

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044054.D
 Acq On : 12 Feb 2024 13:29
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 12 14:03:09 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	355136	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1714887	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1046271	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2046600	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1734146	20.000	ng	0.00
86) Perylene-d12	23.897	264	1955615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3517634	144.062	ng	0.00
7) Phenol-d6	7.075	99	4879731	157.069	ng	0.00
23) Nitrobenzene-d5	9.075	82	2622920	81.161	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1525299	134.646	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5852748	78.948	ng	0.00
79) Terphenyl-d14	19.945	244	7590856	76.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	41129	4.244	ng	97
3) Pyridine	3.793	79	102855	4.020	ng	95
4) n-Nitrosodimethylamine	3.710	42	39710	4.091	ng	# 93
6) Aniline	7.239	93	158923	5.203	ng	97
8) 2-Chlorophenol	7.463	128	101423	3.978	ng	99
9) Benzaldehyde	7.051	77	89451	5.603	ng	95
10) Phenol	7.098	94	148498	4.736	ng	90
11) bis(2-Chloroethyl)ether	7.340	93	110210	4.245	ng	99
12) 1,3-Dichlorobenzene	7.792	146	106933	3.694	ng	97
13) 1,4-Dichlorobenzene	7.939	146	109024	3.736	ng	96
14) 1,2-Dichlorobenzene	8.257	146	104756	3.767	ng	98
15) Benzyl Alcohol	8.151	79	93718	4.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	151097	4.590	ng	97
17) 2-Methylphenol	8.351	107	88592	4.304	ng	98
18) Hexachloroethane	8.981	117	39520	3.617	ng	100
19) n-Nitroso-di-n-propyla...	8.722	70	86907	4.556	ng	97
20) 3+4-Methylphenols	8.681	107	117847	4.160	ng	99
22) Acetophenone	8.734	105	176191	4.048	ng	# 98
24) Nitrobenzene	9.116	77	132119	3.992	ng	97
25) Isophorone	9.639	82	225895	3.630	ng	98
26) 2-Nitrophenol	9.822	139	46582	3.036	ng	98
27) 2,4-Dimethylphenol	9.886	122	85399	4.353	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	157227	3.907	ng	99
29) 2,4-Dichlorophenol	10.357	162	88368	3.421	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	101762	3.504	ng	99
31) Naphthalene	10.757	128	355708	3.758	ng	98
32) Benzoic acid	9.945	122	34754	1.759	ng	93
33) 4-Chloroaniline	10.880	127	142410	3.974	ng	99
34) Hexachlorobutadiene	11.033	225	55752	3.353	ng	99
35) Caprolactam	11.651	113	24108	2.900	ng	99
36) 4-Chloro-3-methylphenol	11.998	107	91151	3.259	ng	99
37) 2-Methylnaphthalene	12.369	142	239029	3.791	ng	98
38) 1-Methylnaphthalene	12.586	142	234667	3.788	ng	96
40) 1,2,4,5-Tetrachloroben...	12.733	216	114154	3.754	ng	99
41) Hexachlorocyclopentadiene	12.710	237	52998	3.993	ng	95
43) 2,4,6-Trichlorophenol	12.980	196	60852	2.940	ng	92

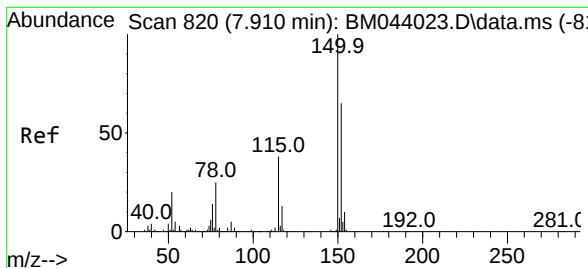
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	67945	2.992	ng	98
46) 1,1'-Biphenyl	13.386	154	314896	3.814	ng	98
47) 2-Chloronaphthalene	13.427	162	237029	3.624	ng	98
48) 2-Nitroaniline	13.639	65	56707	3.082	ng	89
49) Acenaphthylene	14.268	152	374233	3.836	ng	100
50) Dimethylphthalate	14.016	163	278777	3.594	ng	100
51) 2,6-Dinitrotoluene	14.139	165	52028	3.040	ng	88
52) Acenaphthene	14.610	154	222064	3.678	ng	98
53) 3-Nitroaniline	14.468	138	52877	2.875	ng	96
54) 2,4-Dinitrophenol	14.668	184	16231	7.057	ng #	84
55) Dibenzofuran	14.951	168	362575	3.879	ng	100
56) 4-Nitrophenol	14.768	139	34547	2.310	ng	90
57) 2,4-Dinitrotoluene	14.921	165	59741	2.671	ng	92
58) Fluorene	15.598	166	277836	3.847	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	58304	3.271	ng	94
60) Diethylphthalate	15.380	149	270592	3.375	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	132525	3.787	ng	98
62) 4-Nitroaniline	15.627	138	46738	2.524	ng	95
63) Azobenzene	15.892	77	261626	3.478	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	25207	2.067	ng	94
66) n-Nitrosodiphenylamine	15.815	169	225477	3.626	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	65971	3.260	ng	97
68) Hexachlorobenzene	16.592	284	90363	3.646	ng	97
69) Atrazine	16.774	200	68891	4.092	ng	99
70) Pentachlorophenol	16.945	266	39900	2.474	ng	99
71) Phenanthrene	17.345	178	429737	3.976	ng	99
72) Anthracene	17.433	178	398995	3.729	ng	99
73) Carbazole	17.709	167	366493	3.522	ng	100
74) Di-n-butylphthalate	18.286	149	394496	2.917	ng	99
75) Fluoranthene	19.362	202	433896	3.574	ng	99
77) Benzidine	19.562	184	98449	3.653	ng	98
78) Pyrene	19.727	202	456774	3.420	ng	99
80) Butylbenzylphthalate	20.650	149	144223	2.429	ng	93
81) Benzo(a)anthracene	21.486	228	441115	3.657	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	132023	3.336	ng	97
83) Chrysene	21.539	228	417717	3.665	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	223978	2.557	ng	98
85) Di-n-octyl phthalate	22.374	149	344453	2.252	ng	96
87) Indeno(1,2,3-cd)pyrene	26.374	276	479456	3.464	ng	100
88) Benzo(b)fluoranthene	23.168	252	421144	3.445	ng	99
89) Benzo(k)fluoranthene	23.215	252	411246	3.540	ng	99
90) Benzo(a)pyrene	23.791	252	350136	3.279	ng	98
91) Dibenzo(a,h)anthracene	26.409	278	410883	3.549	ng	97
92) Benzo(g,h,i)perylene	27.132	276	396998	3.381	ng	99

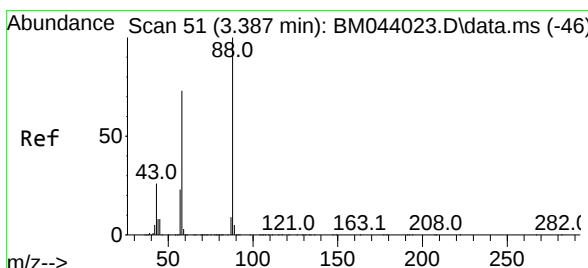
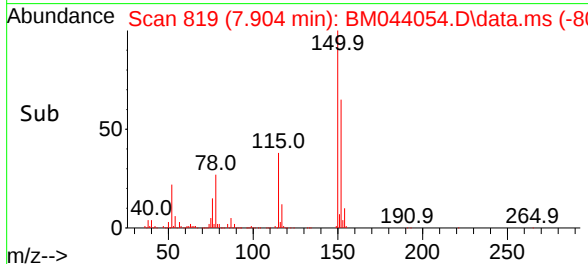
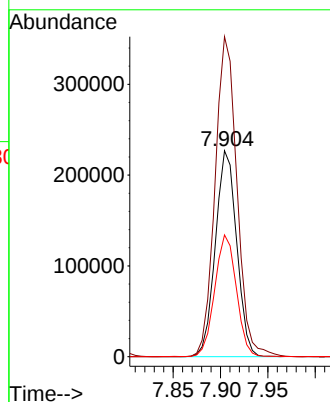
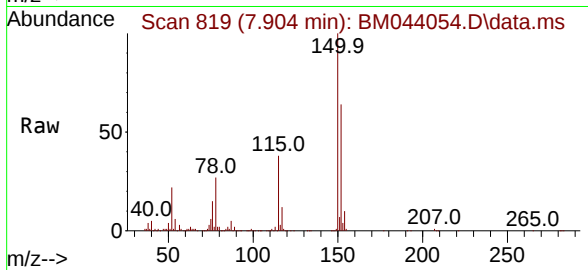
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

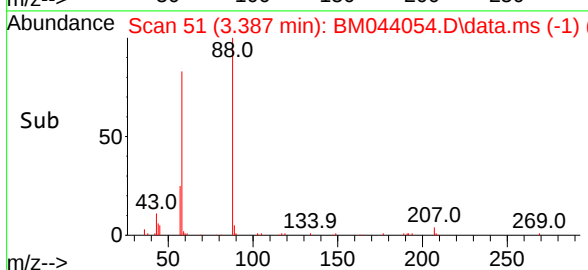
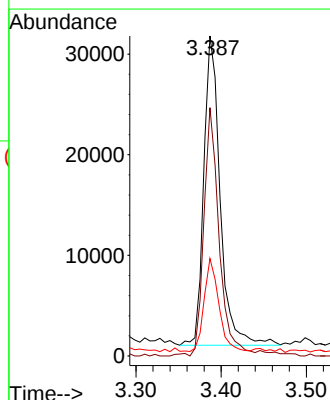
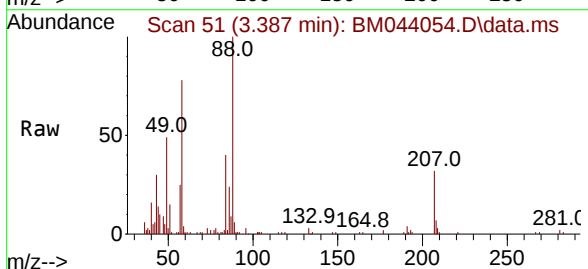
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

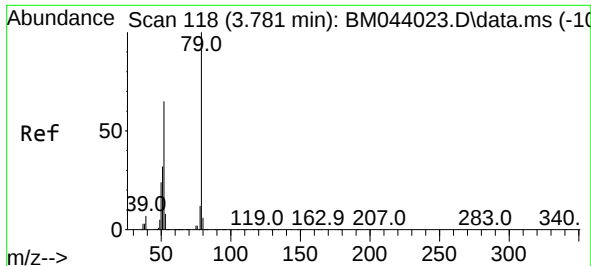
Tgt Ion:152 Resp: 355136
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.7 184.1
 115 59.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 4.244 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion: 88 Resp: 41129
 Ion Ratio Lower Upper
 88 100
 58 75.0 58.1 87.1
 43 27.2 21.1 31.7

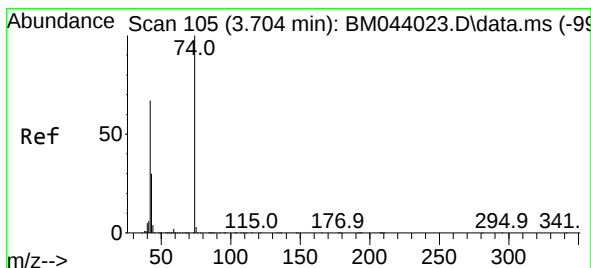
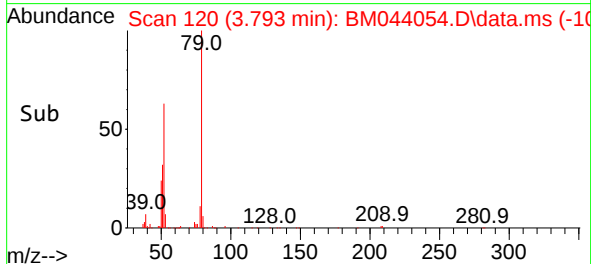
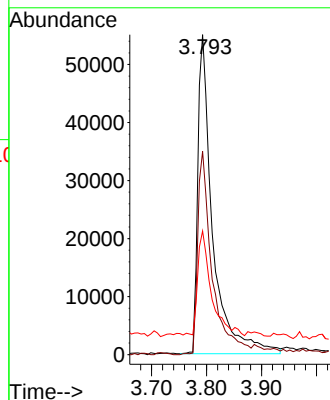
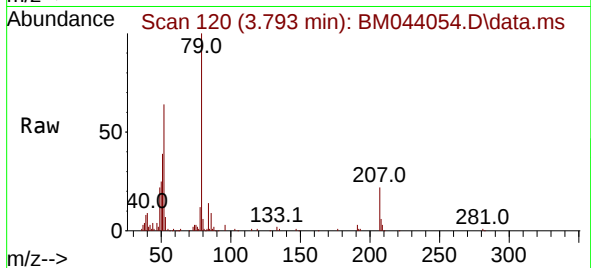




#3
 Pyridine
 Concen: 4.020 ng
 RT: 3.793 min Scan# 118
 Delta R.T. 0.012 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

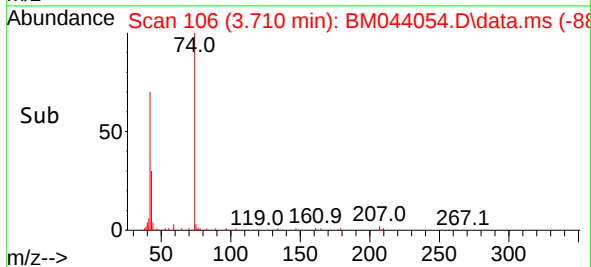
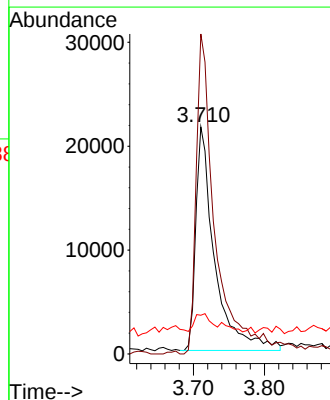
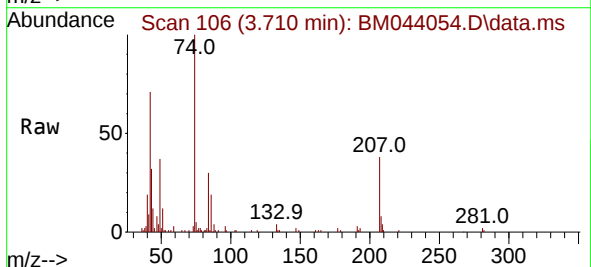
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT3-2023

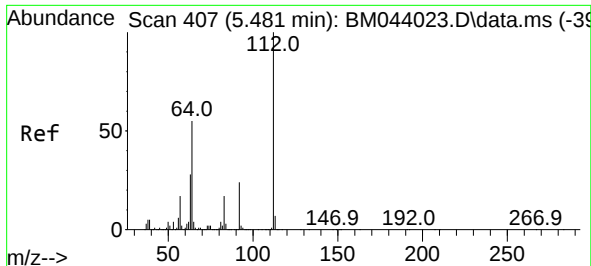
Tgt Ion: 79 Resp: 102855
 Ion Ratio Lower Upper
 79 100
 52 63.6 52.2 78.2
 51 38.6 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 4.091 ng
 RT: 3.710 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion: 42 Resp: 39710
 Ion Ratio Lower Upper
 42 100
 74 141.0 118.6 178.0
 44 17.0 5.6 8.4

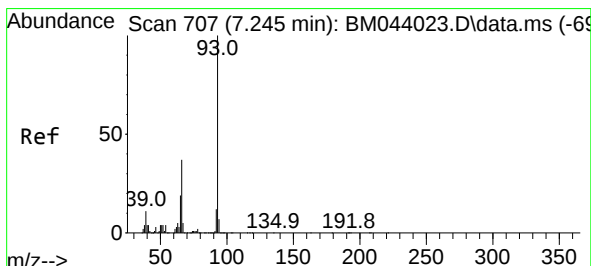
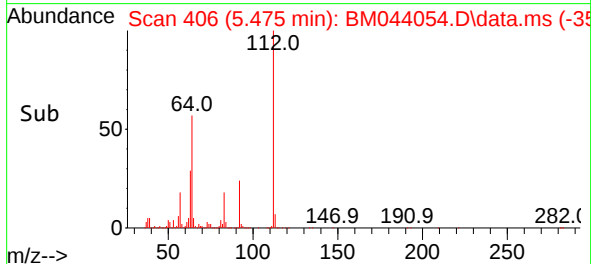
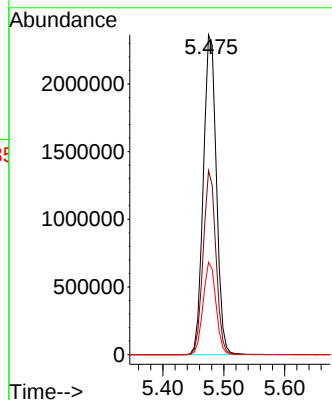
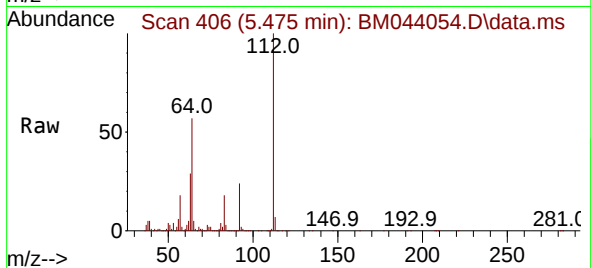




#5
2-Fluorophenol
Concen: 144.062 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

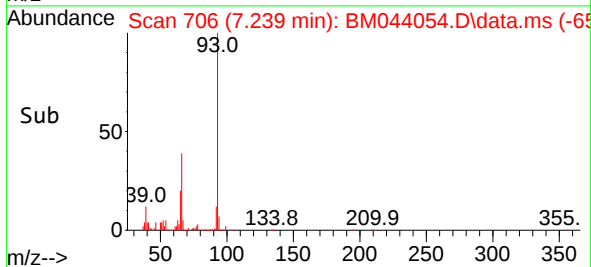
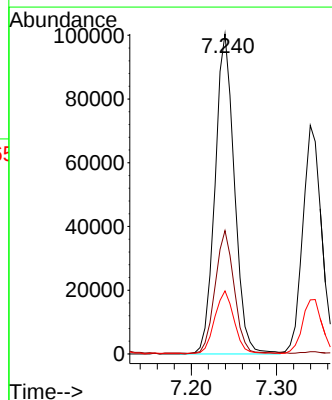
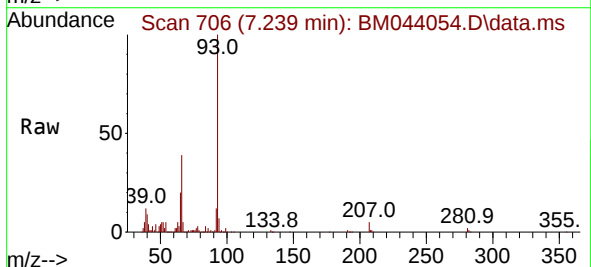
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023

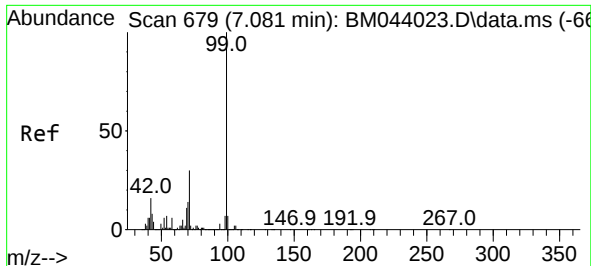
Tgt Ion:112 Resp: 3517634
Ion Ratio Lower Upper
112 100
64 57.5 44.2 66.4
63 28.9 22.6 34.0



#6
Aniline
Concen: 5.203 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 93 Resp: 158923
Ion Ratio Lower Upper
93 100
66 38.6 29.4 44.0
65 19.7 15.2 22.8



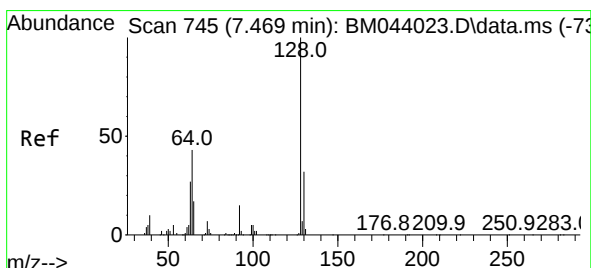
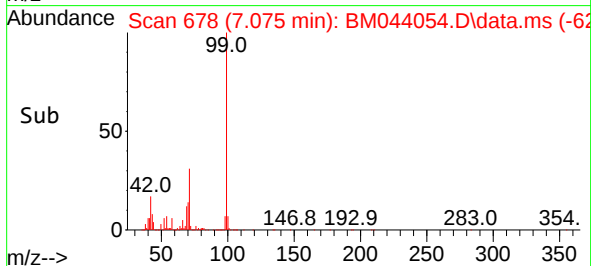
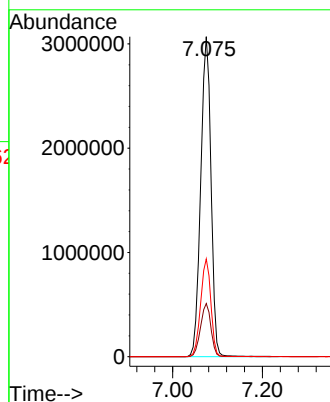
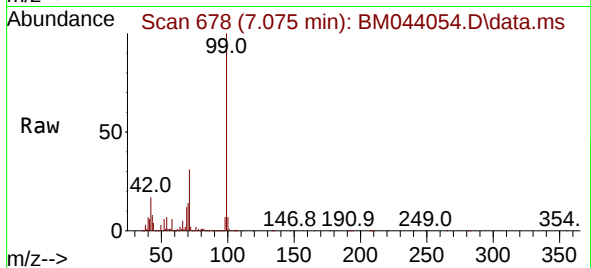


#7
Phenol-d6
Concen: 157.069 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

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

Tgt Ion: 99 Resp: 4879731

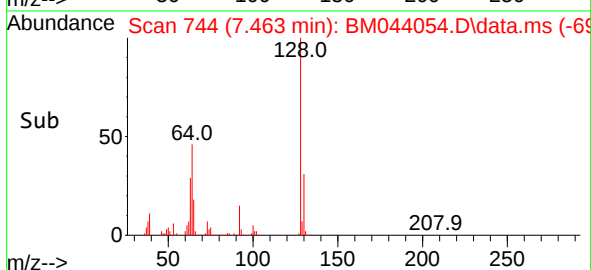
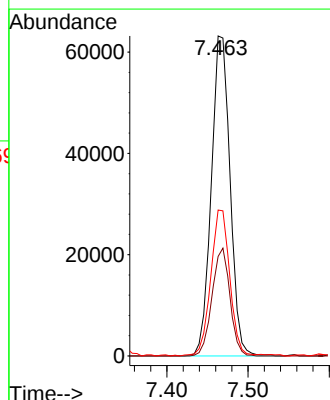
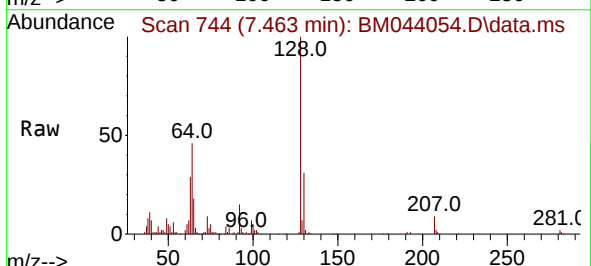
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	30.5	23.9	35.9

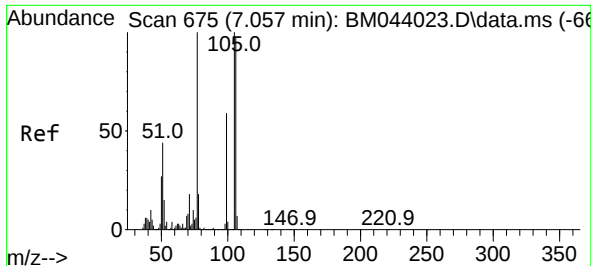


#8
2-Chlorophenol
Concen: 3.978 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 128 Resp: 101423

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.1	52.1
64	45.6	26.0	66.0

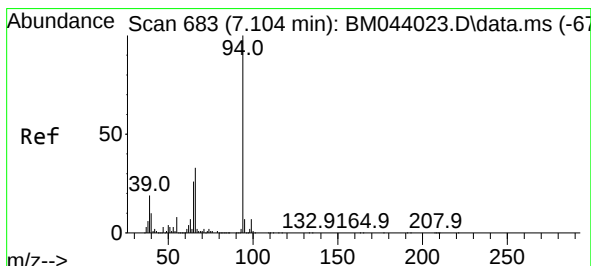
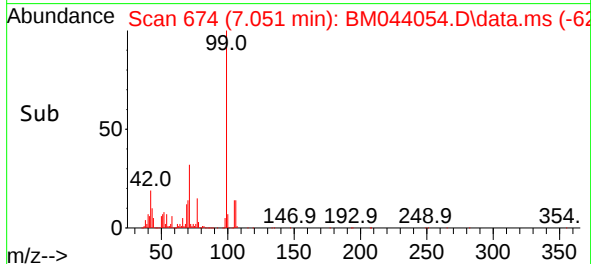
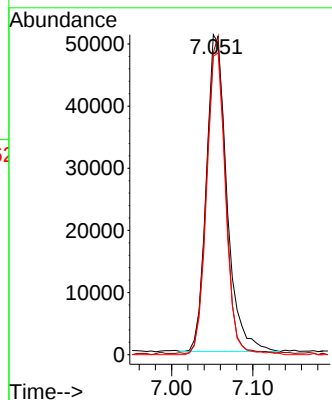
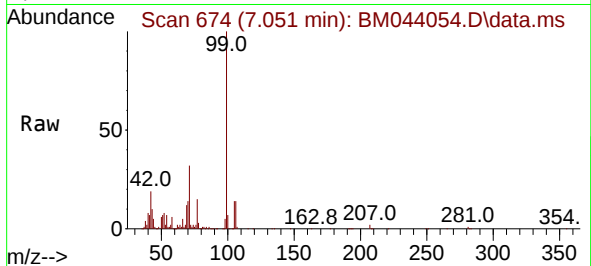




