

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044007.D
 Acq On : 07 Feb 2024 01:32
 Operator : MA/JU
 Sample : 03572-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Feb 07 03:13:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	526628	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	2325452	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1478396	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	3164475	20.000	ng	0.00
76) Chrysene-d12	21.515	240	2913141	20.000	ng	0.00
86) Perylene-d12	23.921	264	3211472	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	3014724	84.537	ng	0.00
7) Phenol-d6	7.087	99	4058224	77.020	ng	0.00
23) Nitrobenzene-d5	9.092	82	2855259	59.188	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1375093	76.303	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	6603960	61.379	ng	0.00
79) Terphenyl-d14	19.956	244	10435015	69.149	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.399	88	93855	6.810 ng	98
3) Pyridine	3.798	79	218764	5.216 ng	96
4) n-Nitrosodimethylamine	3.722	42	103626	5.747 ng	96
6) Aniline	7.251	93	327866	6.254 ng	98
8) 2-Chlorophenol	7.481	128	227428	5.744 ng	95
9) Benzaldehyde	7.069	77	216465	4.716 ng	98
10) Phenol	7.116	94	290977	5.554 ng	97
11) bis(2-Chloroethyl)ether	7.357	93	238577	5.810 ng	99
12) 1,3-Dichlorobenzene	7.804	146	246879	5.775 ng	99
13) 1,4-Dichlorobenzene	7.957	146	249843	5.779 ng	99
14) 1,2-Dichlorobenzene	8.269	146	242225	5.681 ng	99
15) Benzyl Alcohol	8.169	79	202486	5.607 ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	341427	6.201 ng	99
17) 2-Methylphenol	8.363	107	182885	5.461 ng	97
18) Hexachloroethane	8.992	117	95429	5.882 ng	97
19) n-Nitroso-di-n-propyla...	8.733	70	202256	5.834 ng	99
20) 3+4-Methylphenols	8.692	107	246457	5.214 ng	99
22) Acetophenone	8.751	105	383025	6.079 ng	# 97
24) Nitrobenzene	9.133	77	284736	5.883 ng	99
25) Isophorone	9.657	82	526562	5.864 ng	99
26) 2-Nitrophenol	9.839	139	100694	5.147 ng	91
27) 2,4-Dimethylphenol	9.898	122	184587	6.872 ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	339258	6.186 ng	100
29) 2,4-Dichlorophenol	10.369	162	192466	5.618 ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	224982	5.814 ng	99
31) Naphthalene	10.775	128	748448	5.774 ng	100
32) Benzoic acid	9.975	122	93473	9.406 ng	97
33) 4-Chloroaniline	10.892	127	324807	6.097 ng	99
34) Hexachlorobutadiene	11.051	225	126389	5.989 ng	99
35) Caprolactam	11.663	113	66571	4.738 ng	94
36) 4-Chloro-3-methylphenol	12.010	107	230235	5.488 ng	99
37) 2-Methylnaphthalene	12.386	142	518871	5.740 ng	99
38) 1-Methylnaphthalene	12.604	142	509967	5.652 ng	97
40) 1,2,4,5-Tetrachloroben...	12.751	216	254148	6.061 ng	99
41) Hexachlorocyclopentadiene	12.721	237	116870	8.475 ng	98
43) 2,4,6-Trichlorophenol	12.998	196	153255	5.408 ng	93

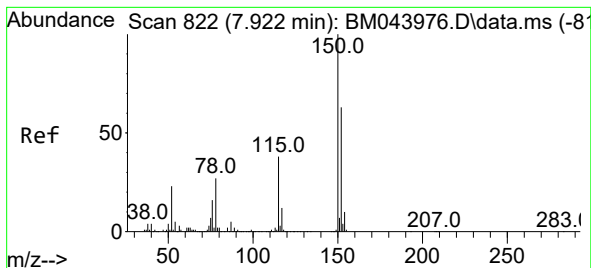
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	175604	5.432	ng	98
46) 1,1'-Biphenyl	13.404	154	714509	6.146	ng	99
47) 2-Chloronaphthalene	13.439	162	535438	5.775	ng	99
48) 2-Nitroaniline	13.651	65	156595	5.193	ng	96
49) Acenaphthylene	14.286	152	877028	6.188	ng	99
50) Dimethylphthalate	14.033	163	689554	6.005	ng	100
51) 2,6-Dinitrotoluene	14.151	165	136155	5.394	ng	96
52) Acenaphthene	14.627	154	510524	5.682	ng	99
53) 3-Nitroaniline	14.480	138	147527	5.034	ng	94
54) 2,4-Dinitrophenol	14.686	184	47727	10.187	ng	99
55) Dibenzofuran	14.962	168	845612	6.048	ng	100
56) 4-Nitrophenol	14.780	139	115439	4.508	ng	99
57) 2,4-Dinitrotoluene	14.933	165	170967	4.866	ng	92
58) Fluorene	15.615	166	673662	5.705	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	157070	5.636	ng	98
60) Diethylphthalate	15.398	149	691104	5.814	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	326539	5.928	ng	100
62) 4-Nitroaniline	15.639	138	150638	4.702	ng	99
63) Azobenzene	15.909	77	700653	5.901	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	72716	9.438	ng	88
66) n-Nitrosodiphenylamine	15.827	169	572409	6.072	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	135674	4.352	ng	96
68) Hexachlorobenzene	16.609	284	211760	5.697	ng	99
69) Atrazine	16.792	200	186726	7.160	ng	99
70) Pentachlorophenol	16.956	266	107429	4.402	ng	99
71) Phenanthrene	17.356	178	1056216	5.993	ng	100
72) Anthracene	17.451	178	1033937	5.992	ng	100
73) Carbazole	17.727	167	971195	5.434	ng	99
74) Di-n-butylphthalate	18.303	149	1123886	5.734	ng	100
75) Fluoranthene	19.374	202	1157945	5.312	ng	99
77) Benzidine	19.574	184	483410	13.079	ng	99
78) Pyrene	19.739	202	1218666	6.086	ng	99
80) Butylbenzylphthalate	20.662	149	460487	5.807	ng	99
81) Benzo(a)anthracene	21.497	228	1234675	6.041	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	387830	5.935	ng	99
83) Chrysene	21.550	228	1125530	5.748	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	730794	6.197	ng	# 99
85) Di-n-octyl phthalate	22.391	149	1154185	5.682	ng	98
87) Indeno(1,2,3-cd)pyrene	26.421	276	1263769	5.259	ng	99
88) Benzo(b)fluoranthene	23.185	252	1148646	5.686	ng	99
89) Benzo(k)fluoranthene	23.238	252	1134973	5.856	ng	99
90) Benzo(a)pyrene	23.809	252	982619	5.503	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	1058564	5.341	ng	99
92) Benzo(g,h,i)perylene	27.179	276	1010028	4.997	ng	99

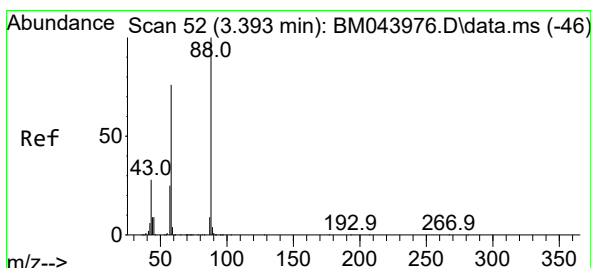
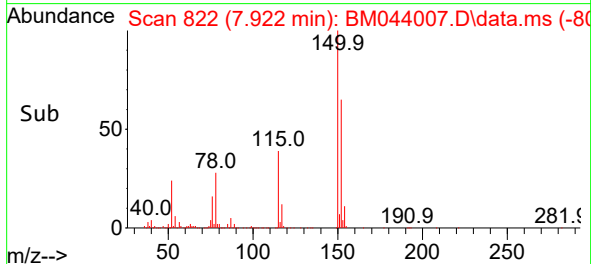
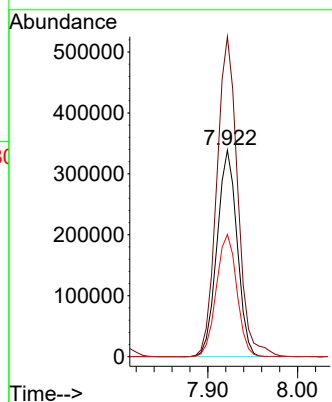
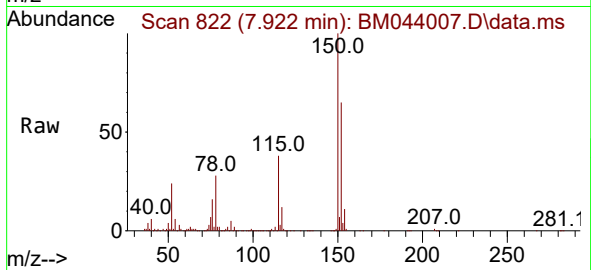
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

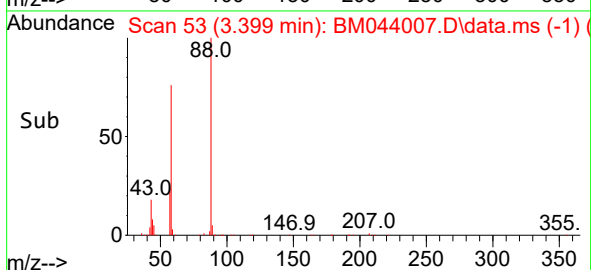
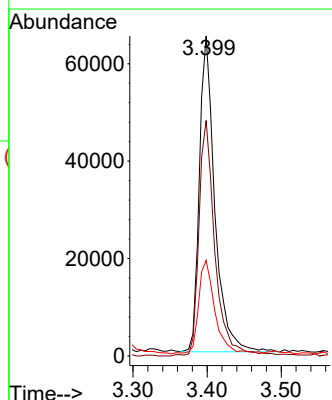
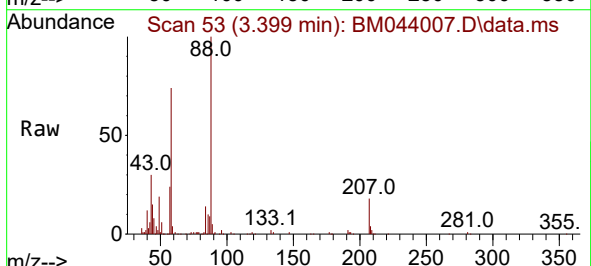
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

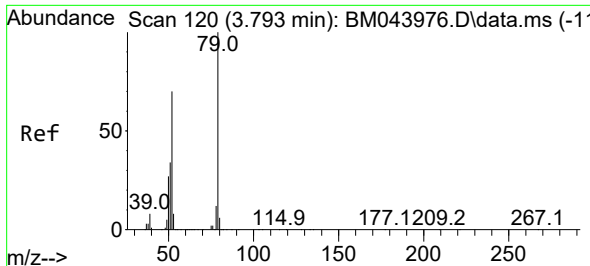
Tgt Ion:152 Resp: 526628
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.1 189.1
 115 59.2 48.2 72.2



#2
 1,4-Dioxane
 Concen: 6.810 ng
 RT: 3.399 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

Tgt Ion: 88 Resp: 93855
 Ion Ratio Lower Upper
 88 100
 58 77.3 61.0 91.6
 43 31.3 23.0 34.6

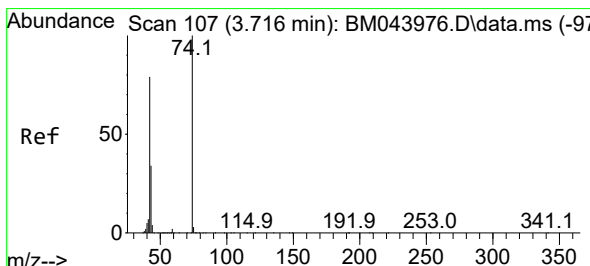
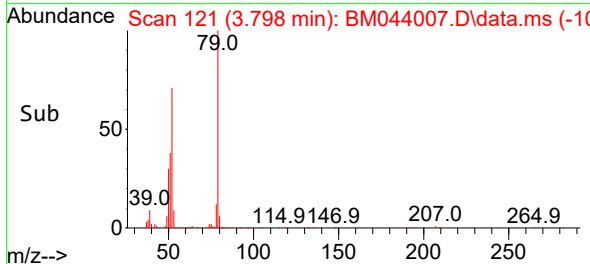
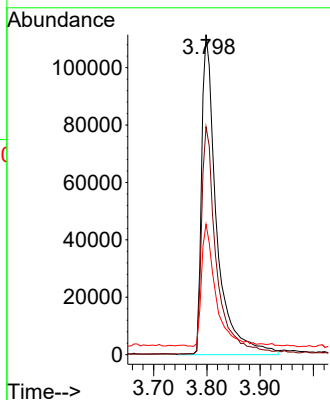
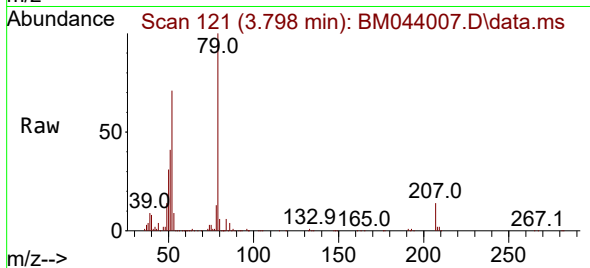




#3
Pyridine
Concen: 5.216 ng
RT: 3.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

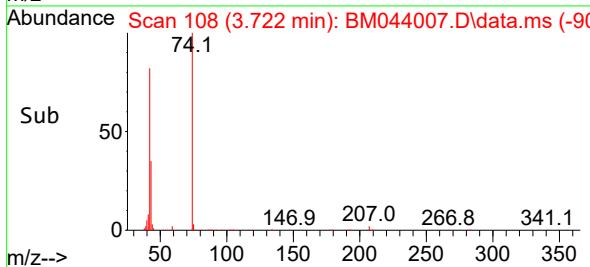
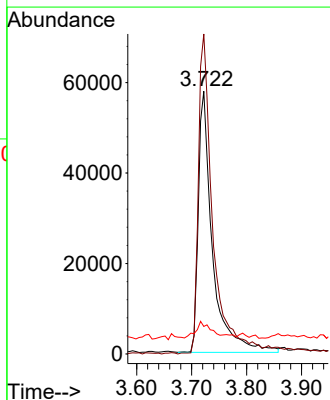
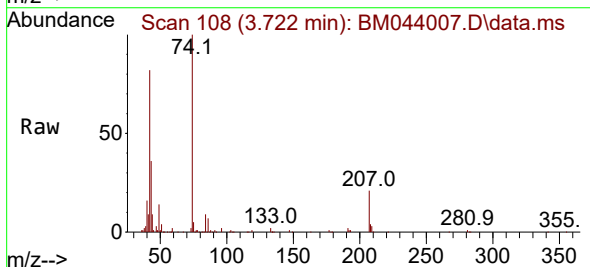
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

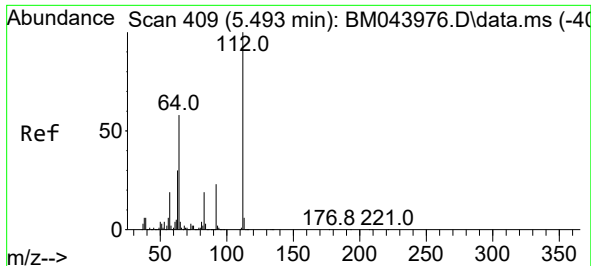
Tgt Ion: 79 Resp: 218764
Ion Ratio Lower Upper
79 100
52 71.2 55.9 83.9
51 40.7 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 5.747 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 42 Resp: 103626
Ion Ratio Lower Upper
42 100
74 121.8 100.7 151.1
44 10.5 7.3 10.9

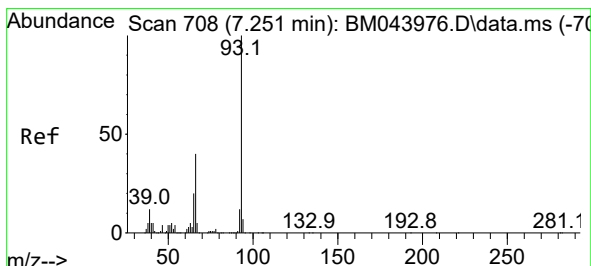
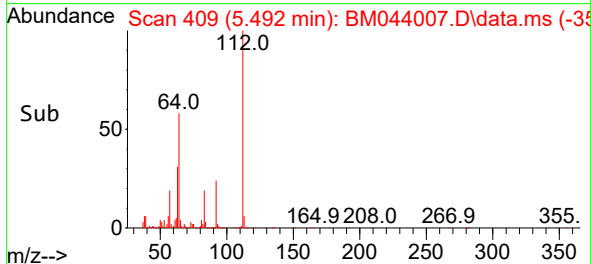
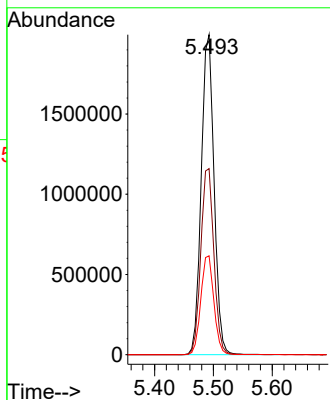
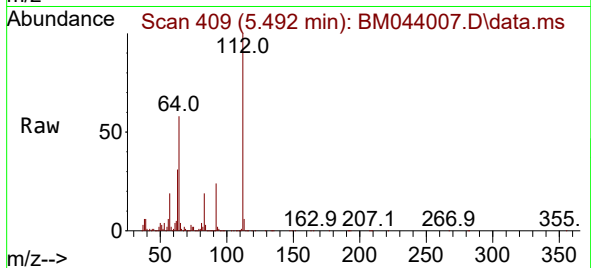




#5
2-Fluorophenol
Concen: 84.537 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.001 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

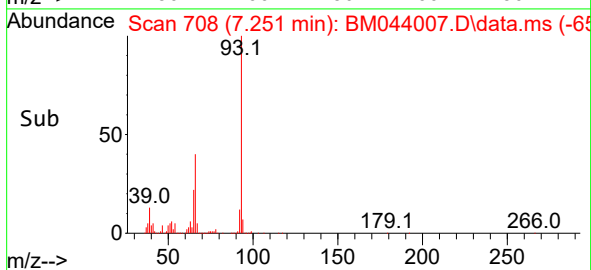
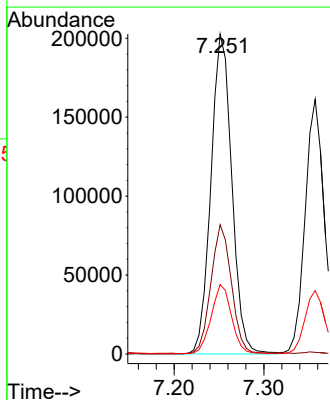
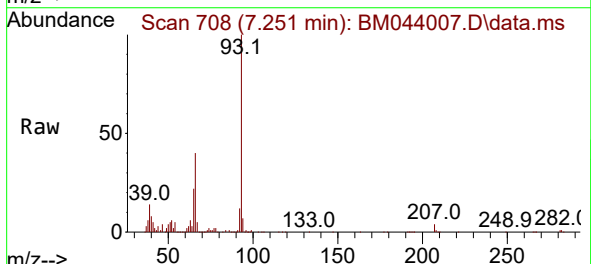
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ClientSampleId :
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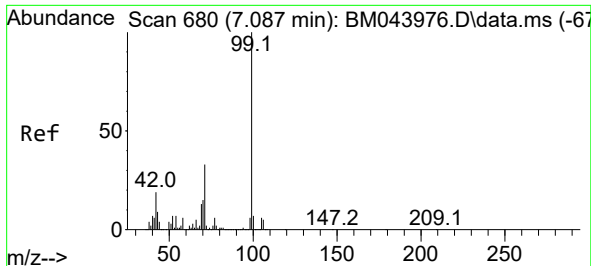
Tgt Ion:112 Resp: 3014724
Ion Ratio Lower Upper
112 100
64 58.2 46.6 70.0
63 30.9 24.2 36.4



#6
Aniline
Concen: 6.254 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 93 Resp: 327866
Ion Ratio Lower Upper
93 100
66 40.4 32.2 48.2
65 21.7 15.8 23.8



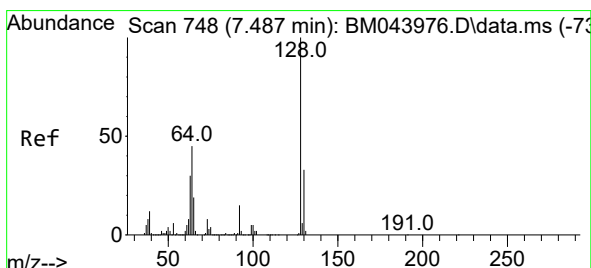
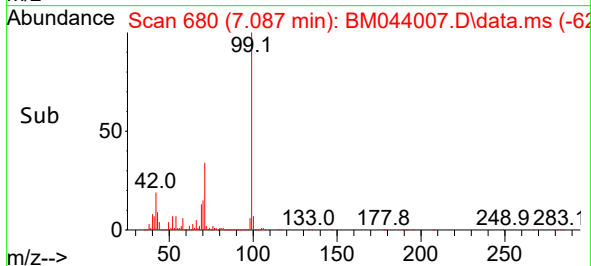
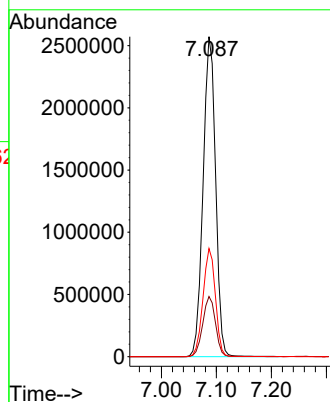
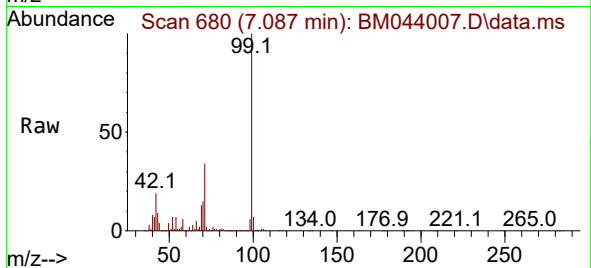


#7
Phenol-d6
Concen: 77.020 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 99 Resp: 4058224

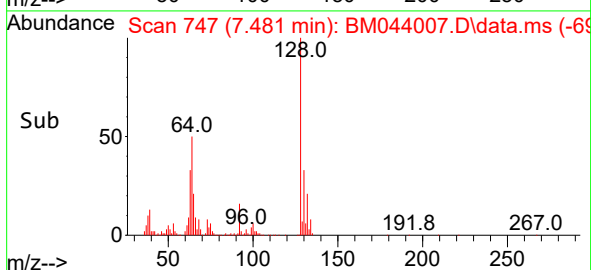
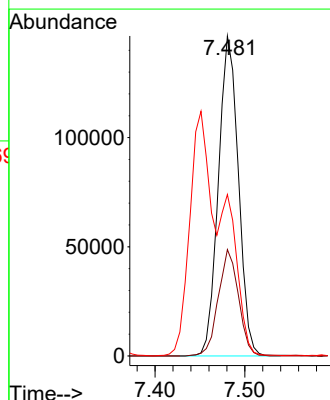
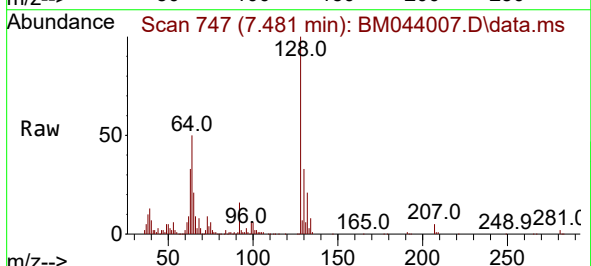
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	33.8	26.3	39.5

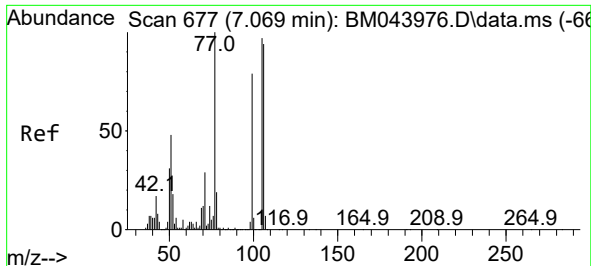


#8
2-Chlorophenol
Concen: 5.744 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:128 Resp: 227428

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	50.5	25.6	65.6

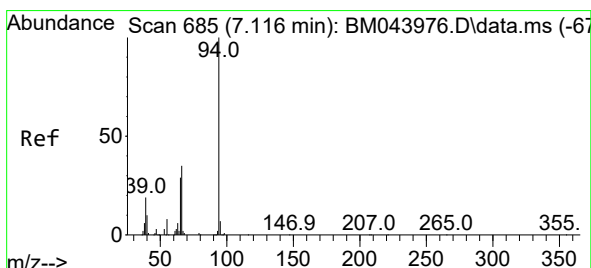
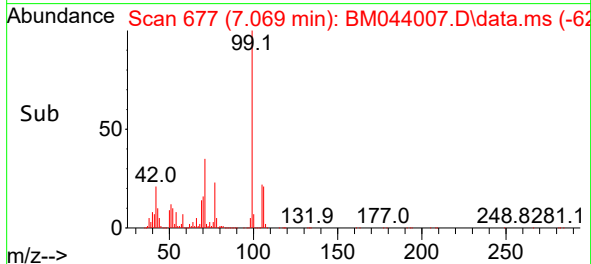
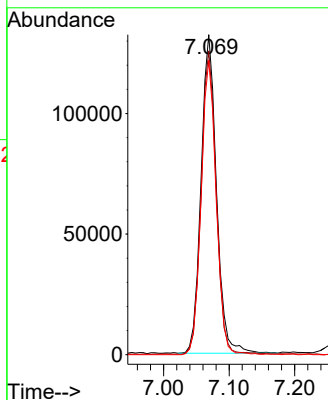
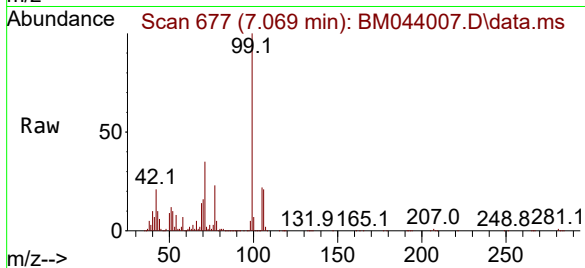




