

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM044015.D
 Acq On : 07 Feb 2024 06:21
 Operator : MA/JU
 Sample : P1187-07
 Misc : LOD-WATER-8PPM
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Feb 07 06:52:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	135558	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	620634	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	415448	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1062859	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1495168	20.000	ng	0.00
86) Perylene-d12	23.921	264	1969246	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	742478	80.884	ng	0.00
7) Phenol-d6	7.081	99	1054065	77.716	ng	0.00
23) Nitrobenzene-d5	9.086	82	745088	57.872	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	322437	63.669	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1736733	57.441	ng	0.00
79) Terphenyl-d14	19.956	244	4434869	57.259	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	24263	6.839	ng	97
3) Pyridine	3.804	79	55219	5.115	ng	# 89
4) n-Nitrosodimethylamine	3.722	42	27712	5.971	ng	# 85
6) Aniline	7.251	93	88888	6.587	ng	98
8) 2-Chlorophenol	7.481	128	59637	5.851	ng	97
9) Benzaldehyde	7.069	77	59903	5.489	ng	92
10) Phenol	7.110	94	75517	5.600	ng	93
11) bis(2-Chloroethyl)ether	7.357	93	60897	5.762	ng	99
12) 1,3-Dichlorobenzene	7.804	146	64888	5.897	ng	96
13) 1,4-Dichlorobenzene	7.957	146	65470	5.883	ng	99
14) 1,2-Dichlorobenzene	8.269	146	65163	5.937	ng	99
15) Benzyl Alcohol	8.169	79	49946	5.373	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	88522	6.245	ng	95
17) 2-Methylphenol	8.363	107	44531	5.166	ng	97
18) Hexachloroethane	8.992	117	24401	5.843	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	45723	5.123	ng	# 94
20) 3+4-Methylphenols	8.692	107	59855	4.920	ng	97
22) Acetophenone	8.751	105	96687	5.750	ng	97
24) Nitrobenzene	9.128	77	76233	5.901	ng	96
25) Isophorone	9.657	82	121017	5.049	ng	96
26) 2-Nitrophenol	9.845	139	22802	4.368	ng	98
27) 2,4-Dimethylphenol	9.898	122	41952	5.852	ng	97
28) bis(2-Chloroethoxy)met...	10.145	93	84087	5.745	ng	96
29) 2,4-Dichlorophenol	10.369	162	44835	4.903	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	61254	5.931	ng	99
31) Naphthalene	10.775	128	205399	5.938	ng	99
32) Benzoic acid	9.951	122	20237	8.893	ng	94
33) 4-Chloroaniline	10.892	127	82173	5.779	ng	98
34) Hexachlorobutadiene	11.051	225	32320	5.738	ng	96
35) Caprolactam	11.663	113	15905	4.242	ng	# 92
36) 4-Chloro-3-methylphenol	12.016	107	52247	4.666	ng	100
37) 2-Methylnaphthalene	12.386	142	135694	5.625	ng	97
38) 1-Methylnaphthalene	12.604	142	137516	5.710	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	69775	5.922	ng	99
41) Hexachlorocyclopentadiene	12.722	237	24374	6.290	ng	97
43) 2,4,6-Trichlorophenol	12.992	196	35143	4.413	ng	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	43116	4.746	ng	97
46) 1,1'-Biphenyl	13.398	154	194738	5.961	ng	97
47) 2-Chloronaphthalene	13.439	162	148494	5.699	ng	99
48) 2-Nitroaniline	13.651	65	40117	4.734	ng	95
49) Acenaphthylene	14.286	152	237622	5.966	ng	99
50) Dimethylphthalate	14.027	163	182070	5.642	ng	100
51) 2,6-Dinitrotoluene	14.151	165	31518	4.443	ng	89
52) Acenaphthene	14.627	154	149158	5.908	ng	97
53) 3-Nitroaniline	14.480	138	38220	4.641	ng #	92
54) 2,4-Dinitrophenol	14.680	184	9491	9.377	ng	94
55) Dibenzofuran	14.963	168	245744	6.254	ng	100
56) 4-Nitrophenol	14.780	139	31412	4.365	ng	95
57) 2,4-Dinitrotoluene	14.933	165	39296	3.980	ng #	80
58) Fluorene	15.610	166	197249	5.945	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	40981	5.232	ng	96
60) Diethylphthalate	15.398	149	181650	5.438	ng	96
61) 4-Chlorophenyl-phenyle...	15.615	204	91822	5.931	ng	98
62) 4-Nitroaniline	15.639	138	42924	4.767	ng	95
63) Azobenzene	15.904	77	189816	5.689	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	16545	8.394	ng	89
66) n-Nitrosodiphenylamine	15.827	169	164274	5.189	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	37390	3.571	ng	90
68) Hexachlorobenzene	16.604	284	66634	5.338	ng	97
69) Atrazine	16.786	200	52267	5.967	ng	95
70) Pentachlorophenol	16.957	266	28377	3.462	ng	94
71) Phenanthrene	17.357	178	359377	6.071	ng	99
72) Anthracene	17.451	178	335732	5.793	ng	100
73) Carbazole	17.721	167	339739	5.660	ng	99
74) Di-n-butylphthalate	18.304	149	330689	5.024	ng	99
75) Fluoranthene	19.374	202	452587	6.182	ng	99
77) Benzidine	19.574	184	196423	10.354	ng	99
78) Pyrene	19.739	202	497287	4.839	ng	99
80) Butylbenzylphthalate	20.662	149	173007	4.251	ng	99
81) Benzo(a)anthracene	21.497	228	625108	5.959	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	188381	5.617	ng	100
83) Chrysene	21.550	228	588149	5.853	ng	98
84) Bis(2-ethylhexyl)phtha...	21.450	149	290082	4.793	ng	98
85) Di-n-octyl phthalate	22.391	149	501138	4.807	ng	98
87) Indeno(1,2,3-cd)pyrene	26.421	276	872561	5.922	ng	99
88) Benzo(b)fluoranthene	23.186	252	696663	5.624	ng	100
89) Benzo(k)fluoranthene	23.238	252	631085	5.310	ng	99
90) Benzo(a)pyrene	23.815	252	588320	5.373	ng	99
91) Dibenzo(a,h)anthracene	26.444	278	743752	6.120	ng	99
92) Benzo(g,h,i)perylene	27.179	276	722396	5.828	ng	99

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

Instrument :
BNA_M

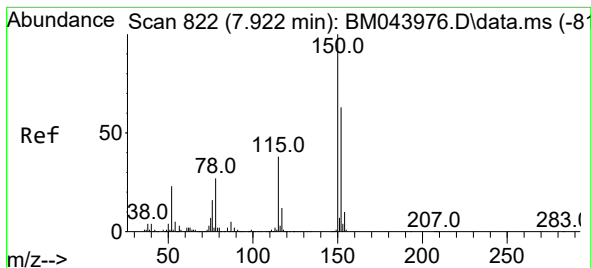
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Abundance

TIC: BM044015.D\data.ms

Time-->

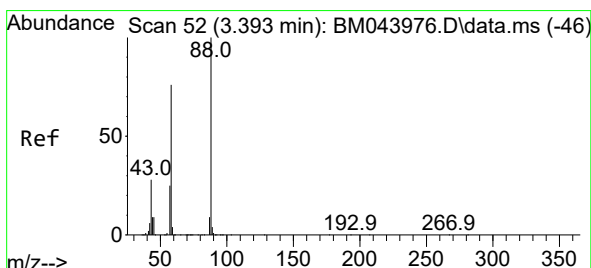
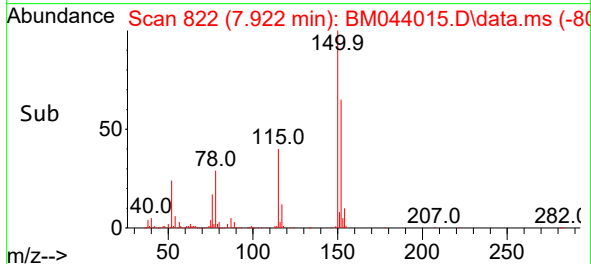
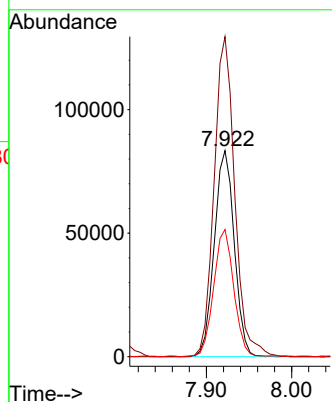
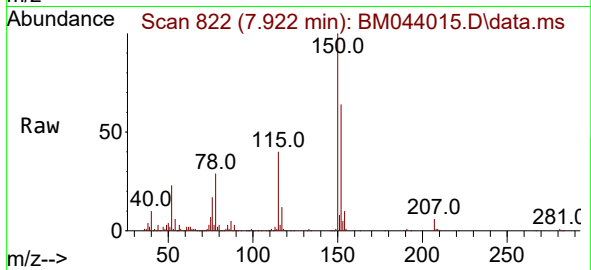
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N,N-dimethylamine,
2-Fluorophenol, S
Phenol-d6, S
2-Chlorophenol
1,2-Dichlorobenzene-d4, I
1,2-Dichlorobenzene
2,3-Dichlorobenzene
3,4-Dichlorobenzene
Nitrobenzene-d5, S
Nitrobenzene
Isophthalonitrile
2-Chlorophenol
2,4-Dichlorophenol
2,5-Dichlorophenol
2,4,6-Trichlorophenol
4-Nitrophenol
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,6-Trichlorophenol, C
2-Chloronaphthalene
2-Nitroaniline
2-Methylphthalate
2,6-Dimethylpyrene
2,3,4,6-Tetrachlorophenol
2,4-Dichlorophenol
Diethylphthalate
4-Tribromophenylphenylether
4-Tribromophenylamine, C
2,4,6-Tribromophenol, S
4-Bromophenylphenylether
4-Bromophenylphenol, C
4-Nitrophenol
Phenanthrene-d10, I
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Benzidine
Pyrene
Butylbenzylphthalate
1,2,3,4-Tetrahydronaphthalene
Chrysene-d12, I
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzolaperylene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

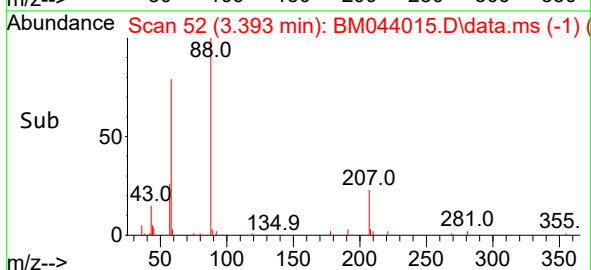
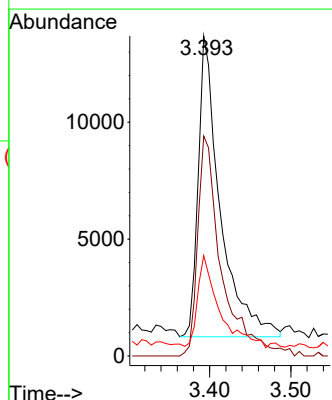
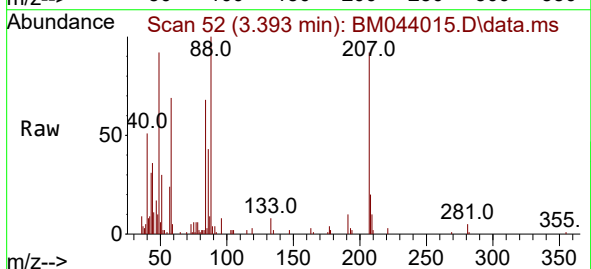
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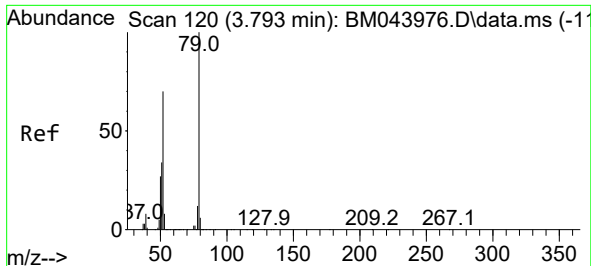
Tgt Ion:152 Resp: 135558
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.1 189.1
 115 61.8 48.2 72.2



#2
 1,4-Dioxane
 Concen: 6.839 ng
 RT: 3.393 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

Tgt Ion: 88 Resp: 24263
 Ion Ratio Lower Upper
 88 100
 58 79.5 61.0 91.6
 43 30.2 23.0 34.6

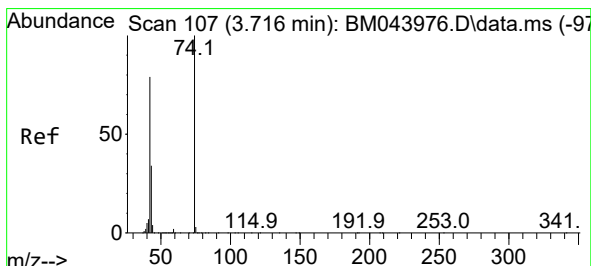
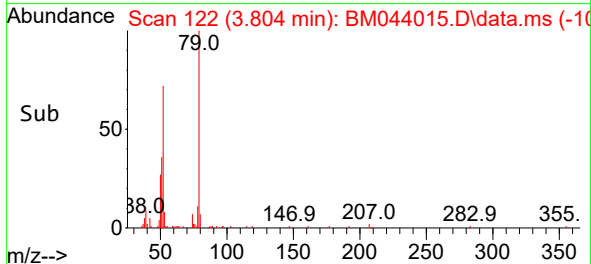
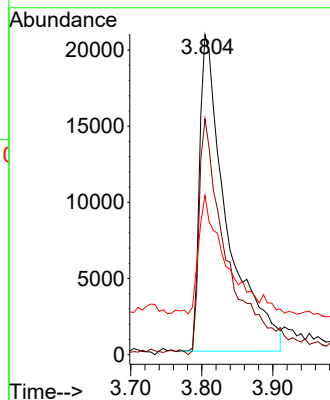
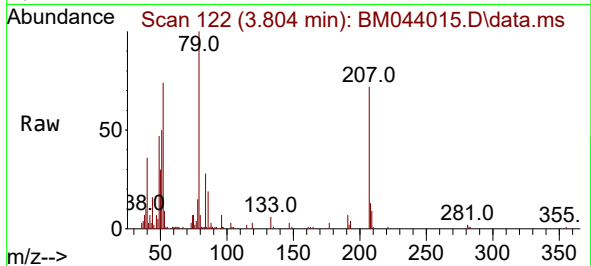




#3
 Pyridine
 Concen: 5.115 ng
 RT: 3.804 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

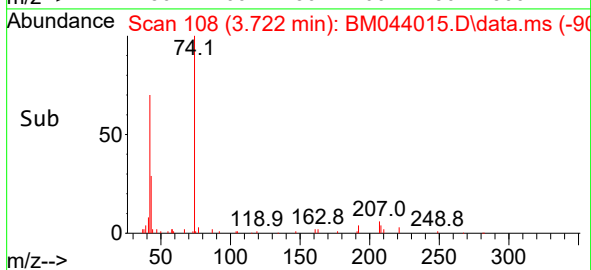
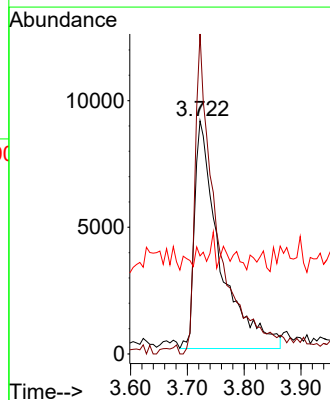
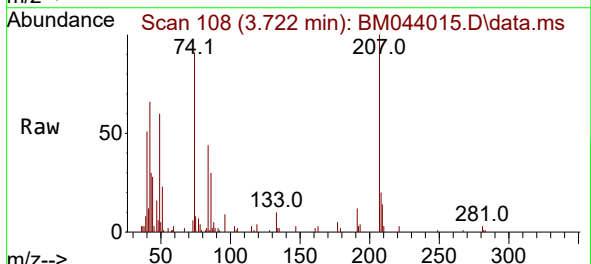
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

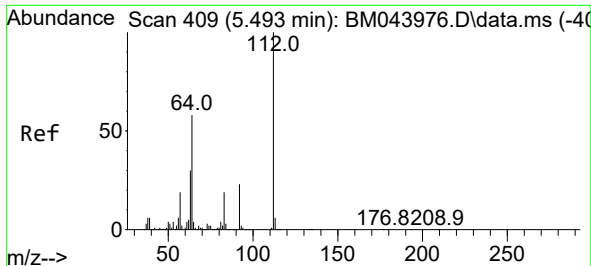
Tgt Ion: 79 Resp: 55219
 Ion Ratio Lower Upper
 79 100
 52 73.7 55.9 83.9
 51 49.7 28.2 42.2#



#4
 n-Nitrosodimethylamine
 Concen: 5.971 ng
 RT: 3.722 min Scan# 108
 Delta R.T. 0.006 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

Tgt Ion: 42 Resp: 27712
 Ion Ratio Lower Upper
 42 100
 74 137.3 100.7 151.1
 44 42.1 7.3 10.9#

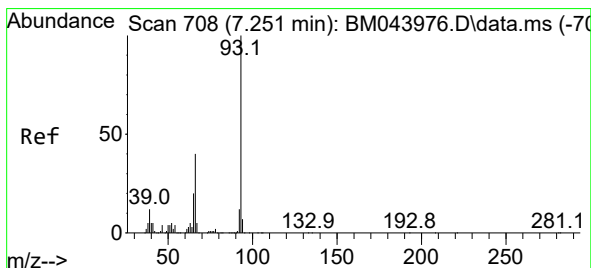
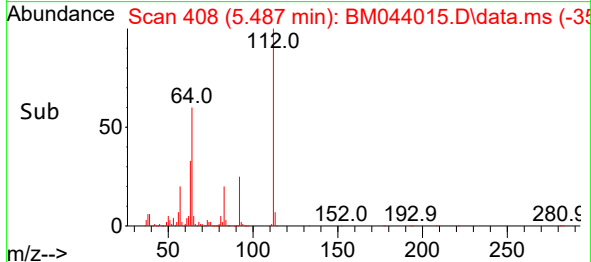
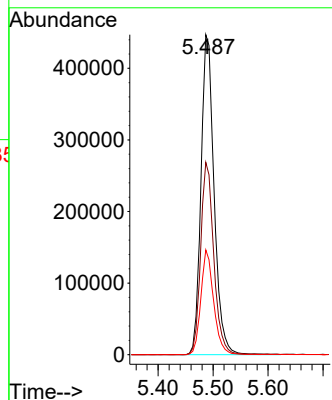
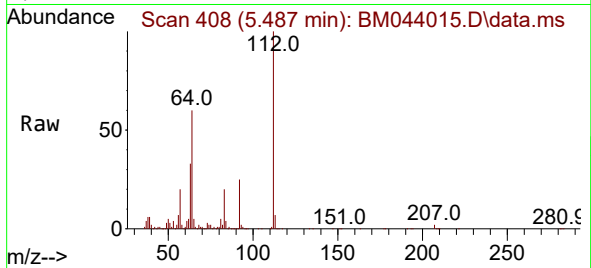




#5
2-Fluorophenol
Concen: 80.884 ng
RT: 5.487 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

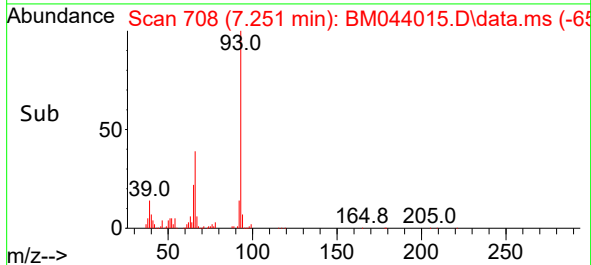
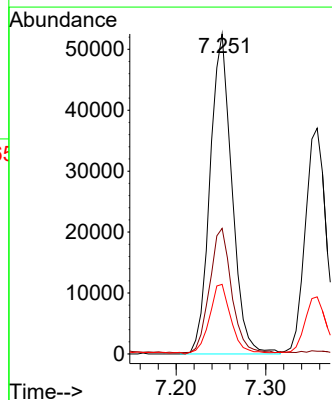
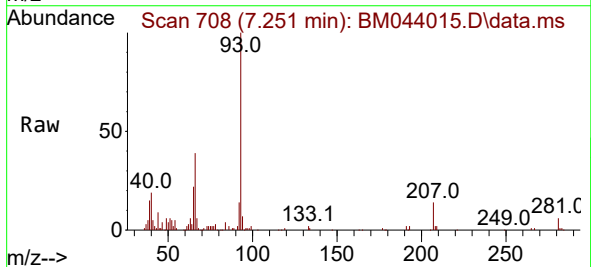
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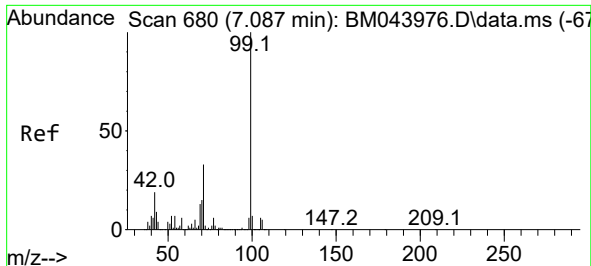
Tgt Ion:112 Resp: 742478
Ion Ratio Lower Upper
112 100
64 60.1 46.6 70.0
63 32.7 24.2 36.4



#6
Aniline
Concen: 6.587 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 93 Resp: 88888
Ion Ratio Lower Upper
93 100
66 39.3 32.2 48.2
65 21.7 15.8 23.8

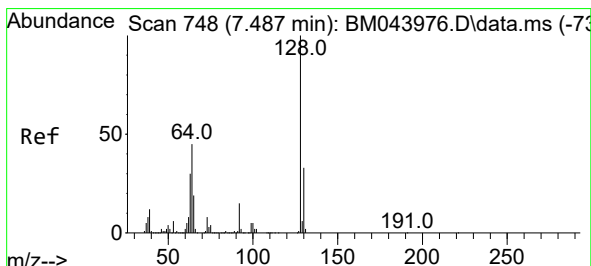
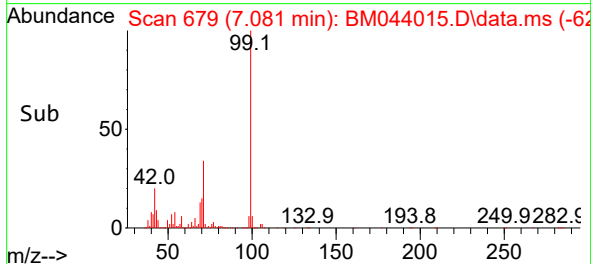
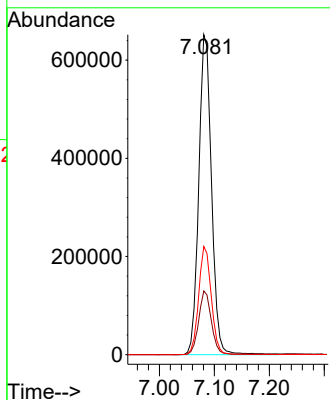
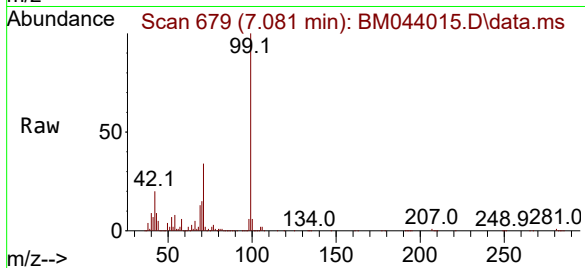




#7
Phenol-d6
Concen: 77.716 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