#9
Benzaldehyde
Concen: 5.603 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

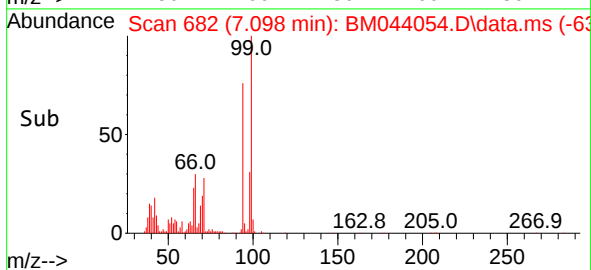
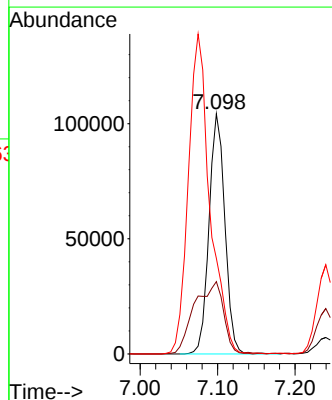
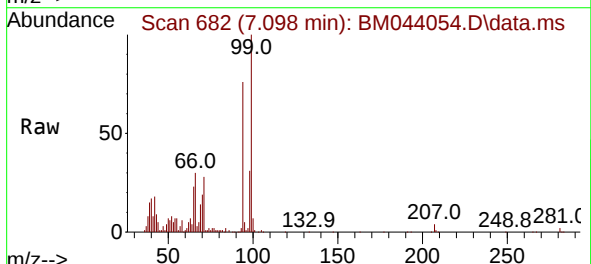
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023

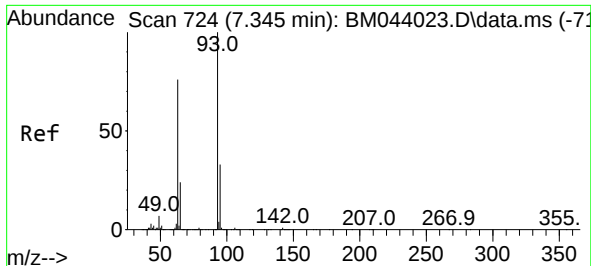
Tgt Ion: 77 Resp: 89451
Ion Ratio Lower Upper
77 100
105 94.3 80.0 120.0
106 93.2 76.8 116.8



#10
Phenol
Concen: 4.736 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 94 Resp: 148498
Ion Ratio Lower Upper
94 100
65 30.1 6.4 46.4
66 39.8 13.2 53.2

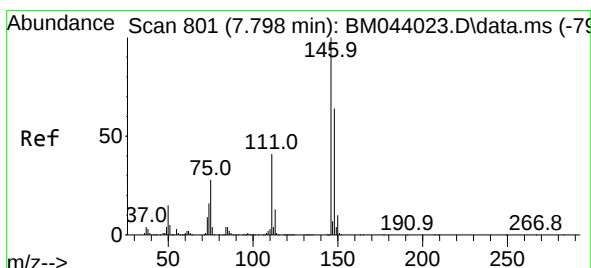
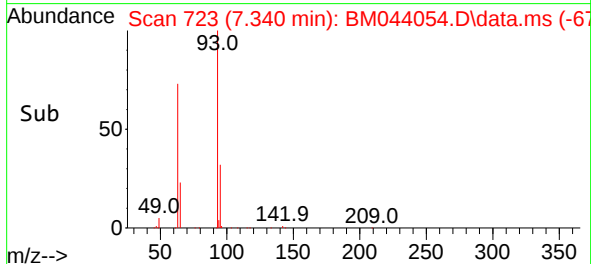
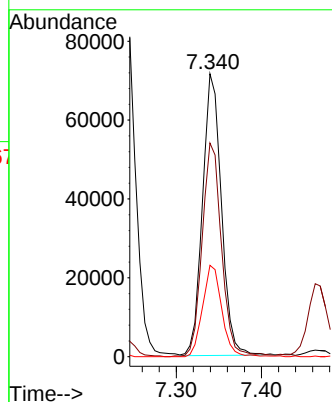
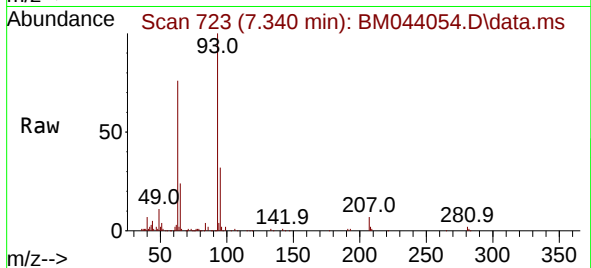




#11
bis(2-Chloroethyl)ether
Concen: 4.245 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

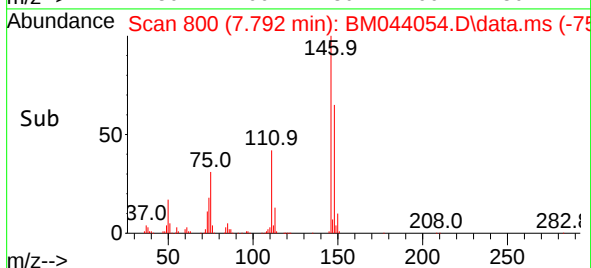
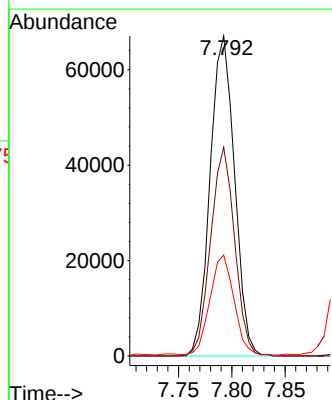
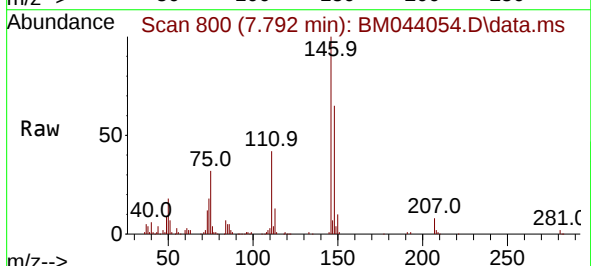
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

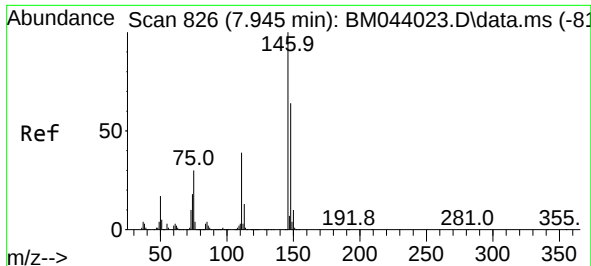
Tgt Ion: 93 Resp: 110210
Ion Ratio Lower Upper
93 100
63 75.5 55.9 95.9
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 3.694 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:146 Resp: 106933
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 31.6 22.7 34.1

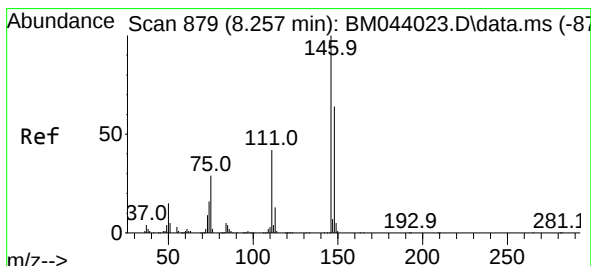
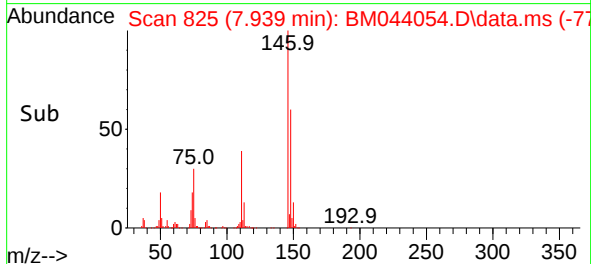
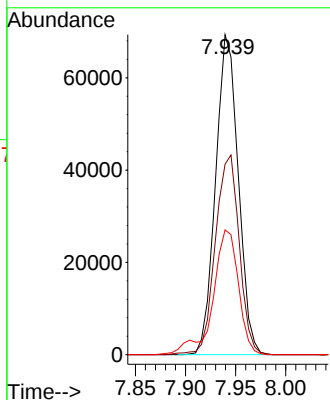
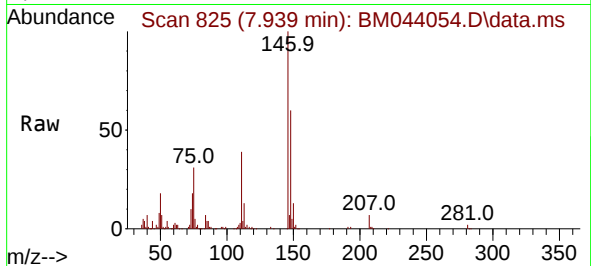




#13
1,4-Dichlorobenzene
Concen: 3.736 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

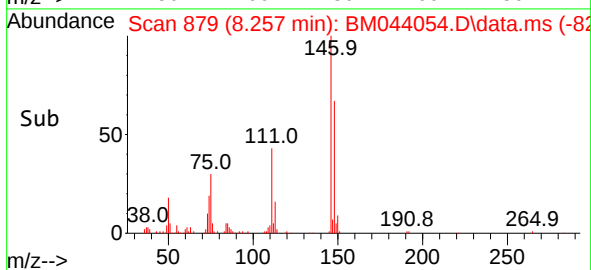
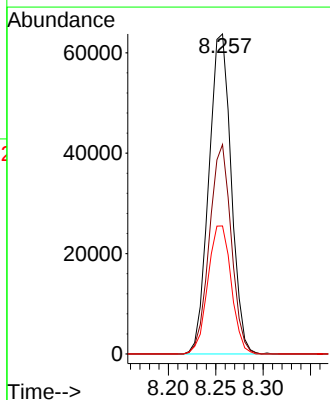
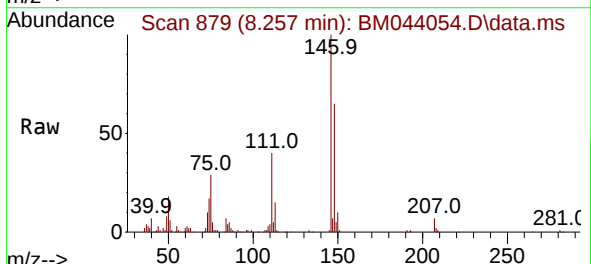
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

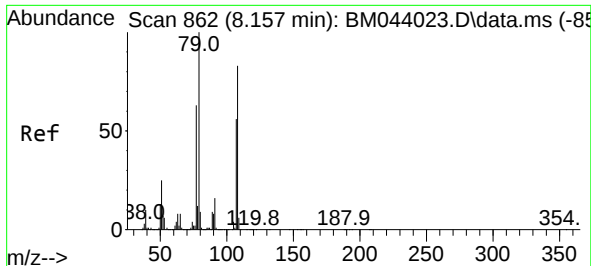
Tgt Ion:146 Resp: 109024
Ion Ratio Lower Upper
146 100
148 59.6 51.2 76.8
111 39.0 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 3.767 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:146 Resp: 104756
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
111 40.0 33.7 50.5

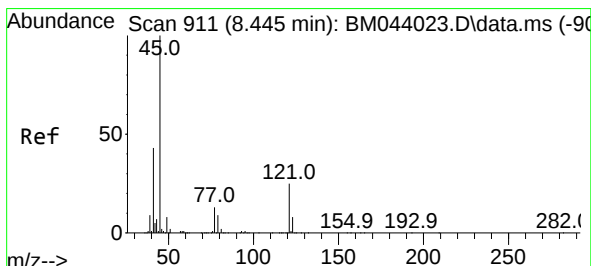
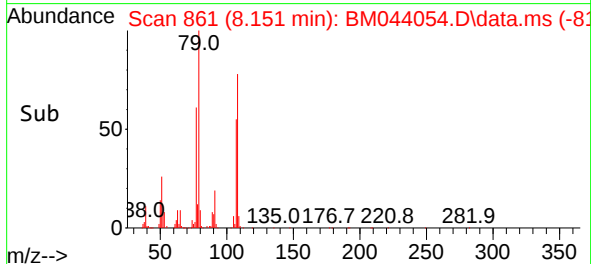
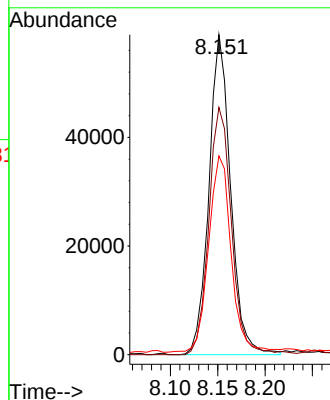
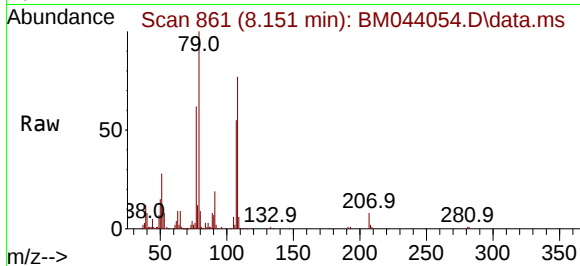




#15
Benzyl Alcohol
Concen: 4.633 ng
RT: 8.151 min Scan# 862
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

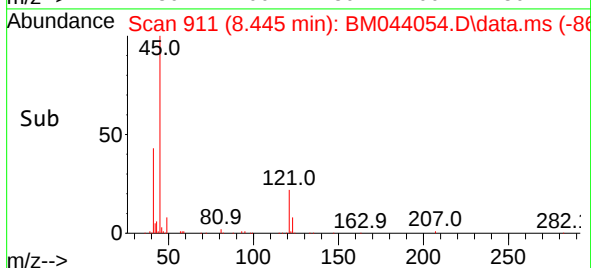
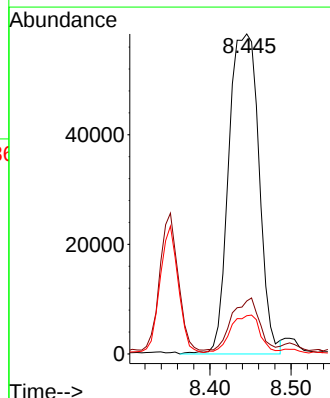
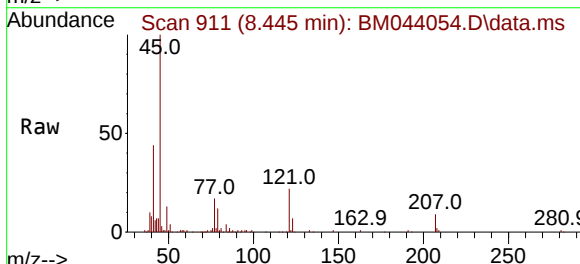
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

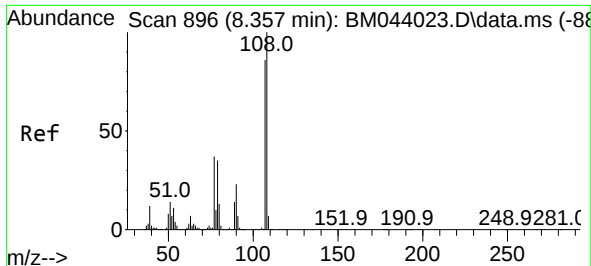
Tgt Ion: 79 Resp: 93718
Ion Ratio Lower Upper
79 100
108 77.2 66.0 99.0
77 62.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.590 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 45 Resp: 151097
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.1
79 12.0 0.0 31.5

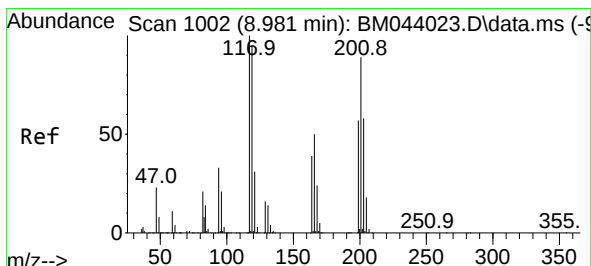
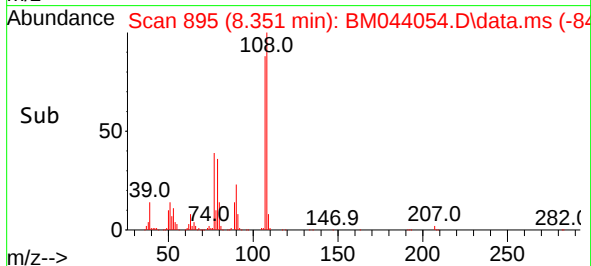
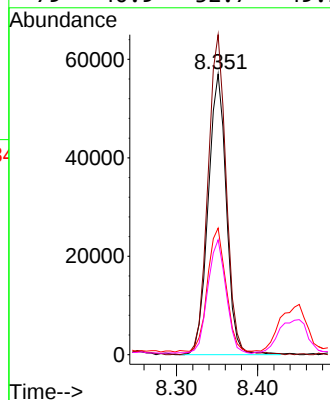
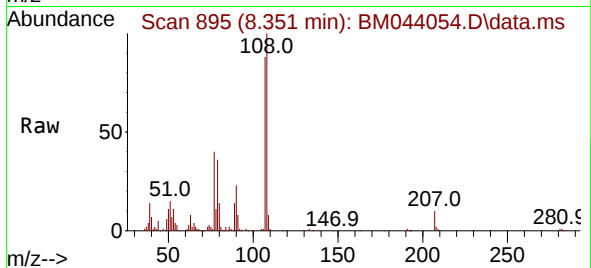




#17
2-Methylphenol
Concen: 4.304 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

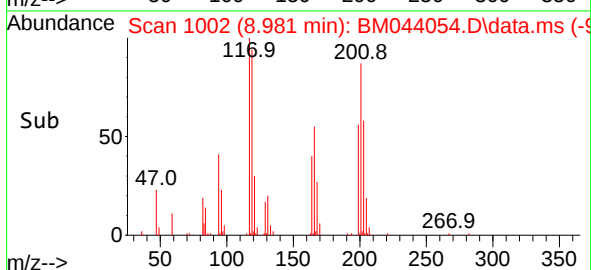
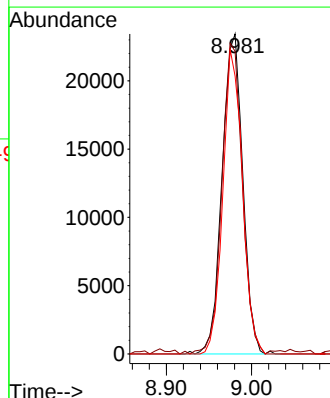
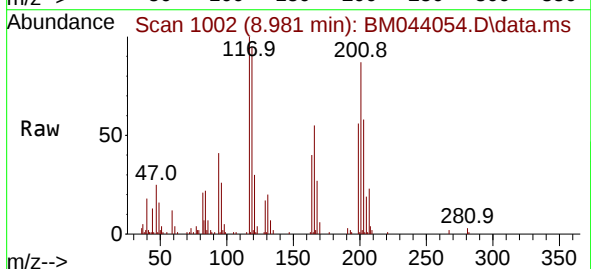
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

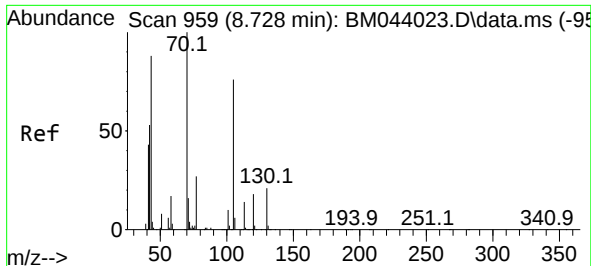
Tgt Ion:	107	Resp:	88592
Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.2
77	45.1	34.7	52.1
79	40.9	32.7	49.1



#18
Hexachloroethane
Concen: 3.617 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:	117	Resp:	39520
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.7	113.5
201	88.5	71.5	107.3

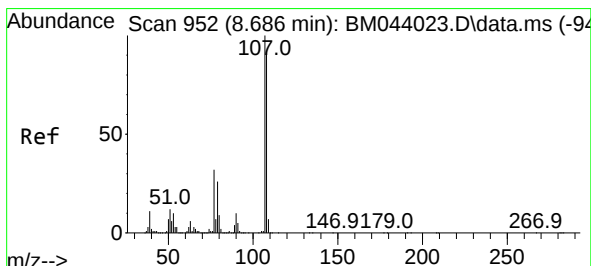
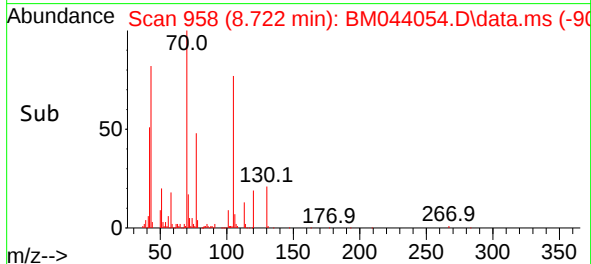
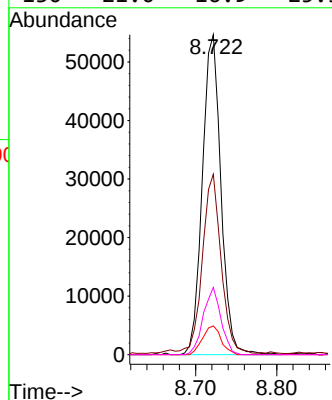
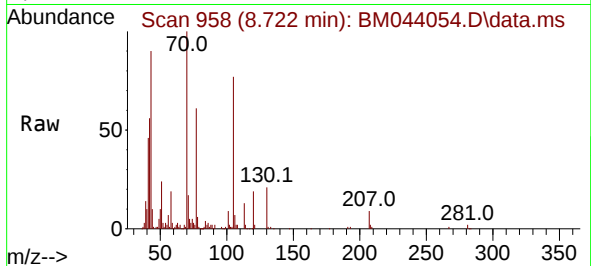




#19
n-Nitroso-di-n-propylamine
Concen: 4.556 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

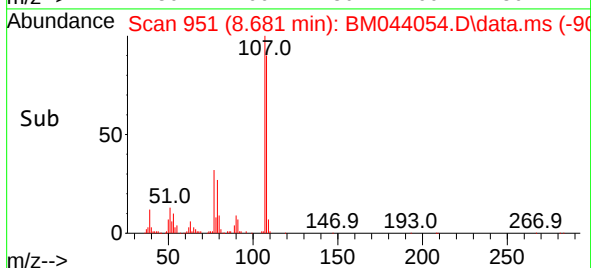
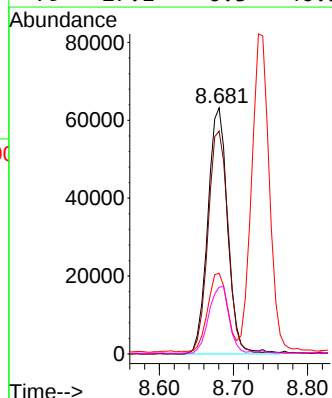
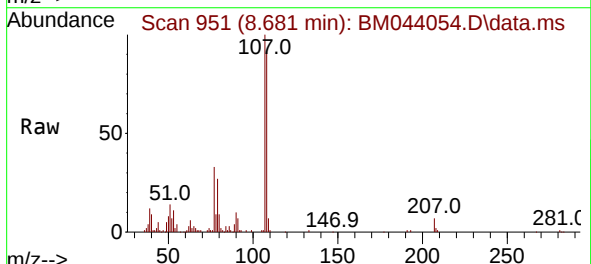
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

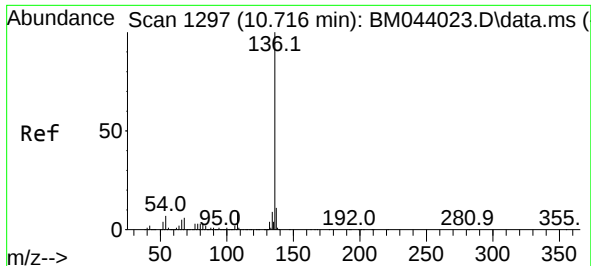
Tgt Ion:	70	Resp:	86907
Ion	Ratio	Lower	Upper
70	100		
42	56.4	42.6	64.0
101	9.0	7.8	11.6
130	21.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 4.160 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:	107	Resp:	117847
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.5	111.5
77	32.8	11.8	51.8
79	27.1	6.3	46.3