#9
Benzaldehyde
Concen: 4.716 ng
RT: 7.069 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

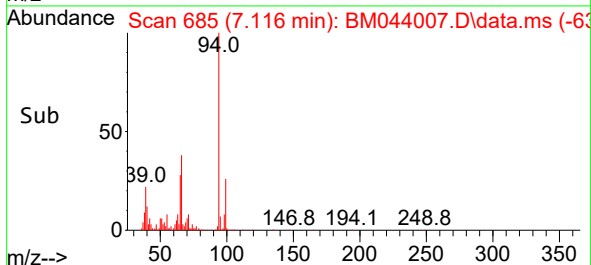
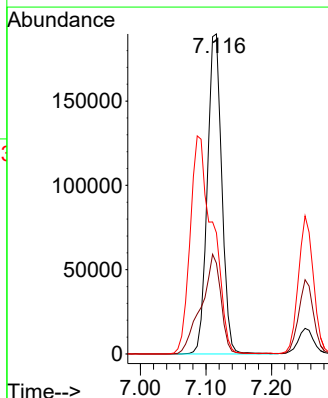
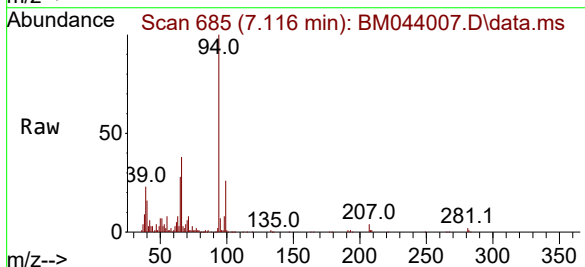
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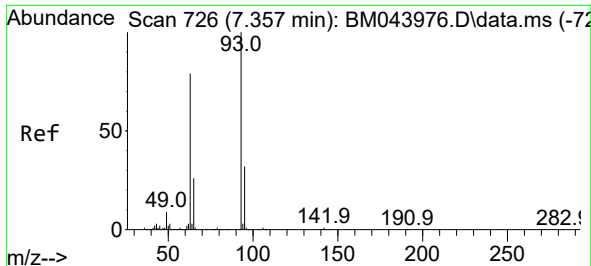
Tgt Ion: 77 Resp: 216465
Ion Ratio Lower Upper
77 100
105 95.0 77.4 117.4
106 91.9 73.5 113.5



#10
Phenol
Concen: 5.554 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 94 Resp: 290977
Ion Ratio Lower Upper
94 100
65 28.4 9.3 49.3
66 37.9 15.7 55.7

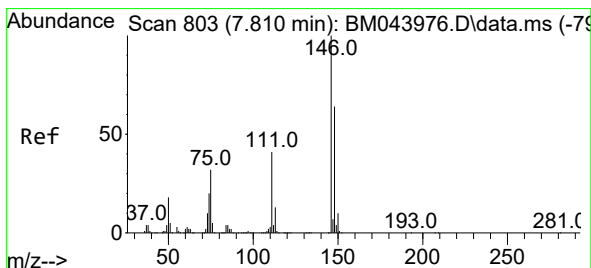
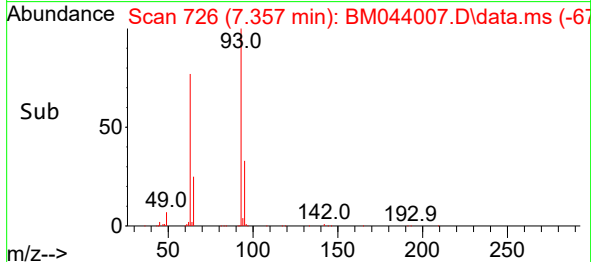
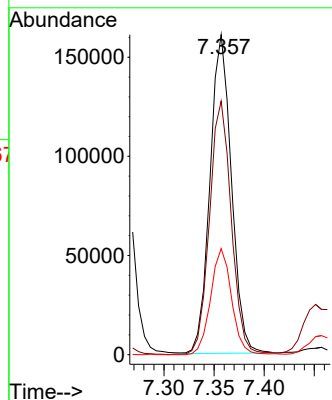
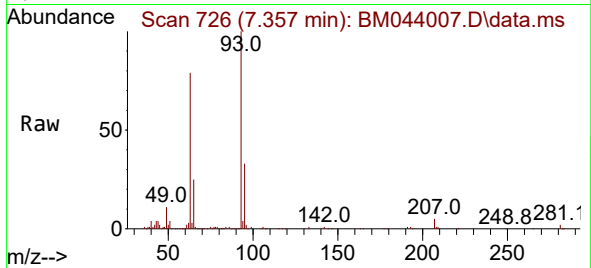




#11
bis(2-Chloroethyl)ether
Concen: 5.810 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

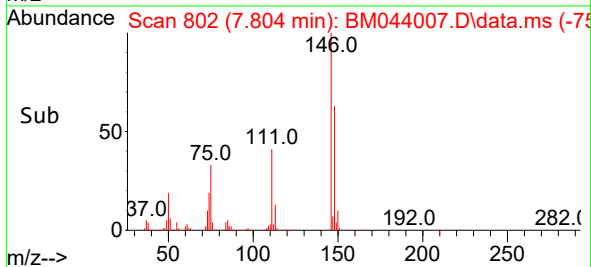
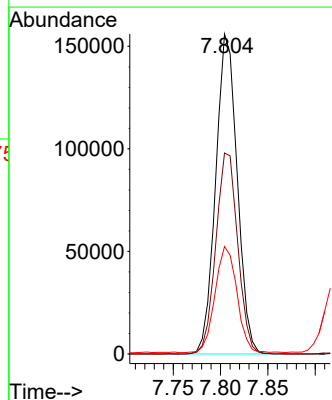
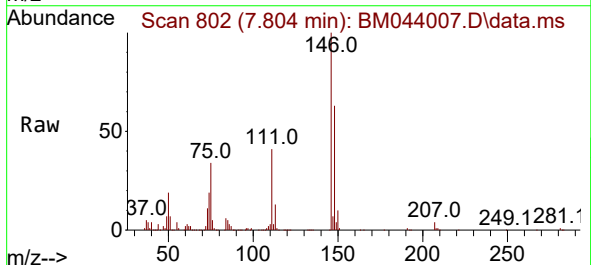
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

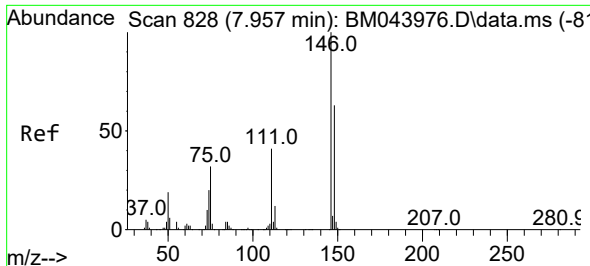
Tgt Ion: 93 Resp: 238577
Ion Ratio Lower Upper
93 100
63 79.2 59.0 99.0
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 5.775 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:146 Resp: 246879
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
75 33.6 26.1 39.1

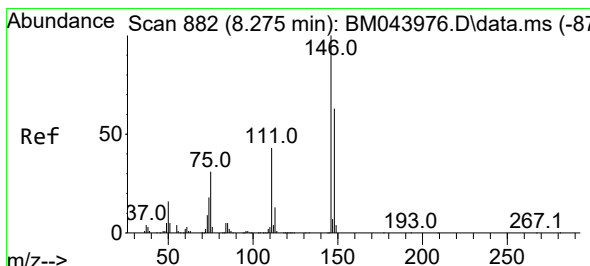
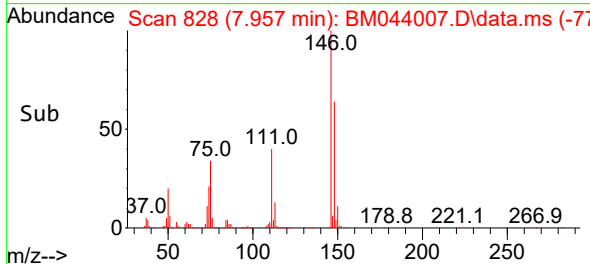
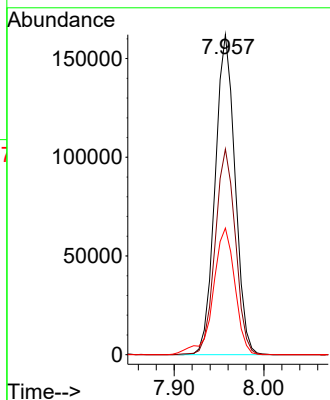
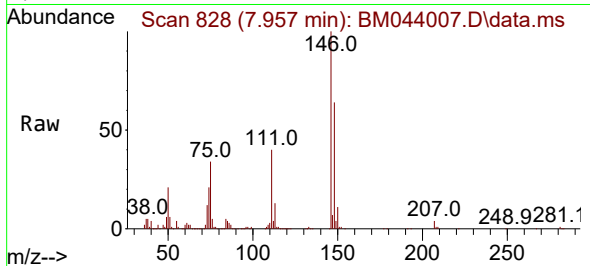




#13
1,4-Dichlorobenzene
Concen: 5.779 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

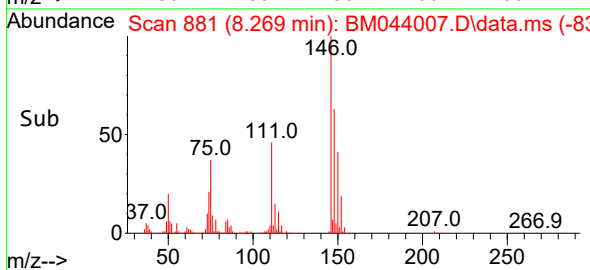
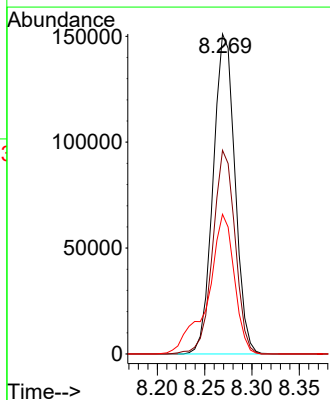
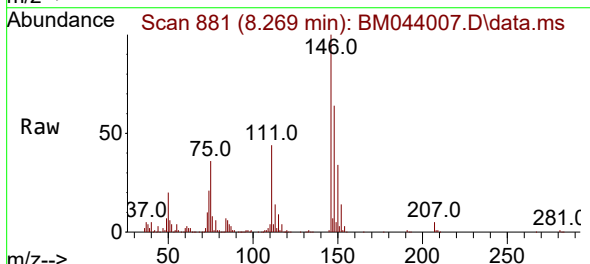
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

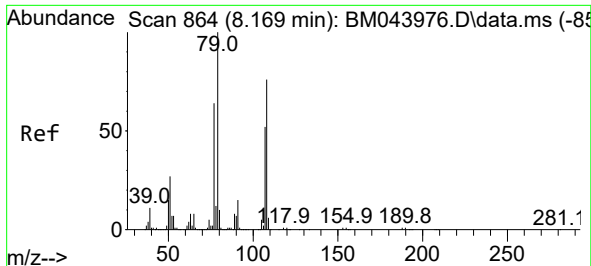
Tgt Ion:146 Resp: 249843
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 39.6 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 5.681 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:146 Resp: 242225
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.7 34.3 51.5

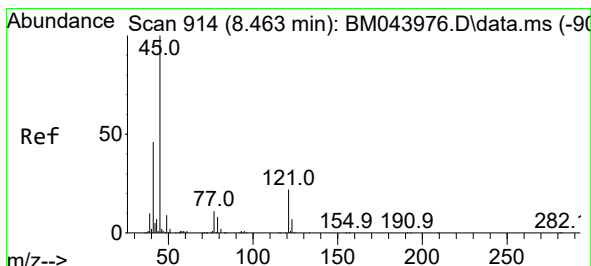
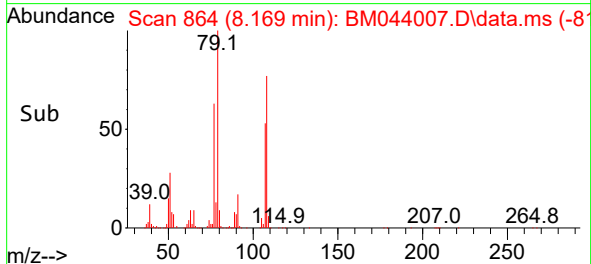
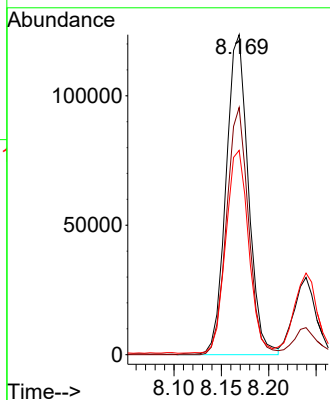
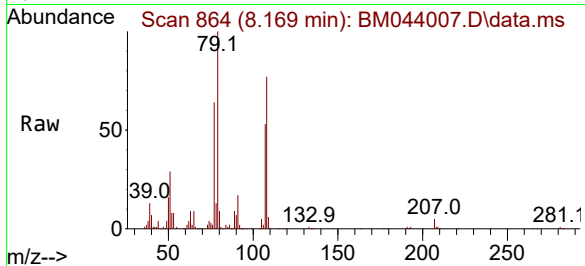




#15
Benzyl Alcohol
Concen: 5.607 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

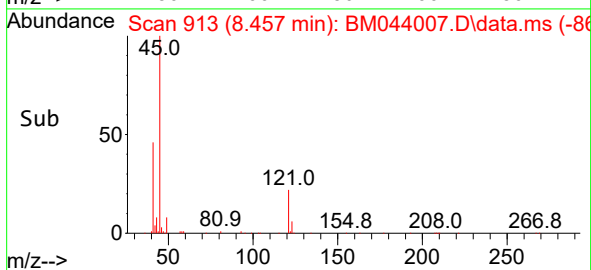
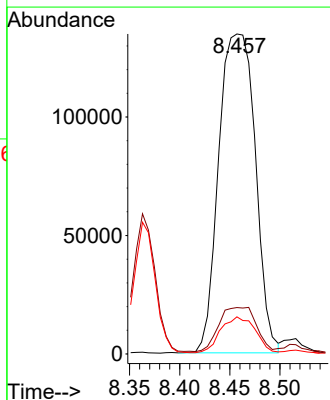
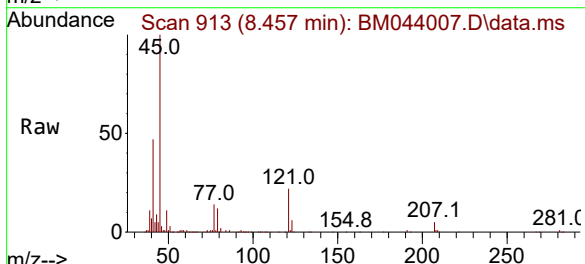
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

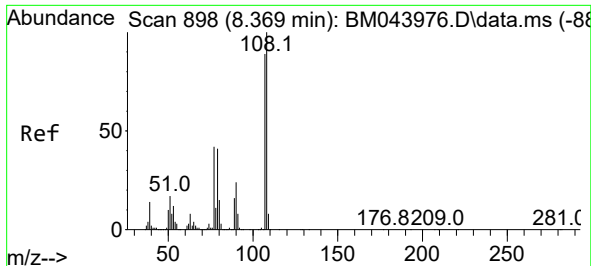
Tgt Ion: 79 Resp: 202486
Ion Ratio Lower Upper
79 100
108 77.2 60.7 91.1
77 63.8 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.201 ng
RT: 8.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 45 Resp: 341427
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.4
79 11.6 0.0 31.2

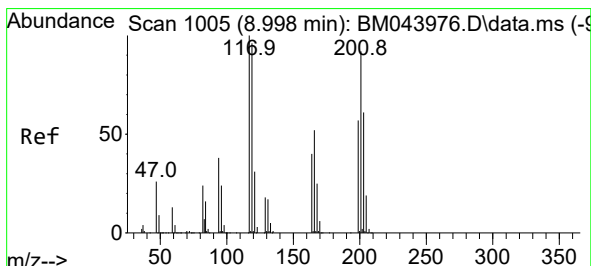
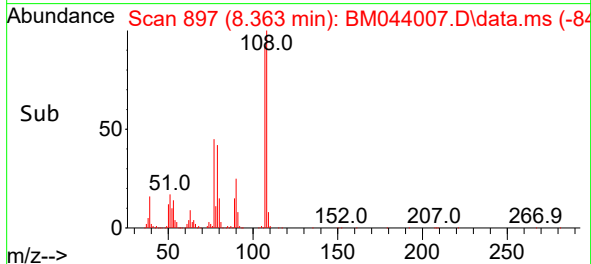
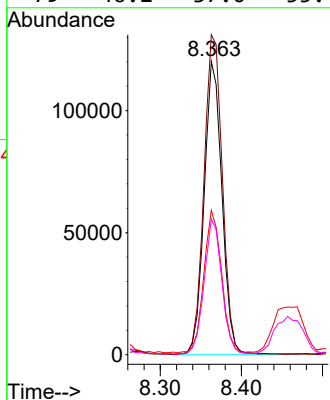
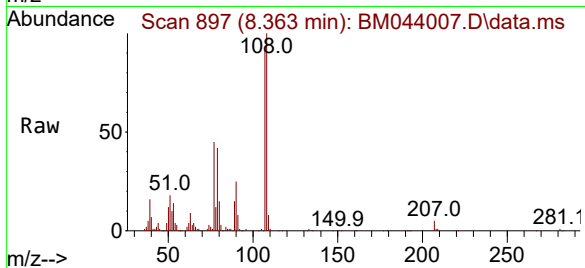




#17
2-Methylphenol
Concen: 5.461 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

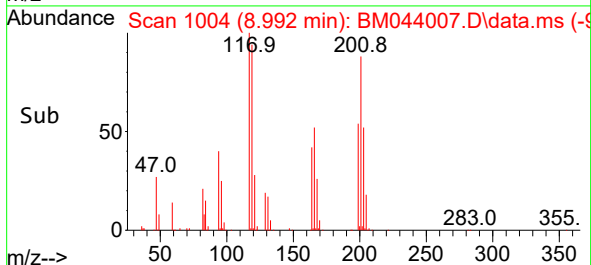
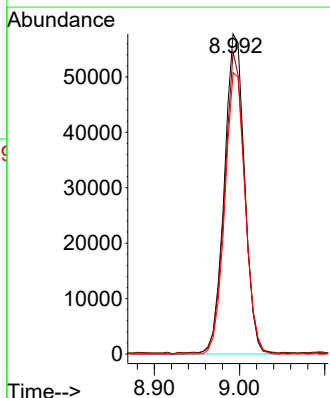
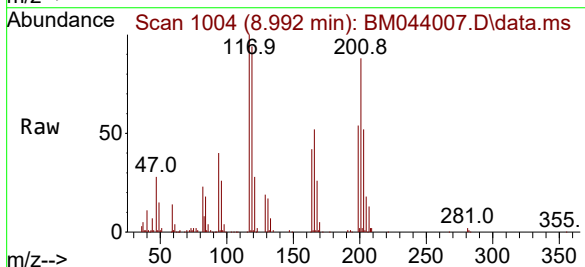
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

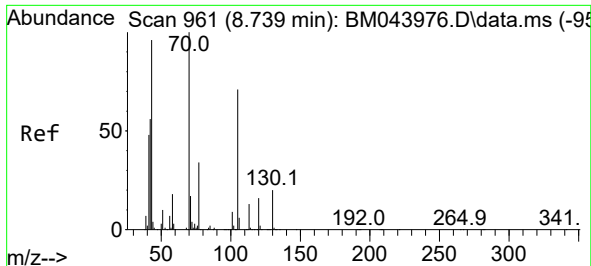
Tgt Ion:	107	Resp:	182885
Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.4	135.6
77	49.2	38.0	57.0
79	46.2	37.0	55.4



#18
Hexachloroethane
Concen: 5.882 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:	117	Resp:	95429
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.7	115.1
201	87.9	73.4	110.2

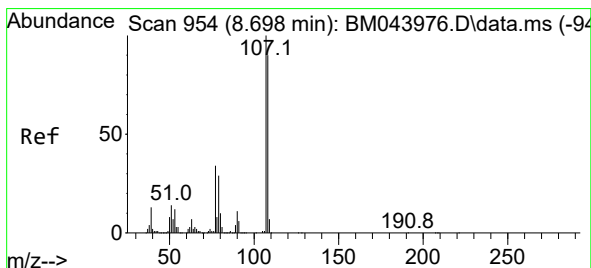
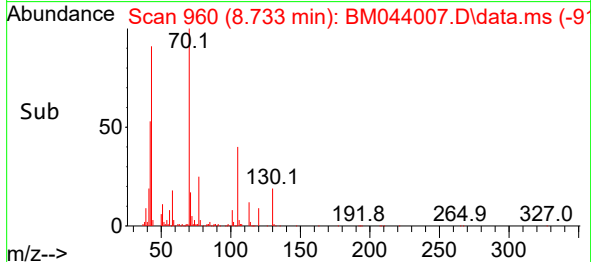
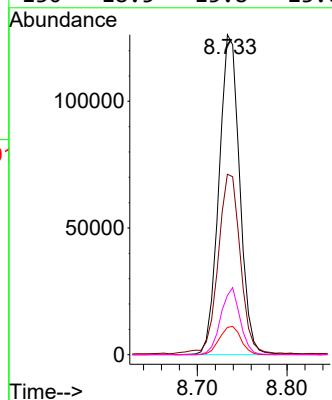
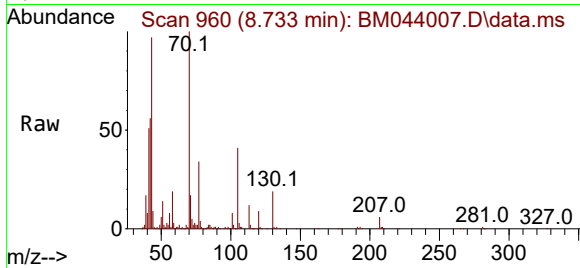




#19
n-Nitroso-di-n-propylamine
Concen: 5.834 ng
RT: 8.733 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

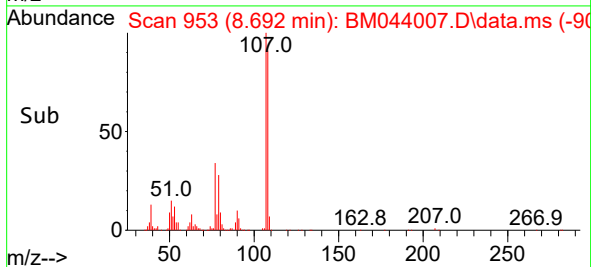
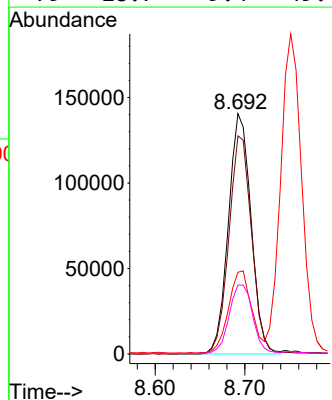
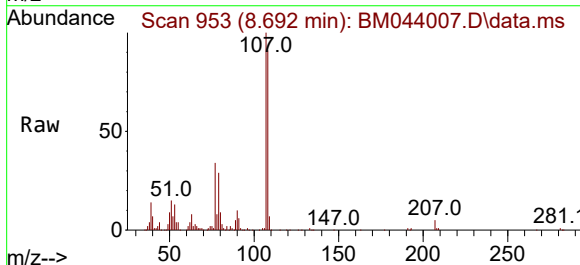
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

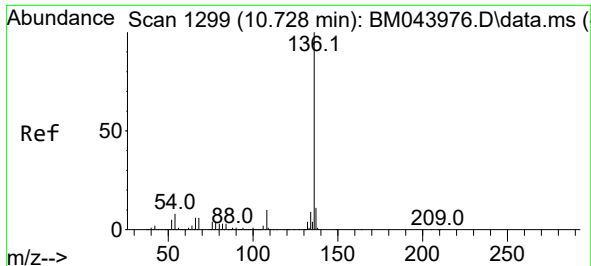
Tgt Ion: 70 Resp: 202256
Ion Ratio Lower Upper
70 100
42 56.4 45.6 68.4
101 8.5 7.5 11.3
130 18.5 15.8 23.6



#20
3+4-Methylphenols
Concen: 5.214 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 107 Resp: 246457
Ion Ratio Lower Upper
107 100
108 90.7 70.3 110.3
77 34.0 14.0 54.0
79 28.7 9.4 49.4

