

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044035.D
 Acq On : 09 Feb 2024 12:29
 Operator : MA/JU
 Sample : 03572-07
 Misc : LOD-MDL-WATER-4ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 09 12:57:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	480374	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2059380	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1193420	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2343805	20.000	ng	0.00
76) Chrysene-d12	21.497	240	1884855	20.000	ng	0.00
86) Perylene-d12	23.897	264	2040198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4160795	125.977	ng	0.00
7) Phenol-d6	7.081	99	5284352	125.748	ng	0.00
23) Nitrobenzene-d5	9.081	82	3054942	78.716	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1679602	129.985	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6487610	76.722	ng	0.00
79) Terphenyl-d14	19.945	244	7927637	73.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	52149	3.978	ng	99
3) Pyridine	3.793	79	117621	3.399	ng	95
4) n-Nitrosodimethylamine	3.710	42	49329	3.757	ng	# 94
6) Aniline	7.240	93	185219	4.483	ng	100
8) 2-Chlorophenol	7.469	128	123903	3.592	ng	99
9) Benzaldehyde	7.057	77	121410	5.622	ng	96
10) Phenol	7.104	94	164269	3.873	ng	98
11) bis(2-Chloroethyl)ether	7.345	93	138858	3.954	ng	97
12) 1,3-Dichlorobenzene	7.792	146	143491	3.664	ng	98
13) 1,4-Dichlorobenzene	7.945	146	147694	3.742	ng	97
14) 1,2-Dichlorobenzene	8.257	146	140851	3.745	ng	98
15) Benzyl Alcohol	8.157	79	106206	3.882	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	177522	3.987	ng	98
17) 2-Methylphenol	8.351	107	101425	3.643	ng	98
18) Hexachloroethane	8.981	117	53896	3.647	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	99704	3.864	ng	97
20) 3+4-Methylphenols	8.681	107	134388	3.507	ng	98
22) Acetophenone	8.739	105	204976	3.921	ng	# 97
24) Nitrobenzene	9.122	77	154168	3.879	ng	98
25) Isophorone	9.645	82	267633	3.581	ng	99
26) 2-Nitrophenol	9.828	139	57266	3.108	ng	96
27) 2,4-Dimethylphenol	9.886	122	95712	4.062	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	178217	3.688	ng	99
29) 2,4-Dichlorophenol	10.357	162	104361	3.364	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	126220	3.619	ng	97
31) Naphthalene	10.757	128	421515	3.709	ng	99
32) Benzoic acid	9.951	122	41993	1.769	ng	97
33) 4-Chloroaniline	10.880	127	166371	3.866	ng	99
34) Hexachlorobutadiene	11.033	225	70238	3.518	ng	96
35) Caprolactam	11.651	113	30289	3.034	ng	93
36) 4-Chloro-3-methylphenol	11.998	107	111715	3.326	ng	100
37) 2-Methylnaphthalene	12.375	142	278114	3.673	ng	98
38) 1-Methylnaphthalene	12.592	142	270962	3.642	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	133986	3.863	ng	99
41) Hexachlorocyclopentadiene	12.710	237	59522	3.932	ng	98
43) 2,4,6-Trichlorophenol	12.980	196	73295	3.105	ng	100

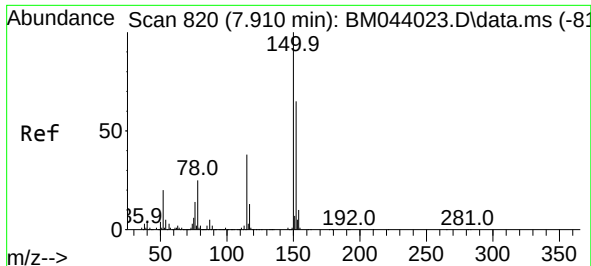
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
 Data File : BM044035.D
 Acq On : 09 Feb 2024 12:29
 Operator : MA/JU
 Sample : 03572-07
 Misc : LOD-MDL-WATER-4ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 09 12:57:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	85191	3.288	ng	99
46) 1,1'-Biphenyl	13.386	154	363624	3.861	ng	99
47) 2-Chloronaphthalene	13.427	162	278806	3.738	ng	98
48) 2-Nitroaniline	13.639	65	66862	3.186	ng	94
49) Acenaphthylene	14.274	152	441358	3.966	ng	99
50) Dimethylphthalate	14.021	163	327551	3.702	ng	99
51) 2,6-Dinitrotoluene	14.139	165	61662	3.159	ng	93
52) Acenaphthene	14.616	154	256326	3.722	ng	99
53) 3-Nitroaniline	14.468	138	64305	3.065	ng	96
54) 2,4-Dinitrophenol	14.668	184	18837	7.083	ng	91
55) Dibenzofuran	14.951	168	418211	3.923	ng	99
56) 4-Nitrophenol	14.768	139	43003	2.521	ng	91
57) 2,4-Dinitrotoluene	14.921	165	72716	2.850	ng	87
58) Fluorene	15.598	166	322316	3.913	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	70179	3.452	ng	98
60) Diethylphthalate	15.386	149	328372	3.591	ng	98
61) 4-Chlorophenyl-phenyle...	15.604	204	156230	3.914	ng	100
62) 4-Nitroaniline	15.627	138	57974	2.745	ng	96
63) Azobenzene	15.892	77	307827	3.588	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	30061	2.152	ng	94
66) n-Nitrosodiphenylamine	15.815	169	266382	3.741	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	76064	3.282	ng	96
68) Hexachlorobenzene	16.592	284	101798	3.586	ng	98
69) Atrazine	16.774	200	84195	4.367	ng	99
70) Pentachlorophenol	16.945	266	45200	2.448	ng	98
71) Phenanthrene	17.345	178	485899	3.926	ng	100
72) Anthracene	17.433	178	457629	3.735	ng	98
73) Carbazole	17.709	167	416720	3.497	ng	99
74) Di-n-butylphthalate	18.286	149	490111	3.164	ng	99
75) Fluoranthene	19.362	202	488509	3.514	ng	100
77) Benzidine	19.562	184	147295	5.029	ng	99
78) Pyrene	19.727	202	511736	3.525	ng	100
80) Butylbenzylphthalate	20.650	149	179827	2.787	ng	98
81) Benzo(a)anthracene	21.486	228	477503	3.642	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	151496	3.522	ng	96
83) Chrysene	21.539	228	448338	3.619	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	291724	3.064	ng	99
85) Di-n-octyl phthalate	22.374	149	438918	2.640	ng	97
87) Indeno(1,2,3-cd)pyrene	26.374	276	504339	3.493	ng	99
88) Benzo(b)fluoranthene	23.162	252	465501	3.650	ng	99
89) Benzo(k)fluoranthene	23.215	252	417703	3.447	ng	99
90) Benzo(a)pyrene	23.786	252	379224	3.404	ng	99
91) Dibenzo(a,h)anthracene	26.397	278	422362	3.497	ng	100
92) Benzo(g,h,i)perylene	27.132	276	405623	3.311	ng	97

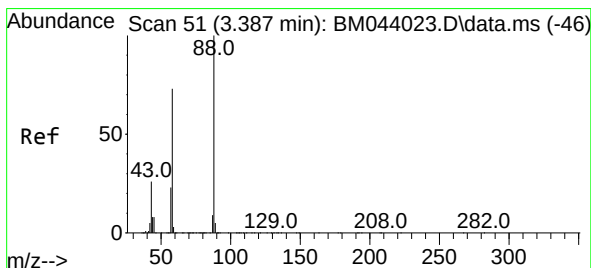
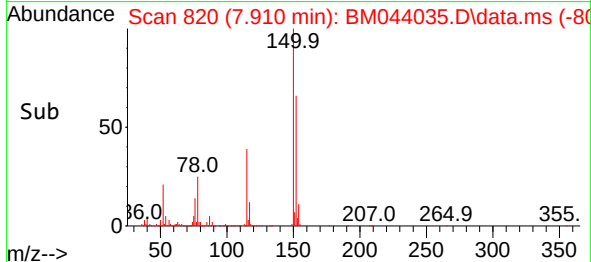
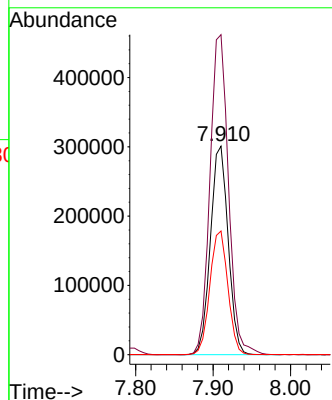
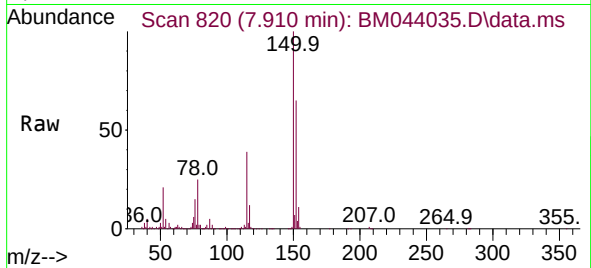
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM044035.D
 Acq: 09 Feb 2024 12:29

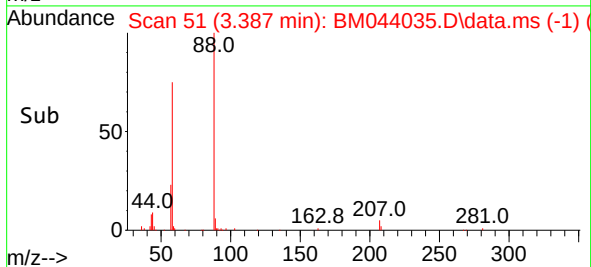
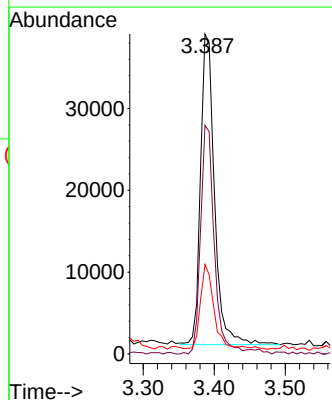
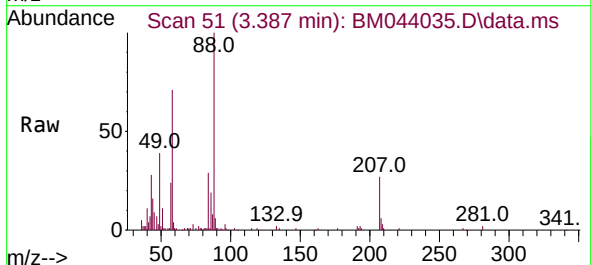
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

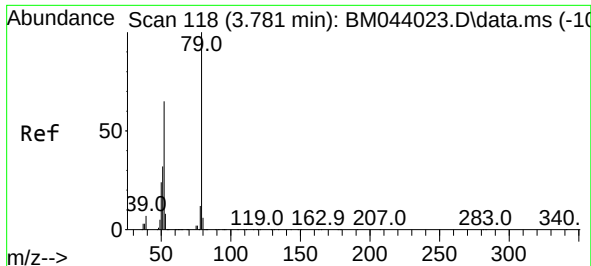
Tgt Ion:152 Resp: 480374
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.7 184.1
 115 59.3 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.978 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM044035.D
 Acq: 09 Feb 2024 12:29

Tgt Ion: 88 Resp: 52149
 Ion Ratio Lower Upper
 88 100
 58 71.8 58.1 87.1
 43 27.2 21.1 31.7

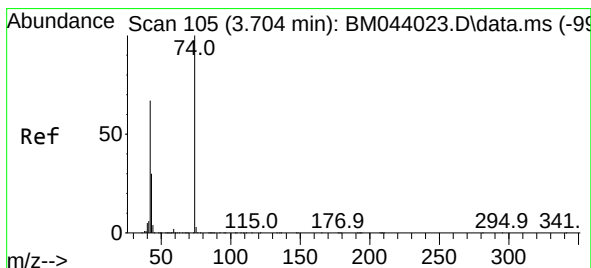
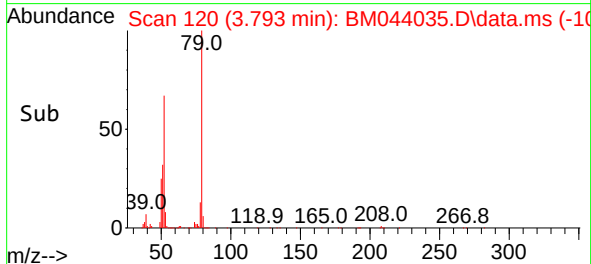
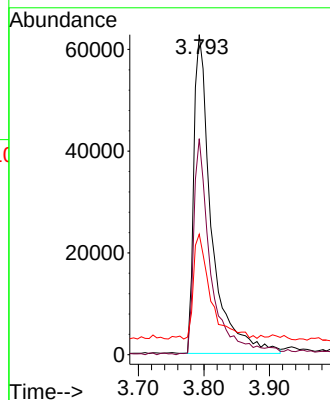
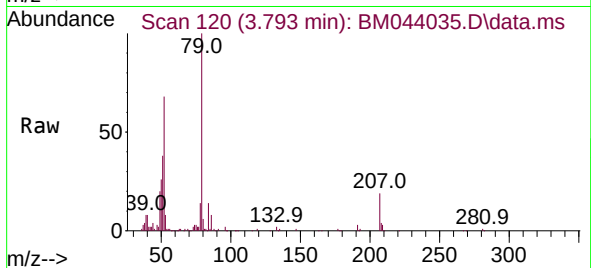




#3
Pyridine
Concen: 3.399 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

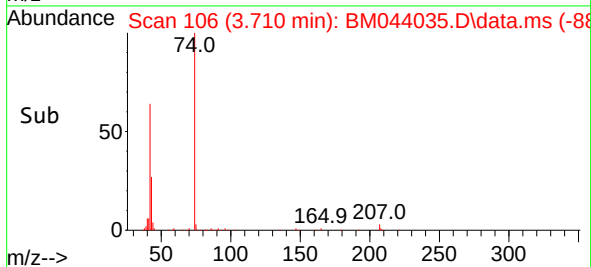
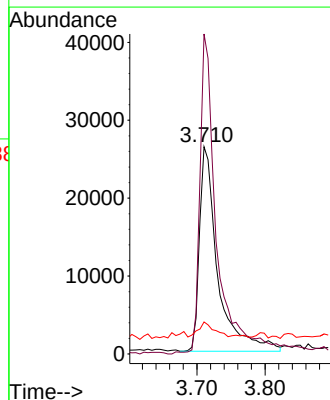
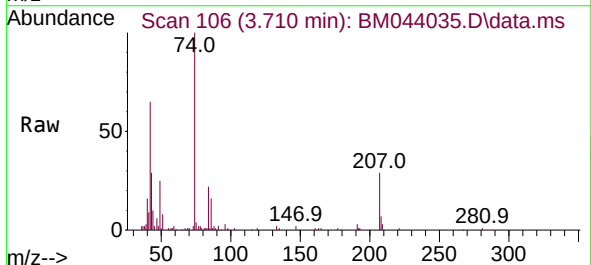
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

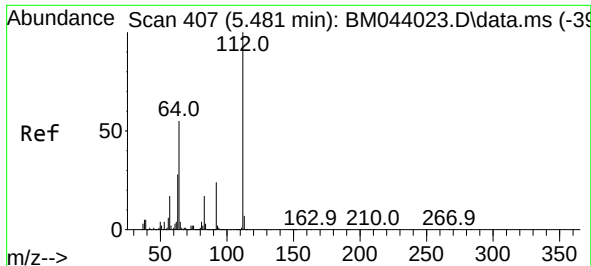
Tgt Ion: 79 Resp: 117621
Ion Ratio Lower Upper
79 100
52 67.5 52.2 78.2
51 37.7 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 3.757 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 42 Resp: 49329
Ion Ratio Lower Upper
42 100
74 154.5 118.6 178.0
44 15.4 5.6 8.4

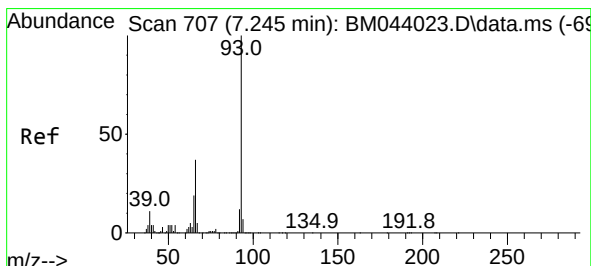
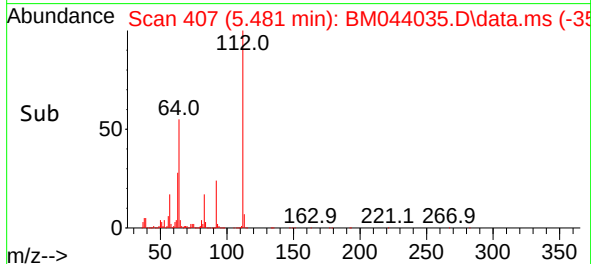
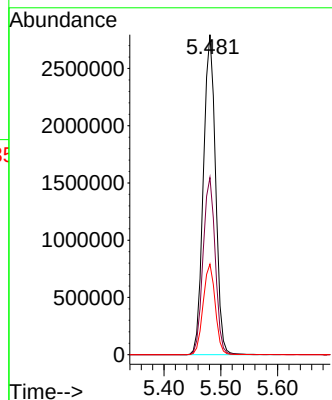
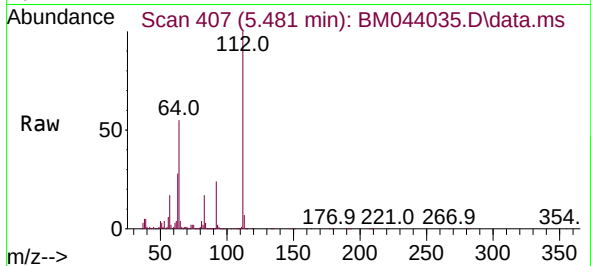




#5
2-Fluorophenol
Concen: 125.977 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

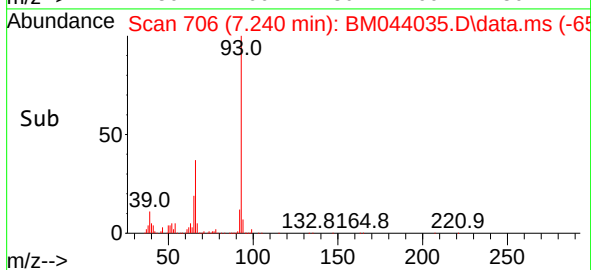
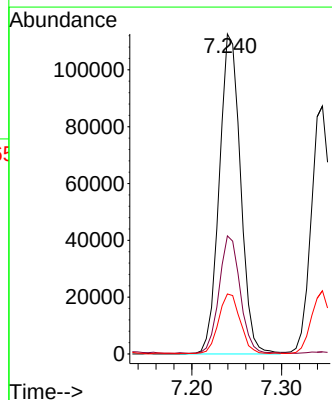
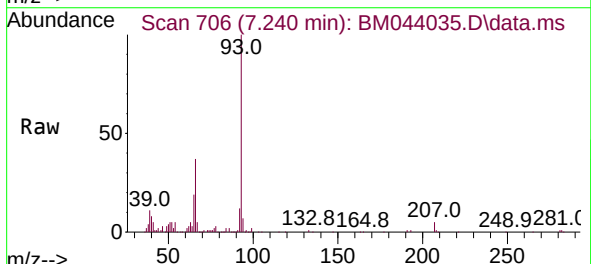
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

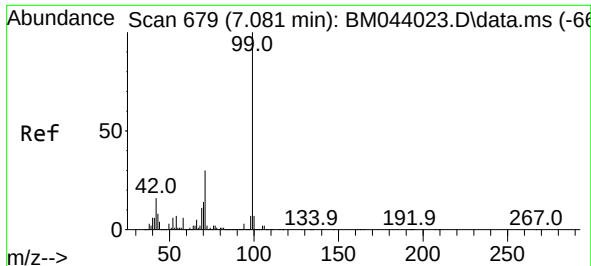
Tgt Ion:112 Resp: 4160795
Ion Ratio Lower Upper
112 100
64 55.3 44.2 66.4
63 28.3 22.6 34.0



#6
Aniline
Concen: 4.483 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 93 Resp: 185219
Ion Ratio Lower Upper
93 100
66 36.9 29.4 44.0
65 18.8 15.2 22.8



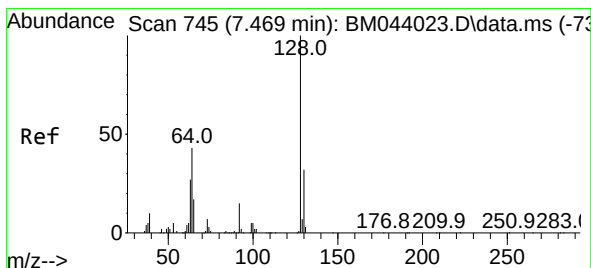
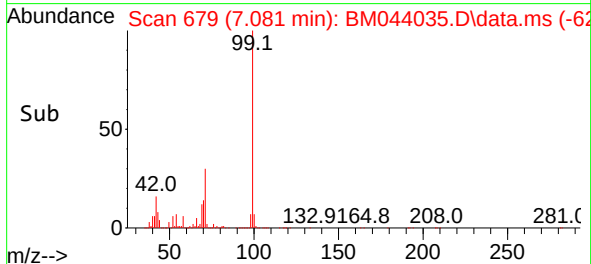
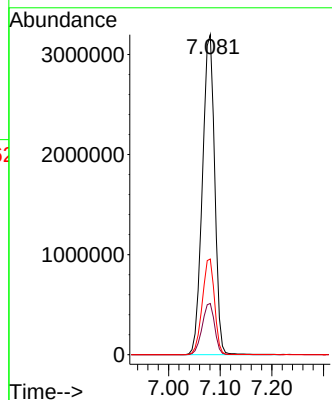
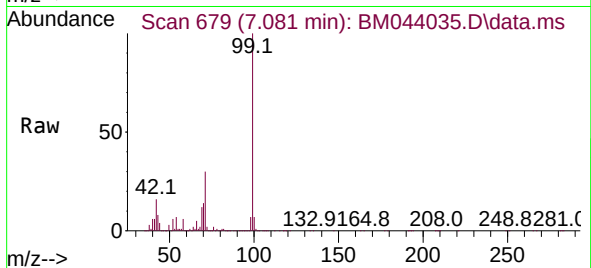


#7
Phenol-d6
Concen: 125.748 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

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

Tgt Ion: 99 Resp: 5284352

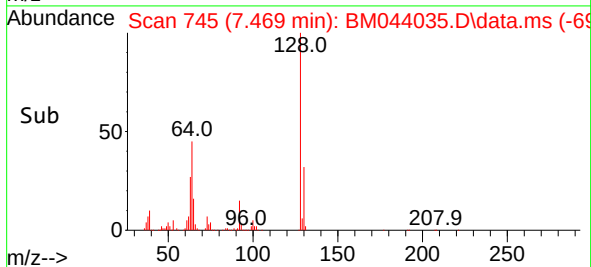
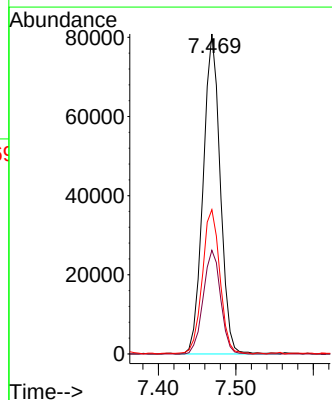
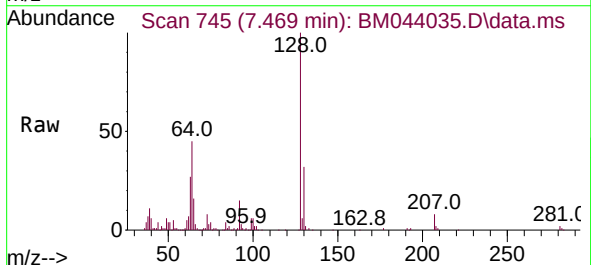
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	29.9	23.9	35.9

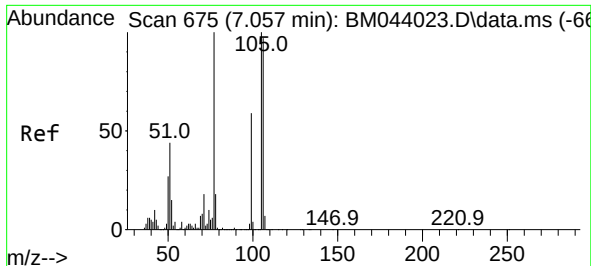


#8
2-Chlorophenol
Concen: 3.592 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 128 Resp: 123903

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	45.1	26.0	66.0

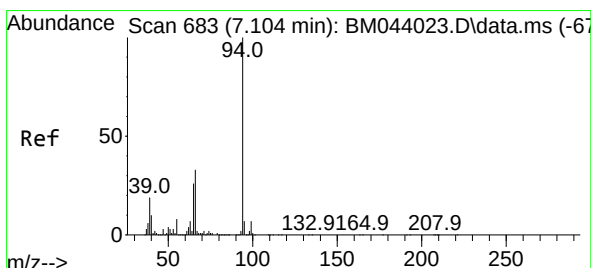
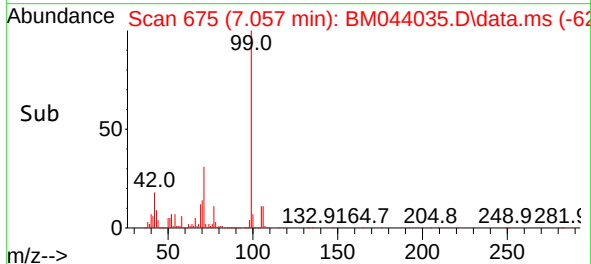
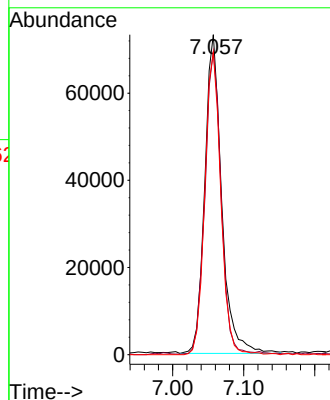
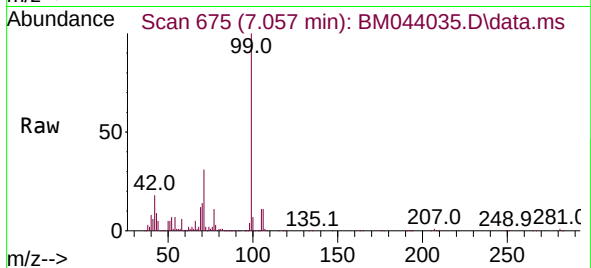




