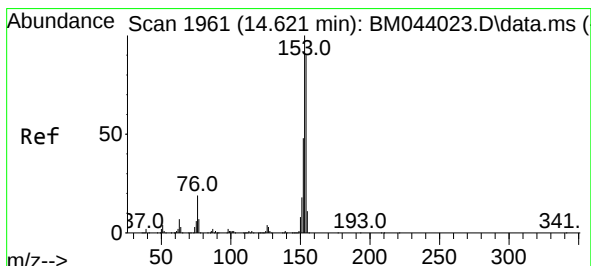
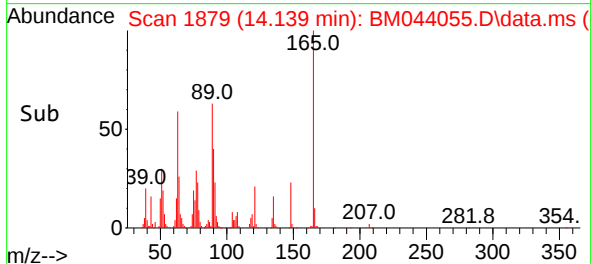
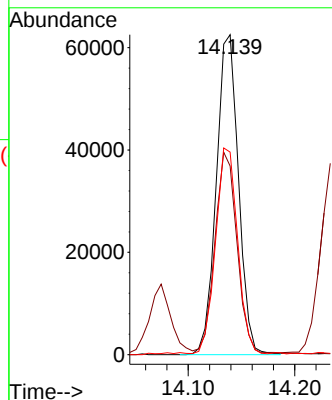
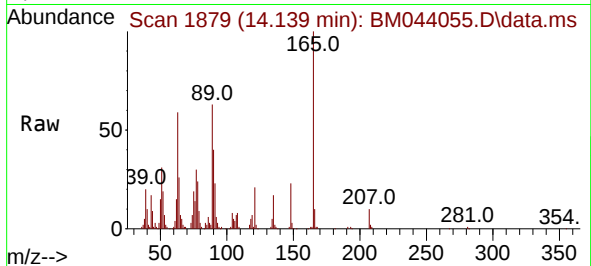




#51
2,6-Dinitrotoluene
Concen: 5.137 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

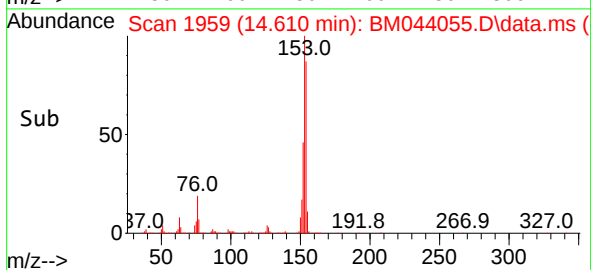
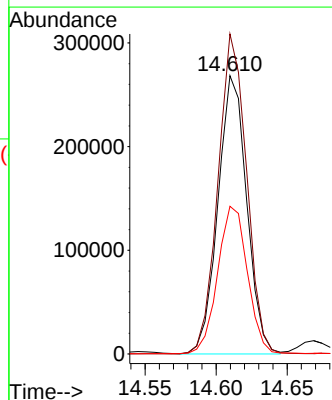
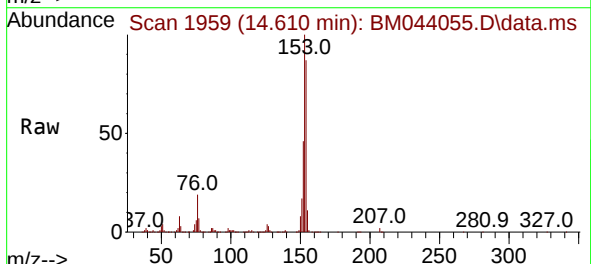
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

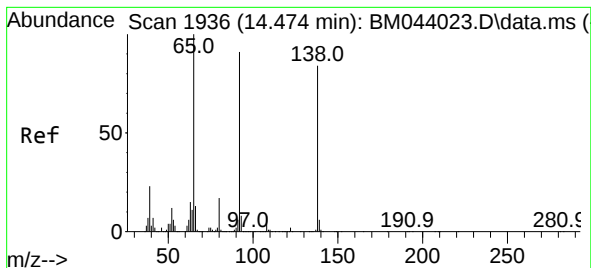
Tgt Ion:165 Resp: 90281
Ion Ratio Lower Upper
165 100
63 59.0 43.5 65.3
89 63.3 44.4 66.6



#52
Acenaphthene
Concen: 6.098 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:154 Resp: 378069
Ion Ratio Lower Upper
154 100
153 115.0 89.3 133.9
152 53.1 43.0 64.6

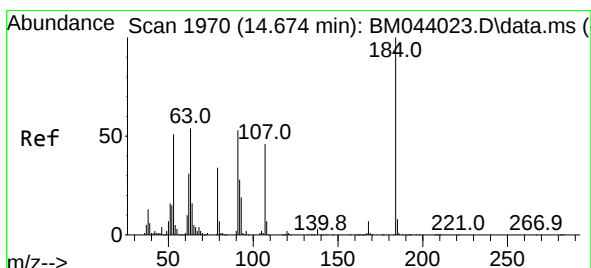
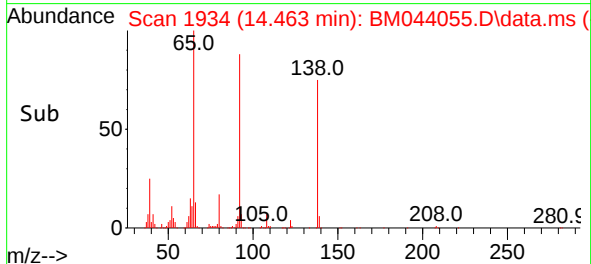
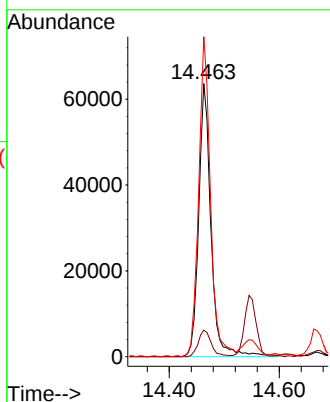
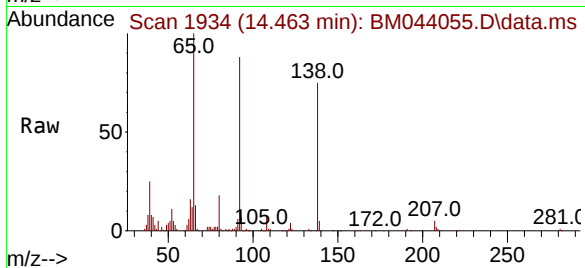




#53
3-Nitroaniline
Concen: 5.224 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

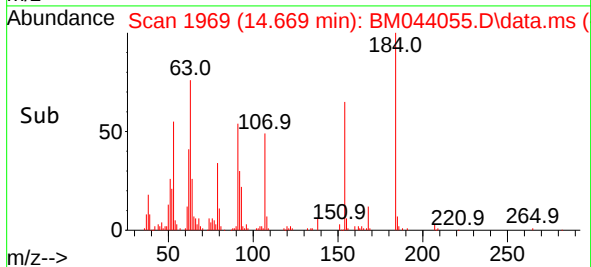
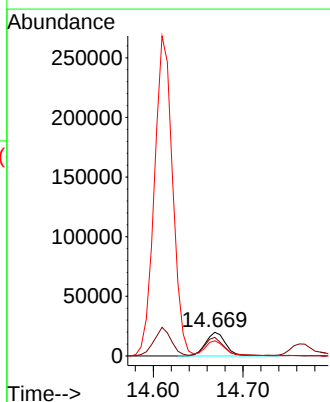
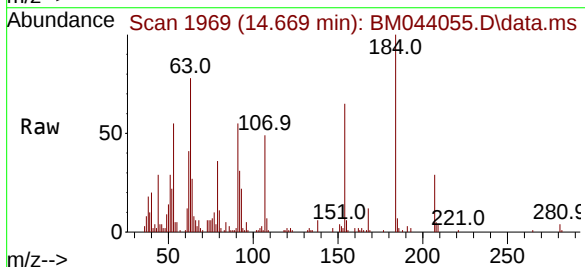
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

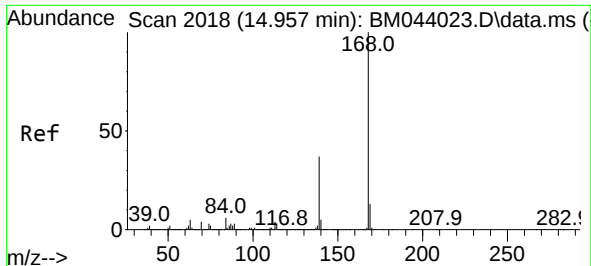
Tgt Ion:138 Resp: 98669
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.1 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 8.328 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:184 Resp: 31083
Ion Ratio Lower Upper
184 100
63 78.3 55.4 83.2
154 64.5 49.2 73.8

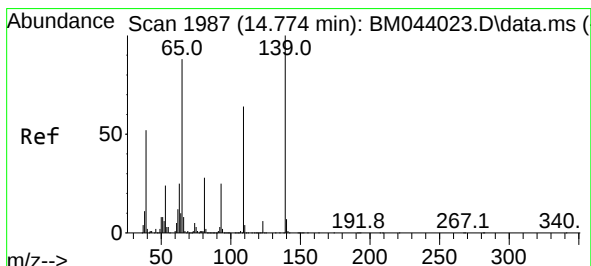
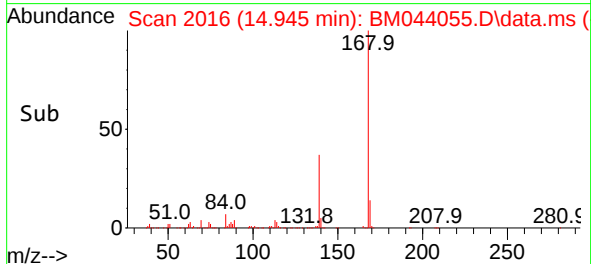
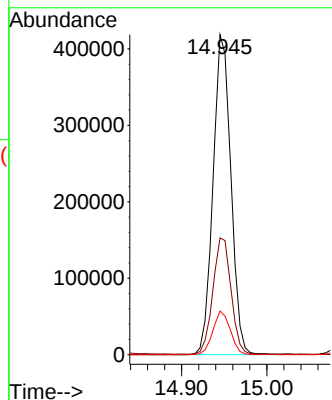
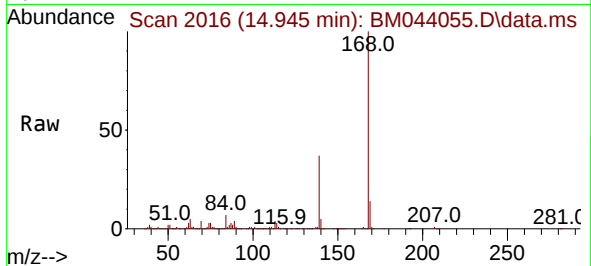




#55
Dibenzenofuran
Concen: 6.350 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