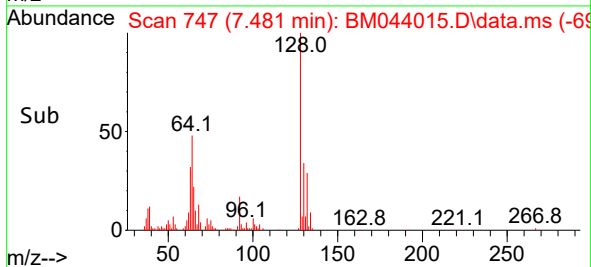
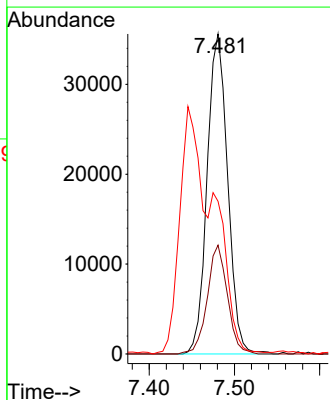
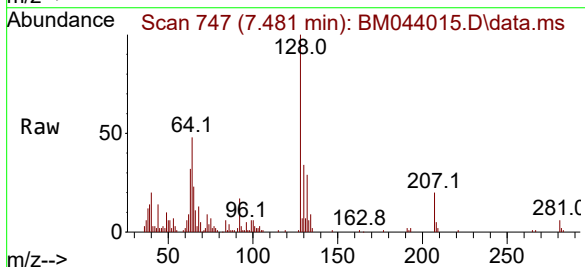
Instrument :
BNA_M
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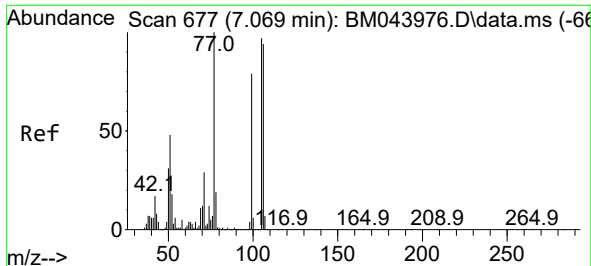
Tgt Ion: 99 Resp: 1054065
Ion Ratio Lower Upper
99 100
42 19.9 14.9 22.3
71 33.8 26.3 39.5



#8
2-Chlorophenol
Concen: 5.851 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 128 Resp: 59637
Ion Ratio Lower Upper
128 100
130 34.0 12.9 52.9
64 47.7 25.6 65.6

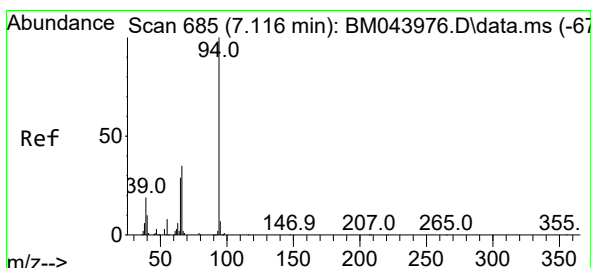
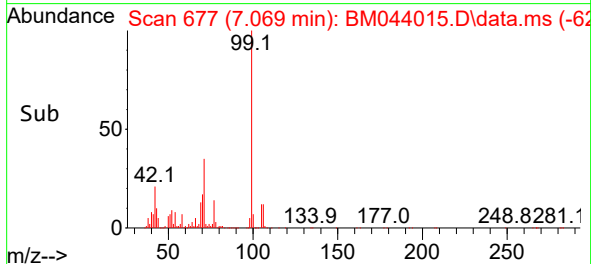
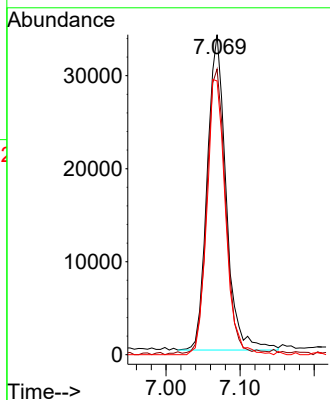
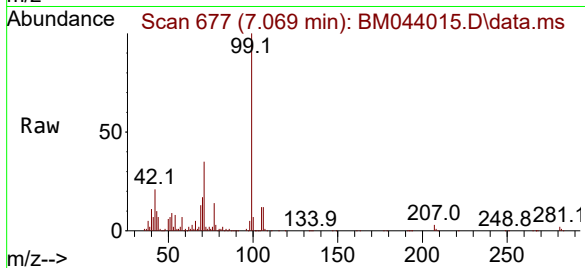




#9
Benzaldehyde
Concen: 5.489 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

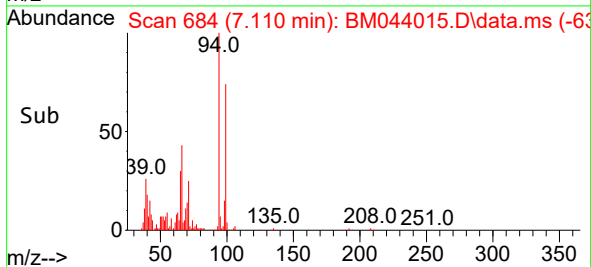
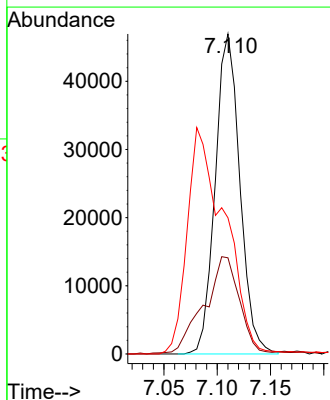
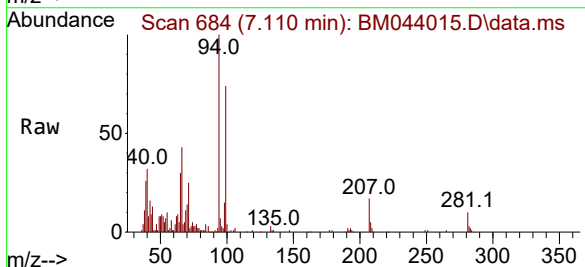
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

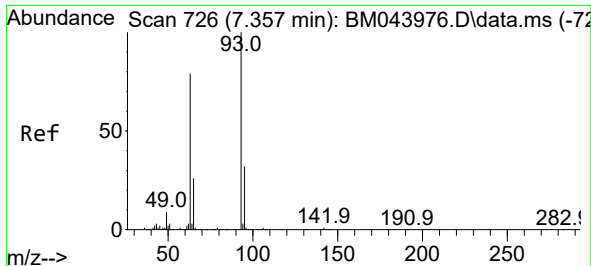
Tgt Ion: 77 Resp: 59903
Ion Ratio Lower Upper
77 100
105 89.3 77.4 117.4
106 85.6 73.5 113.5



#10
Phenol
Concen: 5.600 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 94 Resp: 75517
Ion Ratio Lower Upper
94 100
65 30.0 9.3 49.3
66 42.5 15.7 55.7

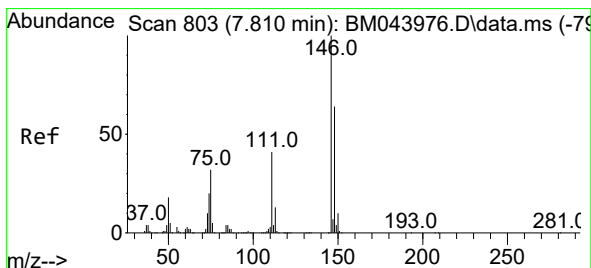
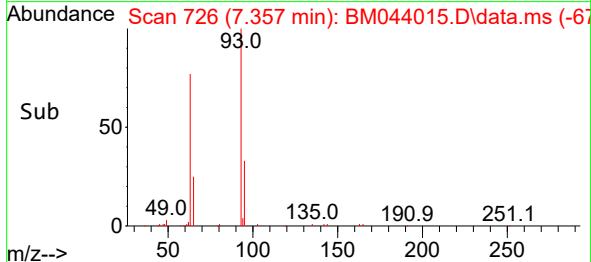
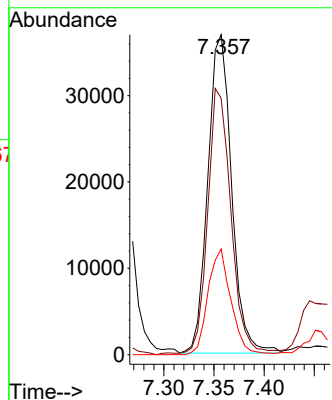
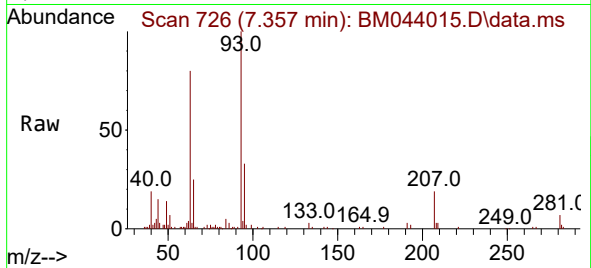




#11
bis(2-Chloroethyl)ether
Concen: 5.762 ng
RT: 7.357 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

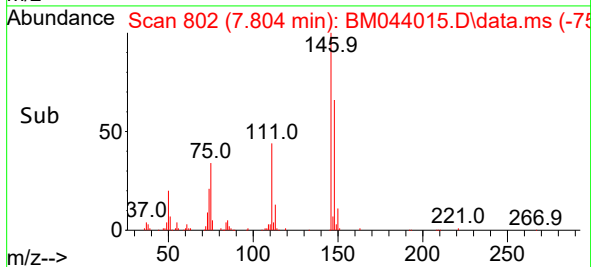
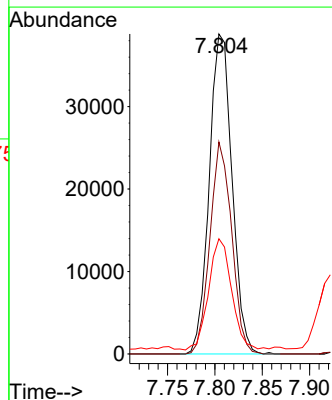
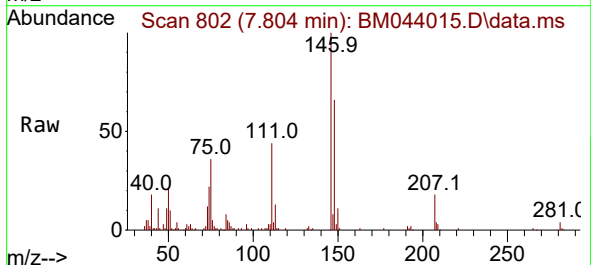
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

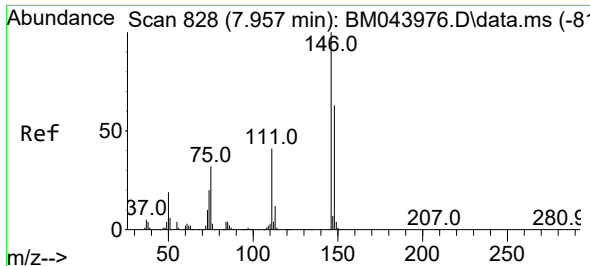
Tgt Ion: 93 Resp: 60897
Ion Ratio Lower Upper
93 100
63 80.1 59.0 99.0
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 5.897 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 146 Resp: 64888
Ion Ratio Lower Upper
146 100
148 66.2 51.0 76.6
75 36.0 26.1 39.1

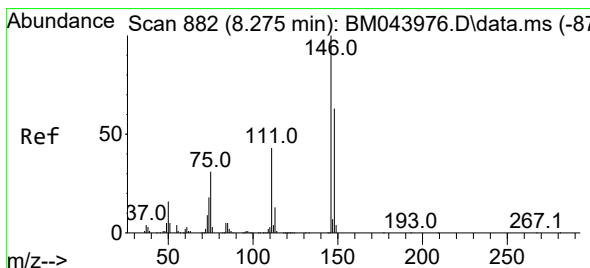
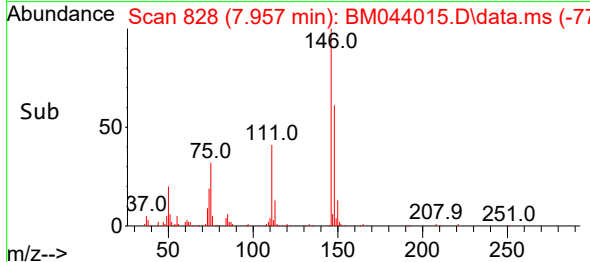
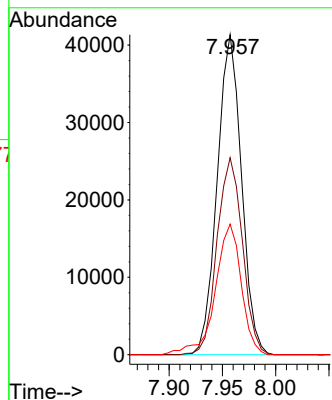
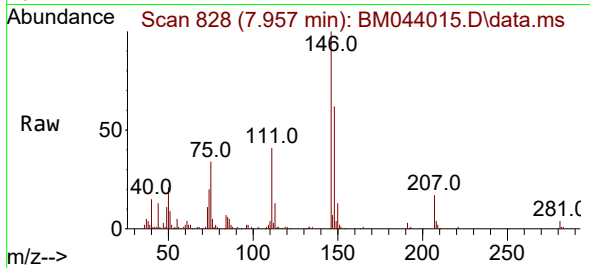




#13
1,4-Dichlorobenzene
Concen: 5.883 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

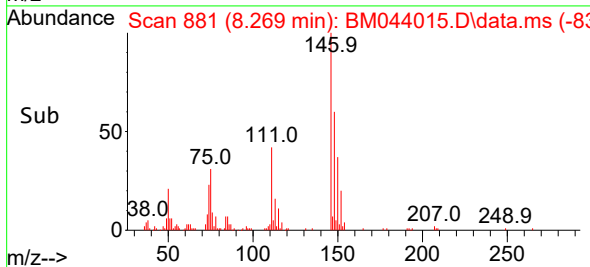
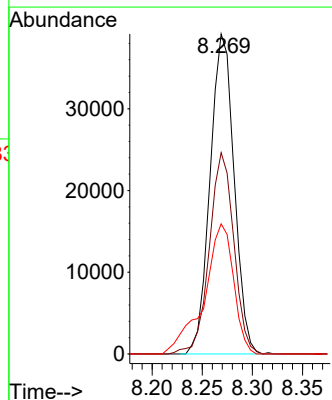
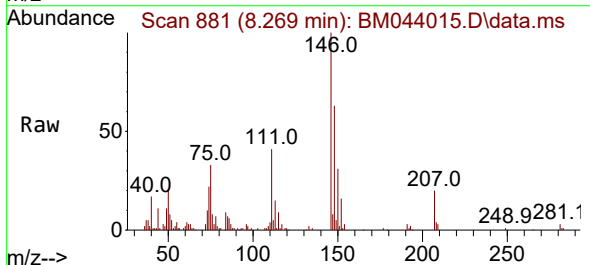
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

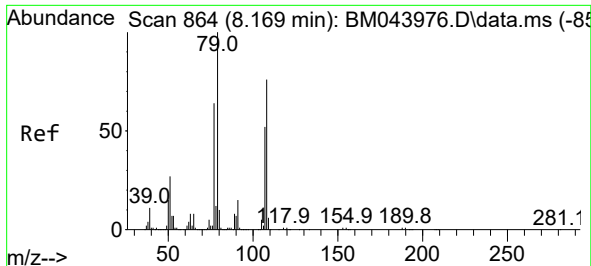
Tgt Ion:146 Resp: 65470
Ion Ratio Lower Upper
146 100
148 61.5 50.7 76.1
111 40.8 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 5.937 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:146 Resp: 65163
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 40.6 34.3 51.5

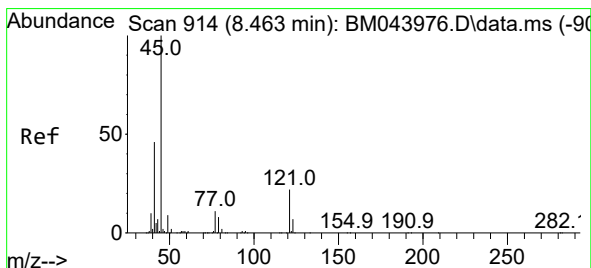
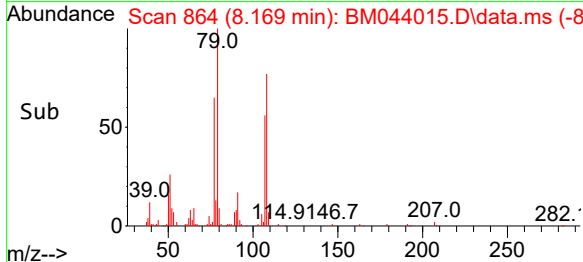
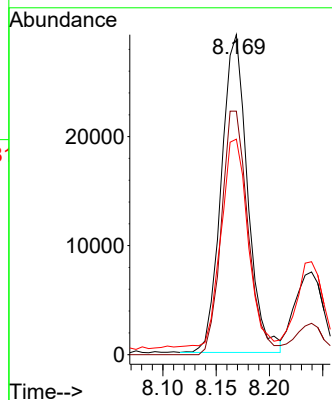
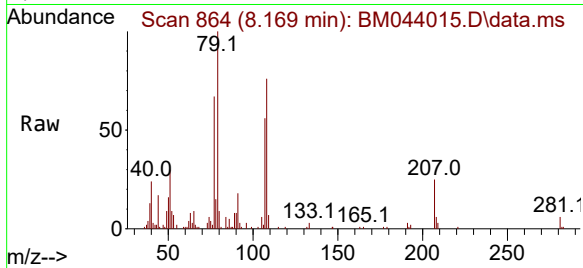




#15
Benzyl Alcohol
Concen: 5.373 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

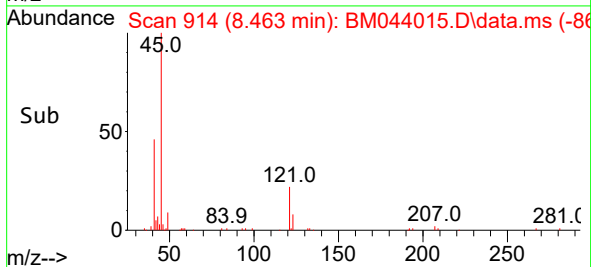
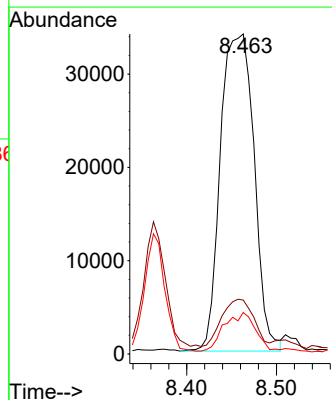
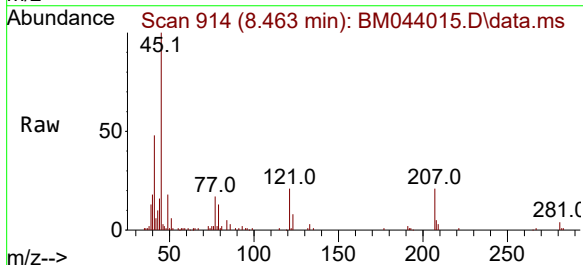
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

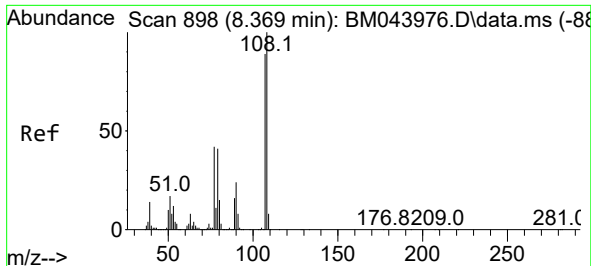
Tgt Ion: 79 Resp: 49946
Ion Ratio Lower Upper
79 100
108 76.1 60.7 91.1
77 67.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.245 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 45 Resp: 88522
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.4
79 13.0 0.0 31.2

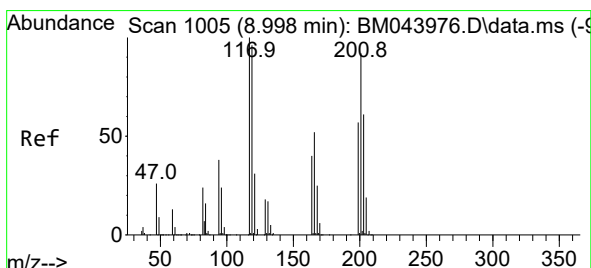
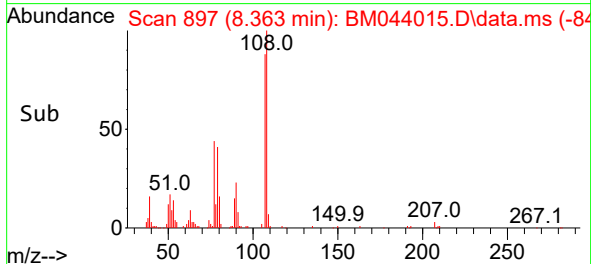
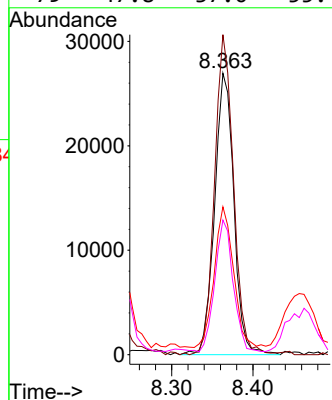
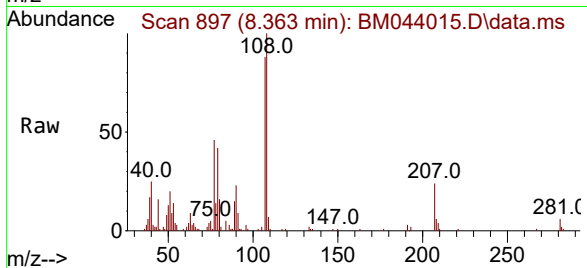




#17
2-Methylphenol
Concen: 5.166 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

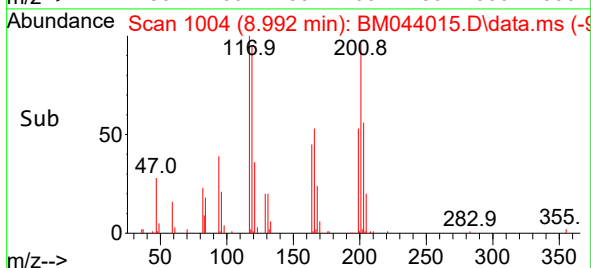
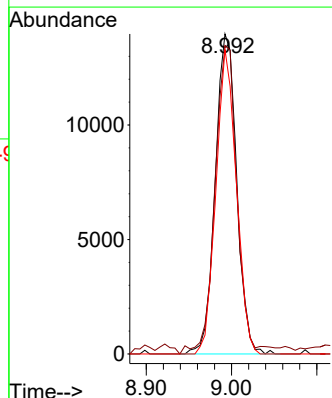
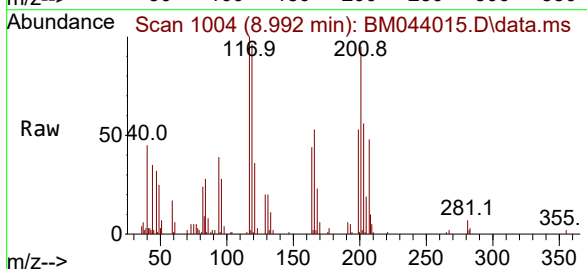
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

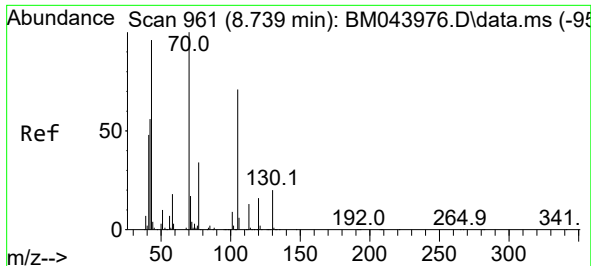
Tgt Ion:	107	Resp:	44531
Ion Ratio	Lower	Upper	
107	100		
108	113.7	90.4	135.6
77	52.5	38.0	57.0
79	47.8	37.0	55.4



#18
Hexachloroethane
Concen: 5.843 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:	117	Resp:	24401
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.7	115.1
201	97.4	73.4	110.2