#9
Benzaldehyde
Concen: 5.622 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

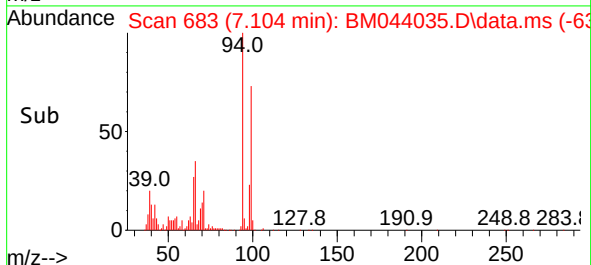
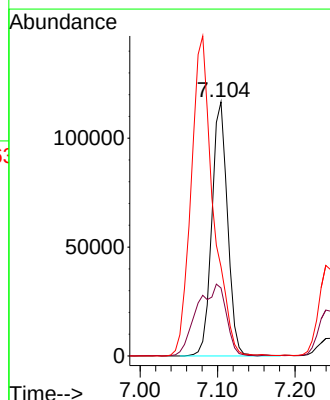
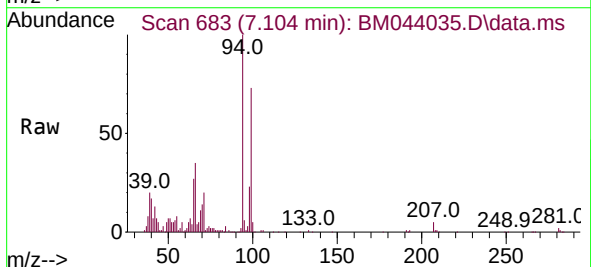
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

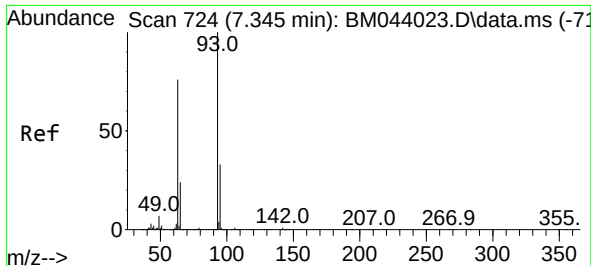
Tgt Ion: 77 Resp: 121410
Ion Ratio Lower Upper
77 100
105 94.7 80.0 120.0
106 94.5 76.8 116.8



#10
Phenol
Concen: 3.873 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 94 Resp: 164269
Ion Ratio Lower Upper
94 100
65 26.8 6.4 46.4
66 35.2 13.2 53.2

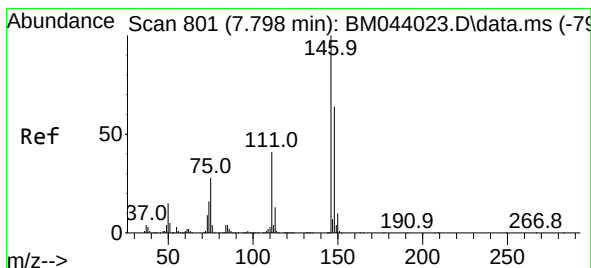
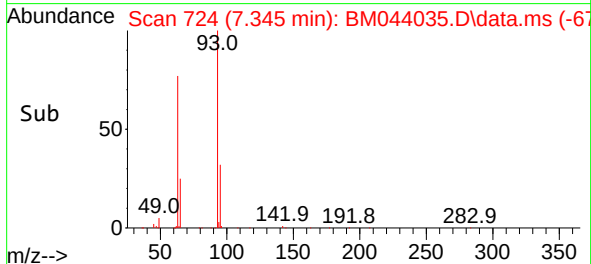
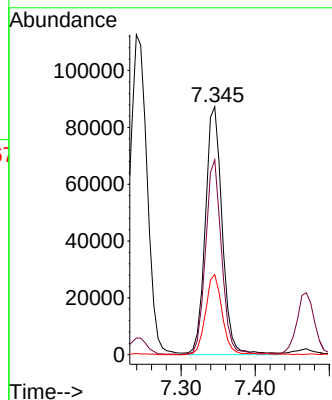
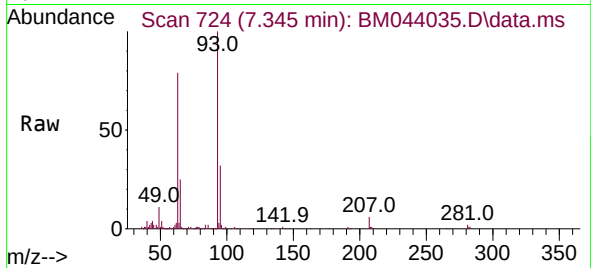




#11
bis(2-Chloroethyl)ether
Concen: 3.954 ng
RT: 7.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

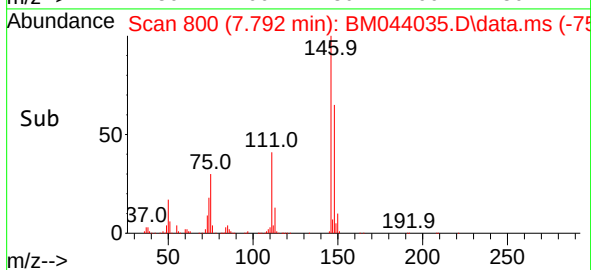
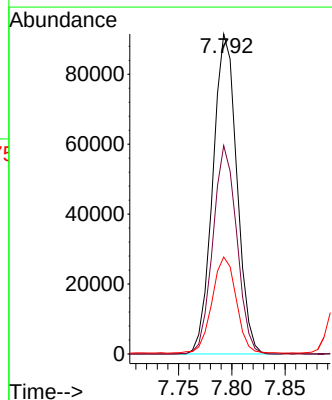
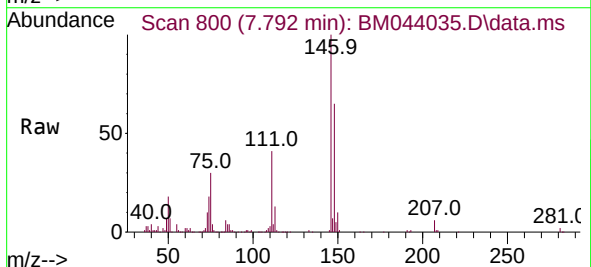
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

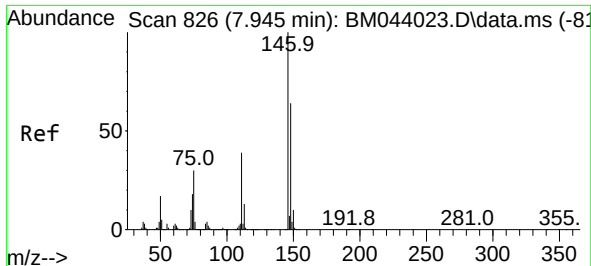
Tgt Ion: 93 Resp: 138858
Ion Ratio Lower Upper
93 100
63 78.6 55.9 95.9
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 3.664 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 146 Resp: 143491
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
75 30.3 22.7 34.1

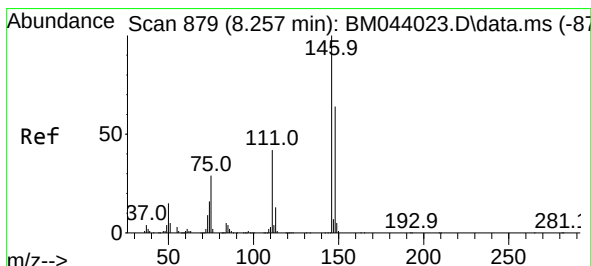
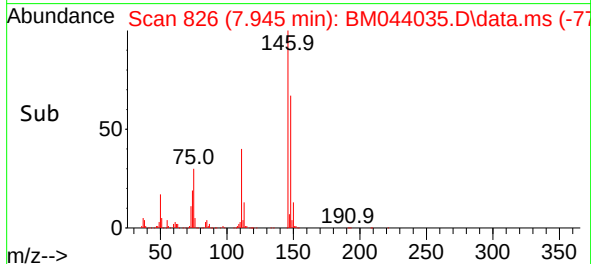
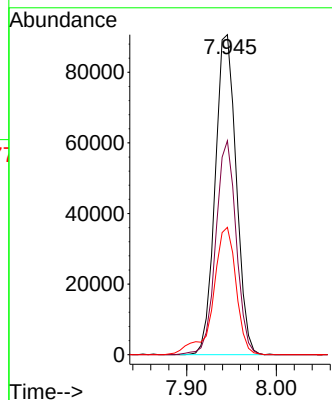
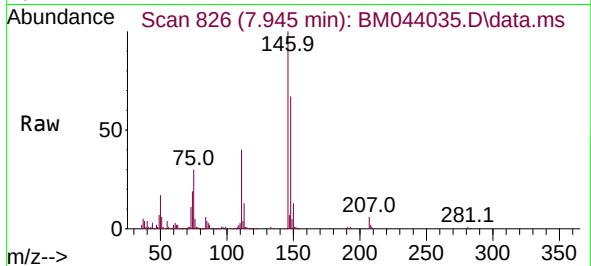




#13
1,4-Dichlorobenzene
Concen: 3.742 ng
RT: 7.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

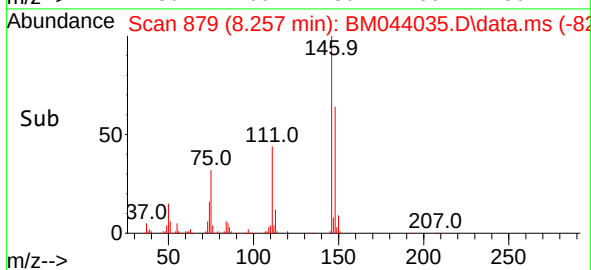
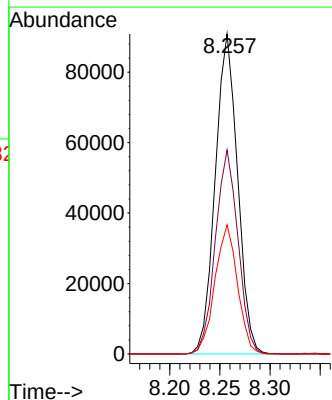
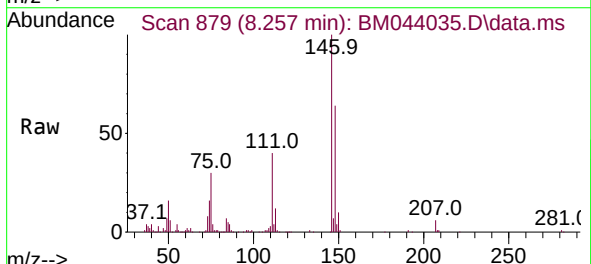
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

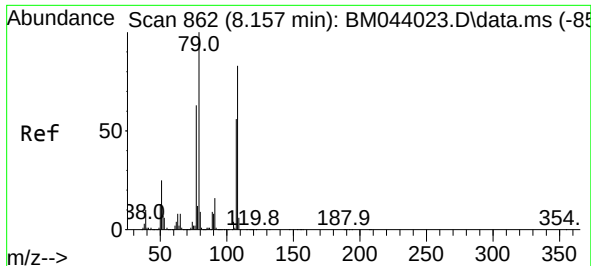
Tgt Ion:146 Resp: 147694
Ion Ratio Lower Upper
146 100
148 66.9 51.2 76.8
111 39.8 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 3.745 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:146 Resp: 140851
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 40.3 33.7 50.5

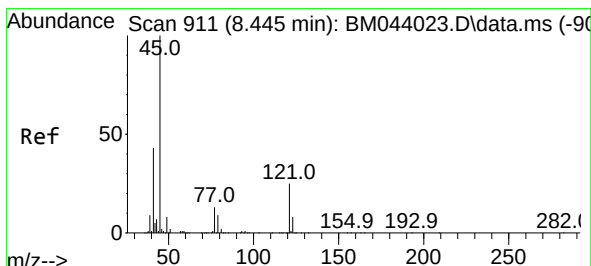
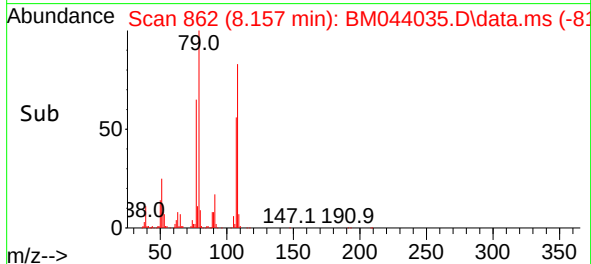
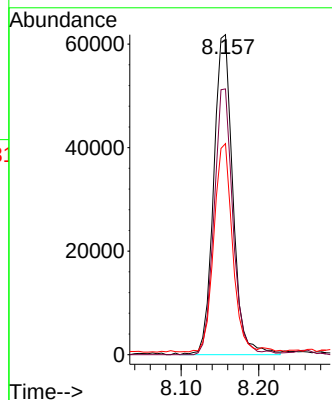
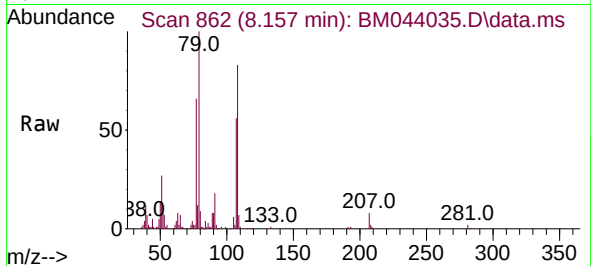




#15
Benzyl Alcohol
Concen: 3.882 ng
RT: 8.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

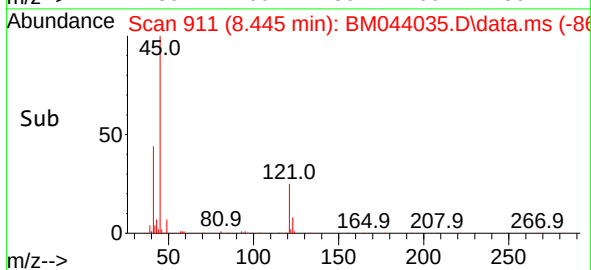
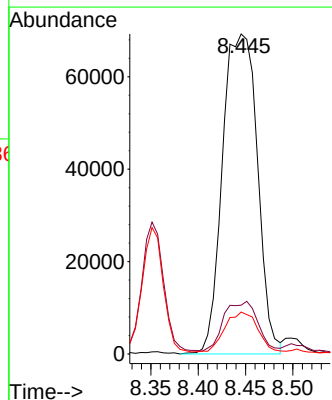
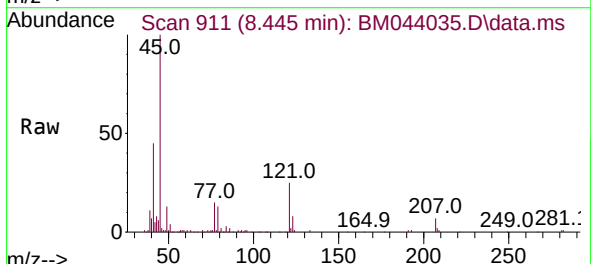
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

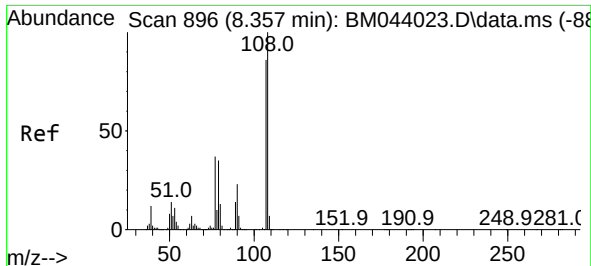
Tgt Ion: 79 Resp: 106206
Ion Ratio Lower Upper
79 100
108 83.0 66.0 99.0
77 66.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.987 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 45 Resp: 177522
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 13.1 0.0 31.5

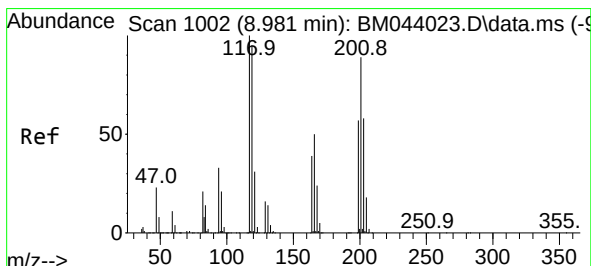
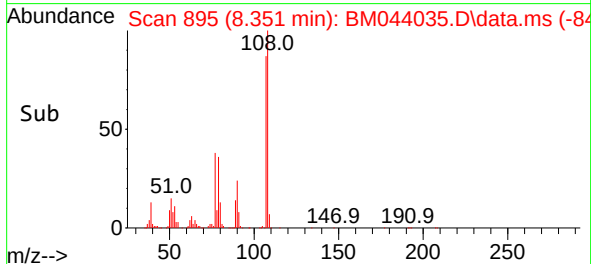
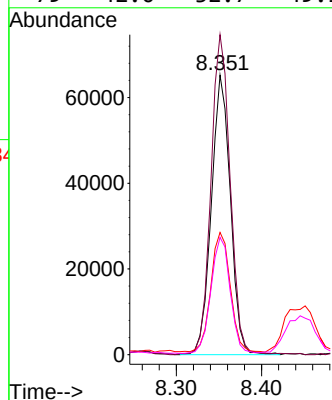
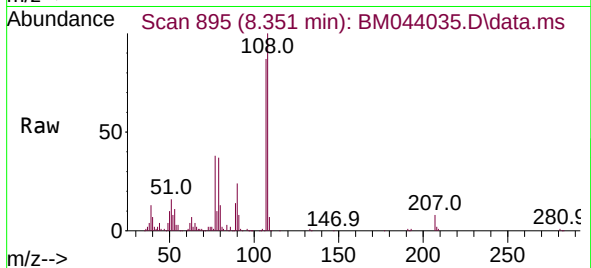




#17
2-Methylphenol
Concen: 3.643 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

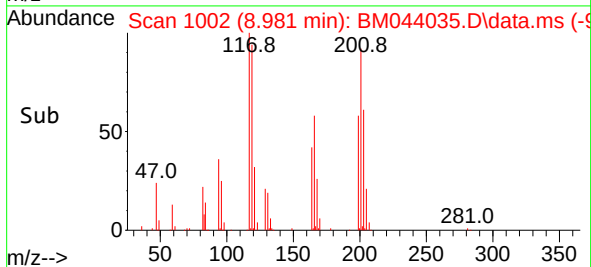
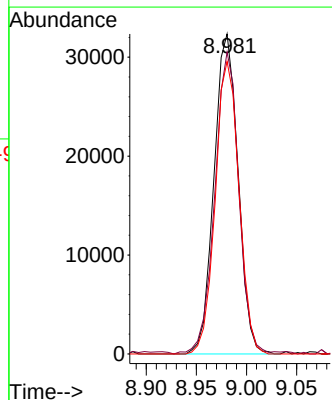
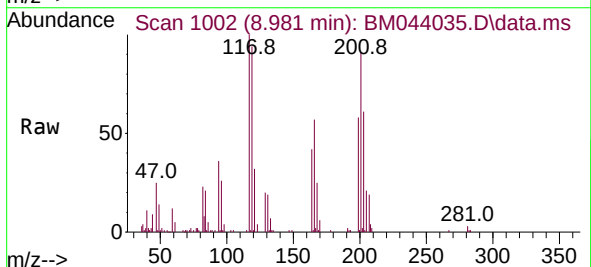
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

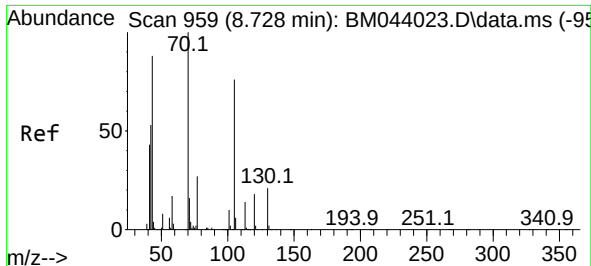
Tgt Ion:	107	Resp:	101425
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.4	140.2
77	43.8	34.7	52.1
79	42.0	32.7	49.1



#18
Hexachloroethane
Concen: 3.647 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:	117	Resp:	53896
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.7	113.5
201	91.4	71.5	107.3

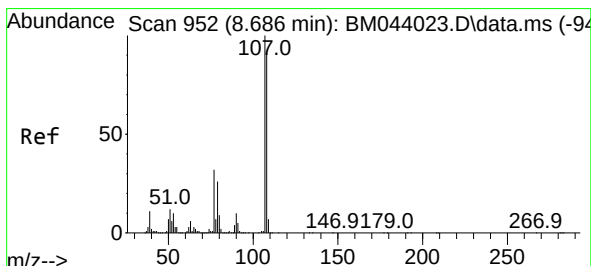
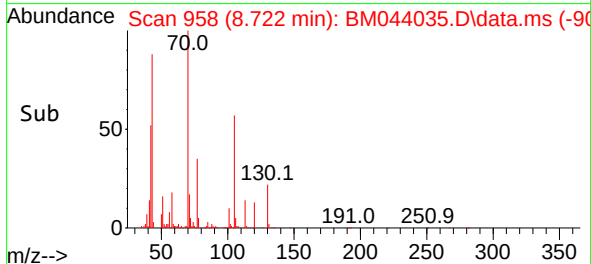
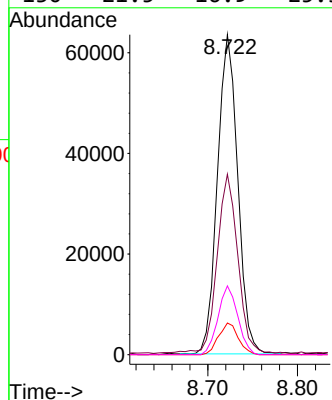
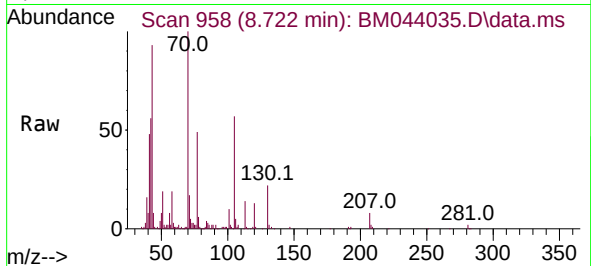




#19
n-Nitroso-di-n-propylamine
Concen: 3.864 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

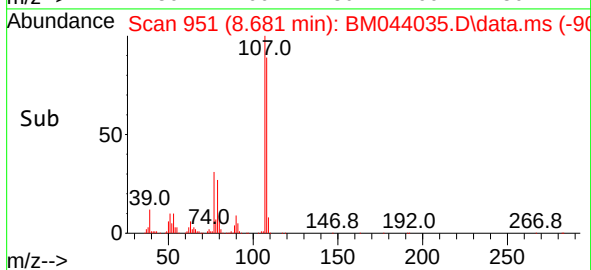
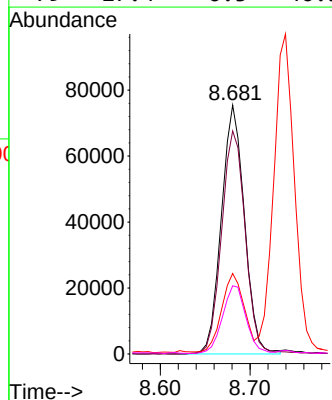
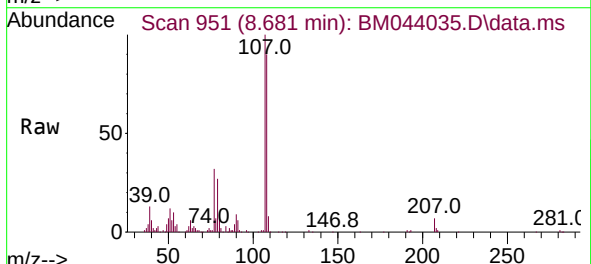
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

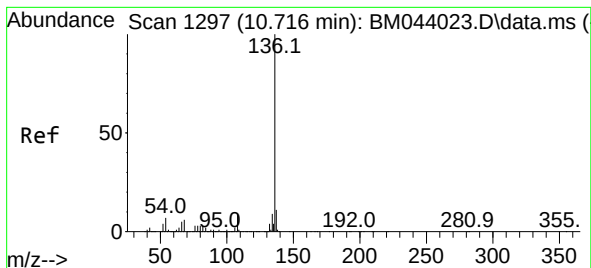
Tgt Ion: 70	Resp: 99704
Ion Ratio	Lower Upper
70 100	
42 56.4	42.6 64.0
101 9.9	7.8 11.6
130 21.5	16.9 25.3



#20
3+4-Methylphenols
Concen: 3.507 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt	Ion:107	Resp:	134388
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	32.3	11.8	51.8
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:136 Resp: 2059380