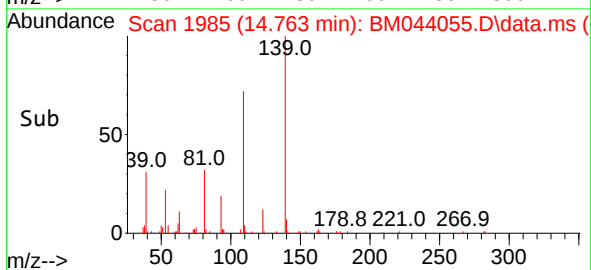
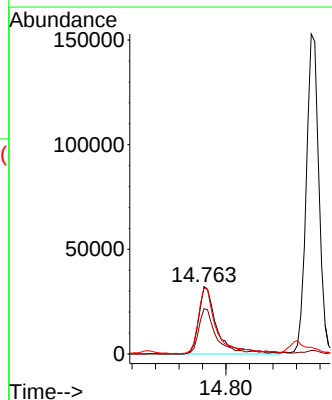
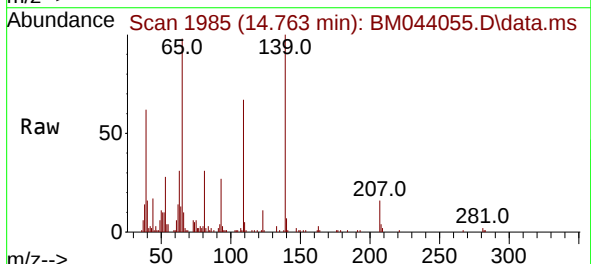
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

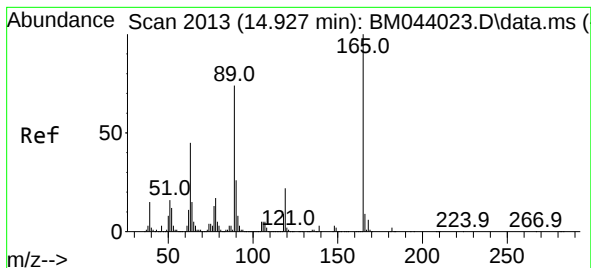
Tgt Ion:168 Resp: 609358
Ion Ratio Lower Upper
168 100
139 36.5 29.6 44.4
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 4.545 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:139 Resp: 69776
Ion Ratio Lower Upper
139 100
109 67.2 43.8 83.8
65 98.4 67.7 107.7

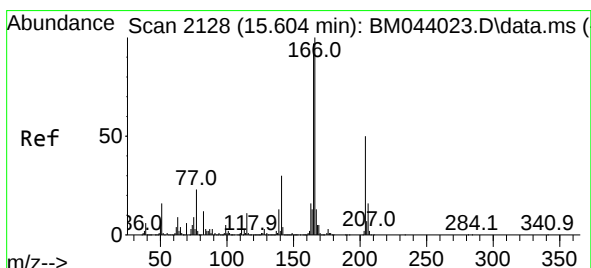
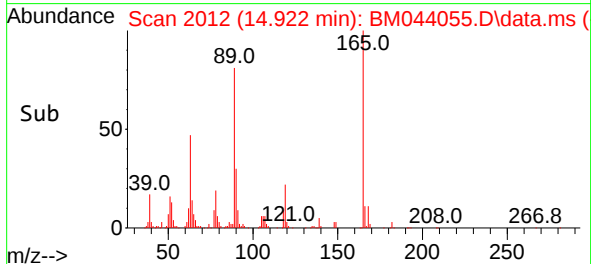
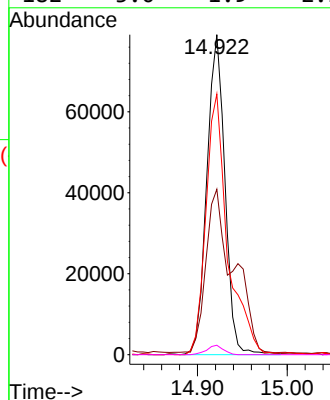
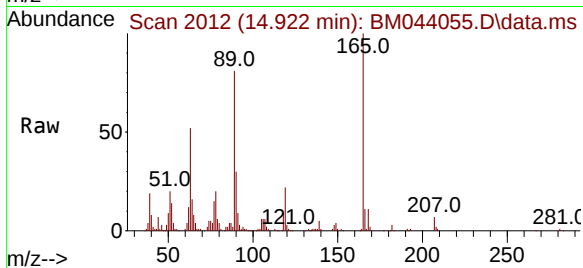




#57
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 14.922 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

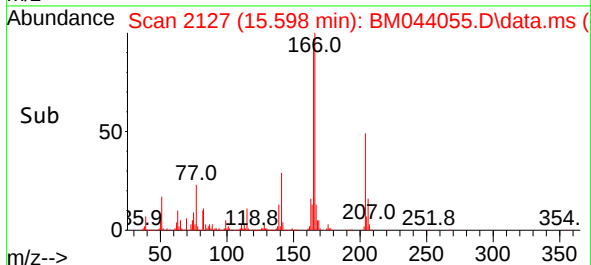
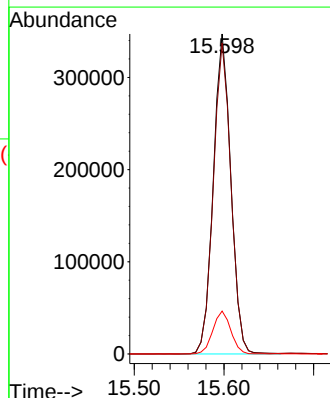
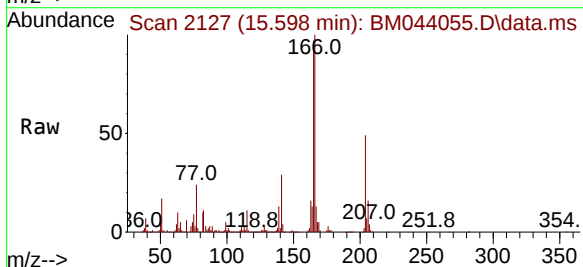
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

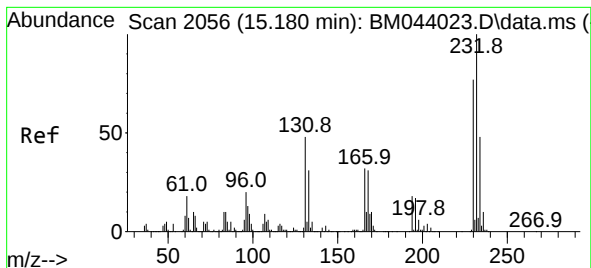
Tgt Ion:165 Resp: 110842
Ion Ratio Lower Upper
165 100
63 51.7 35.9 53.9
89 81.5 58.9 88.3
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 6.354 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:166 Resp: 471184
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.4 10.7 16.1

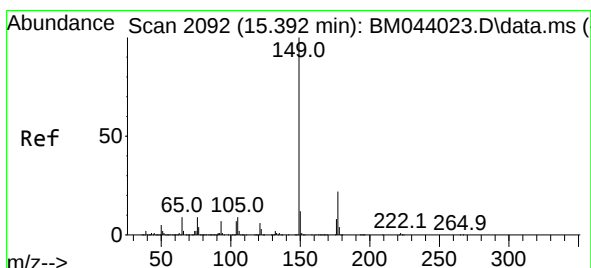
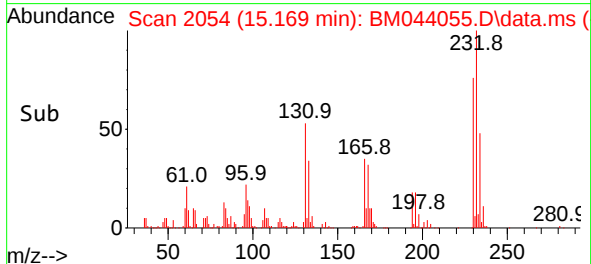
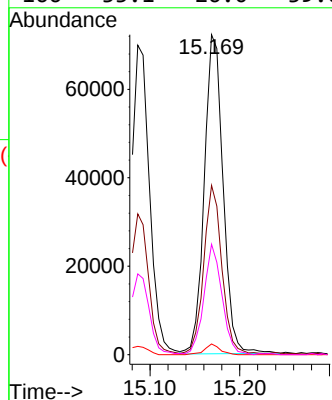
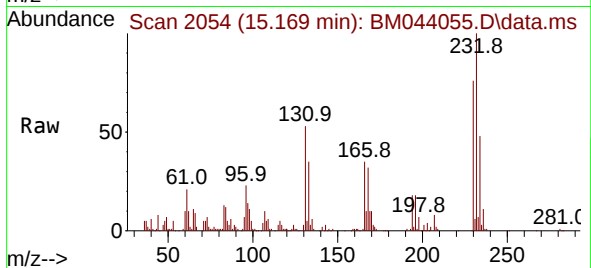




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.749 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

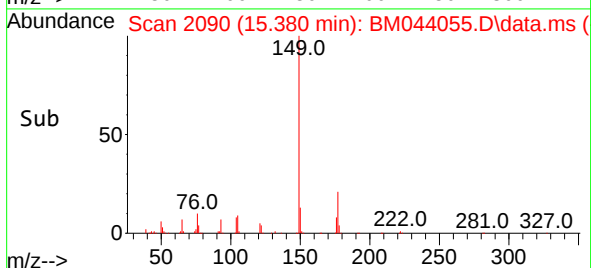
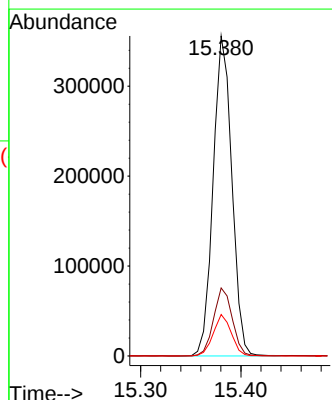
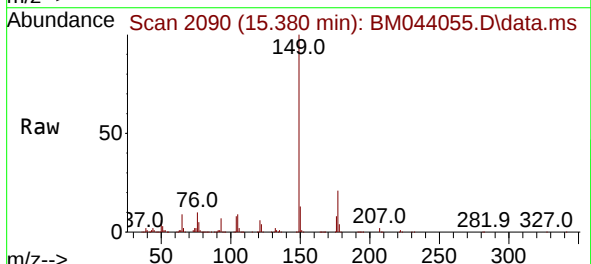
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

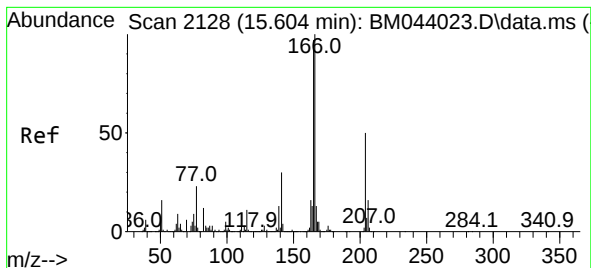
Tgt Ion:232 Resp: 105193
Ion Ratio Lower Upper
232 100
131 50.5 39.5 59.3
130 2.7 2.0 3.0
166 33.1 26.0 39.0



#60
Diethylphthalate
Concen: 5.605 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:149 Resp: 461394
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 13.0 9.8 14.6