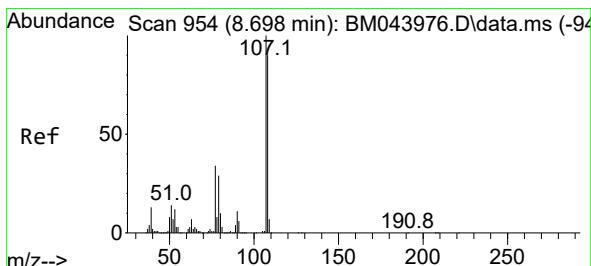
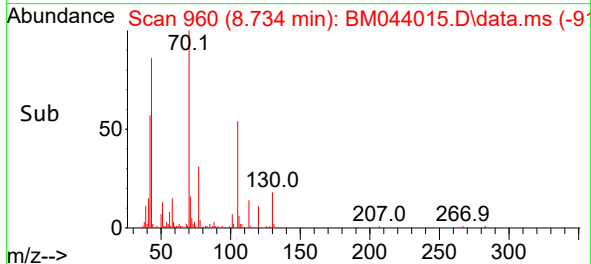
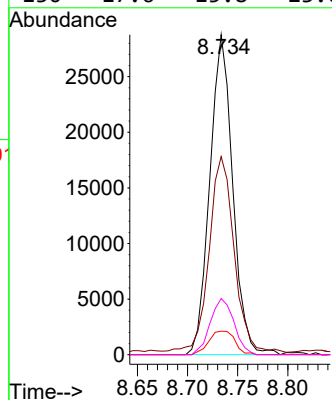
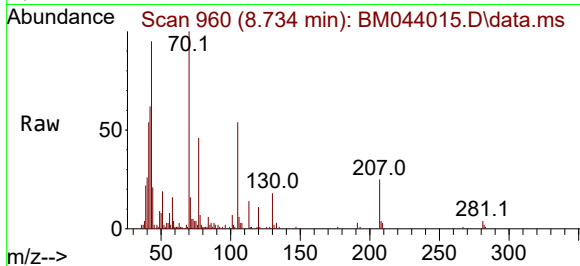




#19
n-Nitroso-di-n-propylamine
Concen: 5.123 ng
RT: 8.734 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

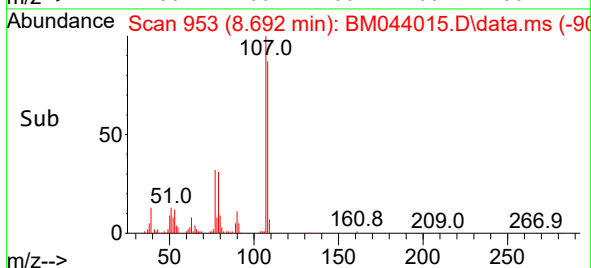
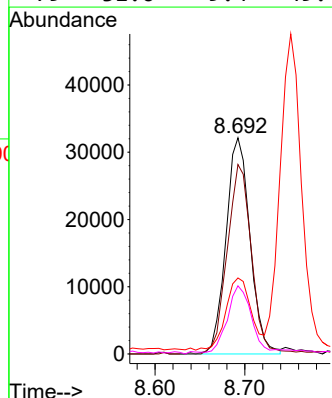
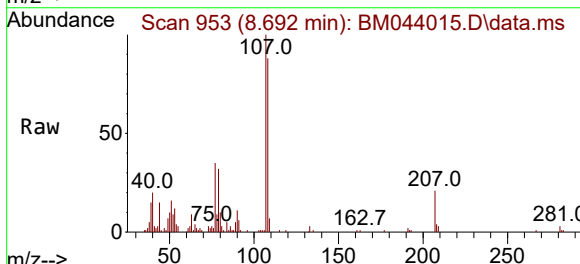
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

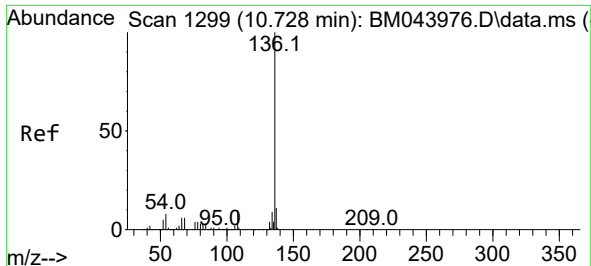
Tgt Ion: 70 Resp: 45723
Ion Ratio Lower Upper
70 100
42 61.9 45.6 68.4
101 7.4 7.5 11.3#
130 17.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 4.920 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 107 Resp: 59855
Ion Ratio Lower Upper
107 100
108 87.7 70.3 110.3
77 35.2 14.0 54.0
79 31.6 9.4 49.4

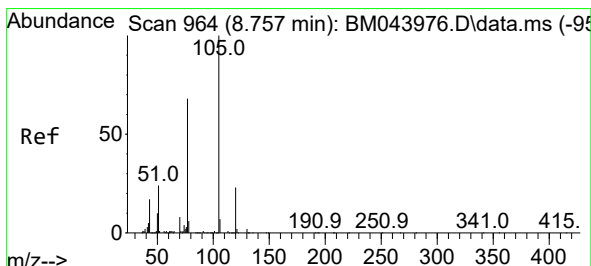
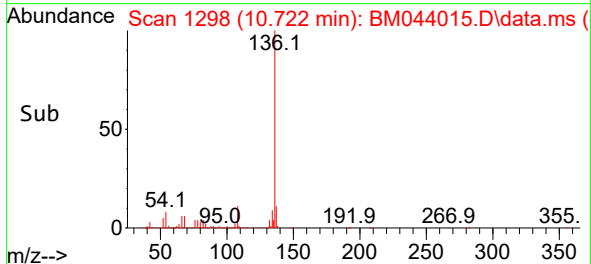
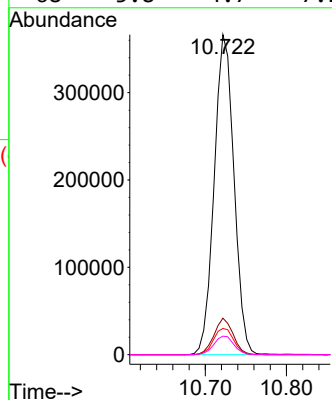
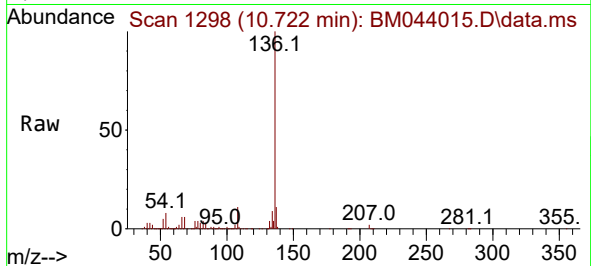




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

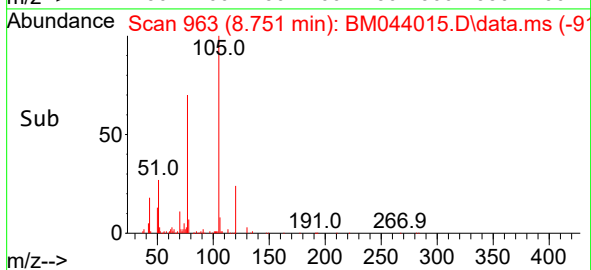
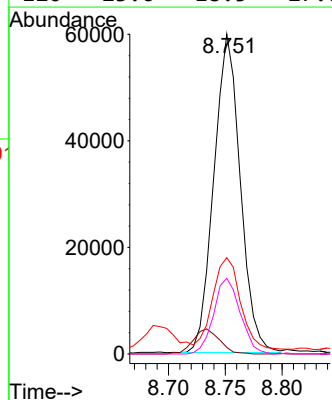
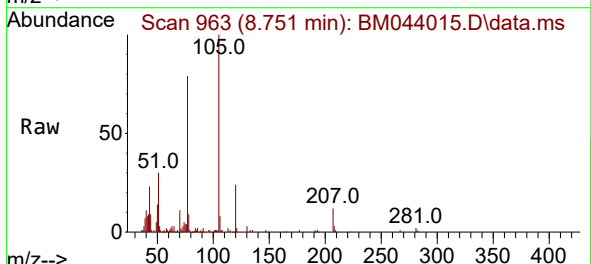
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

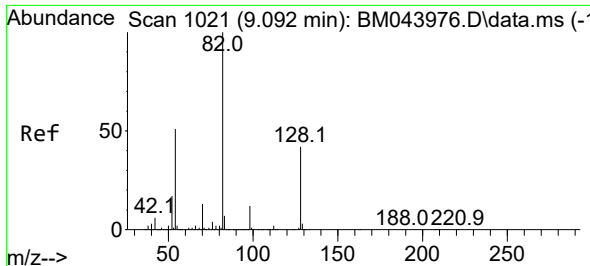
Tgt Ion:136 Resp: 620634
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.2 6.5 9.7
68 5.8 4.7 7.1



#22
Acetophenone
Concen: 5.750 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:105 Resp: 96687
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 30.1 21.8 32.6
120 23.6 18.5 27.7

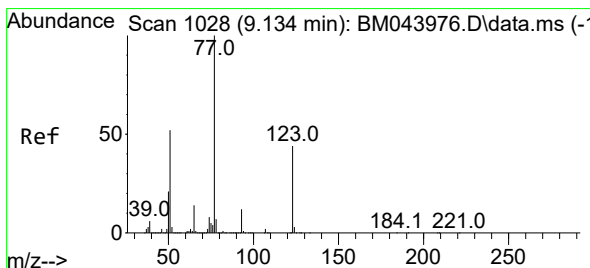
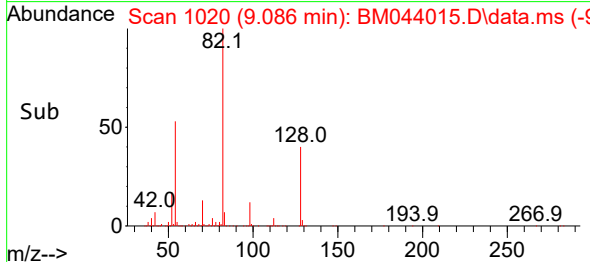
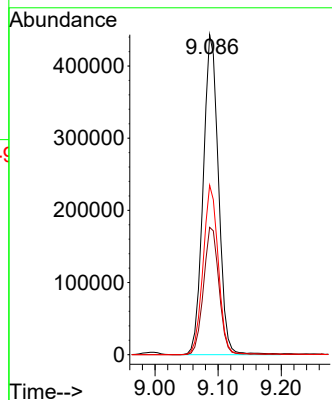
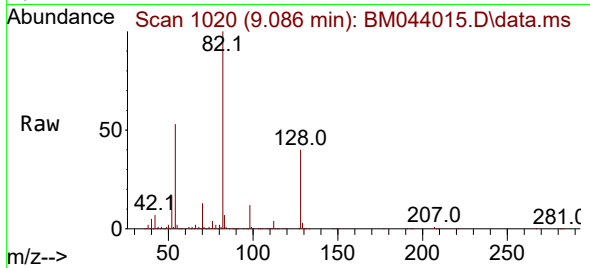




#23
Nitrobenzene-d5
Concen: 57.872 ng
RT: 9.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

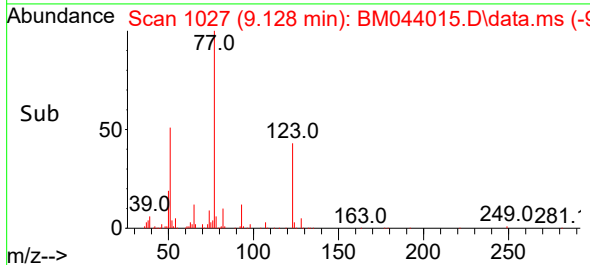
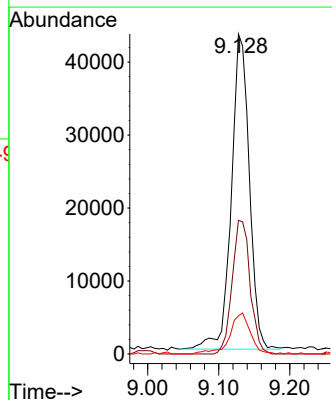
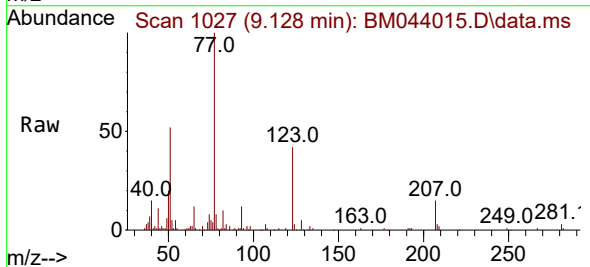
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

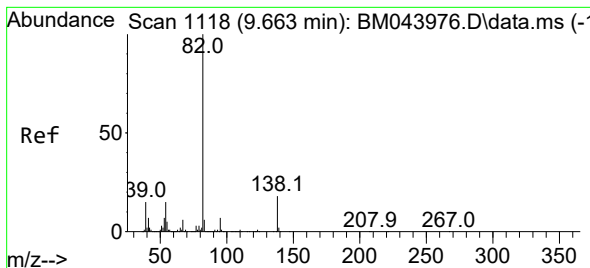
Tgt Ion: 82 Resp: 745088
Ion Ratio Lower Upper
82 100
128 39.8 33.9 50.9
54 53.0 41.1 61.7



#24
Nitrobenzene
Concen: 5.901 ng
RT: 9.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 77 Resp: 76233
Ion Ratio Lower Upper
77 100
123 41.8 35.3 52.9
65 11.9 10.9 16.3





#25

Isophorone

Concen: 5.049 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

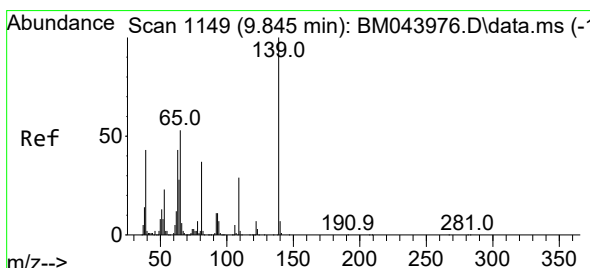
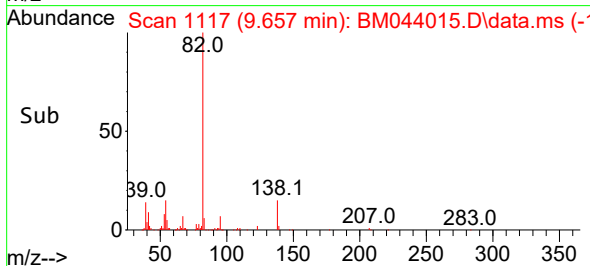
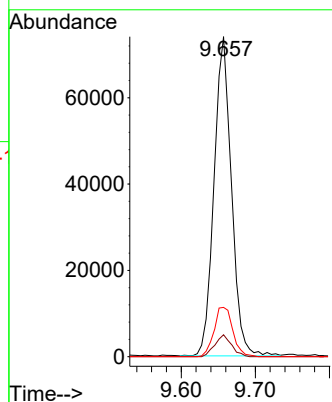
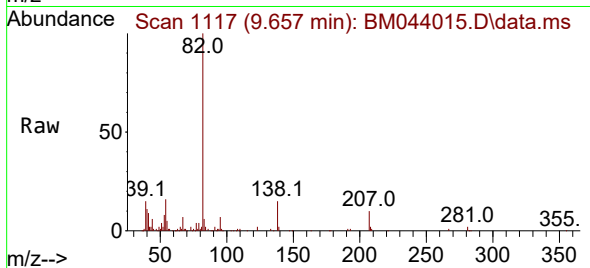
Tgt Ion: 82 Resp: 121017

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 15.4 14.2 21.2



#26

2-Nitrophenol

Concen: 4.368 ng

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

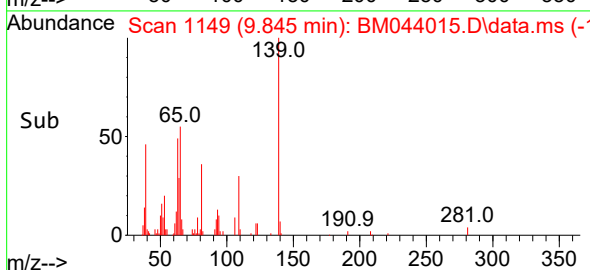
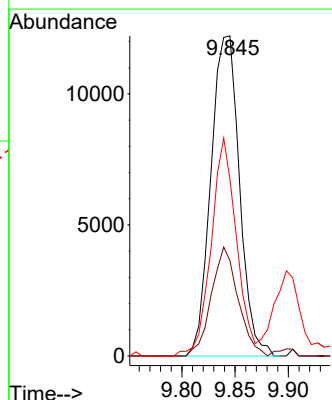
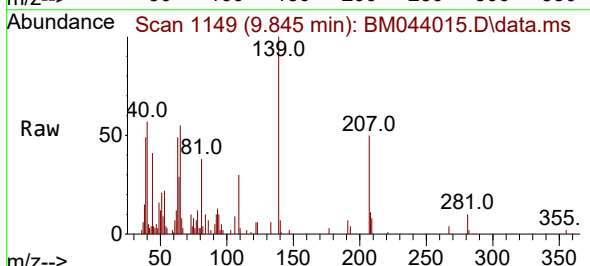
Tgt Ion:139 Resp: 22802

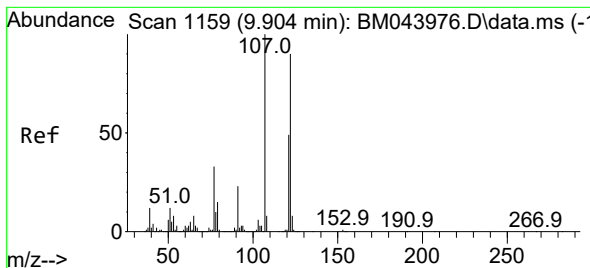
Ion Ratio Lower Upper

139 100

109 29.8 23.3 34.9

65 55.2 42.5 63.7

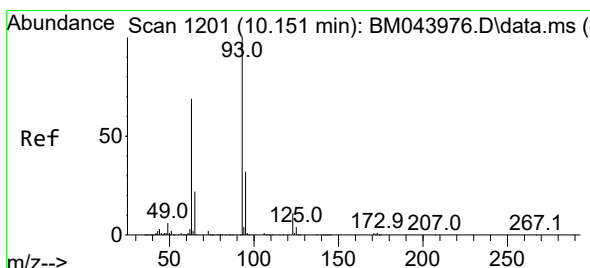
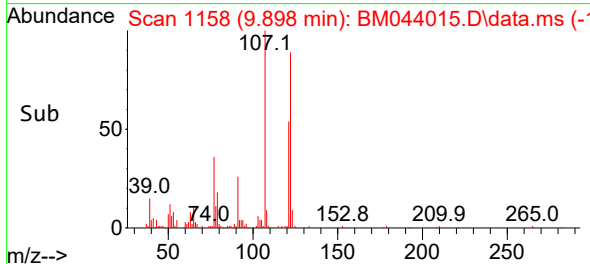
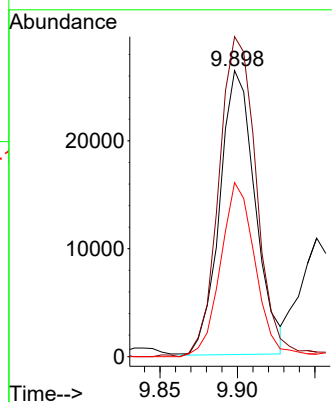
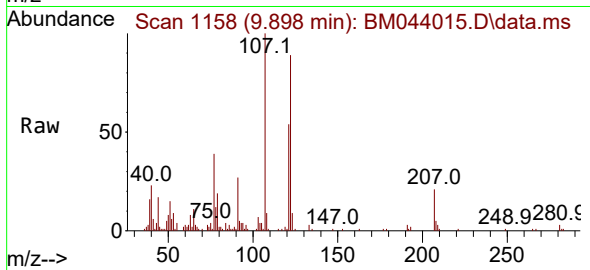




#27
2,4-Dimethylphenol
Concen: 5.852 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

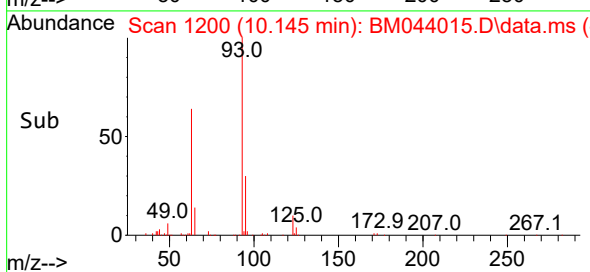
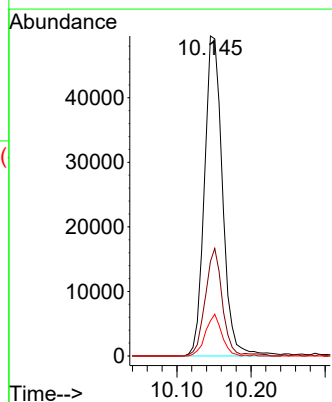
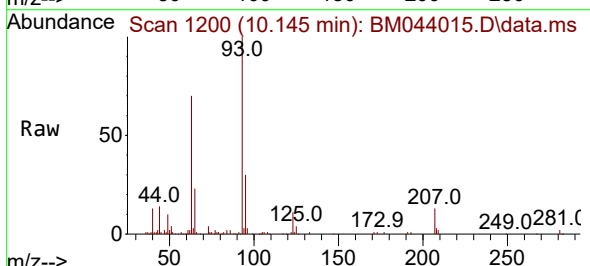
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

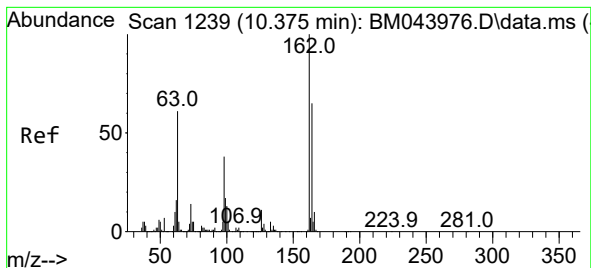
Tgt Ion:122 Resp: 41952
Ion Ratio Lower Upper
122 100
107 111.8 89.0 133.4
121 60.8 43.4 65.0



#28
bis(2-Chloroethoxy)methane
Concen: 5.745 ng
RT: 10.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 93 Resp: 84087
Ion Ratio Lower Upper
93 100
95 29.5 25.9 38.9
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.903 ng

RT: 10.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

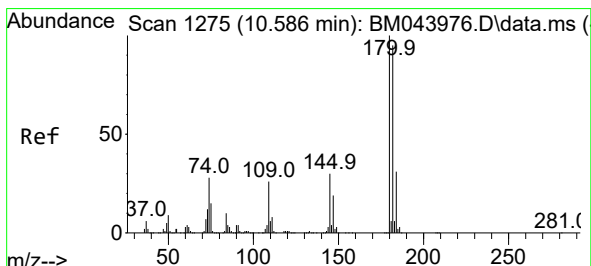
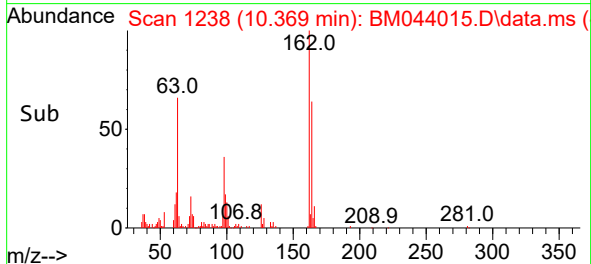
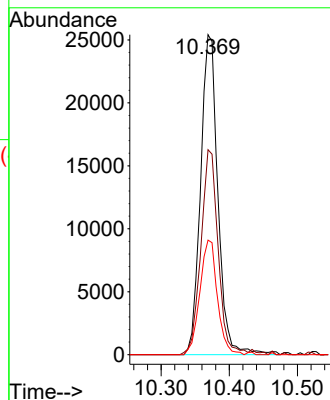
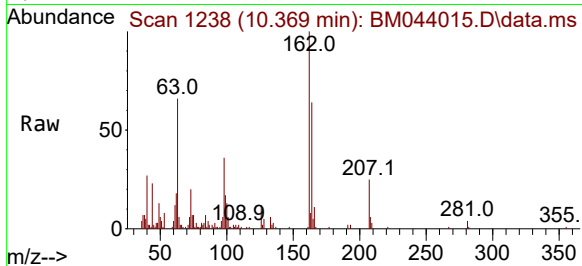
Tgt Ion:162 Resp: 44835

Ion Ratio Lower Upper

162 100

164 64.1 45.1 85.1

98 35.8 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 5.931 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