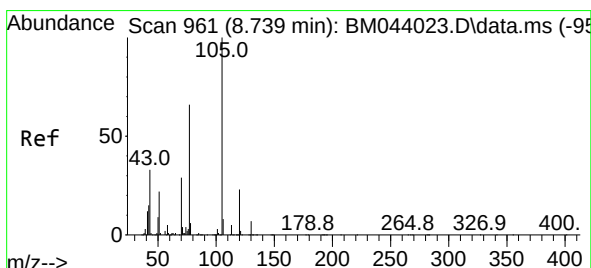
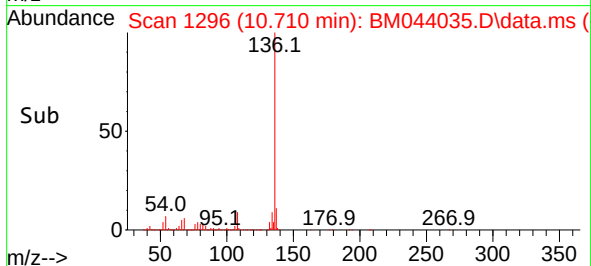
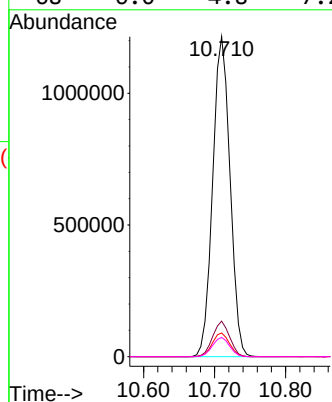
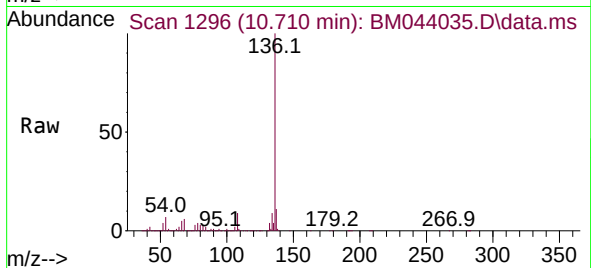
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 5.9 8.9

68 6.0 4.8 7.2



#22

Acetophenone

Concen: 3.921 ng

RT: 8.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Tgt Ion:105 Resp: 204976

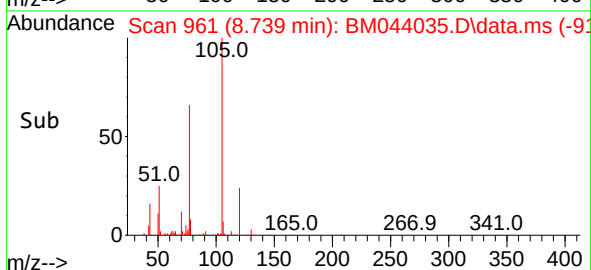
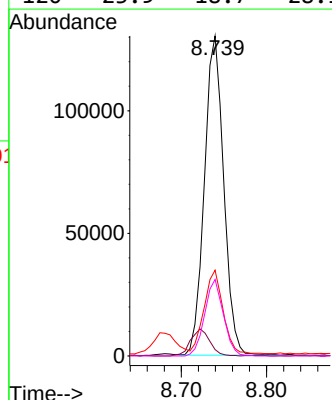
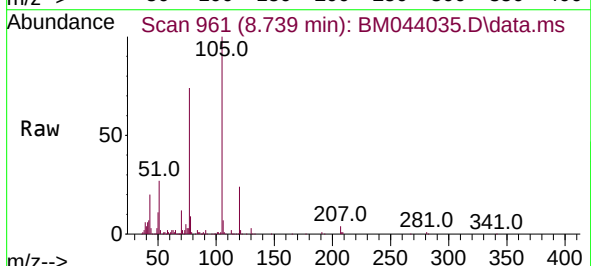
Ion Ratio Lower Upper

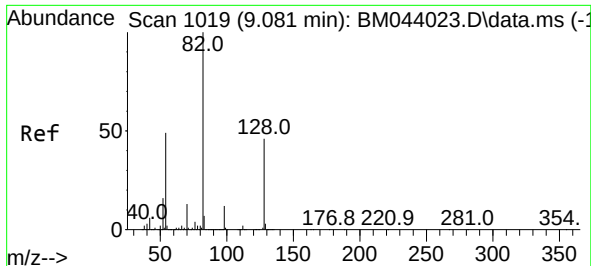
105 100

71 2.0 4.0 6.0#

51 26.8 20.1 30.1

120 23.9 18.7 28.1

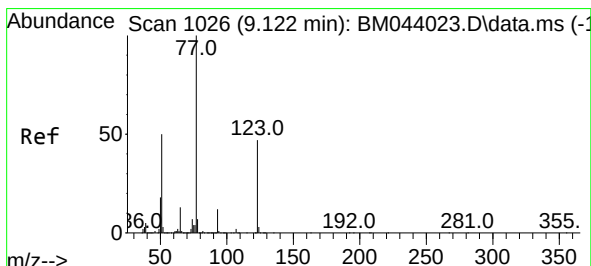
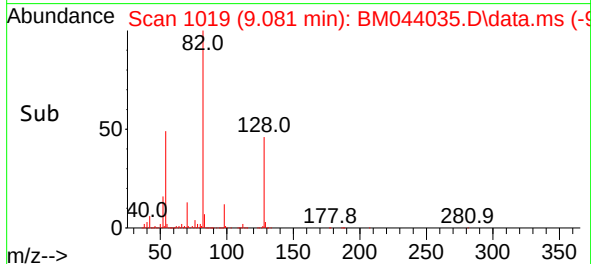
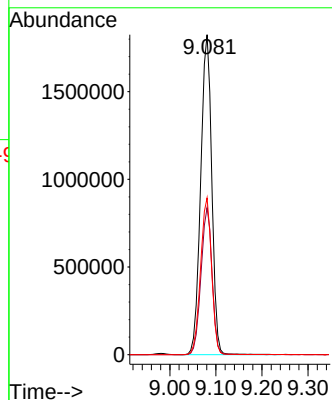
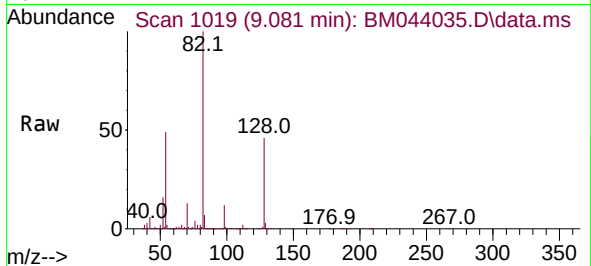




#23
Nitrobenzene-d5
Concen: 78.716 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

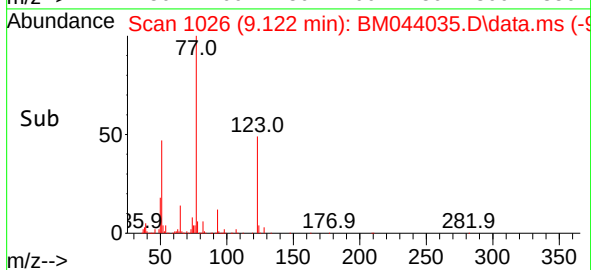
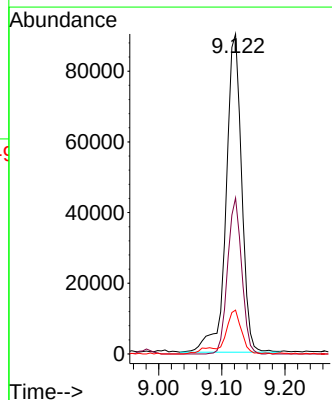
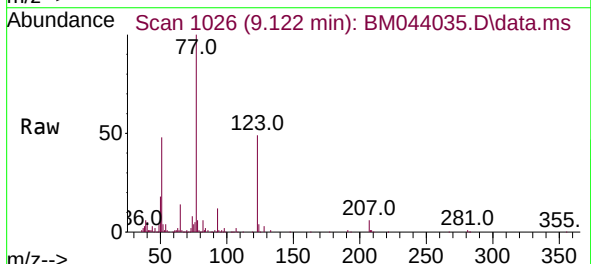
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

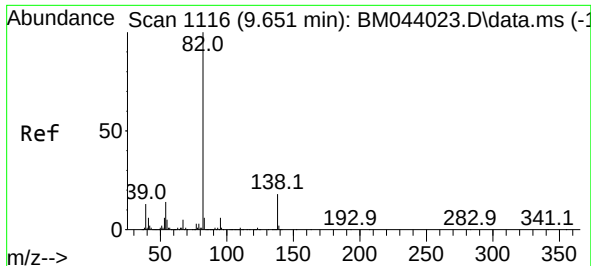
Tgt Ion: 82 Resp: 3054942
Ion Ratio Lower Upper
82 100
128 46.0 37.1 55.7
54 49.0 38.9 58.3



#24
Nitrobenzene
Concen: 3.879 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 77 Resp: 154168
Ion Ratio Lower Upper
77 100
123 48.7 37.8 56.8
65 13.7 10.5 15.7

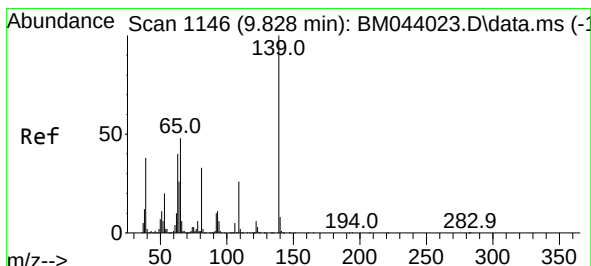
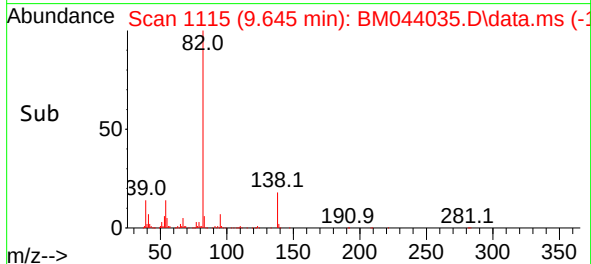
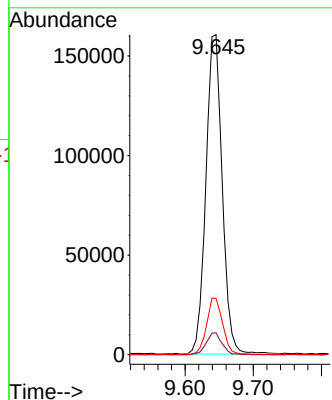
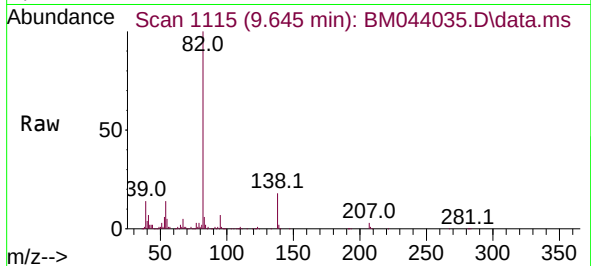




#25
Isophorone
Concen: 3.581 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

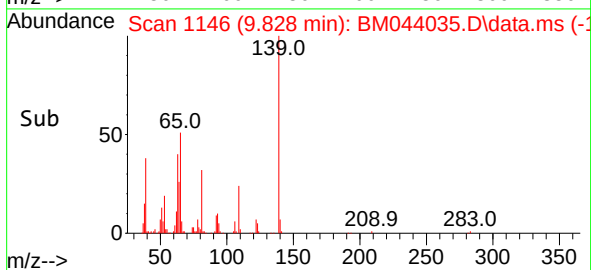
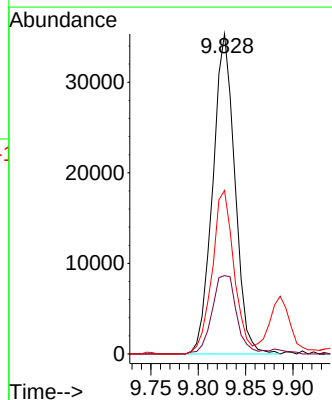
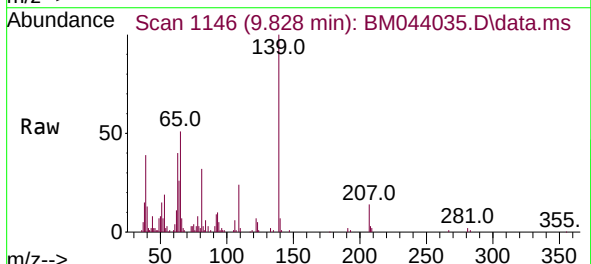
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

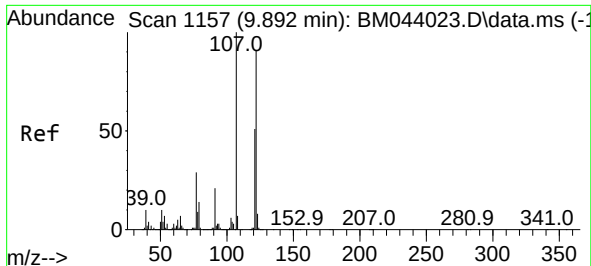
Tgt Ion: 82 Resp: 267633
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.6 14.3 21.5



#26
2-Nitrophenol
Concen: 3.108 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:139 Resp: 57266
Ion Ratio Lower Upper
139 100
109 24.5 21.2 31.8
65 51.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 4.062 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044035.D

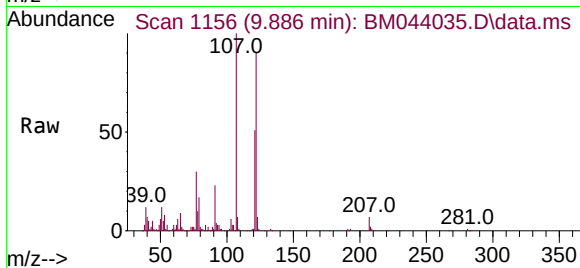
Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



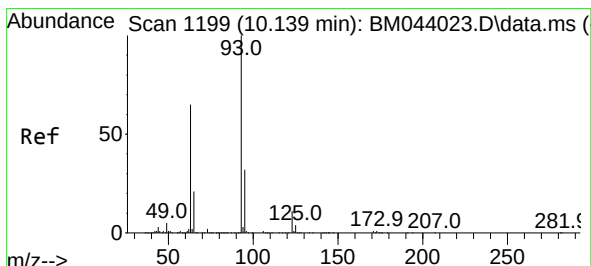
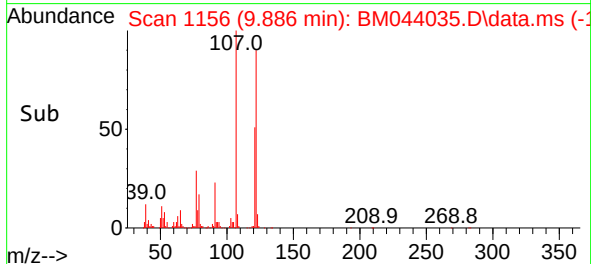
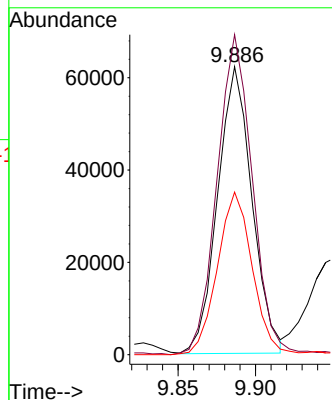
Tgt Ion:122 Resp: 95712

Ion Ratio Lower Upper

122 100

107 111.1 87.8 131.8

121 56.4 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.688 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

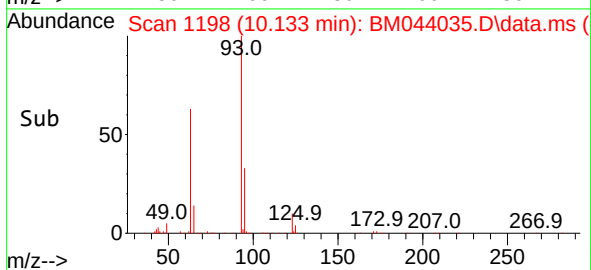
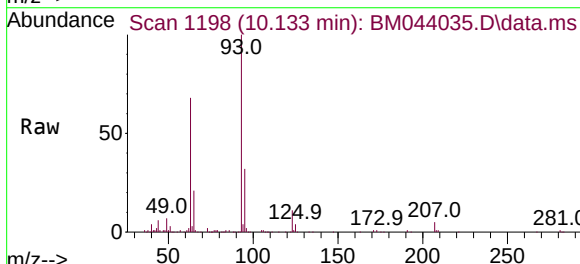
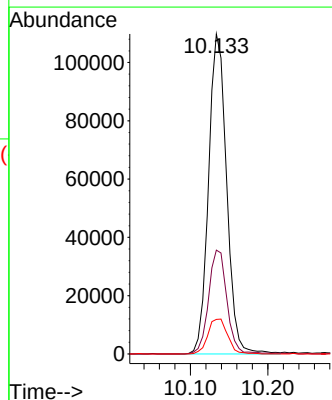
Tgt Ion: 93 Resp: 178217

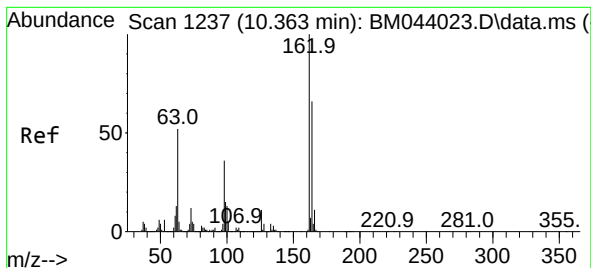
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.364 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

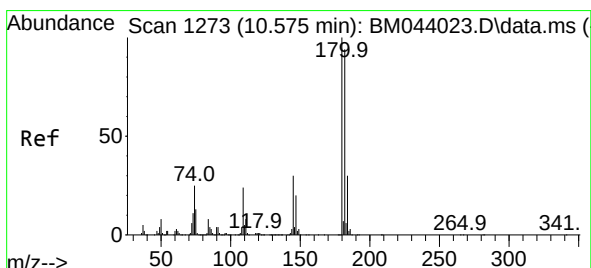
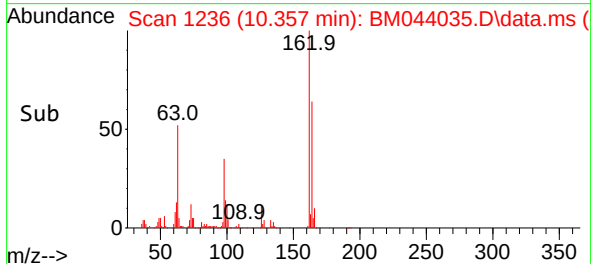
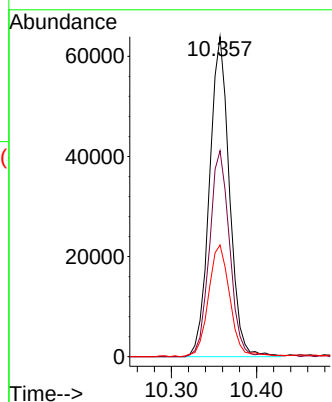
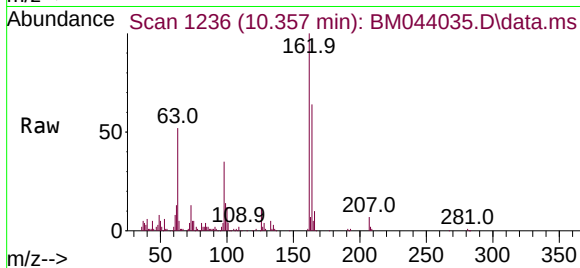
Tgt Ion:162 Resp: 104361

Ion Ratio Lower Upper

162 100

164 64.3 46.1 86.1

98 34.9 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 3.619 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

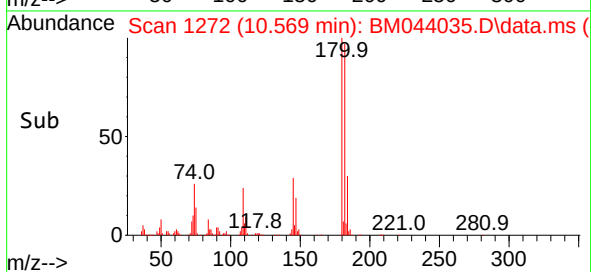
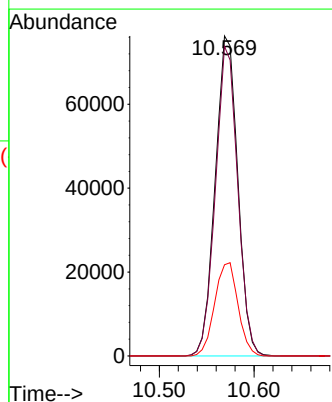
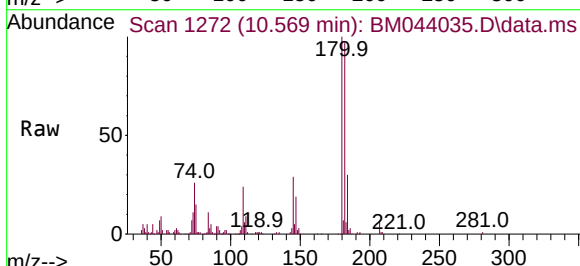
Tgt Ion:180 Resp: 126220

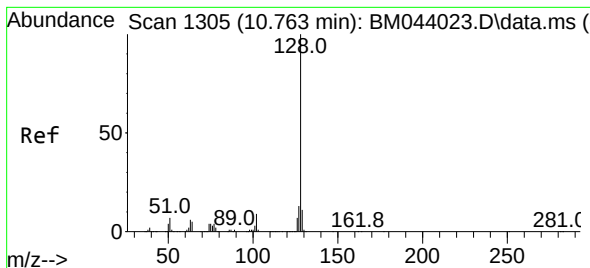
Ion Ratio Lower Upper

180 100

182 96.8 75.2 112.8

145 28.5 24.3 36.5





#31

Naphthalene

Concen: 3.709 ng

RT: 10.757 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

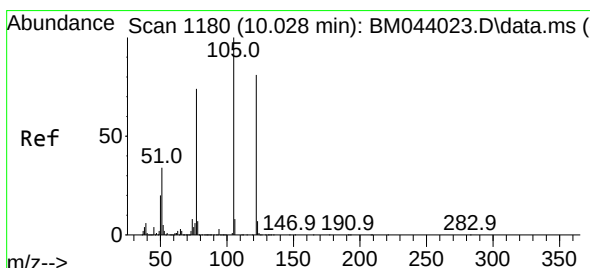
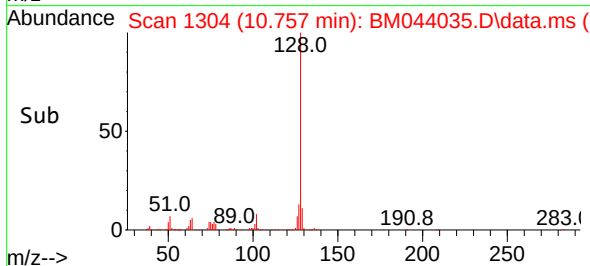
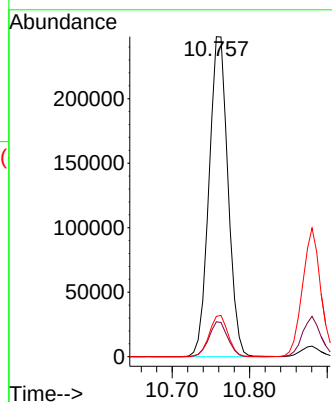
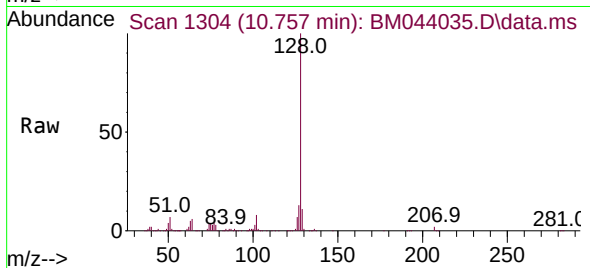
Tgt Ion:128 Resp: 421515

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 12.6 10.3 15.5



#32

Benzoic acid

Concen: 1.769 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.077 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

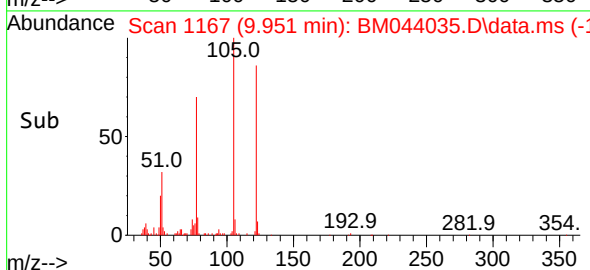
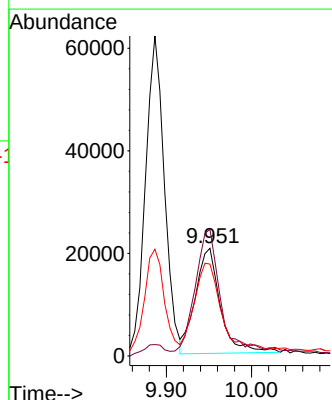
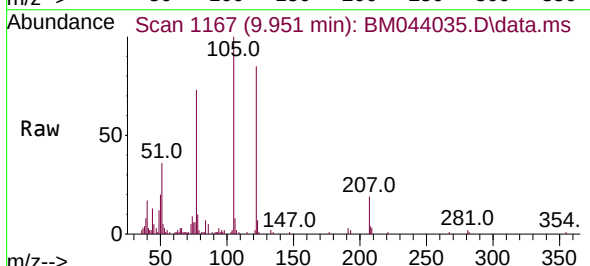
Tgt Ion:122 Resp: 41993