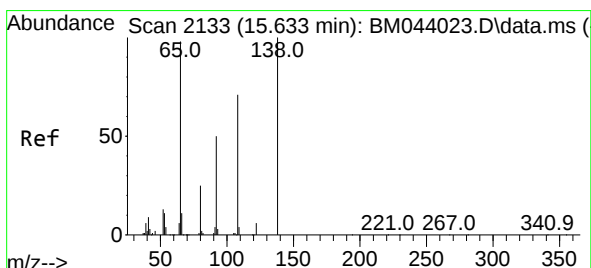
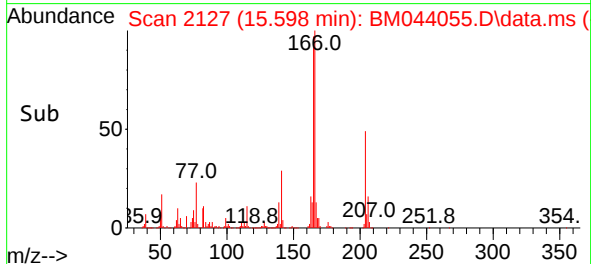
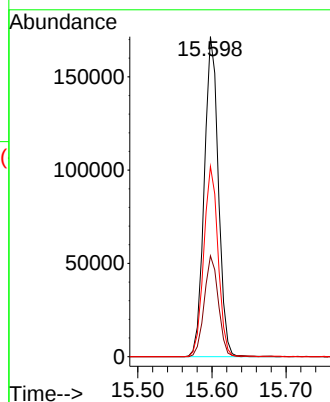
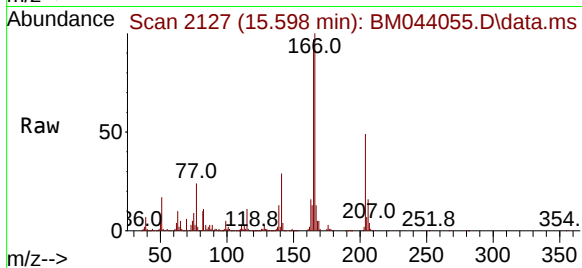




#61
4-Chlorophenyl-phenylether
Concen: 6.340 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

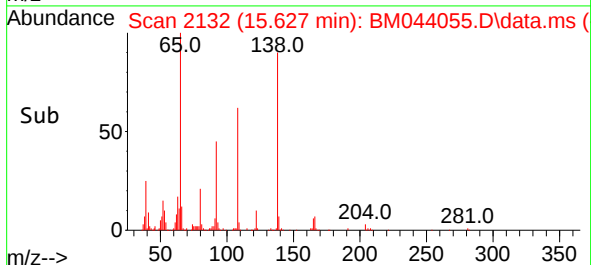
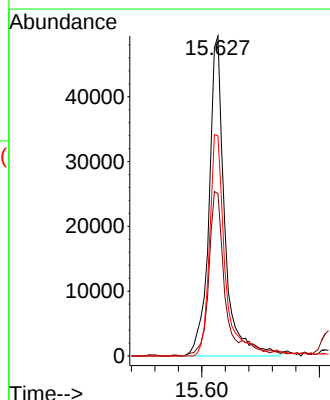
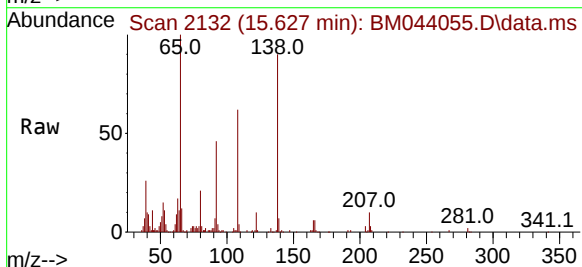
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

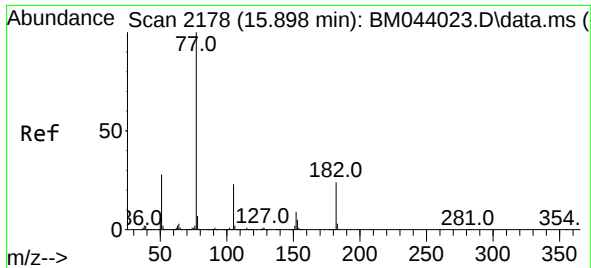
Tgt Ion:204 Resp: 227786
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 59.4 47.7 71.5



#62
4-Nitroaniline
Concen: 4.826 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:138 Resp: 91736
Ion Ratio Lower Upper
138 100
92 50.7 29.6 69.6
108 68.7 47.8 87.8

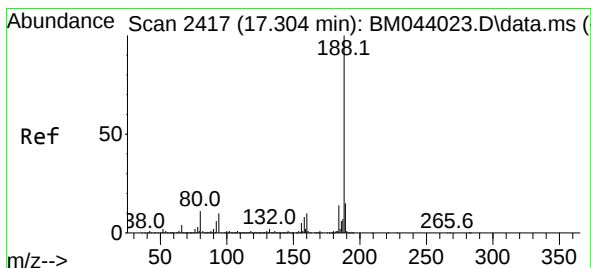
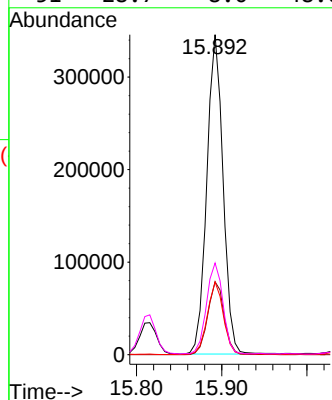
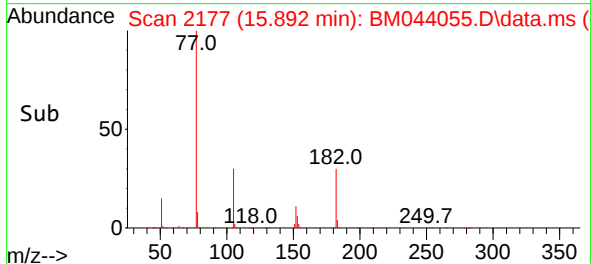
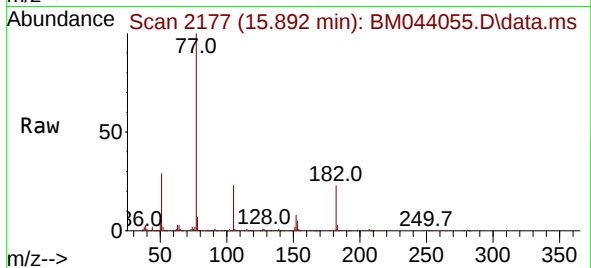




#63
Azobenzene
Concen: 5.912 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

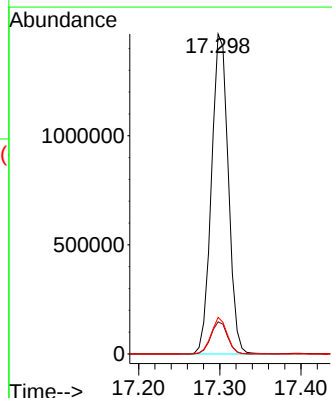
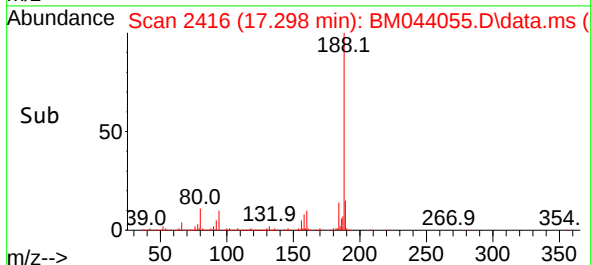
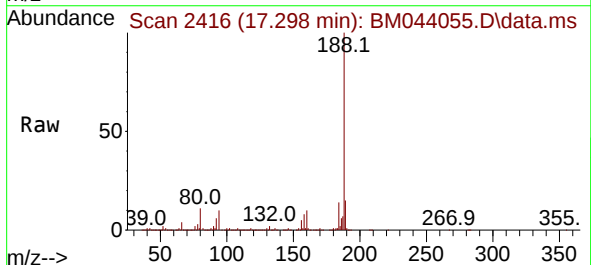
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

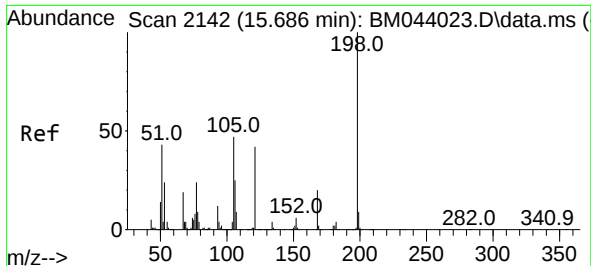
Tgt Ion: 77	Resp: 456602
Ion Ratio	Lower Upper
77 100	
182 22.8	4.0 44.0
105 22.7	3.3 43.3
51 28.7	8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:188	Resp: 2105289		
Ion Ratio	Lower	Upper	
188 100			
94 10.1	8.2	12.2	
80 11.4	8.8	13.2	

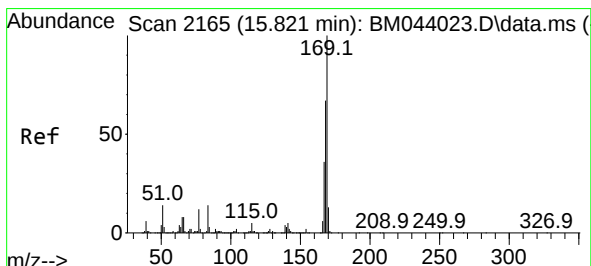
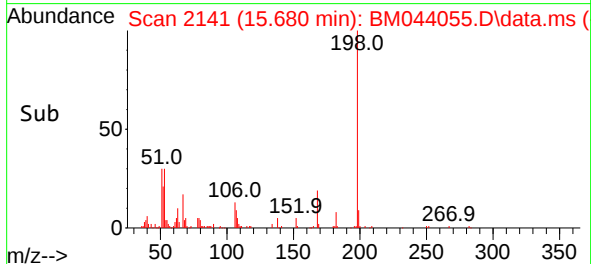
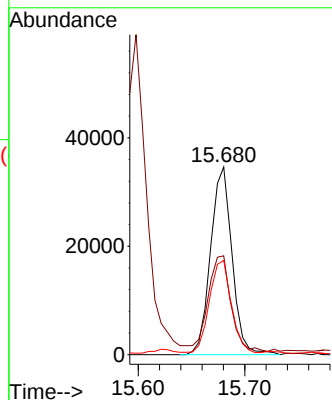
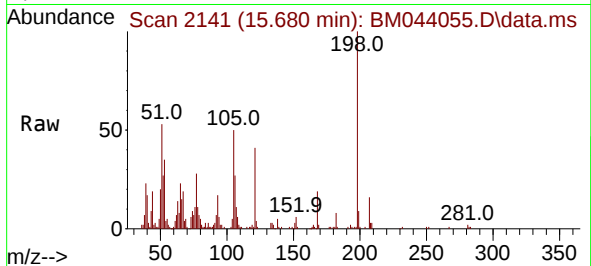




#65
4,6-Dinitro-2-methylphenol
Concen: 3.876 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