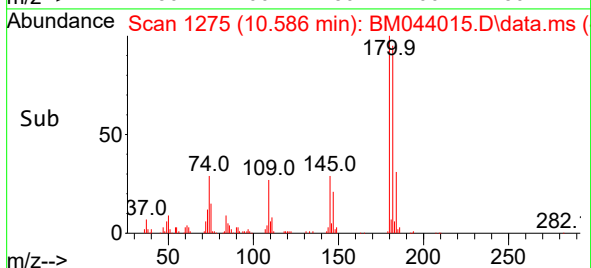
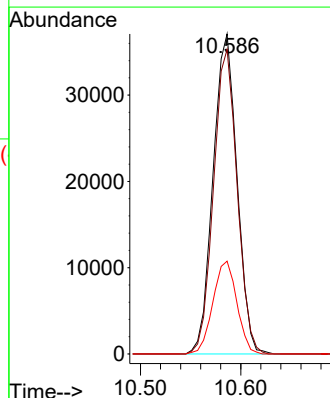
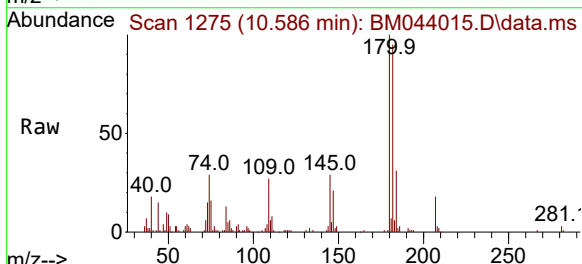
Tgt Ion:180 Resp: 61254

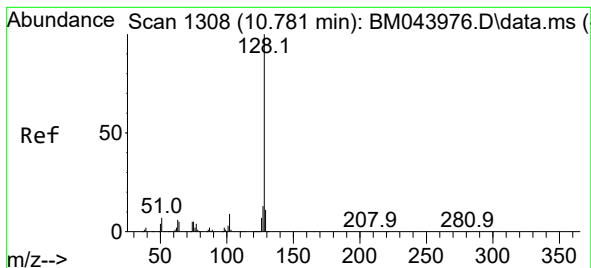
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 29.0 24.2 36.2





#31

Naphthalene

Concen: 5.938 ng

RT: 10.775 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

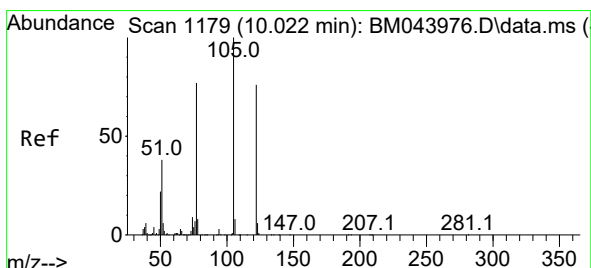
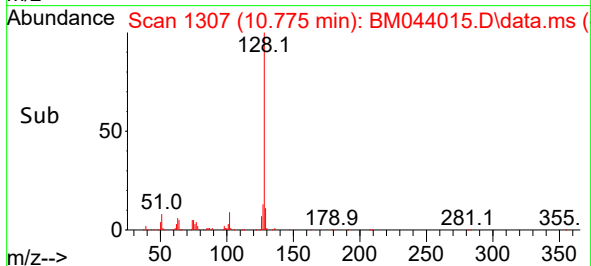
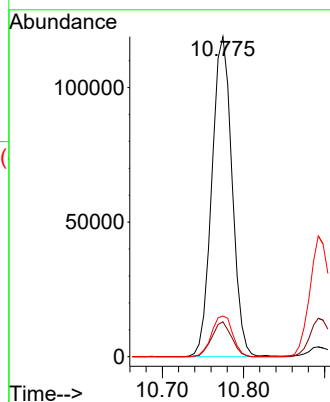
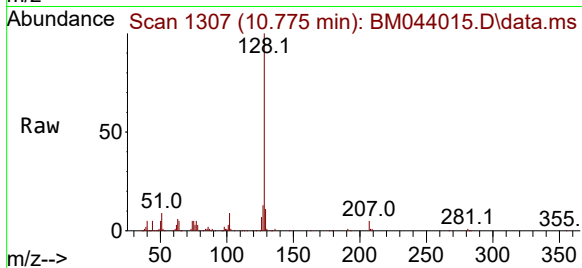
Tgt Ion:128 Resp: 205399

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.7 10.1 15.1



#32

Benzoic acid

Concen: 8.893 ng

RT: 9.951 min Scan# 1167

Delta R.T. -0.071 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

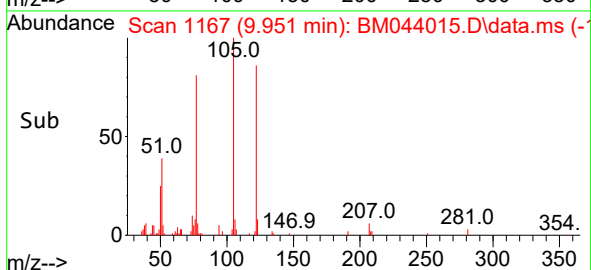
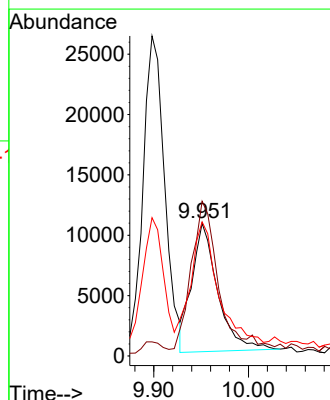
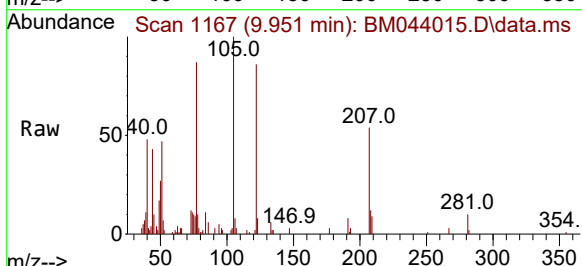
Tgt Ion:122 Resp: 20237

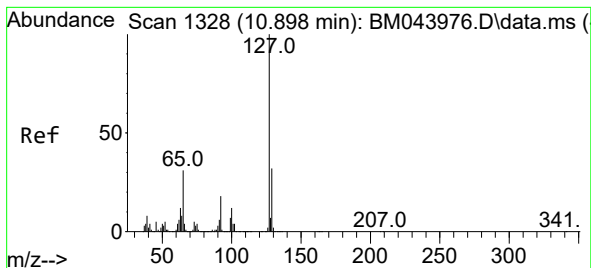
Ion Ratio Lower Upper

122 100

105 116.6 109.4 149.4

77 101.1 80.5 120.5

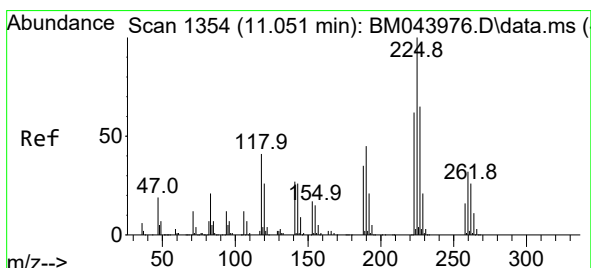
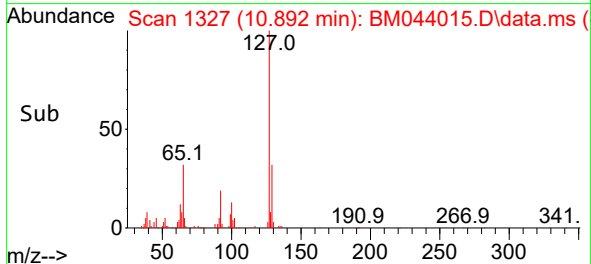
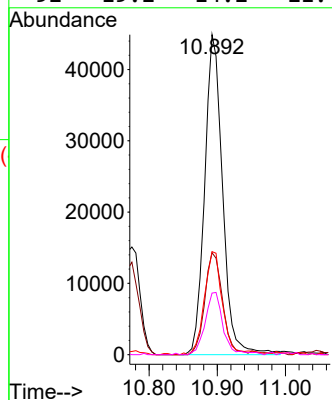
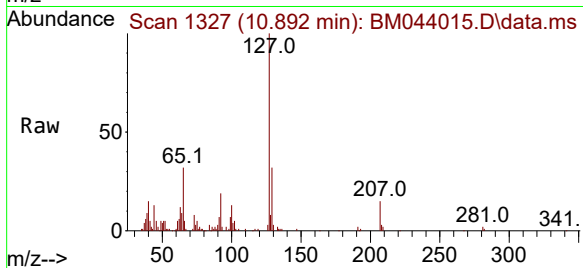




#33
4-Chloroaniline
Concen: 5.779 ng
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

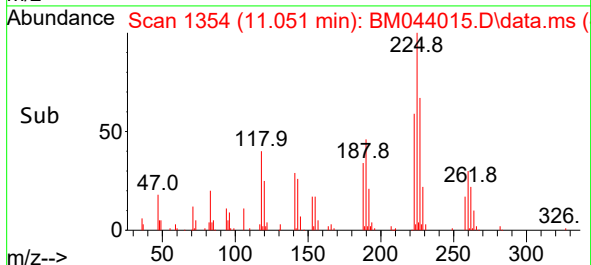
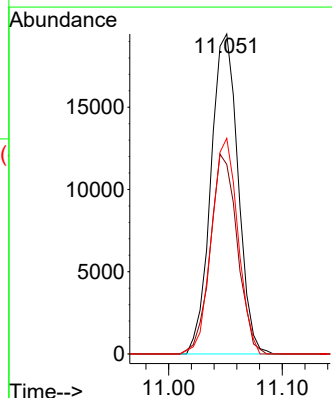
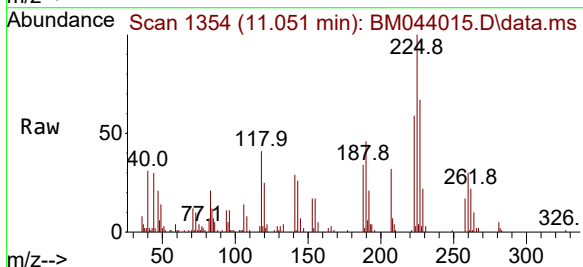
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

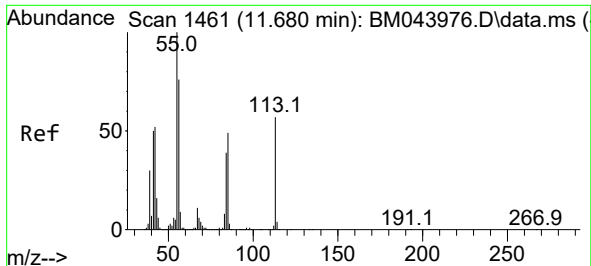
Tgt Ion:	127	Resp:	82173
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.6	38.4
65	32.2	24.5	36.7
92	19.2	14.2	21.4



#34
Hexachlorobutadiene
Concen: 5.738 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:	225	Resp:	32320
Ion Ratio	Lower	Upper	
225	100		
223	59.3	49.8	74.8
227	67.4	51.7	77.5

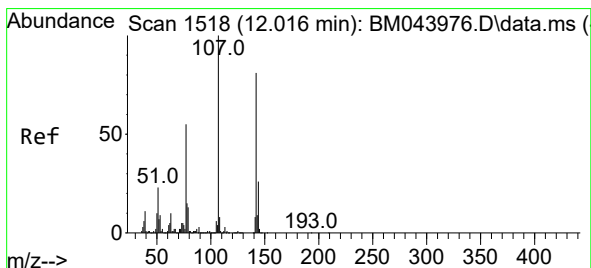
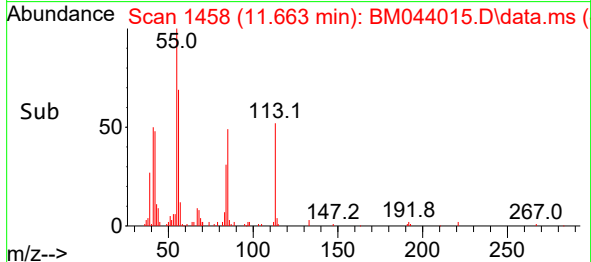
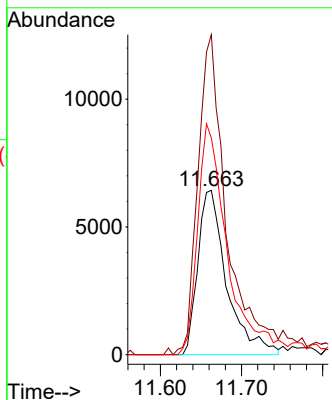
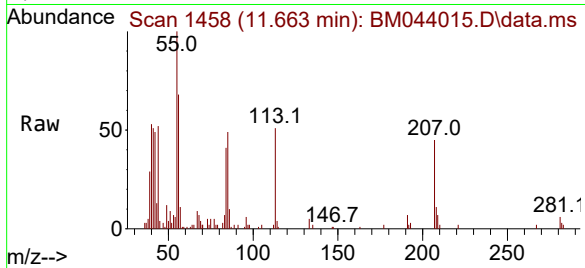




#35
Caprolactam
Concen: 4.242 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

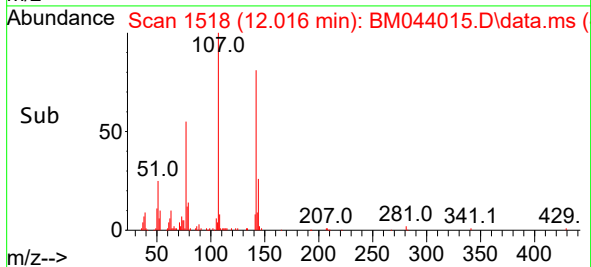
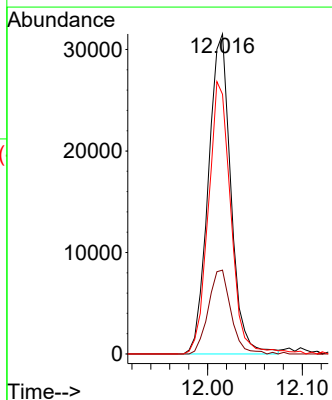
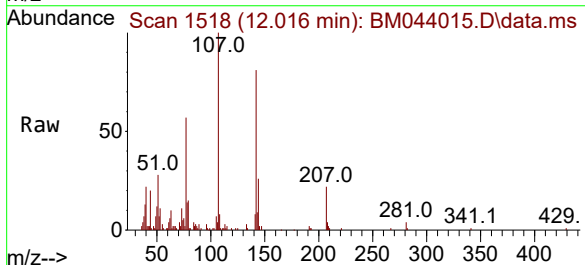
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

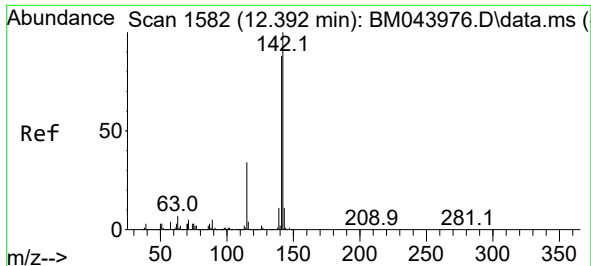
Tgt Ion:113 Resp: 15905
Ion Ratio Lower Upper
113 100
55 194.8 154.3 194.3#
56 131.9 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 4.666 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:107 Resp: 52247
Ion Ratio Lower Upper
107 100
144 26.2 21.1 31.7
142 81.2 65.0 97.4





#37

2-Methylnaphthalene

Concen: 5.625 ng

RT: 12.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

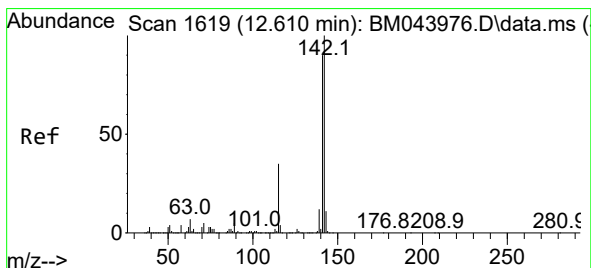
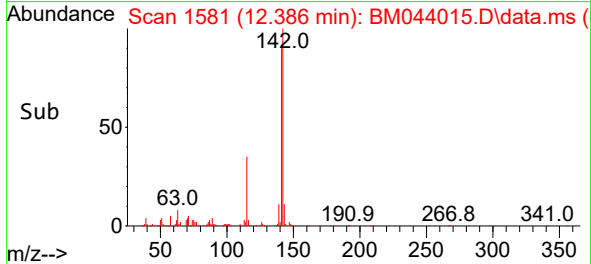
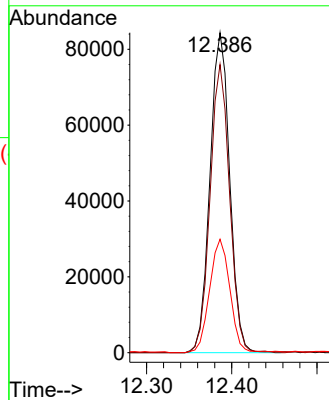
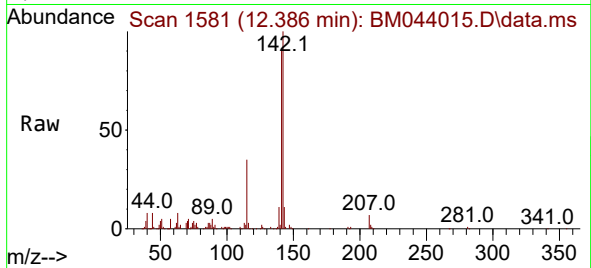
Tgt Ion:142 Resp: 135694

Ion Ratio Lower Upper

142 100

141 90.1 70.2 105.2

115 35.5 27.2 40.8



#38

1-Methylnaphthalene

Concen: 5.710 ng

RT: 12.604 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

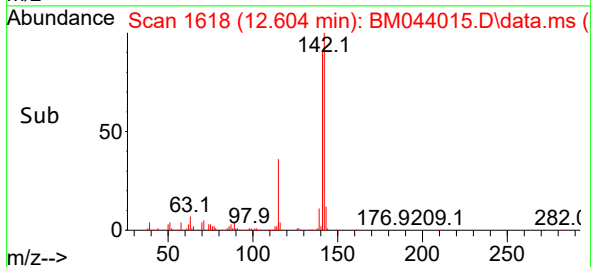
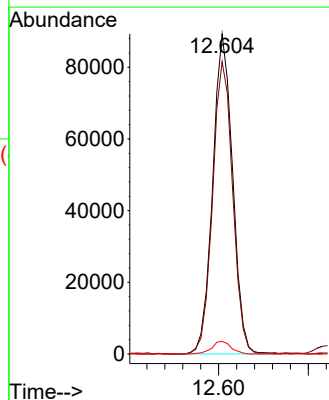
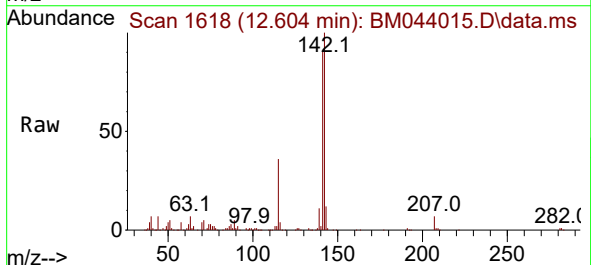
Tgt Ion:142 Resp: 137516

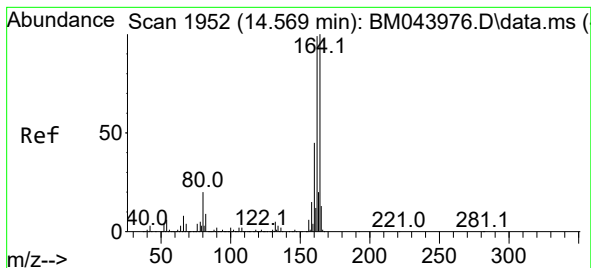
Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1

116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

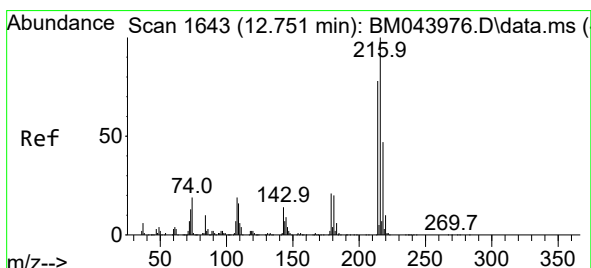
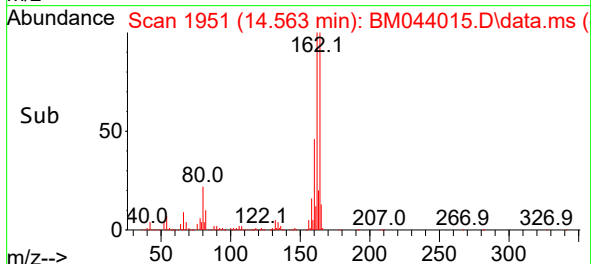
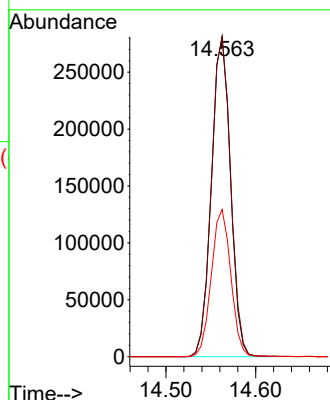
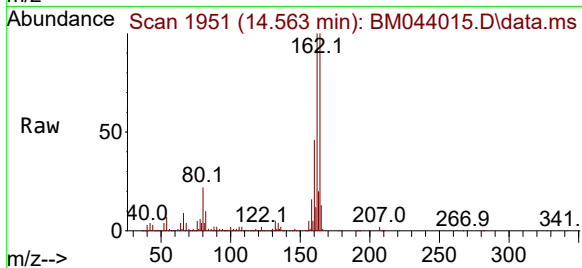
Tgt Ion:164 Resp: 415448

Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.4

160 46.0 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.922 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Tgt Ion:216 Resp: 69775

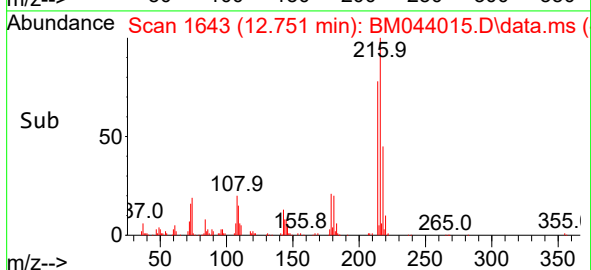
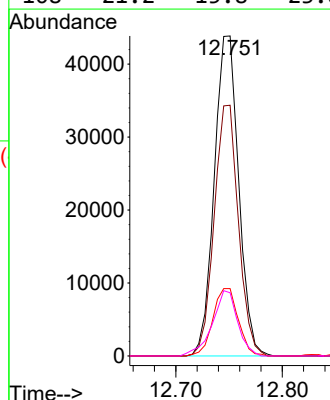
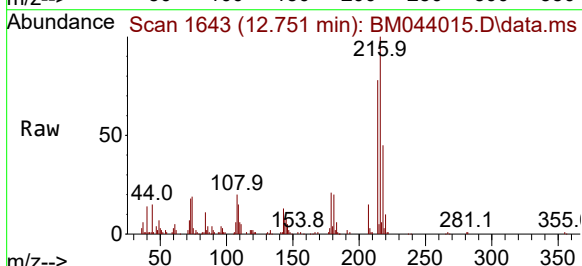
Ion Ratio Lower Upper