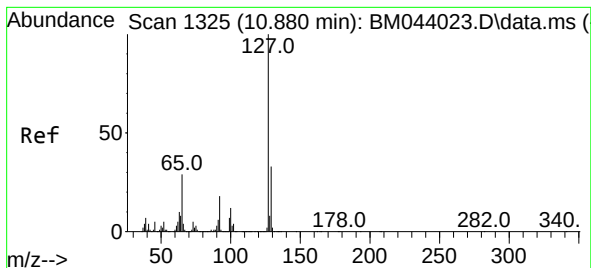
Ion Ratio Lower Upper

122 100

105 117.5 100.1 140.1

77 85.3 69.6 109.6

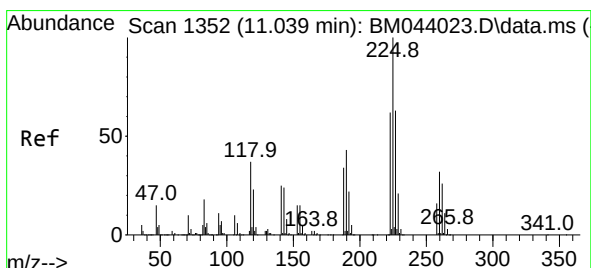
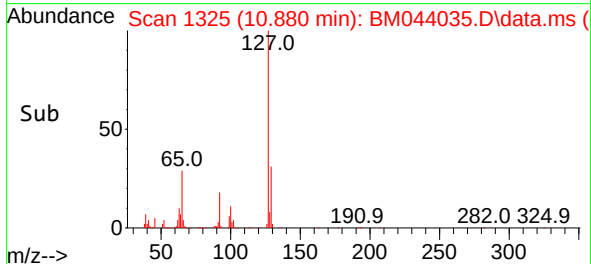
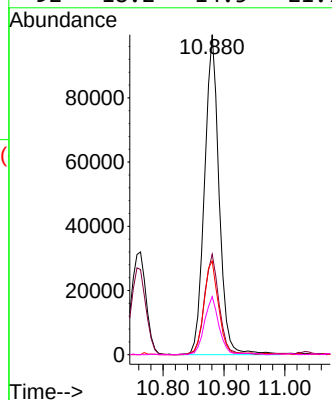
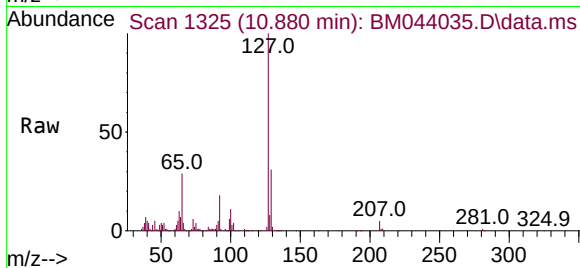




#33
4-Chloroaniline
Concen: 3.866 ng
RT: 10.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

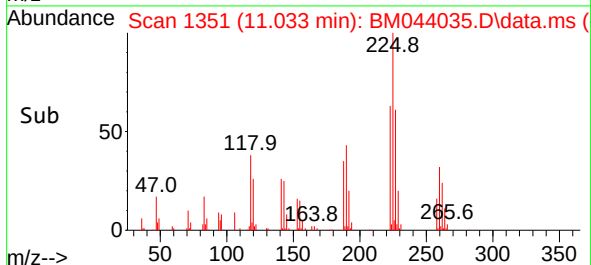
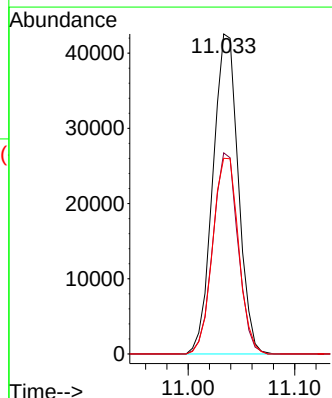
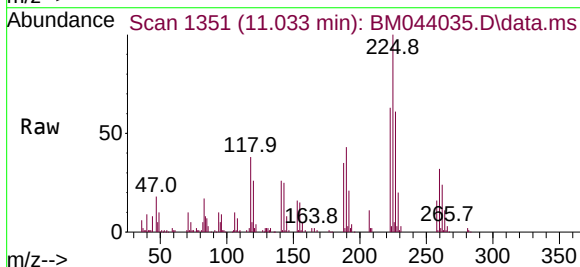
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

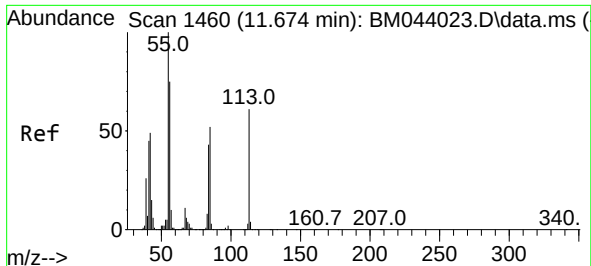
Tgt Ion:	127	Resp:	166371
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	29.2	23.0	34.6
92	18.2	14.5	21.7



#34
Hexachlorobutadiene
Concen: 3.518 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:	225	Resp:	70238
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.9	74.9
227	61.2	50.6	76.0

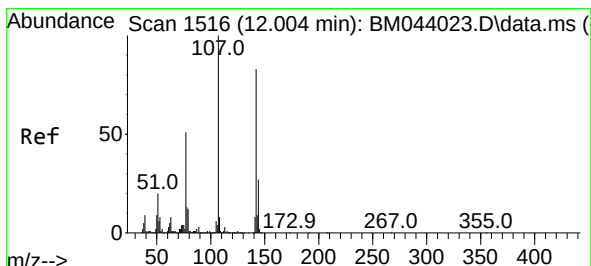
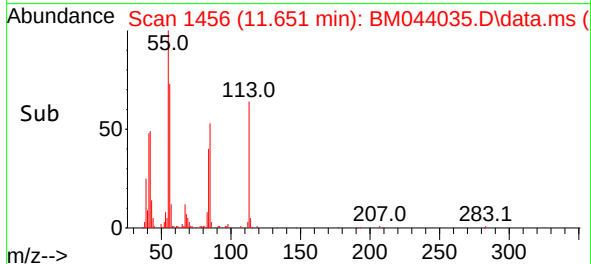
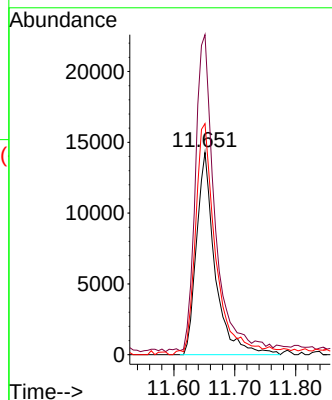
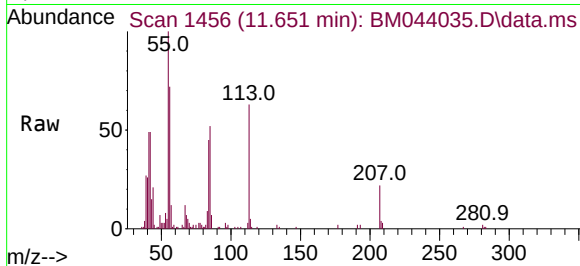




#35
Caprolactam
Concen: 3.034 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

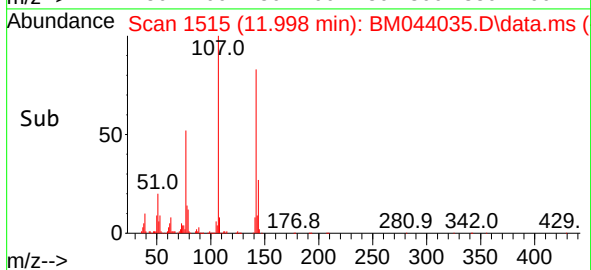
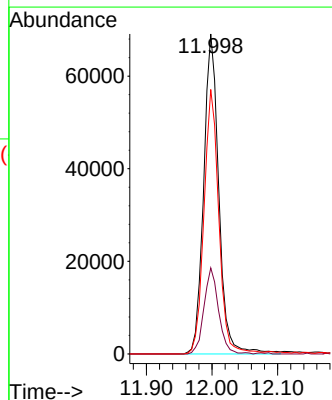
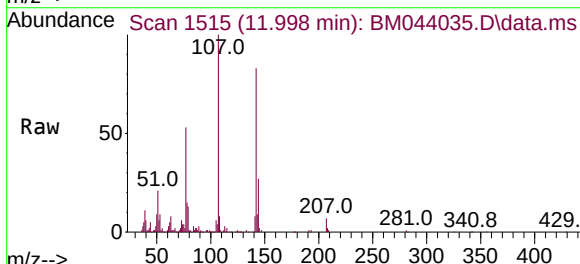
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

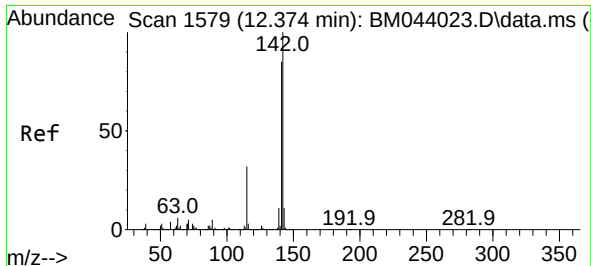
Tgt Ion:113 Resp: 30289
Ion Ratio Lower Upper
113 100
55 158.2 145.6 185.6
56 114.2 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 3.326 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:107 Resp: 111715
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 82.7 66.2 99.4





#37

2-Methylnaphthalene

Concen: 3.673 ng

RT: 12.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

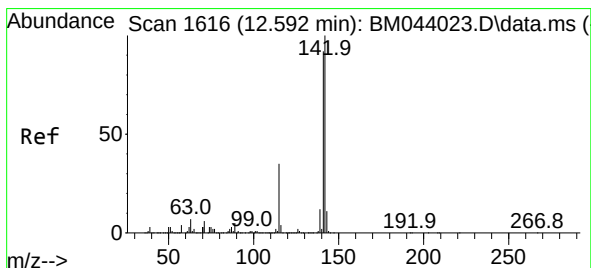
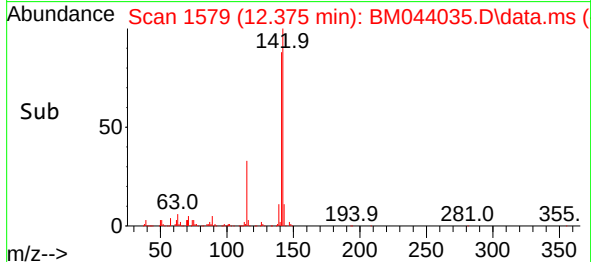
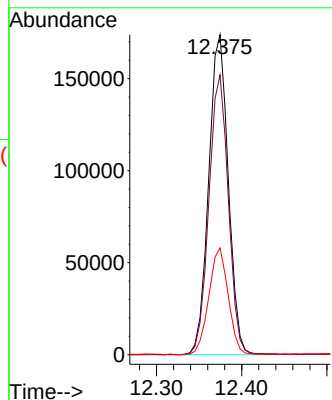
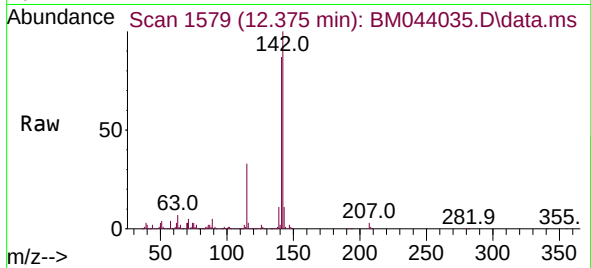
Tgt Ion:142 Resp: 278114

Ion Ratio Lower Upper

142 100

141 87.4 68.3 102.5

115 33.4 25.7 38.5



#38

1-Methylnaphthalene

Concen: 3.642 ng

RT: 12.592 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

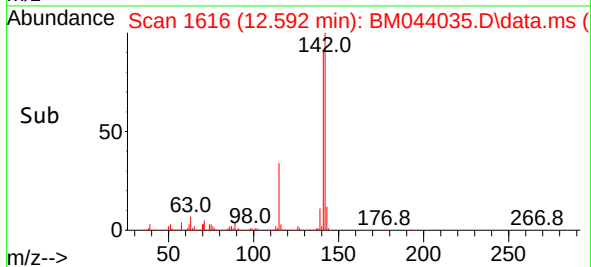
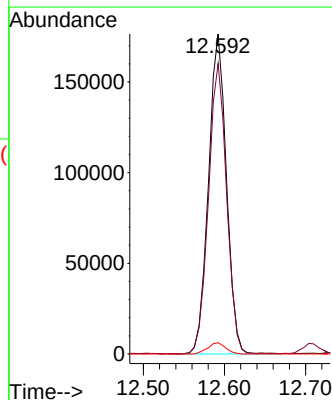
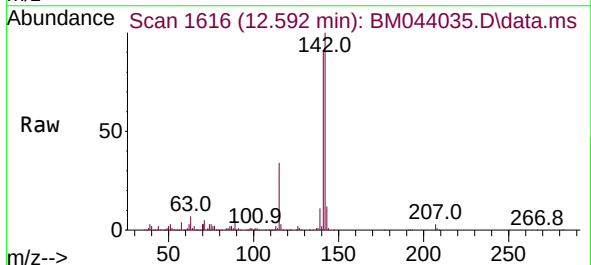
Tgt Ion:142 Resp: 270962

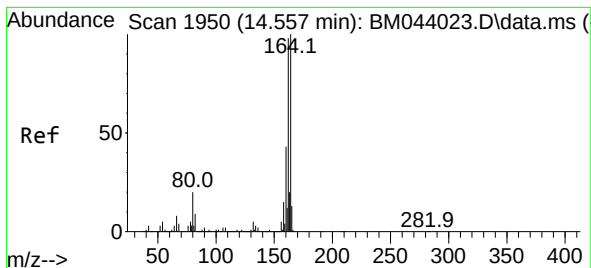
Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.0

116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

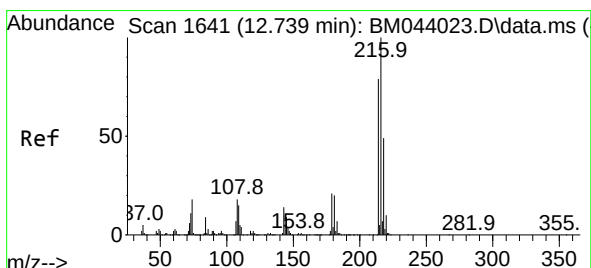
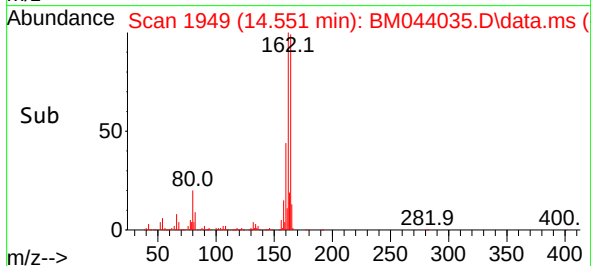
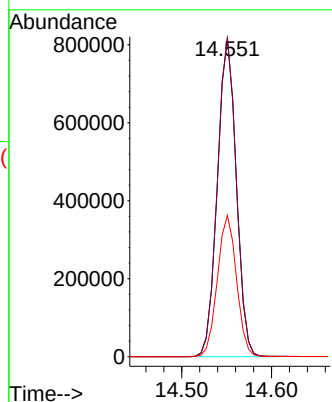
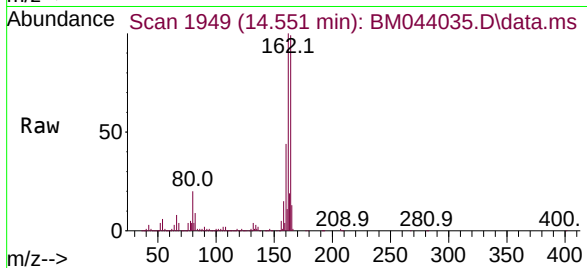
Tgt Ion:164 Resp: 1193420

Ion Ratio Lower Upper

164 100

162 100.8 78.4 117.6

160 44.5 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.863 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Tgt Ion:216 Resp: 133986

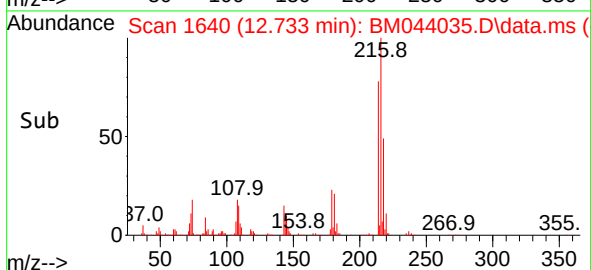
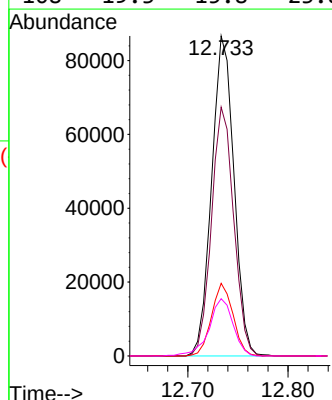
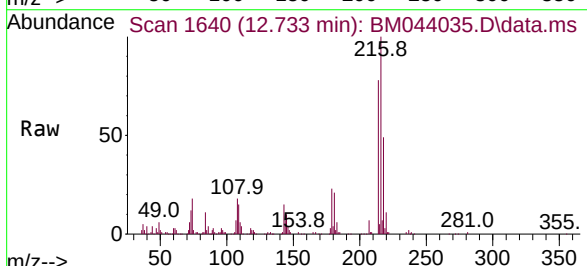
Ion Ratio Lower Upper

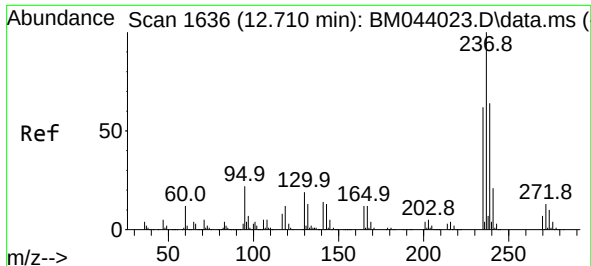
216 100

214 77.5 63.1 94.7

179 21.8 17.0 25.6

108 19.3 15.8 23.8

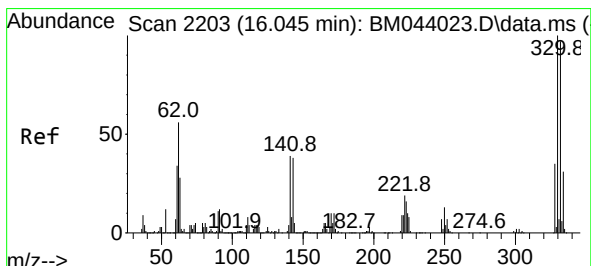
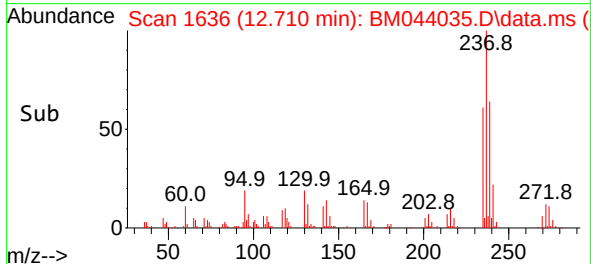
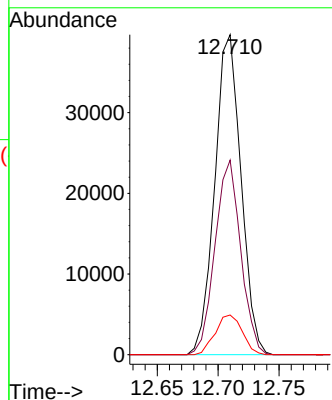
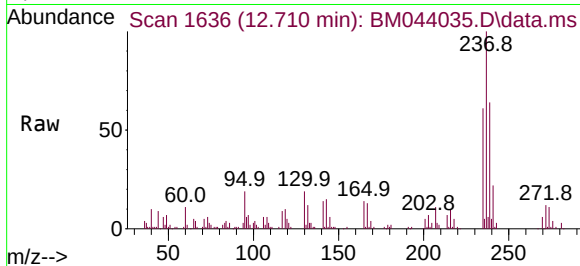




#41
Hexachlorocyclopentadiene
Concen: 3.932 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

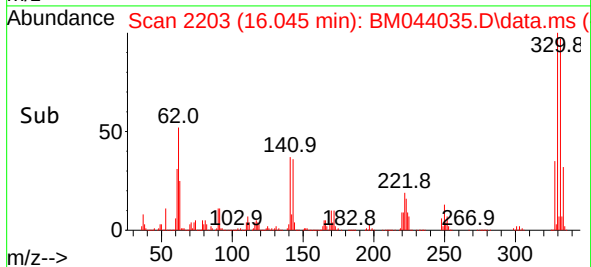
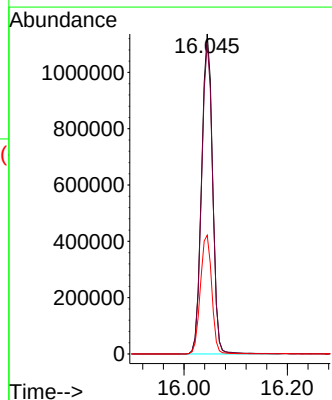
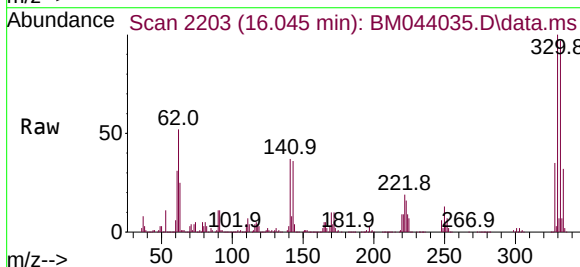
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

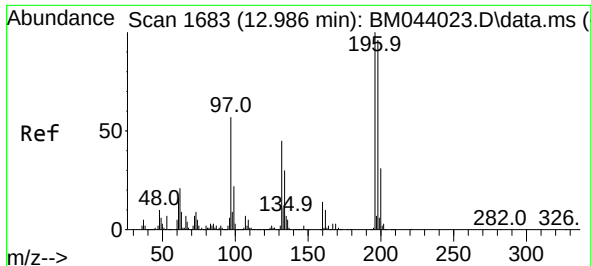
Tgt Ion:237 Resp: 59522
Ion Ratio Lower Upper
237 100
235 60.8 42.4 82.4
272 12.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 129.985 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:330 Resp: 1679602
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 38.3 31.0 46.4

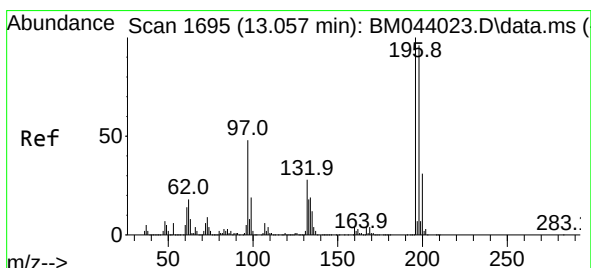
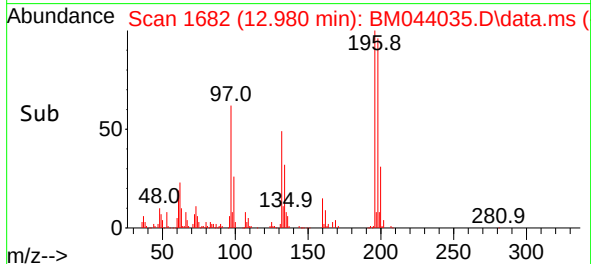
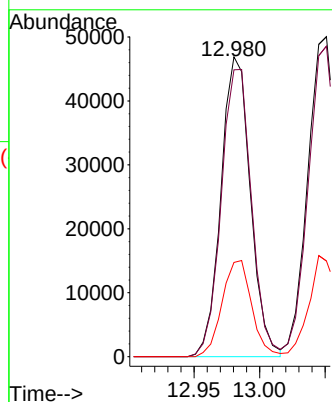
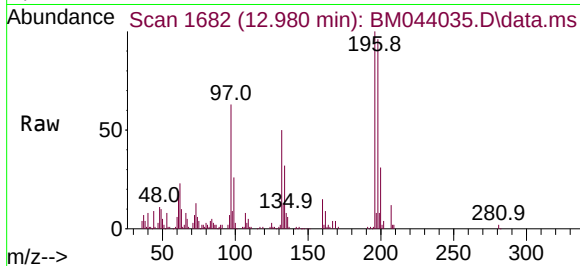




#43
2,4,6-Trichlorophenol
Concen: 3.105 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

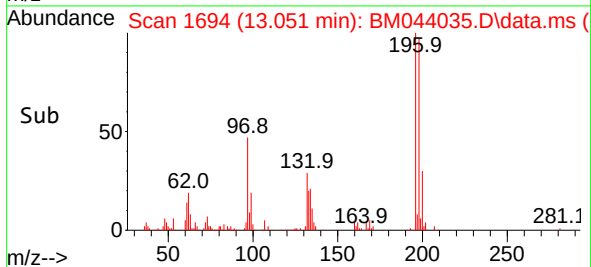
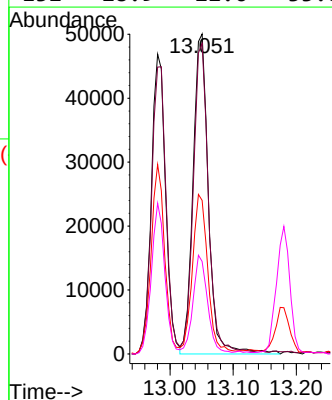
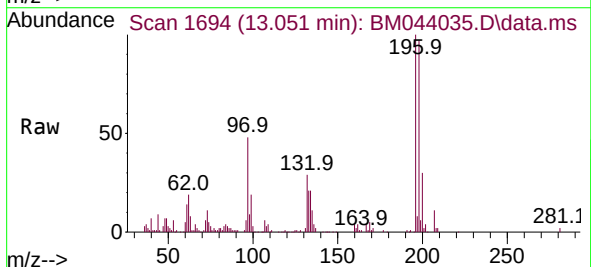
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

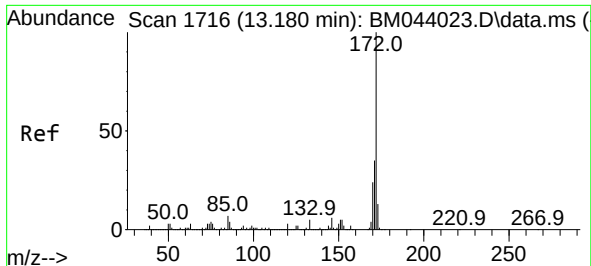
Tgt Ion:196 Resp: 73295
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 3.288 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:196 Resp: 85191
Ion Ratio Lower Upper
196 100
198 97.0 76.9 115.3
97 48.0 39.0 58.4
132 28.9 22.6 33.8