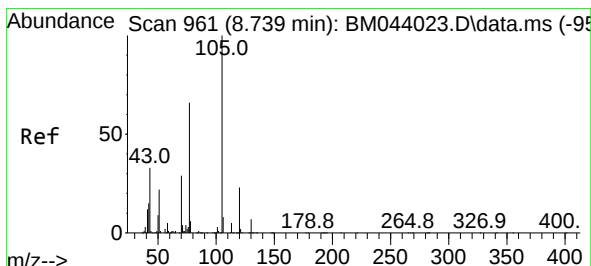
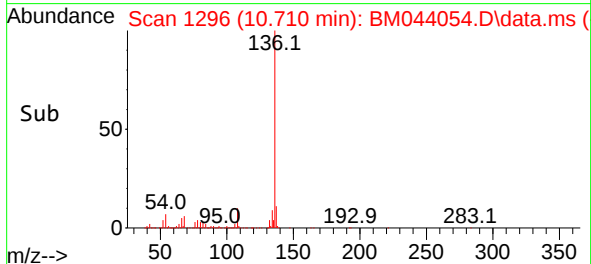
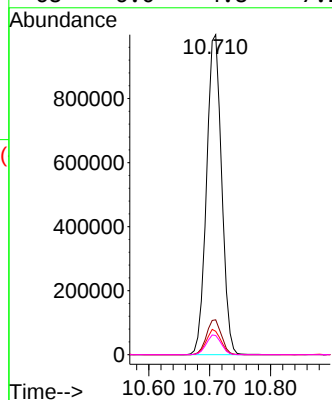
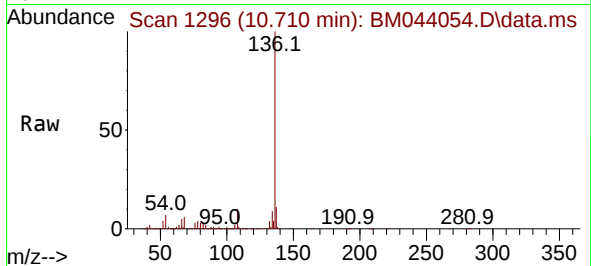




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

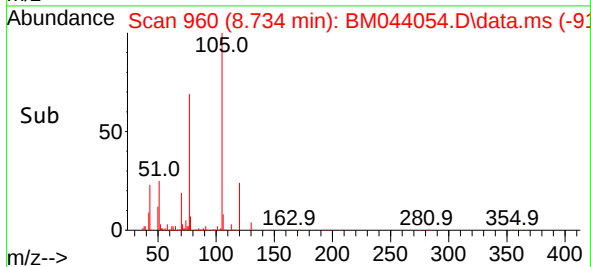
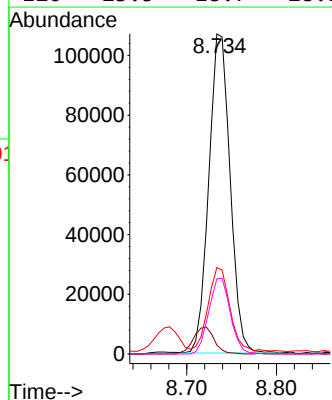
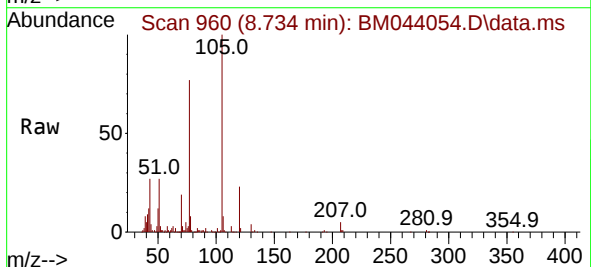
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

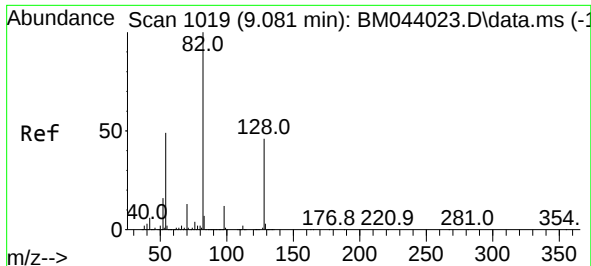
Tgt Ion:136 Resp: 1714887
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 5.9 8.9
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 4.048 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:105 Resp: 176191
Ion Ratio Lower Upper
105 100
71 2.8 4.0 6.0#
51 27.0 20.1 30.1
120 23.5 18.7 28.1

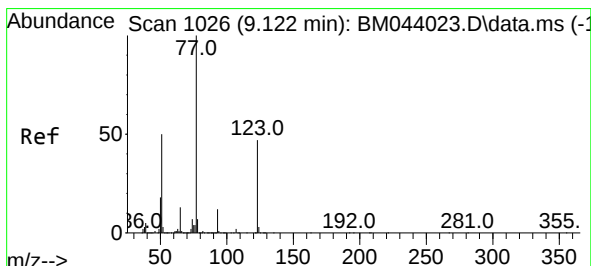
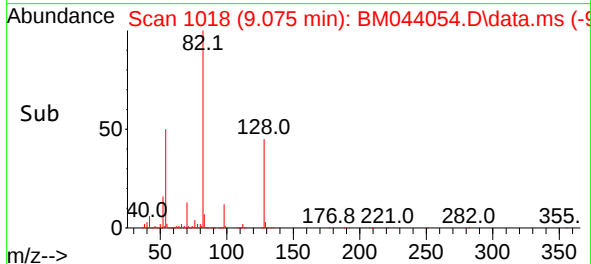
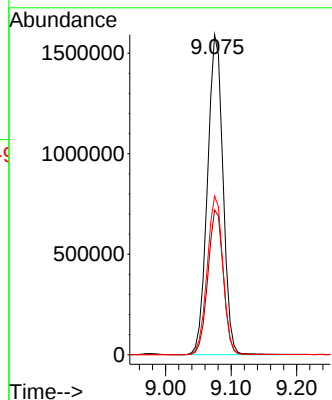
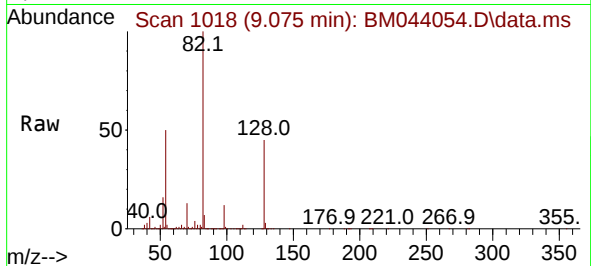




#23
Nitrobenzene-d5
Concen: 81.161 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

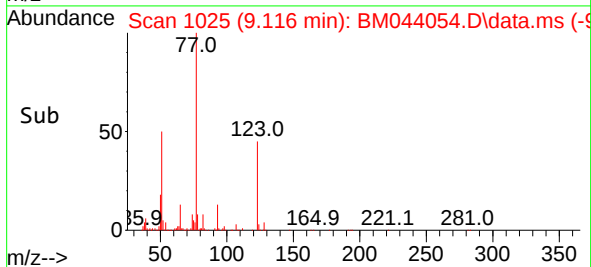
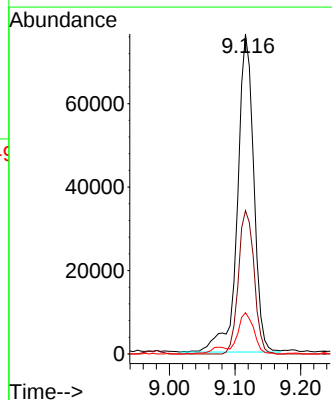
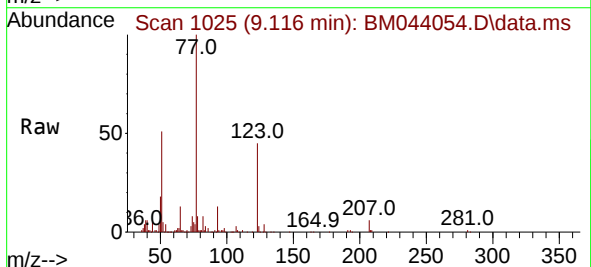
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

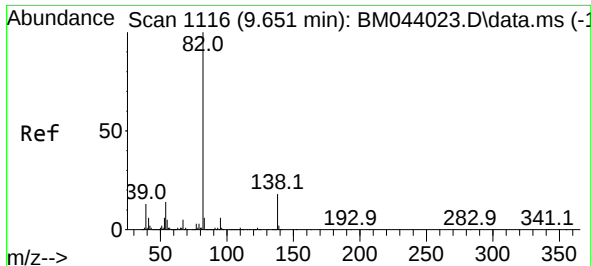
Tgt Ion: 82 Resp: 2622920
Ion Ratio Lower Upper
82 100
128 45.2 37.1 55.7
54 49.6 38.9 58.3



#24
Nitrobenzene
Concen: 3.992 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 77 Resp: 132119
Ion Ratio Lower Upper
77 100
123 44.8 37.8 56.8
65 12.9 10.5 15.7

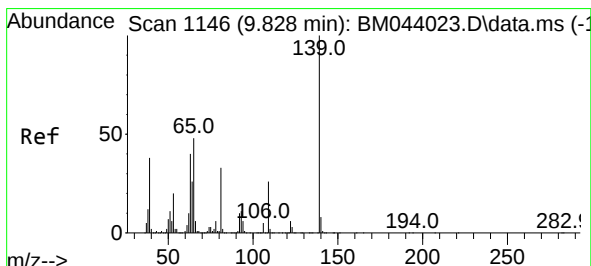
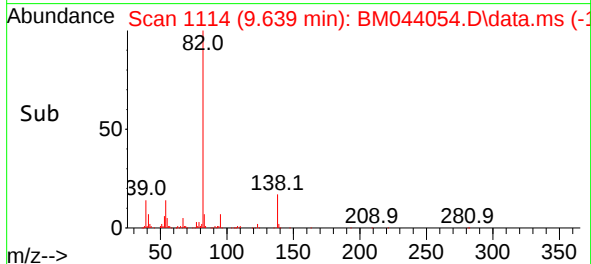
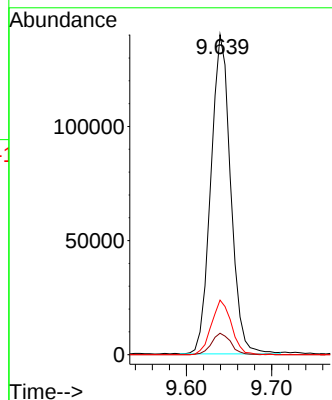
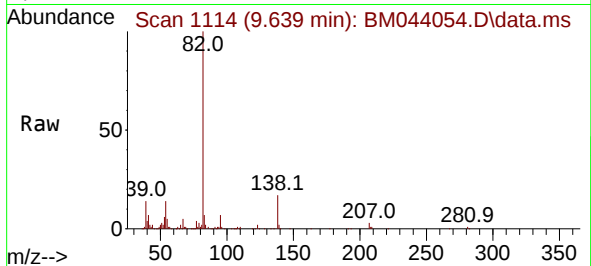




#25
Isophorone
Concen: 3.630 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

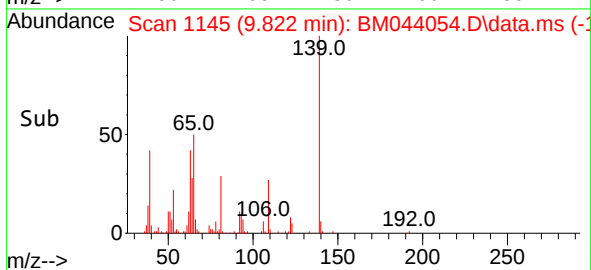
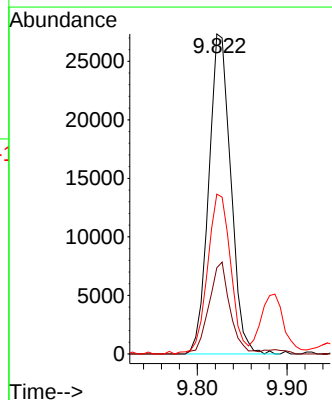
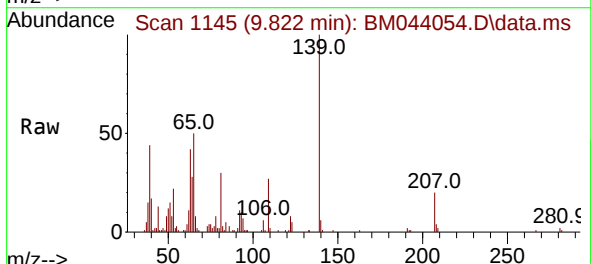
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

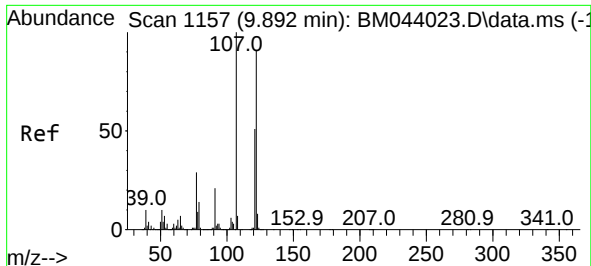
Tgt Ion: 82 Resp: 225895
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 14.3 21.5



#26
2-Nitrophenol
Concen: 3.036 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 139 Resp: 46582
Ion Ratio Lower Upper
139 100
109 26.9 21.2 31.8
65 49.9 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 4.353 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

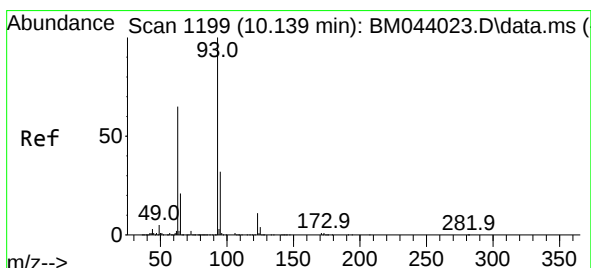
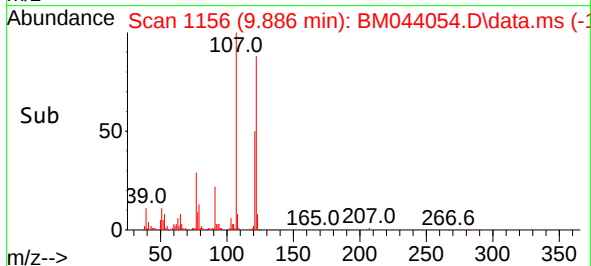
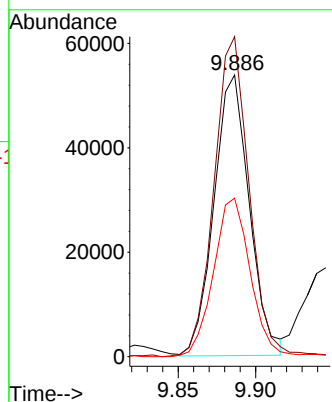
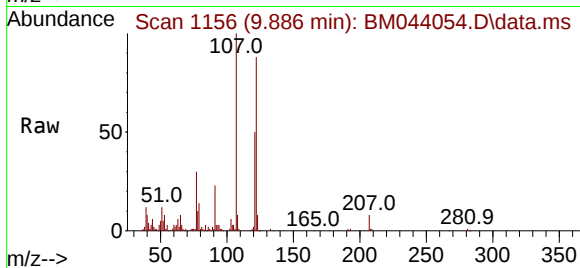
Tgt Ion:122 Resp: 85399

Ion Ratio Lower Upper

122 100

107 113.6 87.8 131.8

121 56.3 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.907 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

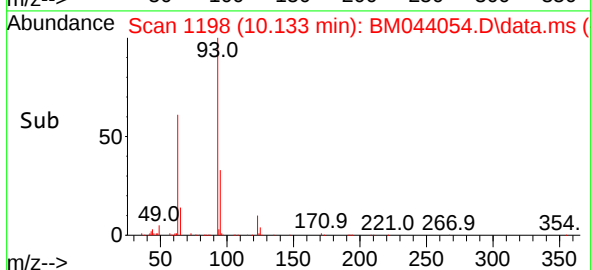
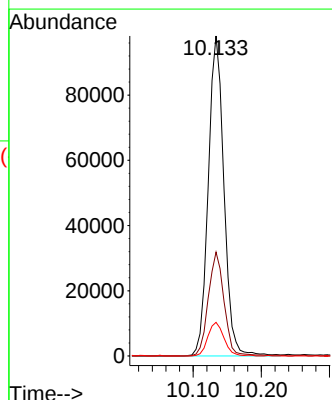
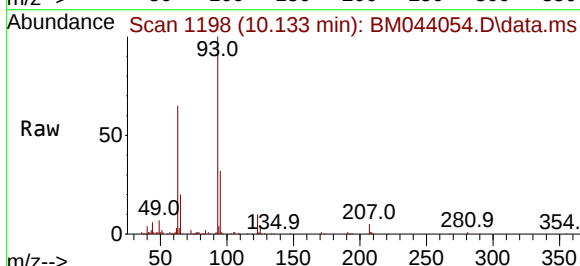
Tgt Ion: 93 Resp: 157227

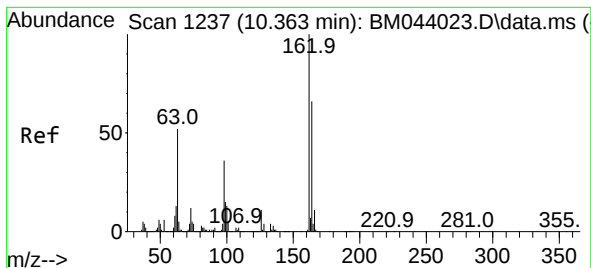
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.421 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

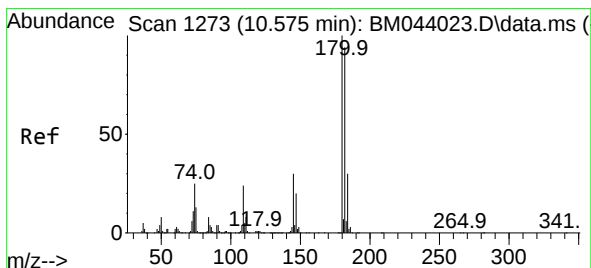
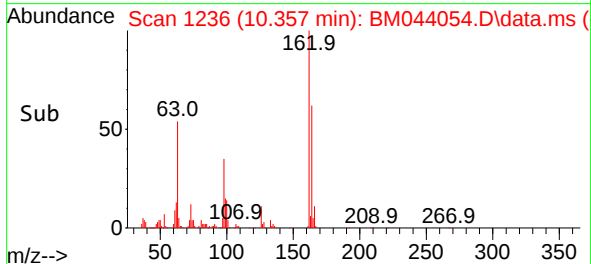
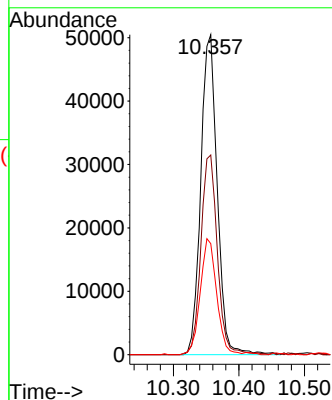
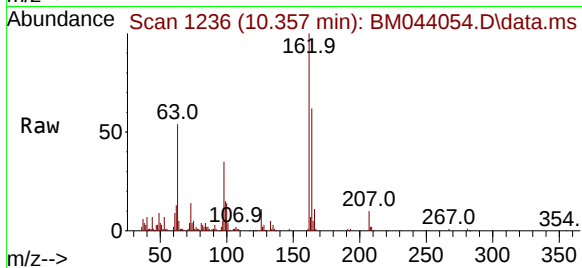
Tgt Ion:162 Resp: 88368

Ion Ratio Lower Upper

162 100

164 62.4 46.1 86.1

98 34.7 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 3.504 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

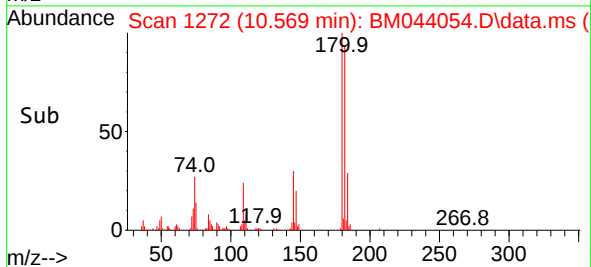
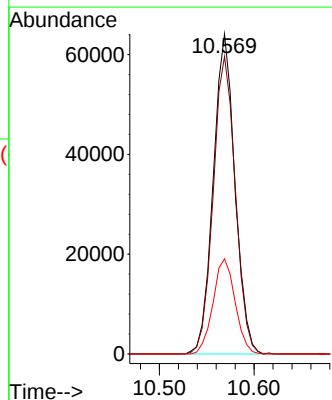
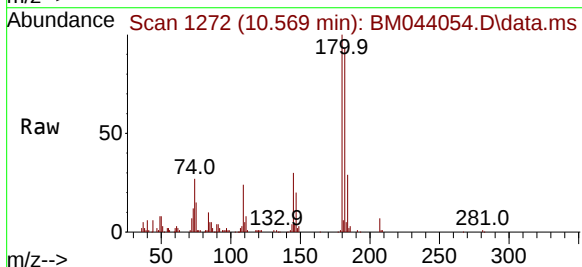
Tgt Ion:180 Resp: 101762

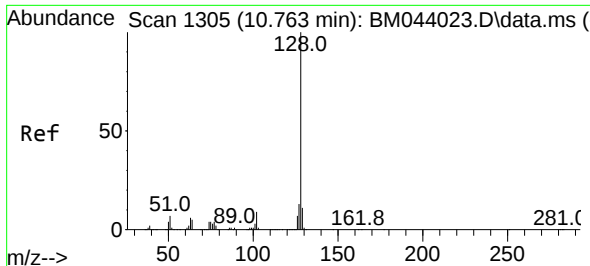
Ion Ratio Lower Upper

180 100

182 92.9 75.2 112.8

145 29.7 24.3 36.5

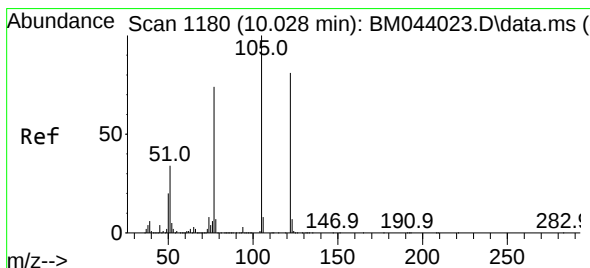
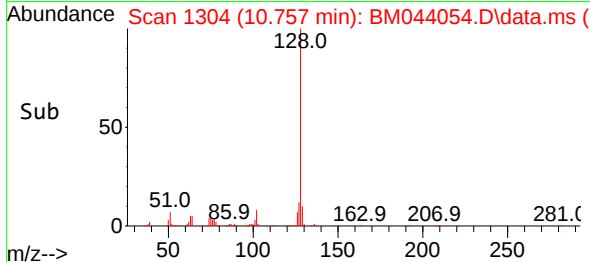
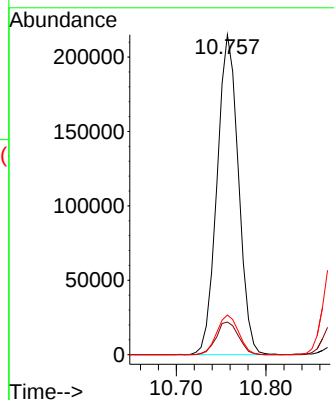
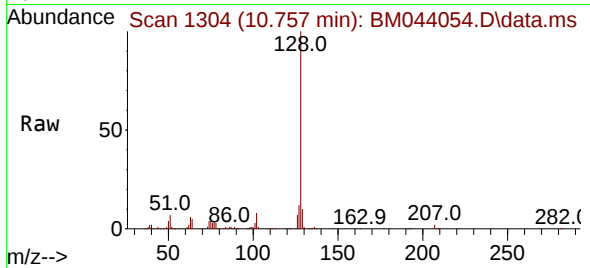




#31
Naphthalene
Concen: 3.758 ng
RT: 10.757 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

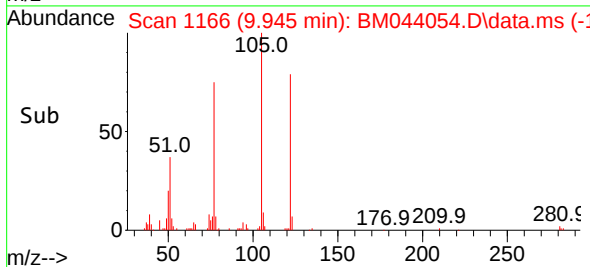
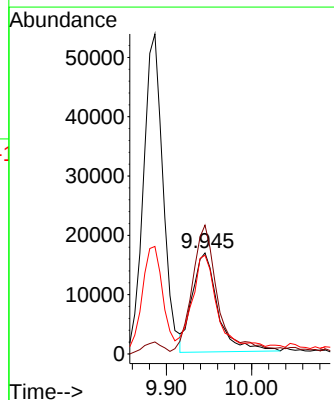
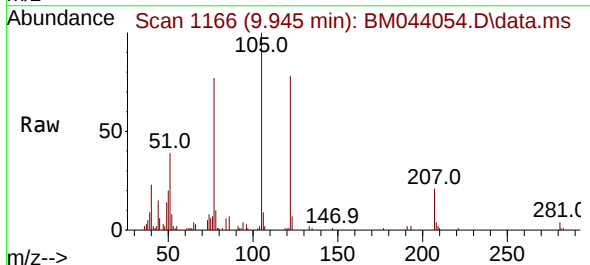
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

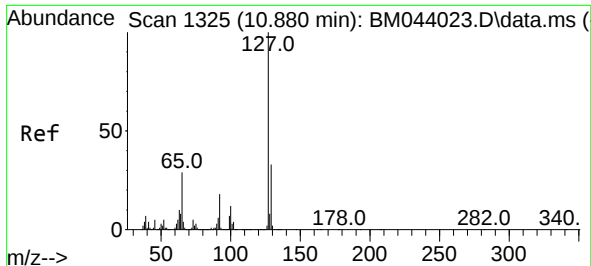
Tgt Ion:128 Resp: 355708
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 1.759 ng
RT: 9.945 min Scan# 1166
Delta R.T. -0.083 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:122 Resp: 34754
Ion Ratio Lower Upper
122 100
105 127.4 100.1 140.1
77 97.7 69.6 109.6