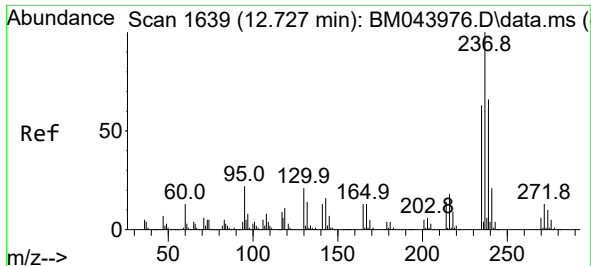
216 100

214 77.6 62.6 94.0

179 21.8 16.7 25.1

108 21.2 15.8 23.8

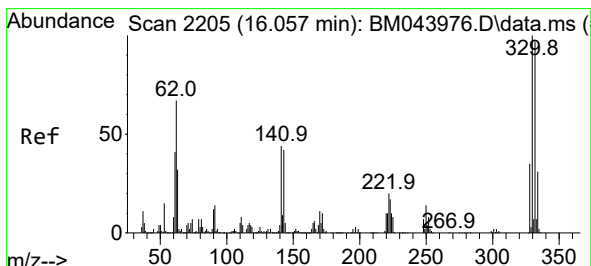
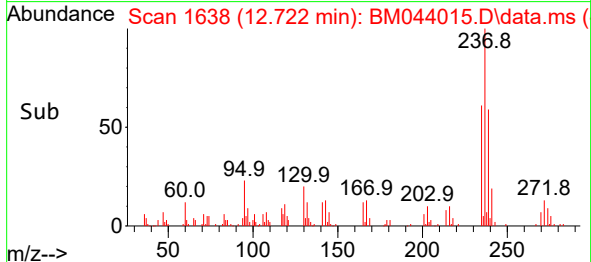
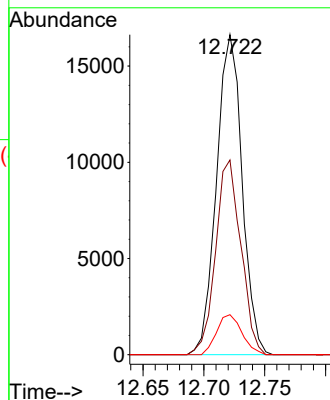
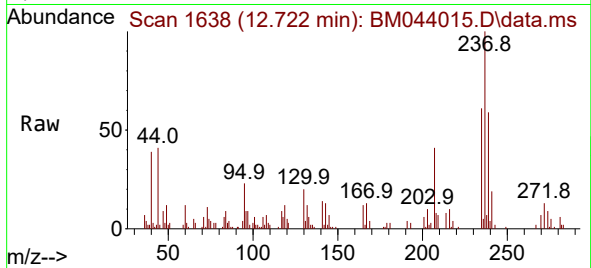




#41
Hexachlorocyclopentadiene
Concen: 6.290 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

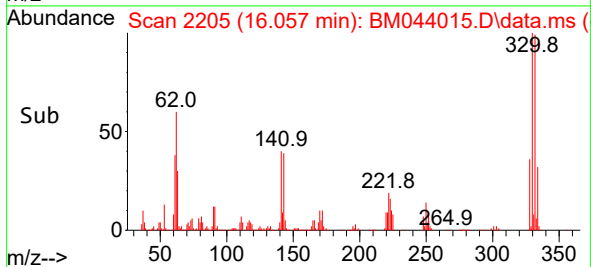
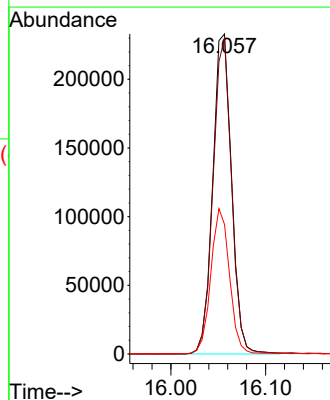
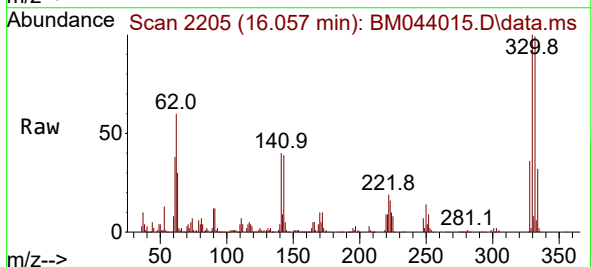
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

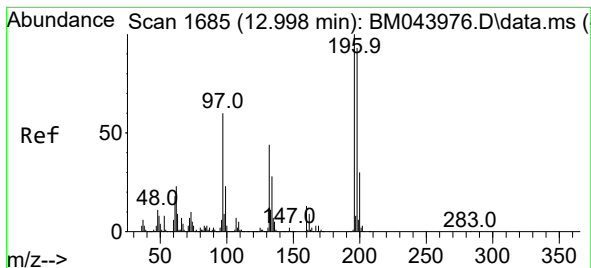
Tgt Ion:237 Resp: 24374
Ion Ratio Lower Upper
237 100
235 60.8 43.5 83.5
272 12.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 63.669 ng
RT: 16.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:330 Resp: 322437
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 45.2 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 4.413 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

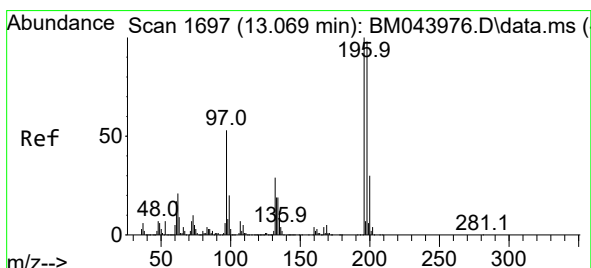
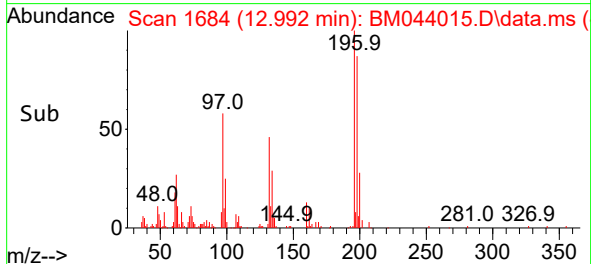
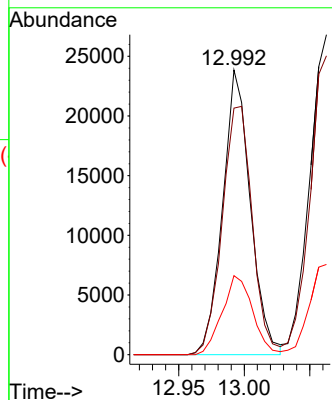
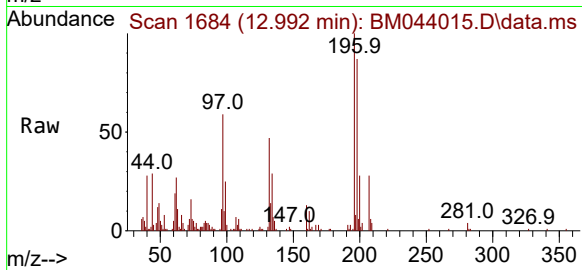
Tgt Ion:196 Resp: 35143

Ion Ratio Lower Upper

196 100

198 86.6 74.2 111.2

200 29.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 4.746 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Tgt Ion:196 Resp: 43116

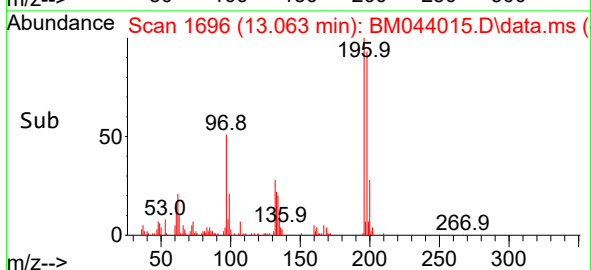
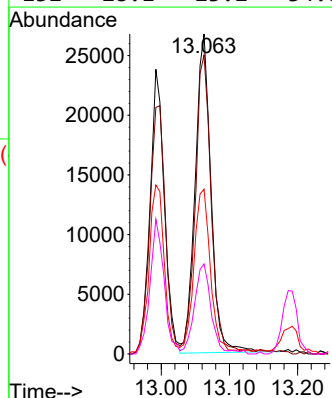
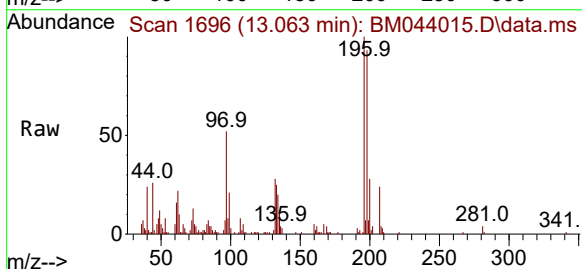
Ion Ratio Lower Upper

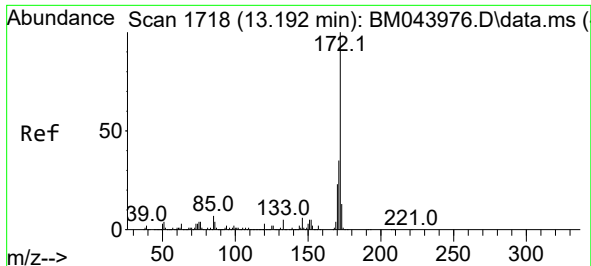
196 100

198 93.4 78.1 117.1

97 51.5 42.2 63.2

132 28.1 23.2 34.8

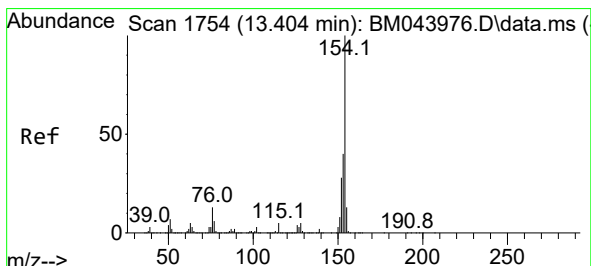
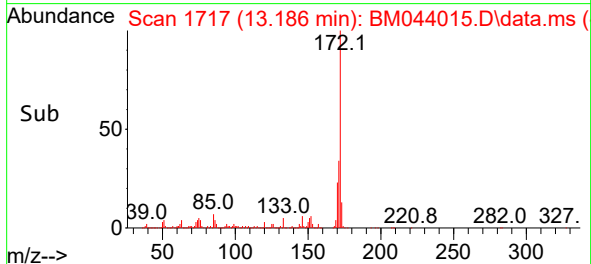
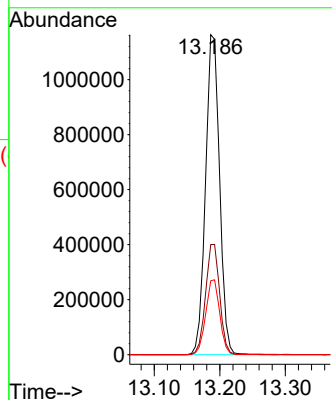
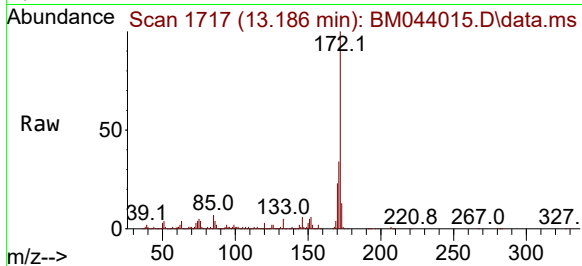




#45
2-Fluorobiphenyl
Concen: 57.441 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

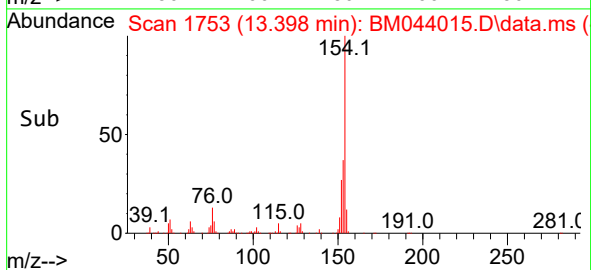
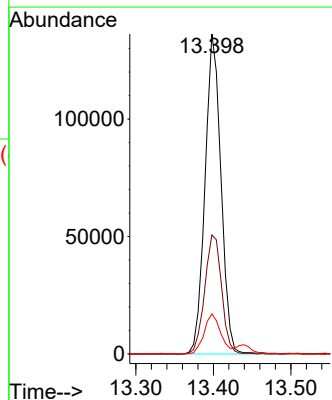
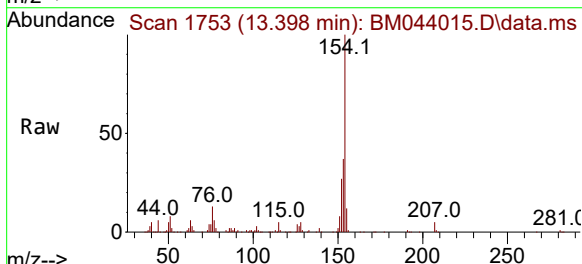
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

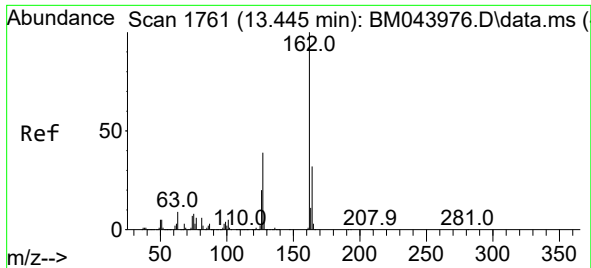
Tgt Ion:172 Resp: 1736733
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 5.961 ng
RT: 13.398 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:154 Resp: 194738
Ion Ratio Lower Upper
154 100
153 37.2 19.8 59.8
76 12.5 0.0 33.0

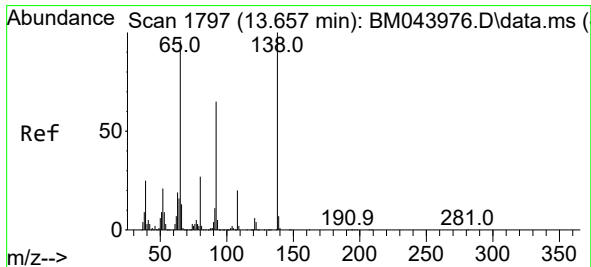
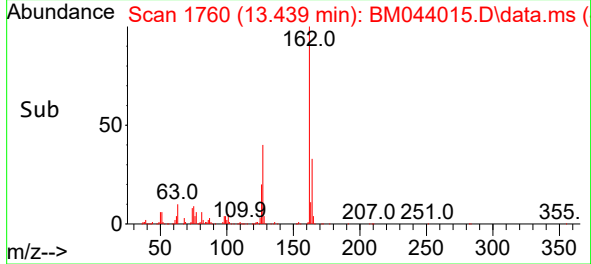
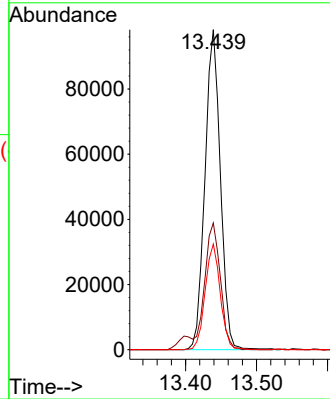
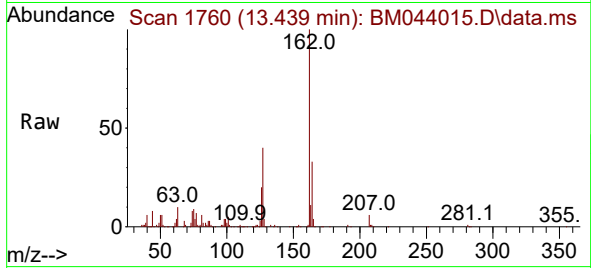




#47
2-Chloronaphthalene
Concen: 5.699 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

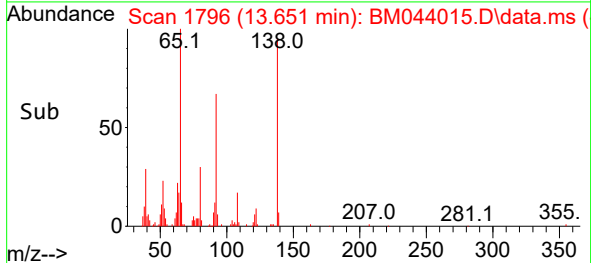
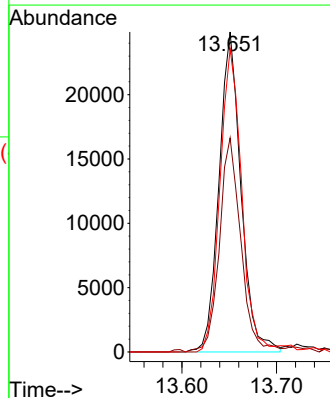
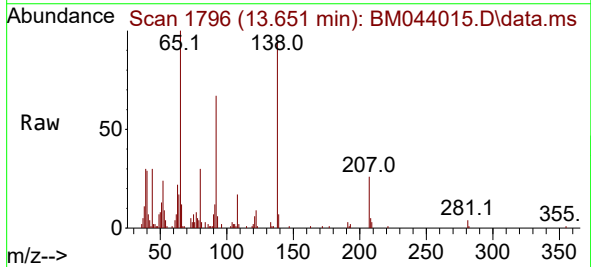
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

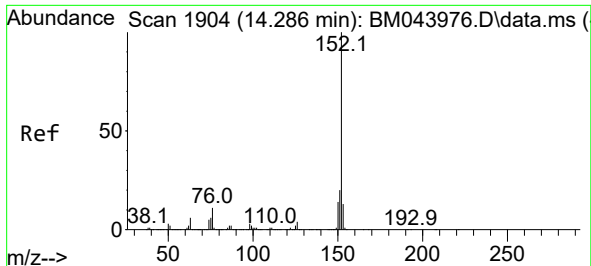
Tgt Ion:162 Resp: 148494
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.6
164 33.0 25.8 38.6



#48
2-Nitroaniline
Concen: 4.734 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion: 65 Resp: 40117
Ion Ratio Lower Upper
65 100
92 66.9 53.6 80.4
138 94.7 83.0 124.6

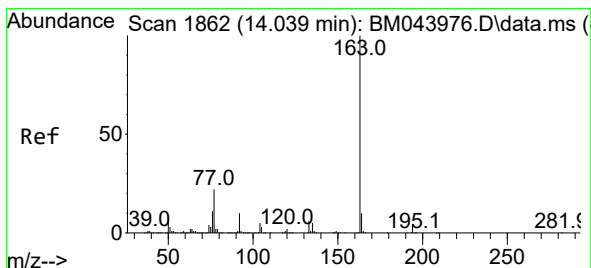
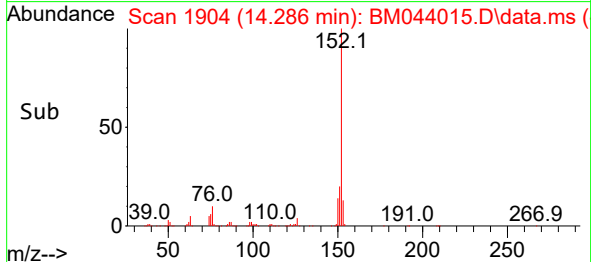
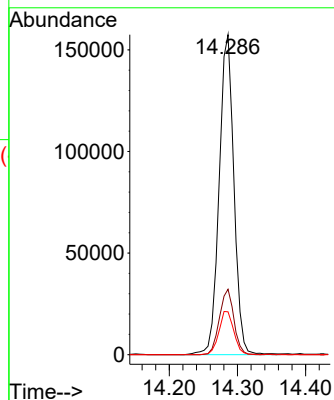
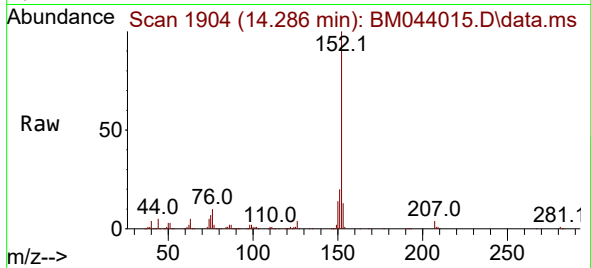




#49
Acenaphthylene
Concen: 5.966 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

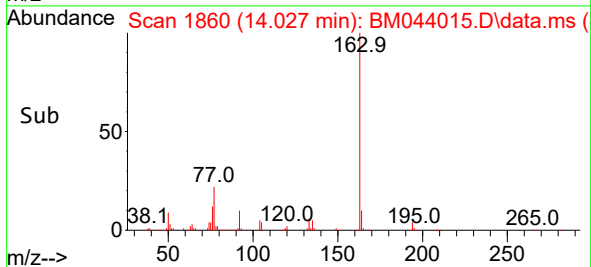
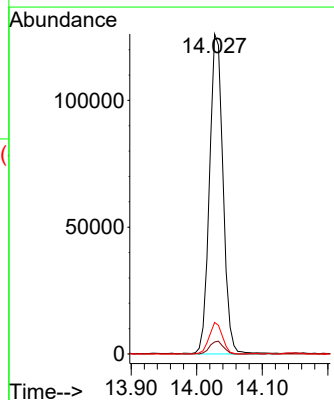
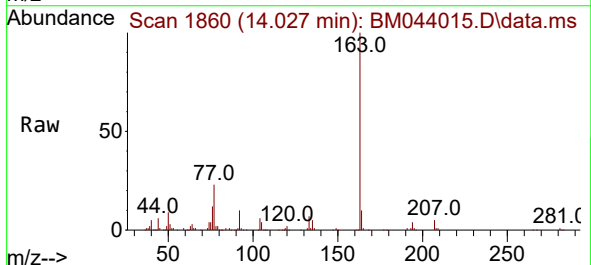
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

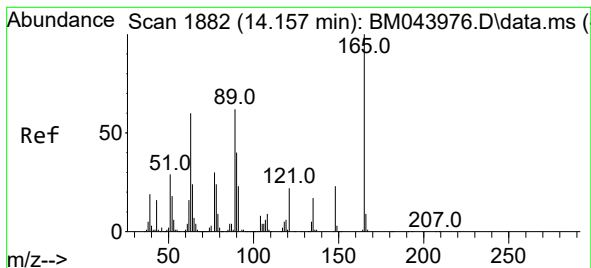
Tgt Ion:152 Resp: 237622
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 5.642 ng
RT: 14.027 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:163 Resp: 182070
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.8 8.0 12.0

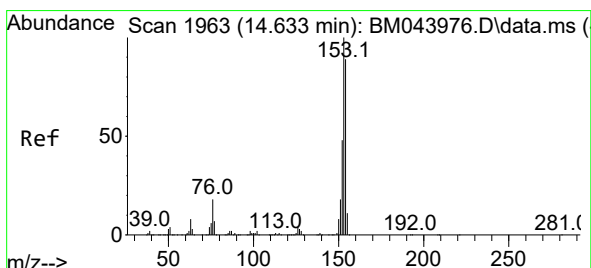
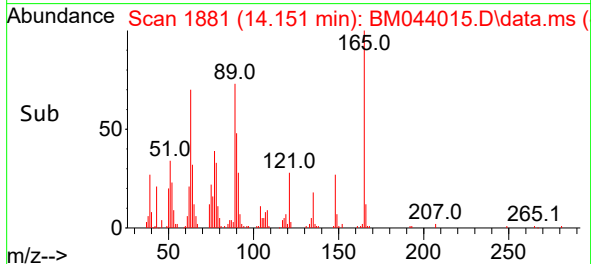
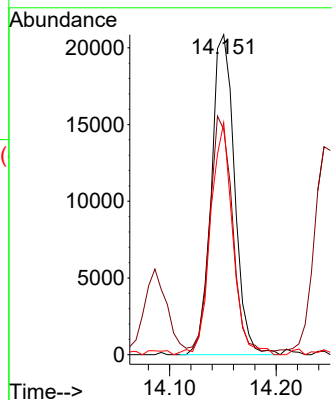
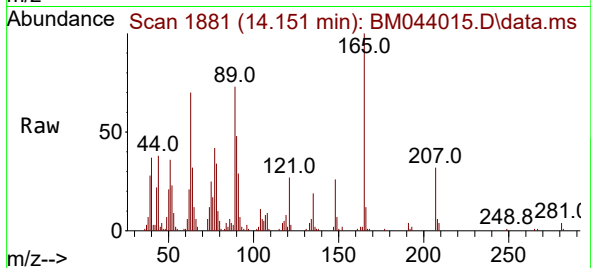




#51
2,6-Dinitrotoluene
Concen: 4.443 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