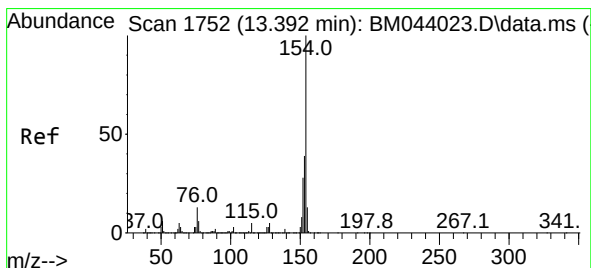
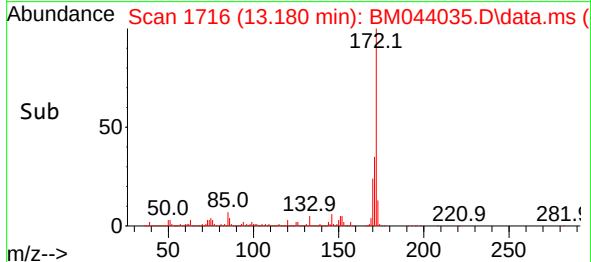
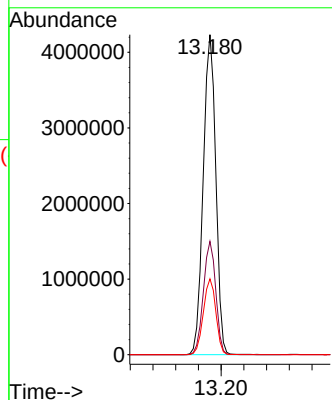
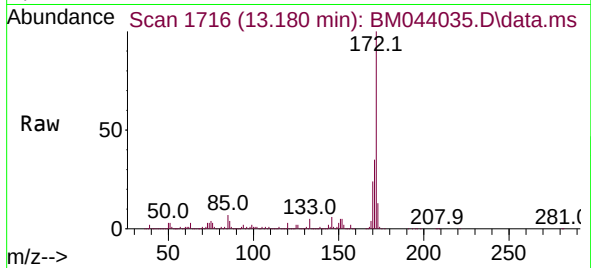




#45
2-Fluorobiphenyl
Concen: 76.722 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

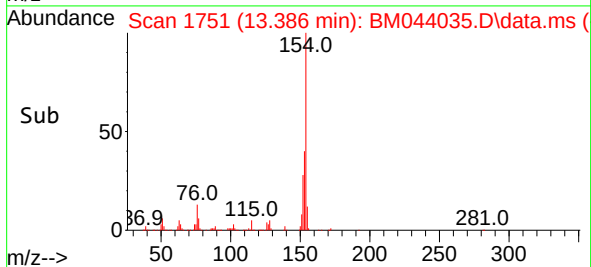
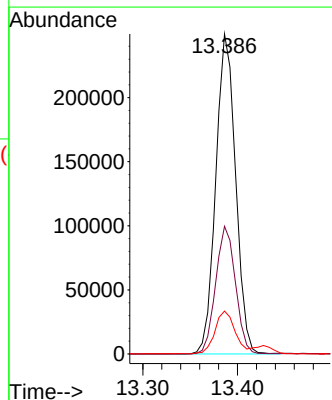
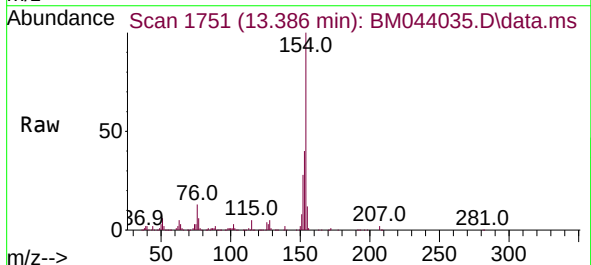
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

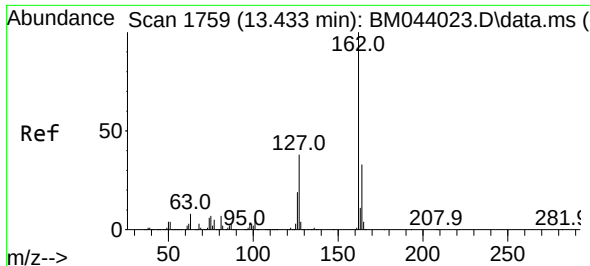
Tgt Ion:172 Resp: 6487610
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 3.861 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:154 Resp: 363624
Ion Ratio Lower Upper
154 100
153 39.9 19.4 59.4
76 13.4 0.0 32.9

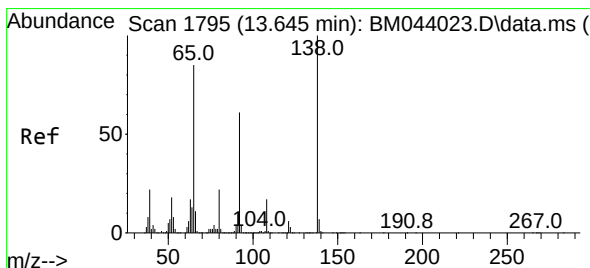
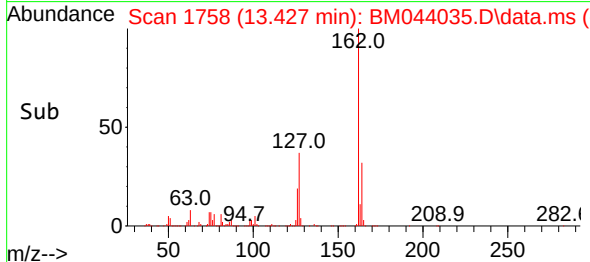
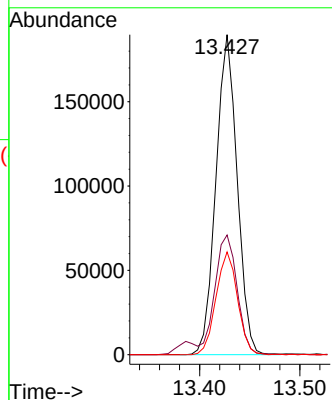
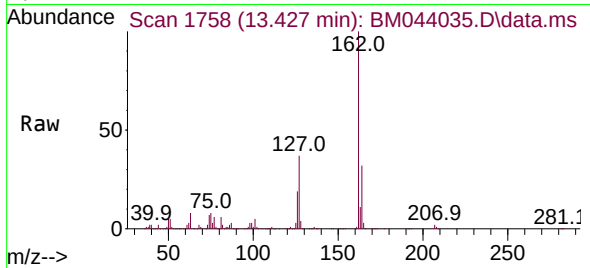




#47
2-Chloronaphthalene
Concen: 3.738 ng
RT: 13.427 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

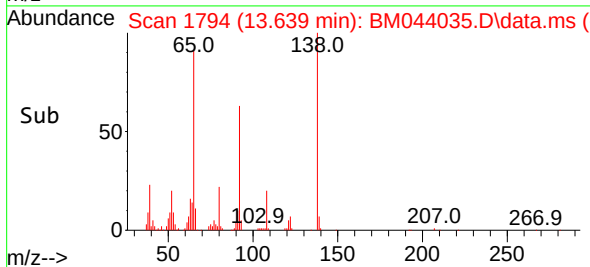
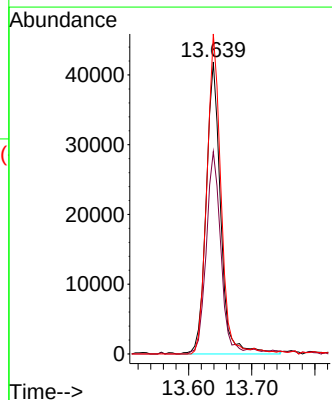
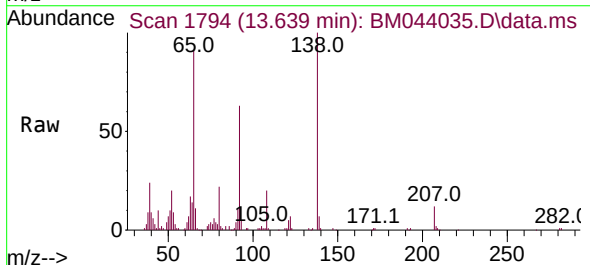
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

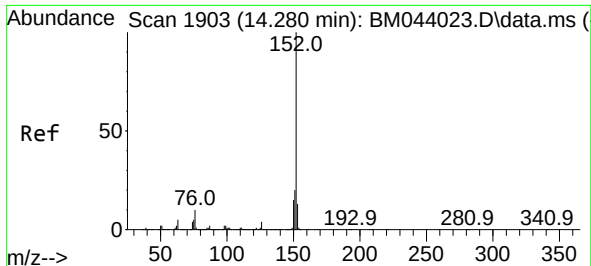
Tgt Ion:162 Resp: 278806
Ion Ratio Lower Upper
162 100
127 37.4 30.9 46.3
164 32.1 26.4 39.6



#48
2-Nitroaniline
Concen: 3.186 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion: 65 Resp: 66862
Ion Ratio Lower Upper
65 100
92 69.3 58.1 87.1
138 109.6 94.6 142.0

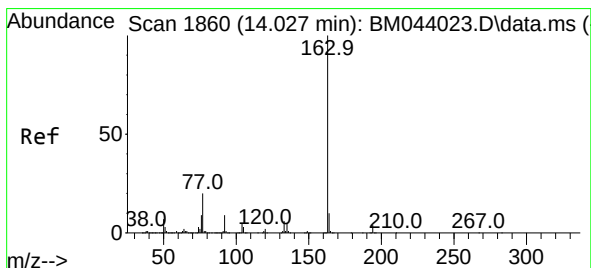
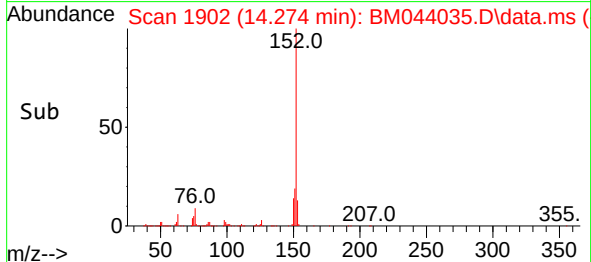
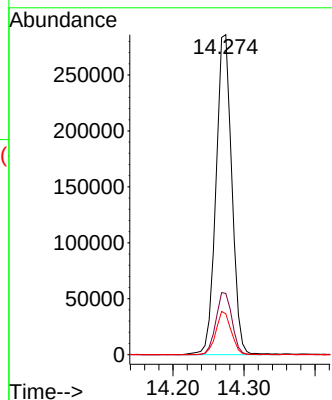
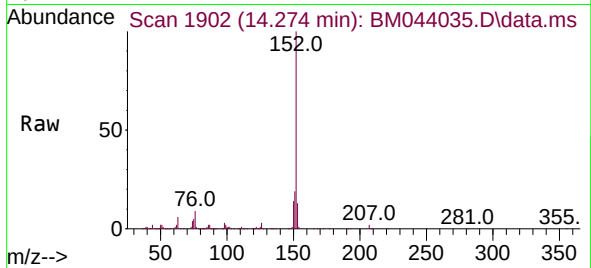




#49
Acenaphthylene
Concen: 3.966 ng
RT: 14.274 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

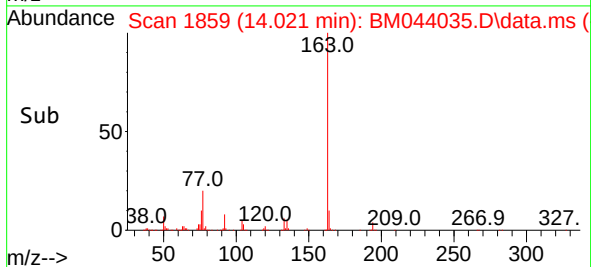
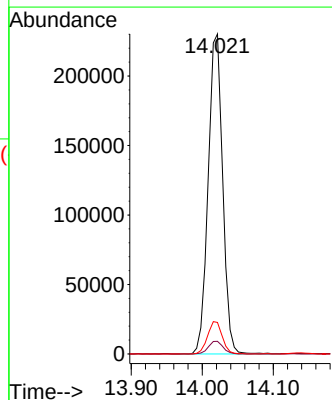
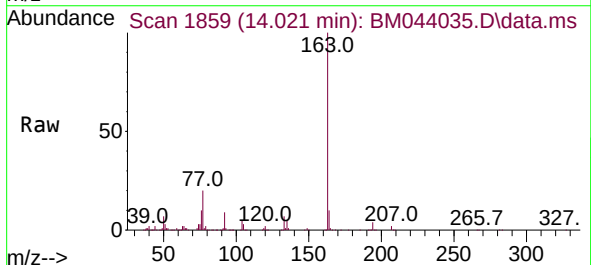
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

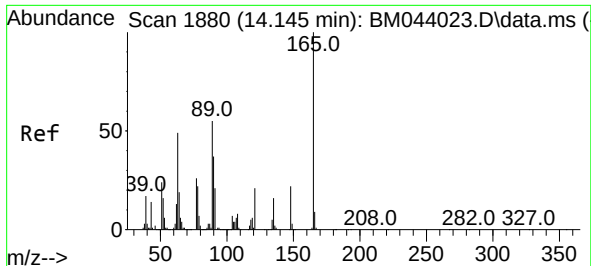
Tgt Ion:152 Resp: 441358
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 3.702 ng
RT: 14.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:163 Resp: 327551
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.2

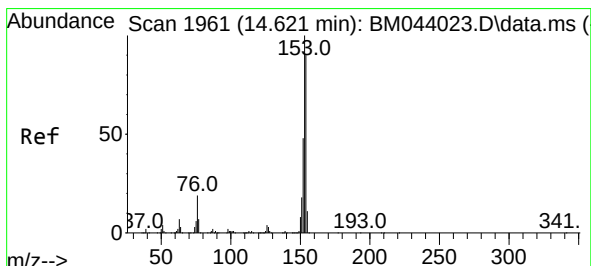
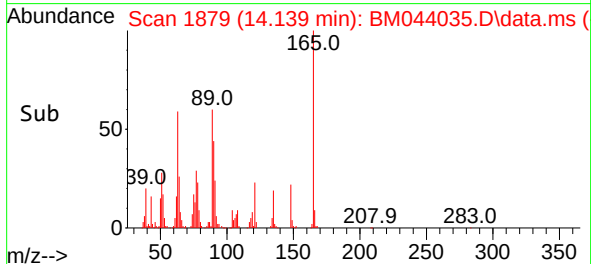
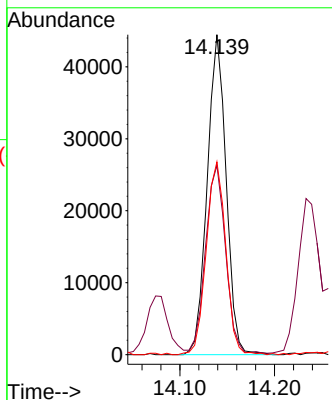
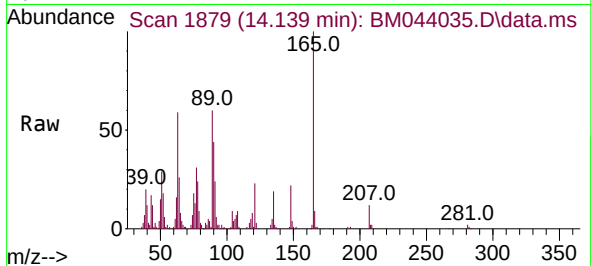




#51
2,6-Dinitrotoluene
Concen: 3.159 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

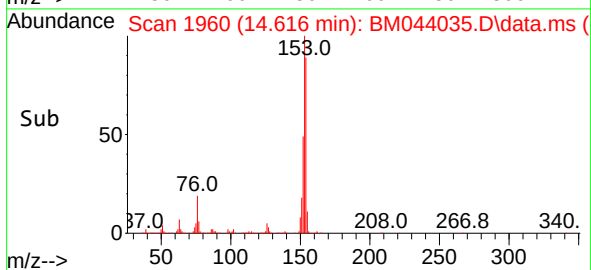
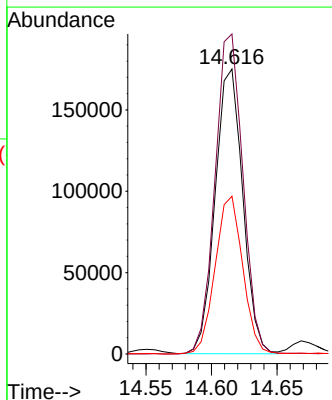
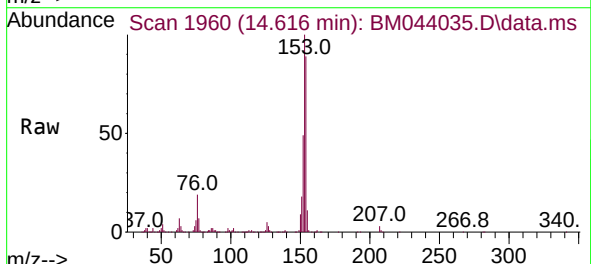
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

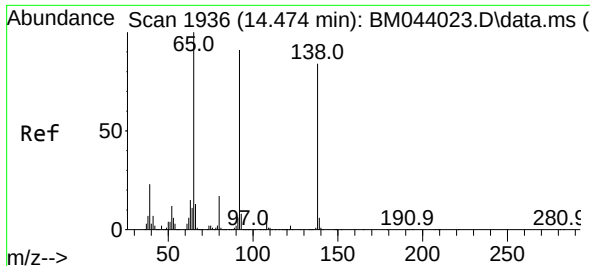
Tgt Ion:165 Resp: 61662
Ion Ratio Lower Upper
165 100
63 59.2 43.5 65.3
89 60.3 44.4 66.6



#52
Acenaphthene
Concen: 3.722 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:154 Resp: 256326
Ion Ratio Lower Upper
154 100
153 112.3 89.3 133.9
152 55.4 43.0 64.6

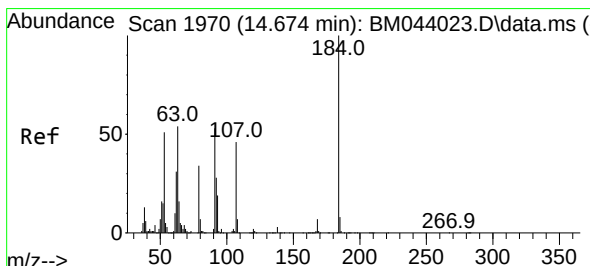
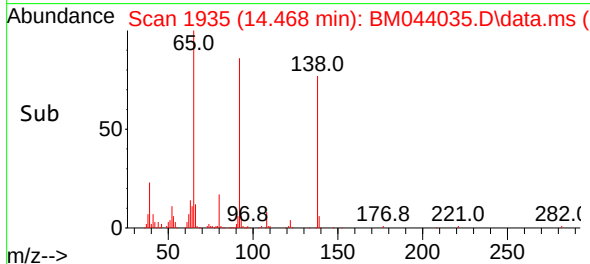
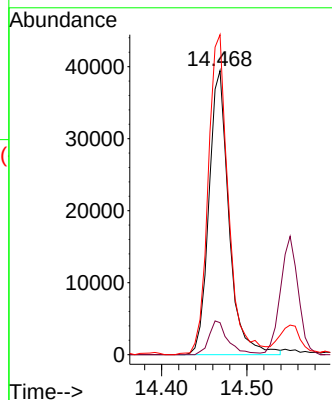
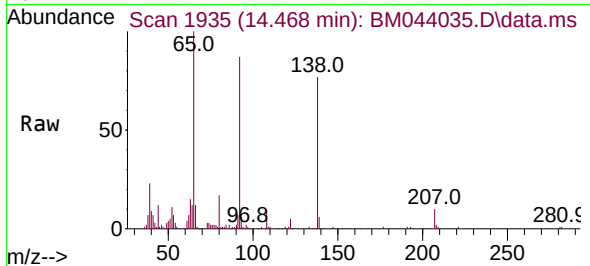




#53
3-Nitroaniline
Concen: 3.065 ng
RT: 14.468 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

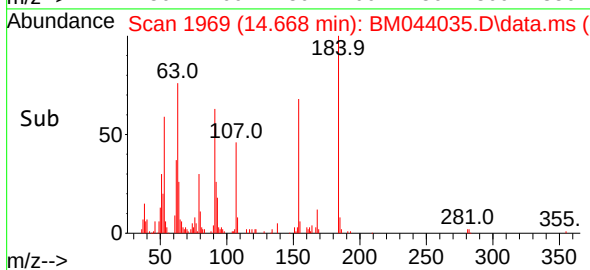
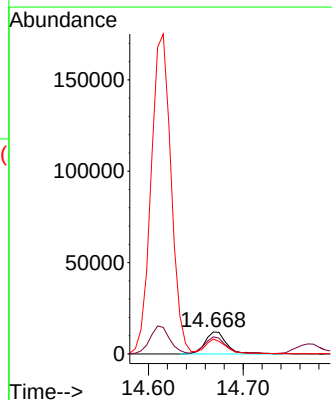
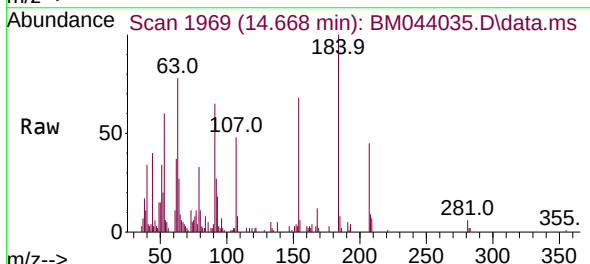
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

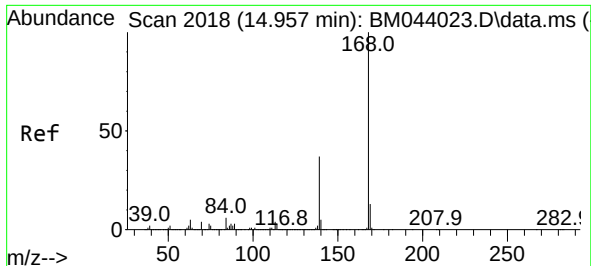
Tgt Ion:138 Resp: 64305
Ion Ratio Lower Upper
138 100
108 11.3 7.6 11.4
92 112.7 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 7.083 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:184 Resp: 18837
Ion Ratio Lower Upper
184 100
63 78.0 55.4 83.2
154 67.7 49.2 73.8

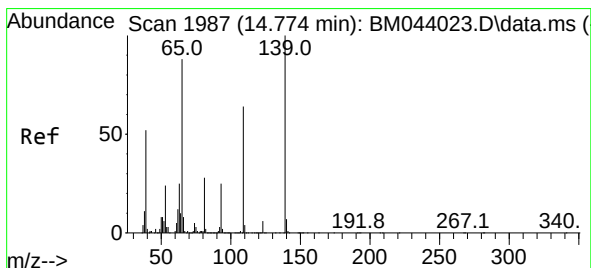
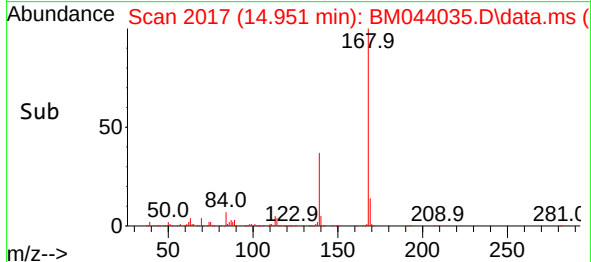
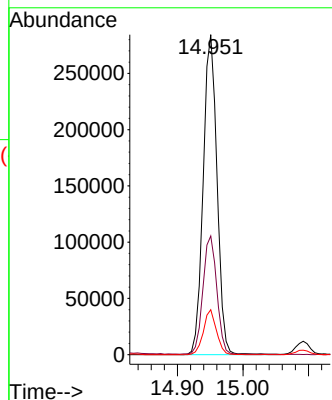
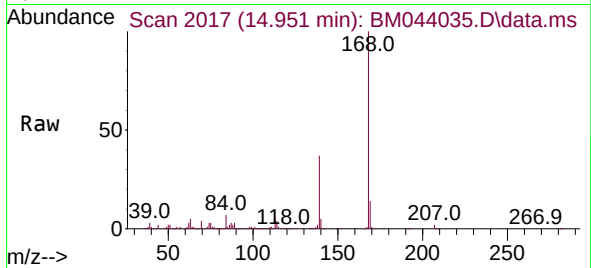




#55
Dibenzofuran
Concen: 3.923 ng
RT: 14.951 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

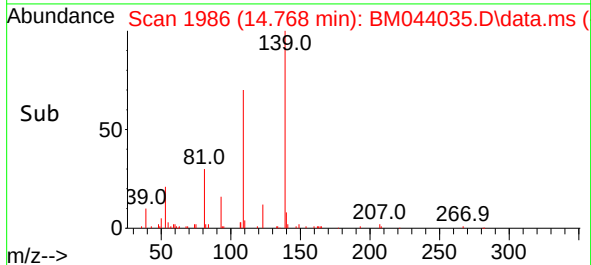
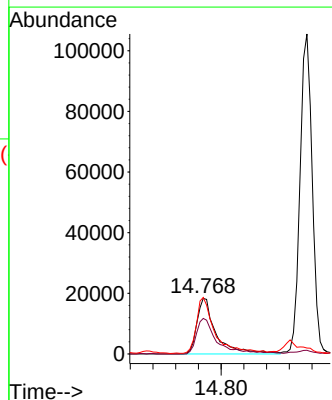
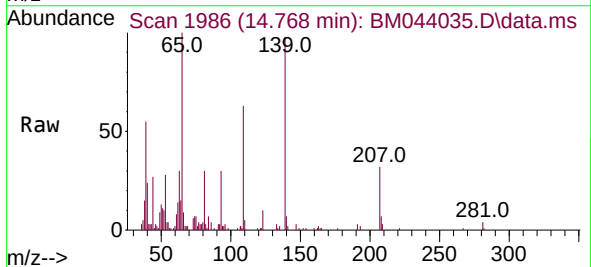
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