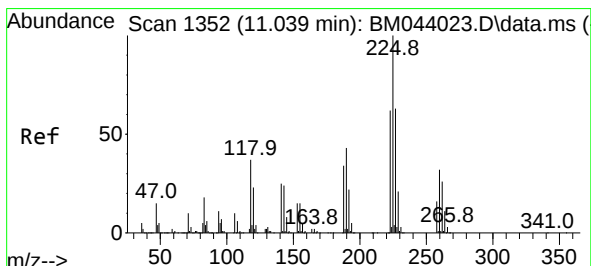
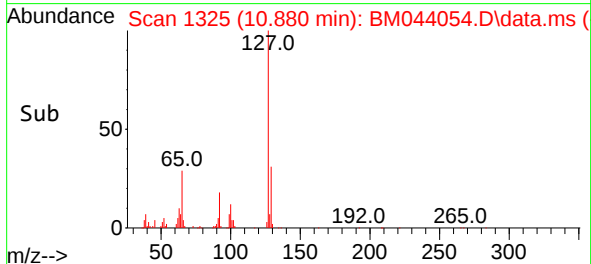
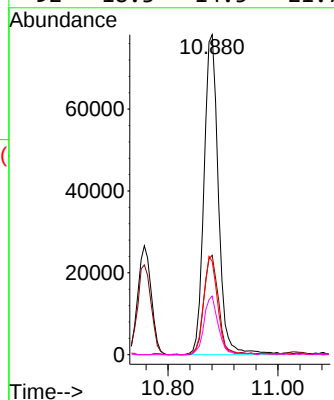
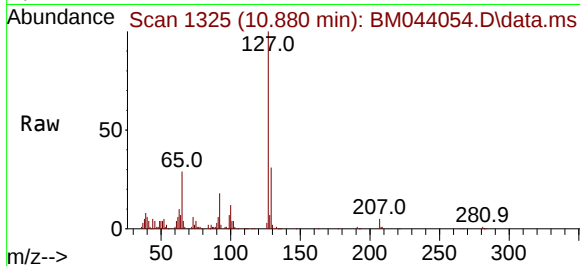




#33
4-Chloroaniline
Concen: 3.974 ng
RT: 10.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

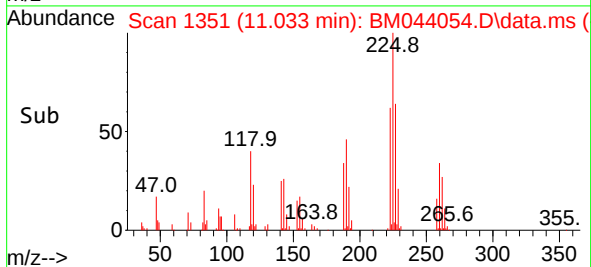
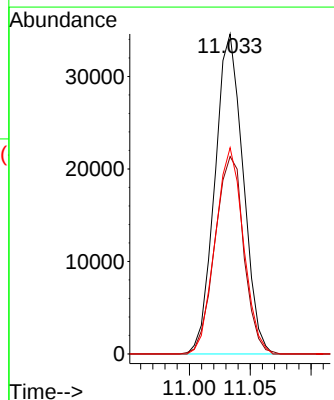
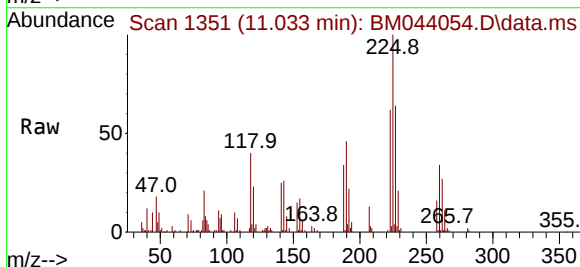
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:	127	Resp:	142410
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.0	39.0
65	29.1	23.0	34.6
92	18.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 3.353 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:	225	Resp:	55752
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.9	74.9
227	64.4	50.6	76.0

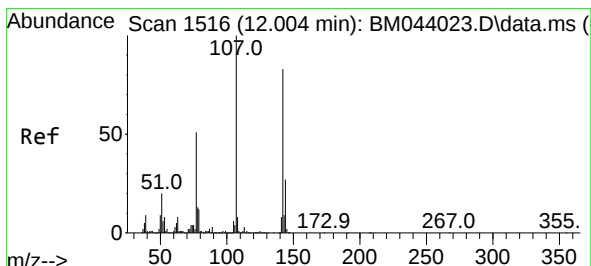
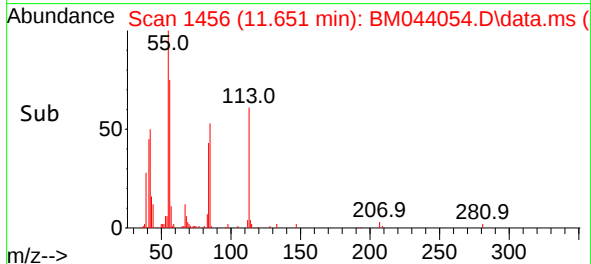
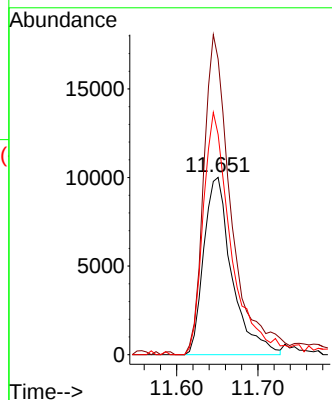
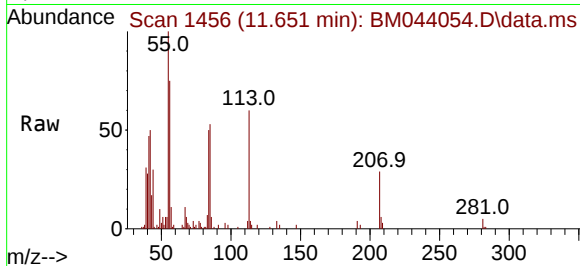




#35
Caprolactam
Concen: 2.900 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

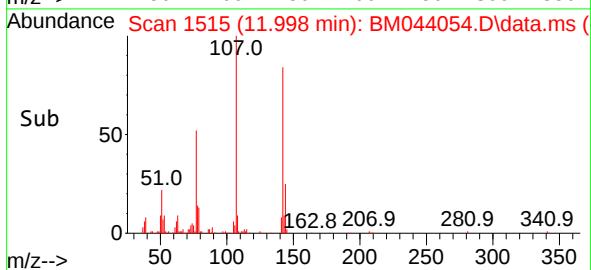
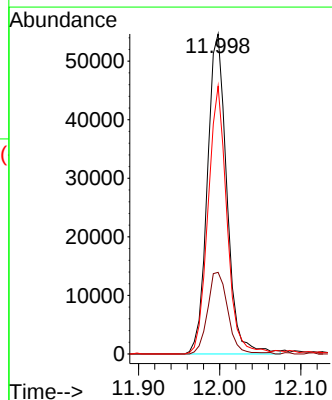
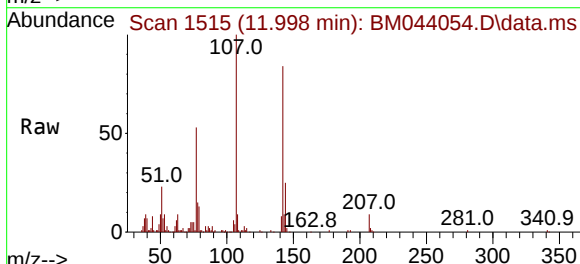
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

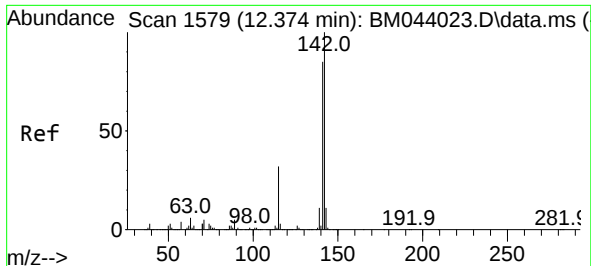
Tgt Ion:113 Resp: 24108
Ion Ratio Lower Upper
113 100
55 166.6 145.6 185.6
56 124.2 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 3.259 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:107 Resp: 91151
Ion Ratio Lower Upper
107 100
144 25.5 21.3 31.9
142 83.7 66.2 99.4

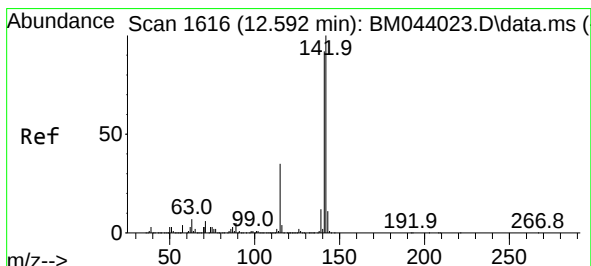
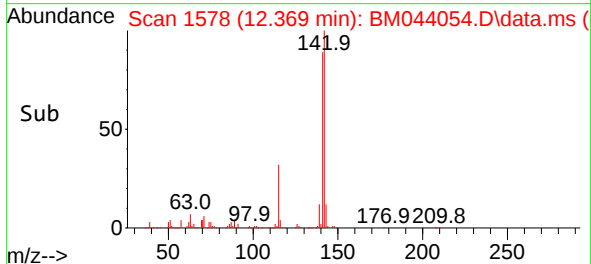
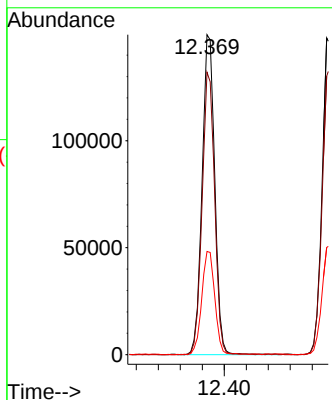
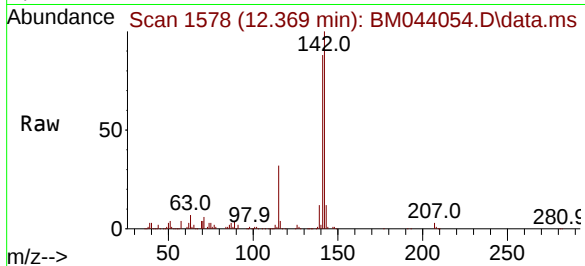




#37
2-Methylnaphthalene
Concen: 3.791 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

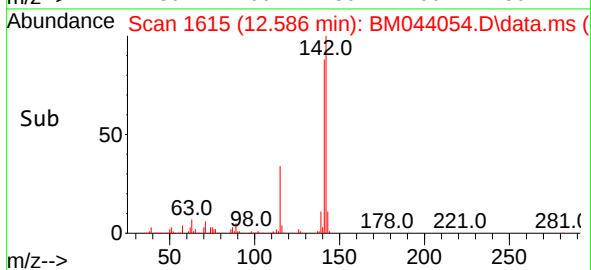
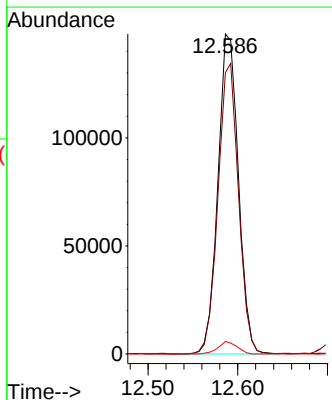
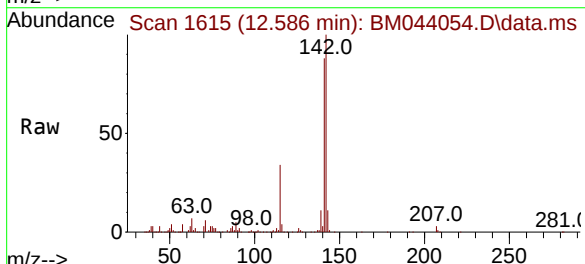
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

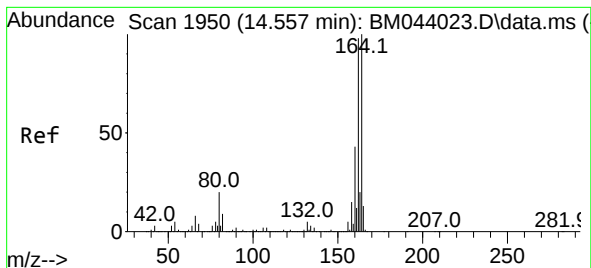
Tgt Ion:142 Resp: 239029
Ion Ratio Lower Upper
142 100
141 88.3 68.3 102.5
115 32.3 25.7 38.5



#38
1-Methylnaphthalene
Concen: 3.788 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:142 Resp: 234667
Ion Ratio Lower Upper
142 100
141 87.9 73.4 110.0
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

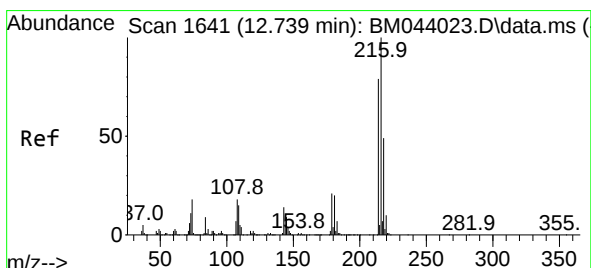
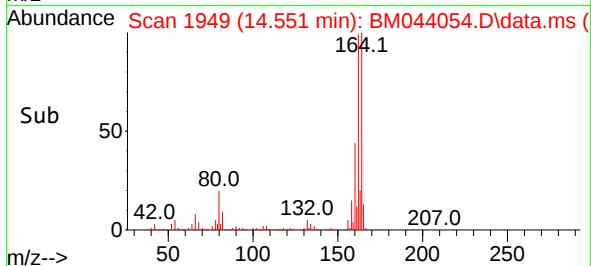
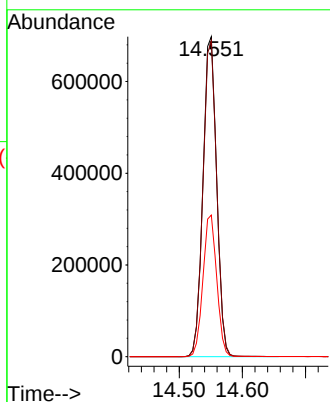
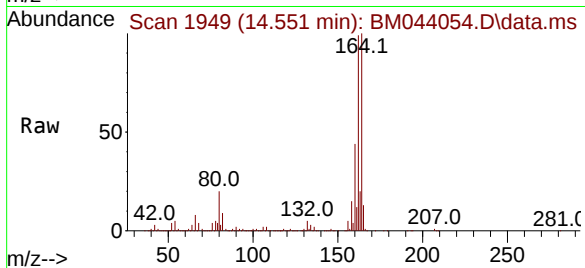
Tgt Ion:164 Resp: 1046271

Ion Ratio Lower Upper

164 100

162 98.8 78.4 117.6

160 44.3 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.754 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:216 Resp: 114154

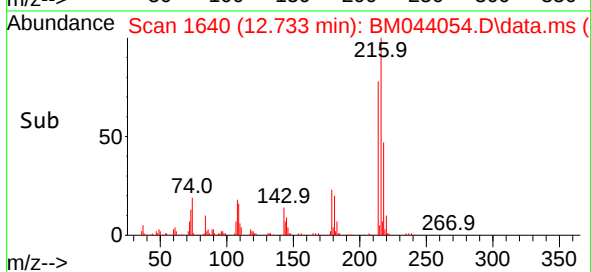
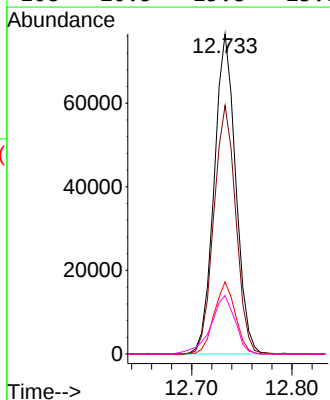
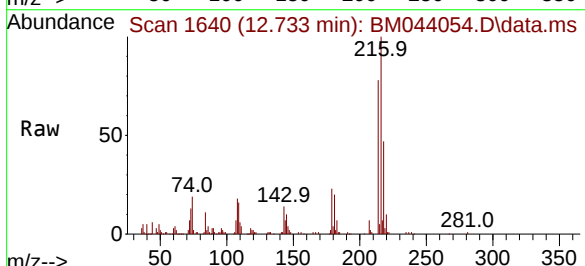
Ion Ratio Lower Upper

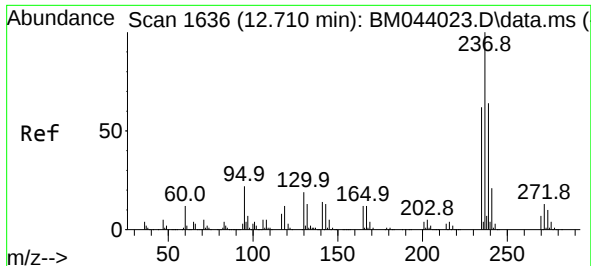
216 100

214 79.1 63.1 94.7

179 22.1 17.0 25.6

108 20.5 15.8 23.8

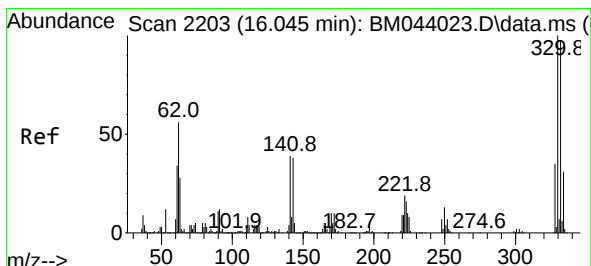
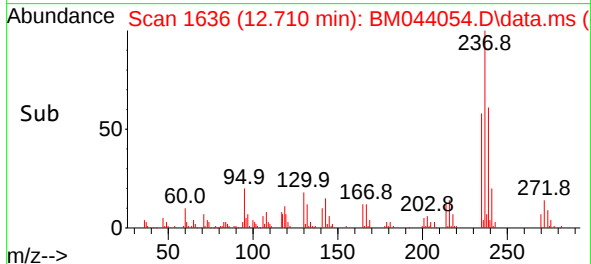
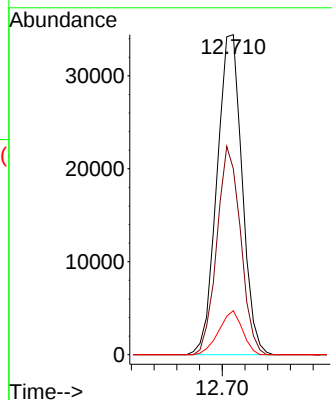
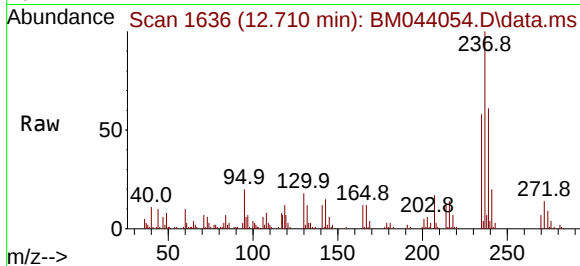




#41
Hexachlorocyclopentadiene
Concen: 3.993 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

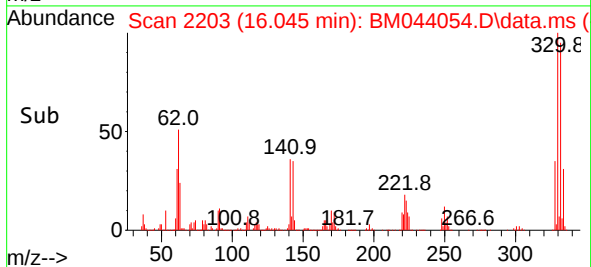
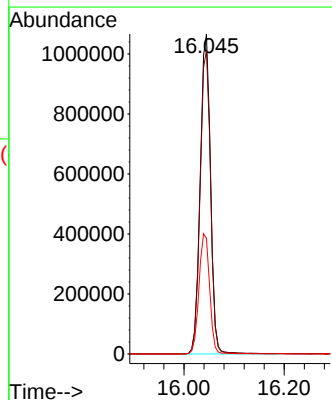
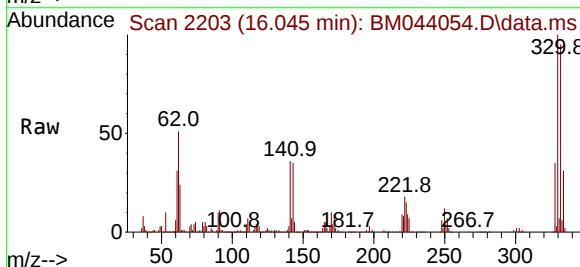
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

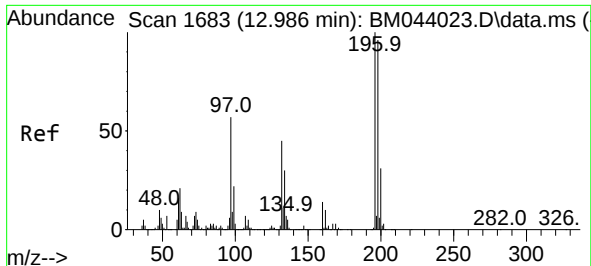
Tgt Ion:237 Resp: 52998
Ion Ratio Lower Upper
237 100
235 58.1 42.4 82.4
272 13.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 134.646 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:330 Resp: 1525299
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 38.9 31.0 46.4

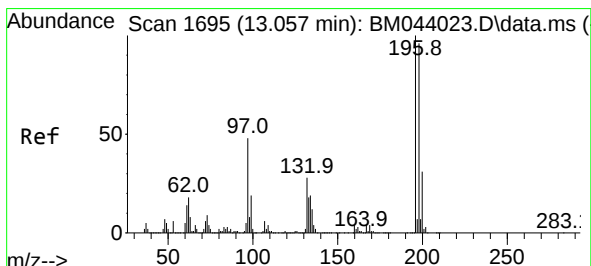
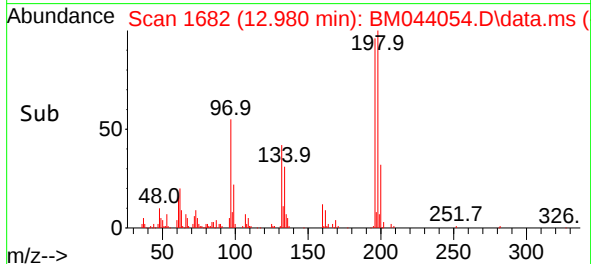
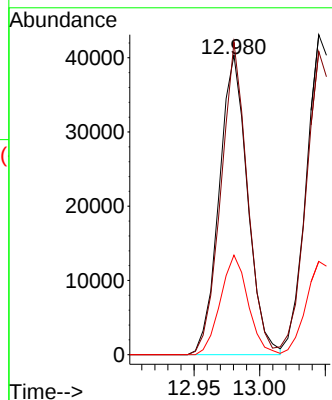
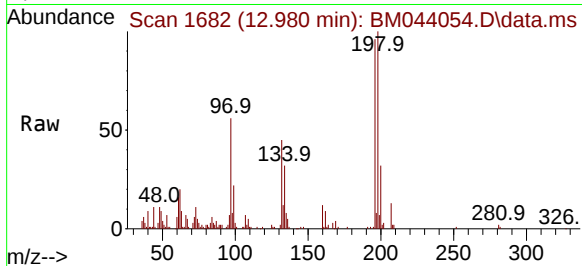




#43
2,4,6-Trichlorophenol
Concen: 2.940 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

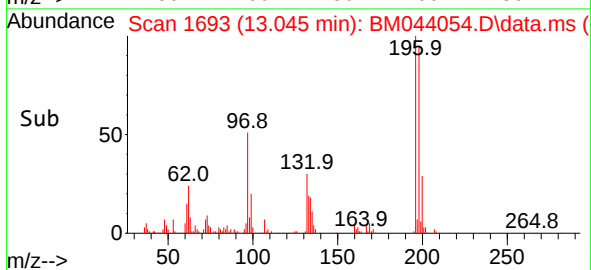
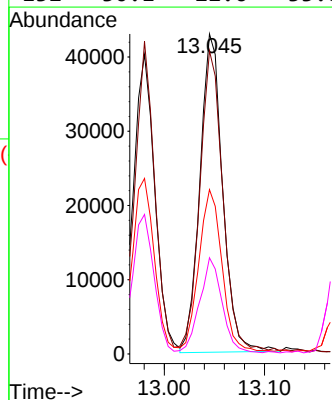
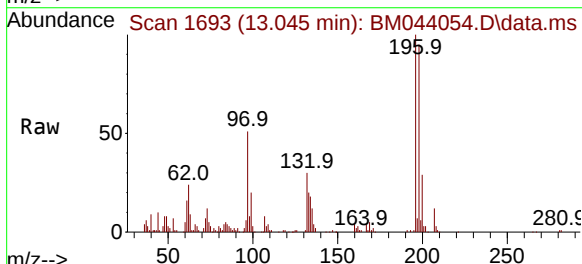
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

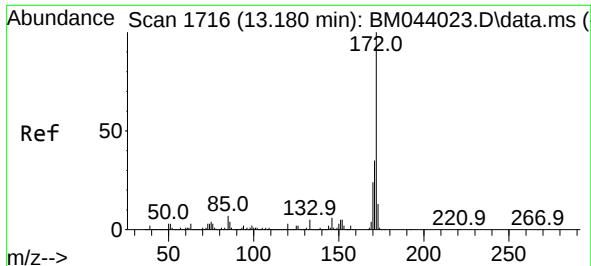
Tgt Ion:196 Resp: 60852
Ion Ratio Lower Upper
196 100
198 104.3 76.8 115.2
200 33.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 2.992 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:196 Resp: 67945
Ion Ratio Lower Upper
196 100
198 94.7 76.9 115.3
97 51.4 39.0 58.4
132 30.1 22.6 33.8