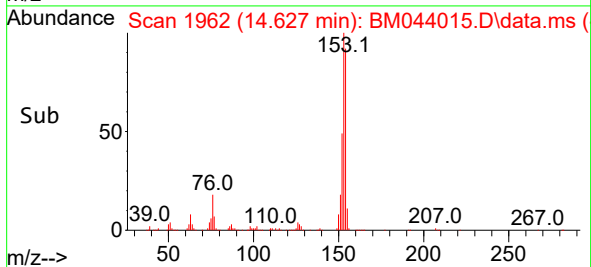
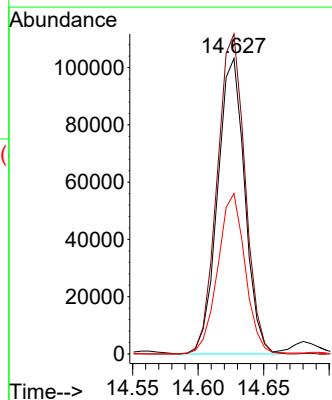
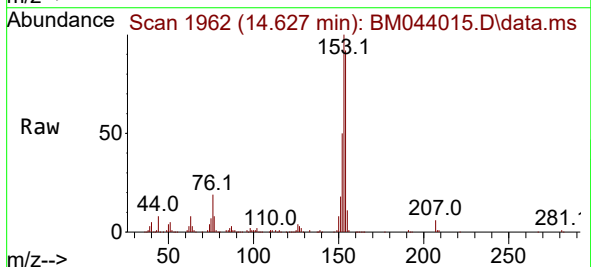
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

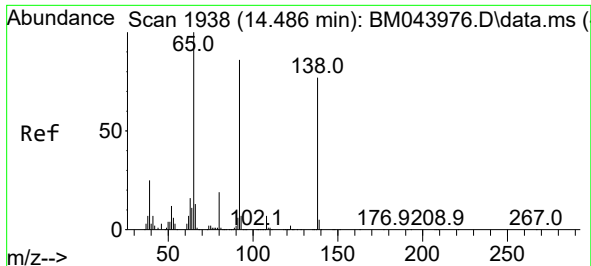
Tgt Ion:165 Resp: 31518
Ion Ratio Lower Upper
165 100
63 70.4 51.1 76.7
89 72.5 49.5 74.3



#52
Acenaphthene
Concen: 5.908 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:154 Resp: 149158
Ion Ratio Lower Upper
154 100
153 108.3 90.1 135.1
152 54.3 43.6 65.4

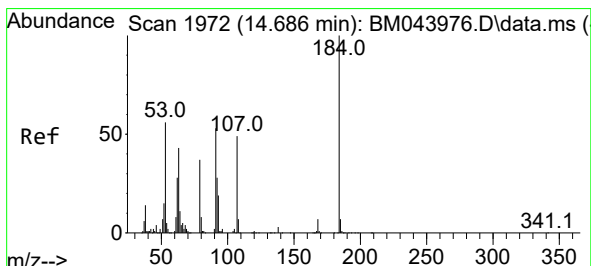
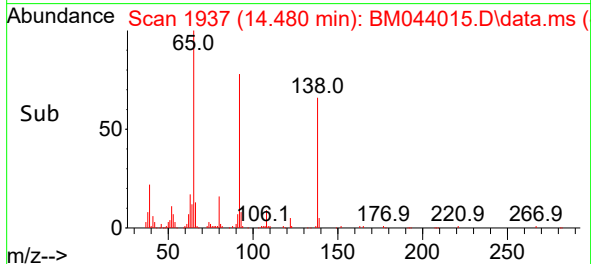
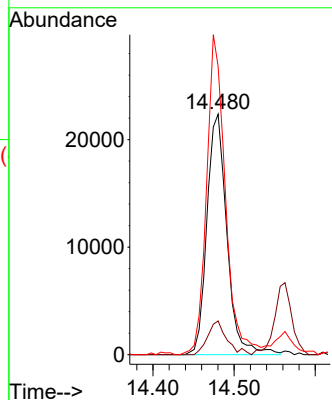
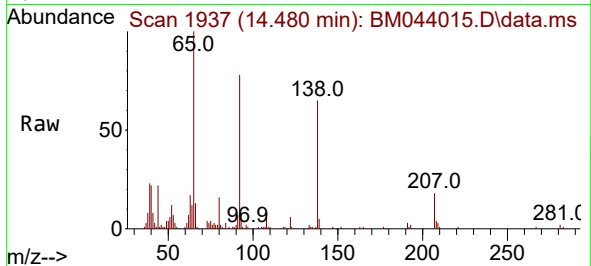




#53
3-Nitroaniline
Concen: 4.641 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

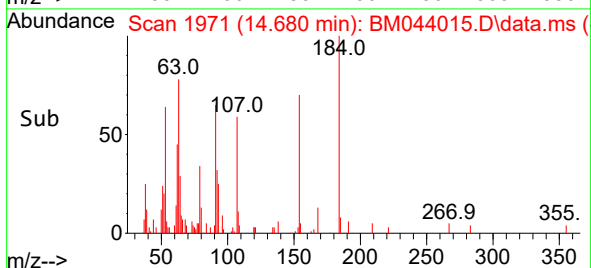
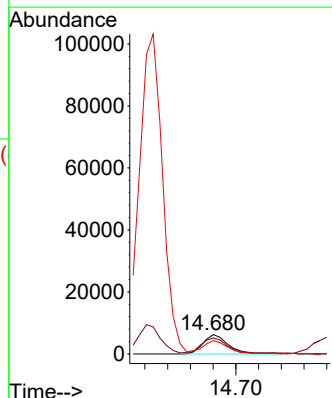
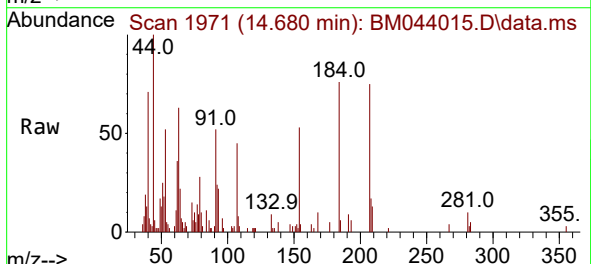
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

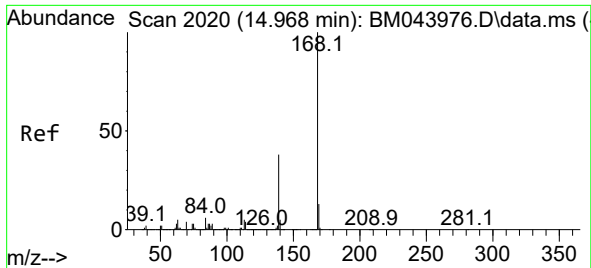
Tgt Ion:138 Resp: 38220
Ion Ratio Lower Upper
138 100
108 14.0 7.8 11.6#
92 119.8 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 9.377 ng
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:184 Resp: 9491
Ion Ratio Lower Upper
184 100
63 83.3 62.8 94.2
154 69.9 51.4 77.2

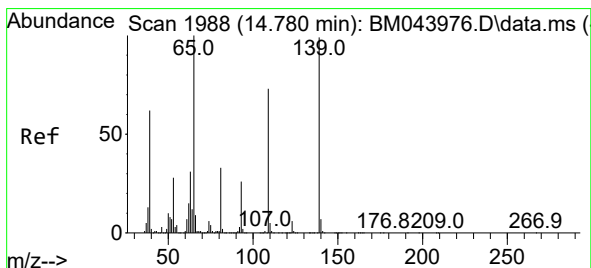
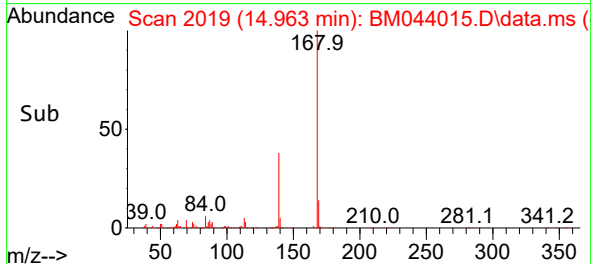
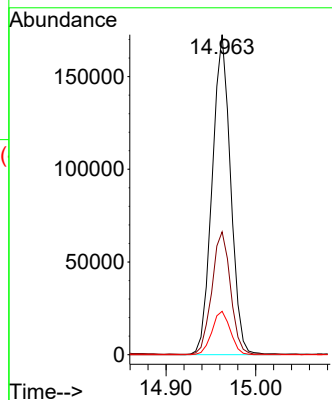
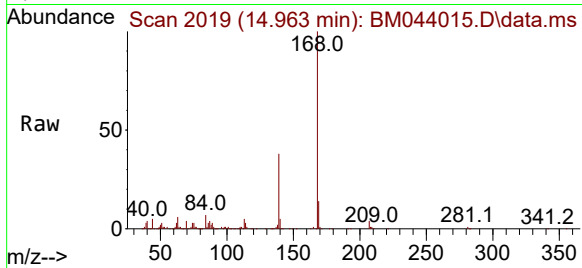




#55
Dibenzenofuran
Concen: 6.254 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

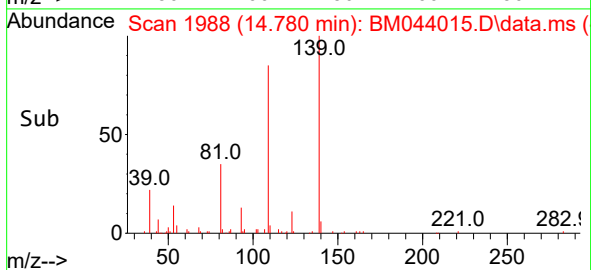
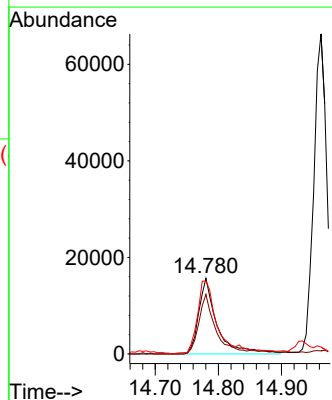
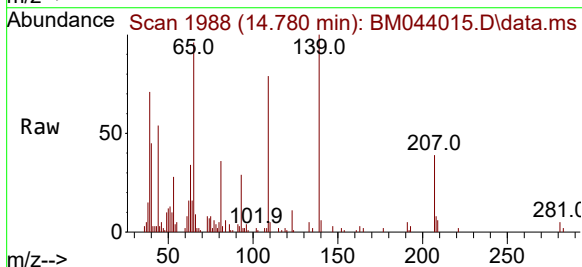
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

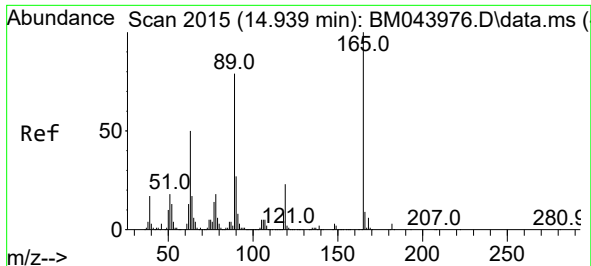
Tgt Ion:168 Resp: 245744
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 4.365 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:139 Resp: 31412
Ion Ratio Lower Upper
139 100
109 78.7 53.2 93.2
65 96.3 80.7 120.7





#57

2,4-Dinitrotoluene

Concen: 3.980 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM044015.D

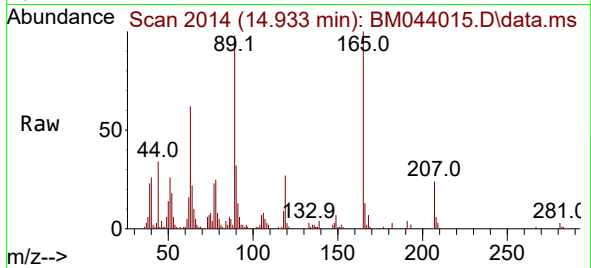
Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion:165 Resp: 39296

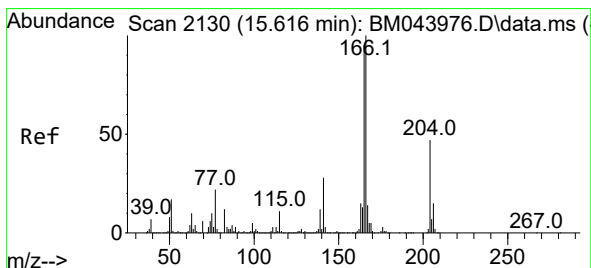
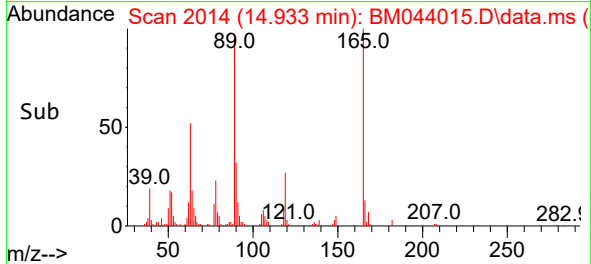
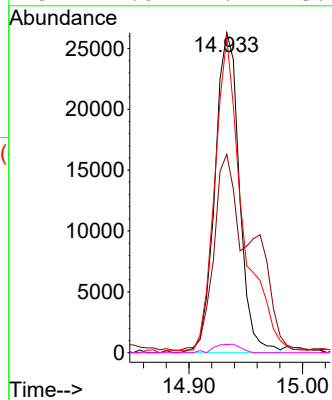
Ion Ratio Lower Upper

165 100

63 62.0 40.2 60.4#

89 98.5 63.3 94.9#

182 2.6 2.1 3.1



#58

Fluorene

Concen: 5.945 ng

RT: 15.610 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

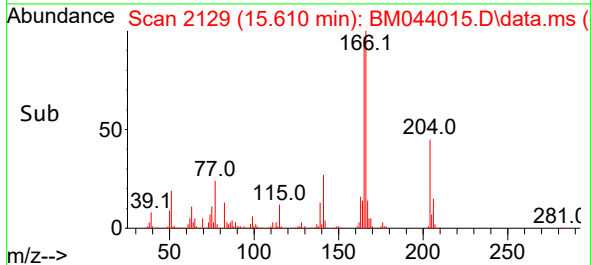
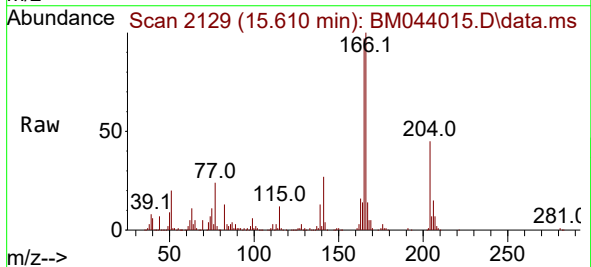
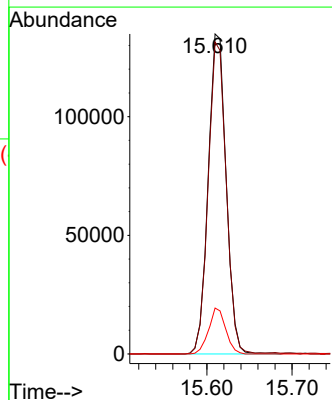
Tgt Ion:166 Resp: 197249

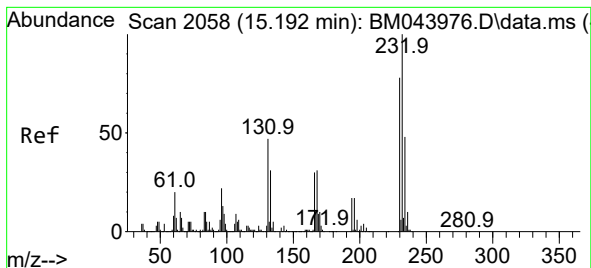
Ion Ratio Lower Upper

166 100

165 97.5 76.3 114.5

167 14.3 10.9 16.3

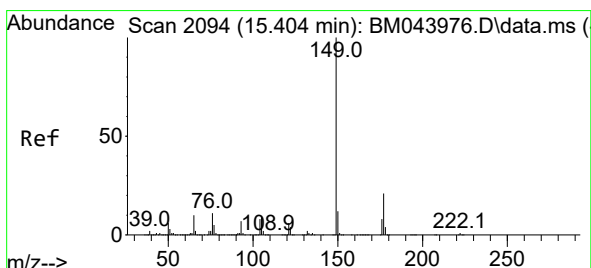
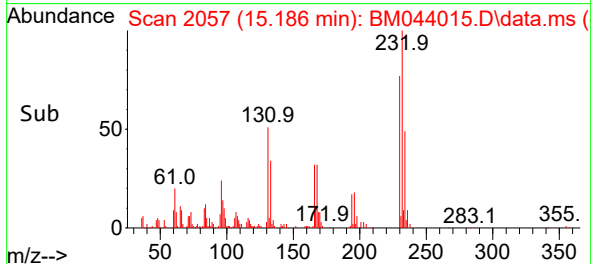
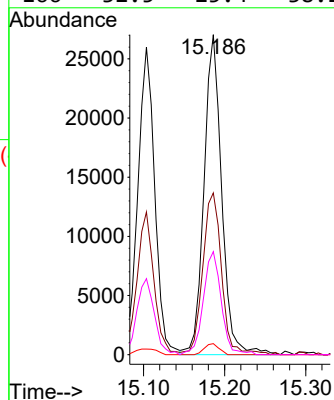
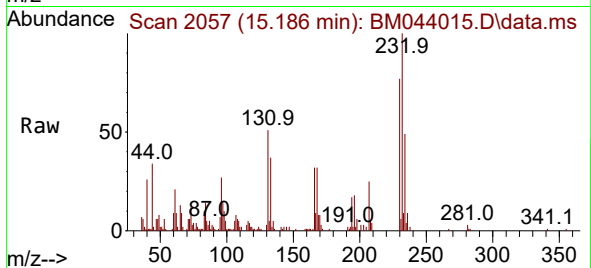




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.232 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

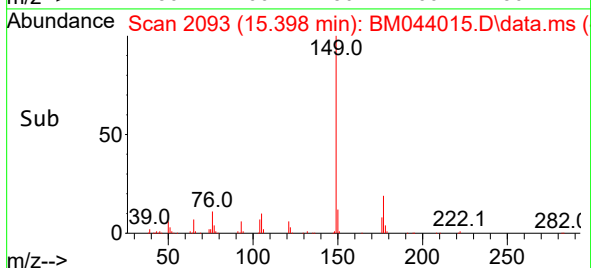
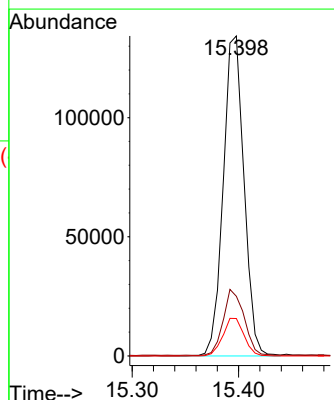
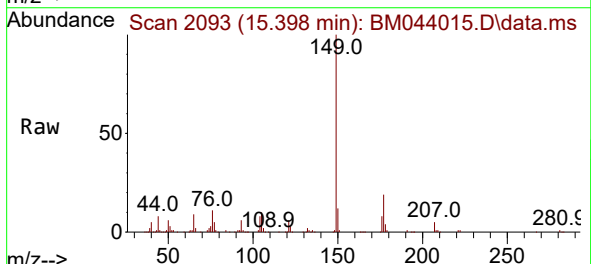
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

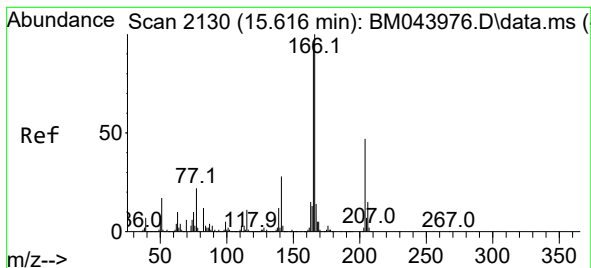
Tgt Ion:232	Resp:	40981
Ion Ratio	Lower	Upper
232	100	
131	53.7	39.8 59.6
130	2.9	2.0 3.0
166	32.5	25.4 38.2



#60
Diethylphthalate
Concen: 5.438 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:149	Resp:	181650
Ion Ratio	Lower	Upper
149	100	
177	18.6	17.1 25.7
150	11.7	9.8 14.6

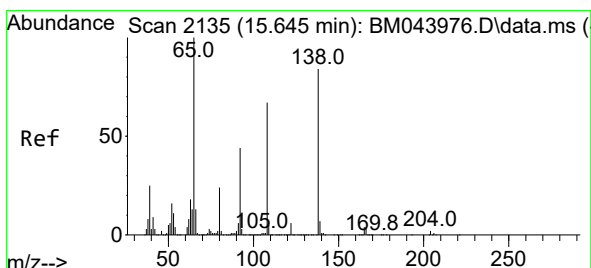
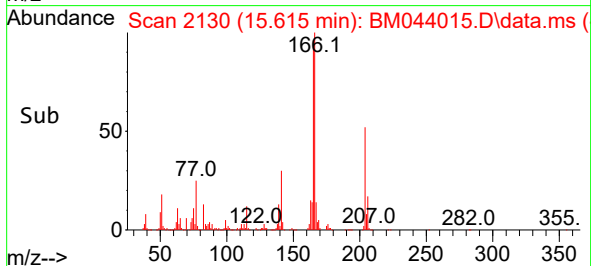
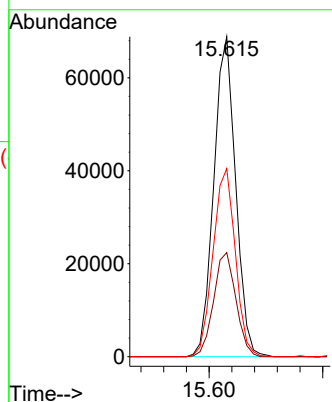
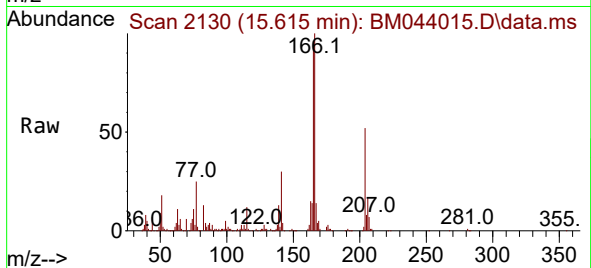




#61
4-Chlorophenyl-phenylether
Concen: 5.931 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

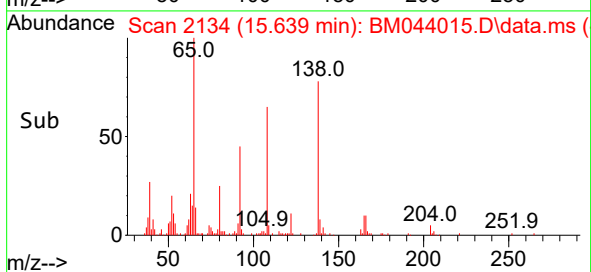
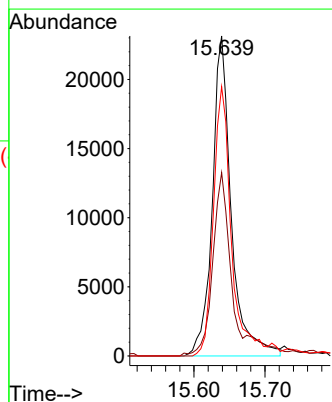
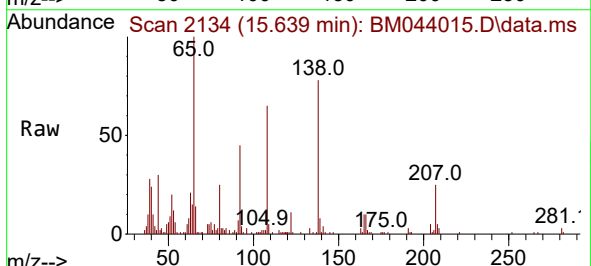
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

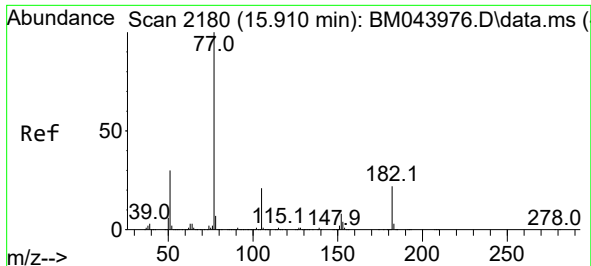
Tgt Ion:204 Resp: 91822
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 58.8 48.6 72.8



#62
4-Nitroaniline
Concen: 4.767 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:138 Resp: 42924
Ion Ratio Lower Upper
138 100
92 57.3 32.7 72.7
108 84.2 60.0 100.0