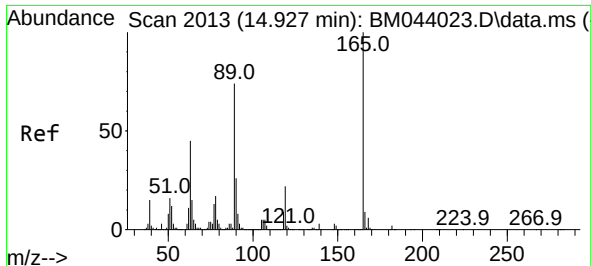
Tgt Ion:168 Resp: 418211
Ion Ratio Lower Upper
168 100
139 37.1 29.6 44.4
169 14.1 10.5 15.7



#56
4-Nitrophenol
Concen: 2.521 ng
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:139 Resp: 43003
Ion Ratio Lower Upper
139 100
109 64.1 43.8 83.8
65 101.6 67.7 107.7

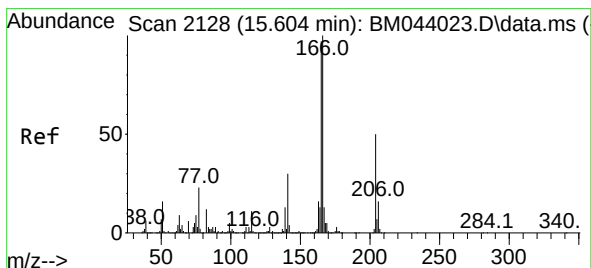
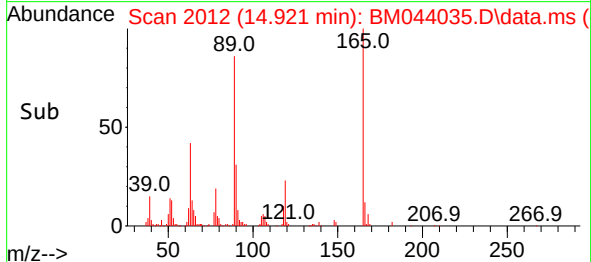
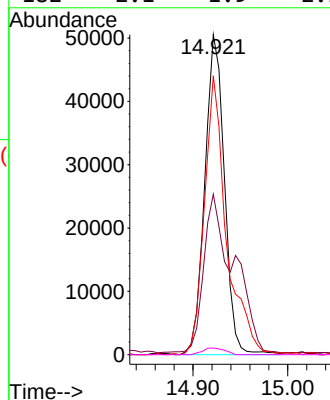
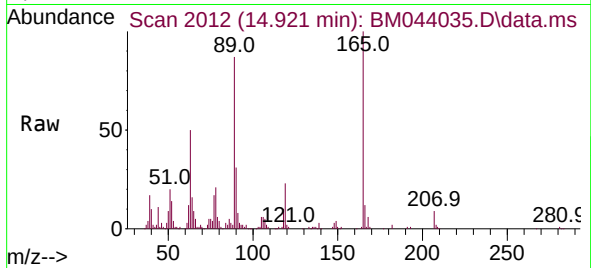




#57
2,4-Dinitrotoluene
Concen: 2.850 ng
RT: 14.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

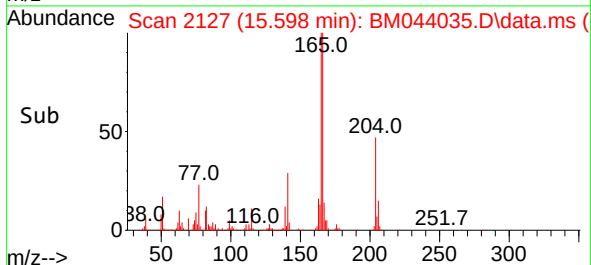
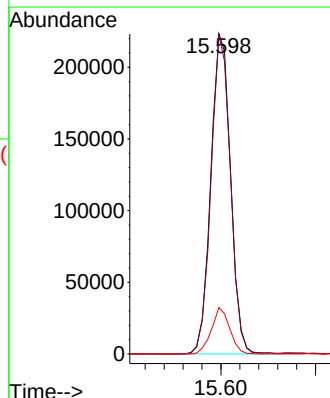
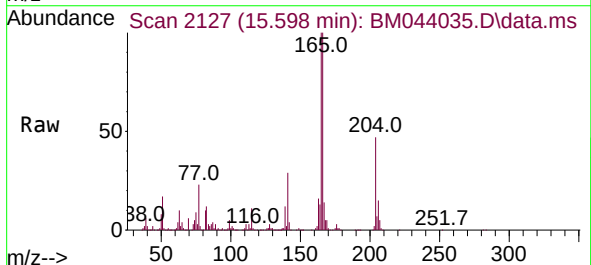
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

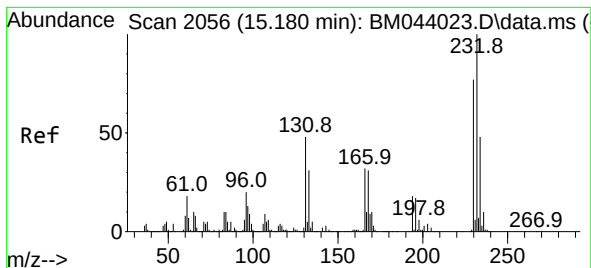
Tgt	Ion:165	Resp:	72716
Ion	Ratio	Lower	Upper
165	100		
63	50.2	35.9	53.9
89	87.1	58.9	88.3
182	2.1	1.9	2.9



#58
Fluorene
Concen: 3.913 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt	Ion:166	Resp:	322316
Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.7	116.5
167	14.5	10.7	16.1

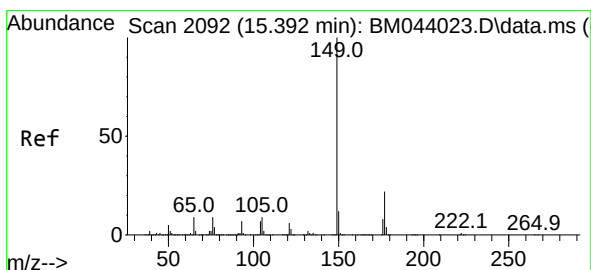
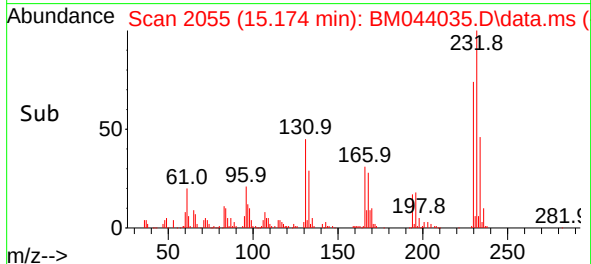
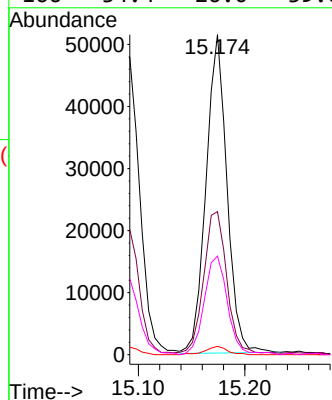
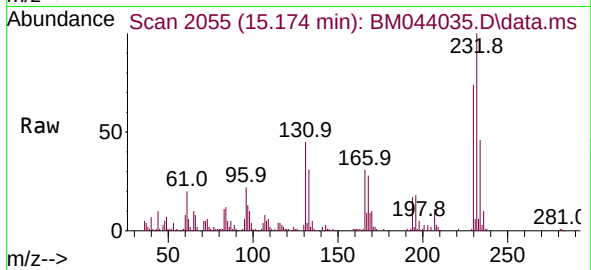




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.452 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

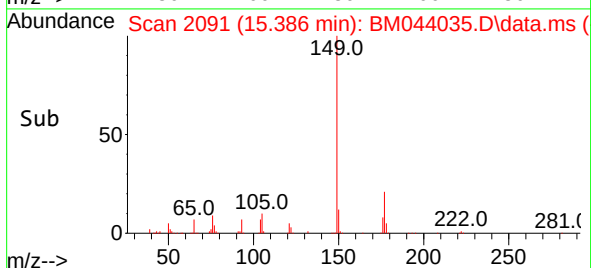
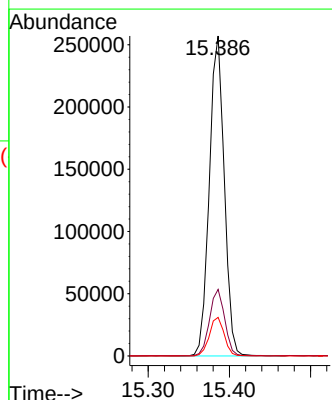
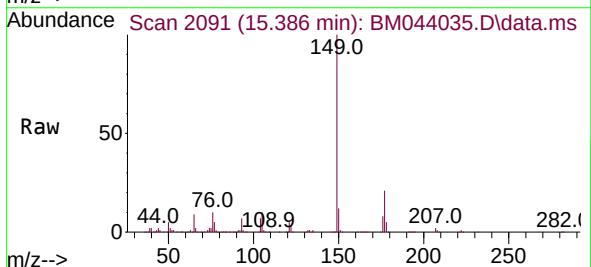
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

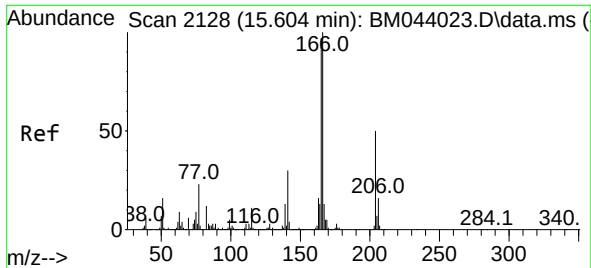
Tgt Ion:232	Resp:	70179
Ion Ratio	Lower	Upper
232	100	
131	49.1	39.5 59.3
130	2.7	2.0 3.0
166	34.4	26.0 39.0



#60
Diethylphthalate
Concen: 3.591 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:149	Resp:	328372
Ion Ratio	Lower	Upper
149	100	
177	20.8	17.5 26.3
150	12.0	9.8 14.6

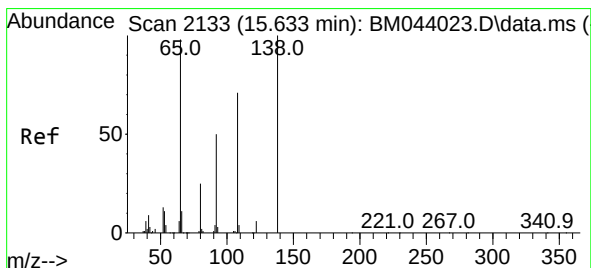
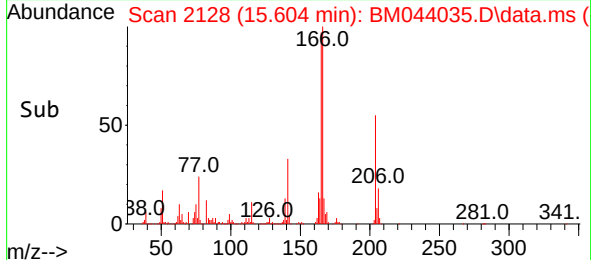
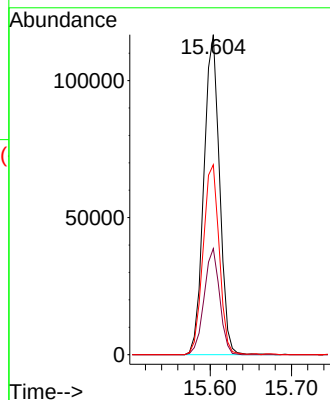
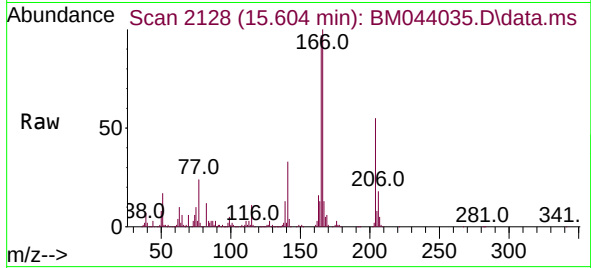




#61
4-Chlorophenyl-phenylether
Concen: 3.914 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

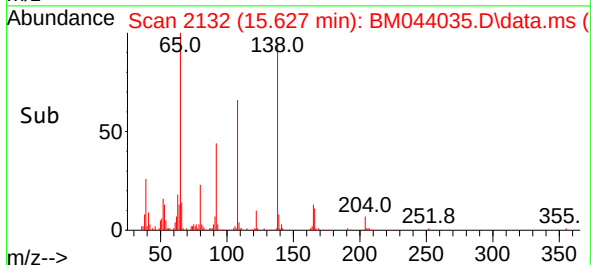
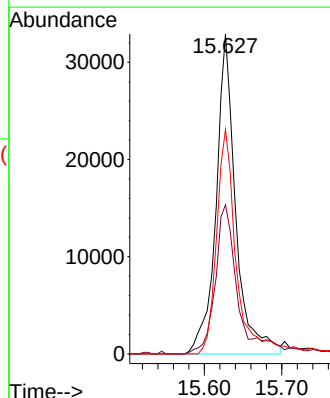
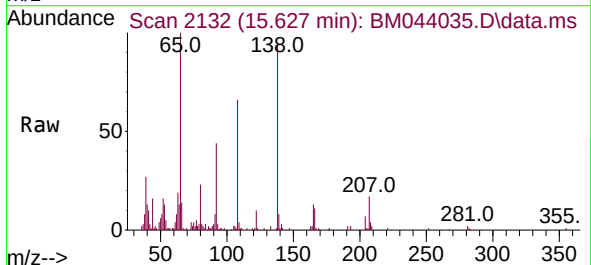
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

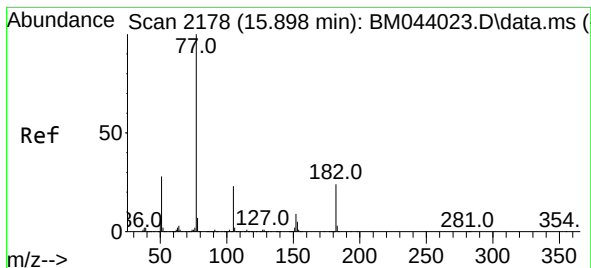
Tgt Ion:204 Resp: 156230
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 59.3 47.7 71.5



#62
4-Nitroaniline
Concen: 2.745 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:138 Resp: 57974
Ion Ratio Lower Upper
138 100
92 46.6 29.6 69.6
108 70.1 47.8 87.8





#63

Azobenzene

Concen: 3.588 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 77 Resp: 307827

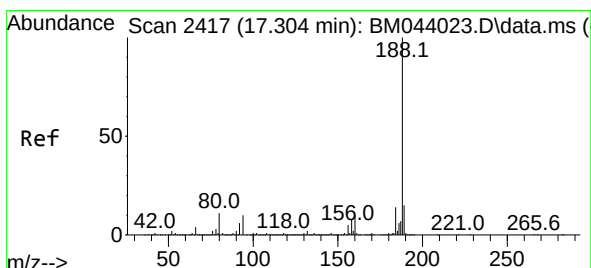
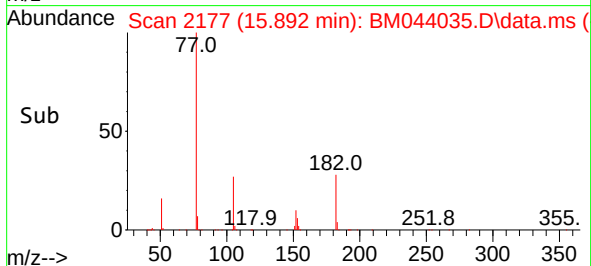
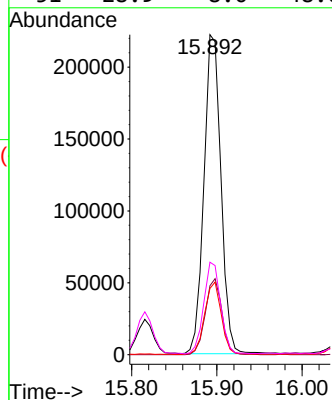
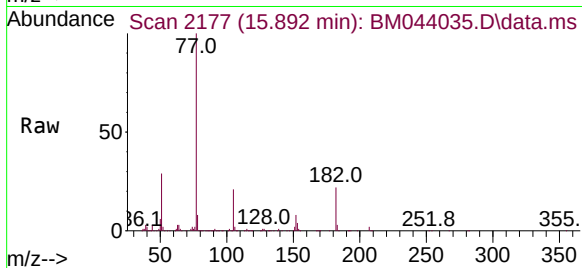
Ion Ratio Lower Upper

77 100

182 21.6 4.0 44.0

105 20.7 3.3 43.3

51 28.9 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

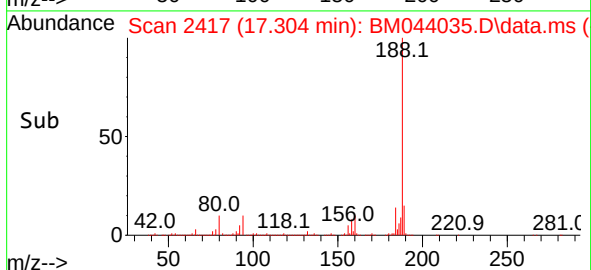
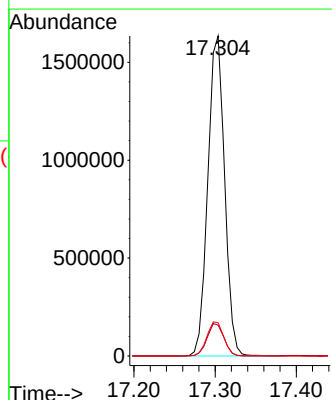
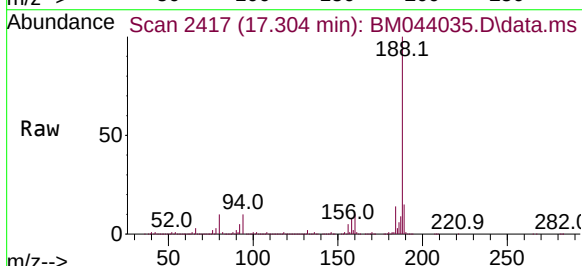
Tgt Ion:188 Resp: 2343805

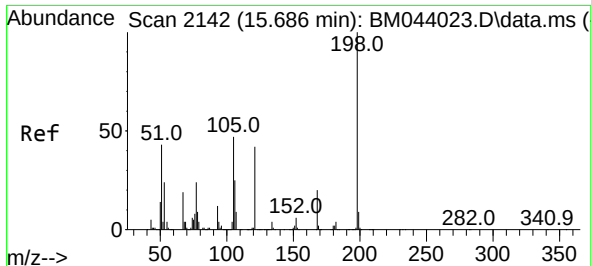
Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 10.4 8.8 13.2

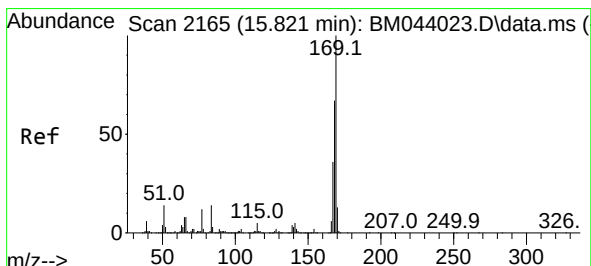
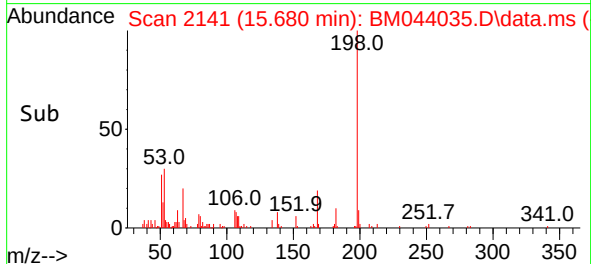
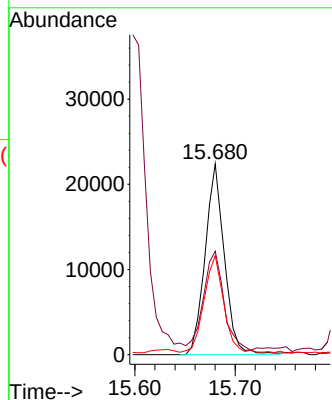
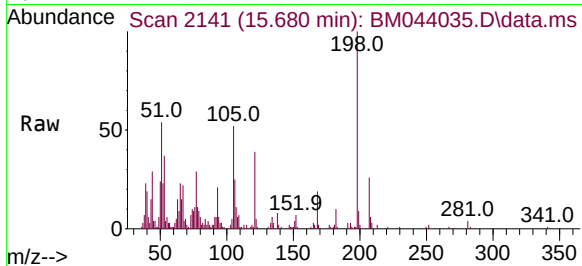




#65
4,6-Dinitro-2-methylphenol
Concen: 2.152 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

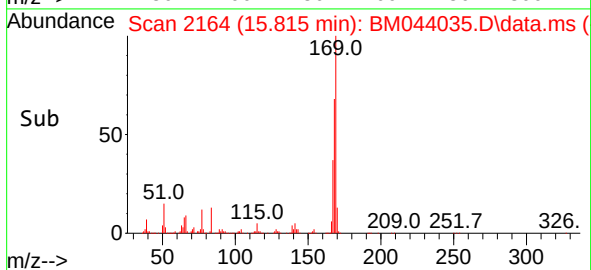
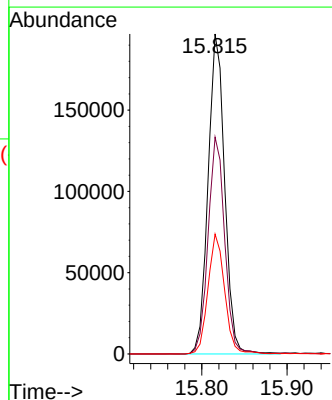
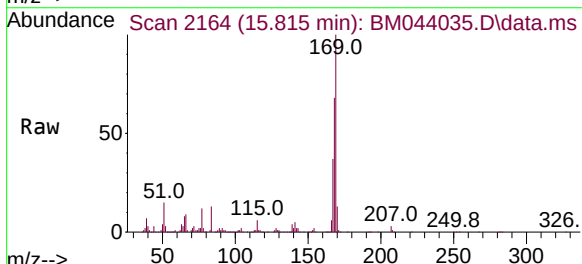
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

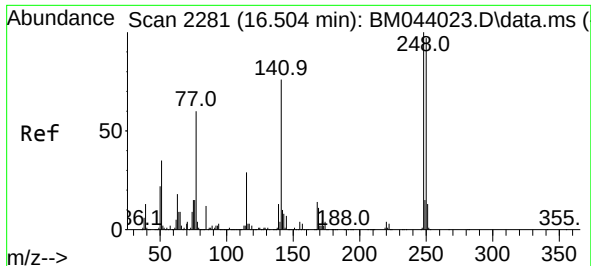
Tgt Ion:198 Resp: 30061
Ion Ratio Lower Upper
198 100
51 54.2 29.9 69.9
105 51.9 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 3.741 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:169 Resp: 266382
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.8
167 37.4 29.2 43.8

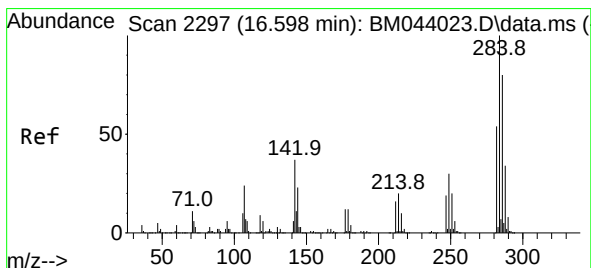
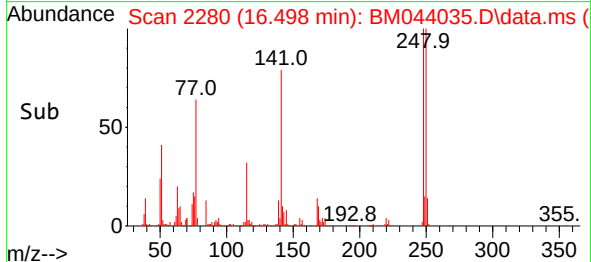
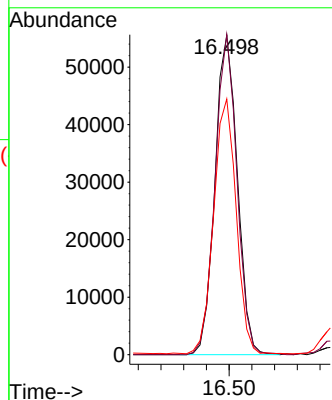
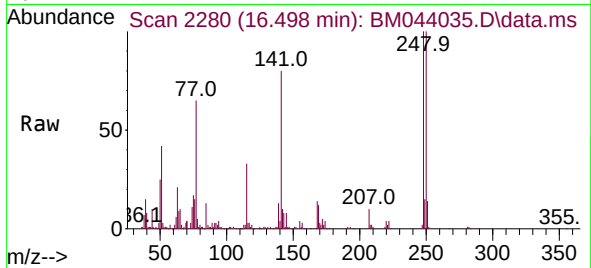




#67
4-Bromophenyl-phenylether
Concen: 3.282 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