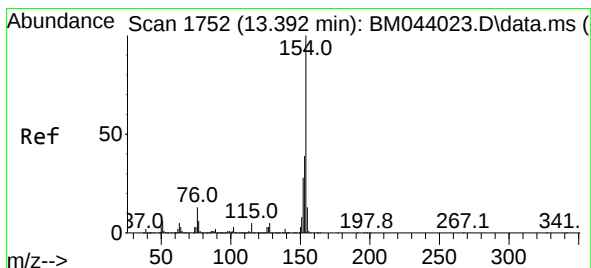
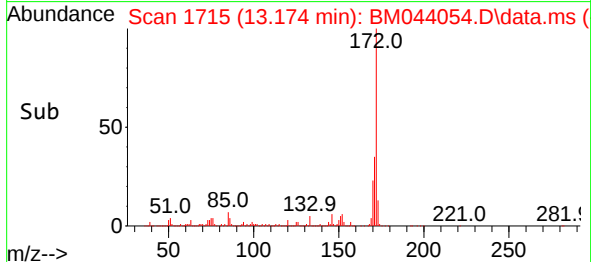
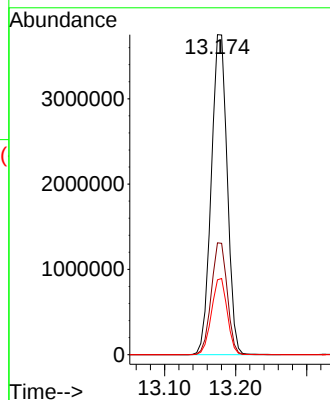
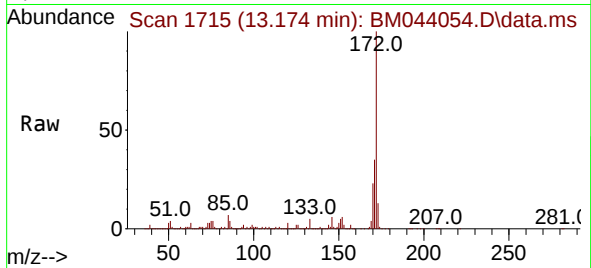




#45
2-Fluorobiphenyl
Concen: 78.948 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

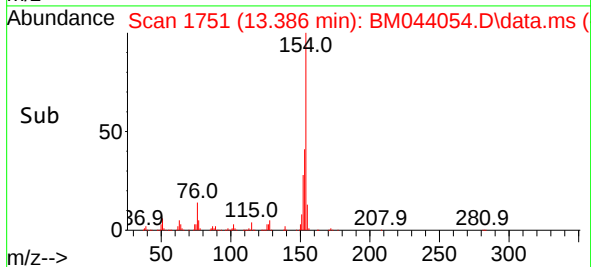
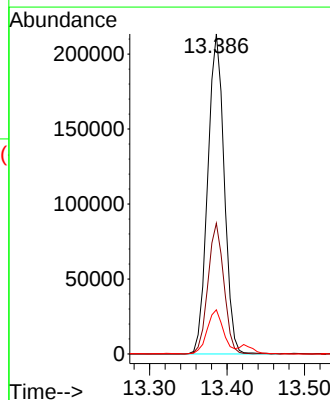
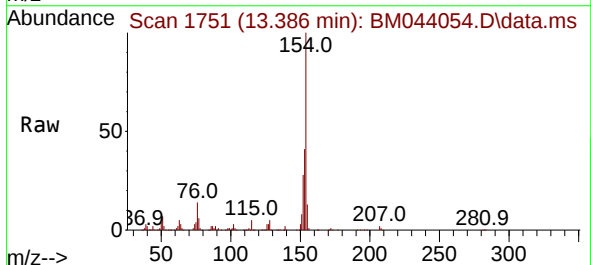
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

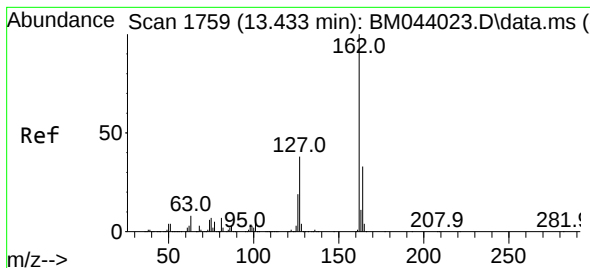
Tgt Ion:172 Resp: 5852748
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 3.814 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:154 Resp: 314896
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 13.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 3.624 ng

RT: 13.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

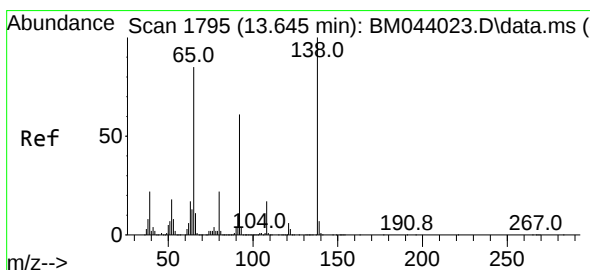
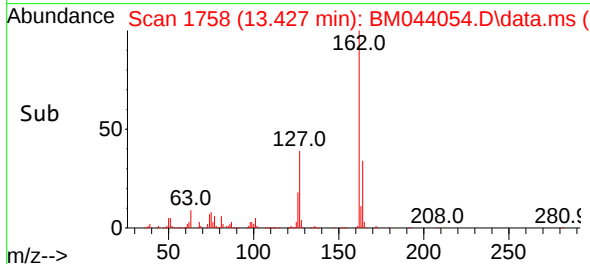
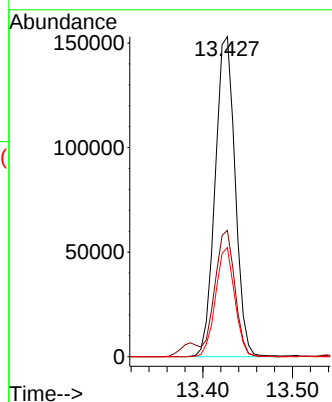
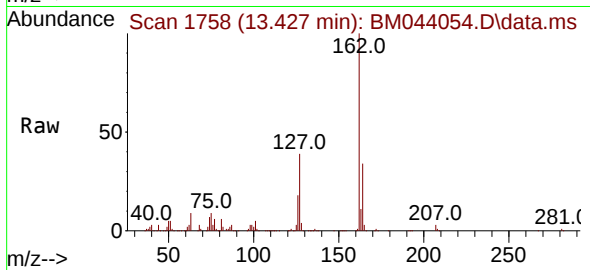
Tgt Ion:162 Resp: 237029

Ion Ratio Lower Upper

162 100

127 39.5 30.9 46.3

164 34.1 26.4 39.6



#48

2-Nitroaniline

Concen: 3.082 ng

RT: 13.639 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

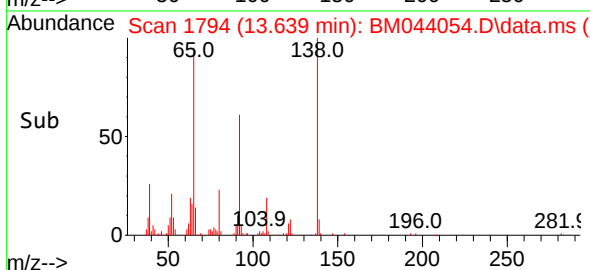
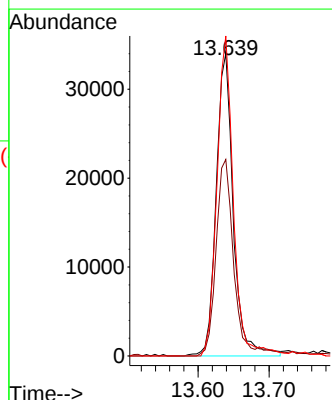
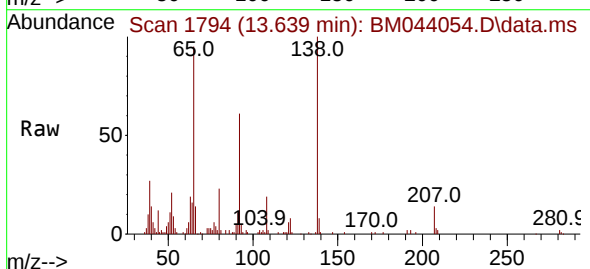
Tgt Ion: 65 Resp: 56707

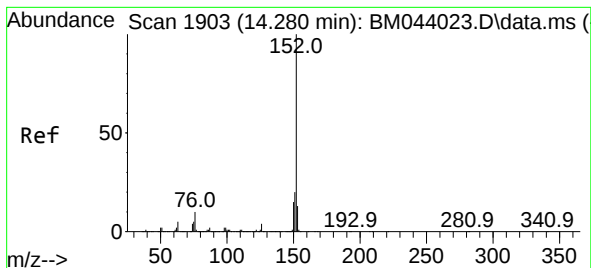
Ion Ratio Lower Upper

65 100

92 64.9 58.1 87.1

138 105.8 94.6 142.0





#49

Acenaphthylene

Concen: 3.836 ng

RT: 14.268 min Scan# 1901

Delta R.T. -0.012 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

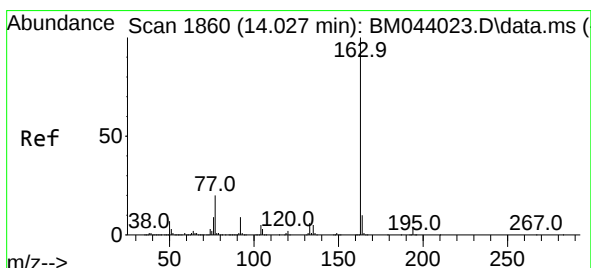
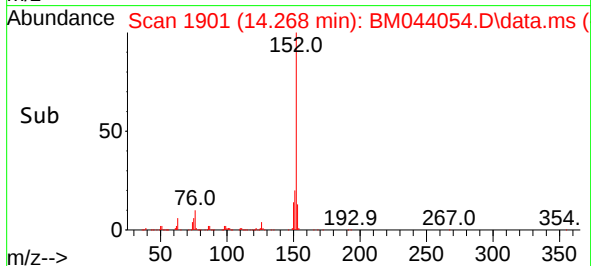
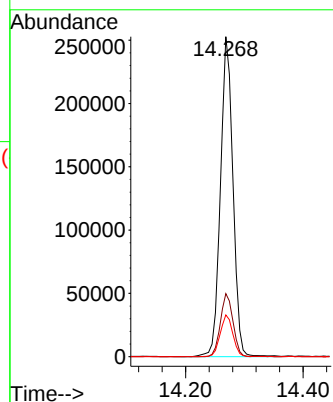
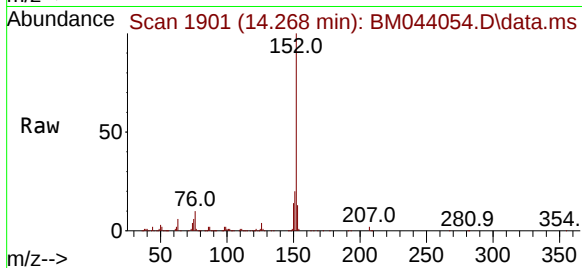
Tgt Ion:152 Resp: 374233

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 3.594 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.012 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

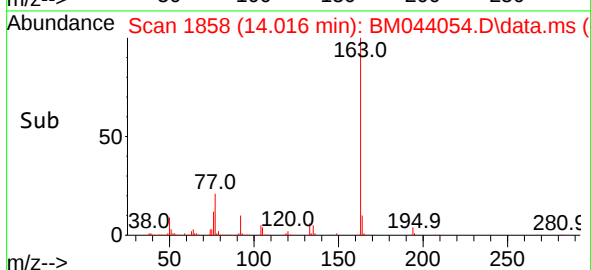
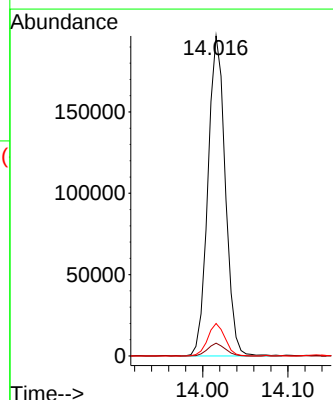
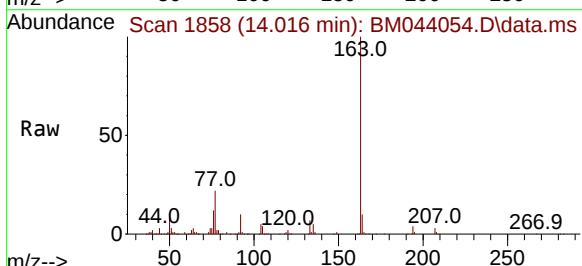
Tgt Ion:163 Resp: 278777

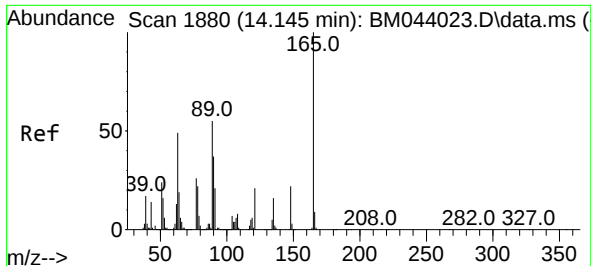
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 3.040 ng

RT: 14.139 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

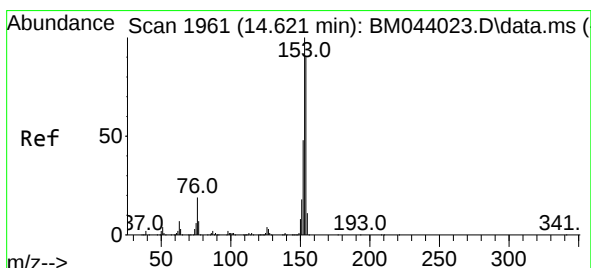
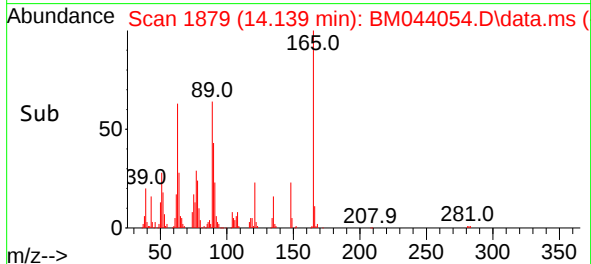
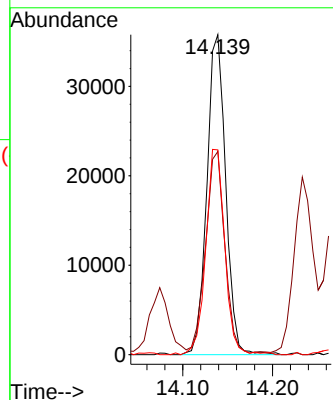
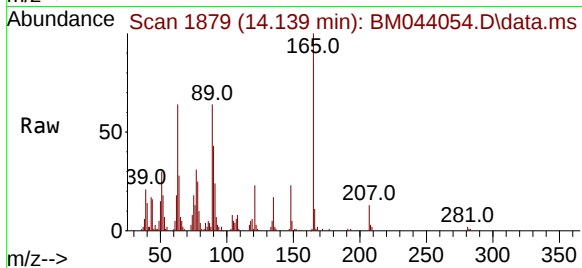
Tgt Ion:165 Resp: 52028

Ion Ratio Lower Upper

165 100

63 63.5 43.5 65.3

89 64.0 44.4 66.6



#52

Acenaphthene

Concen: 3.678 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

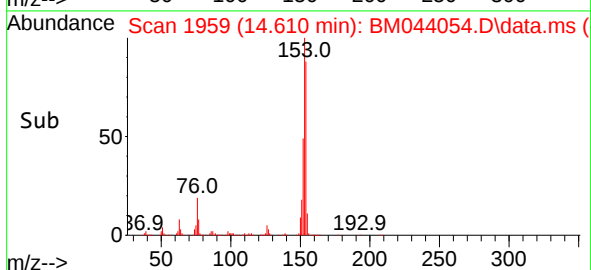
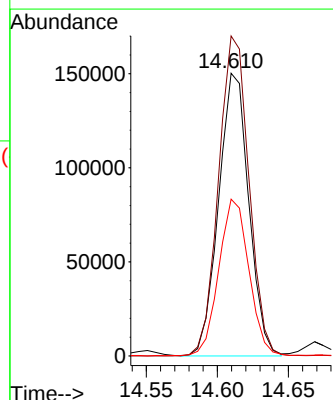
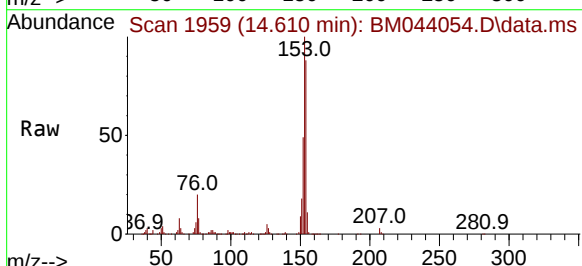
Tgt Ion:154 Resp: 222064

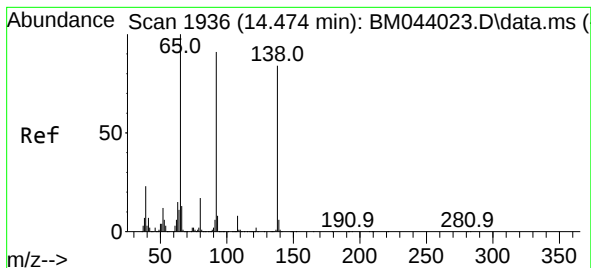
Ion Ratio Lower Upper

154 100

153 113.2 89.3 133.9

152 55.4 43.0 64.6





#53

3-Nitroaniline

Concen: 2.875 ng

RT: 14.468 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

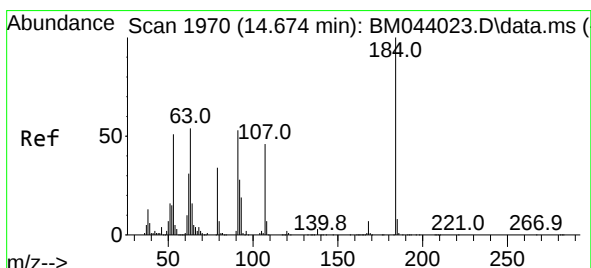
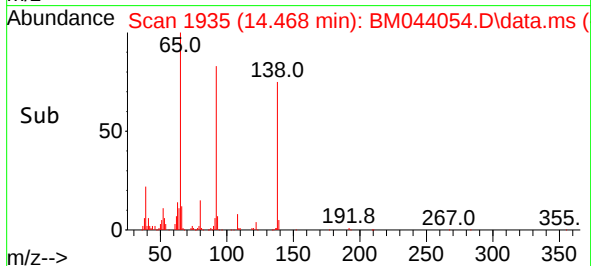
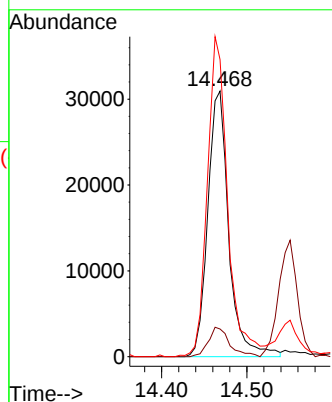
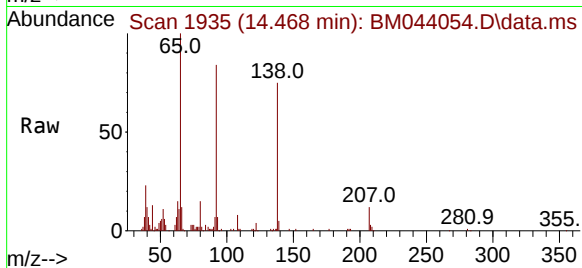
Tgt Ion:138 Resp: 52877

Ion Ratio Lower Upper

138 100

108 10.4 7.6 11.4

92 111.9 86.5 129.7



#54

2,4-Dinitrophenol

Concen: 7.057 ng

RT: 14.668 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

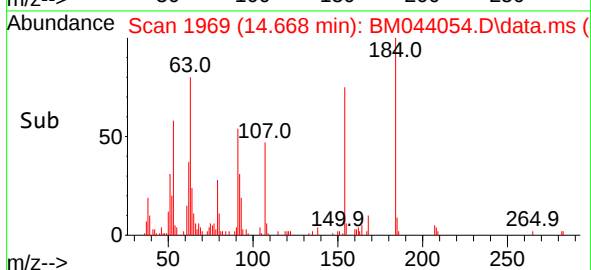
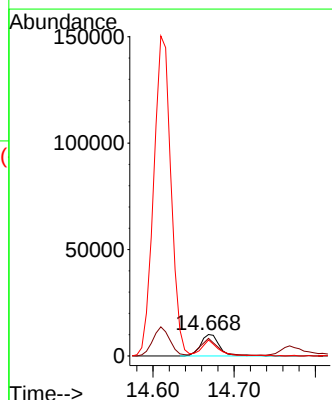
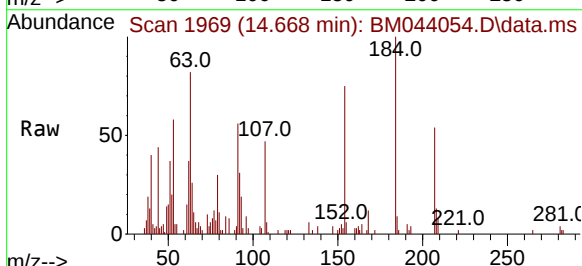
Tgt Ion:184 Resp: 16231

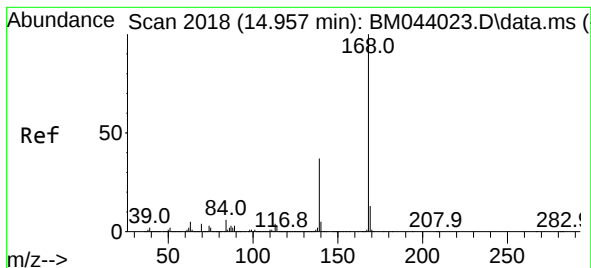
Ion Ratio Lower Upper

184 100

63 81.8 55.4 83.2

154 74.8 49.2 73.8#





#55

Dibenzofuran

Concen: 3.879 ng

RT: 14.951 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

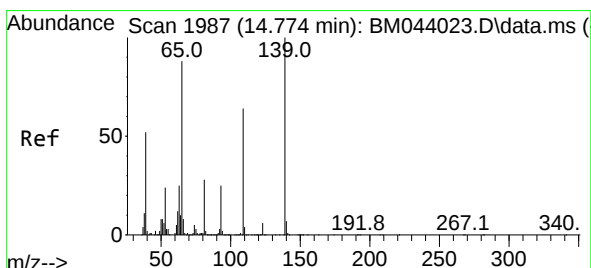
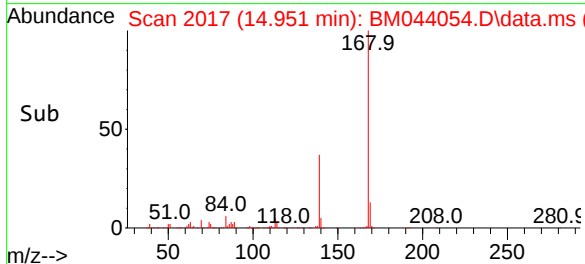
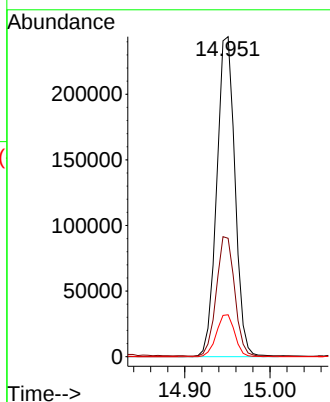
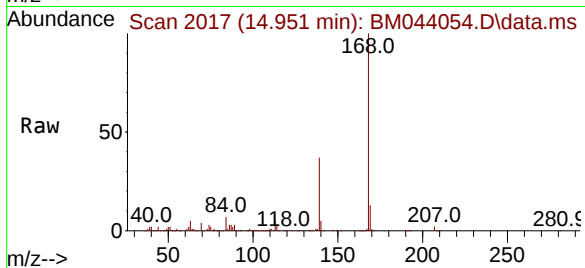
Tgt Ion:168 Resp: 362575

Ion Ratio Lower Upper

168 100

139 37.0 29.6 44.4

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 2.310 ng

RT: 14.768 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

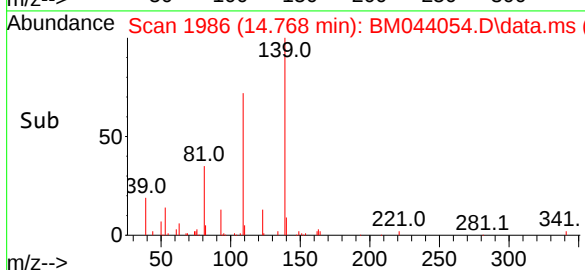
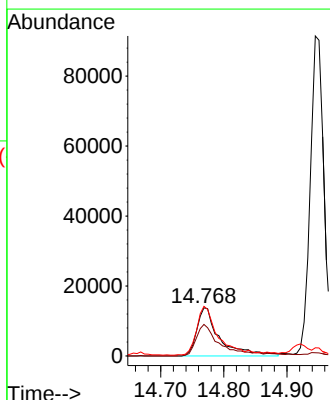
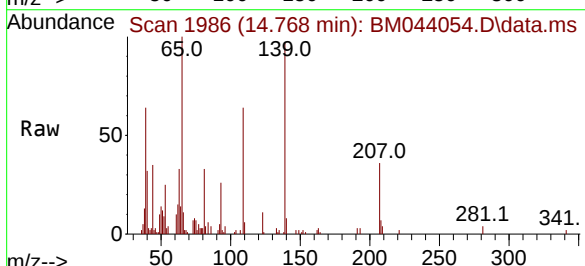
Tgt Ion:139 Resp: 34547