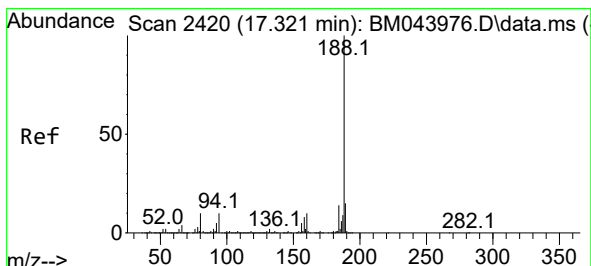
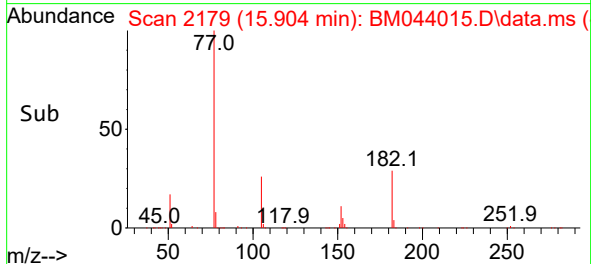
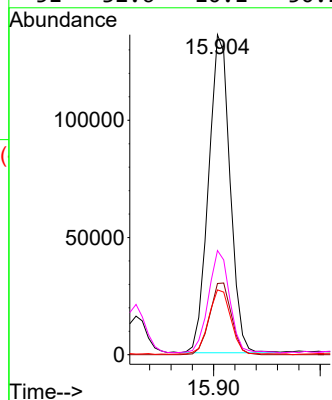
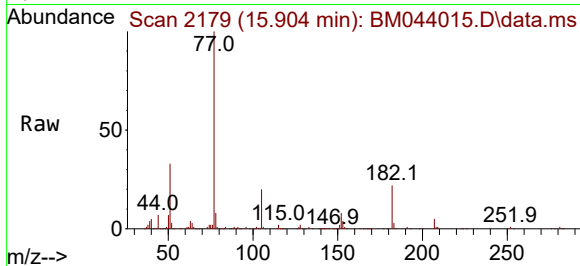




#63
Azobenzene
Concen: 5.689 ng
RT: 15.904 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

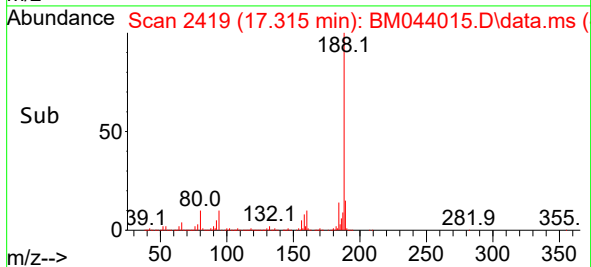
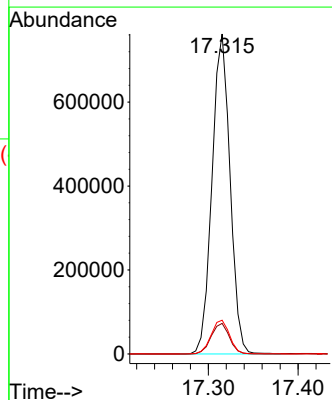
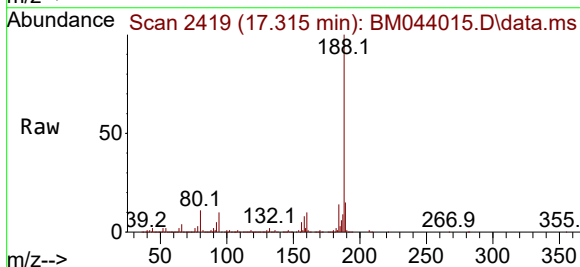
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

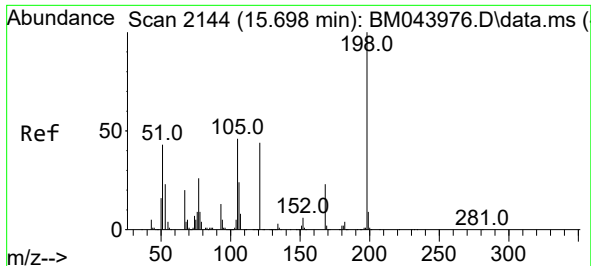
Tgt Ion: 77 Resp: 189816
Ion Ratio Lower Upper
77 100
182 22.2 2.0 42.0
105 20.2 0.5 40.5
51 32.6 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:188 Resp: 1062859
Ion Ratio Lower Upper
188 100
94 9.6 7.7 11.5
80 10.5 8.2 12.4

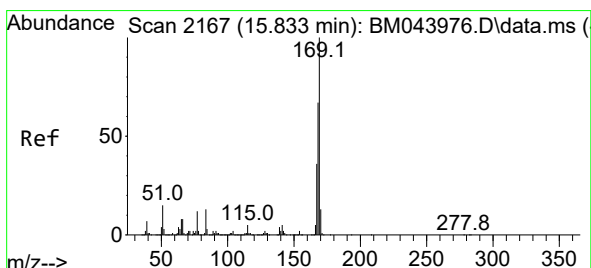
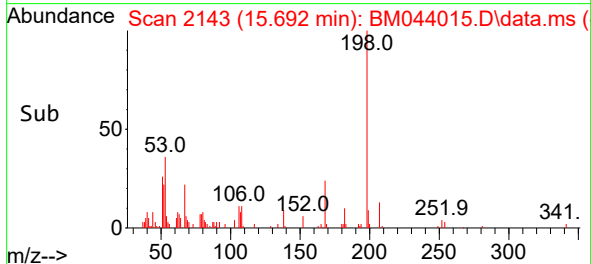
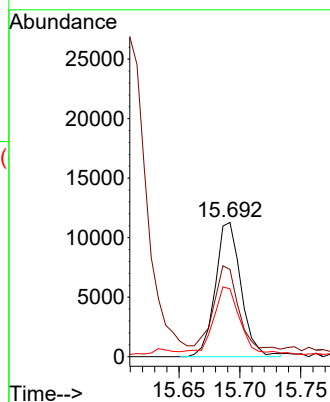
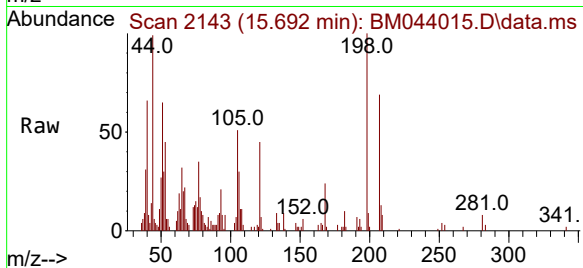




#65
4,6-Dinitro-2-methylphenol
Concen: 8.394 ng
RT: 15.692 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

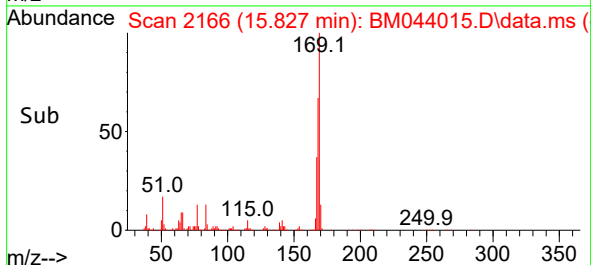
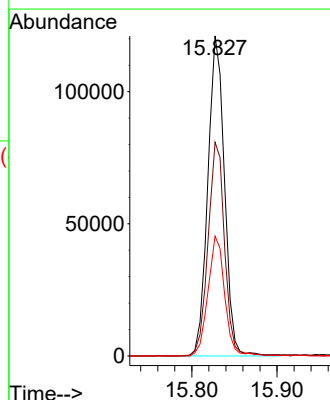
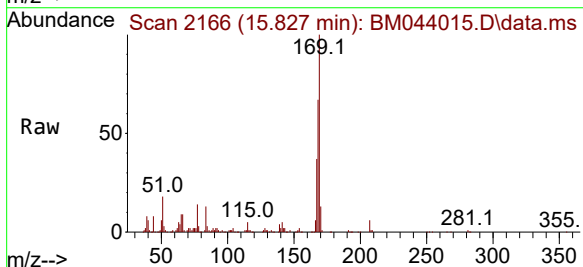
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

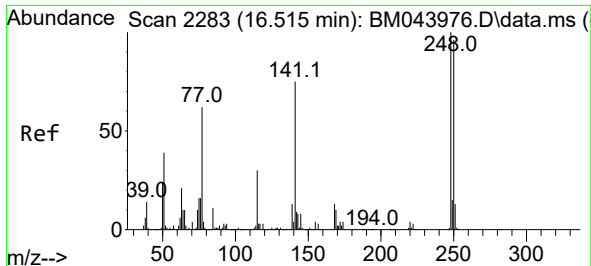
Tgt Ion:198 Resp: 16545
Ion Ratio Lower Upper
198 100
51 64.9 31.9 71.9
105 50.6 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 5.189 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:169 Resp: 164274
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 37.4 29.0 43.4

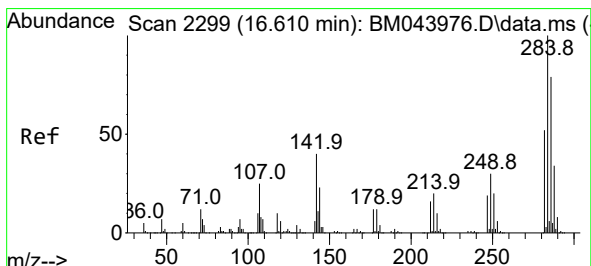
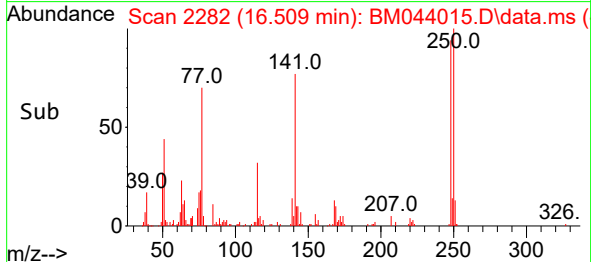
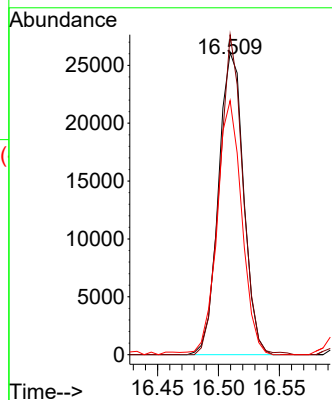
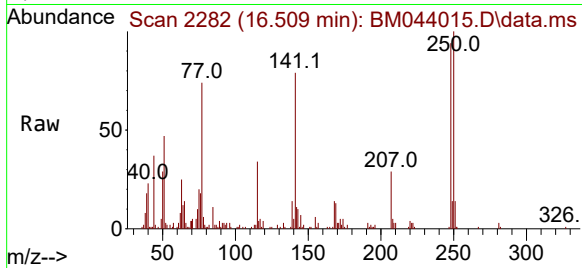




#67
4-Bromophenyl-phenylether
Concen: 3.571 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

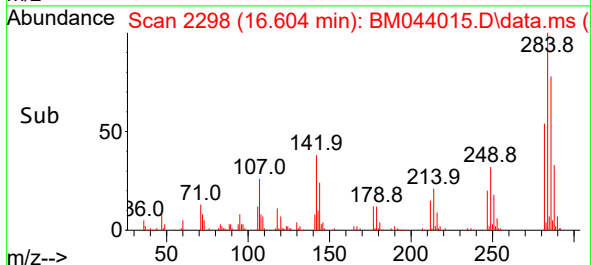
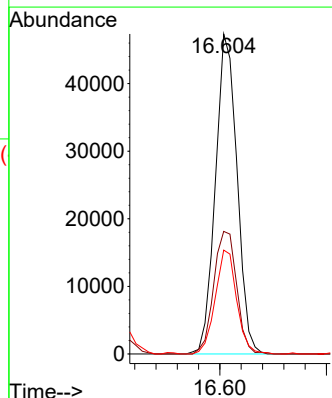
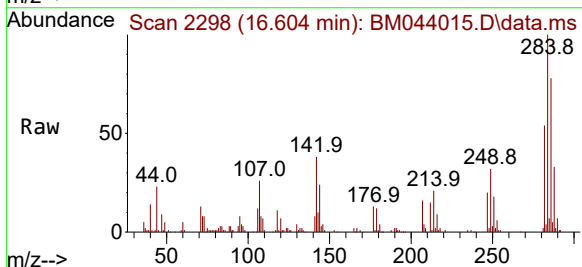
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

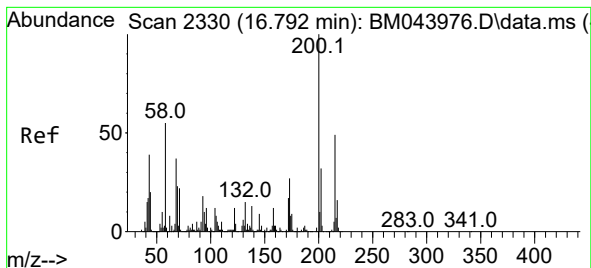
Tgt Ion:248 Resp: 37390
Ion Ratio Lower Upper
248 100
250 105.9 77.0 115.4
141 84.1 59.9 89.9



#68
Hexachlorobenzene
Concen: 5.338 ng
RT: 16.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:284 Resp: 66634
Ion Ratio Lower Upper
284 100
142 38.3 32.2 48.4
249 32.4 24.4 36.6





#69

Atrazine

Concen: 5.967 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

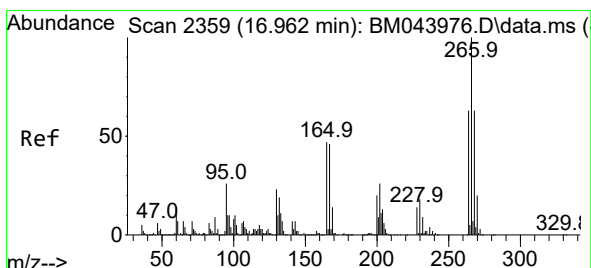
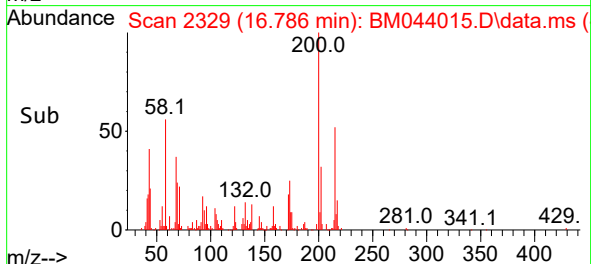
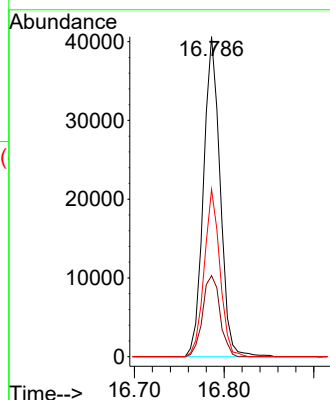
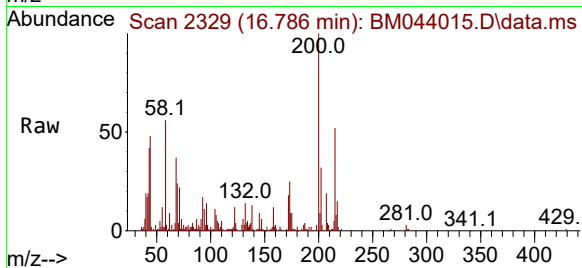
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:	200	Resp:	52267
Ion Ratio	Lower	Upper	
200	100		
173	25.3	7.3	47.3
215	52.3	28.7	68.7



#70

Pentachlorophenol

Concen: 3.462 ng

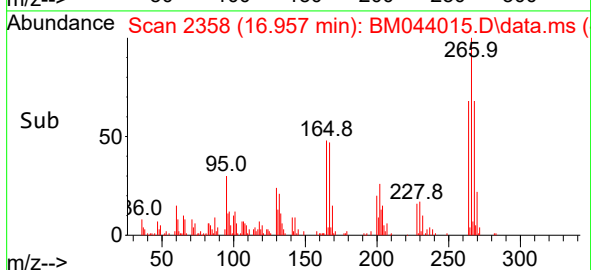
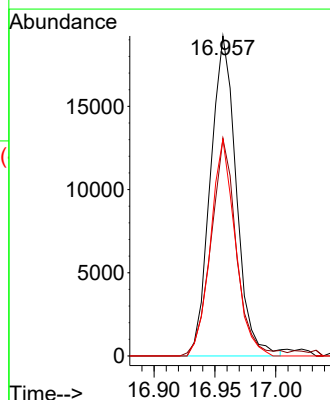
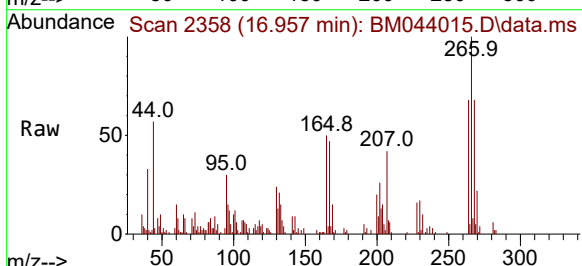
RT: 16.957 min Scan# 2358

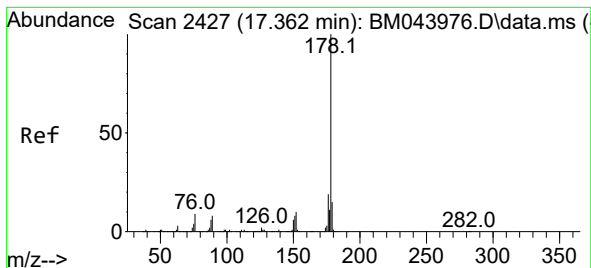
Delta R.T. -0.005 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Tgt Ion:	266	Resp:	28377
Ion Ratio	Lower	Upper	
266	100		
268	67.9	50.6	76.0
264	67.8	50.6	76.0





#71

Phenanthrene

Concen: 6.071 ng

RT: 17.357 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

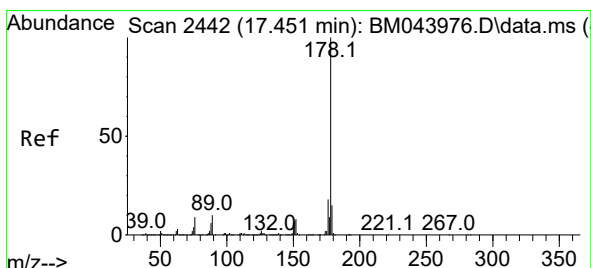
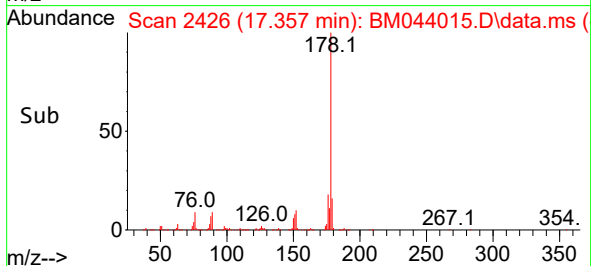
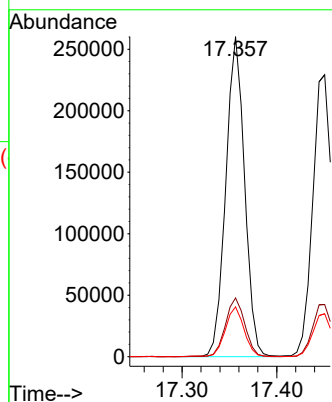
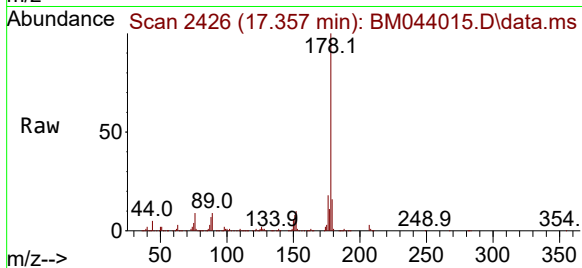
Tgt Ion:178 Resp: 359377

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 5.793 ng

RT: 17.451 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

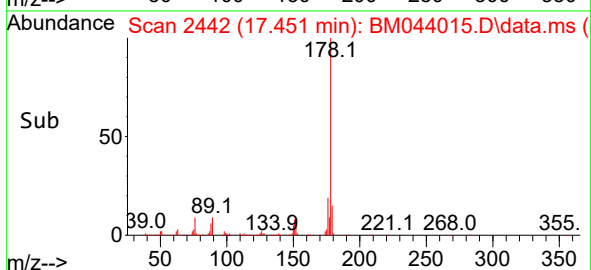
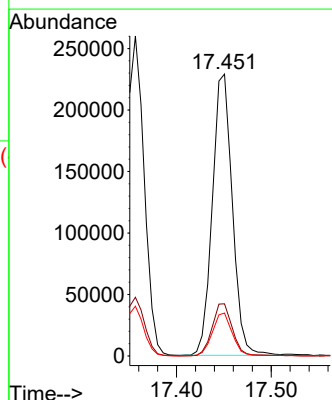
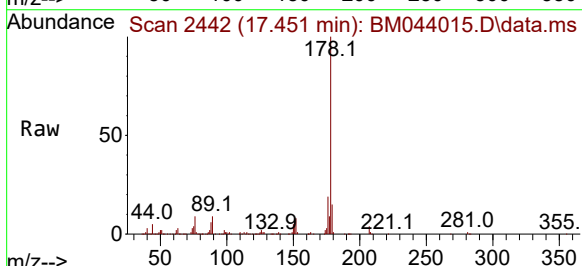
Tgt Ion:178 Resp: 335732

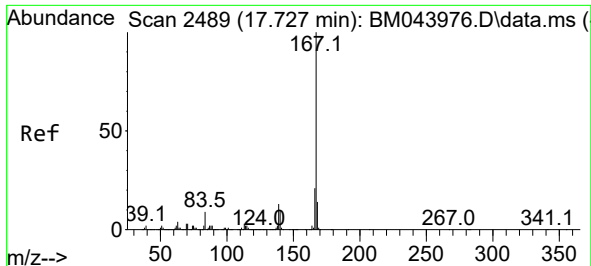
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 15.2 12.2 18.4

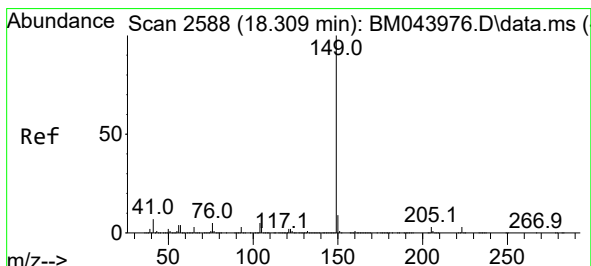
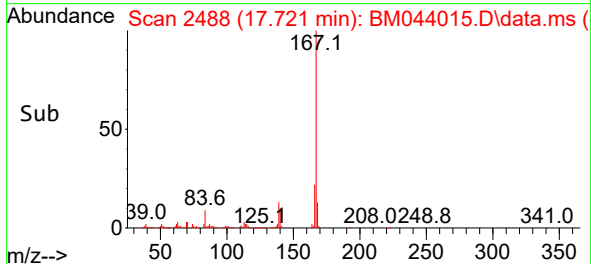
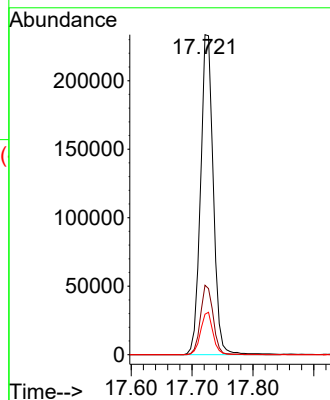
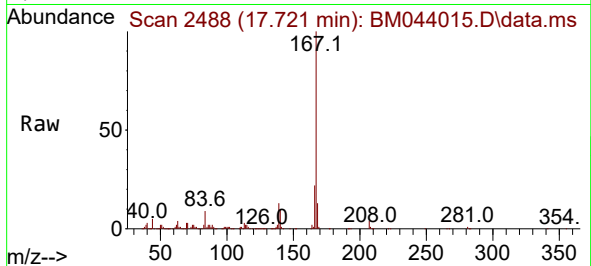




#73
 Carbazole
 Concen: 5.660 ng
 RT: 17.721 min Scan# 2489
 Delta R.T. -0.006 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