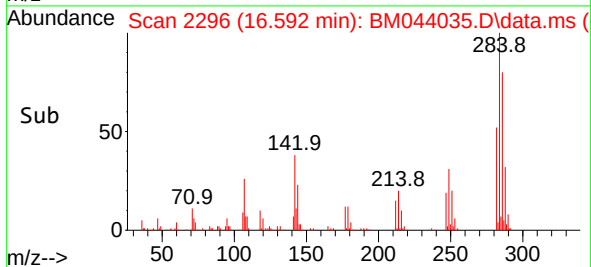
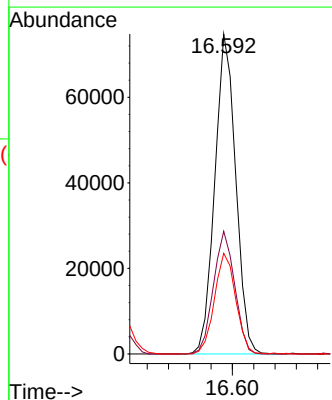
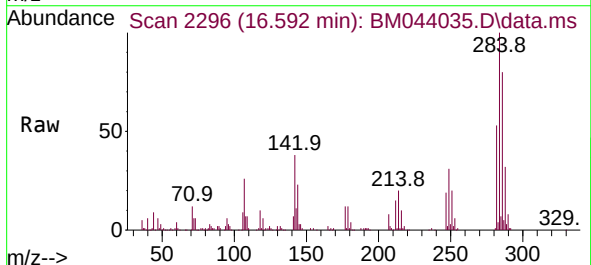
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

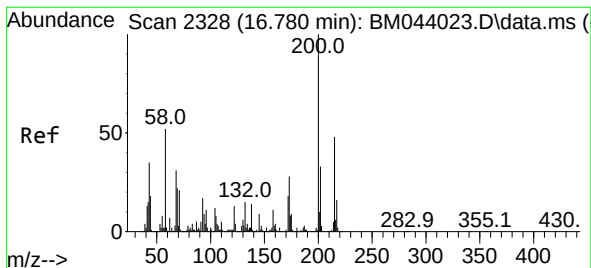
Tgt Ion:248 Resp: 76064
Ion Ratio Lower Upper
248 100
250 100.3 77.4 116.2
141 80.1 61.0 91.6



#68
Hexachlorobenzene
Concen: 3.586 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:284 Resp: 101798
Ion Ratio Lower Upper
284 100
142 38.4 30.0 45.0
249 31.4 24.1 36.1





#69

Atrazine

Concen: 4.367 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

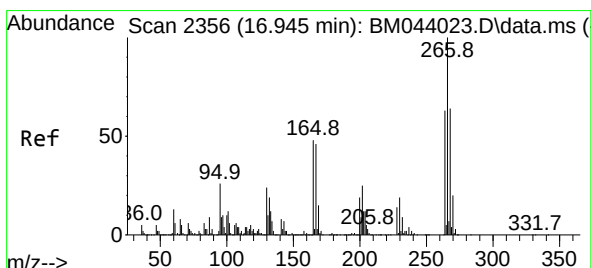
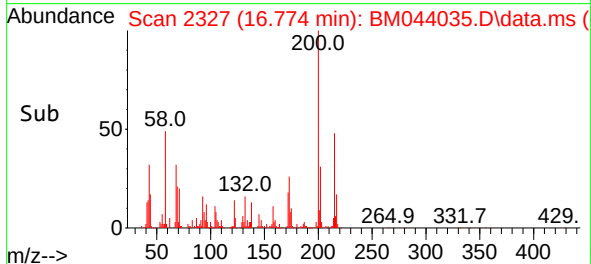
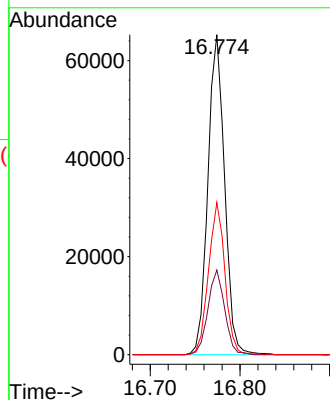
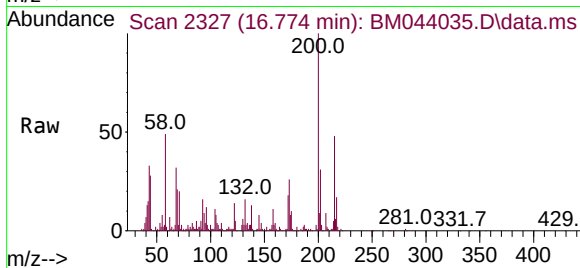
Tgt Ion:200 Resp: 84195

Ion Ratio Lower Upper

200 100

173 26.4 7.9 47.9

215 47.6 27.9 67.9



#70

Pentachlorophenol

Concen: 2.448 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

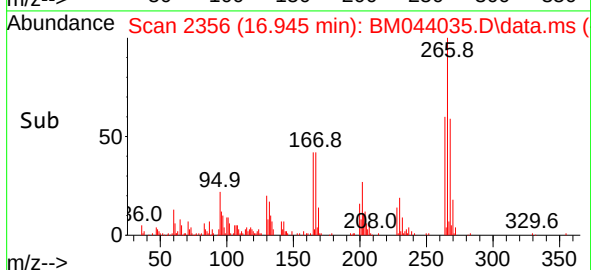
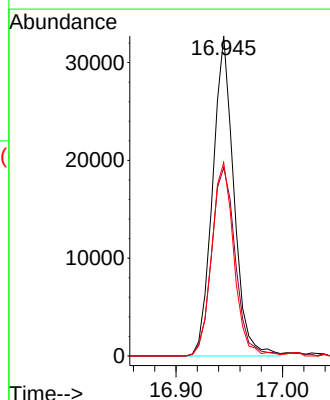
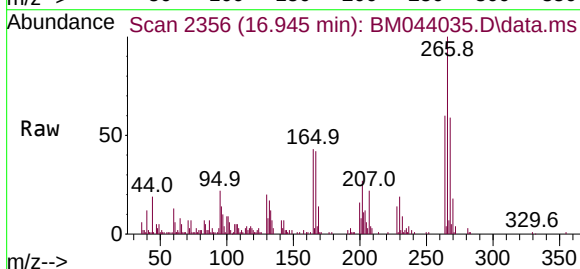
Tgt Ion:266 Resp: 45200

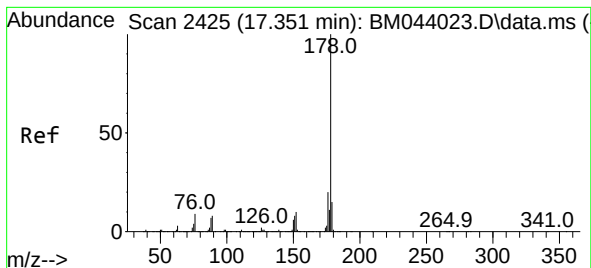
Ion Ratio Lower Upper

266 100

268 63.5 51.1 76.7

264 60.4 50.5 75.7





#71

Phenanthrene

Concen: 3.926 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

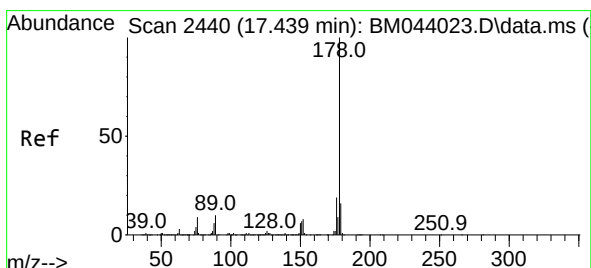
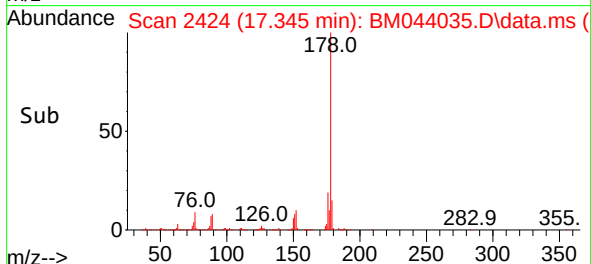
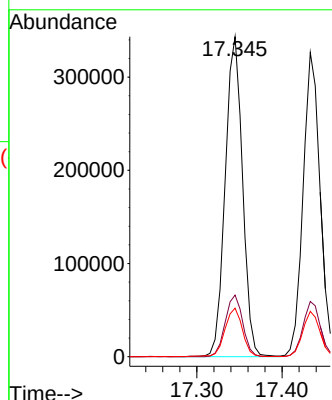
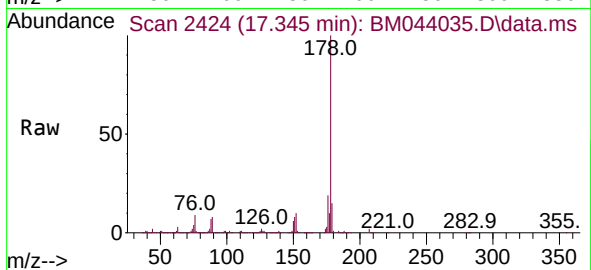
Tgt Ion:178 Resp: 485899

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.2 12.2 18.4



#72

Anthracene

Concen: 3.735 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

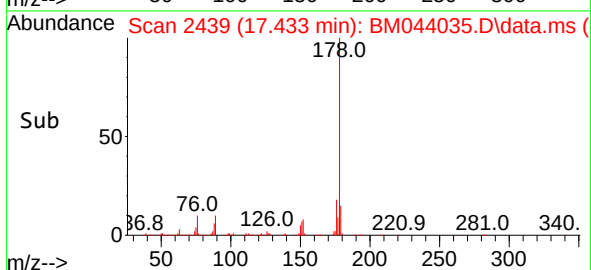
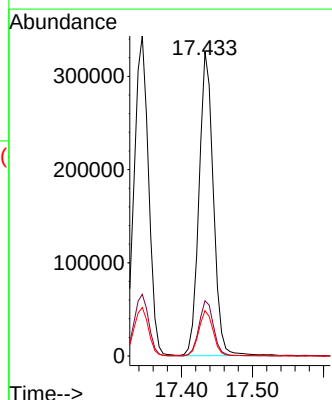
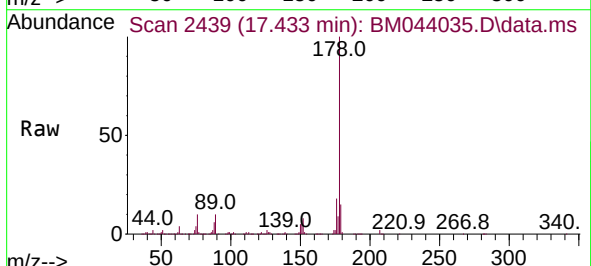
Tgt Ion:178 Resp: 457629

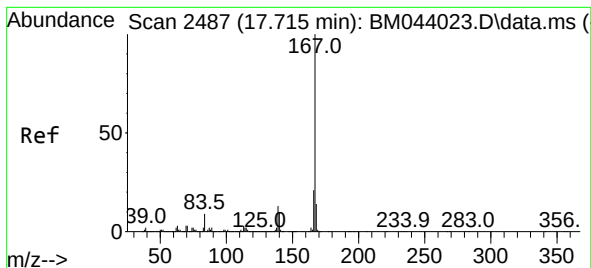
Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

179 14.9 12.4 18.6





#73

Carbazole

Concen: 3.497 ng

RT: 17.709 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM044035.D

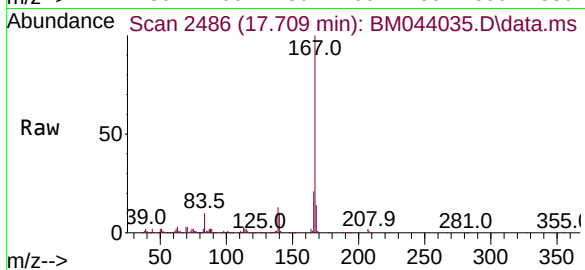
Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



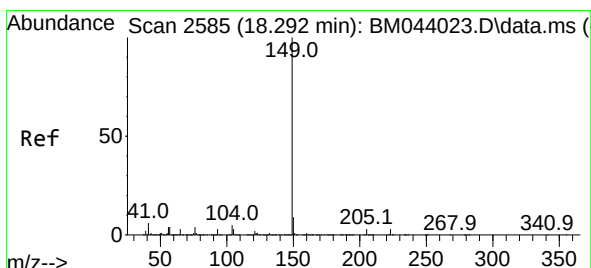
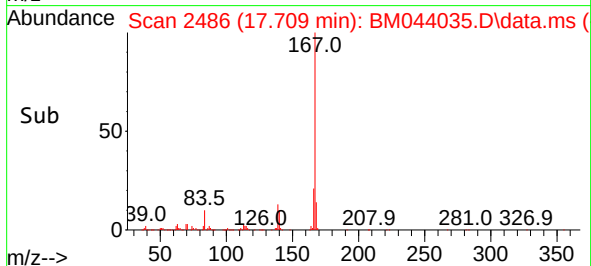
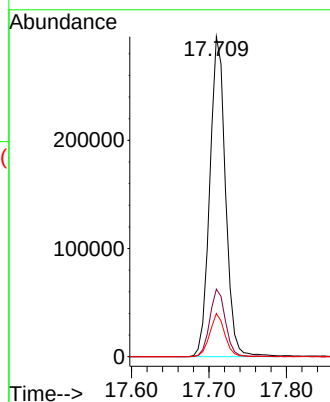
Tgt Ion:167 Resp: 416720

Ion Ratio Lower Upper

167 100

166 21.1 16.8 25.2

139 13.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 3.164 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

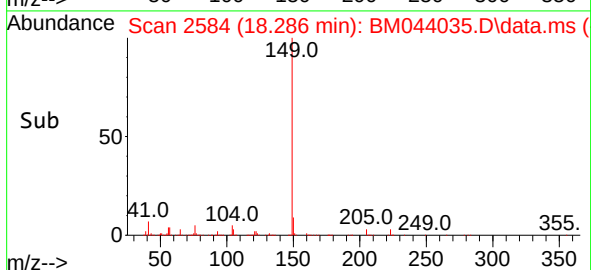
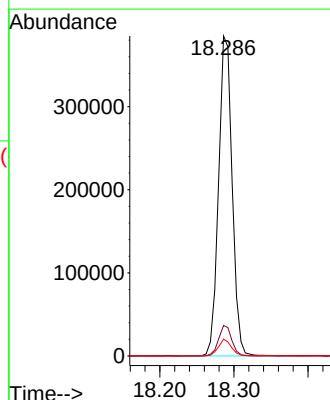
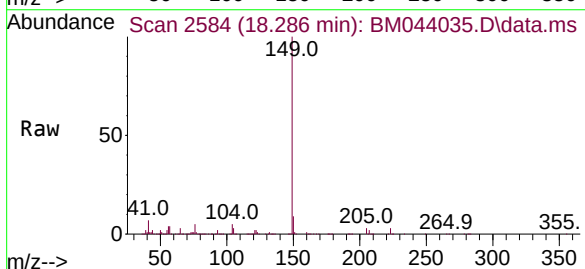
Tgt Ion:149 Resp: 490111

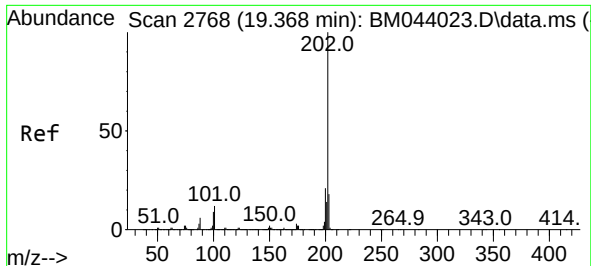
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.3 3.8 5.6

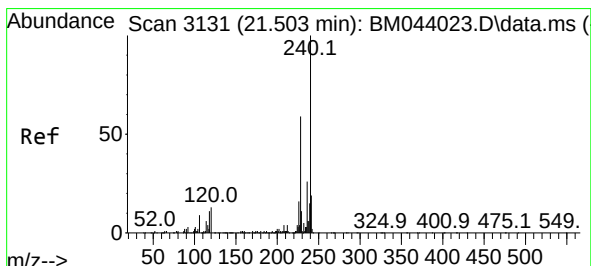
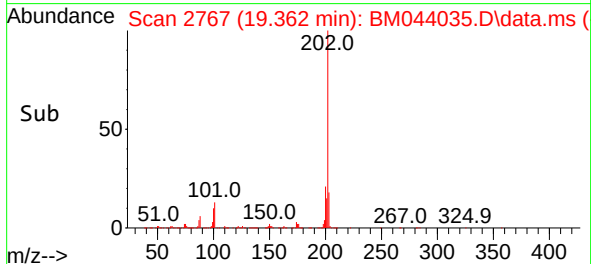
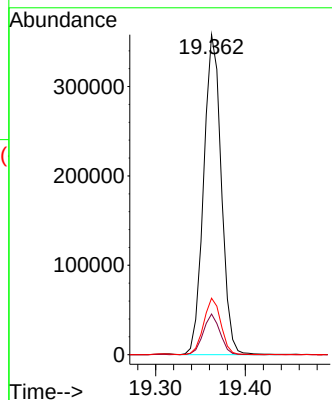
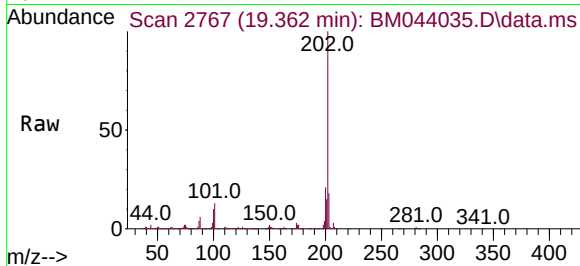




#75
Fluoranthene
Concen: 3.514 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

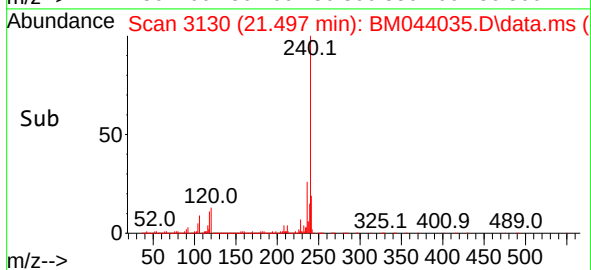
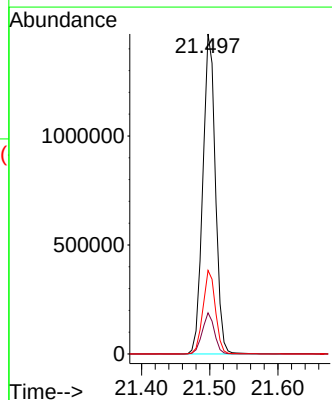
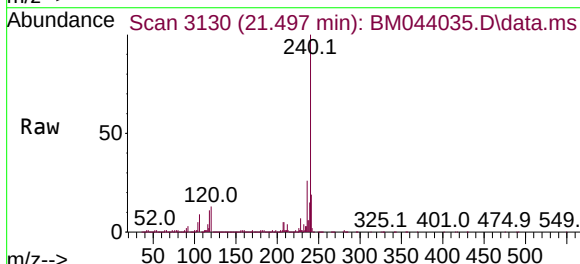
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

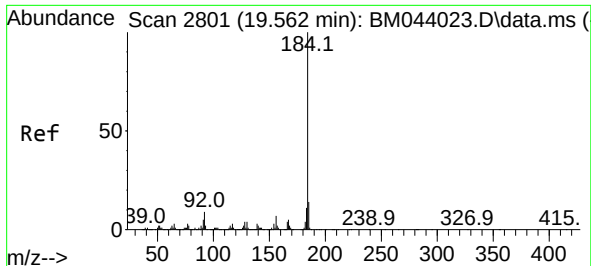
Tgt Ion:202 Resp: 488509
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.4
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:240 Resp: 1884855
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 26.1 20.6 31.0

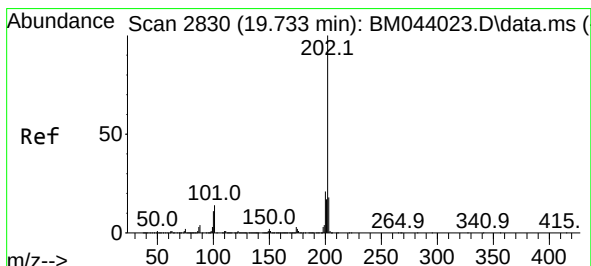
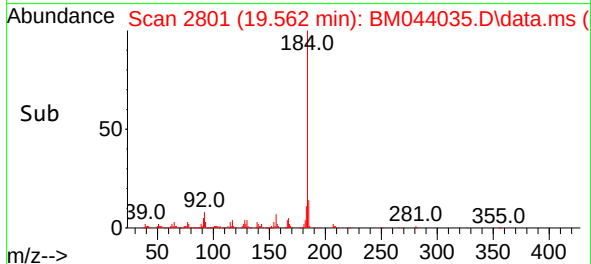
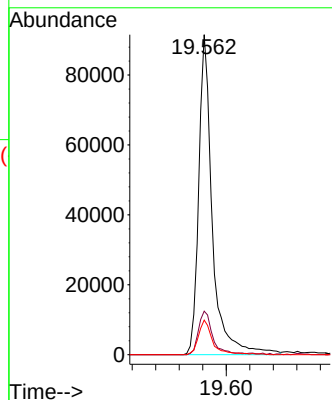
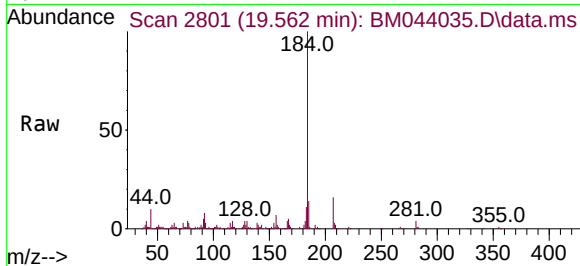




#77
Benzidine
Concen: 5.029 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

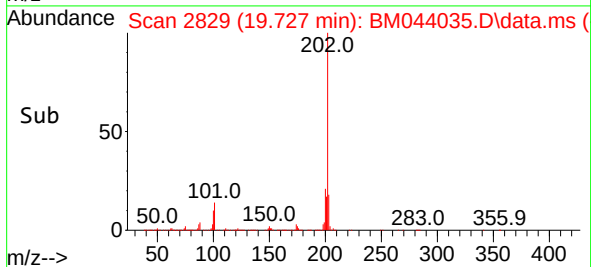
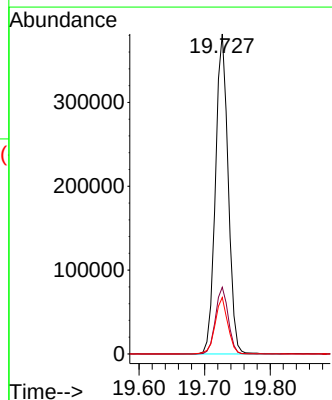
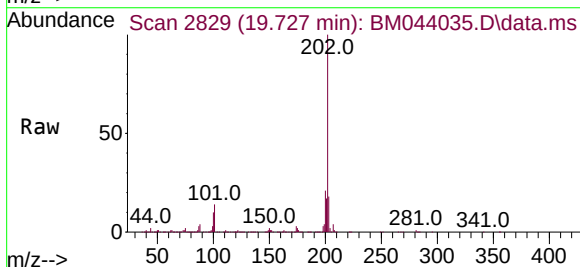
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

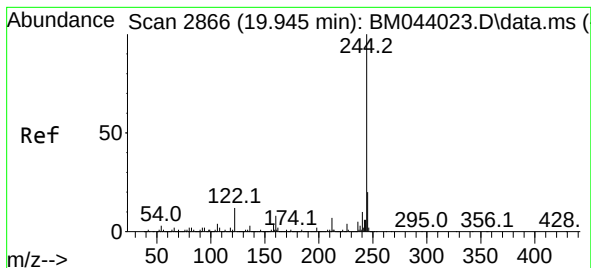
Tgt Ion:184 Resp: 147295
Ion Ratio Lower Upper
184 100
185 13.6 11.0 16.6
183 10.8 9.0 13.4



#78
Pyrene
Concen: 3.525 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:202 Resp: 511736
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 73.732 ng

RT: 19.945 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

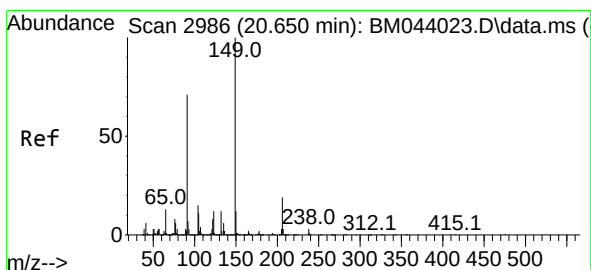
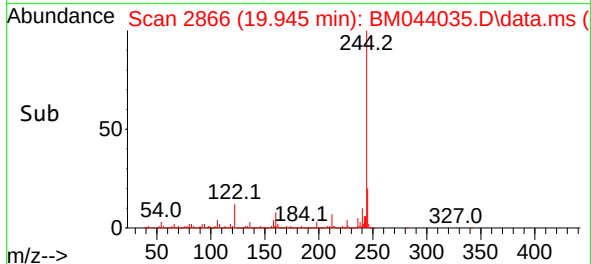
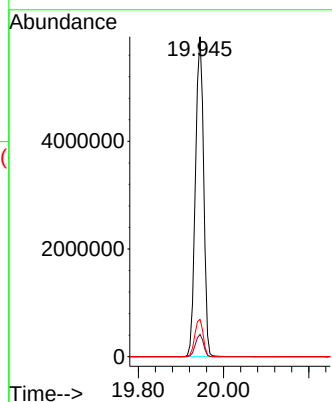
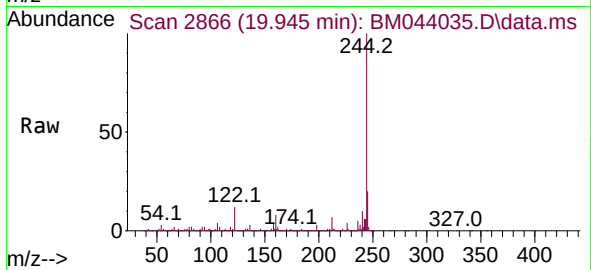
Tgt Ion:244 Resp: 7927637