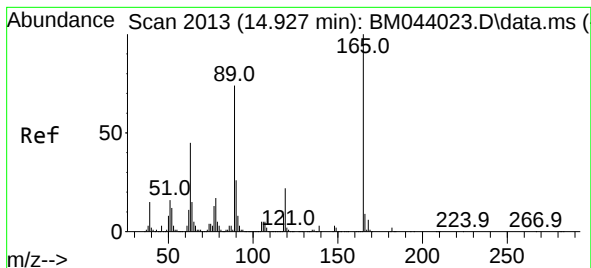
Ion Ratio Lower Upper

139 100

109 65.5 43.8 83.8

65 103.1 67.7 107.7





#57

2,4-Dinitrotoluene

Concen: 2.671 ng

RT: 14.921 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BM044054.D

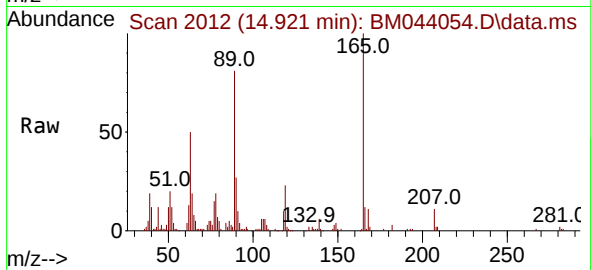
Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:165 Resp: 59741

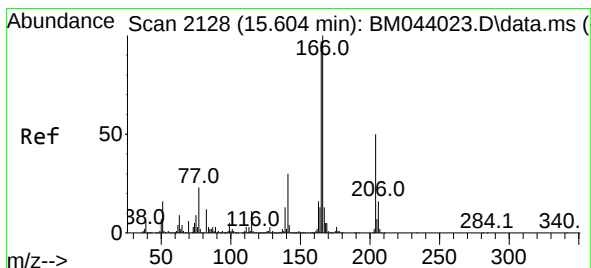
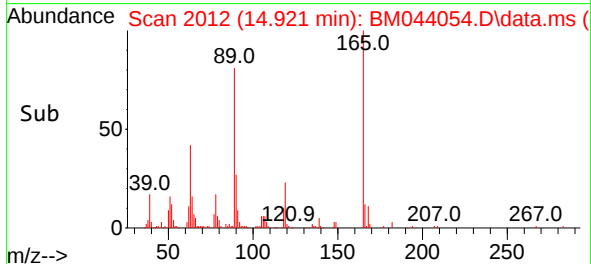
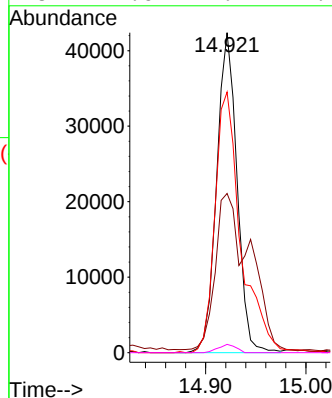
Ion Ratio Lower Upper

165 100

63 49.7 35.9 53.9

89 81.4 58.9 88.3

182 2.6 1.9 2.9



#58

Fluorene

Concen: 3.847 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

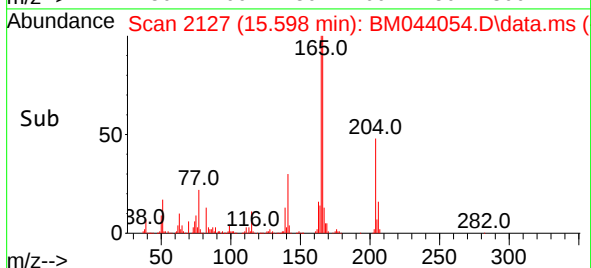
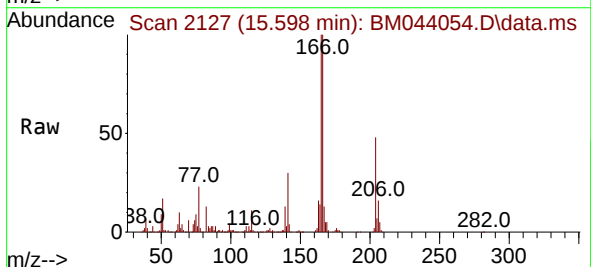
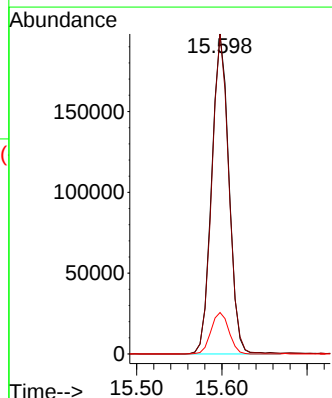
Tgt Ion:166 Resp: 277836

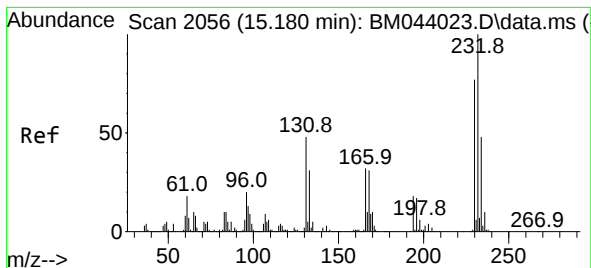
Ion Ratio Lower Upper

166 100

165 99.9 77.7 116.5

167 13.0 10.7 16.1

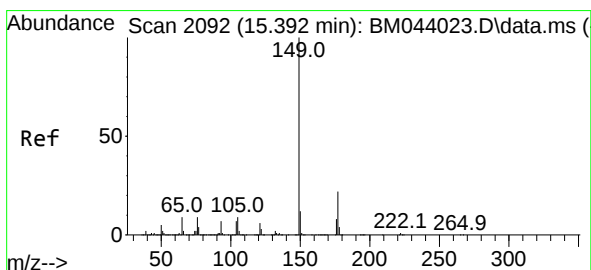
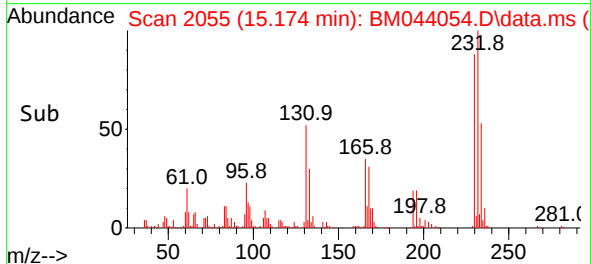
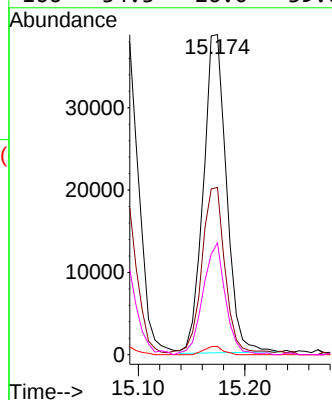
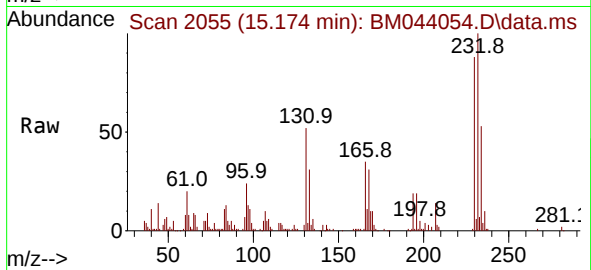




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.271 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

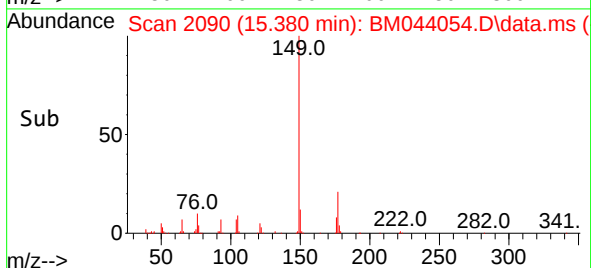
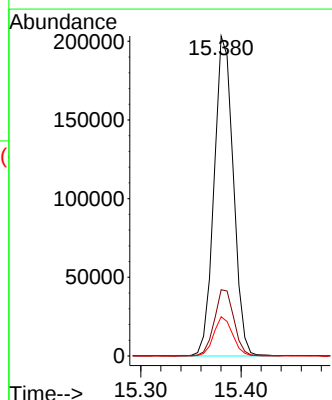
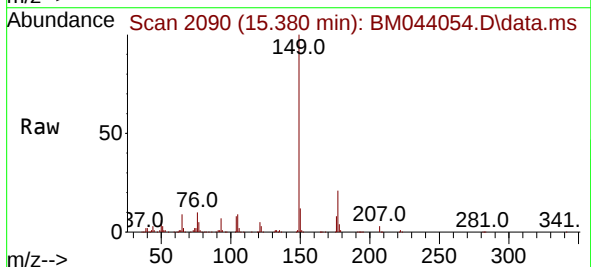
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

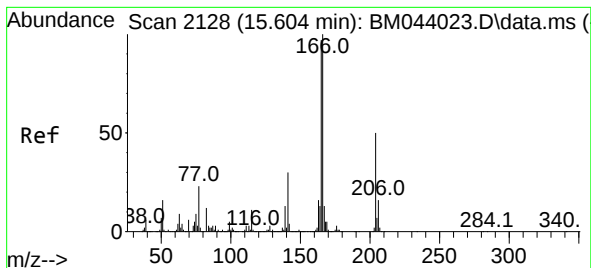
Tgt Ion:	232	Resp:	58304
Ion Ratio	Lower	Upper	
232	100		
131	54.6	39.5	59.3
130	2.2	2.0	3.0
166	34.3	26.0	39.0



#60
Diethylphthalate
Concen: 3.375 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:	149	Resp:	270592
Ion Ratio	Lower	Upper	
149	100		
177	20.7	17.5	26.3
150	12.2	9.8	14.6

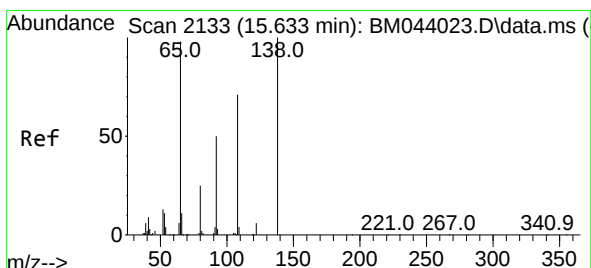
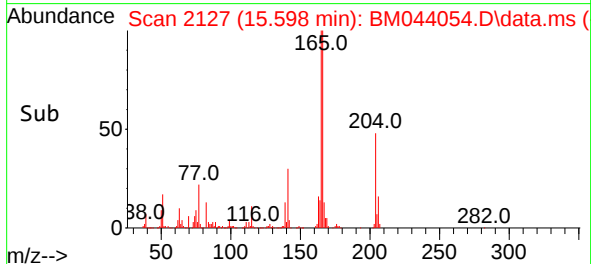
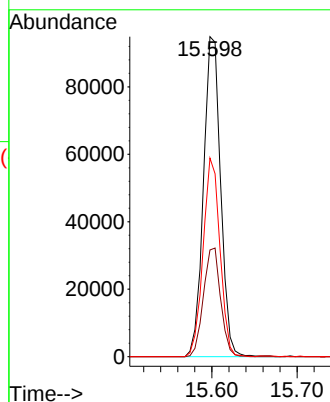
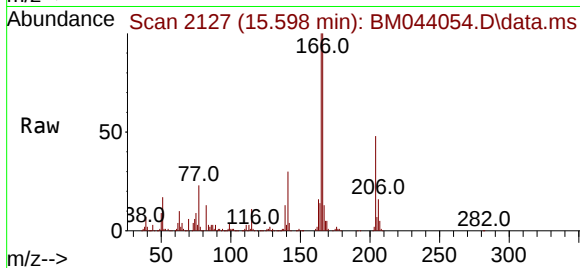




#61
4-Chlorophenyl-phenylether
Concen: 3.787 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

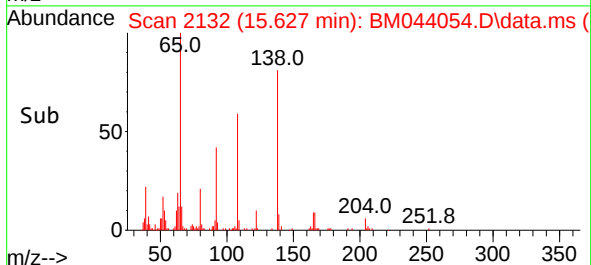
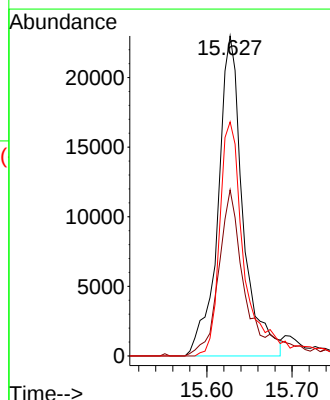
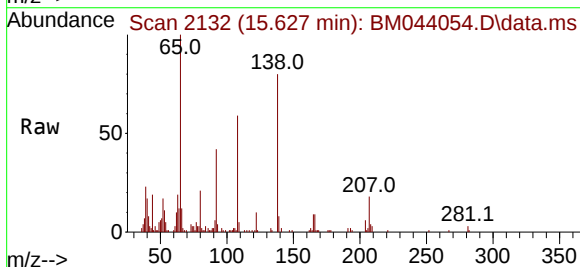
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

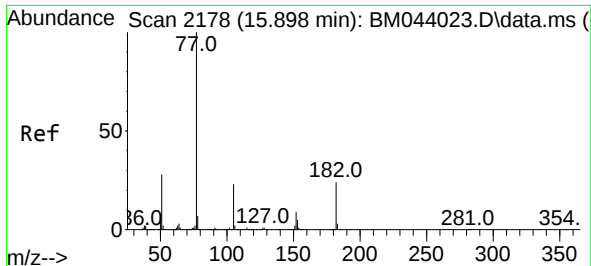
Tgt Ion:204 Resp: 132525
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 62.1 47.7 71.5



#62
4-Nitroaniline
Concen: 2.524 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:138 Resp: 46738
Ion Ratio Lower Upper
138 100
92 51.9 29.6 69.6
108 73.2 47.8 87.8

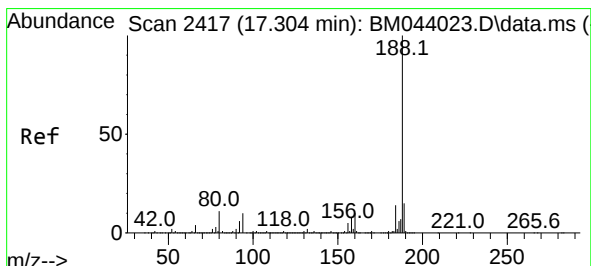
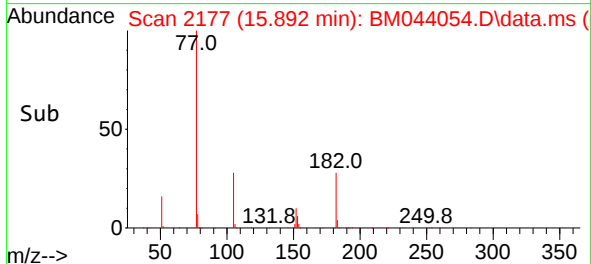
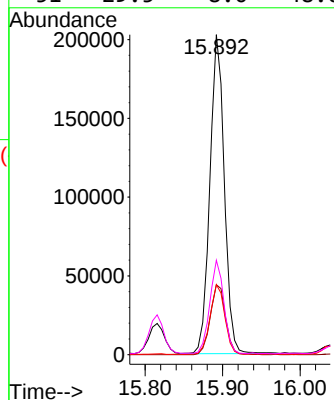
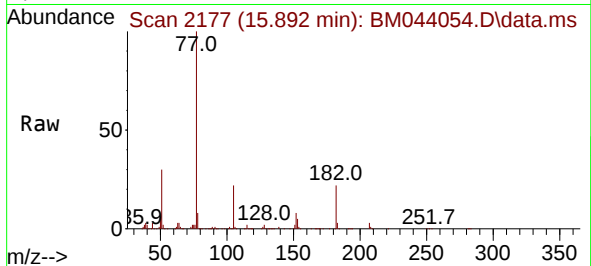




#63
Azobenzene
Concen: 3.478 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

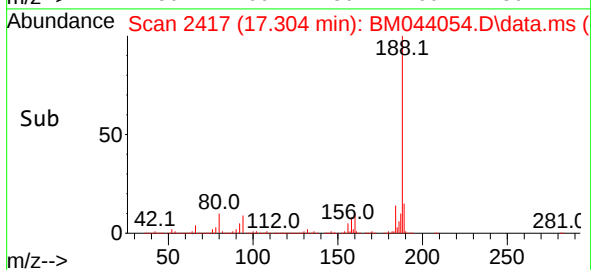
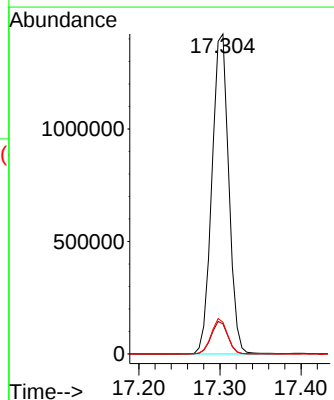
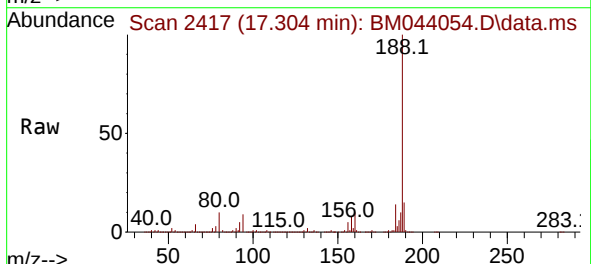
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

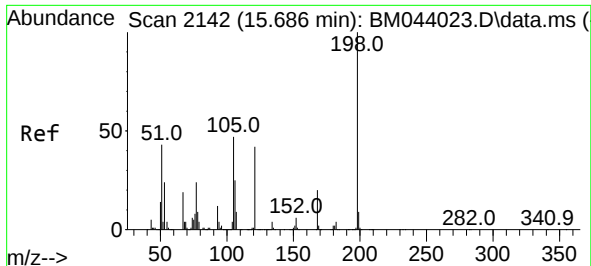
Tgt Ion: 77 Resp: 261626
Ion Ratio Lower Upper
77 100
182 21.8 4.0 44.0
105 21.9 3.3 43.3
51 29.5 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 188 Resp: 2046600
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.0 8.8 13.2

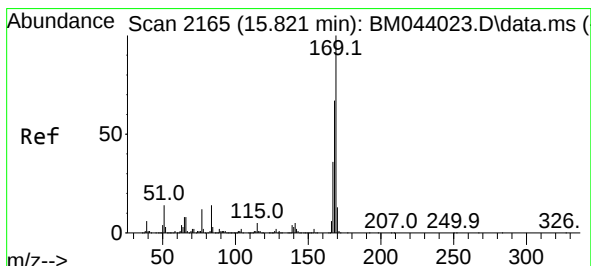
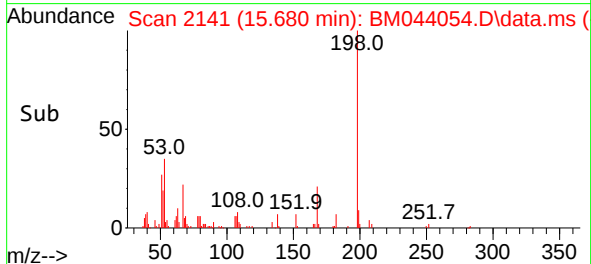
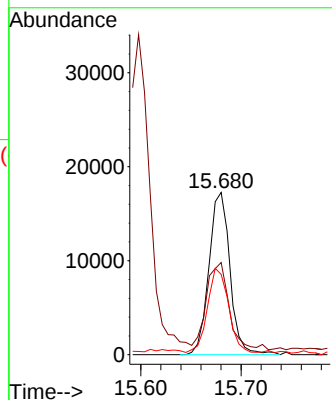
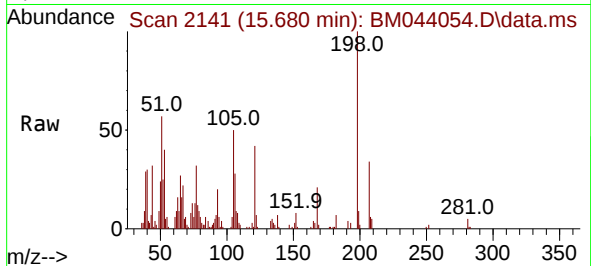




#65
4,6-Dinitro-2-methylphenol
Concen: 2.067 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

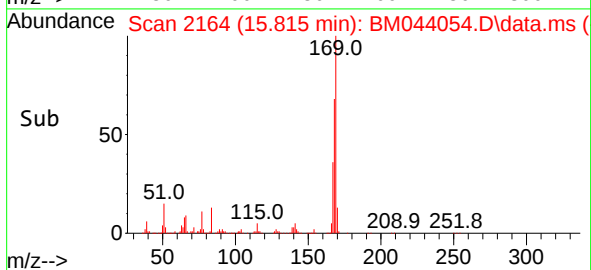
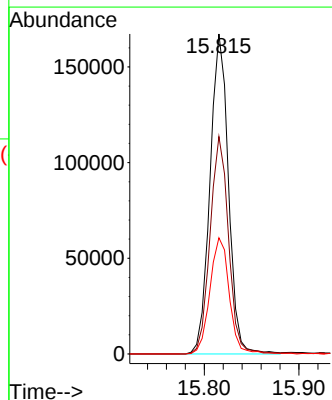
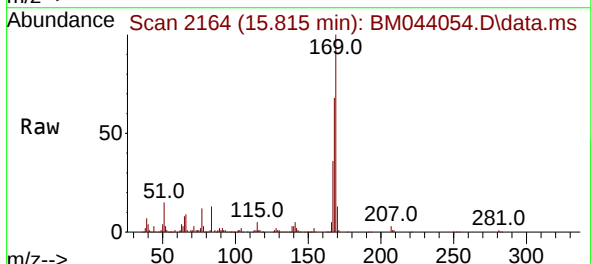
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

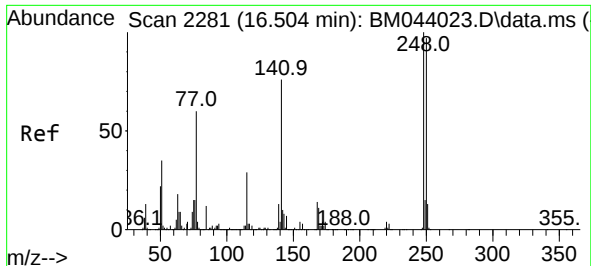
Tgt Ion:198 Resp: 25207
Ion Ratio Lower Upper
198 100
51 56.8 29.9 69.9
105 49.5 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 3.626 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:169 Resp: 225477
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.8
167 36.3 29.2 43.8

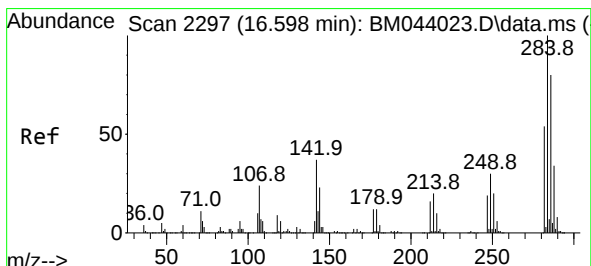
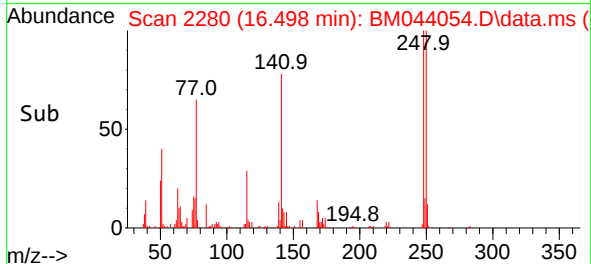
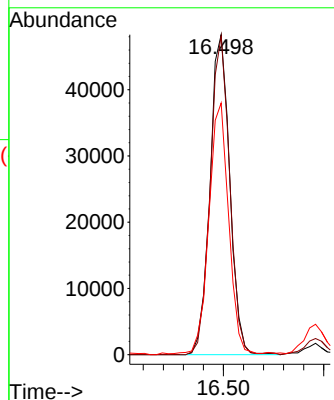
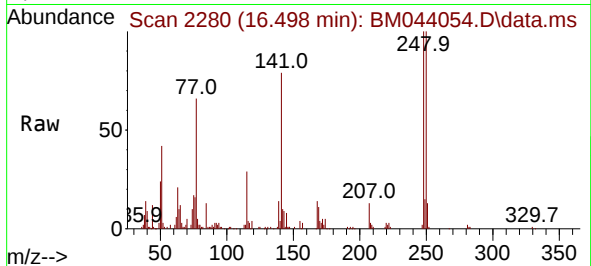




#67
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

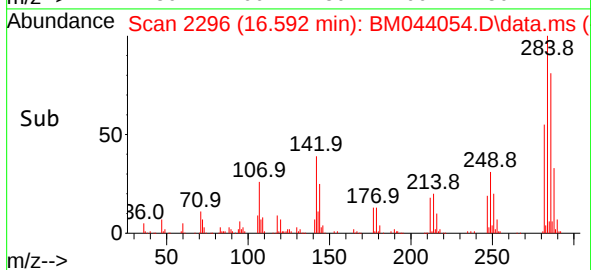
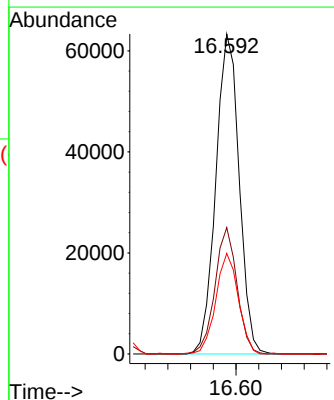
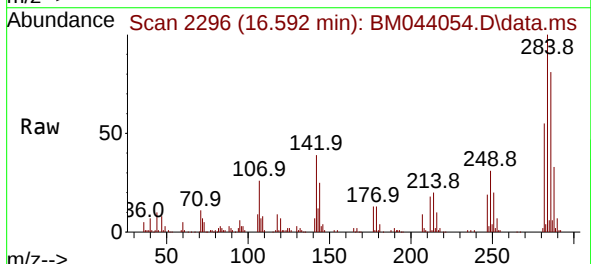
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