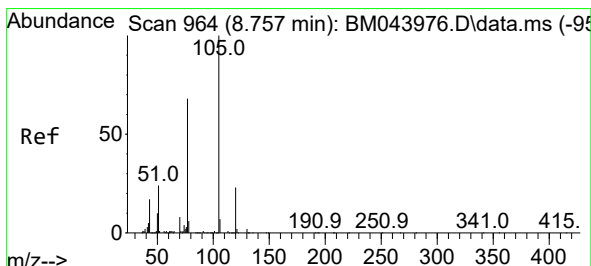
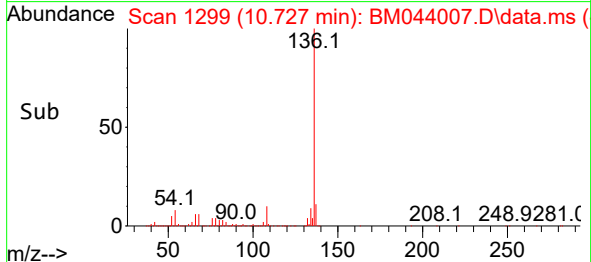
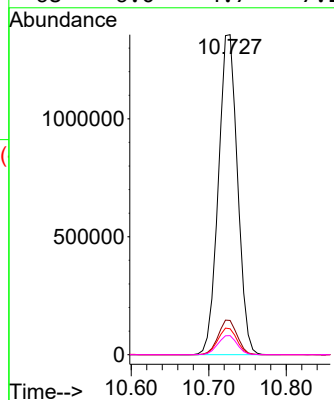
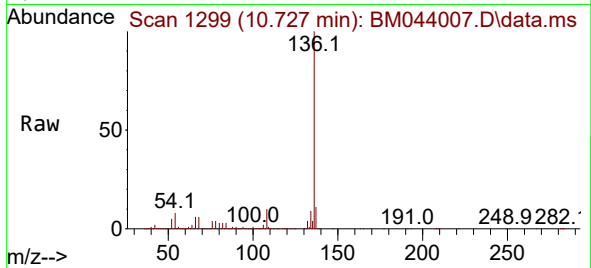




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

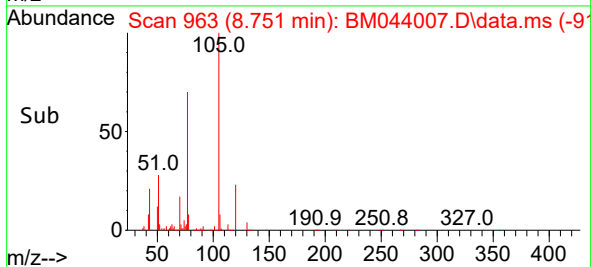
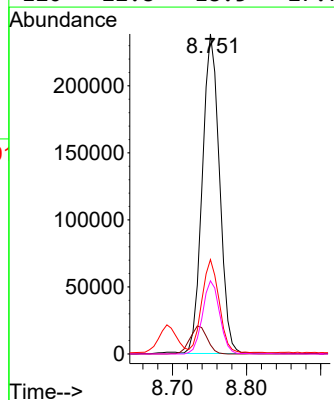
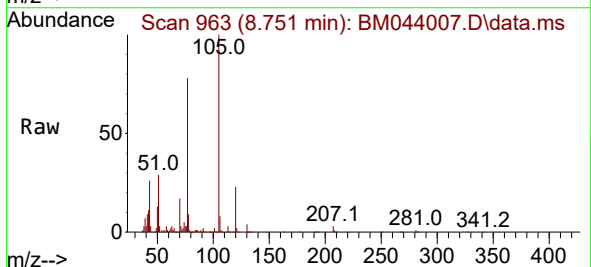
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

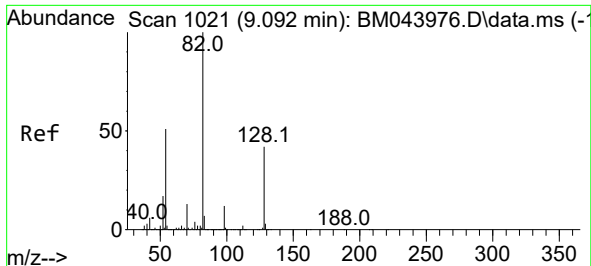
Tgt Ion:136 Resp: 2325452
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.5 9.7
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 6.079 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:105 Resp: 383025
Ion Ratio Lower Upper
105 100
71 2.9 1.6 2.4#
51 29.5 21.8 32.6
120 22.8 18.5 27.7

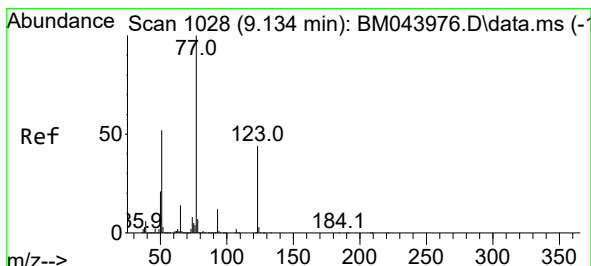
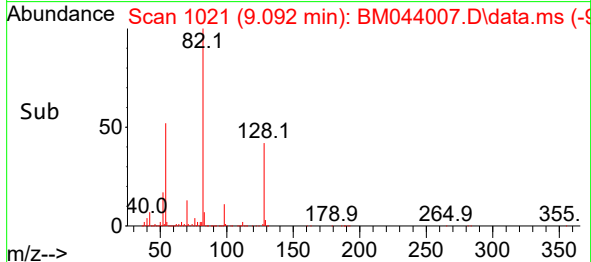
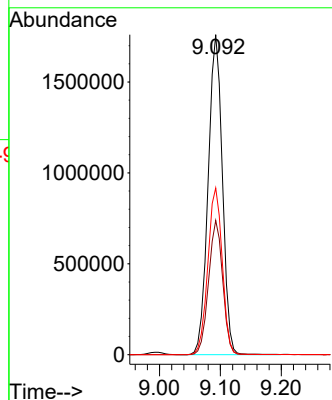
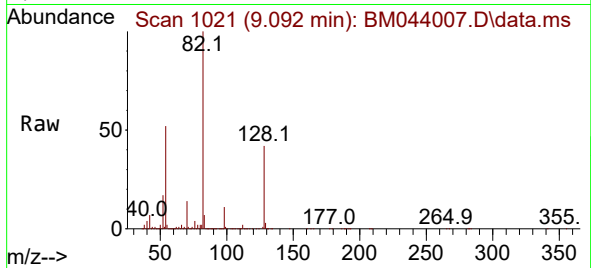




#23
Nitrobenzene-d5
Concen: 59.188 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

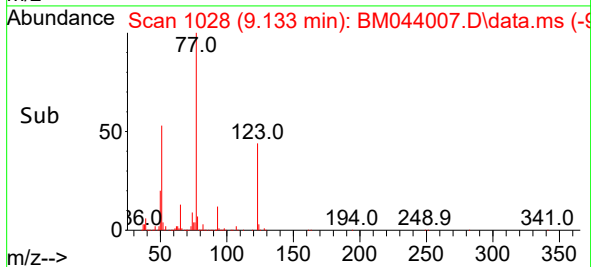
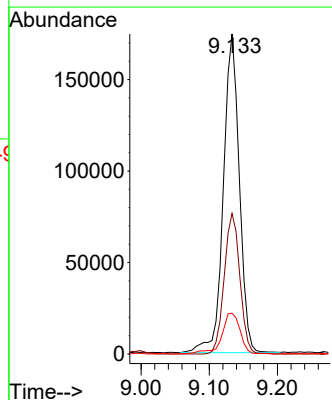
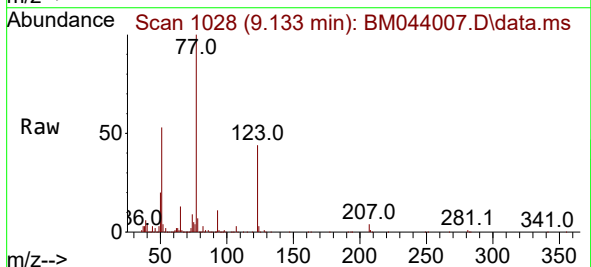
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

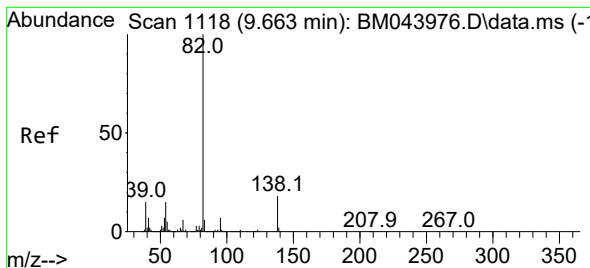
Tgt Ion: 82 Resp: 2855259
Ion Ratio Lower Upper
82 100
128 41.9 33.9 50.9
54 52.1 41.1 61.7



#24
Nitrobenzene
Concen: 5.883 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 77 Resp: 284736
Ion Ratio Lower Upper
77 100
123 43.9 35.3 52.9
65 12.7 10.9 16.3





#25

Isophorone

Concen: 5.864 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

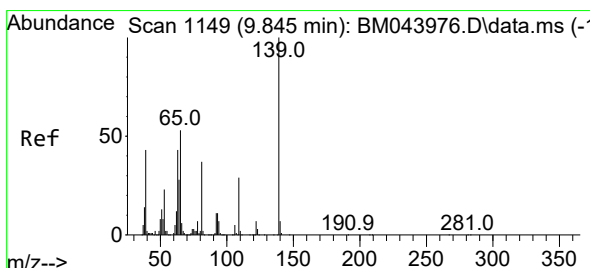
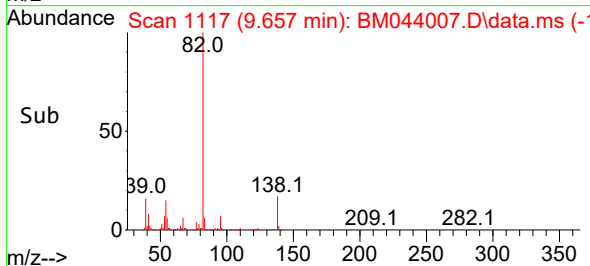
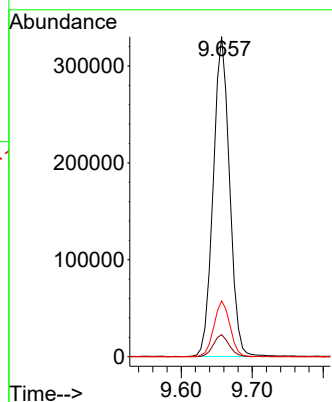
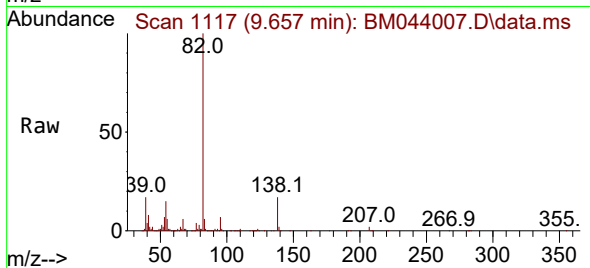
Tgt Ion: 82 Resp: 526562

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 17.4 14.2 21.2



#26

2-Nitrophenol

Concen: 5.147 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

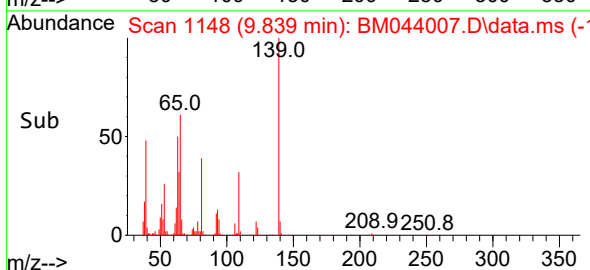
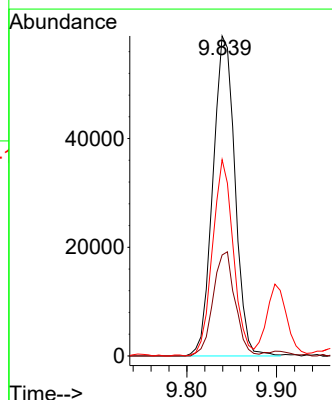
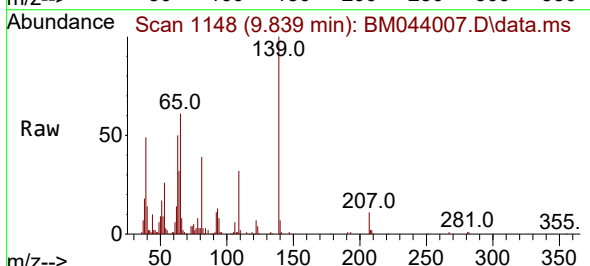
Tgt Ion:139 Resp: 100694

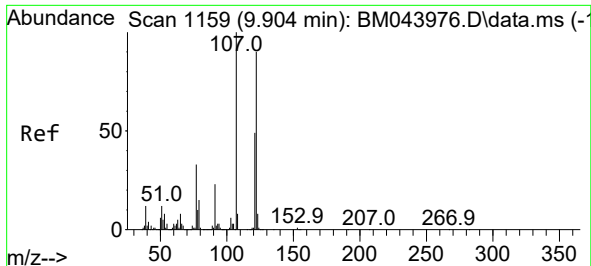
Ion Ratio Lower Upper

139 100

109 31.5 23.3 34.9

65 61.4 42.5 63.7

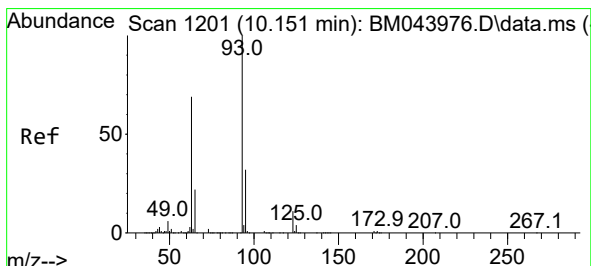
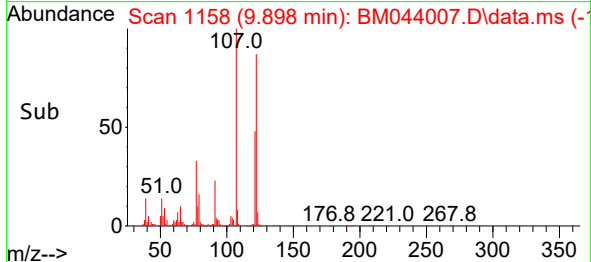
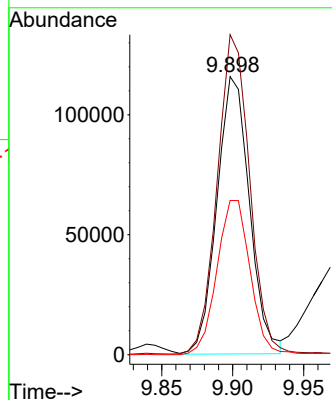
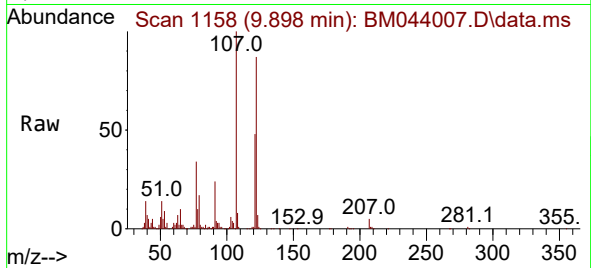




#27
2,4-Dimethylphenol
Concen: 6.872 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

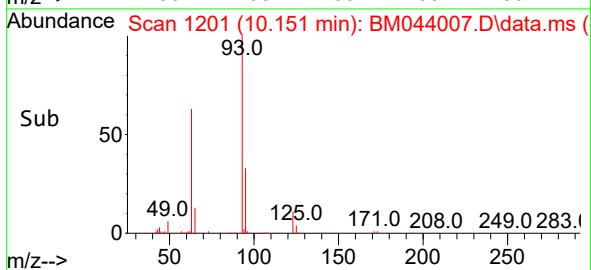
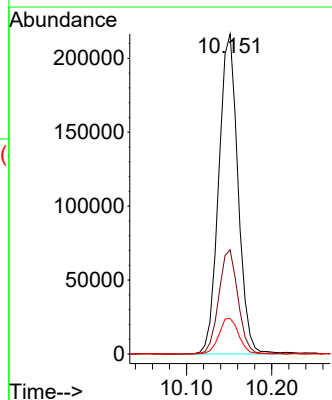
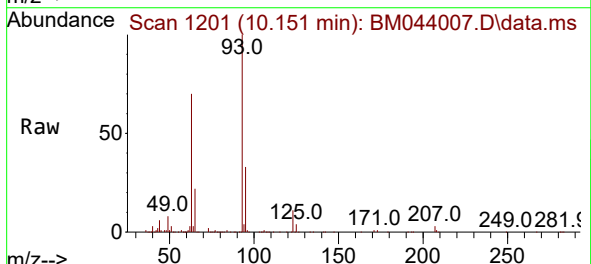
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

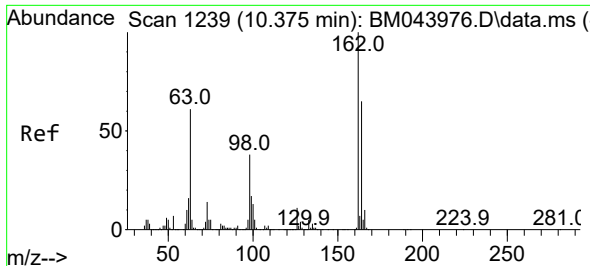
Tgt Ion:122 Resp: 184587
Ion Ratio Lower Upper
122 100
107 115.0 89.0 133.4
121 55.5 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.186 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 93 Resp: 339258
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.618 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM044007.D

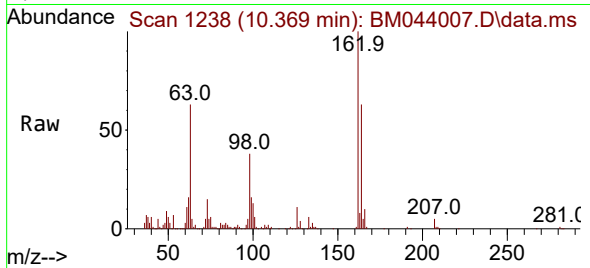
Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



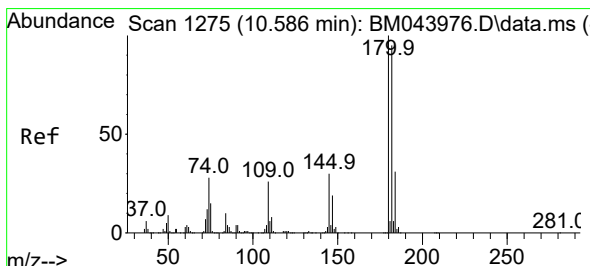
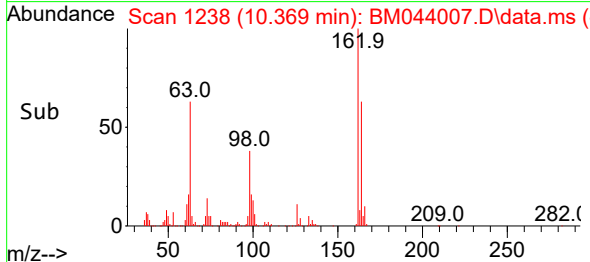
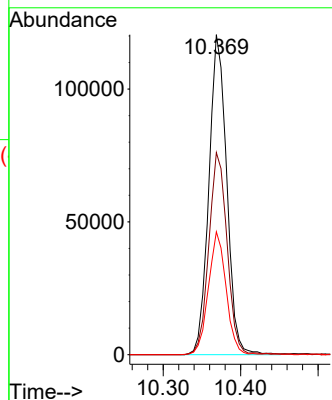
Tgt Ion:162 Resp: 192466

Ion Ratio Lower Upper

162 100

164 63.1 45.1 85.1

98 38.4 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 5.814 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

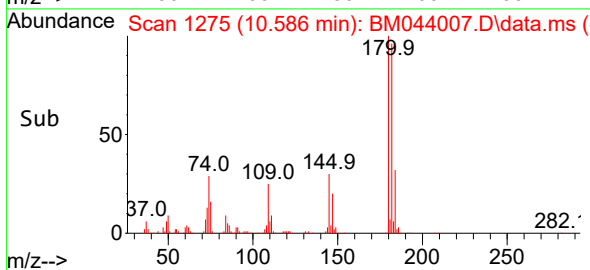
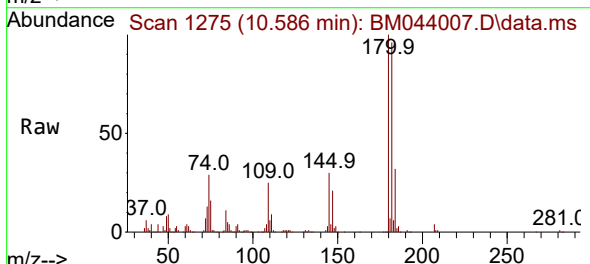
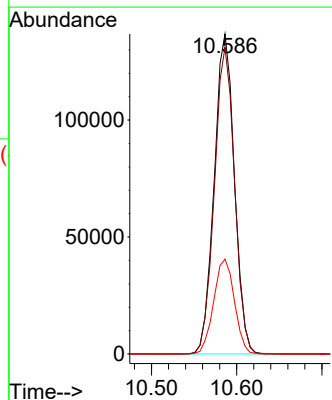
Tgt Ion:180 Resp: 224982

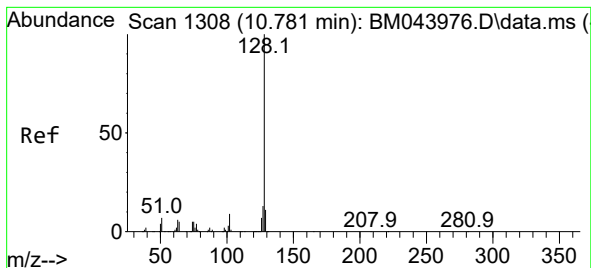
Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 29.6 24.2 36.2





#31

Naphthalene

Concen: 5.774 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

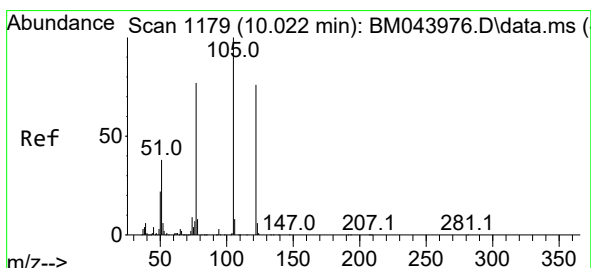
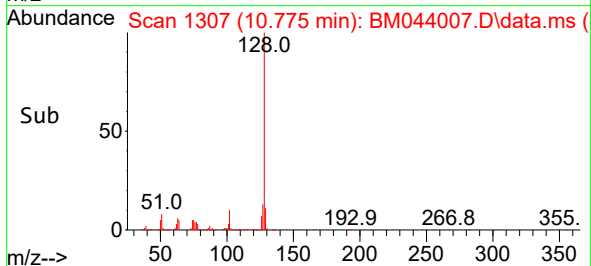
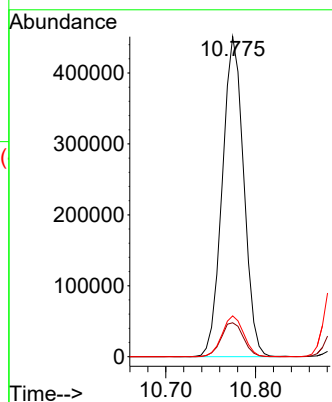
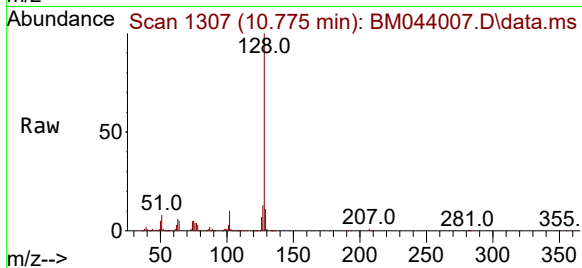
Tgt Ion:128 Resp: 748448

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.8 10.1 15.1



#32

Benzoic acid

Concen: 9.406 ng

RT: 9.975 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

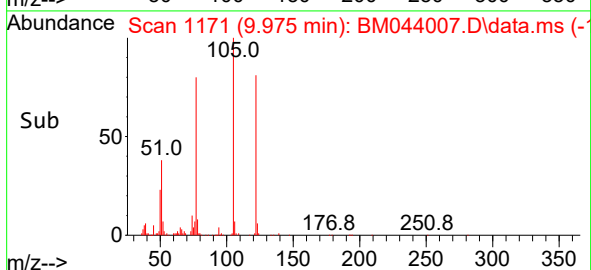
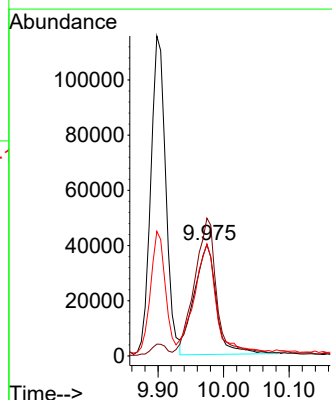
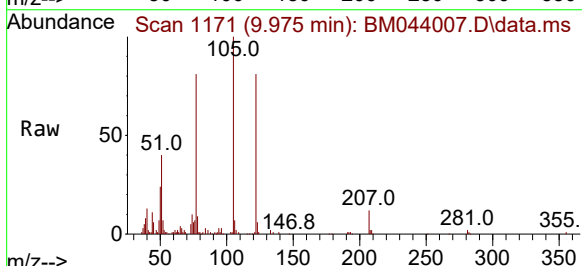
Tgt Ion:122 Resp: 93473