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.7 9.5 14.3



#80

Butylbenzylphthalate

Concen: 2.787 ng

RT: 20.650 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

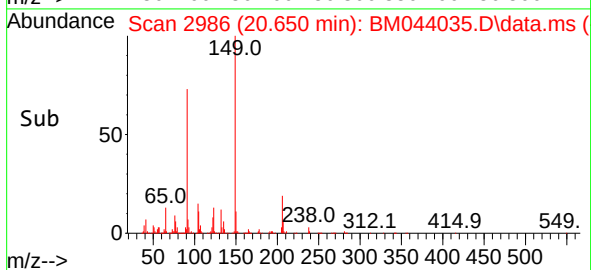
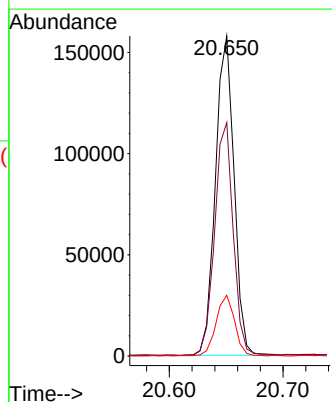
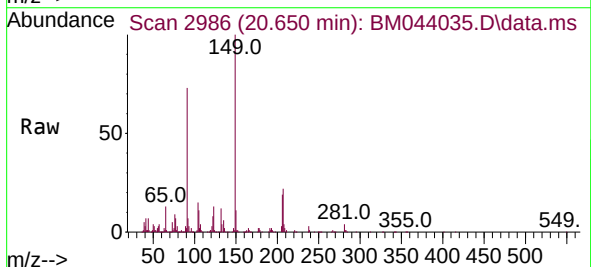
Tgt Ion:149 Resp: 179827

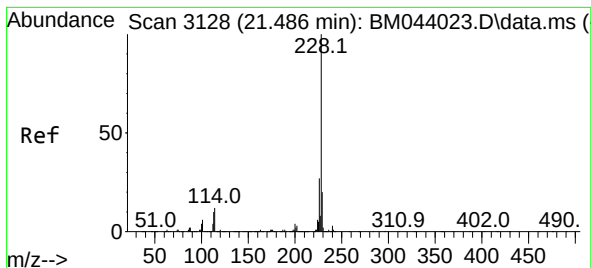
Ion Ratio Lower Upper

149 100

91 72.9 56.8 85.2

206 19.0 15.0 22.6





#81

Benzo(a)anthracene

Concen: 3.642 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

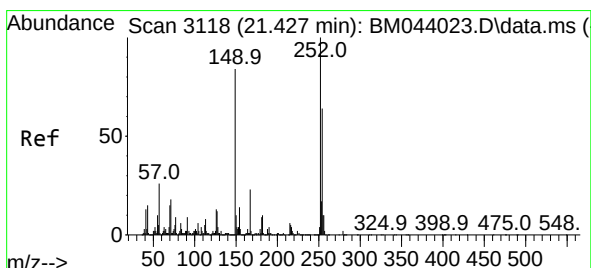
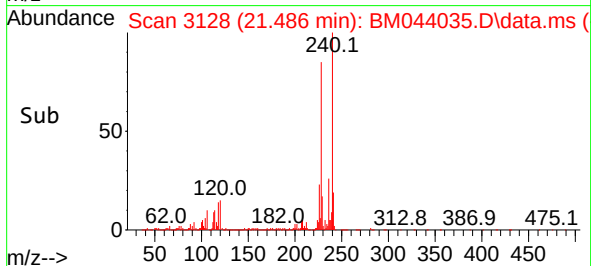
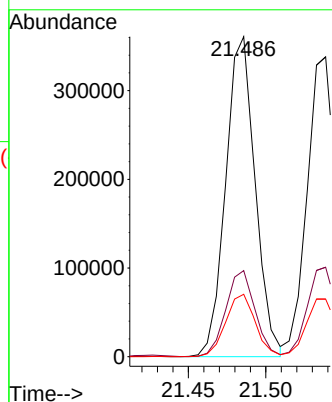
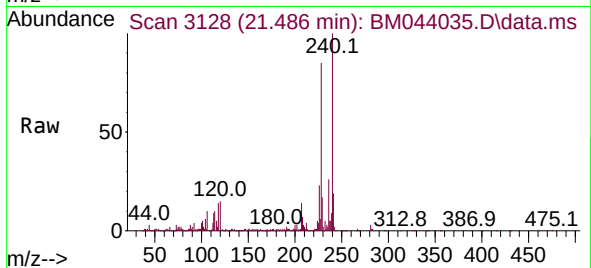
Tgt Ion:228 Resp: 477503

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

229 19.5 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 3.522 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

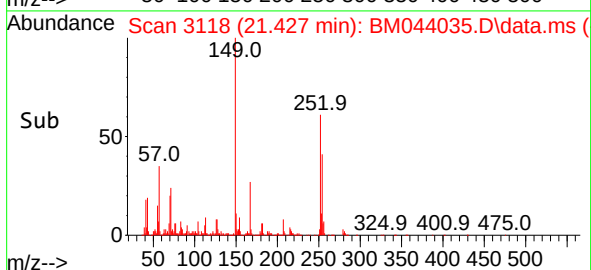
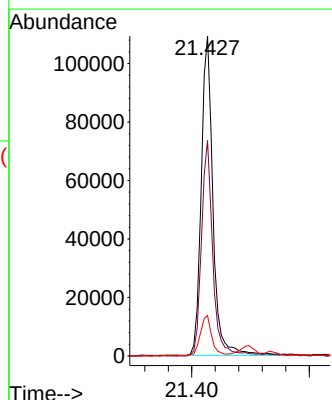
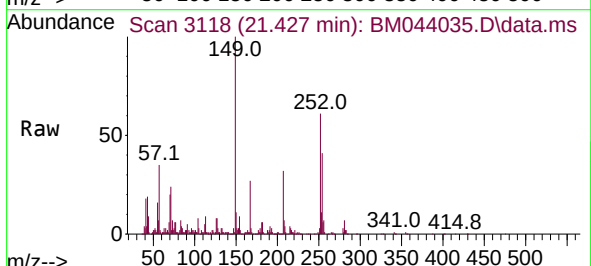
Tgt Ion:252 Resp: 151496

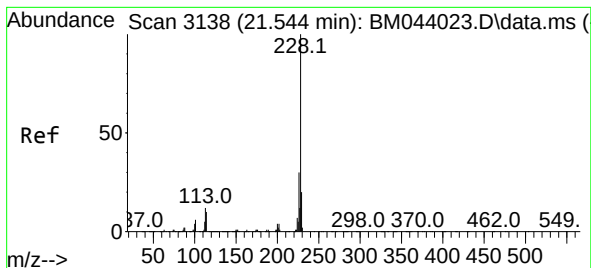
Ion Ratio Lower Upper

252 100

254 67.3 51.2 76.8

126 12.6 10.2 15.4





#83

Chrysene

Concen: 3.619 ng

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

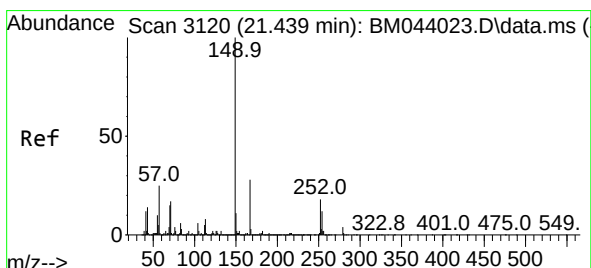
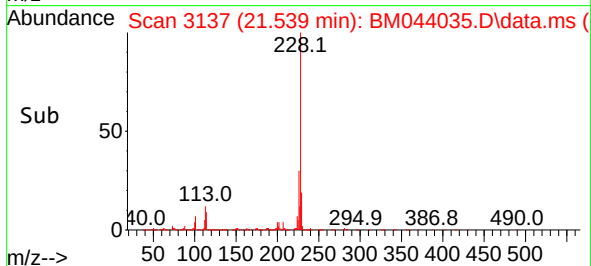
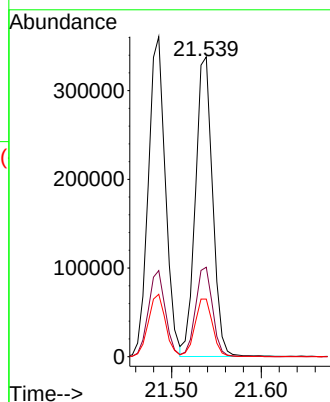
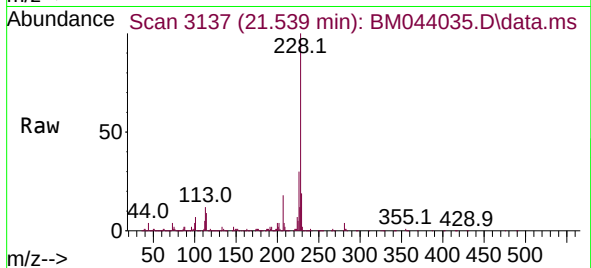
Tgt Ion:228 Resp: 448338

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 19.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.064 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

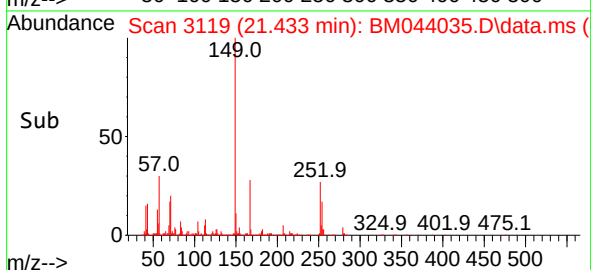
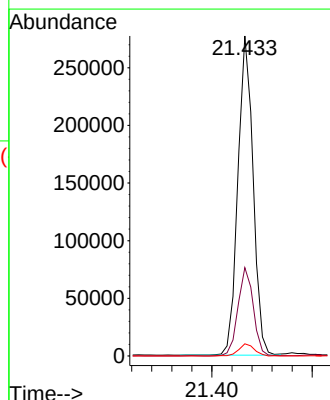
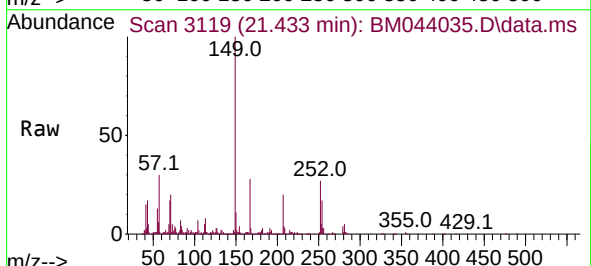
Tgt Ion:149 Resp: 291724

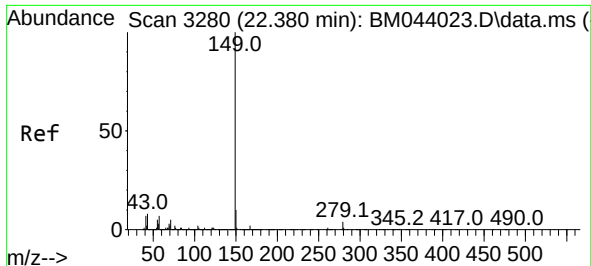
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 3.8 3.1 4.7

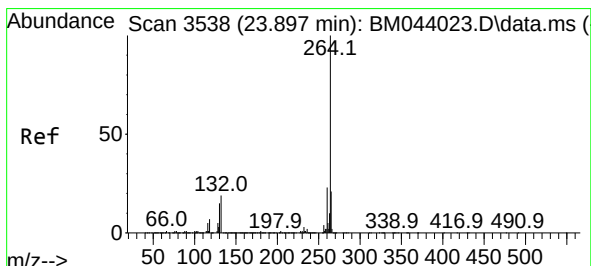
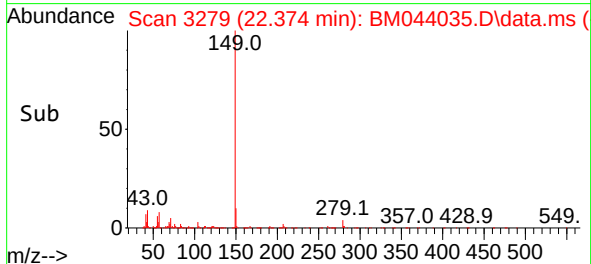
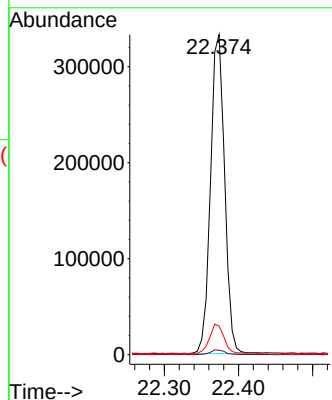
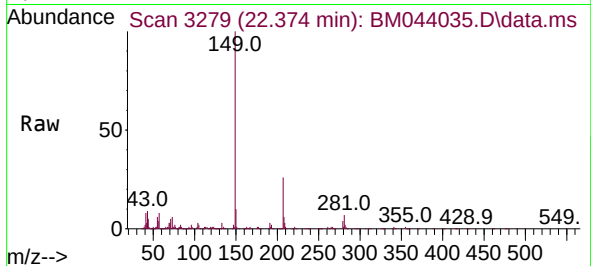




#85
Di-n-octyl phthalate
Concen: 2.640 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

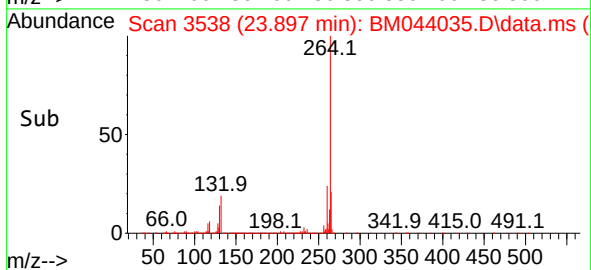
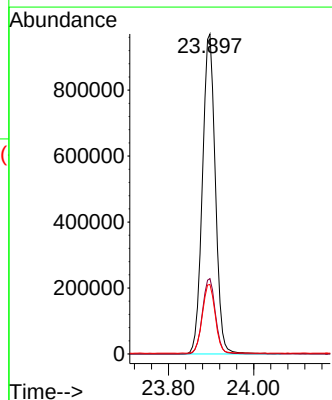
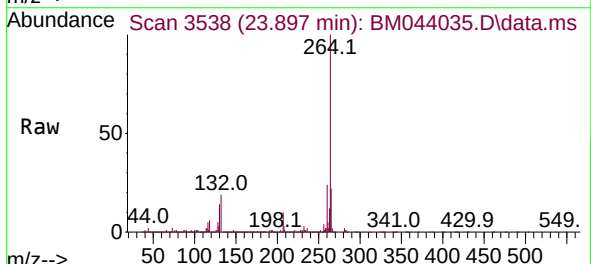
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

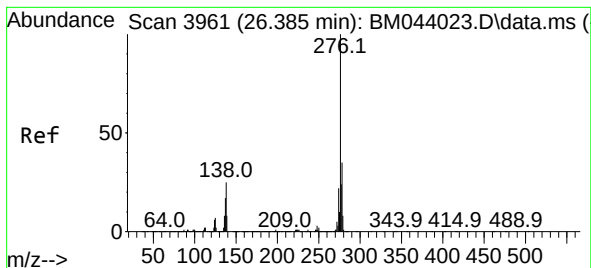
Tgt Ion:149 Resp: 438918
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:264 Resp: 2040198
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.493 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

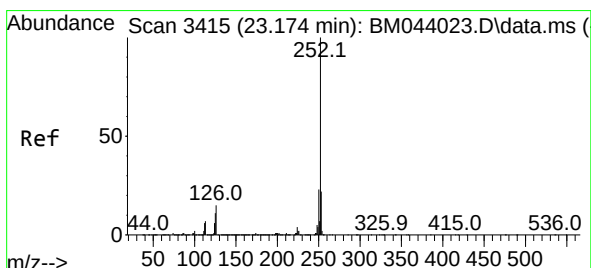
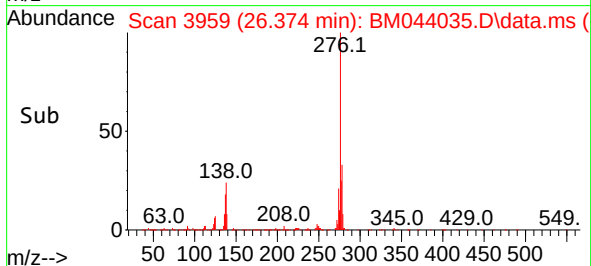
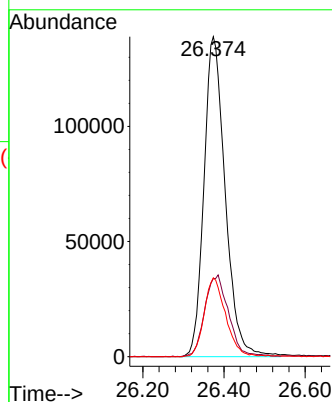
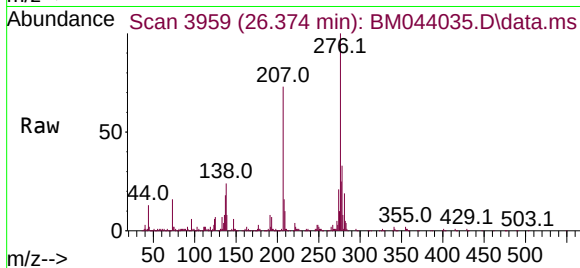
Tgt Ion:276 Resp: 504339

Ion Ratio Lower Upper

276 100

138 28.7 22.6 34.0

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 3.650 ng

RT: 23.162 min Scan# 3413

Delta R.T. -0.012 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

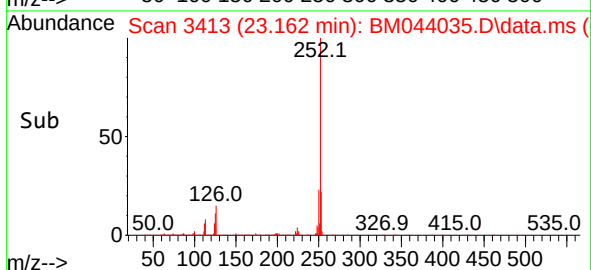
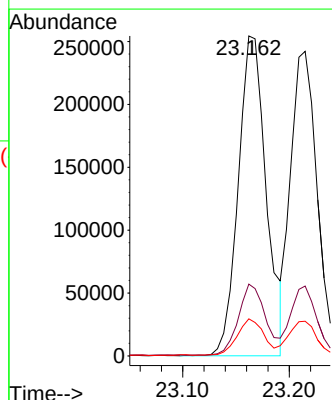
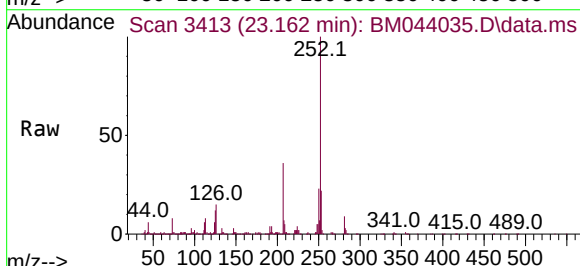
Tgt Ion:252 Resp: 465501

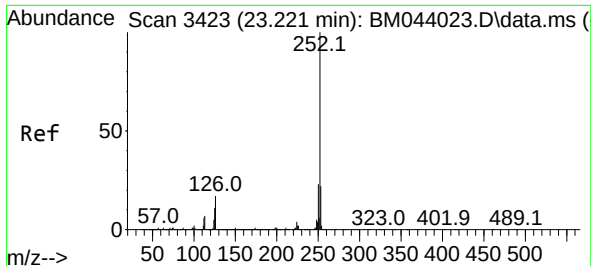
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.6 8.8 13.2

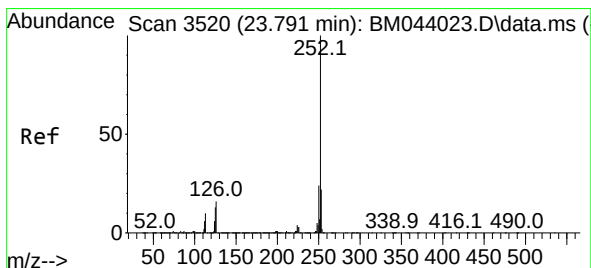
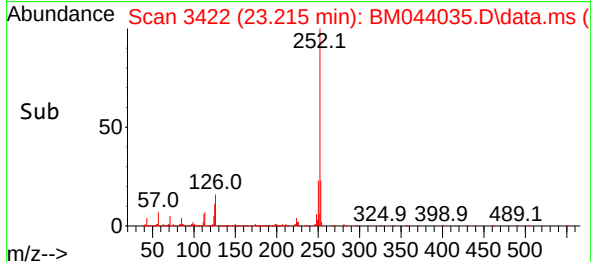
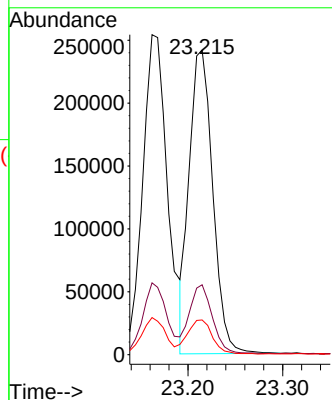
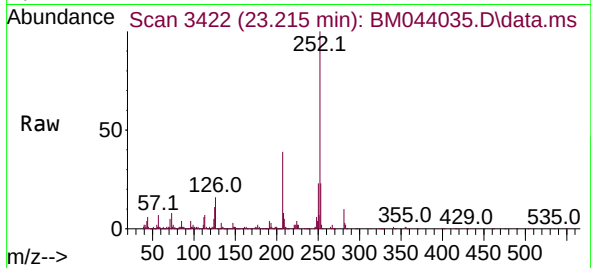




#89
Benzo(k)fluoranthene
Concen: 3.447 ng
RT: 23.215 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

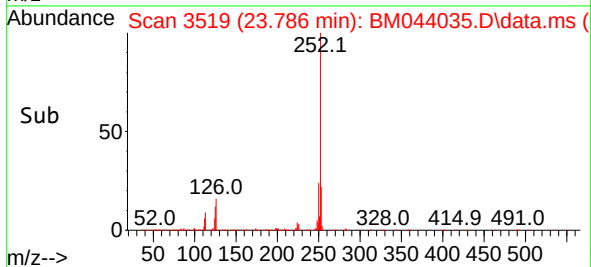
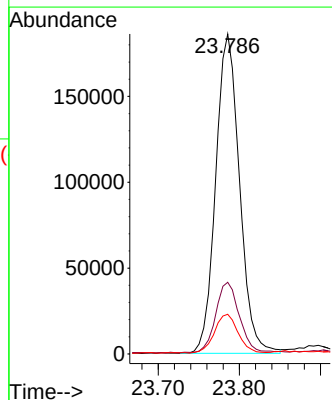
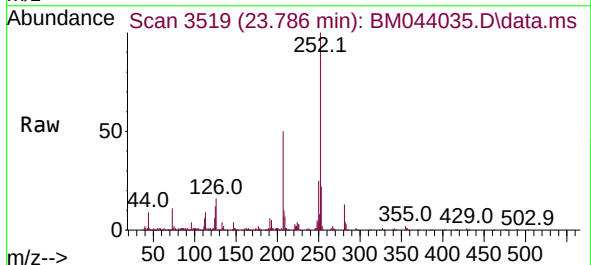
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

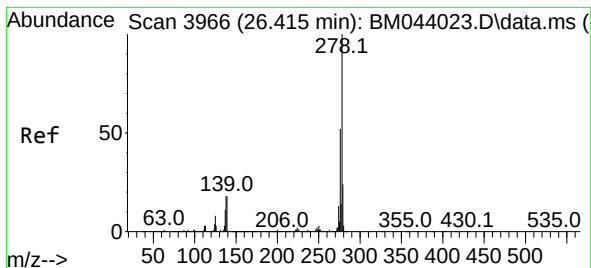
Tgt Ion:252 Resp: 417703
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 3.404 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044035.D
Acq: 09 Feb 2024 12:29

Tgt Ion:252 Resp: 379224
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 3.497 ng

RT: 26.397 min Scan# 3966

Delta R.T. -0.018 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

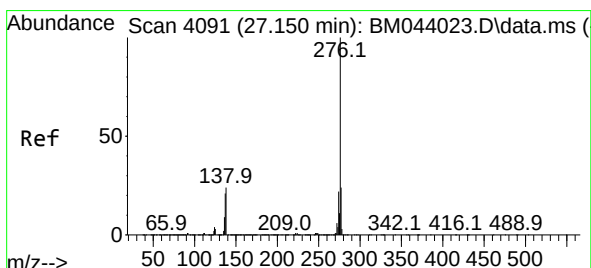
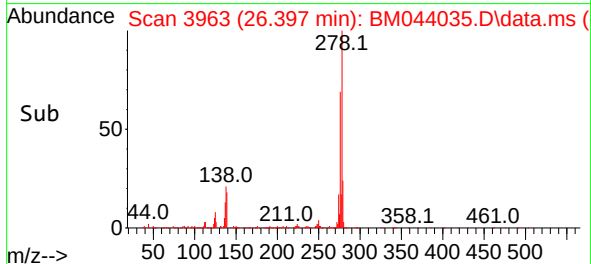
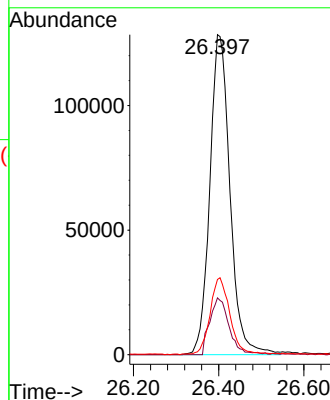
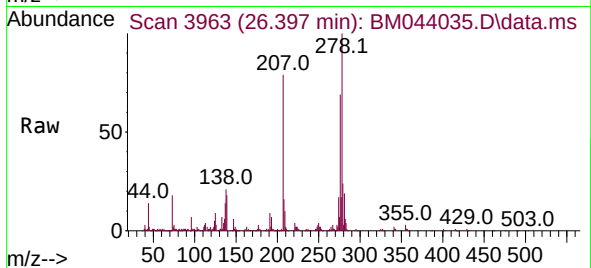
Tgt Ion:278 Resp: 422362

Ion Ratio Lower Upper

278 100

139 17.8 14.5 21.7

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 3.311 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044035.D

Acq: 09 Feb 2024 12:29

Tgt Ion:276 Resp: 405623

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 25.6 19.1 28.7