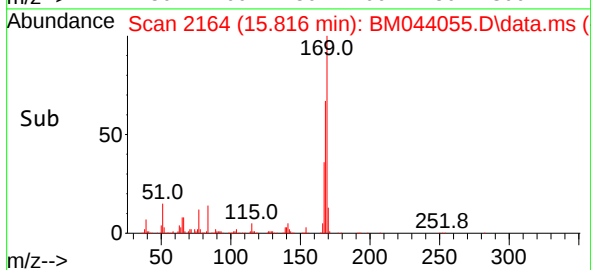
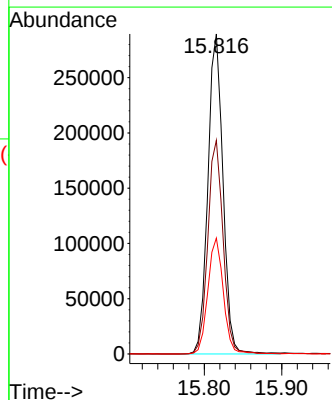
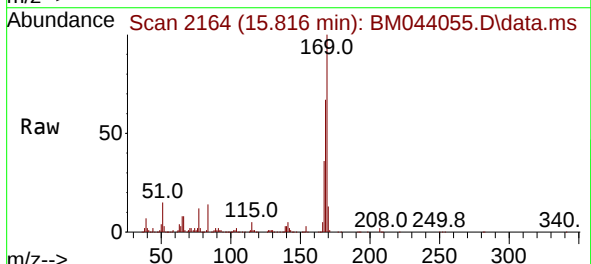
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

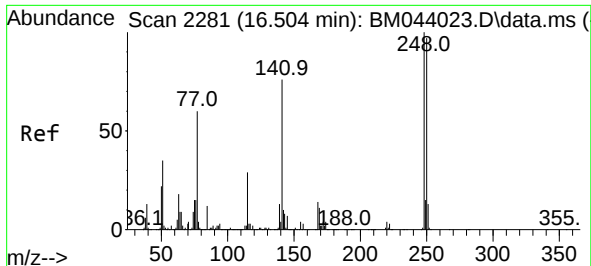
Tgt Ion:198 Resp: 48624
Ion Ratio Lower Upper
198 100
51 52.7 29.9 69.9
105 50.2 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 6.123 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:169 Resp: 391610
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.2 29.2 43.8

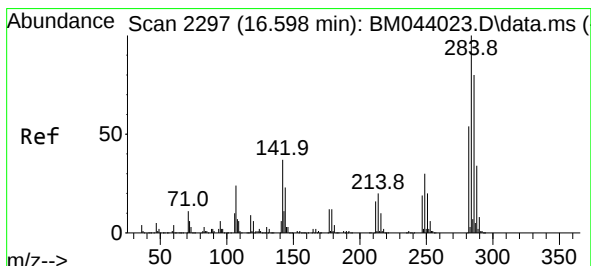
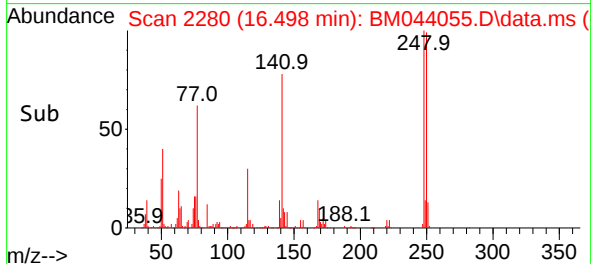
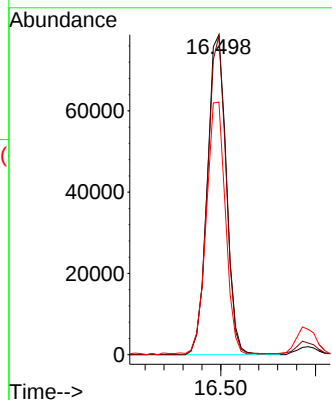
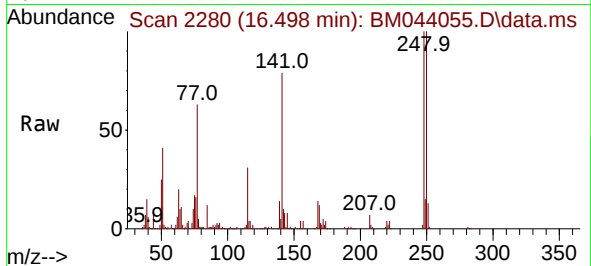




#67
4-Bromophenyl-phenylether
Concen: 5.271 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

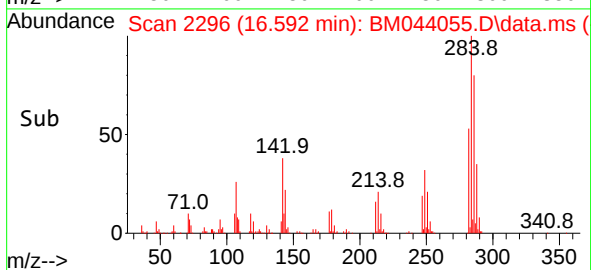
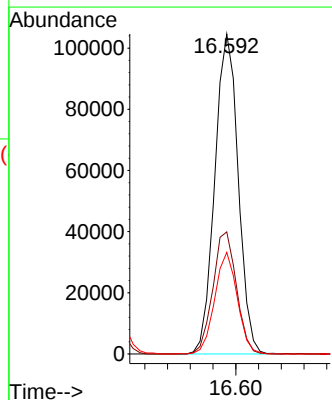
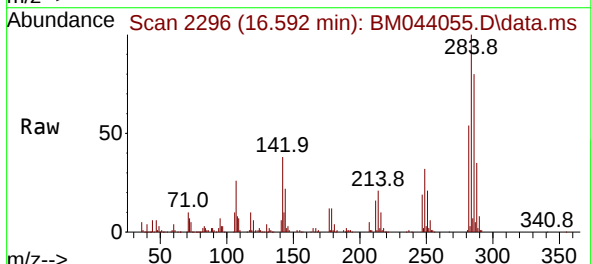
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

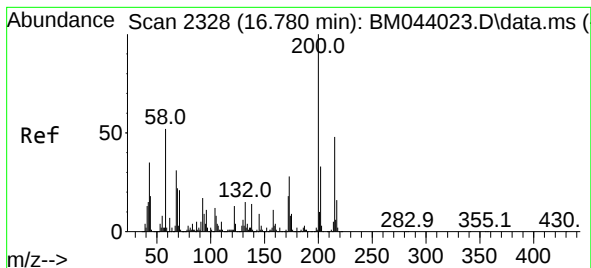
Tgt Ion:248 Resp: 109712
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 78.9 61.0 91.6



#68
Hexachlorobenzene
Concen: 5.868 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:284 Resp: 149630
Ion Ratio Lower Upper
284 100
142 38.2 30.0 45.0
249 31.8 24.1 36.1





#69

Atrazine

Concen: 6.772 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

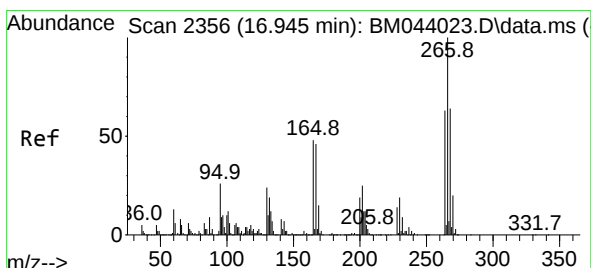
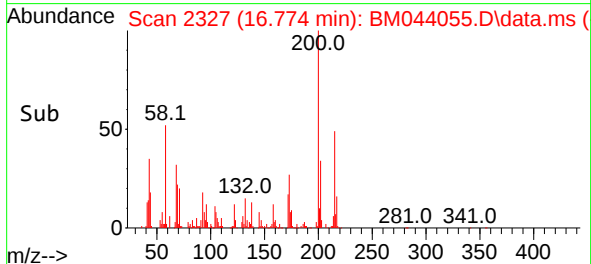
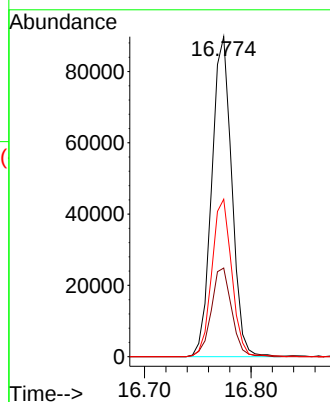
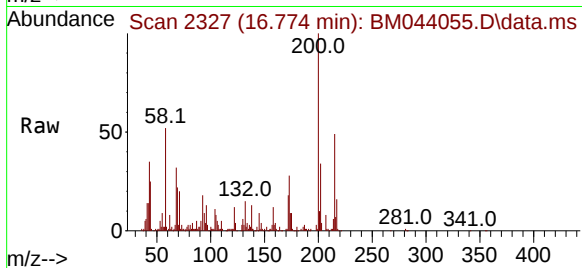
Tgt Ion:200 Resp: 117292

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

215 49.2 27.9 67.9



#70

Pentachlorophenol

Concen: 4.203 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

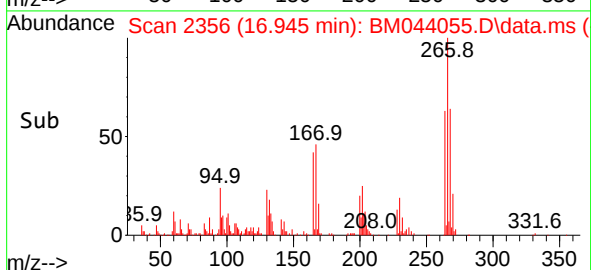
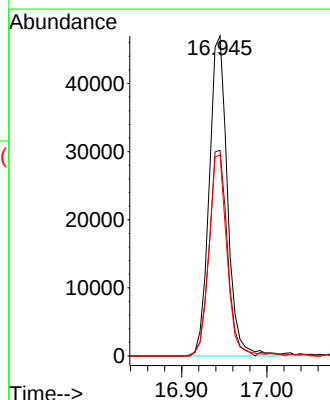
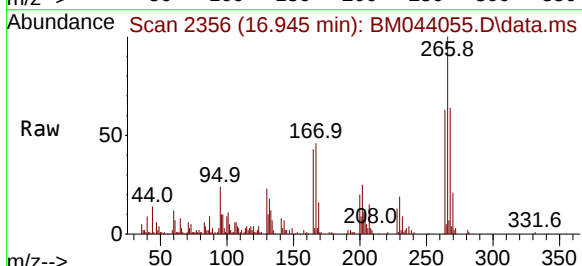
Tgt Ion:266 Resp: 69720

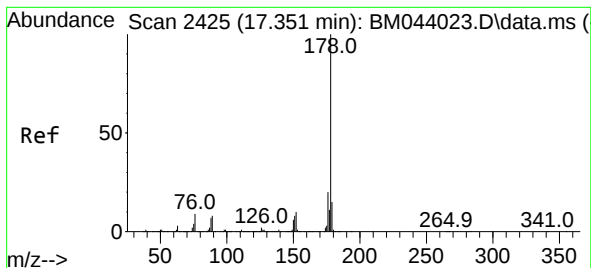
Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