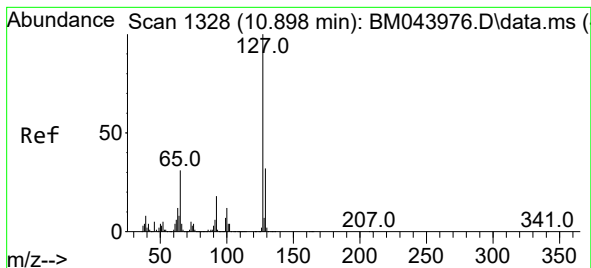
Ion Ratio Lower Upper

122 100

105 123.7 109.4 149.4

77 100.7 80.5 120.5





#33

4-Chloroaniline

Concen: 6.097 ng

RT: 10.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:127 Resp: 324807

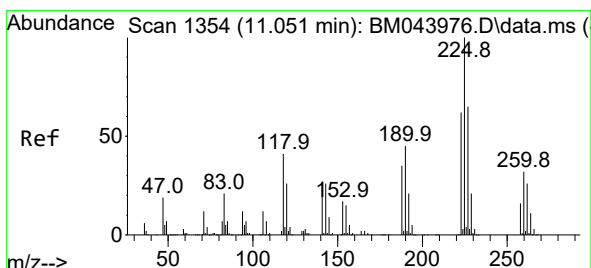
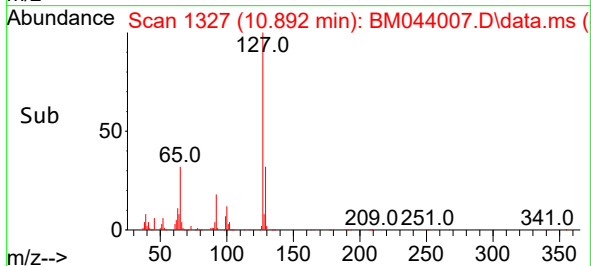
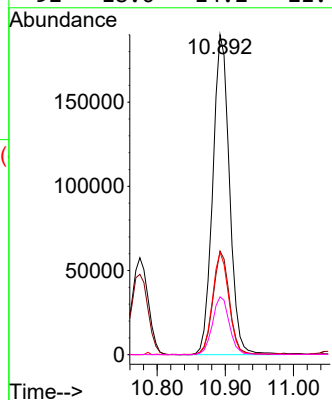
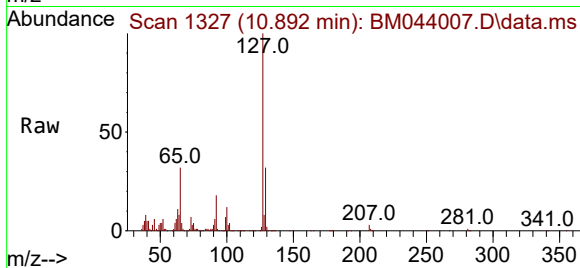
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 32.0 24.5 36.7

92 18.0 14.2 21.4



#34

Hexachlorobutadiene

Concen: 5.989 ng

RT: 11.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

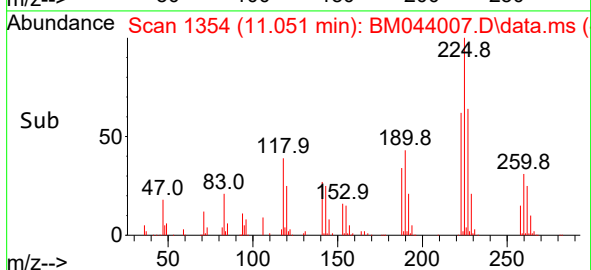
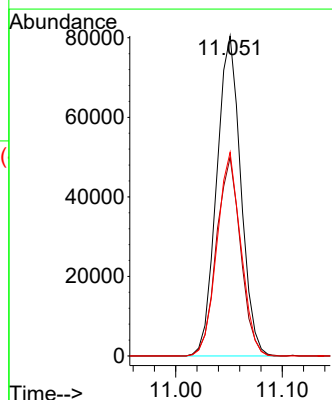
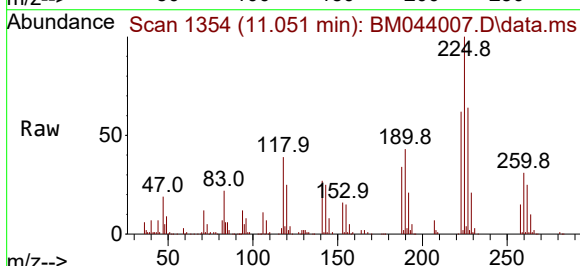
Tgt Ion:225 Resp: 126389

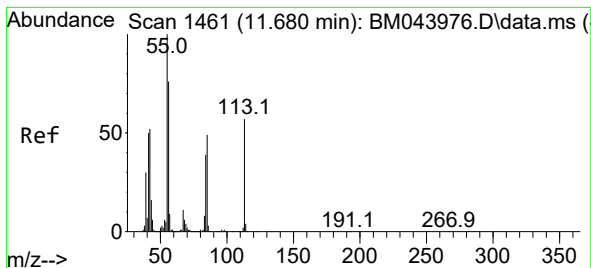
Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.8

227 63.6 51.7 77.5

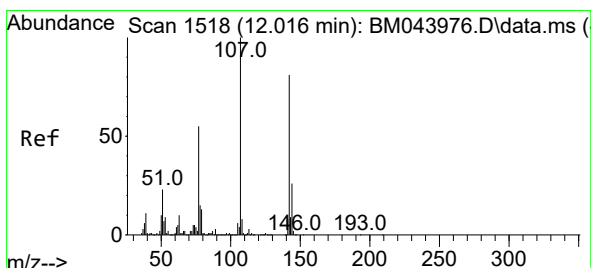
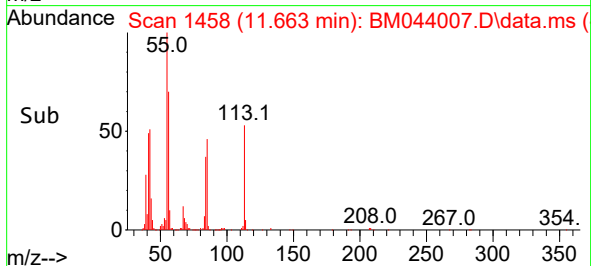
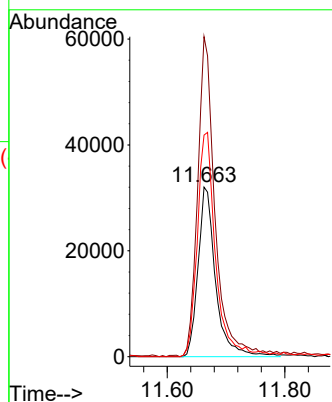
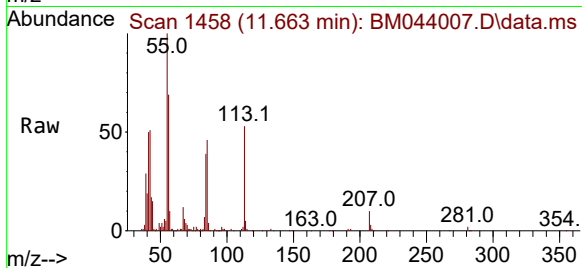




#35
Caprolactam
Concen: 4.738 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

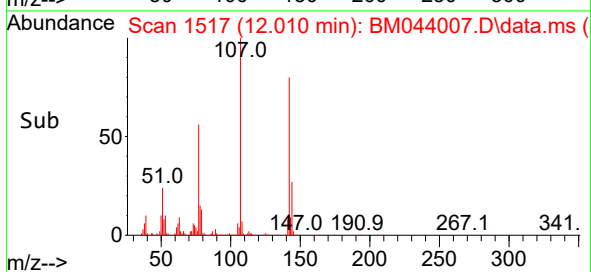
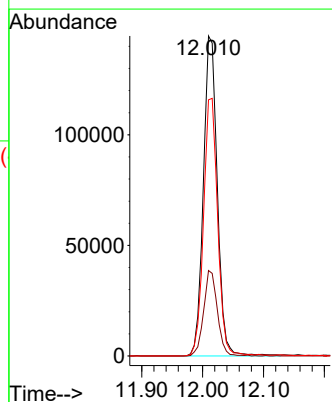
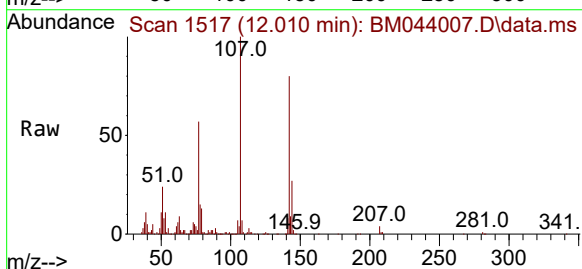
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

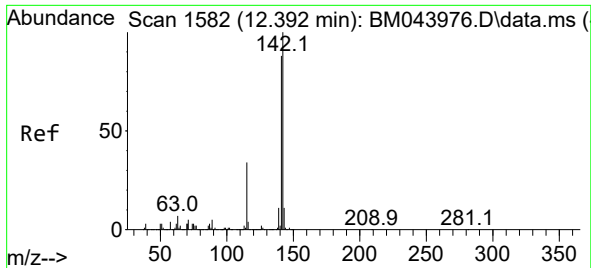
Tgt Ion:113 Resp: 66571
Ion Ratio Lower Upper
113 100
55 188.6 154.3 194.3
56 130.7 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 5.488 ng
RT: 12.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:107 Resp: 230235
Ion Ratio Lower Upper
107 100
144 26.7 21.1 31.7
142 80.1 65.0 97.4

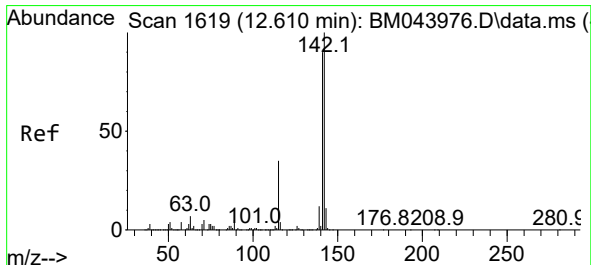
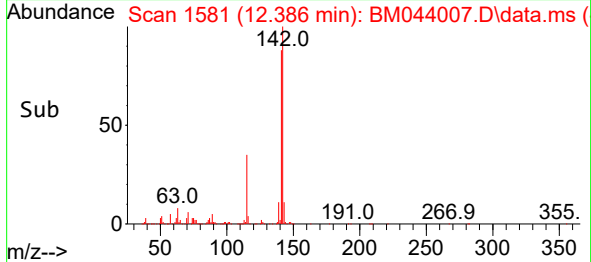
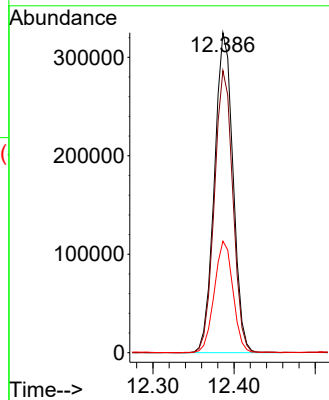
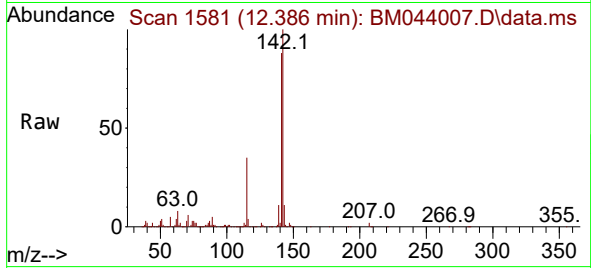




#37
2-Methylnaphthalene
Concen: 5.740 ng
RT: 12.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

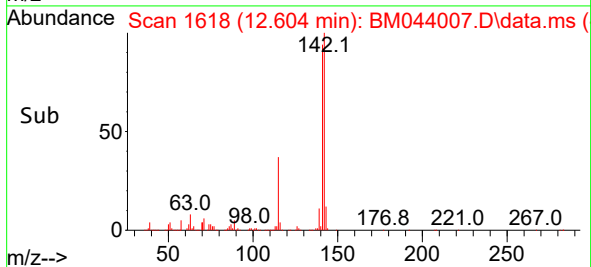
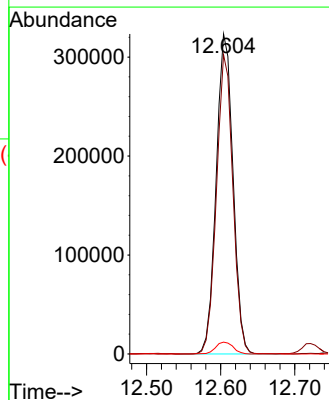
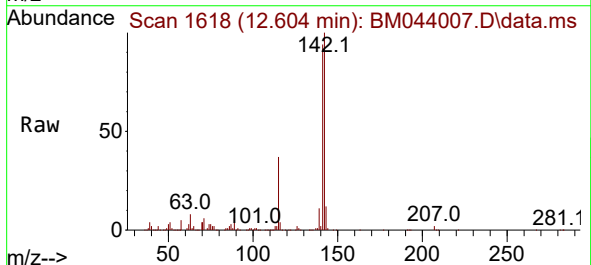
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

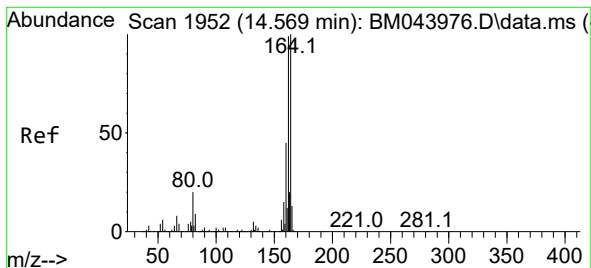
Tgt Ion:142 Resp: 518871
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2
115 34.8 27.2 40.8



#38
1-Methylnaphthalene
Concen: 5.652 ng
RT: 12.604 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:142 Resp: 509967
Ion Ratio Lower Upper
142 100
141 93.5 72.1 108.1
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.007 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

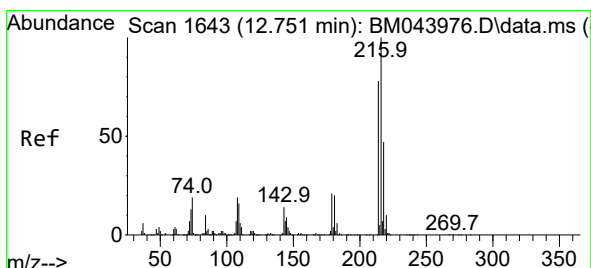
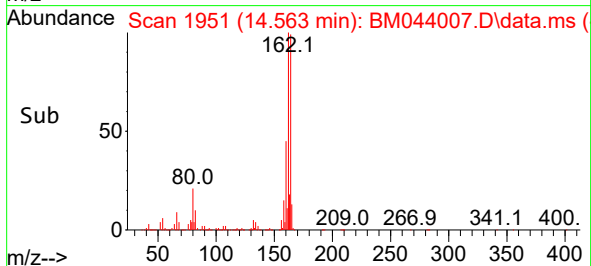
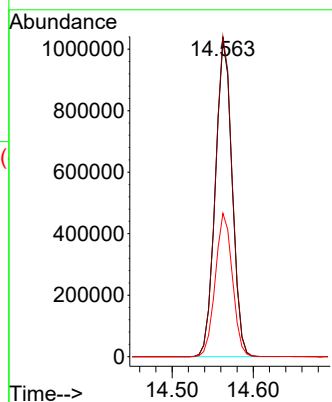
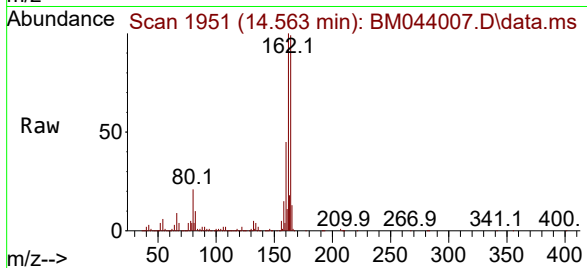
Tgt Ion:164 Resp: 1478396

Ion Ratio Lower Upper

164 100

162 101.4 79.0 118.4

160 45.4 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.061 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Tgt Ion:216 Resp: 254148

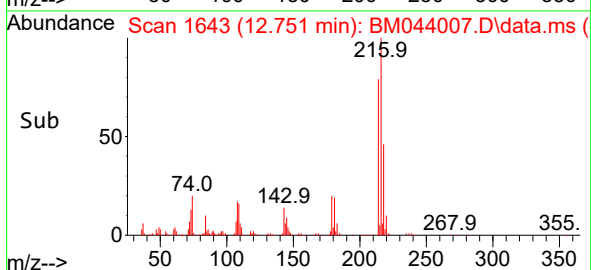
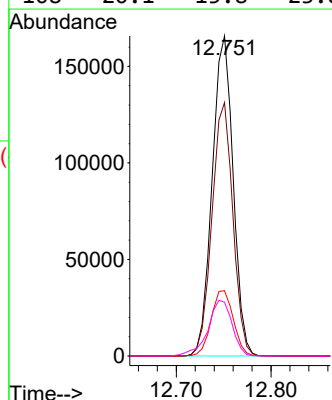
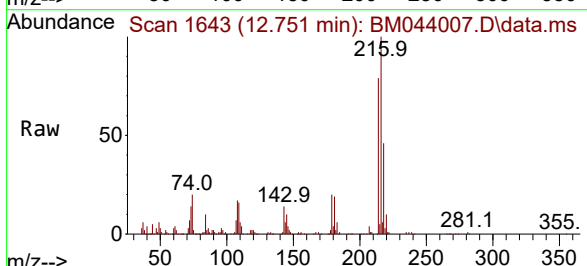
Ion Ratio Lower Upper

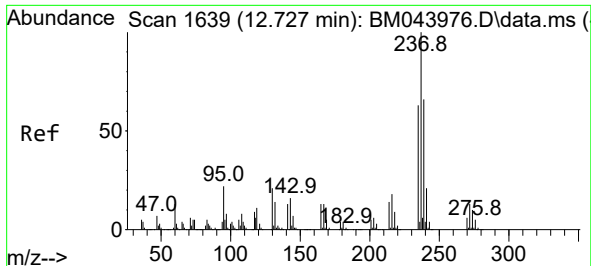
216 100

214 79.2 62.6 94.0

179 21.6 16.7 25.1

108 20.1 15.8 23.8

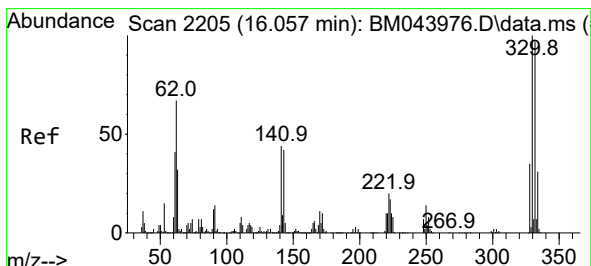
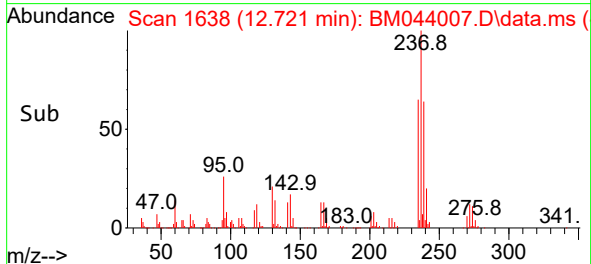
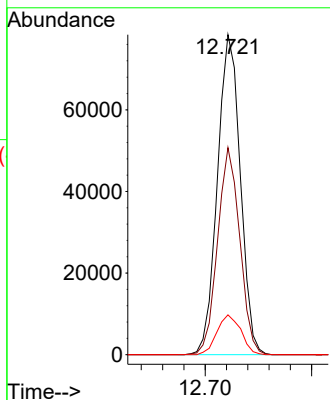
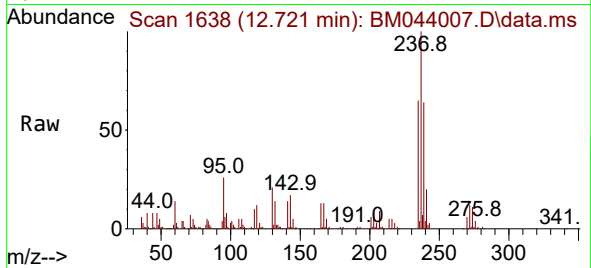




#41
Hexachlorocyclopentadiene
Concen: 8.475 ng
RT: 12.721 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

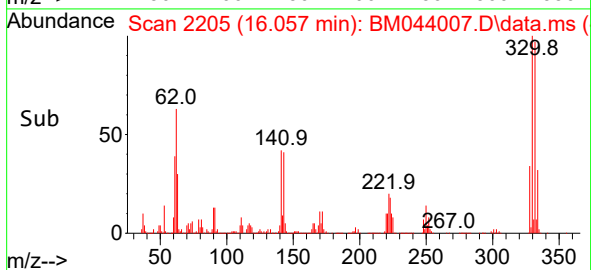
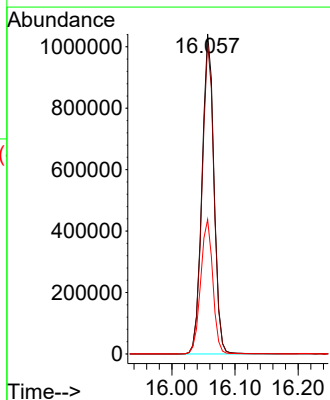
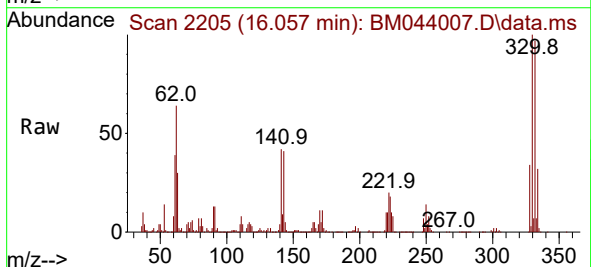
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

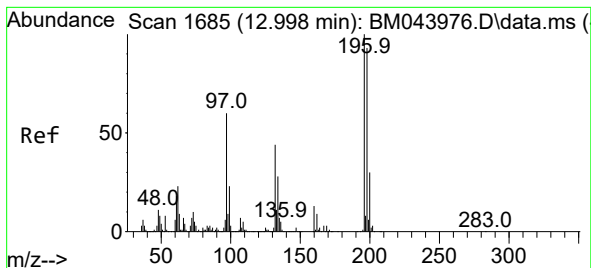
Tgt Ion:237 Resp: 116870
Ion Ratio Lower Upper
237 100
235 64.7 43.5 83.5
272 12.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 76.303 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:330 Resp: 1375093
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 42.4 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 5.408 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

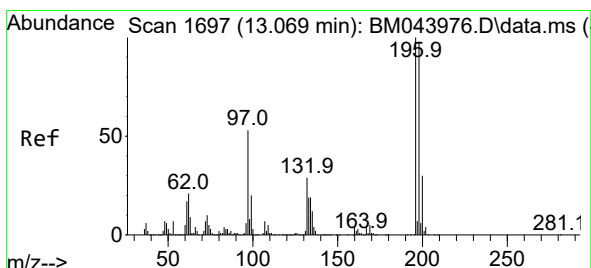
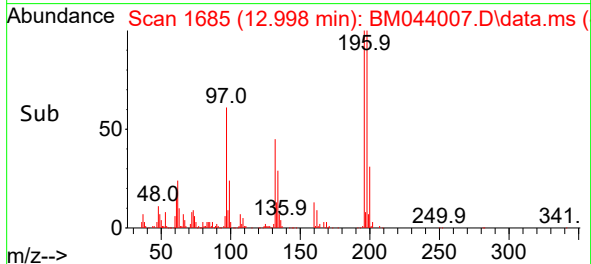
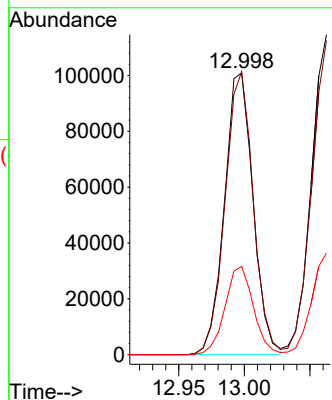
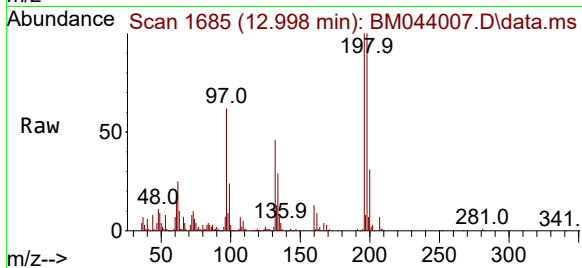
Tgt Ion:196 Resp: 153255

Ion Ratio Lower Upper

196 100

198 100.5 74.2 111.2

200 31.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 5.432 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Tgt Ion:196 Resp: 175604

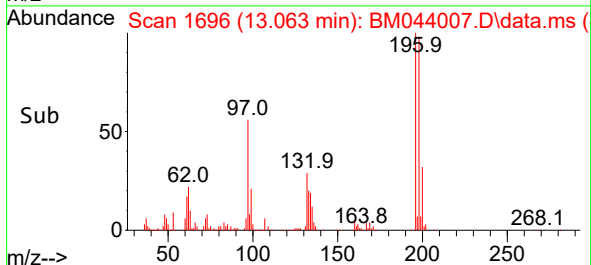
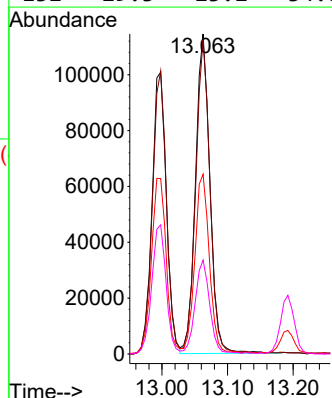
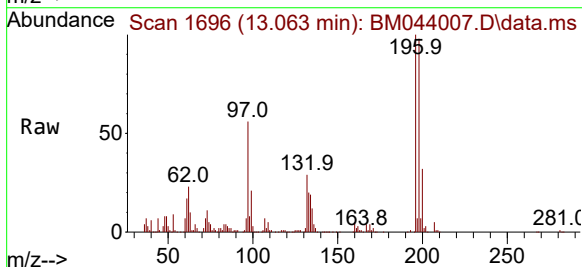
Ion Ratio Lower Upper