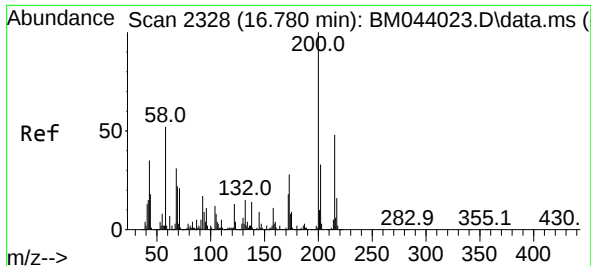
Tgt Ion:248 Resp: 65971
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 78.7 61.0 91.6



#68
Hexachlorobenzene
Concen: 3.646 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:284 Resp: 90363
Ion Ratio Lower Upper
284 100
142 39.5 30.0 45.0
249 31.4 24.1 36.1

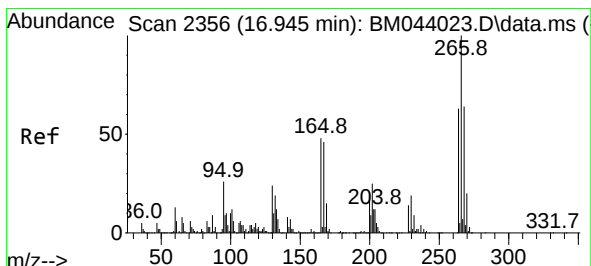
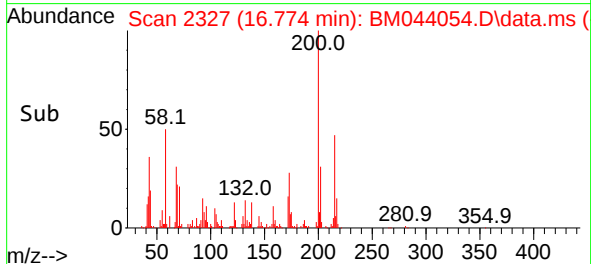
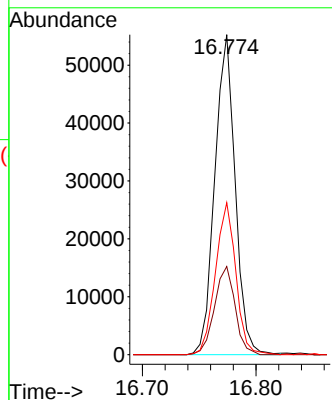
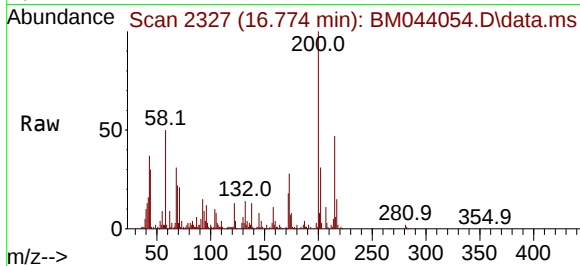




#69
 Atrazine
 Concen: 4.092 ng
 RT: 16.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

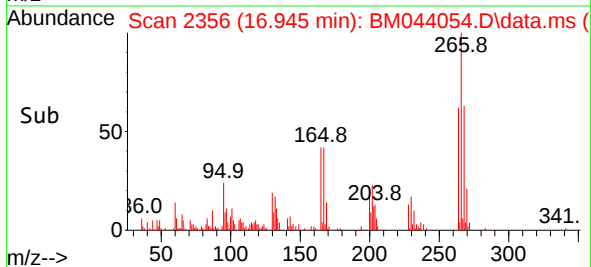
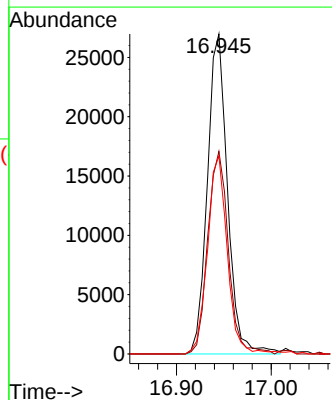
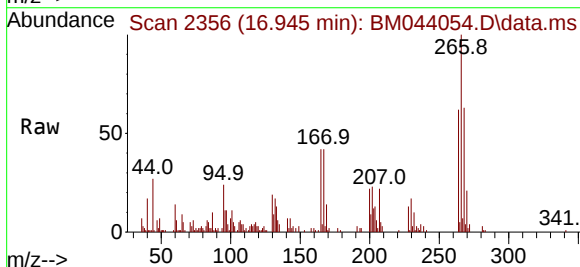
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

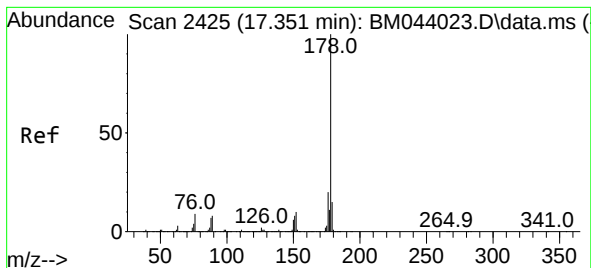
Tgt Ion:200 Resp: 68891
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.9 47.9
 215 47.5 27.9 67.9



#70
 Pentachlorophenol
 Concen: 2.474 ng
 RT: 16.945 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion:266 Resp: 39900
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 61.9 50.5 75.7





#71

Phenanthrene

Concen: 3.976 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

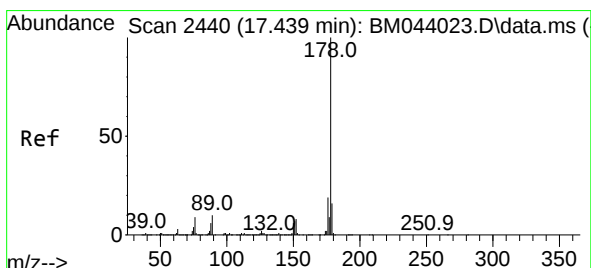
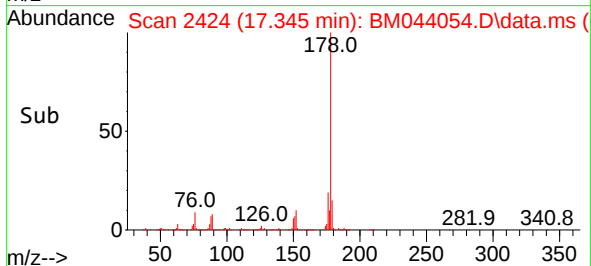
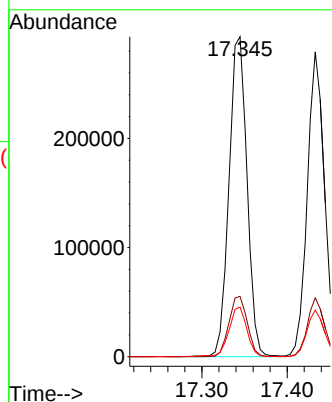
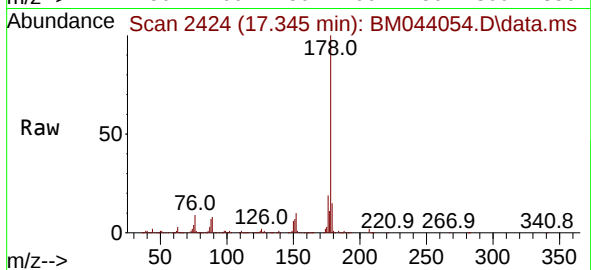
Tgt Ion:178 Resp: 429737

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

179 15.5 12.2 18.4



#72

Anthracene

Concen: 3.729 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

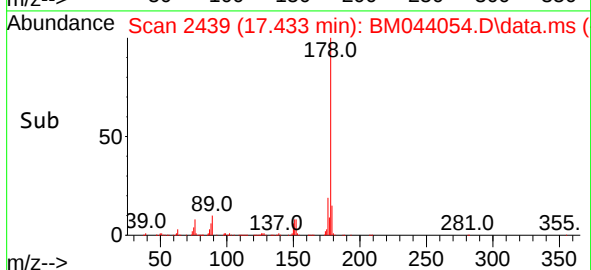
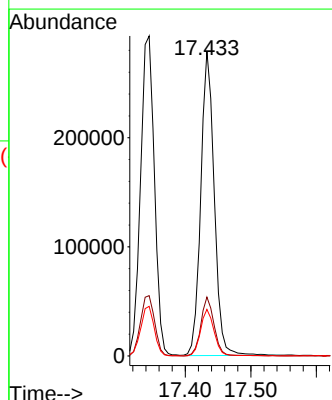
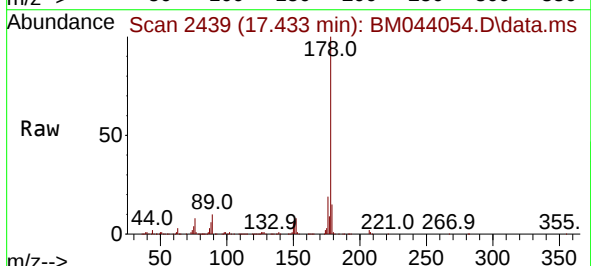
Tgt Ion:178 Resp: 398995

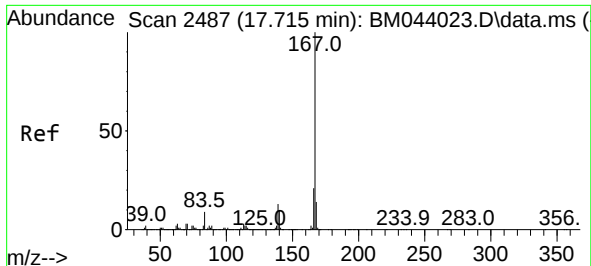
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.3 12.4 18.6

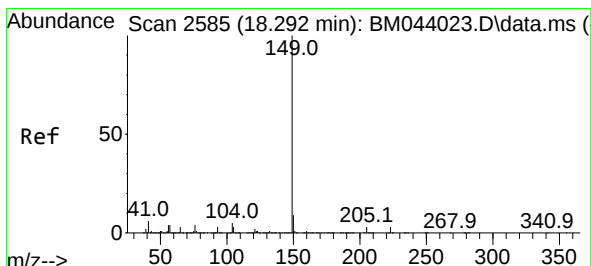
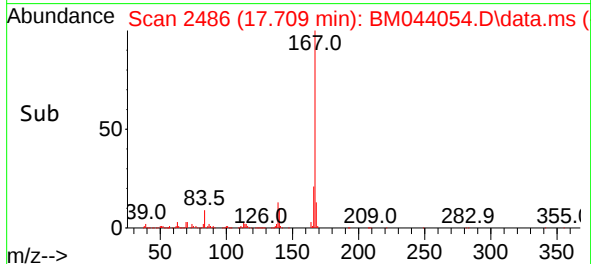
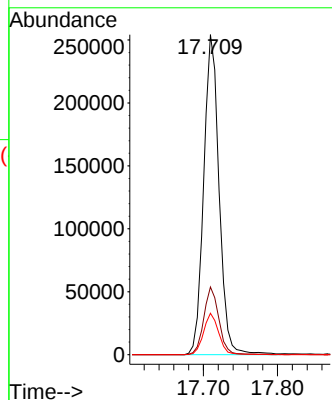
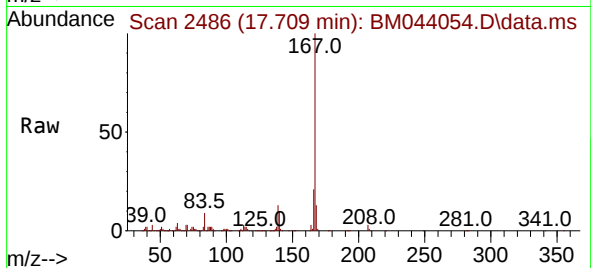




#73
 Carbazole
 Concen: 3.522 ng
 RT: 17.709 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

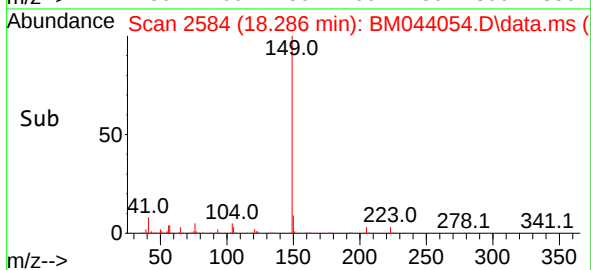
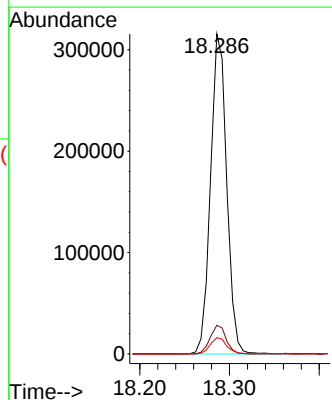
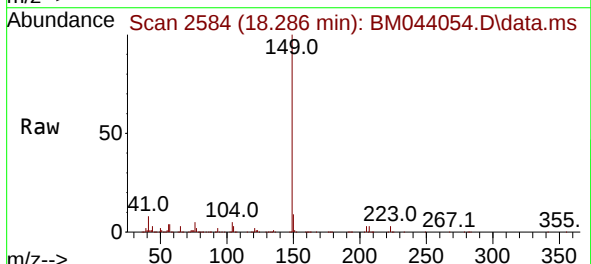
Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT3-2023

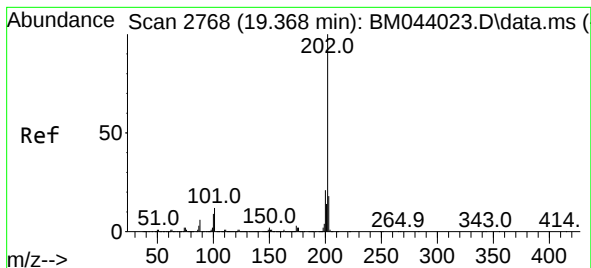
Tgt Ion:167 Resp: 366493
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 2.917 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion:149 Resp: 394496
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 3.574 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

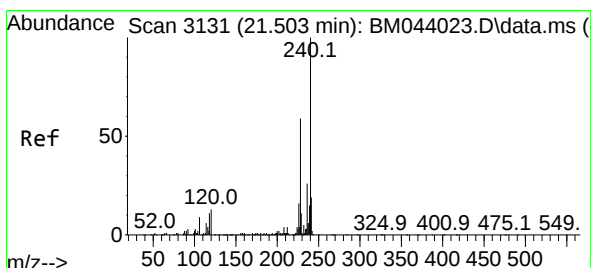
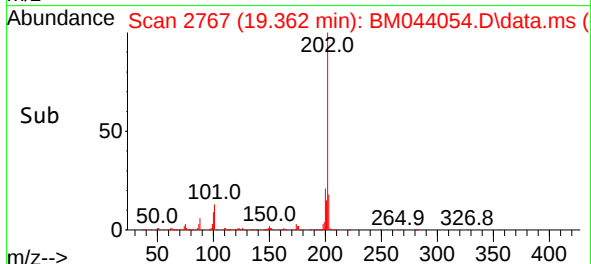
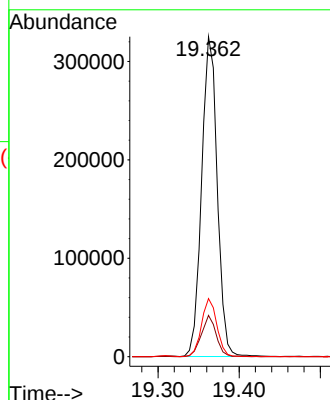
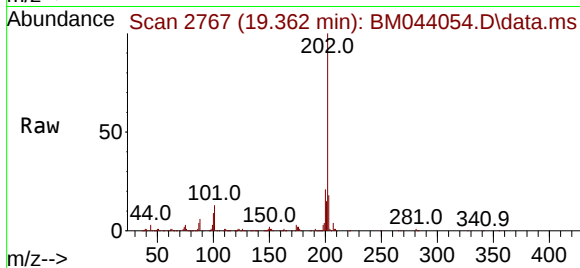
Tgt Ion:202 Resp: 433896

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.4

203 18.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

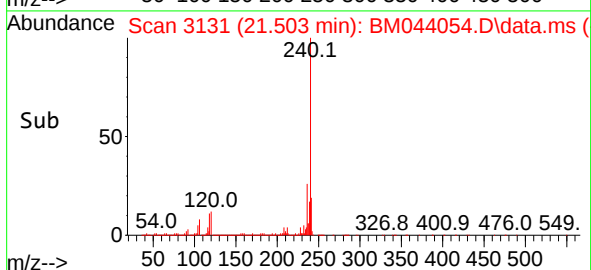
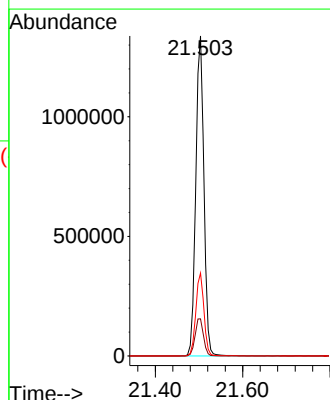
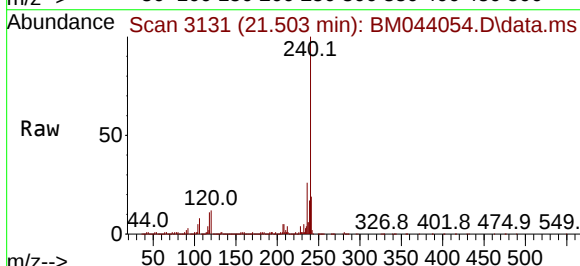
Tgt Ion:240 Resp: 1734146

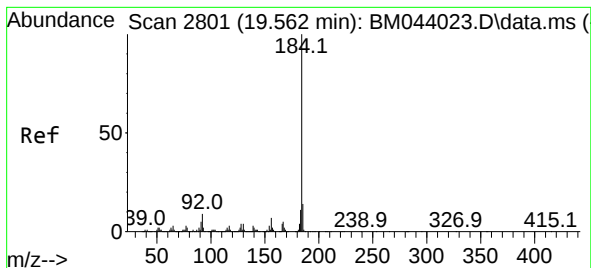
Ion Ratio Lower Upper

240 100

120 11.6 10.1 15.1

236 25.9 20.6 31.0





#77

Benzidine

Concen: 3.653 ng

RT: 19.562 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

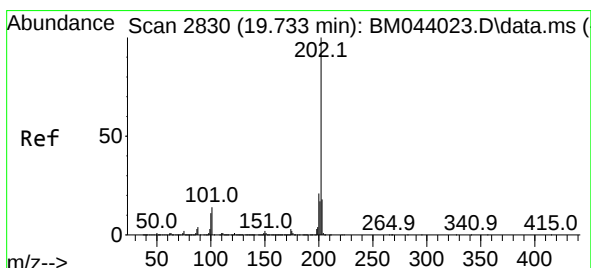
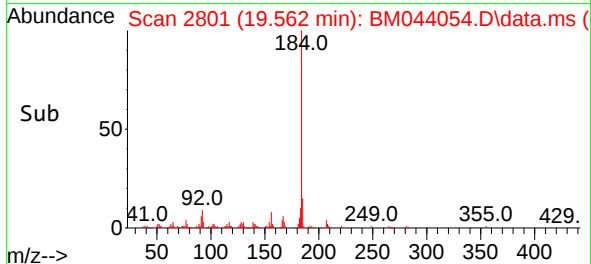
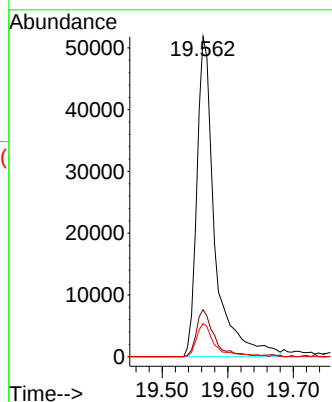
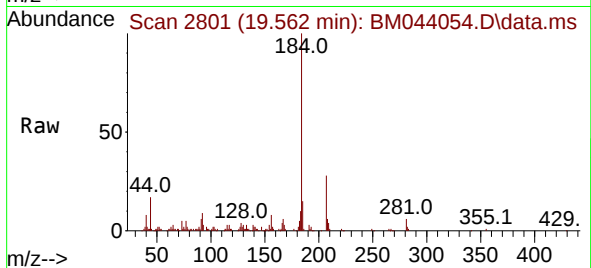
Tgt Ion:184 Resp: 98449

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.6

183 10.4 9.0 13.4



#78

Pyrene

Concen: 3.420 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

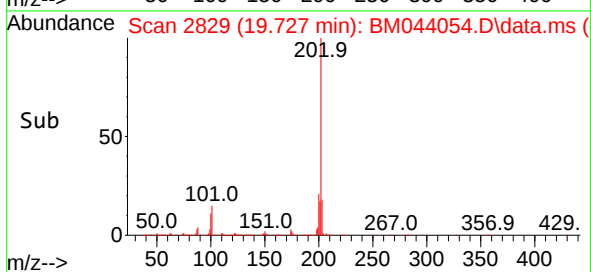
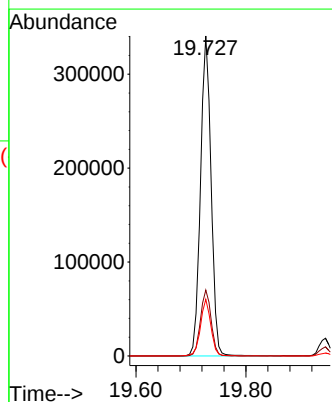
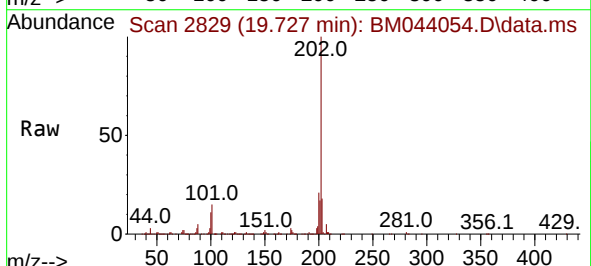
Tgt Ion:202 Resp: 456774

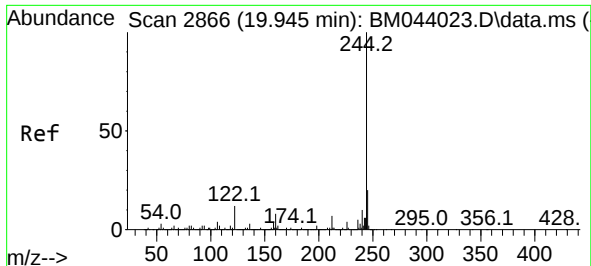
Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

203 17.7 14.0 21.0

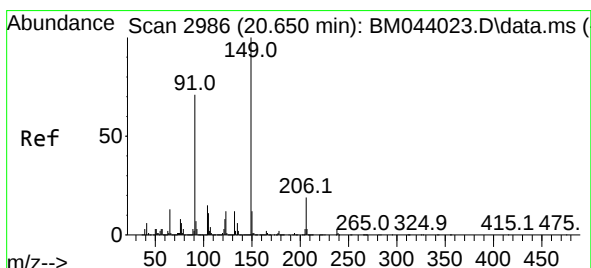
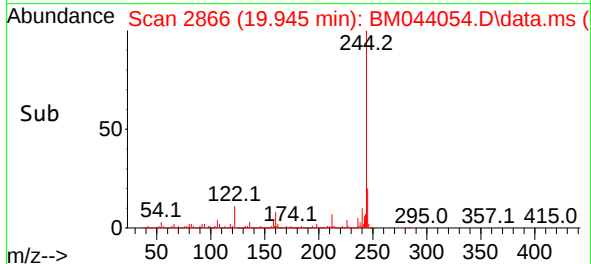
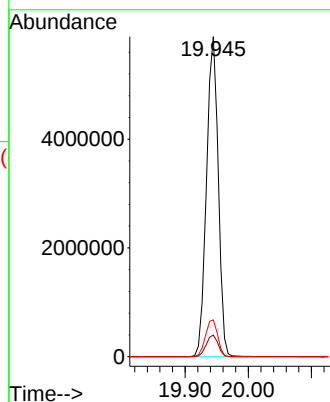
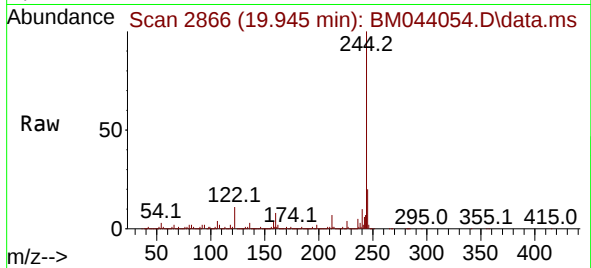




#79
 Terphenyl-d14
 Concen: 76.735 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