264 62.8 50.5 75.7





#71

Phenanthrene

Concen: 6.411 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

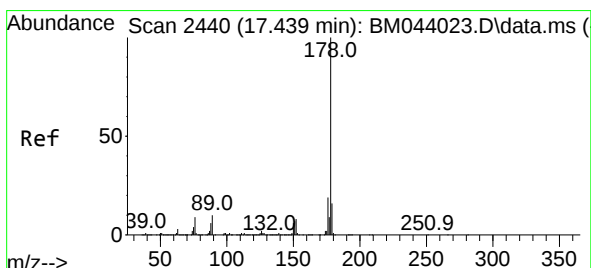
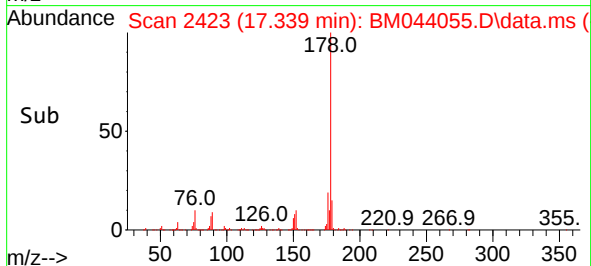
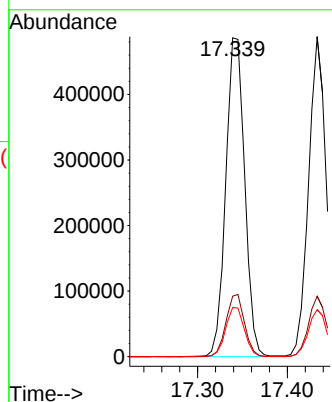
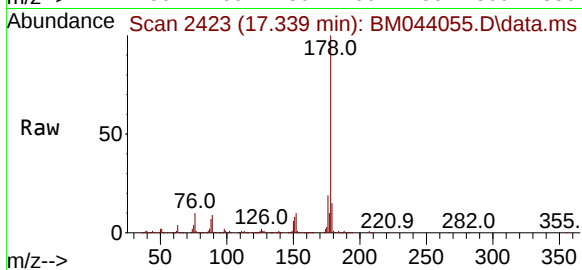
Tgt Ion:178 Resp: 712717

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

179 15.4 12.2 18.4



#72

Anthracene

Concen: 6.203 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

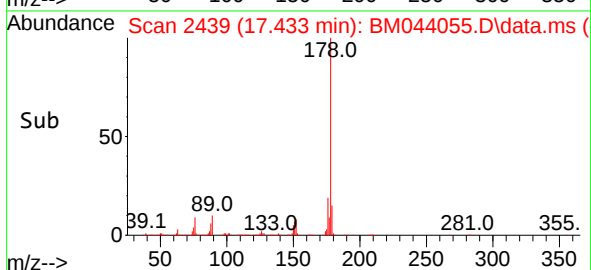
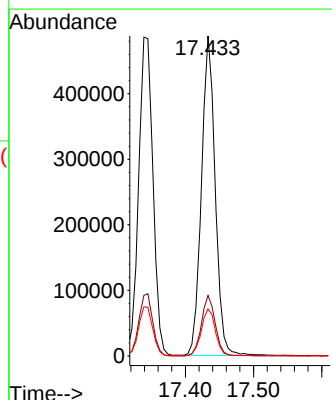
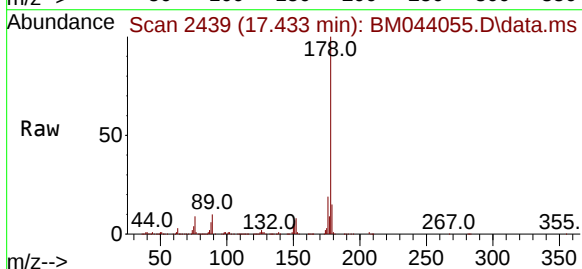
Tgt Ion:178 Resp: 682714

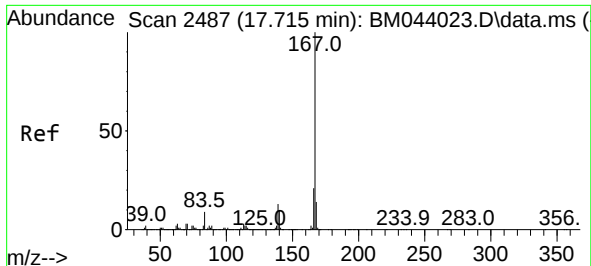
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 14.7 12.4 18.6

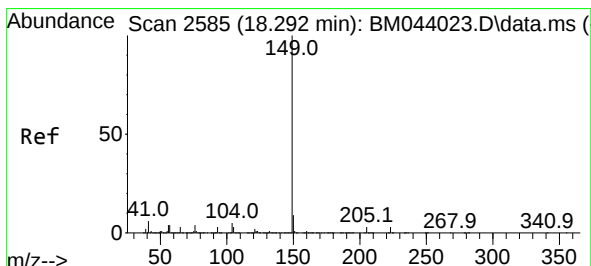
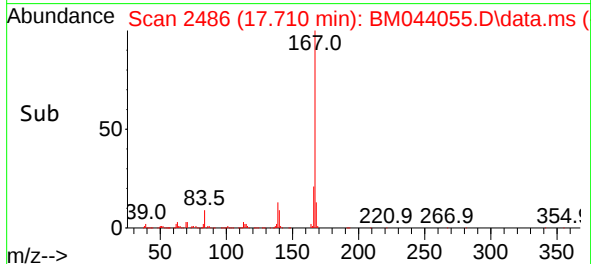
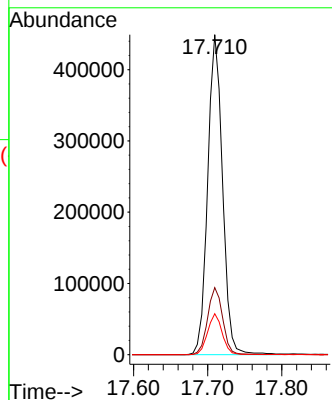
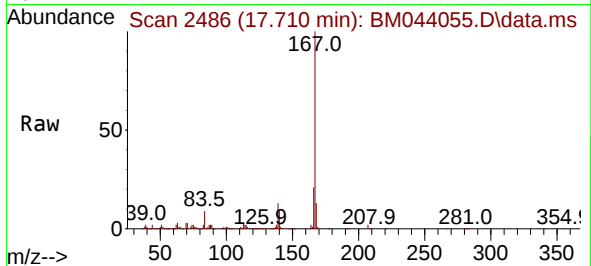




#73
 Carbazole
 Concen: 5.843 ng
 RT: 17.710 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

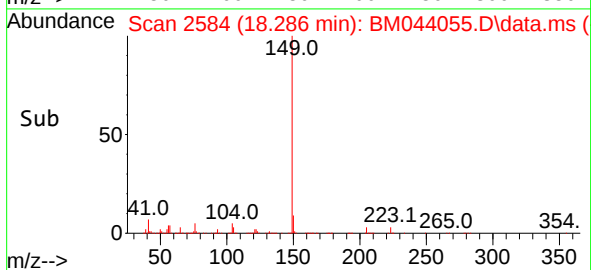
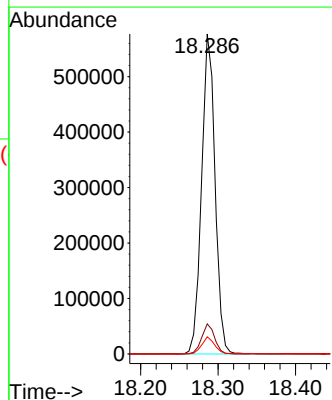
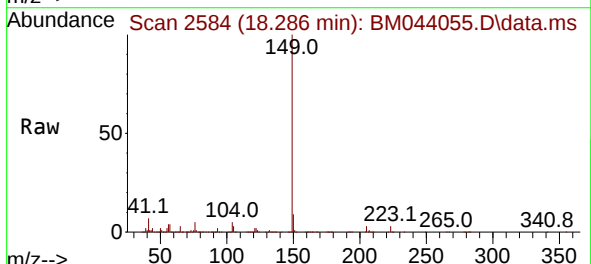
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

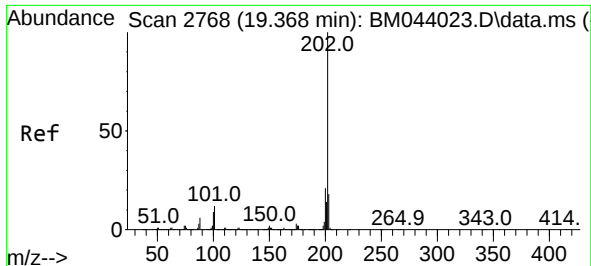
Tgt Ion:167 Resp: 625395
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 12.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 5.001 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

Tgt Ion:149 Resp: 695725
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 3.8 5.6

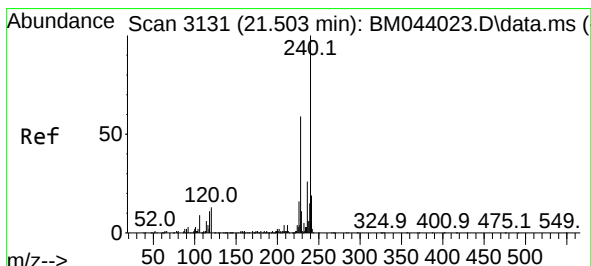
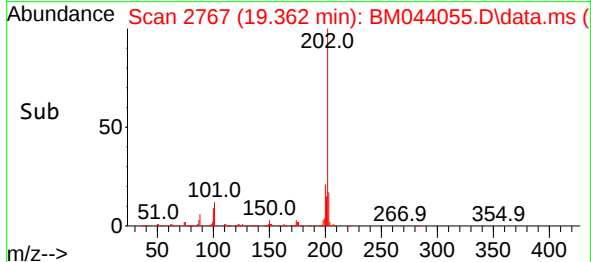
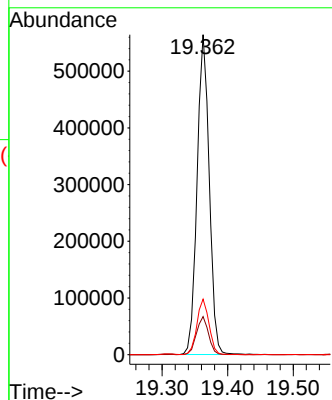
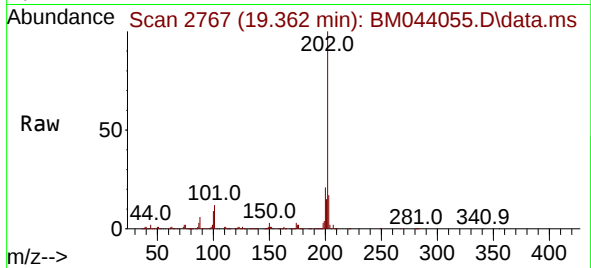




#75
Fluoranthene
Concen: 5.833 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

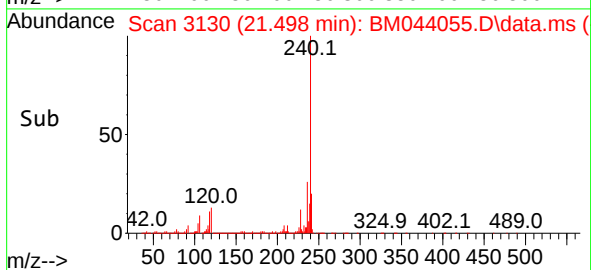
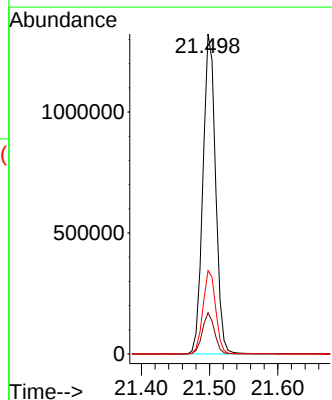
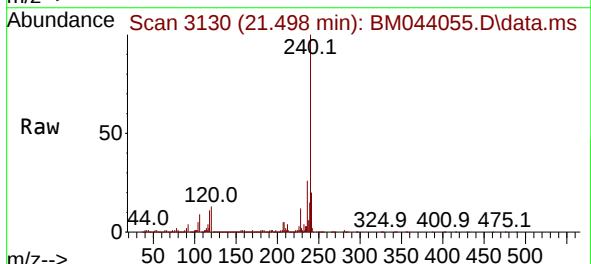
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