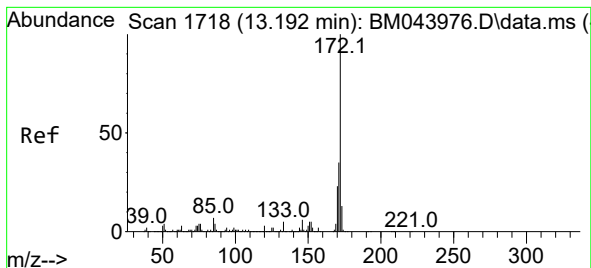
196 100

198 98.2 78.1 117.1

97 56.1 42.2 63.2

132 29.3 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 61.379 ng

RT: 13.192 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

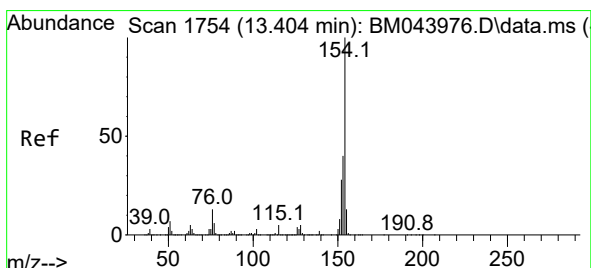
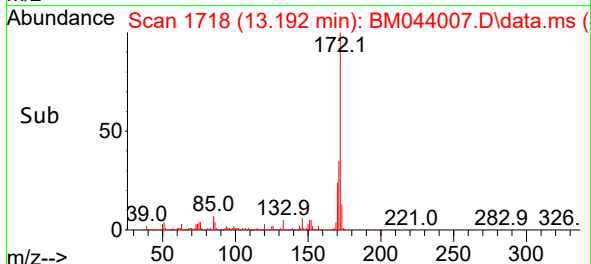
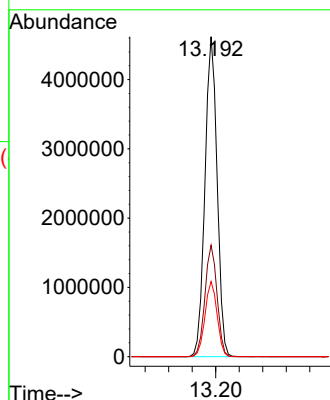
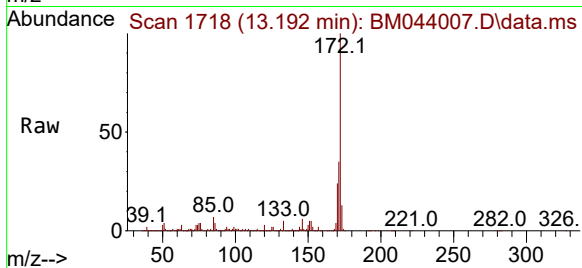
Tgt Ion:172 Resp: 6603960

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 6.146 ng

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

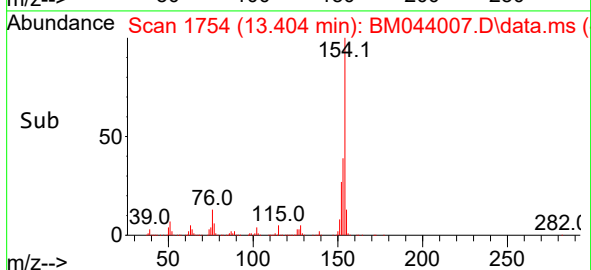
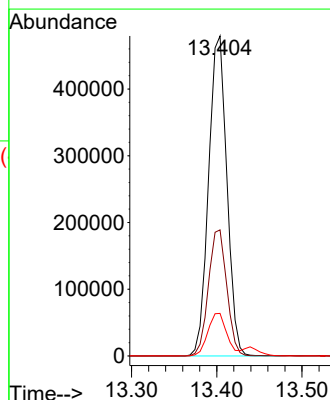
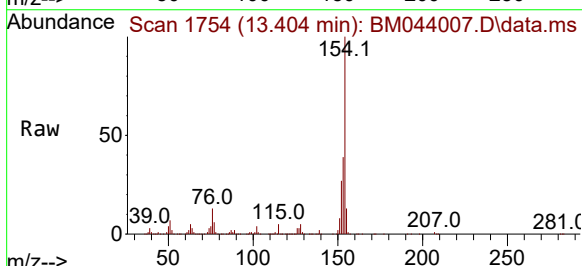
Tgt Ion:154 Resp: 714509

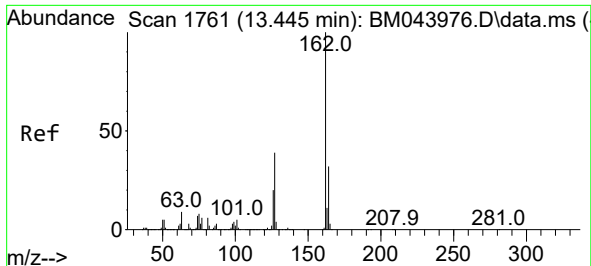
Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

76 13.3 0.0 33.0

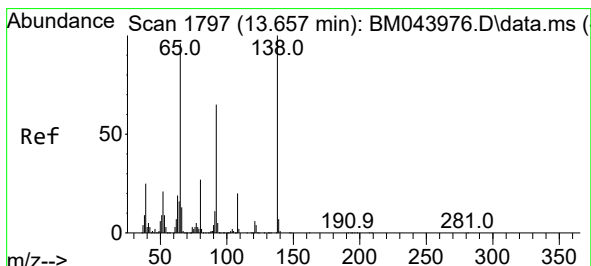
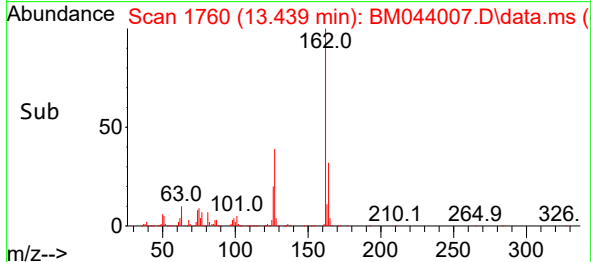
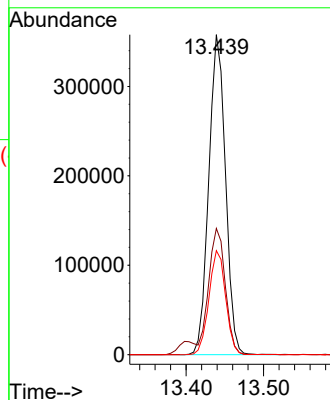
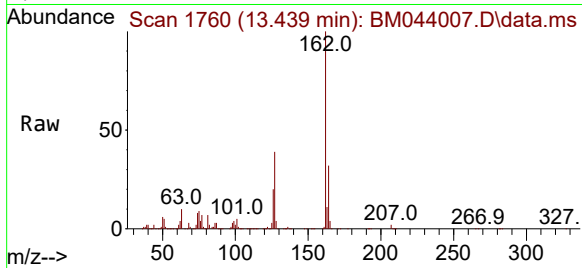




#47
2-Chloronaphthalene
Concen: 5.775 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

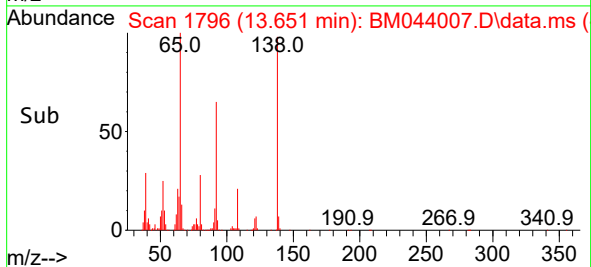
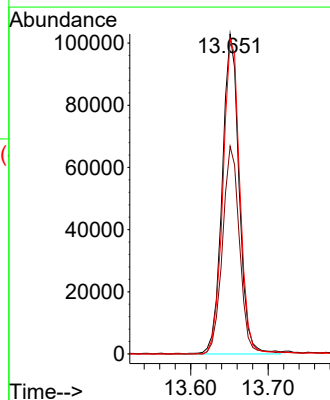
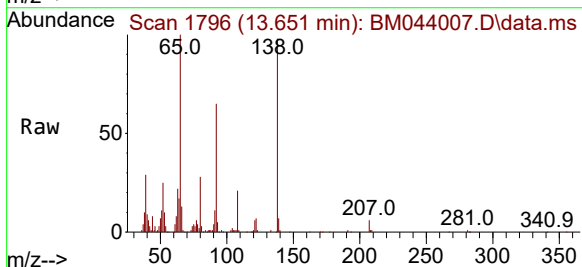
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

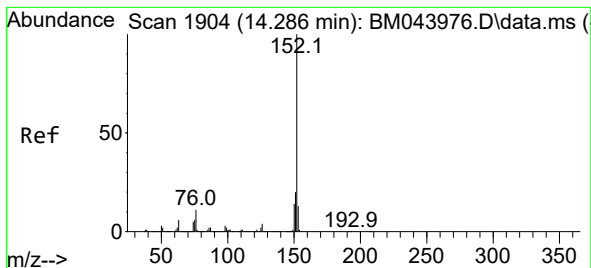
Tgt Ion:162 Resp: 535438
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.6
164 32.5 25.8 38.6



#48
2-Nitroaniline
Concen: 5.193 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion: 65 Resp: 156595
Ion Ratio Lower Upper
65 100
92 64.9 53.6 80.4
138 98.4 83.0 124.6





#49

Acenaphthylene

Concen: 6.188 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

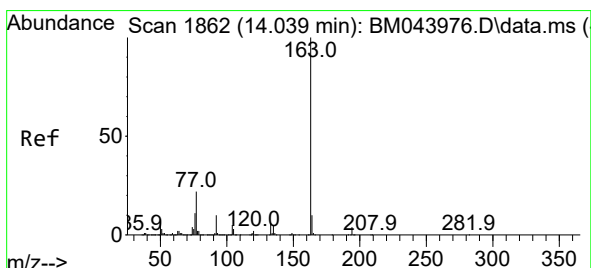
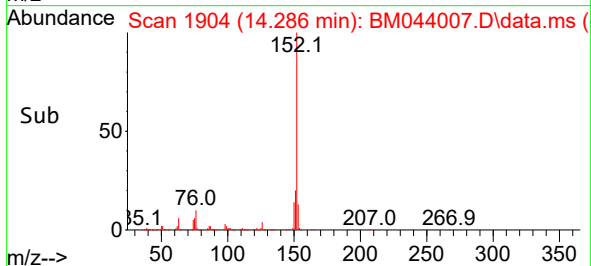
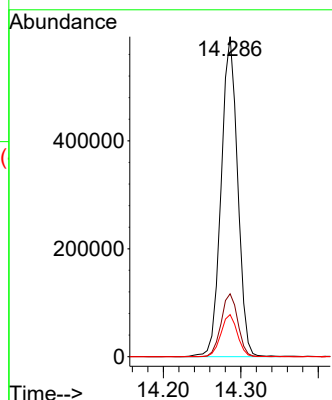
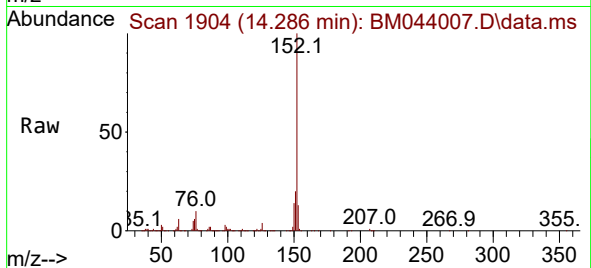
Tgt Ion:152 Resp: 877028

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 6.005 ng

RT: 14.033 min Scan# 1861

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

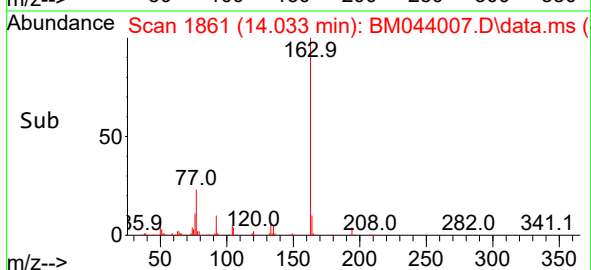
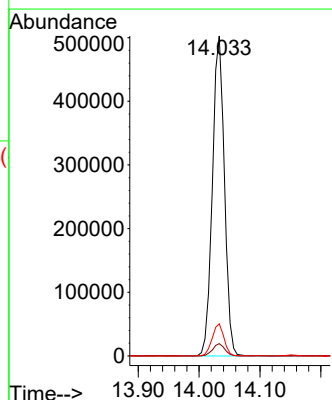
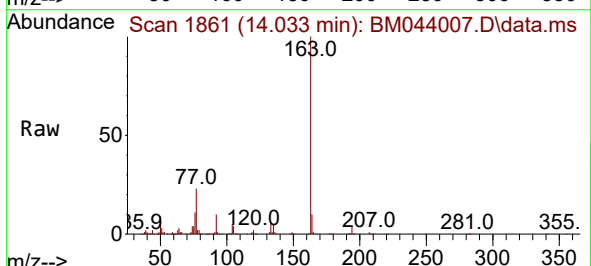
Tgt Ion:163 Resp: 689554

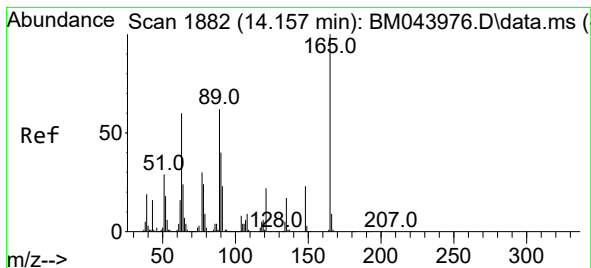
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.0 12.0

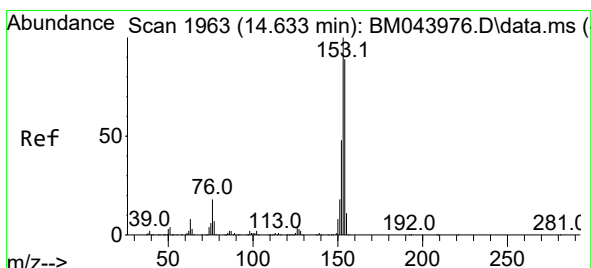
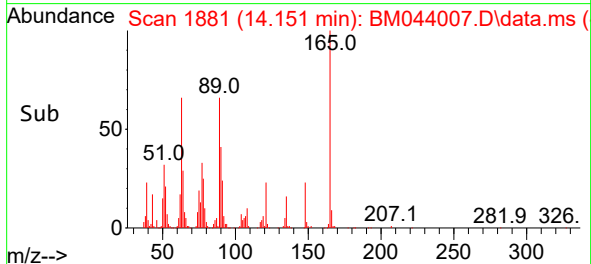
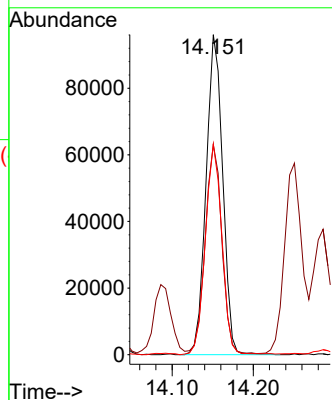
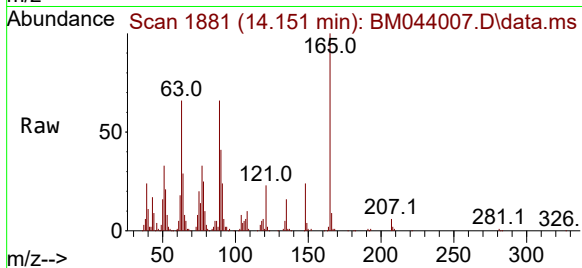




#51
2,6-Dinitrotoluene
Concen: 5.394 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

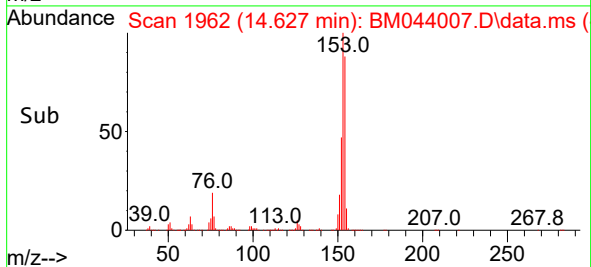
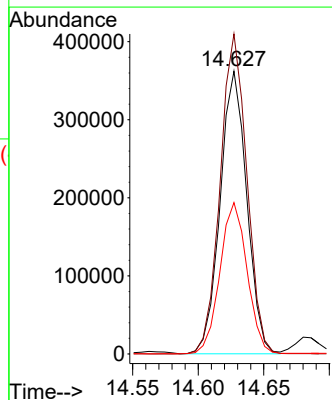
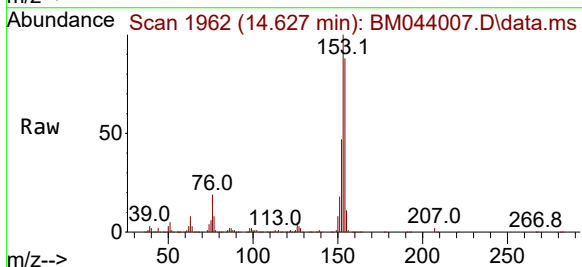
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

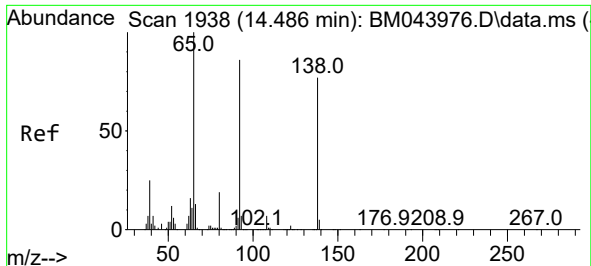
Tgt Ion:165 Resp: 136155
Ion Ratio Lower Upper
165 100
63 65.7 51.1 76.7
89 65.7 49.5 74.3



#52
Acenaphthene
Concen: 5.682 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:154 Resp: 510524
Ion Ratio Lower Upper
154 100
153 113.2 90.1 135.1
152 53.6 43.6 65.4

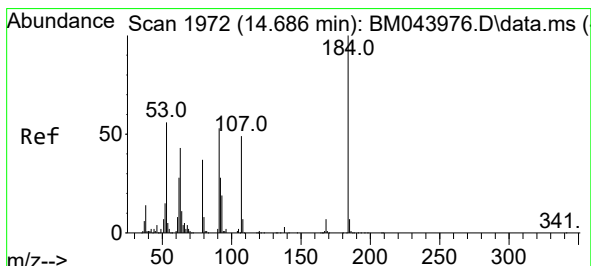
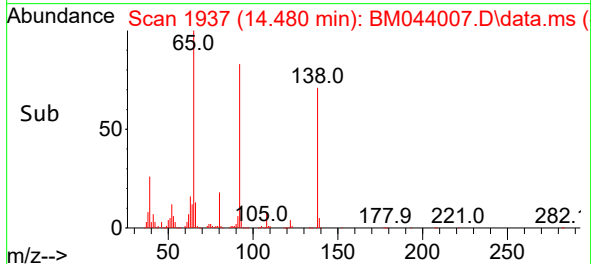
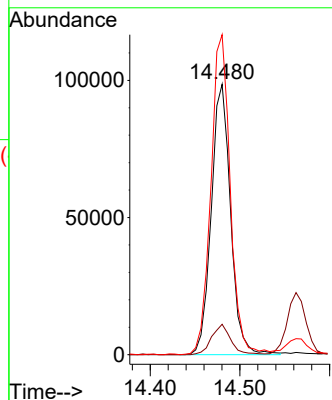
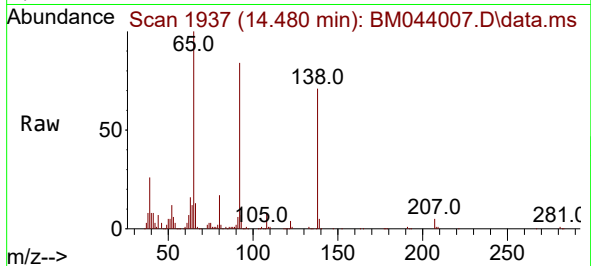




#53
3-Nitroaniline
Concen: 5.034 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

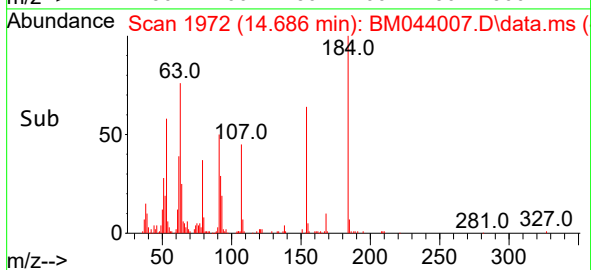
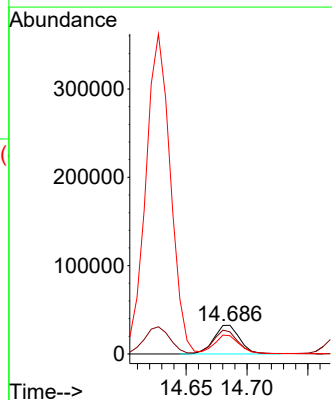
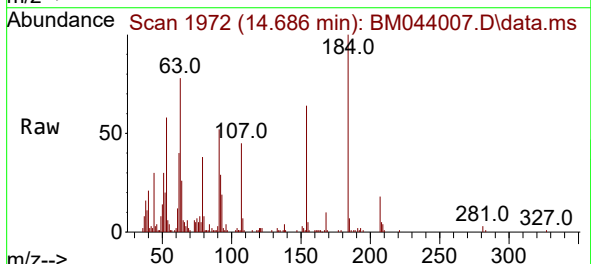
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

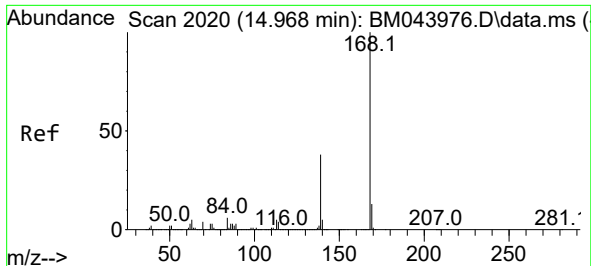
Tgt Ion:138 Resp: 147527
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 118.3 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 10.187 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:184 Resp: 47727
Ion Ratio Lower Upper
184 100
63 77.5 62.8 94.2
154 64.0 51.4 77.2

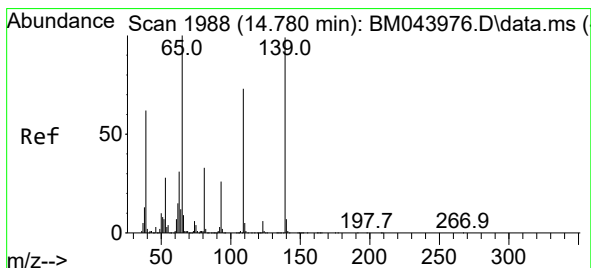
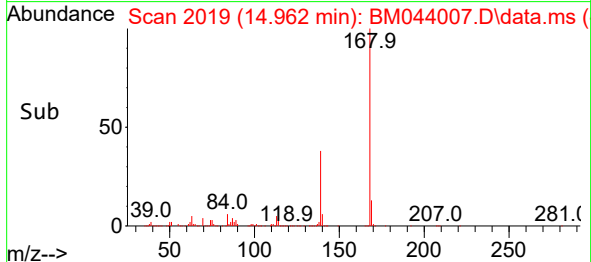
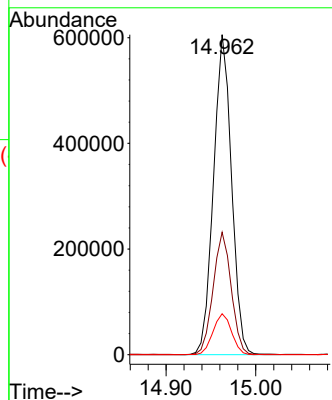
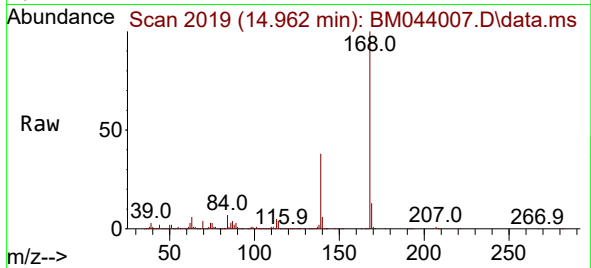




#55
Dibenzenofuran
Concen: 6.048 ng
RT: 14.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

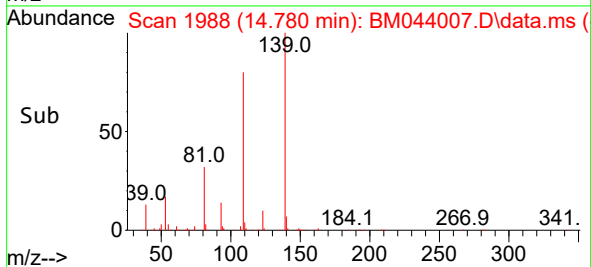
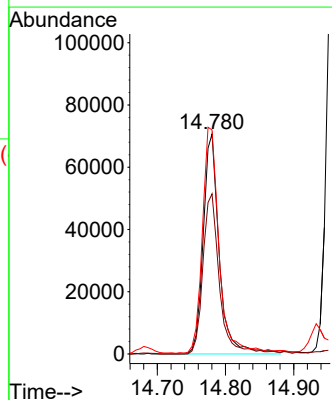
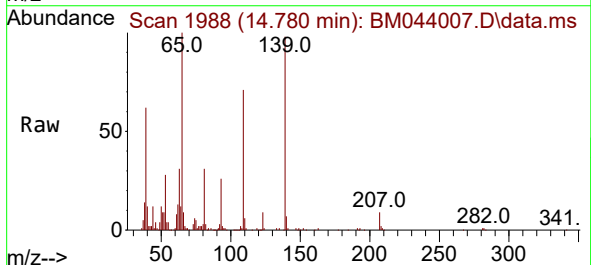
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