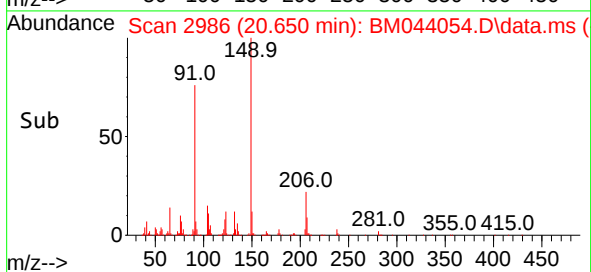
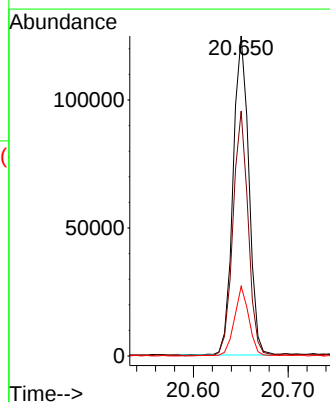
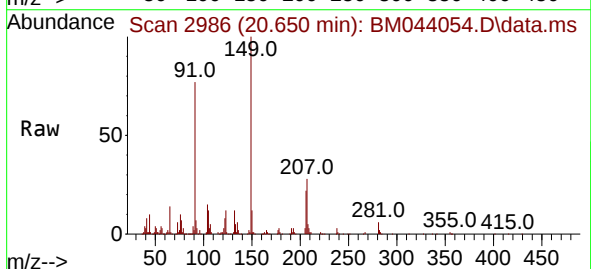
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

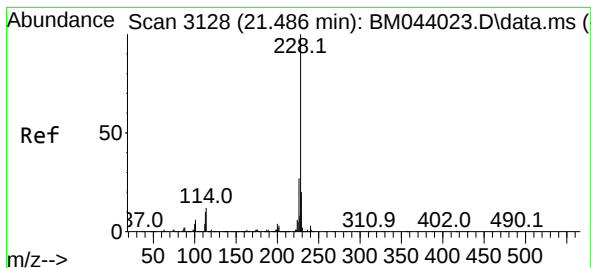
Tgt Ion:244 Resp: 7590856
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 2.429 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion:149 Resp: 144223
 Ion Ratio Lower Upper
 149 100
 91 76.5 56.8 85.2
 206 21.8 15.0 22.6





#81

Benzo(a)anthracene

Concen: 3.657 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

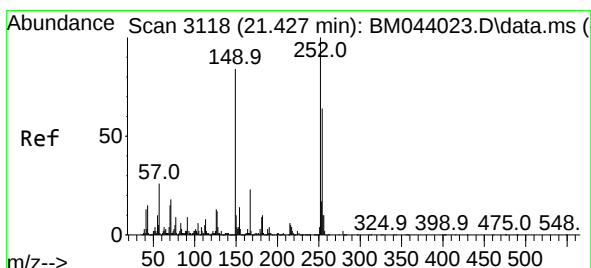
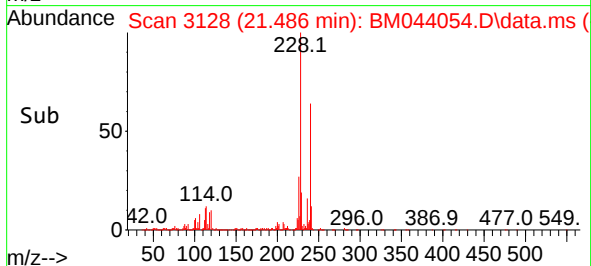
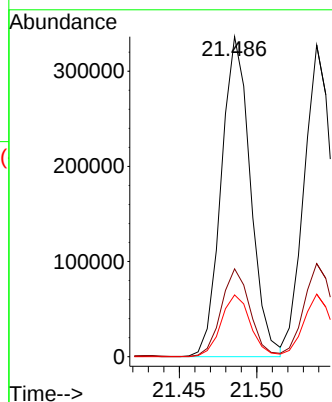
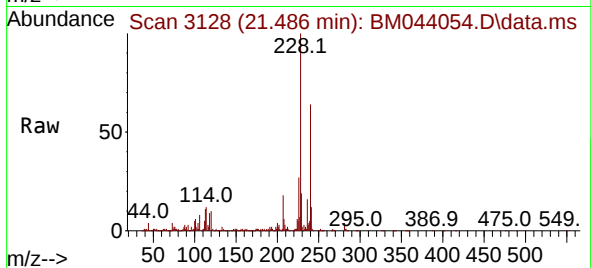
Tgt Ion:228 Resp: 441115

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.2

229 19.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 3.336 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

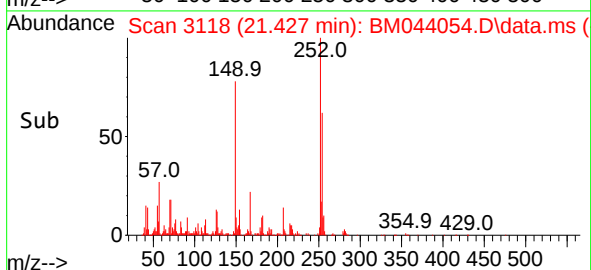
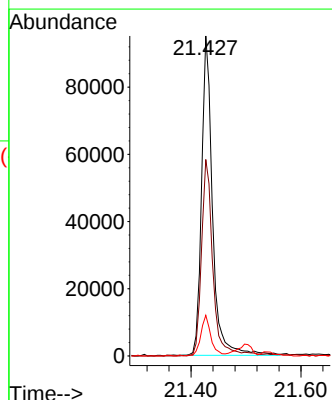
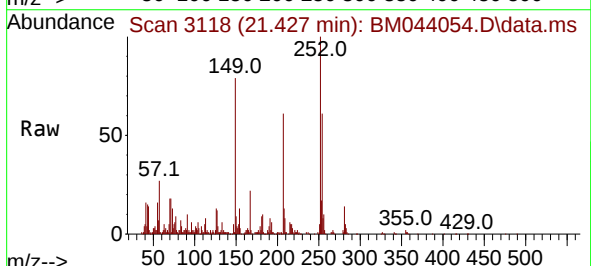
Tgt Ion:252 Resp: 132023

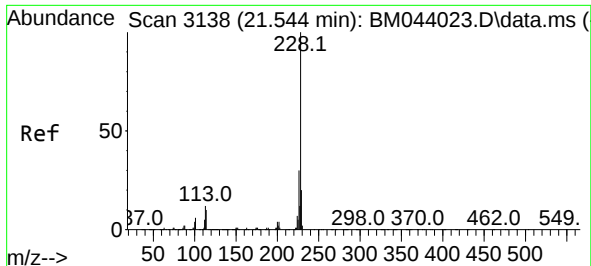
Ion Ratio Lower Upper

252 100

254 61.4 51.2 76.8

126 12.7 10.2 15.4





#83

Chrysene

Concen: 3.665 ng

RT: 21.539 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

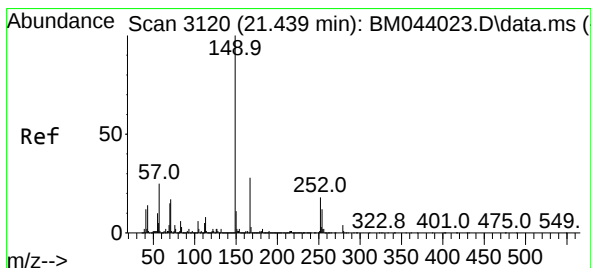
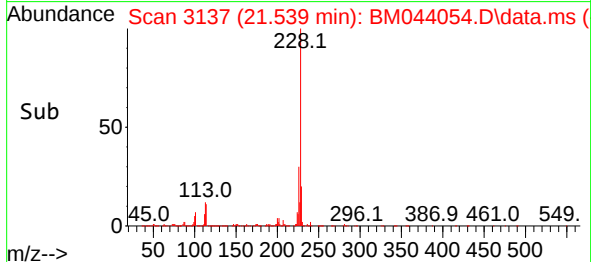
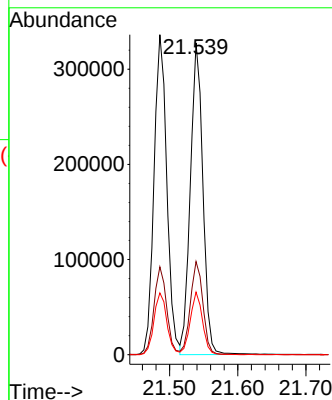
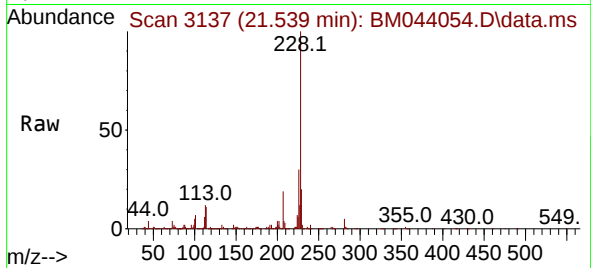
Tgt Ion:228 Resp: 417717

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.557 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

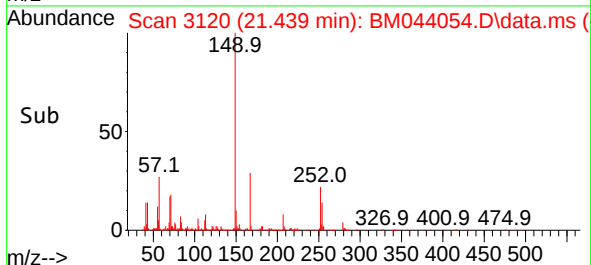
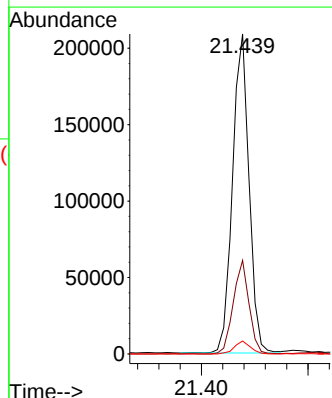
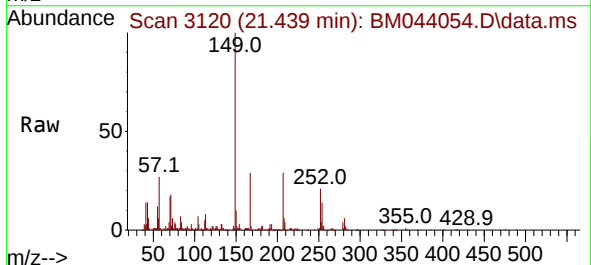
Tgt Ion:149 Resp: 223978

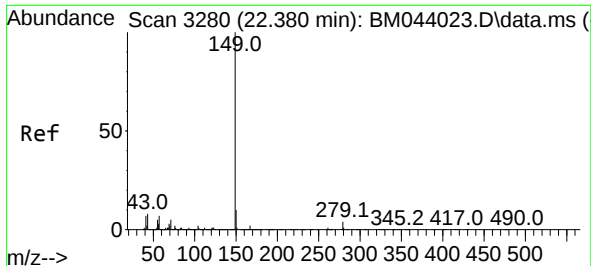
Ion Ratio Lower Upper

149 100

167 29.2 22.6 33.8

279 4.1 3.1 4.7

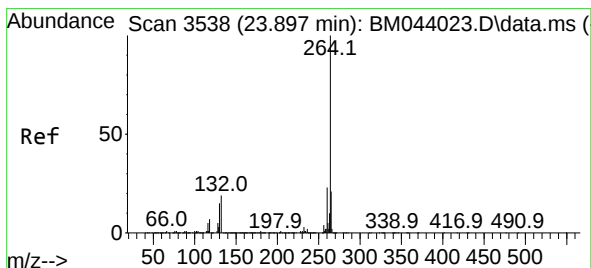
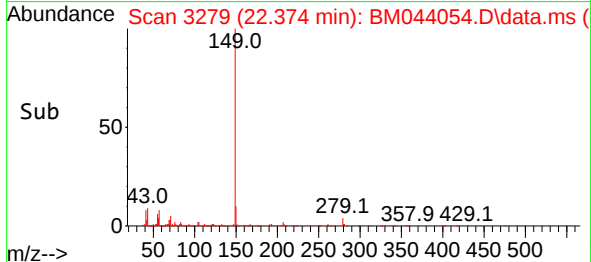
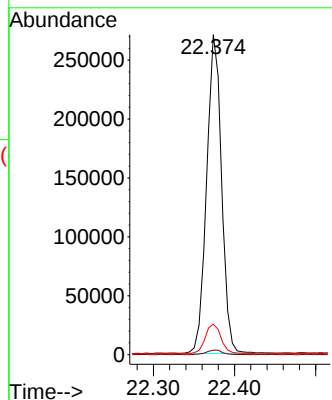
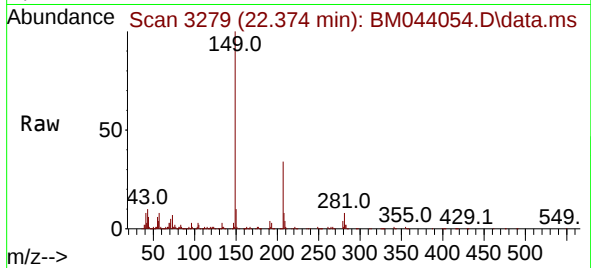




#85
Di-n-octyl phthalate
Concen: 2.252 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

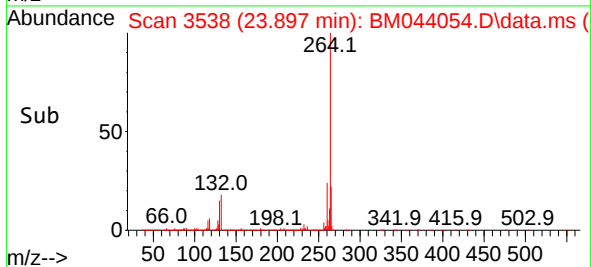
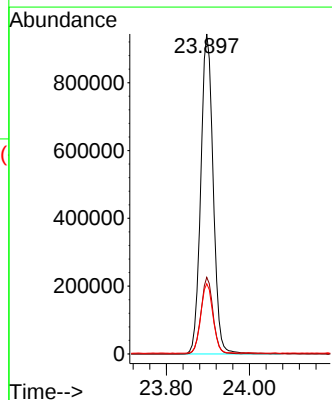
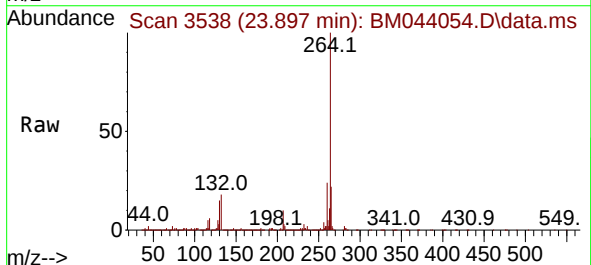
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

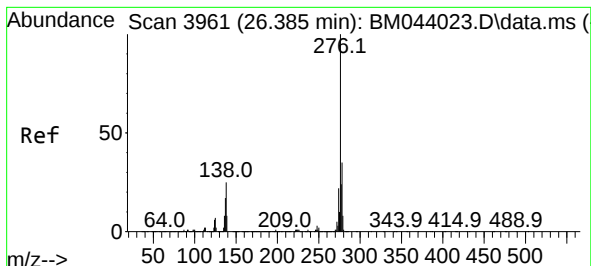
Tgt Ion:149 Resp: 344453
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:264 Resp: 1955615
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.464 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

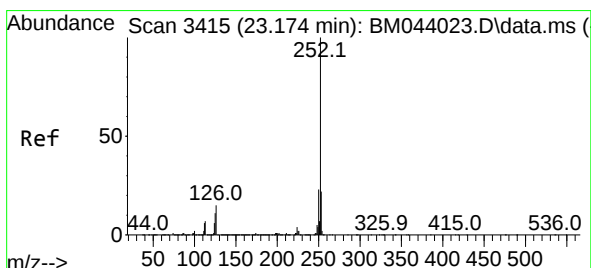
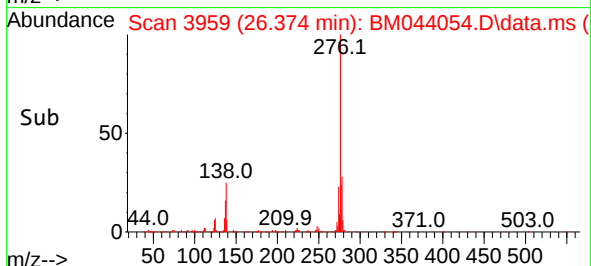
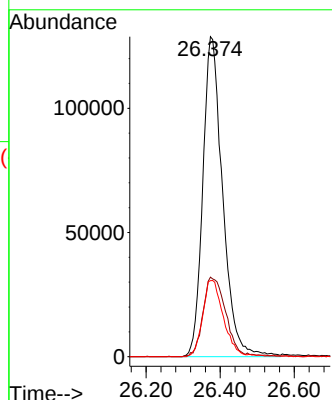
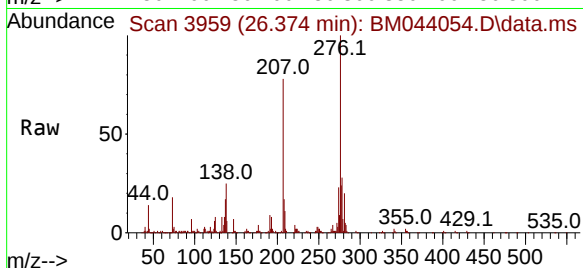
Tgt Ion:276 Resp: 479456

Ion Ratio Lower Upper

276 100

138 28.6 22.6 34.0

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 3.445 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

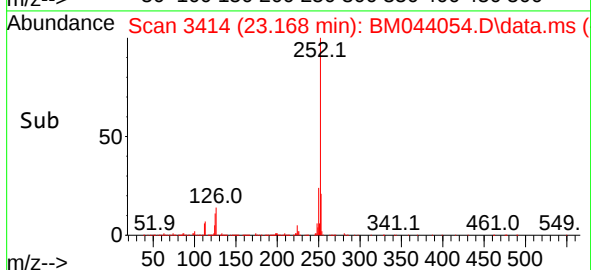
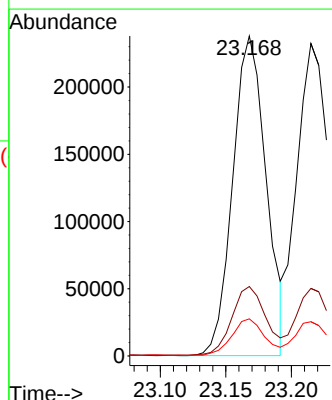
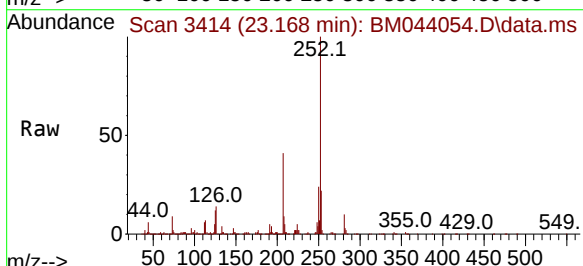
Tgt Ion:252 Resp: 421144

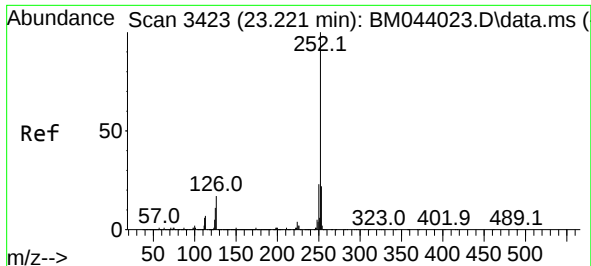
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.6 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 3.540 ng

RT: 23.215 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

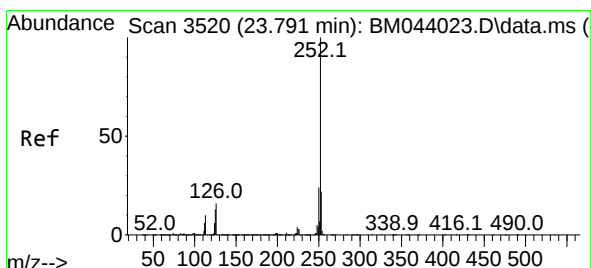
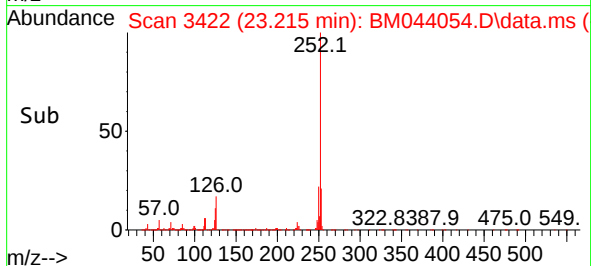
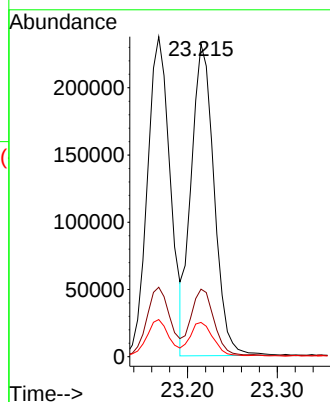
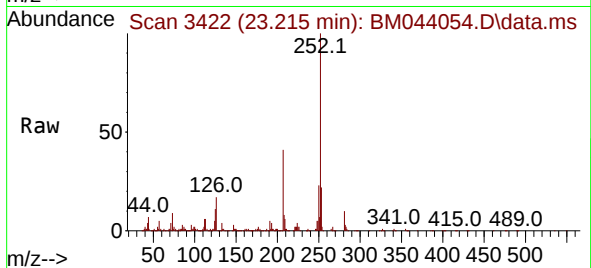
Tgt Ion:252 Resp: 411246

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.9 9.0 13.4



#90

Benzo(a)pyrene

Concen: 3.279 ng

RT: 23.791 min Scan# 3520

Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

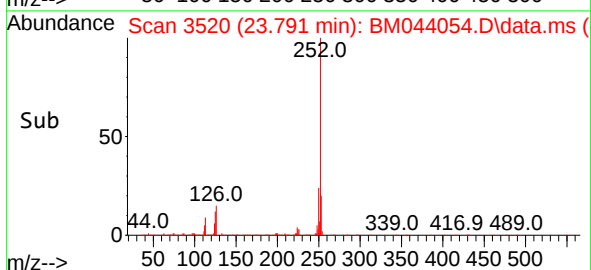
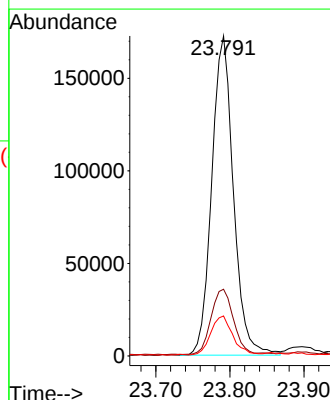
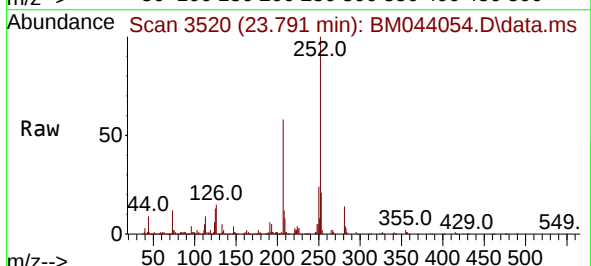
Tgt Ion:252 Resp: 350136

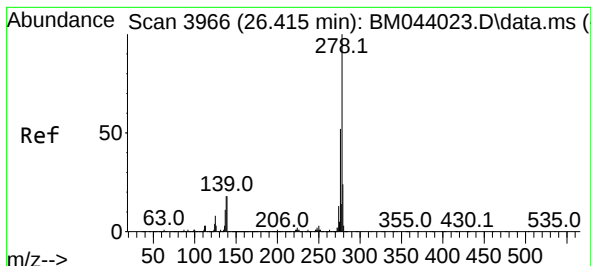
Ion Ratio Lower Upper

252 100

253 20.9 17.7 26.5

125 12.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 3.549 ng

RT: 26.409 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

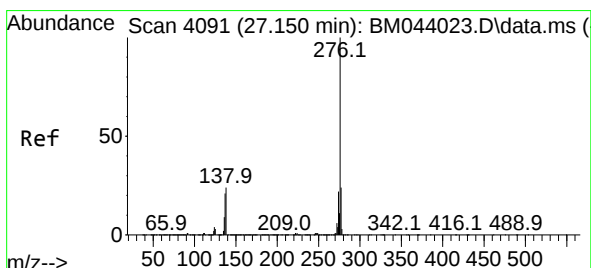
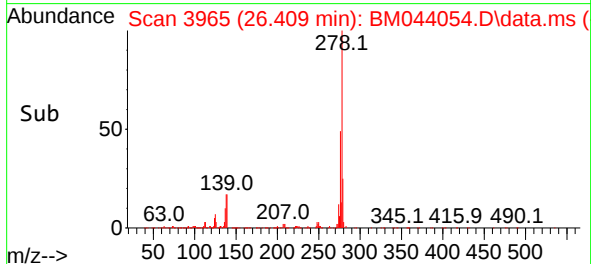
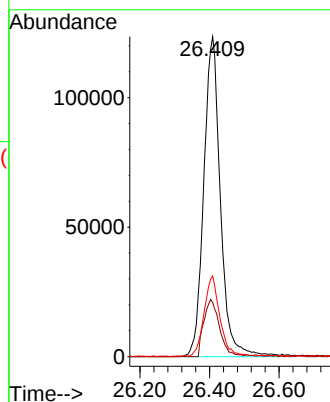
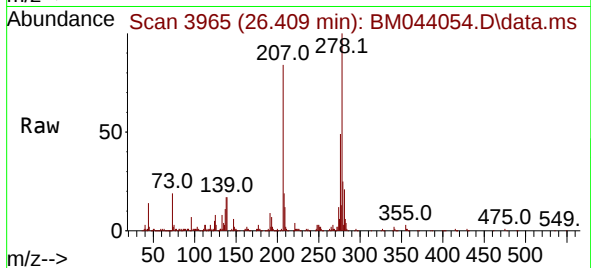
Tgt Ion:278 Resp: 410883

Ion Ratio Lower Upper

278 100

139 16.9 14.5 21.7

279 25.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 3.381 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:276 Resp: 396998

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.4 19.1 28.7