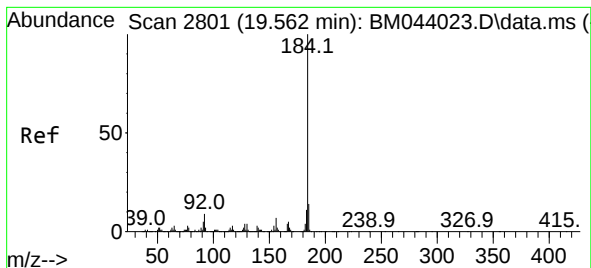
Tgt Ion:202 Resp: 728419
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.4
203 17.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:240 Resp: 1713198
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 26.1 20.6 31.0





#77

Benzidine

Concen: 9.705 ng

RT: 19.562 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

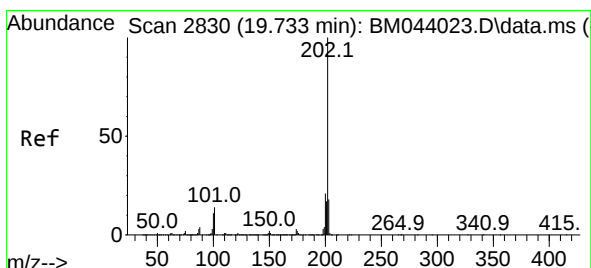
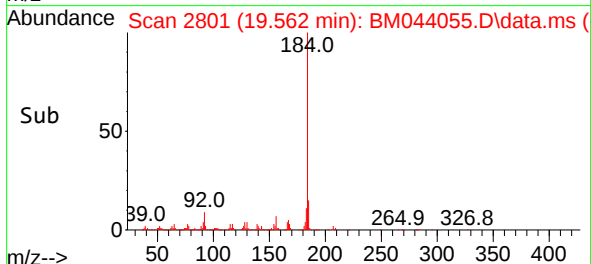
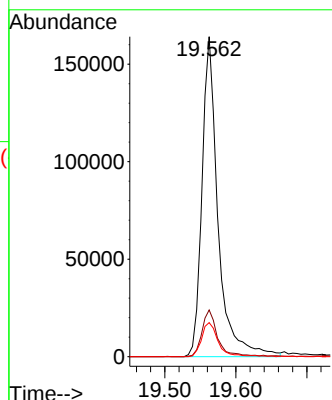
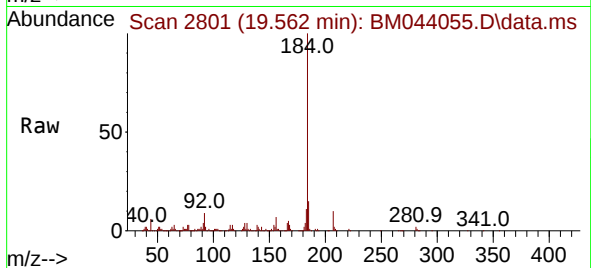
Tgt Ion:184 Resp: 258382

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.6

183 10.7 9.0 13.4



#78

Pyrene

Concen: 5.800 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

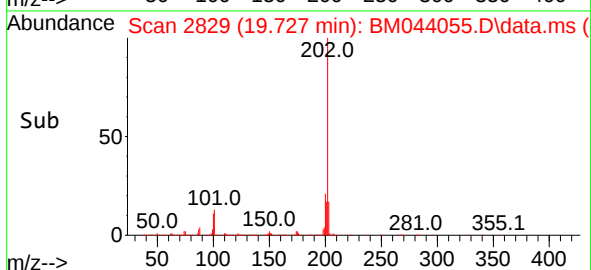
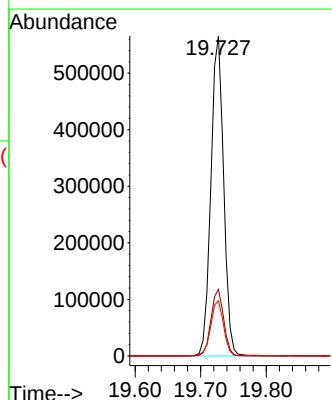
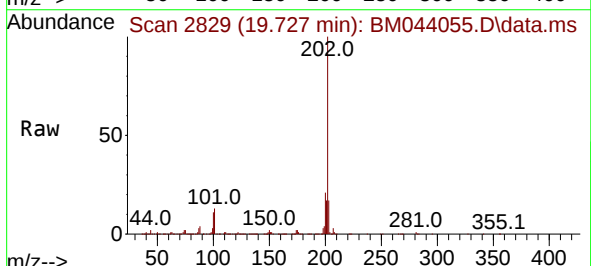
Tgt Ion:202 Resp: 765299

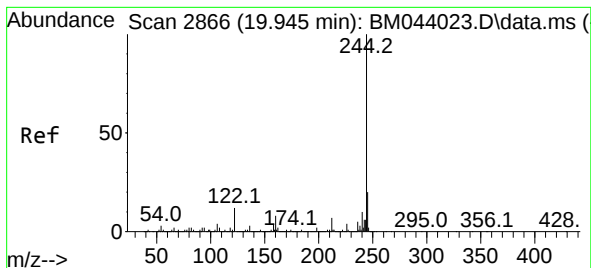
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 60.663 ng

RT: 19.939 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

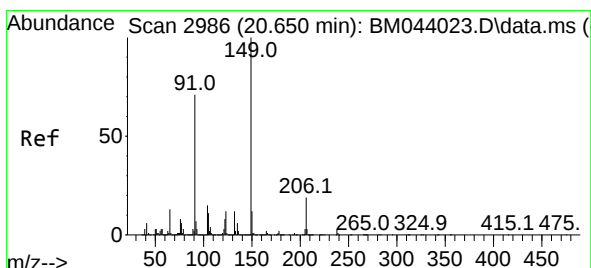
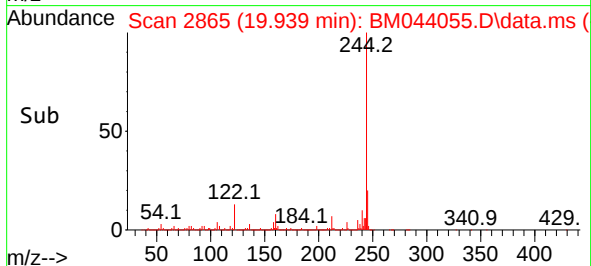
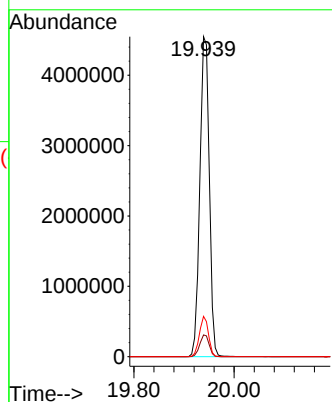
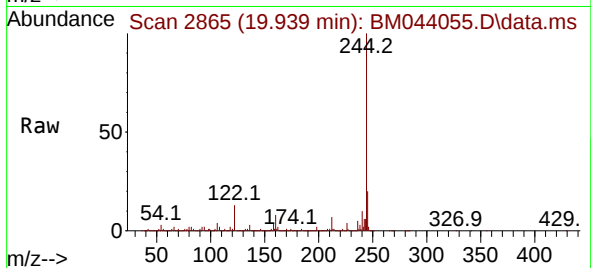
Tgt Ion:244 Resp: 5928454

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 12.6 9.5 14.3



#80

Butylbenzylphthalate

Concen: 4.431 ng

RT: 20.651 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

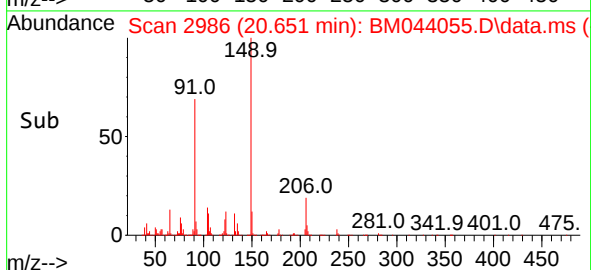
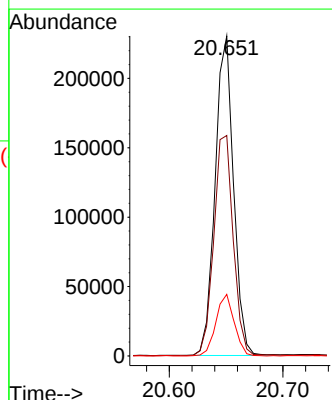
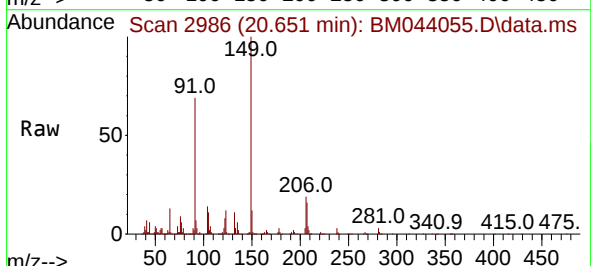
Tgt Ion:149 Resp: 259876

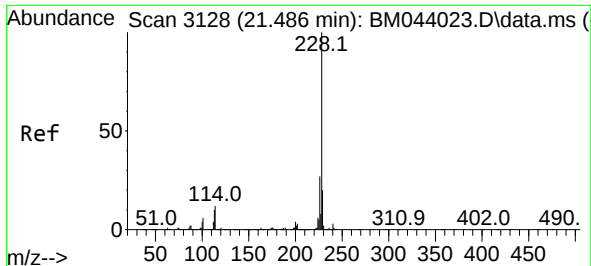
Ion Ratio Lower Upper

149 100

91 68.9 56.8 85.2

206 19.2 15.0 22.6

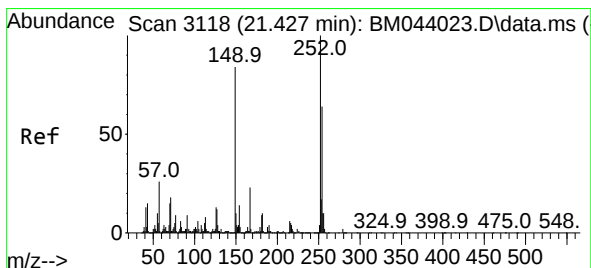
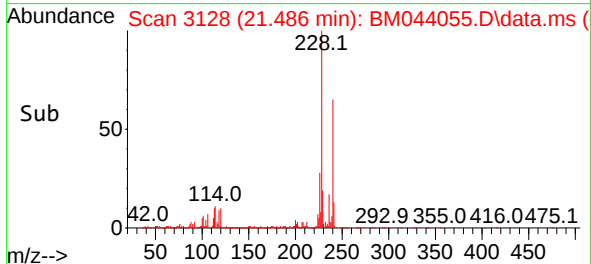
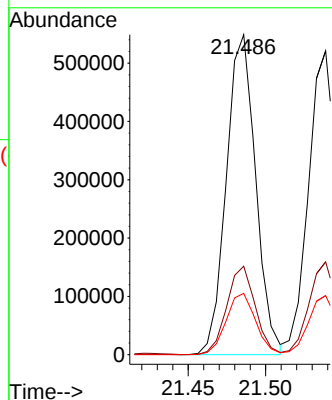
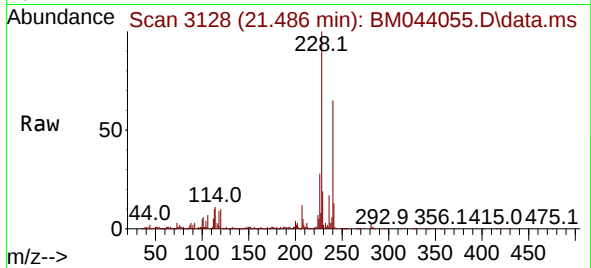