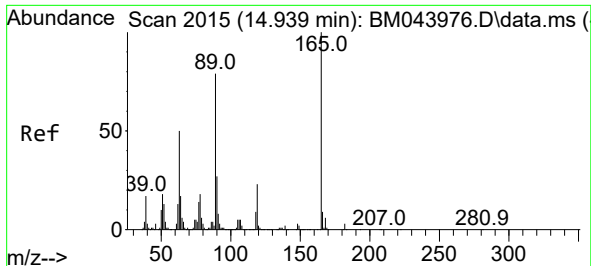
Tgt Ion:168 Resp: 845612
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 12.8 10.5 15.7



#56
4-Nitrophenol
Concen: 4.508 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:139 Resp: 115439
Ion Ratio Lower Upper
139 100
109 72.7 53.2 93.2
65 101.8 80.7 120.7

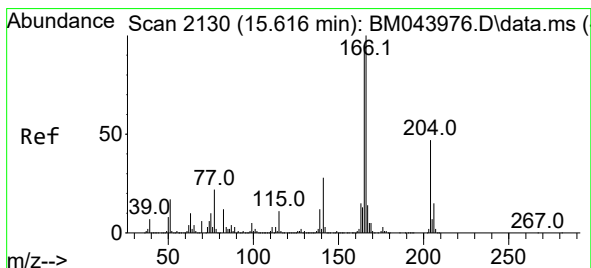
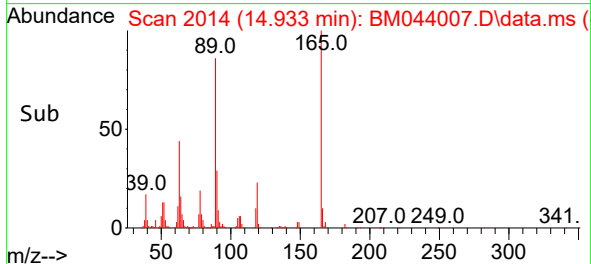
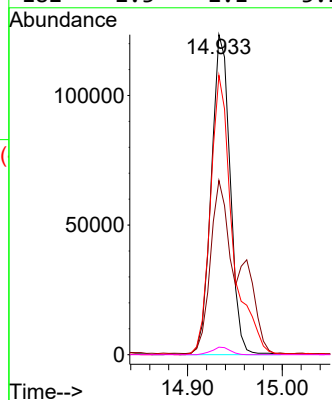
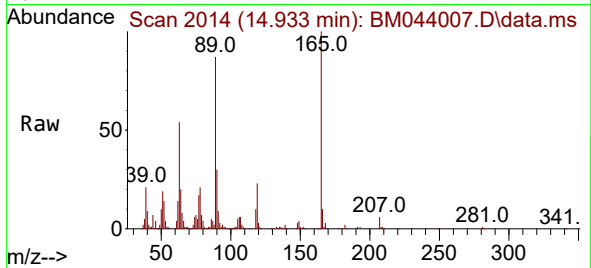




#57
2,4-Dinitrotoluene
Concen: 4.866 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

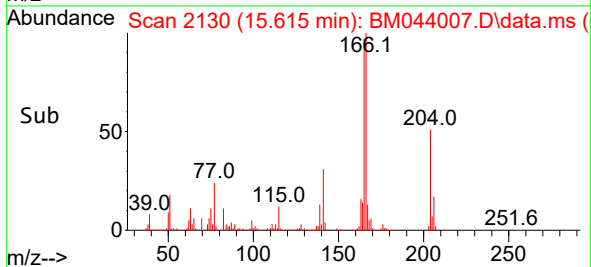
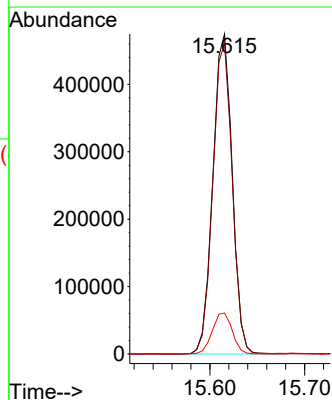
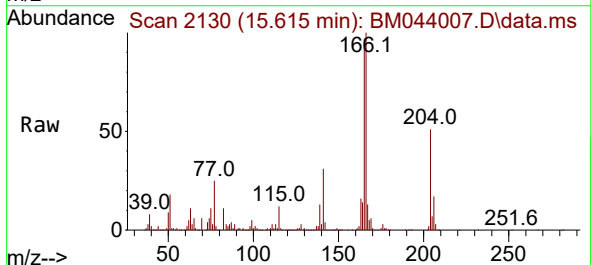
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

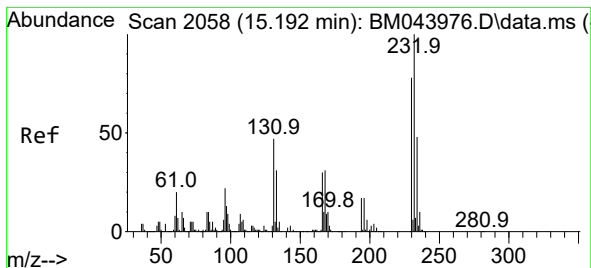
Tgt Ion:165 Resp: 170967
Ion Ratio Lower Upper
165 100
63 54.4 40.2 60.4
89 87.3 63.3 94.9
182 2.3 2.1 3.1



#58
Fluorene
Concen: 5.705 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:166 Resp: 673662
Ion Ratio Lower Upper
166 100
165 97.1 76.3 114.5
167 12.8 10.9 16.3

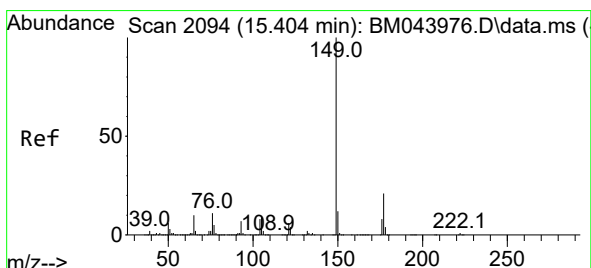
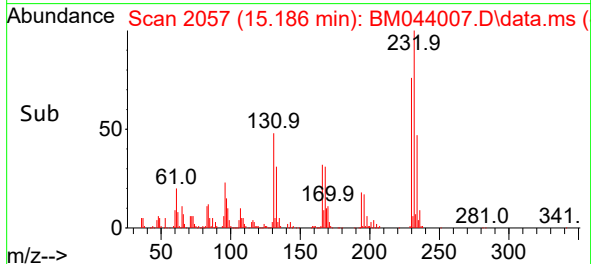
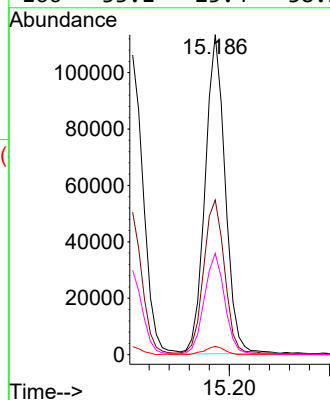
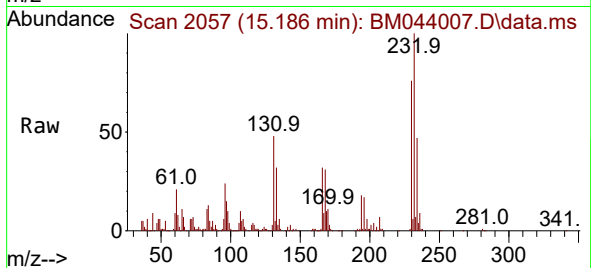




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.636 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

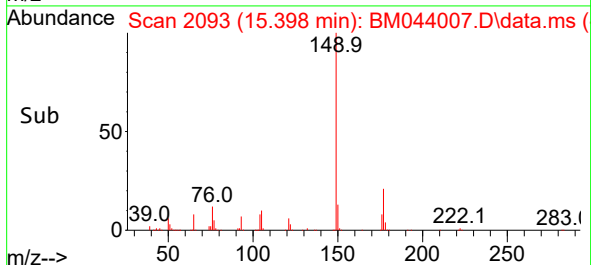
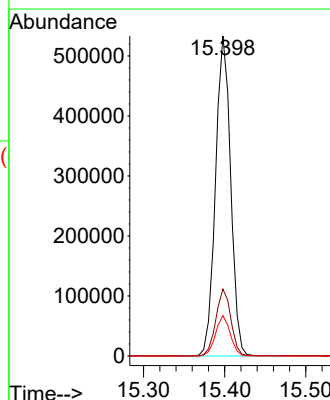
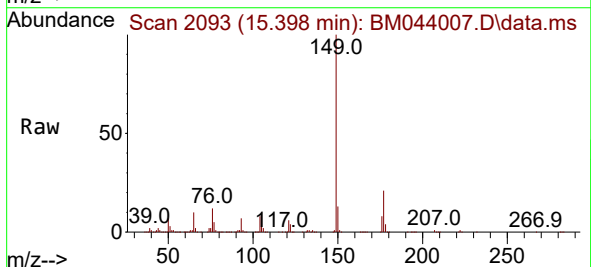
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

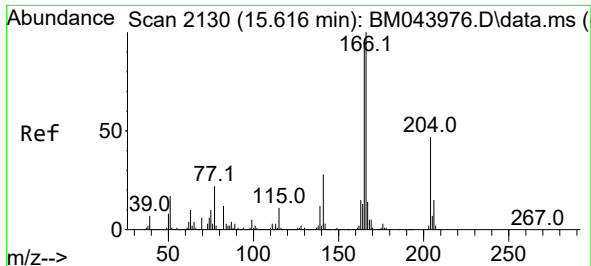
Tgt Ion:232 Resp: 157070
Ion Ratio Lower Upper
232 100
131 51.6 39.8 59.6
130 2.6 2.0 3.0
166 33.1 25.4 38.2



#60
Diethylphthalate
Concen: 5.814 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:149 Resp: 691104
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.6 9.8 14.6

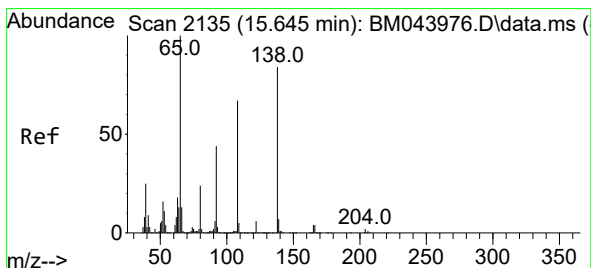
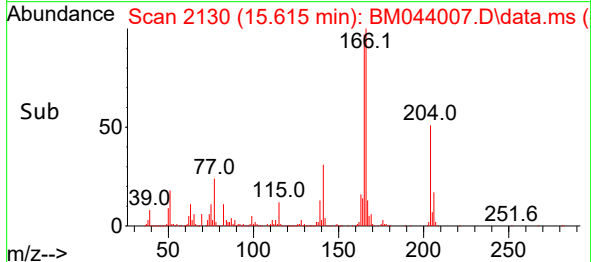
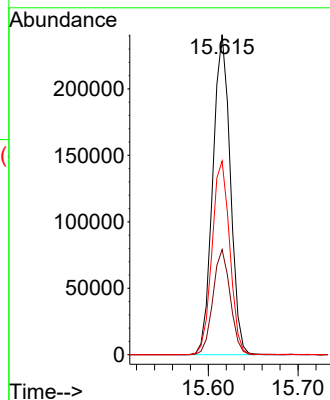
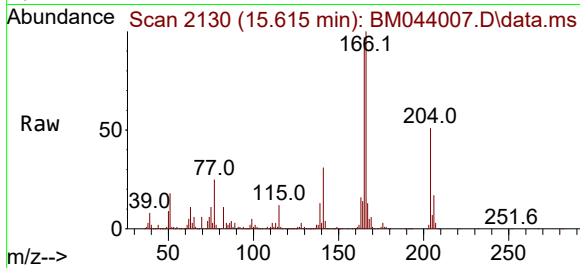




#61
4-Chlorophenyl-phenylether
Concen: 5.928 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

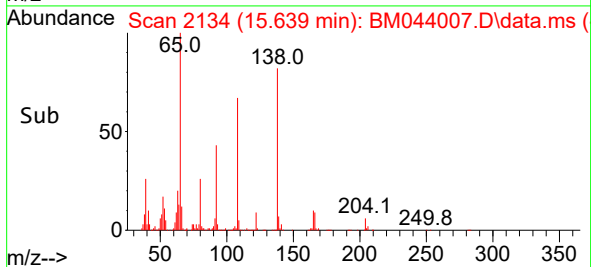
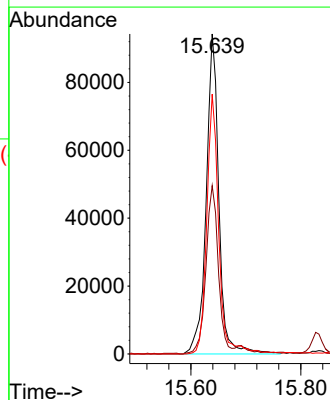
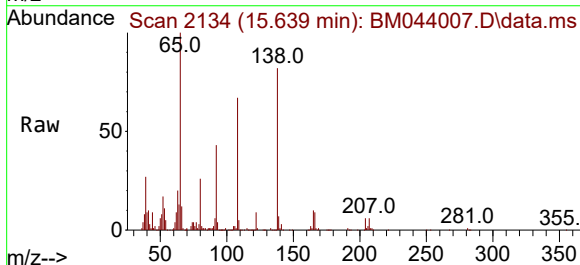
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

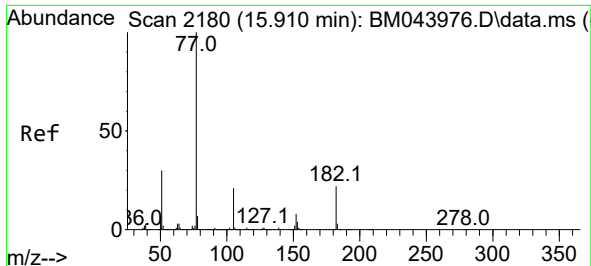
Tgt Ion:204 Resp: 326539
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 60.5 48.6 72.8



#62
4-Nitroaniline
Concen: 4.702 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:138 Resp: 150638
Ion Ratio Lower Upper
138 100
92 52.6 32.7 72.7
108 81.2 60.0 100.0

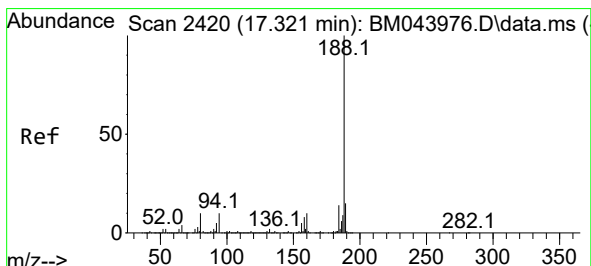
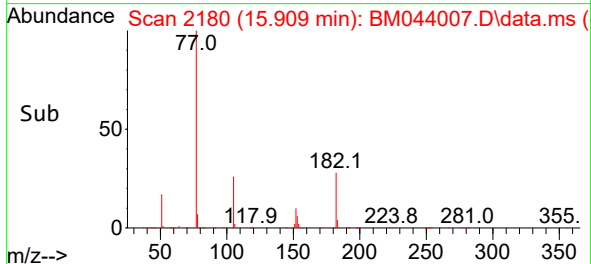
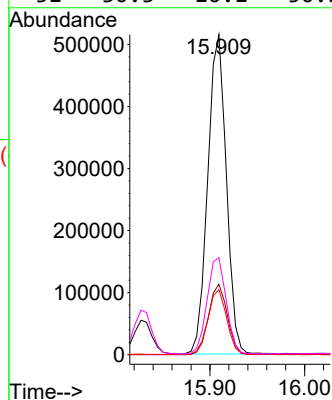
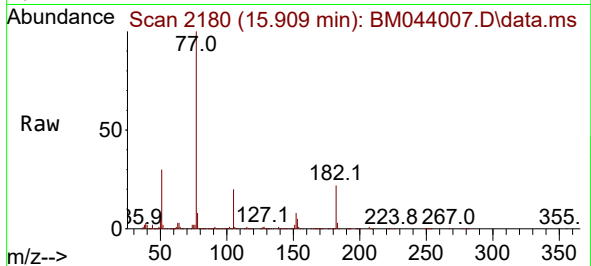




#63
Azobenzene
Concen: 5.901 ng
RT: 15.909 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

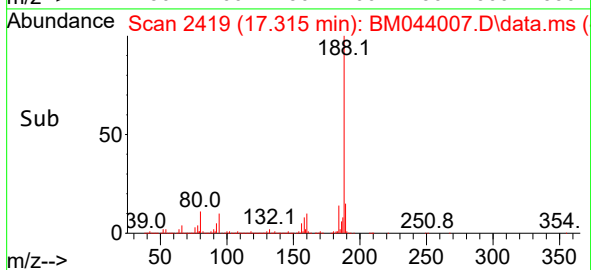
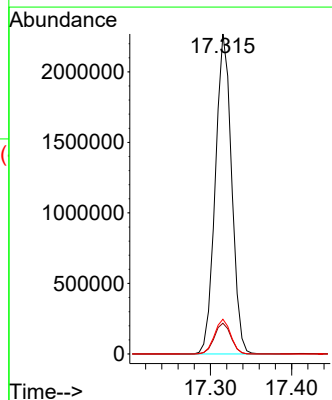
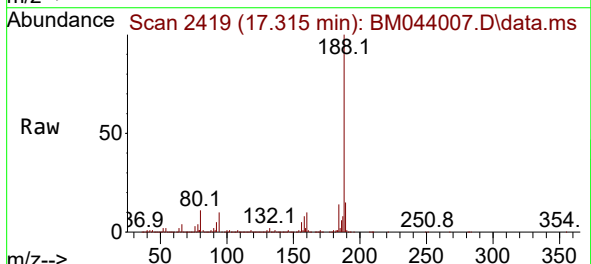
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

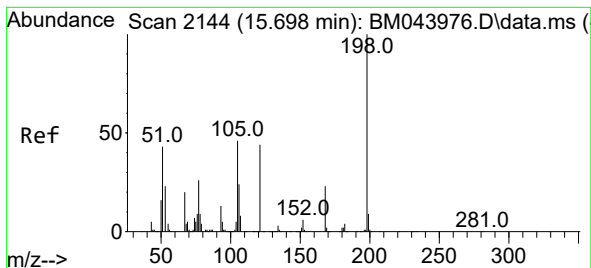
Tgt Ion: 77 Resp: 700653
Ion Ratio Lower Upper
77 100
182 22.0 2.0 42.0
105 20.3 0.5 40.5
51 30.3 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:188 Resp: 3164475
Ion Ratio Lower Upper
188 100
94 9.6 7.7 11.5
80 10.8 8.2 12.4

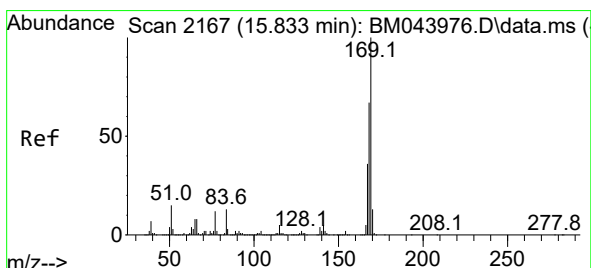
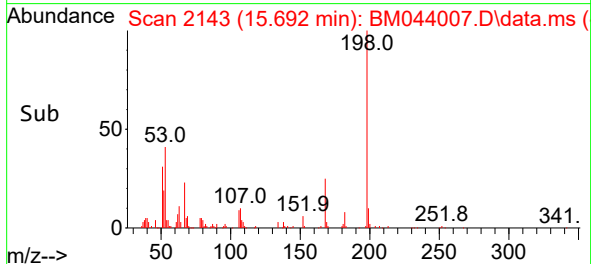
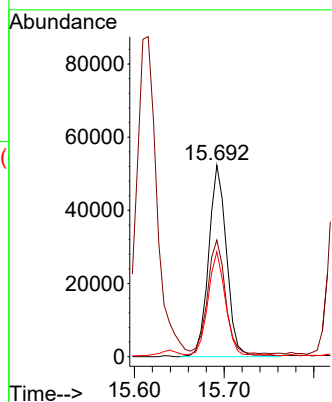
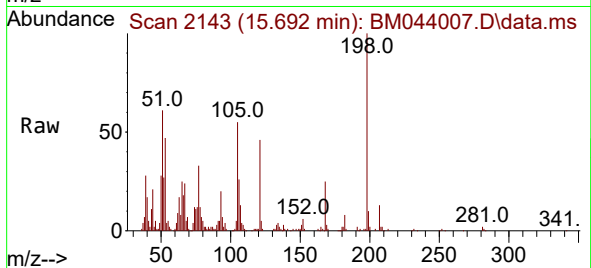




#65
4,6-Dinitro-2-methylphenol
Concen: 9.438 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

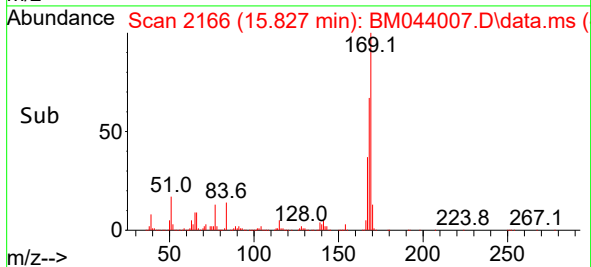
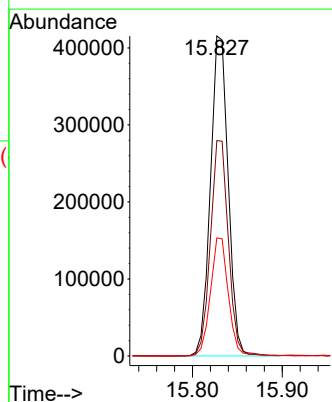
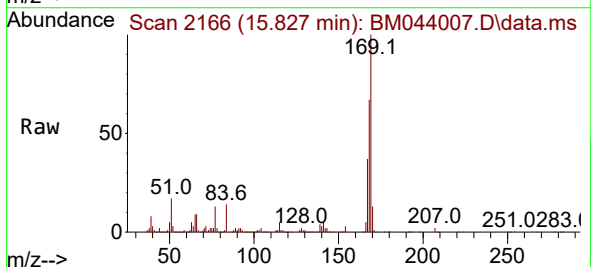
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

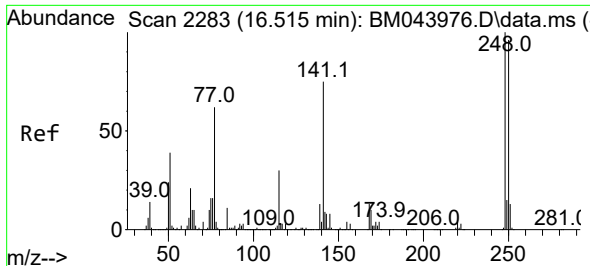
Tgt Ion:198 Resp: 72716
Ion Ratio Lower Upper
198 100
51 61.0 31.9 71.9
105 54.8 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 6.072 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:169 Resp: 572409
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.9 29.0 43.4

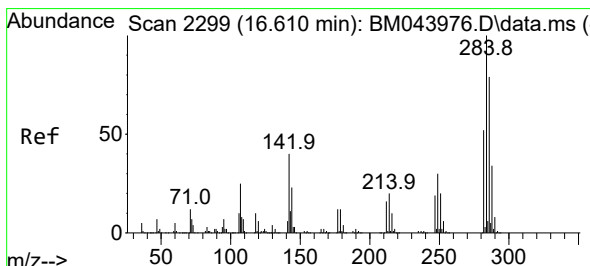
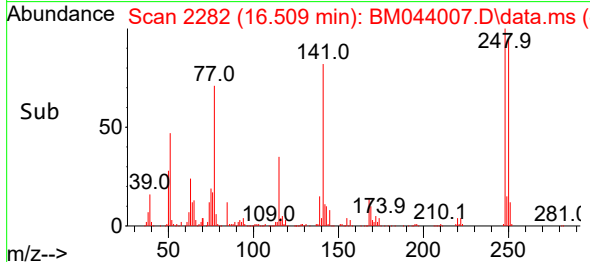
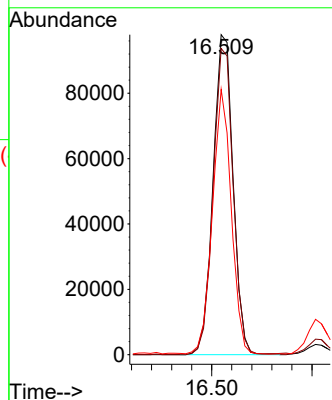
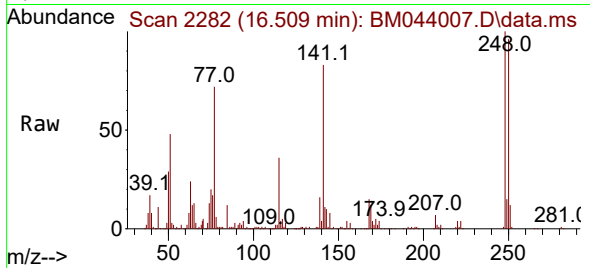




#67
4-Bromophenyl-phenylether
Concen: 4.352 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

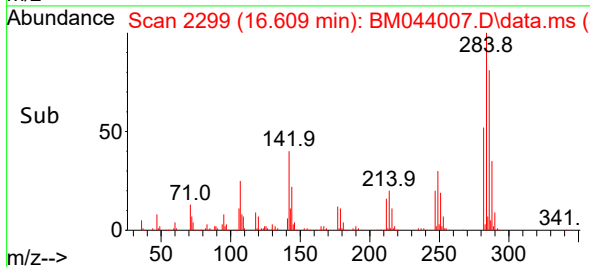
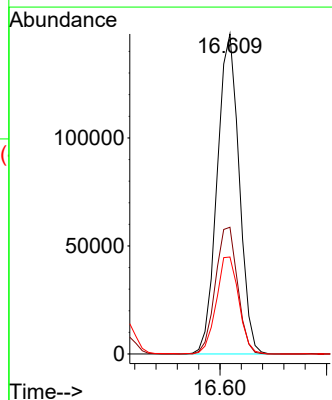
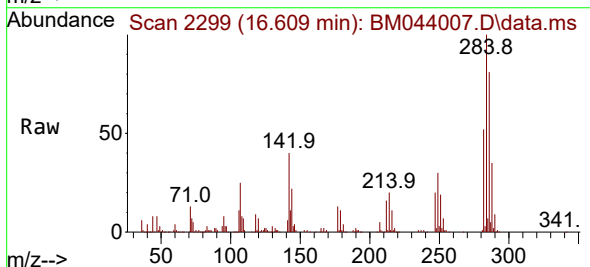
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