#81
Benzo(a)anthracene
Concen: 6.066 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

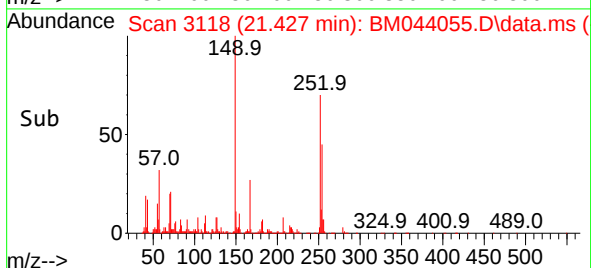
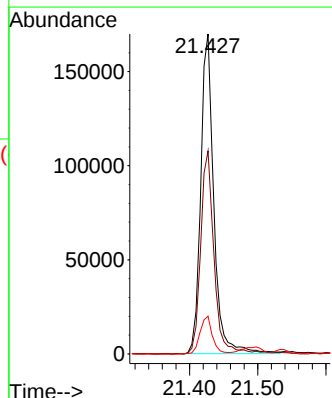
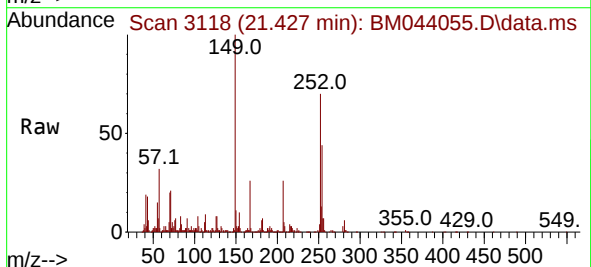
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

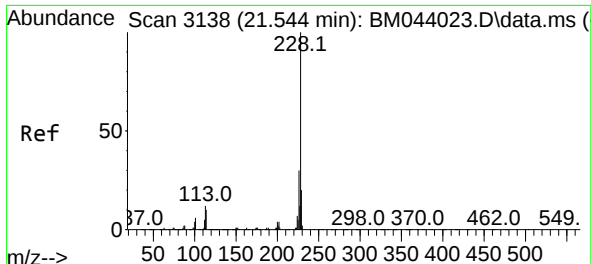
Tgt Ion:228 Resp: 722901
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.2 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 5.810 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:252 Resp: 227160
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 11.8 10.2 15.4

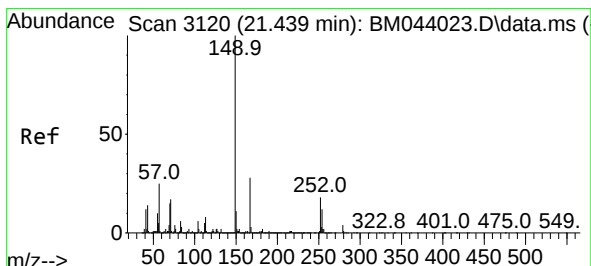
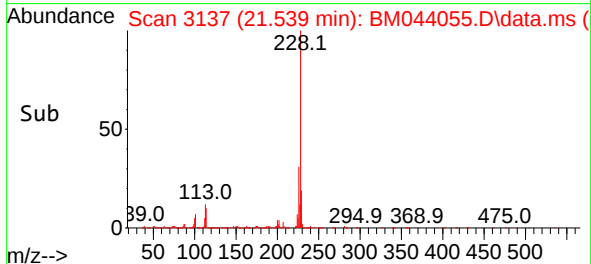
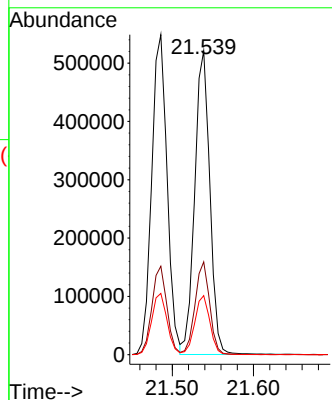
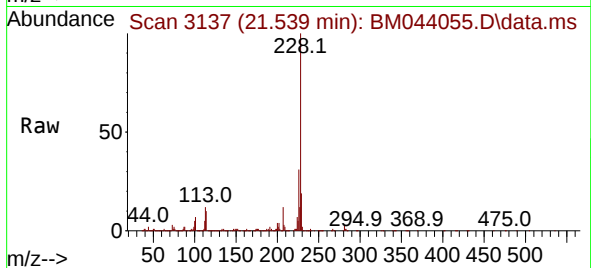




#83
Chrysene
Concen: 6.001 ng
RT: 21.539 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

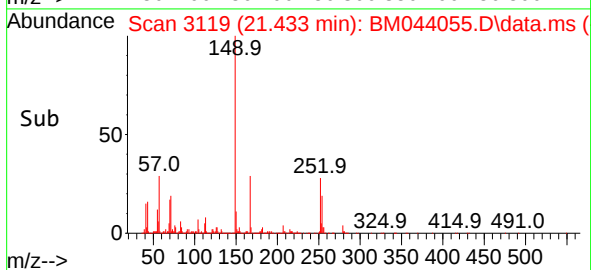
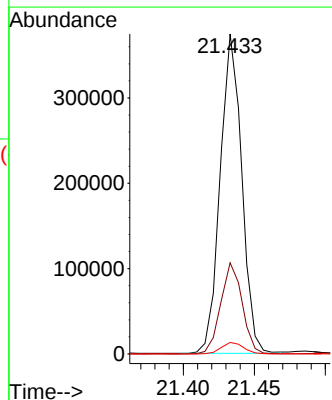
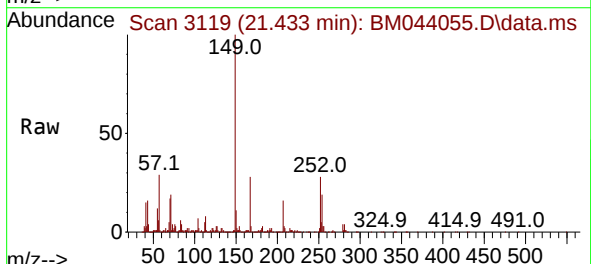
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

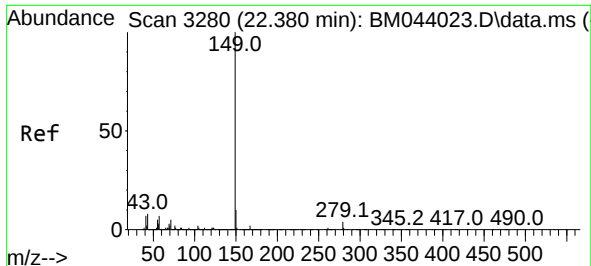
Tgt Ion:228 Resp: 675672
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.4 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.564 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:149 Resp: 394941
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 3.6 3.1 4.7

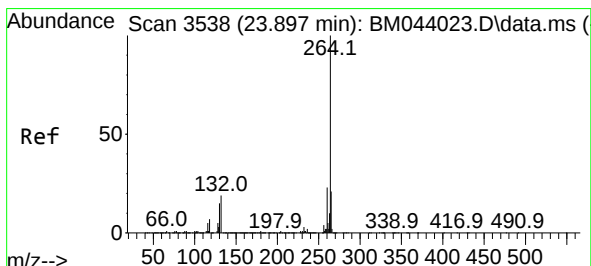
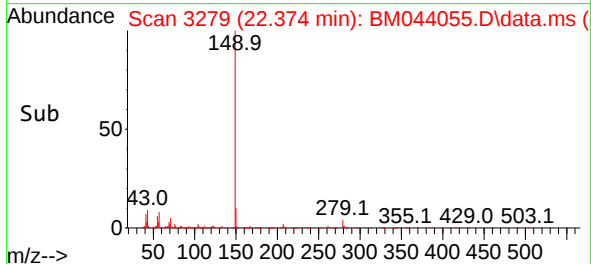
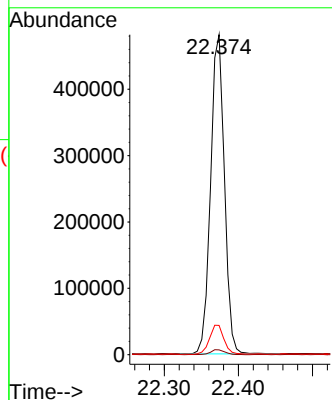
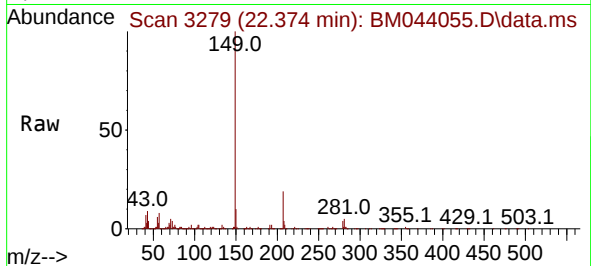




#85
Di-n-octyl phthalate
Concen: 4.122 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

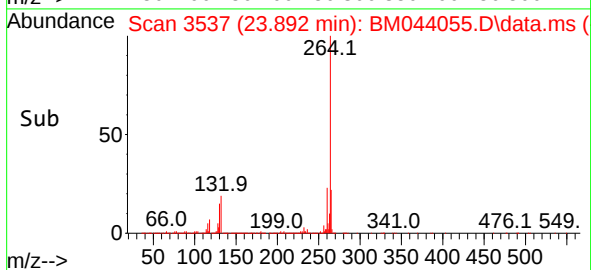
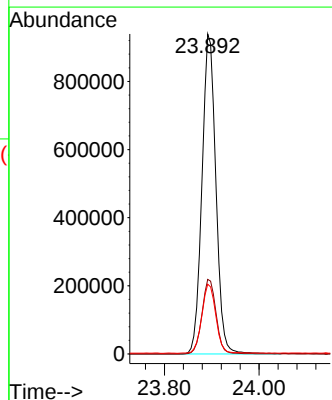
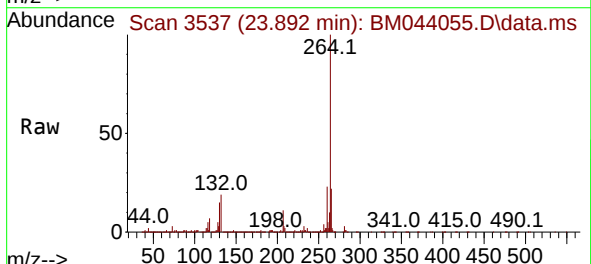
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