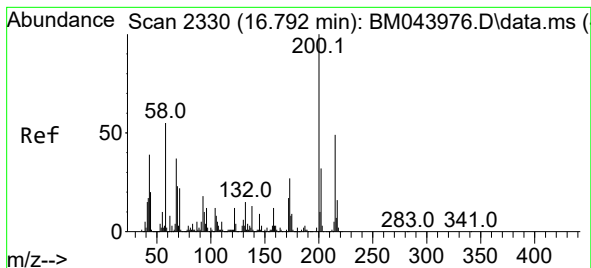
Tgt Ion:248 Resp: 135674
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.4
141 82.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 5.697 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM044007.D
Acq: 07 Feb 2024 01:32

Tgt Ion:284 Resp: 211760
Ion Ratio Lower Upper
284 100
142 39.6 32.2 48.4
249 30.3 24.4 36.6





#69

Atrazine

Concen: 7.160 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

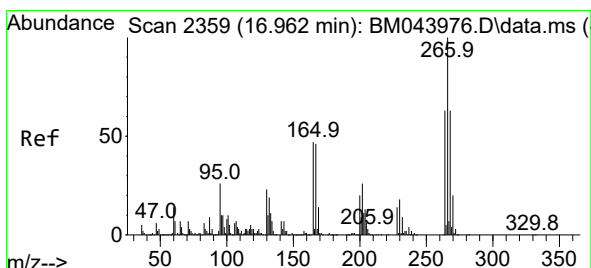
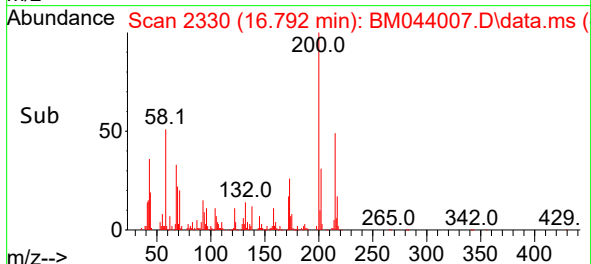
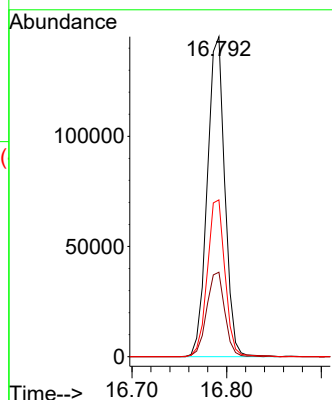
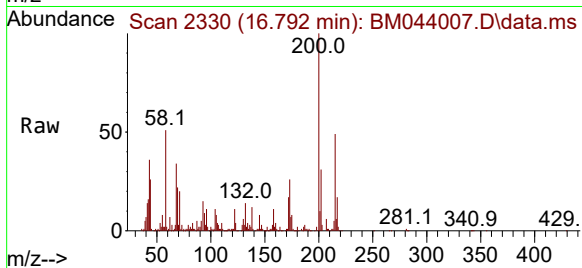
Tgt Ion:200 Resp: 186726

Ion Ratio Lower Upper

200 100

173 26.4 7.3 47.3

215 49.0 28.7 68.7



#70

Pentachlorophenol

Concen: 4.402 ng

RT: 16.956 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

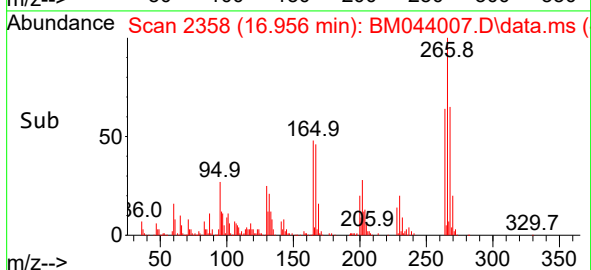
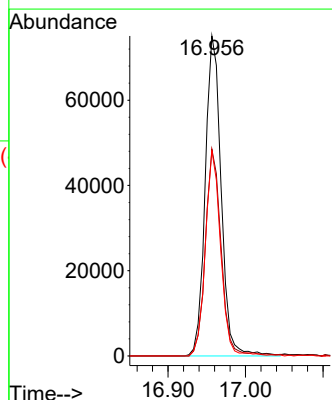
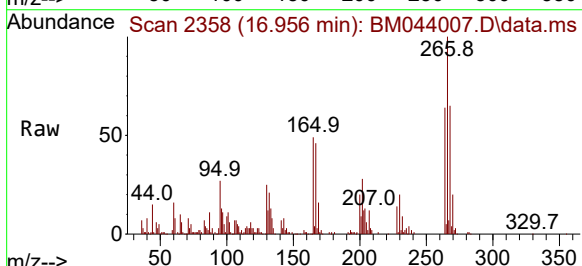
Tgt Ion:266 Resp: 107429

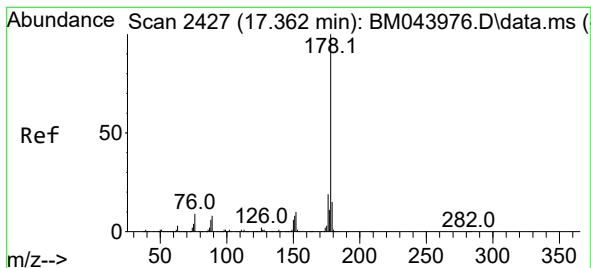
Ion Ratio Lower Upper

266 100

268 64.6 50.6 76.0

264 64.2 50.6 76.0





#71

Phenanthrene

Concen: 5.993 ng

RT: 17.356 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

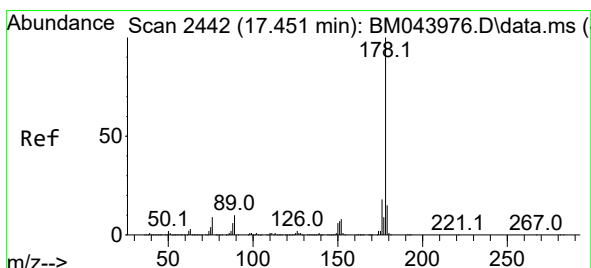
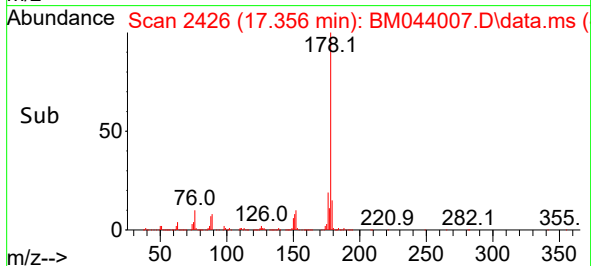
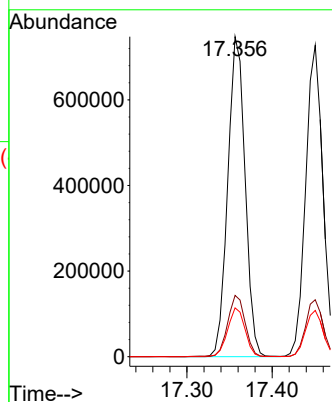
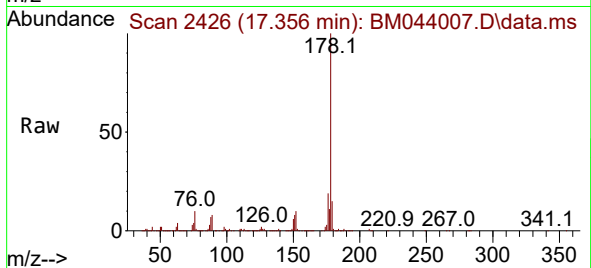
Tgt Ion:178 Resp: 1056216

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 12.4 18.6



#72

Anthracene

Concen: 5.992 ng

RT: 17.451 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

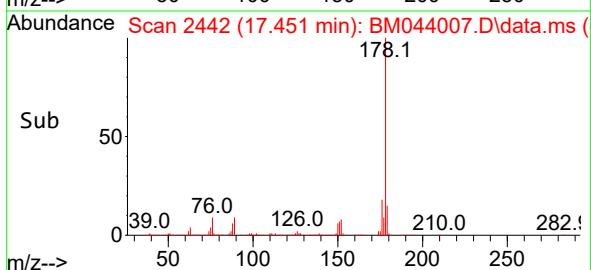
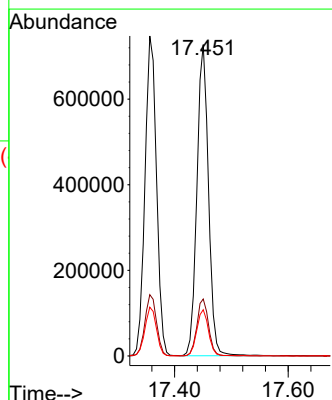
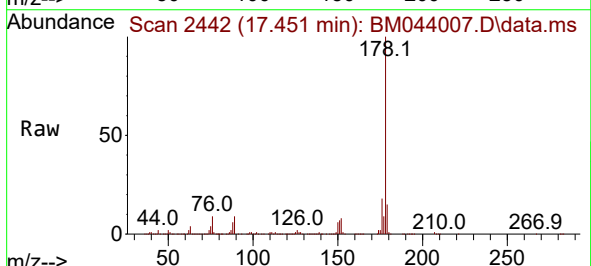
Tgt Ion:178 Resp: 1033937

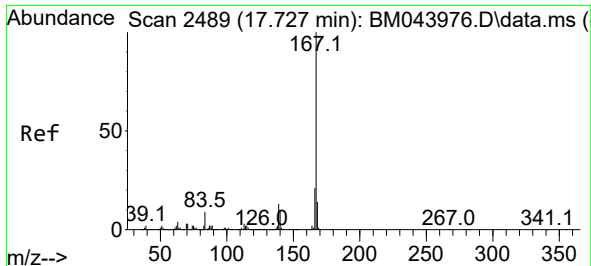
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 14.9 12.2 18.4

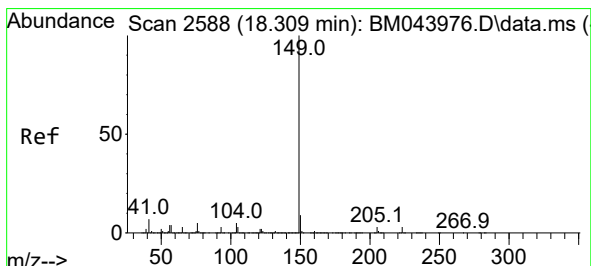
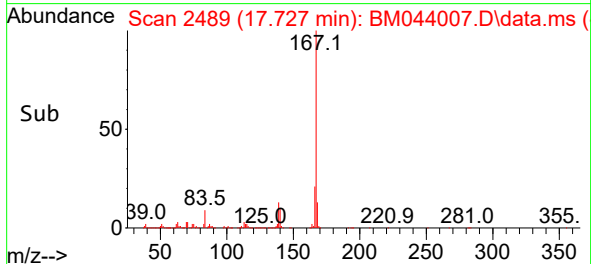
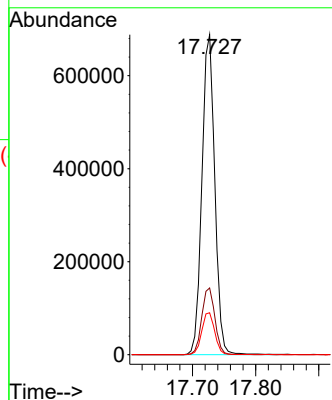
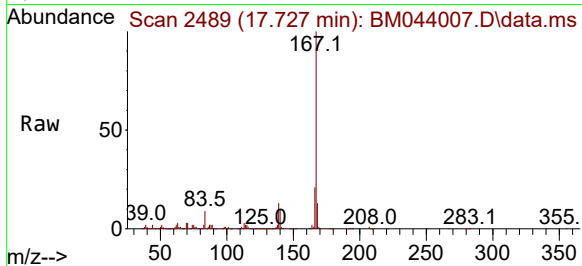




#73
 Carbazole
 Concen: 5.434 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

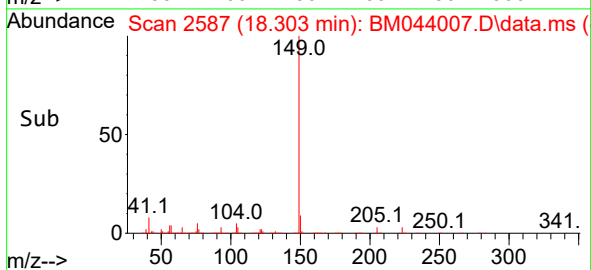
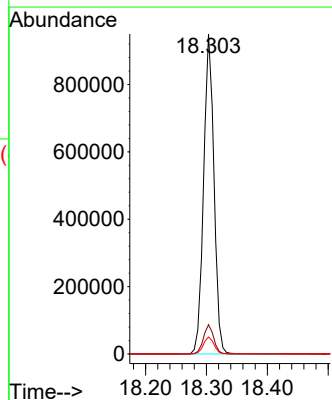
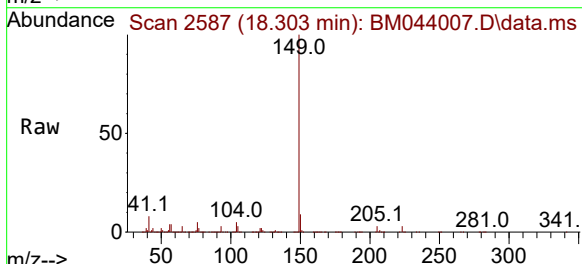
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT3-2023

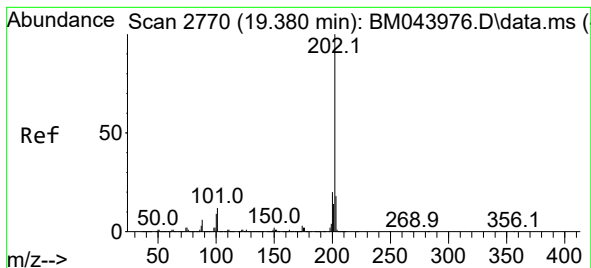
Tgt Ion:167 Resp: 971195
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 5.734 ng
 RT: 18.303 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

Tgt Ion:149 Resp: 1123886
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 5.312 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

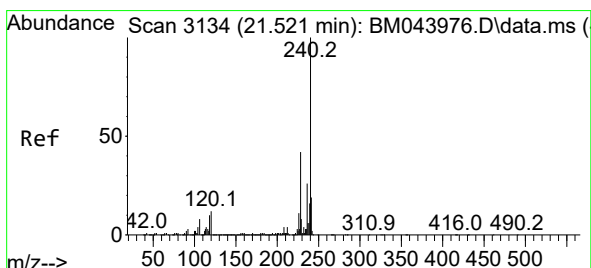
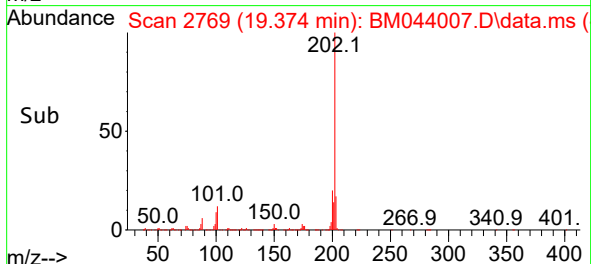
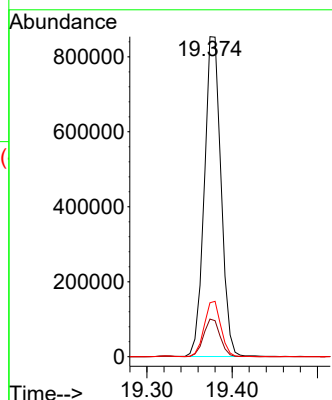
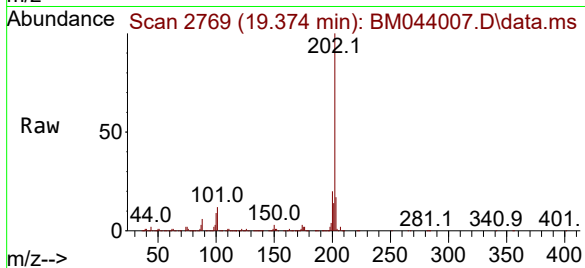
Tgt Ion:202 Resp: 1157945

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.9

203 16.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

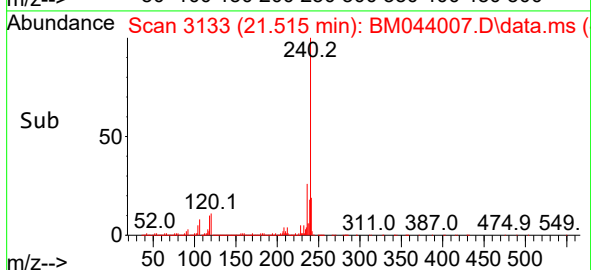
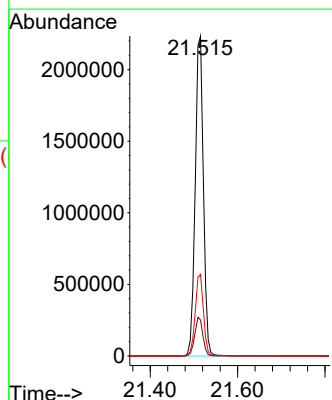
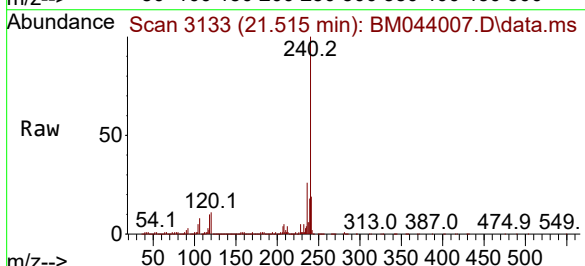
Tgt Ion:240 Resp: 2913141

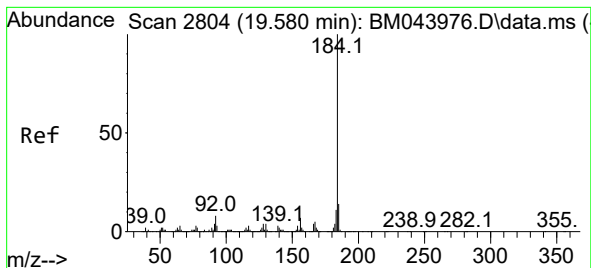
Ion Ratio Lower Upper

240 100

120 11.3 9.3 13.9

236 25.5 20.5 30.7





#77

Benzidine

Concen: 13.079 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

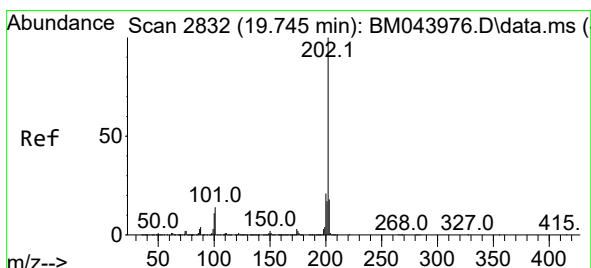
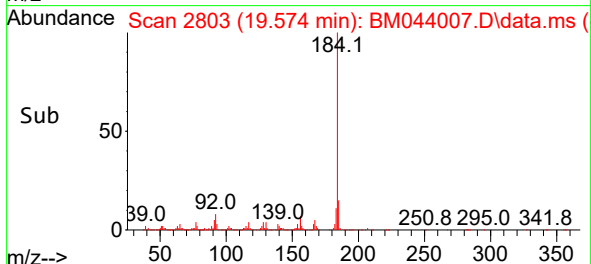
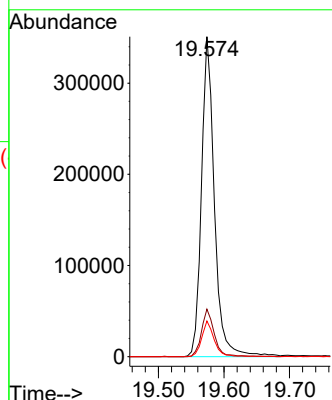
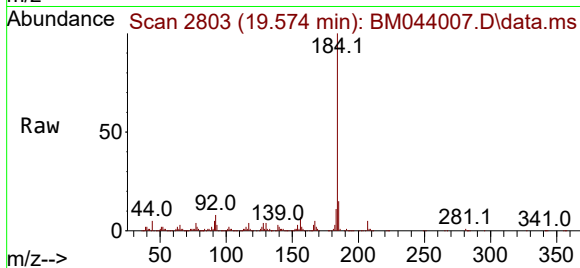
Tgt Ion:184 Resp: 483410

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.2 8.9 13.3



#78

Pyrene

Concen: 6.086 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

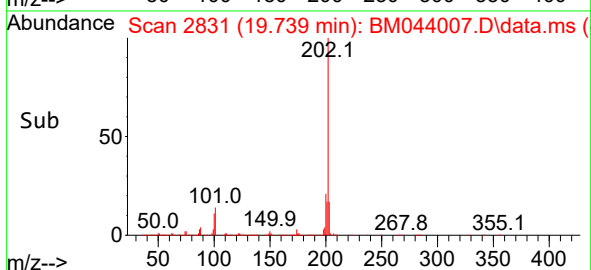
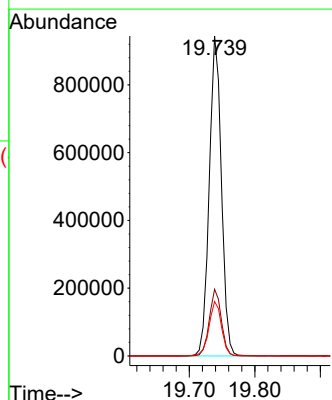
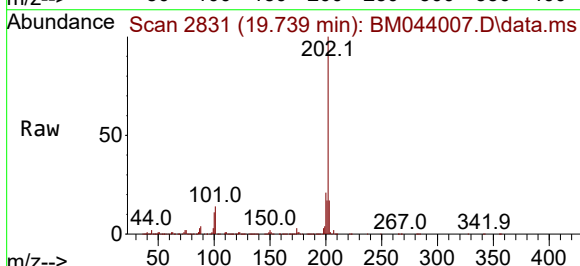
Tgt Ion:202 Resp: 1218666

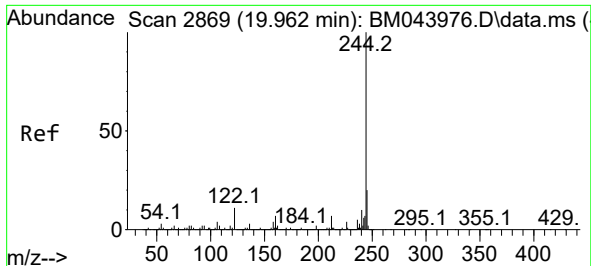
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.0 14.2 21.4

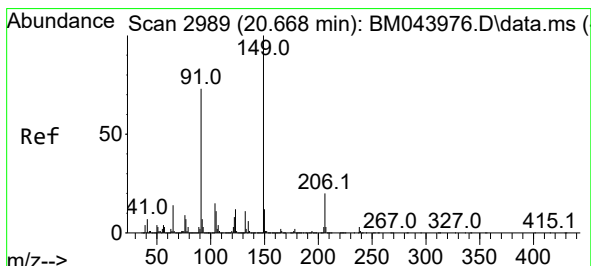
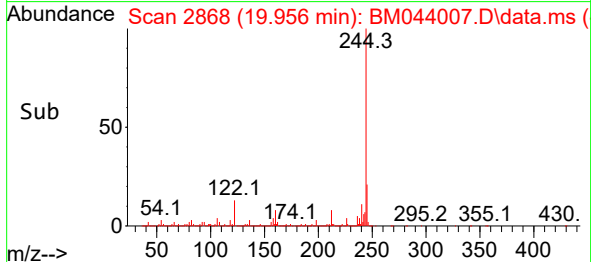
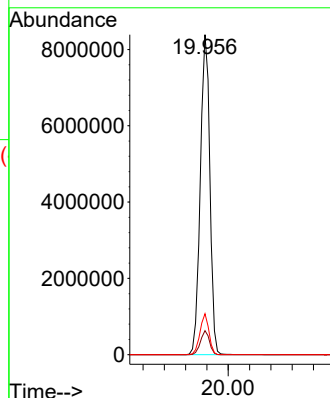
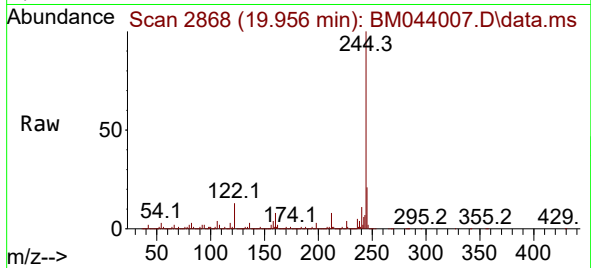




#79
 Terphenyl-d14
 Concen: 69.149 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