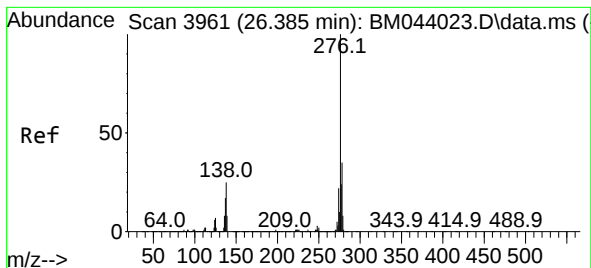
Tgt Ion:149 Resp: 623007
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.892 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:264 Resp: 1913465
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.853 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

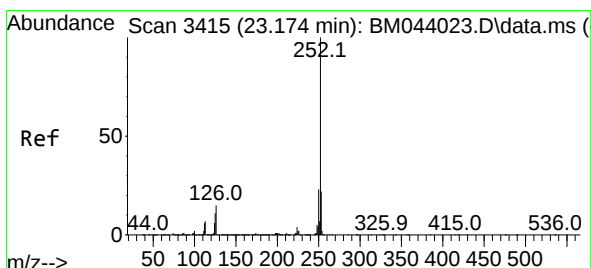
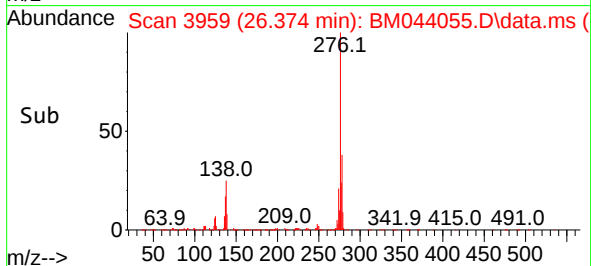
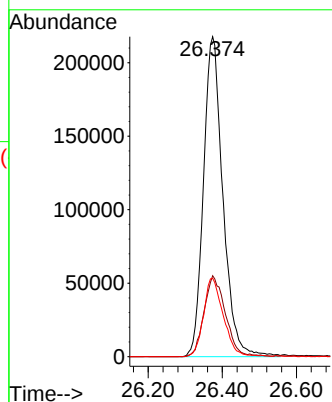
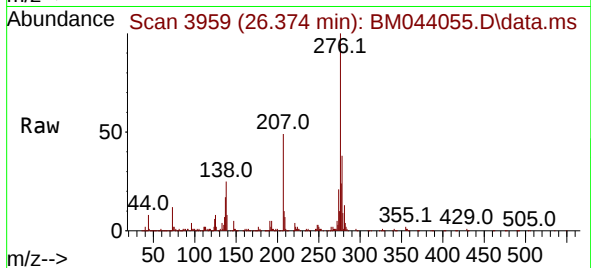
Tgt Ion:276 Resp: 792643

Ion Ratio Lower Upper

276 100

138 27.9 22.6 34.0

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.957 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

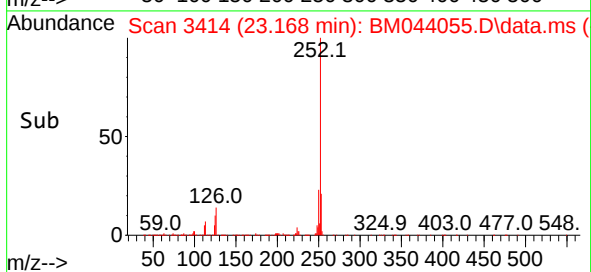
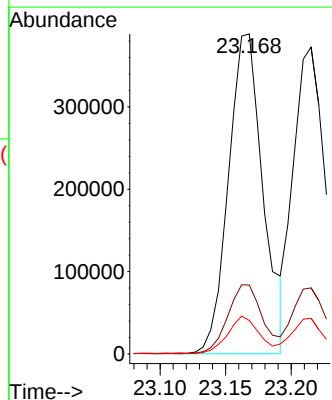
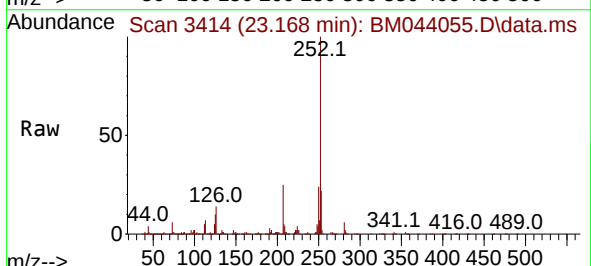
Tgt Ion:252 Resp: 712505

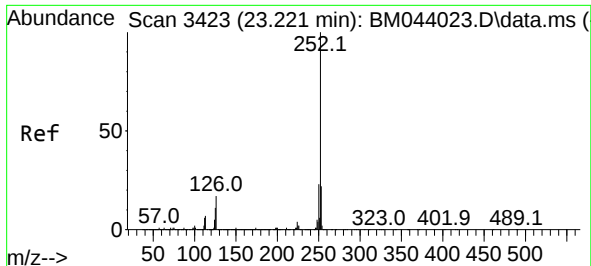
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.4 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 5.615 ng

RT: 23.215 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

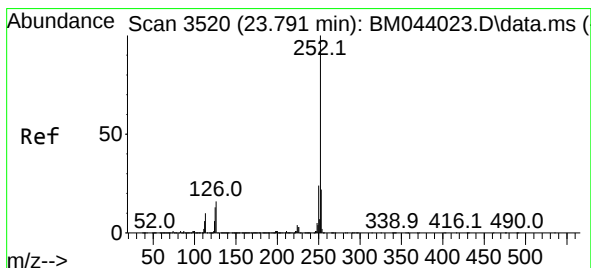
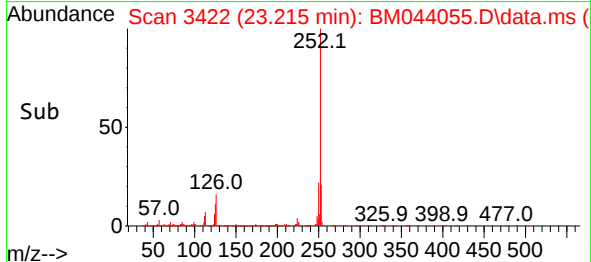
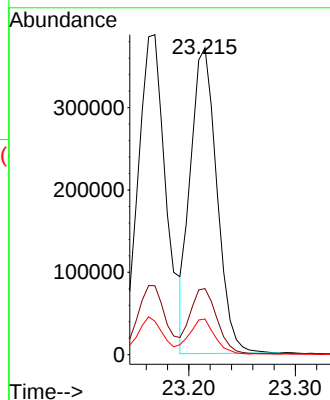
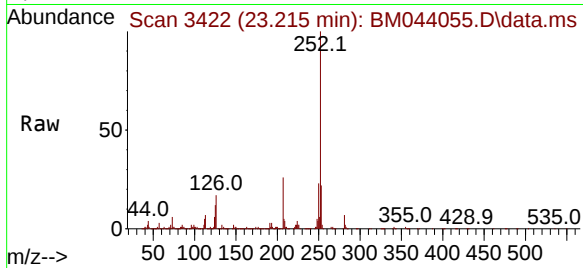
Tgt Ion:252 Resp: 638229

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 11.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 5.574 ng

RT: 23.786 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

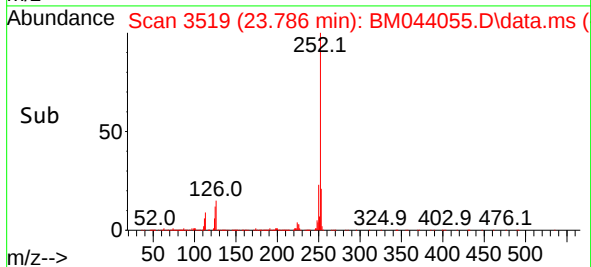
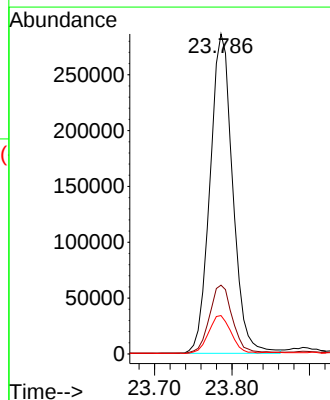
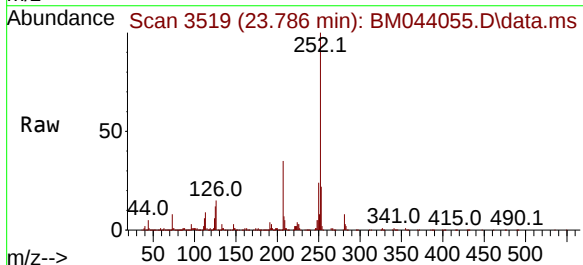
Tgt Ion:252 Resp: 582317

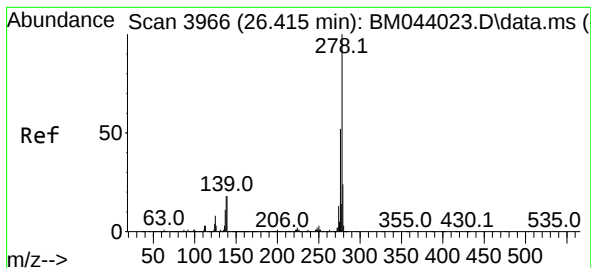
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 12.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.924 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

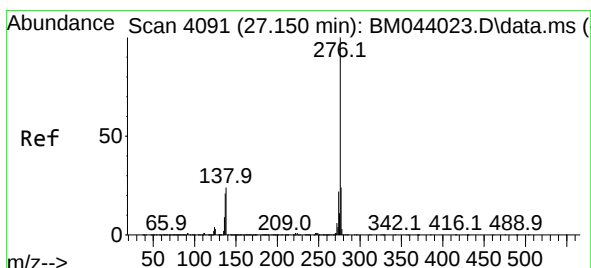
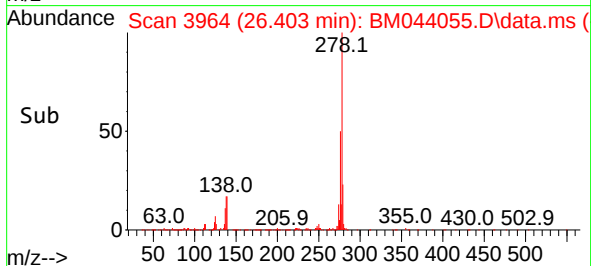
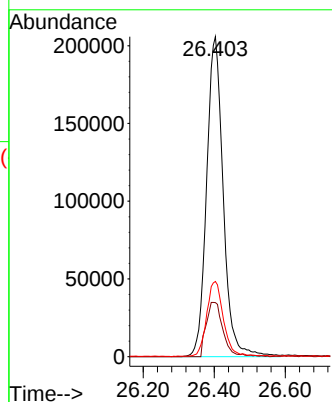
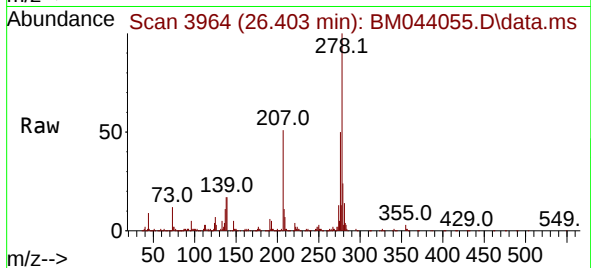
Tgt Ion:278 Resp: 671104

Ion Ratio Lower Upper

278 100

139 16.9 14.5 21.7

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 5.653 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:276 Resp: 649507

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 24.8 19.1 28.7