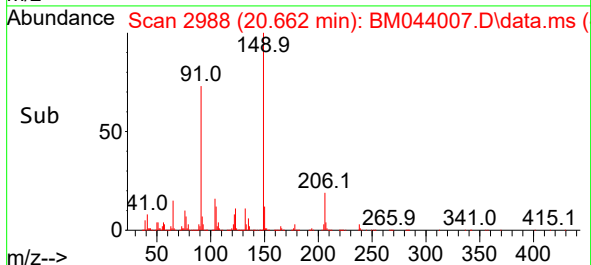
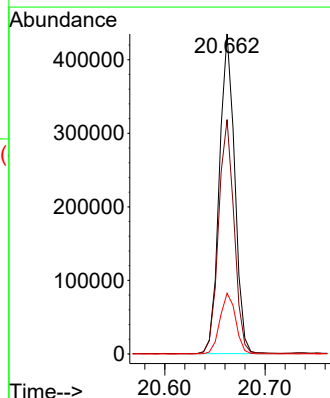
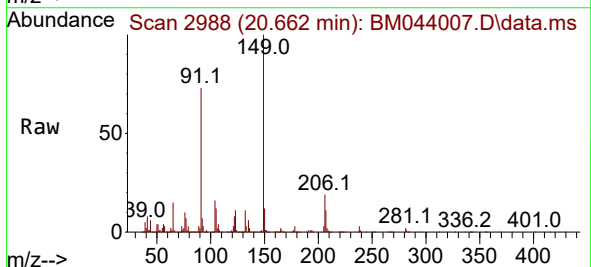
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

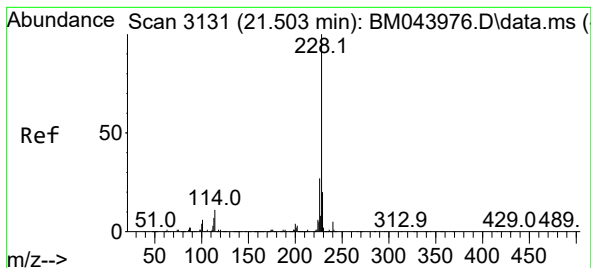
Tgt Ion:244 Resp:10435015
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 12.8 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 5.807 ng
 RT: 20.662 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BM044007.D
 Acq: 07 Feb 2024 01:32

Tgt Ion:149 Resp: 460487
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.4 87.6
 206 19.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 6.041 ng

RT: 21.497 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

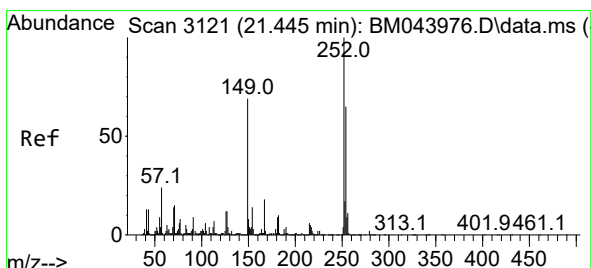
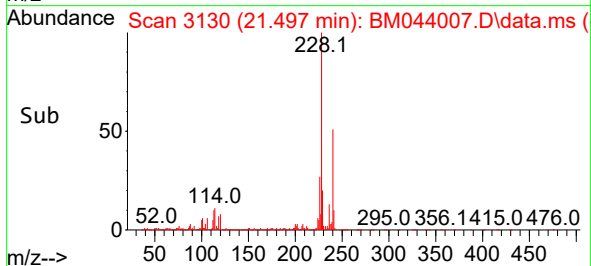
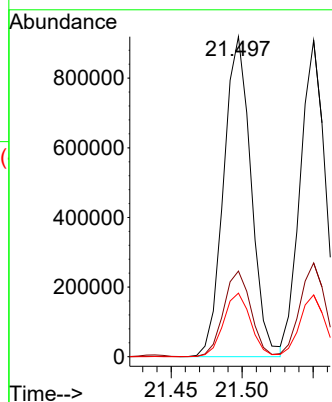
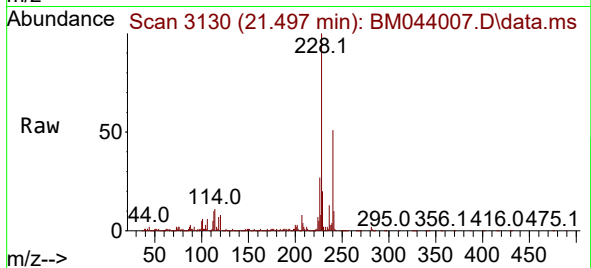
Tgt Ion:228 Resp: 1234675

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 5.935 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

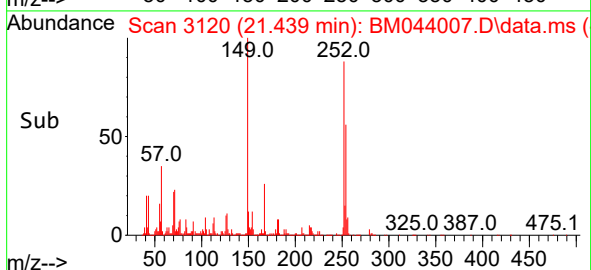
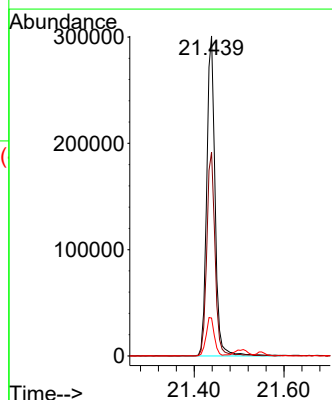
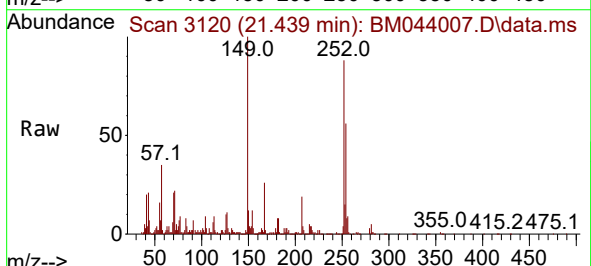
Tgt Ion:252 Resp: 387830

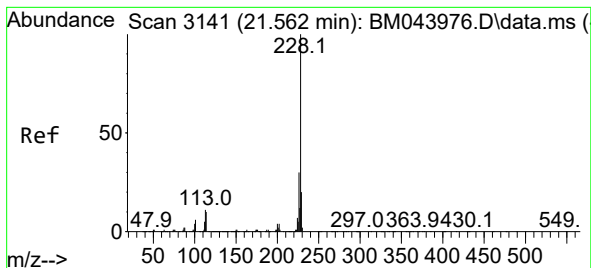
Ion Ratio Lower Upper

252 100

254 63.7 51.6 77.4

126 11.9 9.4 14.2





#83

Chrysene

Concen: 5.748 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

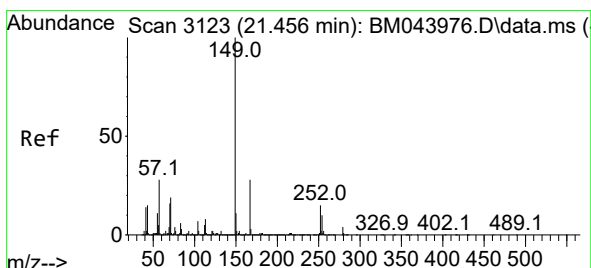
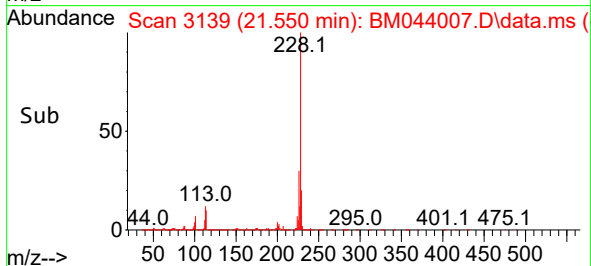
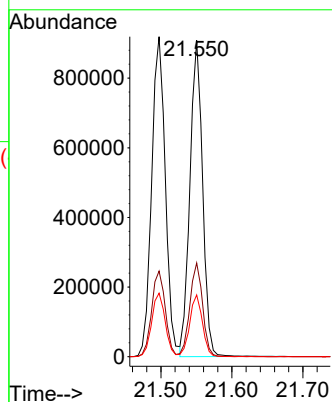
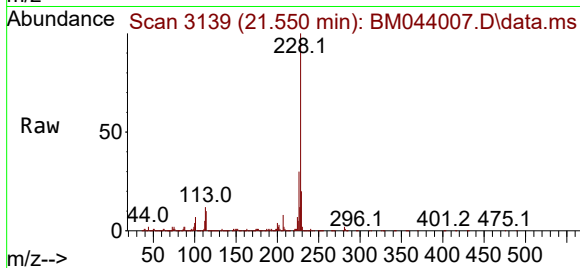
Tgt Ion:228 Resp: 1125530

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.197 ng

RT: 21.444 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

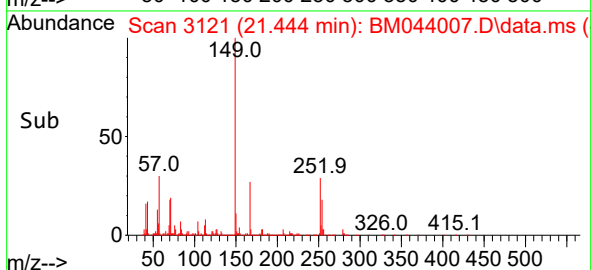
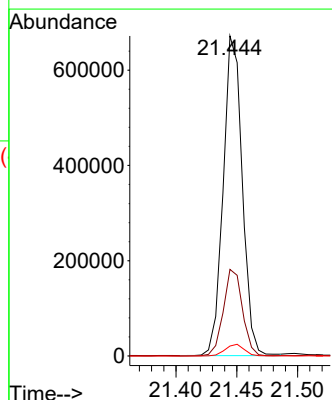
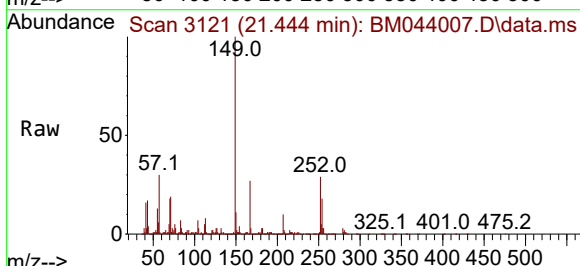
Tgt Ion:149 Resp: 730794

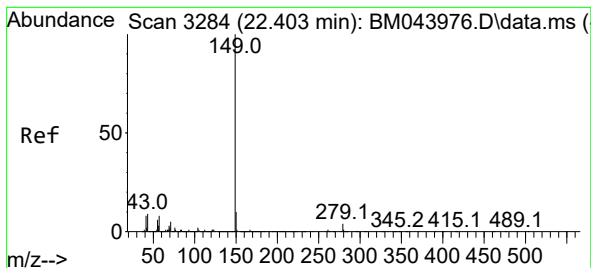
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.1 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 5.682 ng

RT: 22.391 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

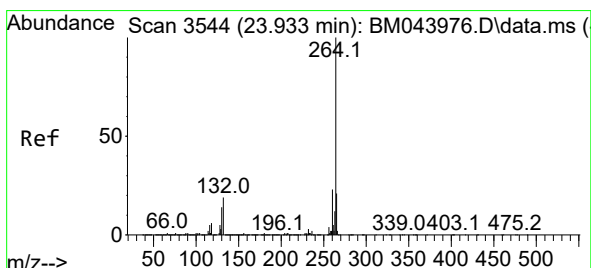
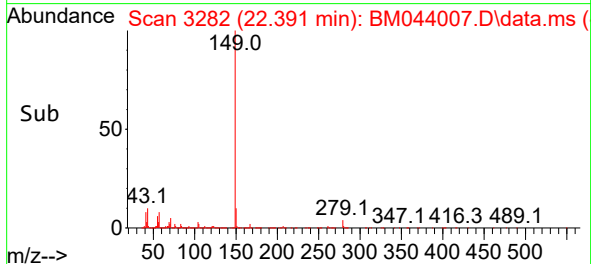
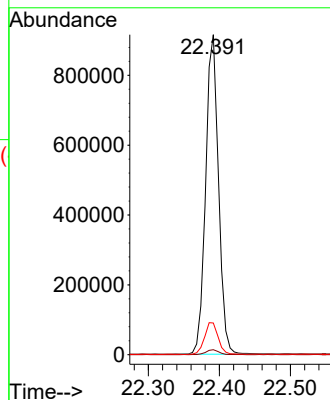
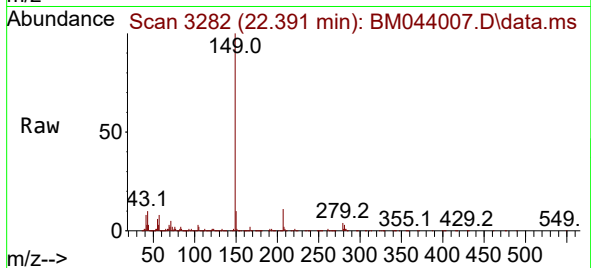
Tgt Ion:149 Resp: 1154185

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

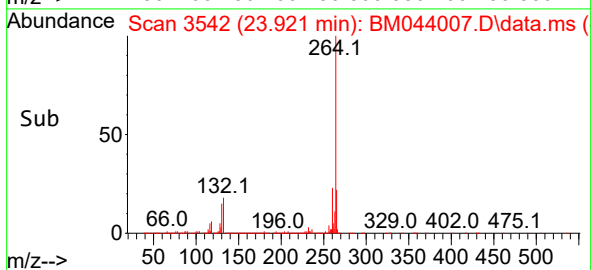
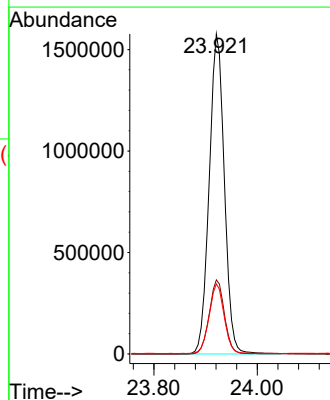
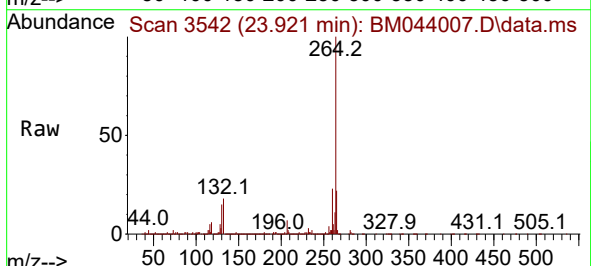
Tgt Ion:264 Resp: 3211472

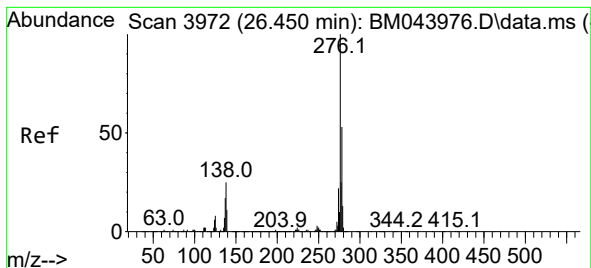
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.259 ng

RT: 26.421 min Scan# 3972

Delta R.T. -0.030 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

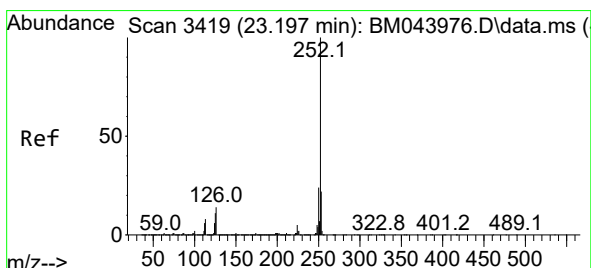
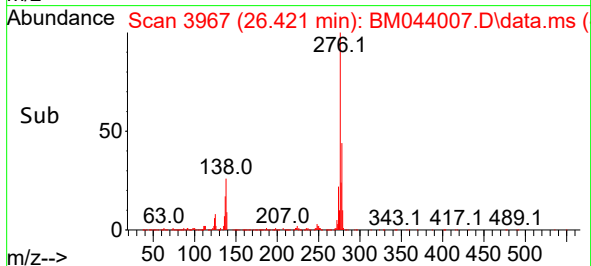
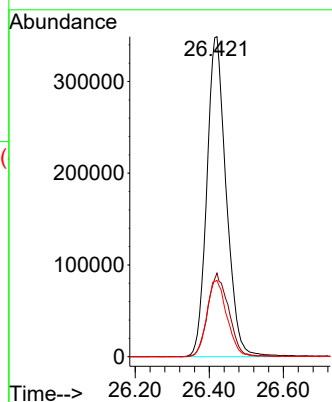
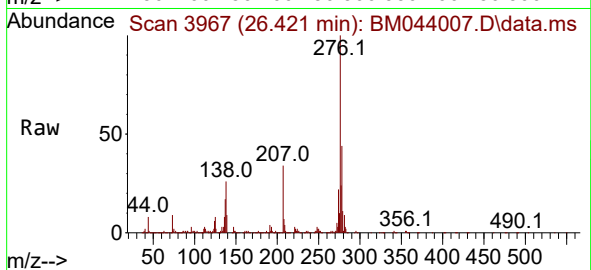
Tgt Ion:276 Resp: 1263769

Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.6

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 5.686 ng

RT: 23.185 min Scan# 3417

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

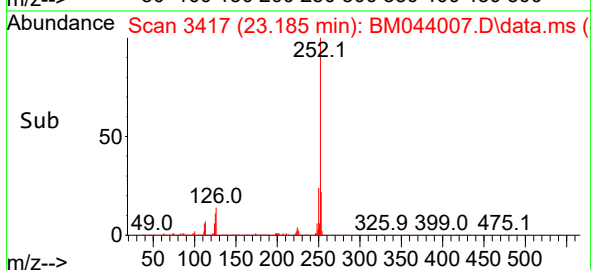
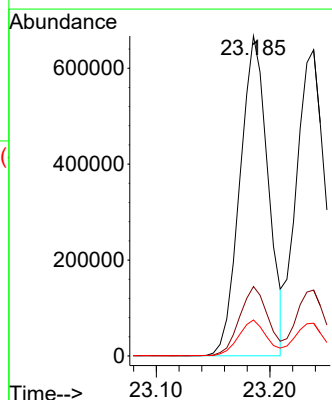
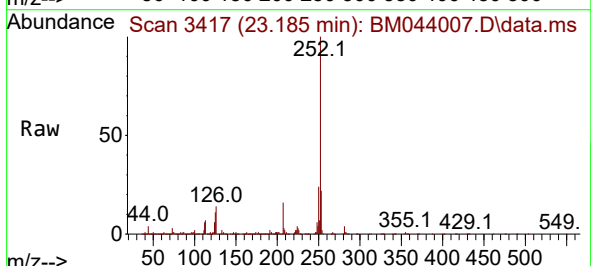
Tgt Ion:252 Resp: 1148646

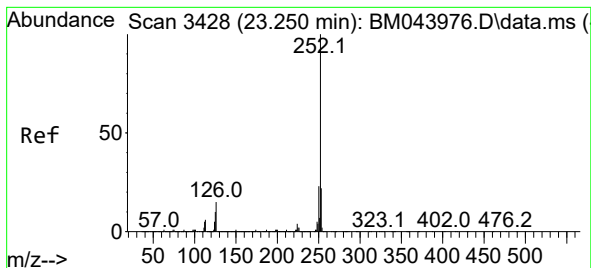
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 5.856 ng

RT: 23.238 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

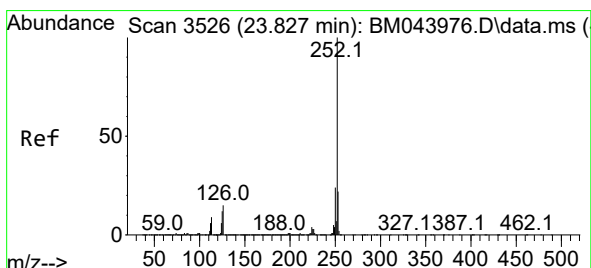
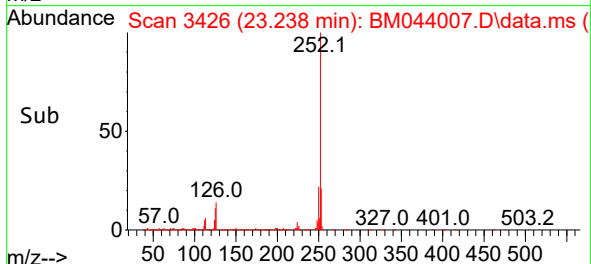
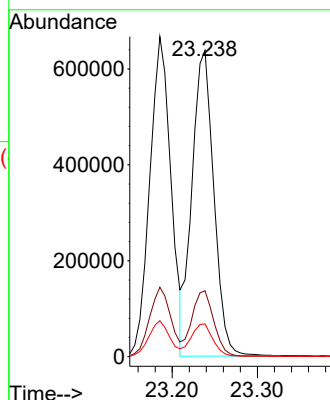
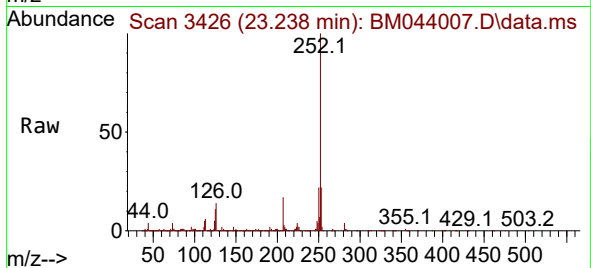
Tgt Ion:252 Resp: 1134973

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.7 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.503 ng

RT: 23.809 min Scan# 3523

Delta R.T. -0.018 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

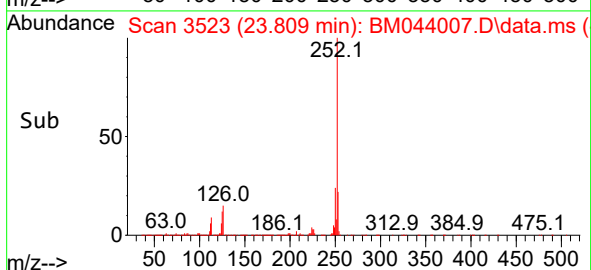
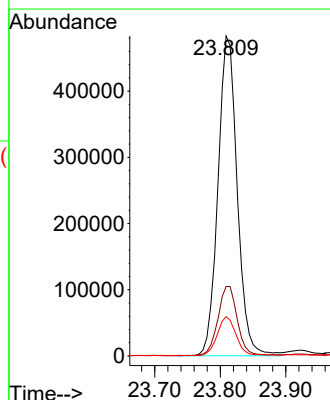
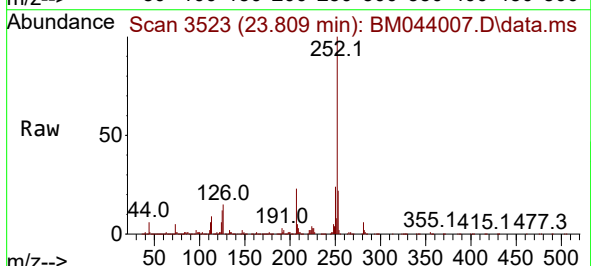
Tgt Ion:252 Resp: 982619

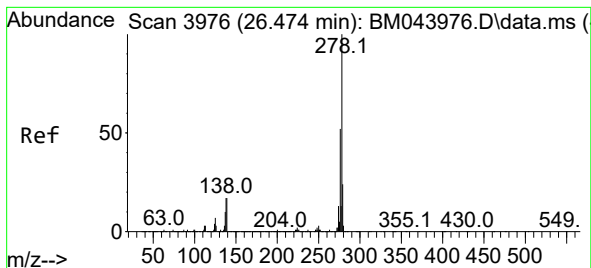
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 12.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 5.341 ng

RT: 26.450 min Scan# 3976

Delta R.T. -0.024 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

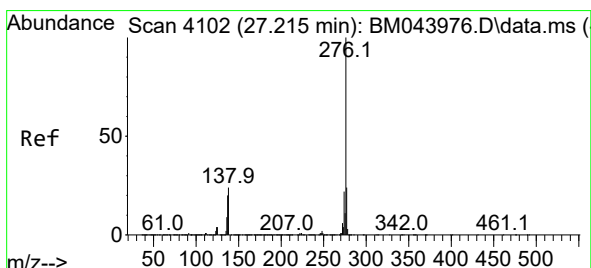
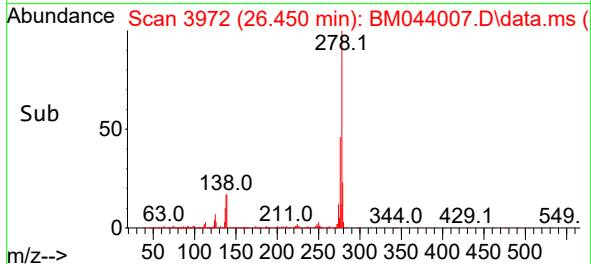
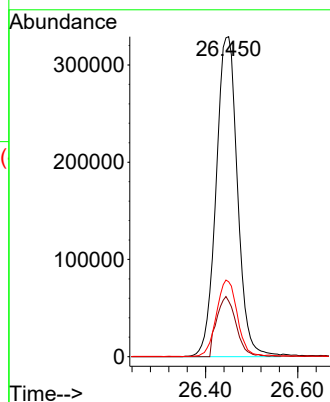
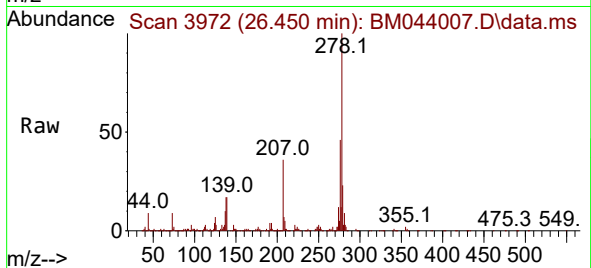
Tgt Ion:278 Resp: 1058564

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 23.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.997 ng

RT: 27.179 min Scan# 4096

Delta R.T. -0.035 min

Lab File: BM044007.D

Acq: 07 Feb 2024 01:32

Tgt Ion:276 Resp: 1010028

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 24.5 18.8 28.2