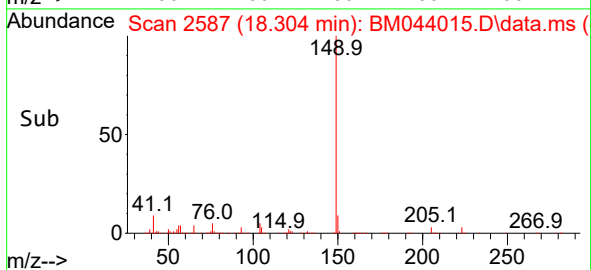
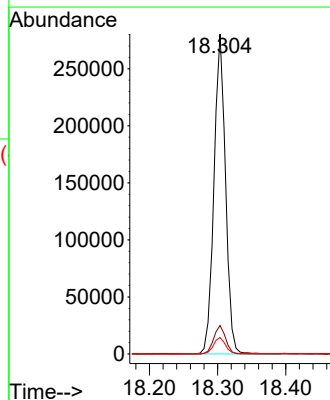
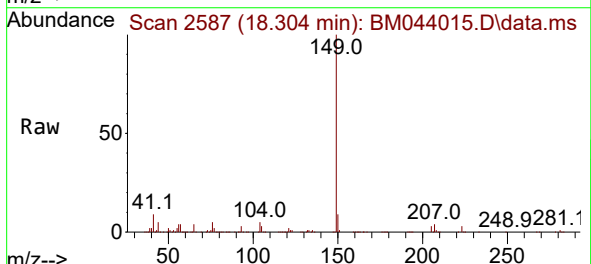
Instrument : BNA_M
 ClientSampleId : LOD-MDL-WATER-01-QT1-2024

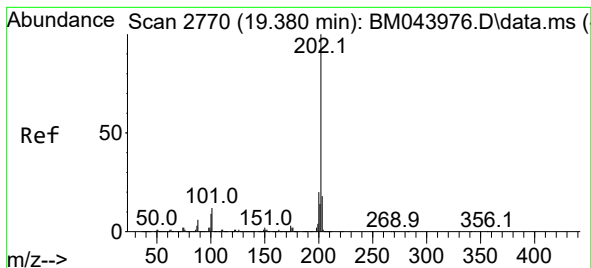
Tgt Ion:167 Resp: 339739
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 5.024 ng
 RT: 18.304 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

Tgt Ion:149 Resp: 330689
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.2 4.1 6.1

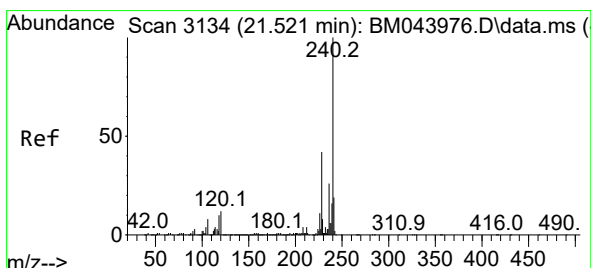
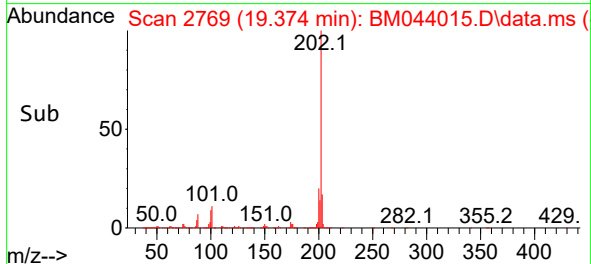
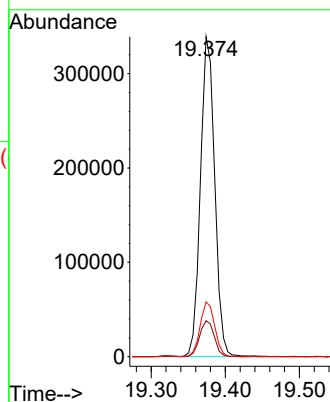
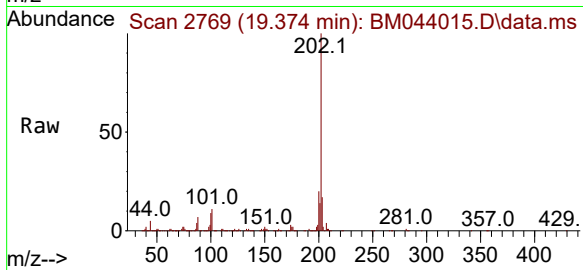




#75
Fluoranthene
Concen: 6.182 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

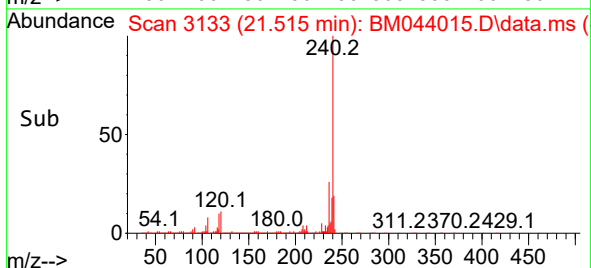
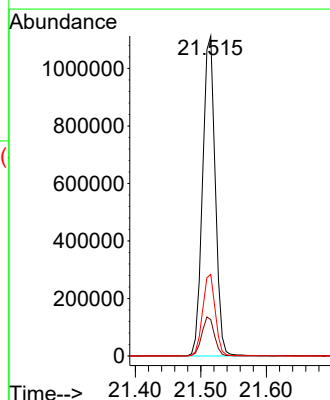
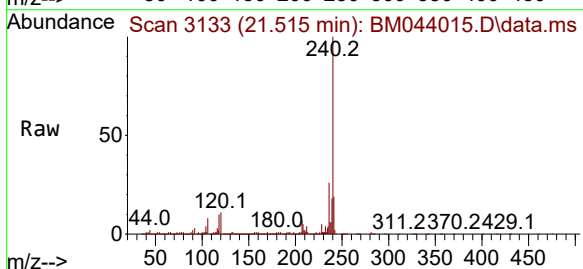
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

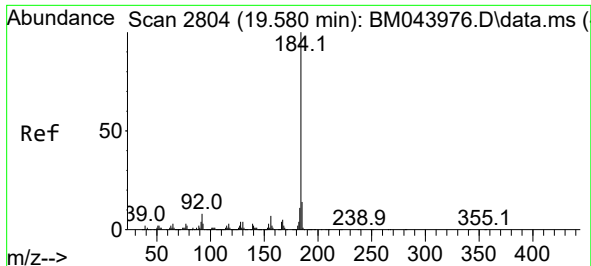
Tgt Ion:202 Resp: 452587
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:240 Resp: 1495168
Ion Ratio Lower Upper
240 100
120 11.3 9.3 13.9
236 25.5 20.5 30.7

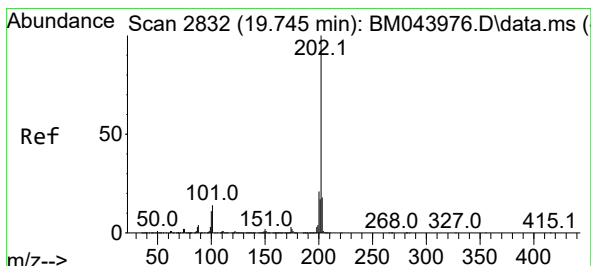
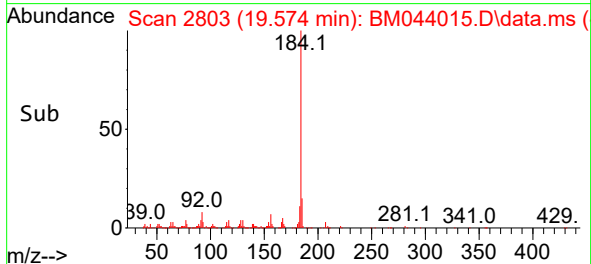
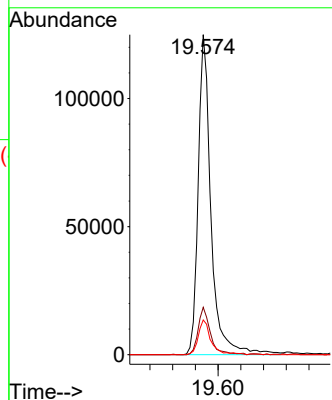
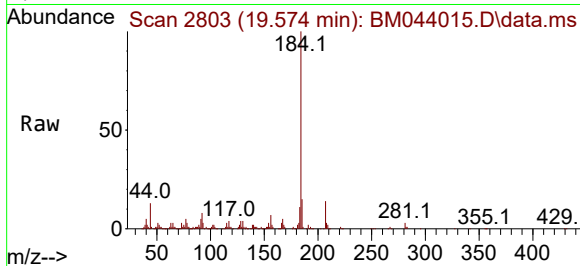




#77
Benzidine
Concen: 10.354 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

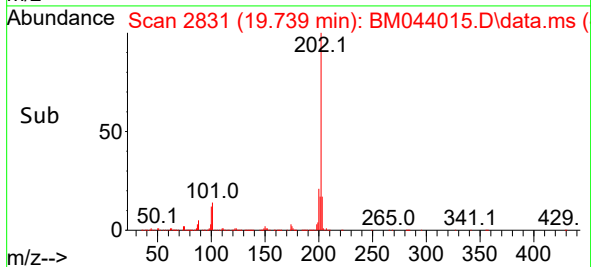
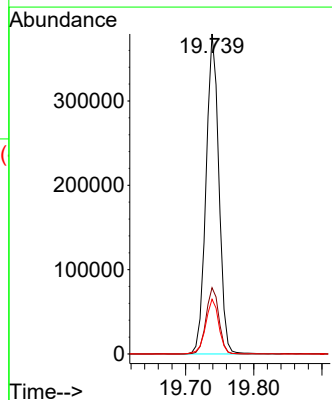
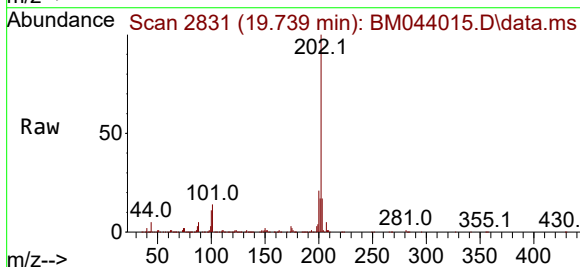
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

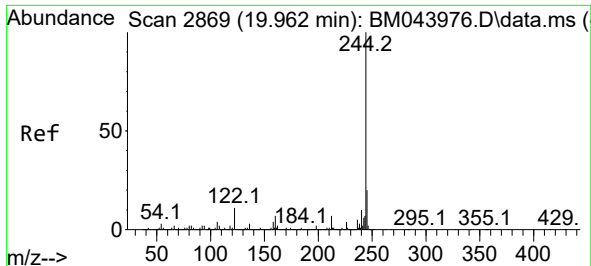
Tgt Ion:184 Resp: 196423
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 10.9 8.9 13.3



#78
Pyrene
Concen: 4.839 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:202 Resp: 497287
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 17.1 14.2 21.4

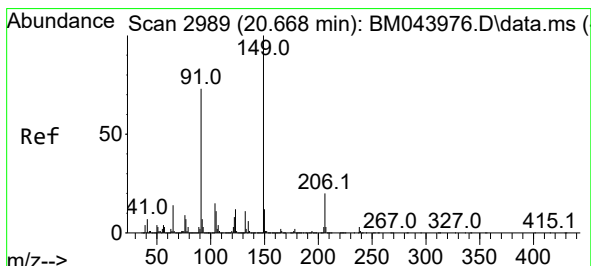
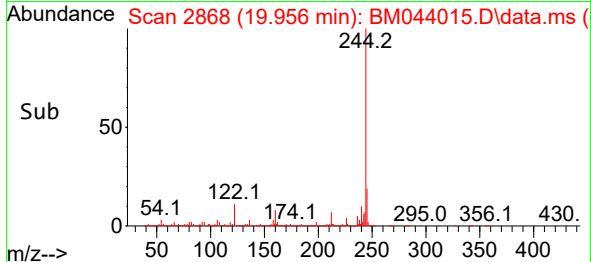
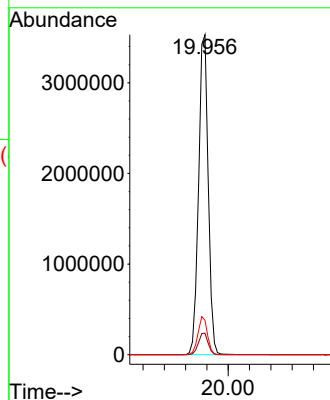
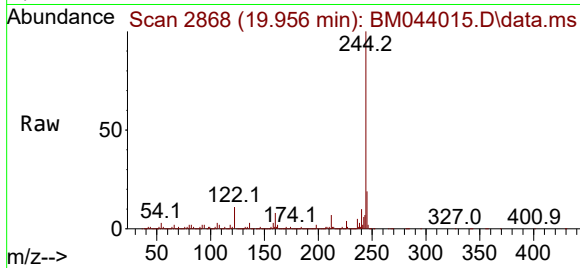




#79
 Terphenyl-d14
 Concen: 57.259 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

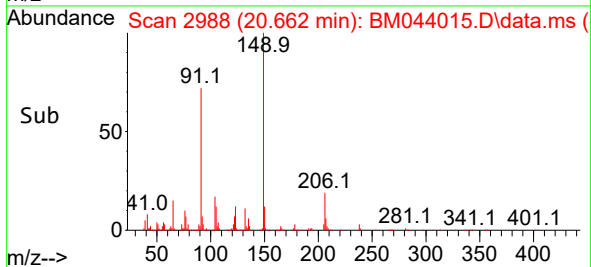
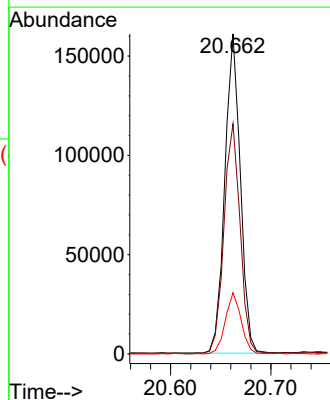
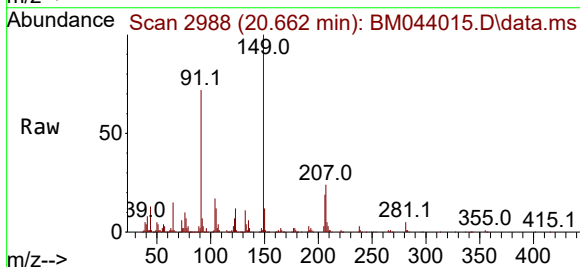
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

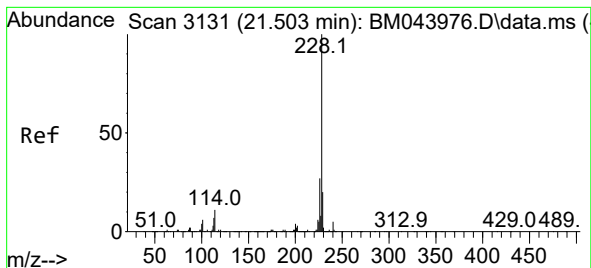
Tgt Ion:244 Resp: 4434869
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.7 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 4.251 ng
 RT: 20.662 min Scan# 2988
 Delta R.T. -0.006 min
 Lab File: BM044015.D
 Acq: 07 Feb 2024 06:21

Tgt Ion:149 Resp: 173007
 Ion Ratio Lower Upper
 149 100
 91 72.0 58.4 87.6
 206 19.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.959 ng

RT: 21.497 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

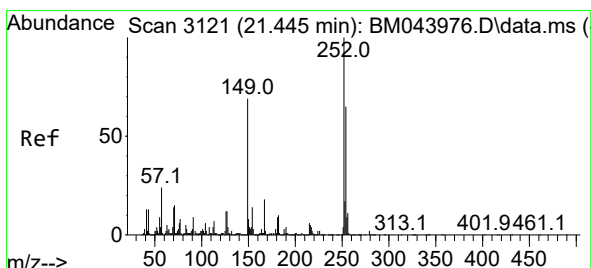
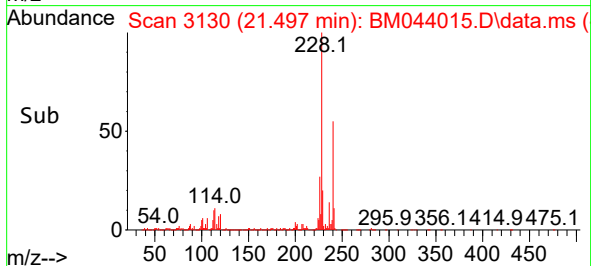
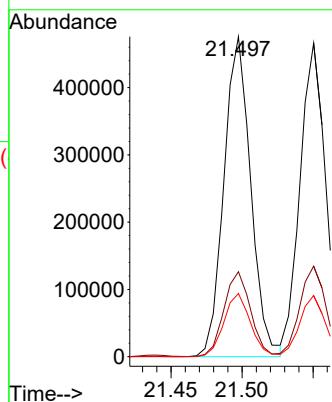
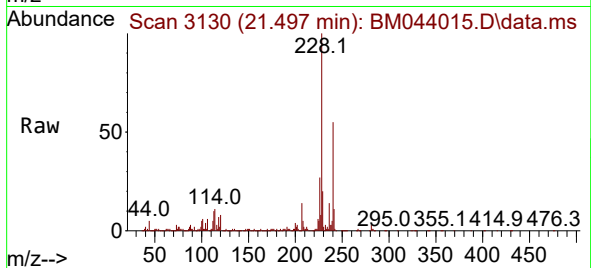
Tgt Ion:228 Resp: 625108

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 5.617 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

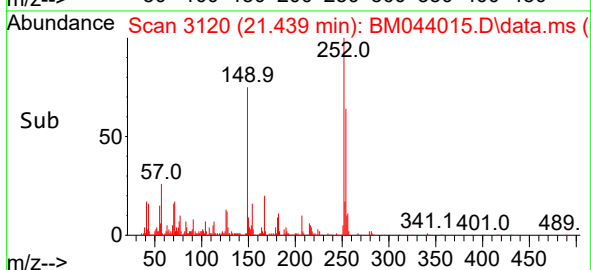
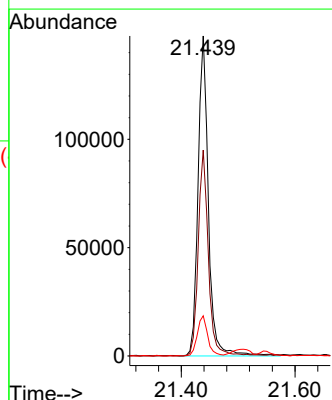
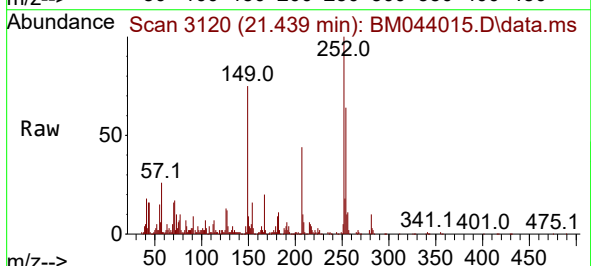
Tgt Ion:252 Resp: 188381

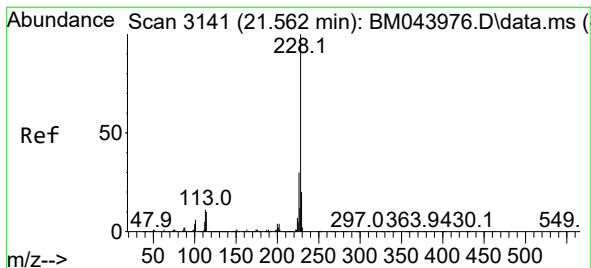
Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

126 12.5 9.4 14.2





#83

Chrysene

Concen: 5.853 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

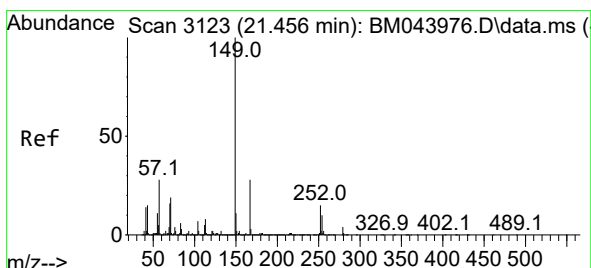
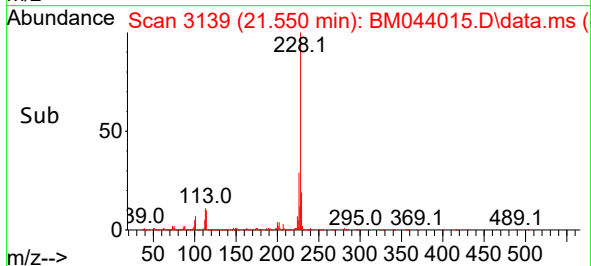
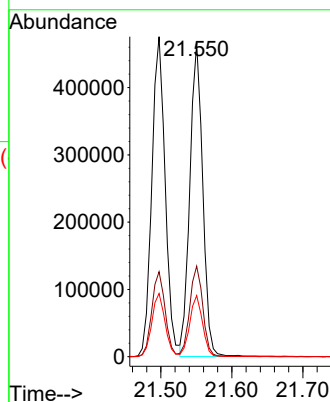
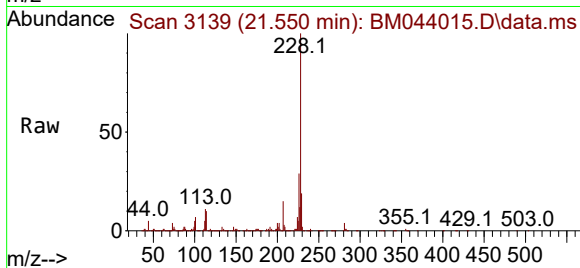
Tgt Ion:228 Resp: 588149

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.4

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.793 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

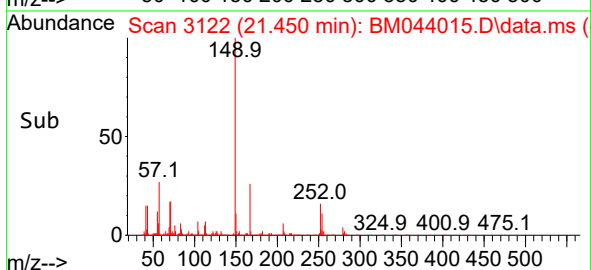
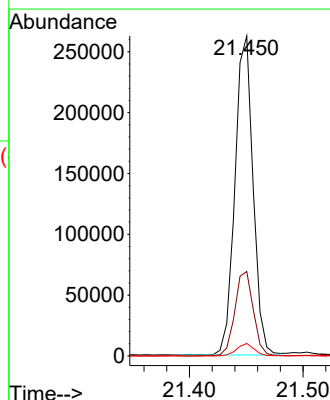
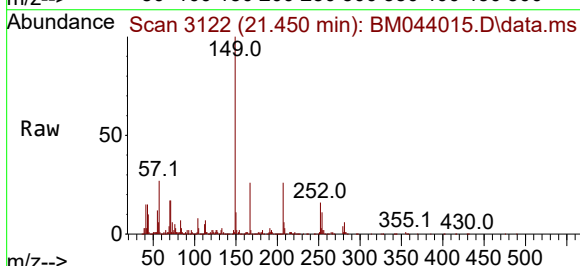
Tgt Ion:149 Resp: 290082

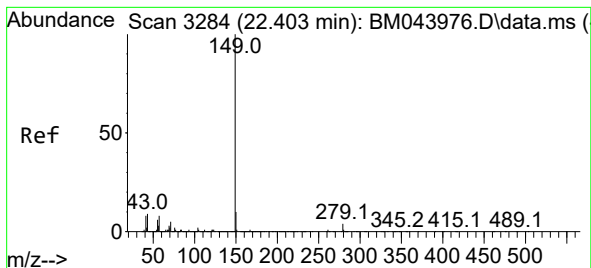
Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 4.807 ng

RT: 22.391 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

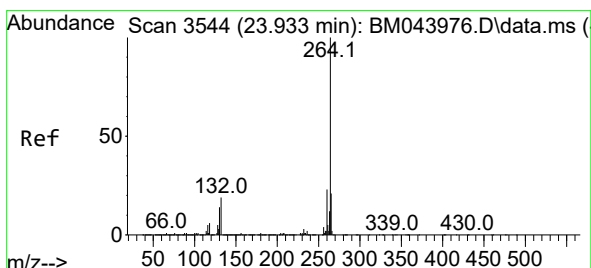
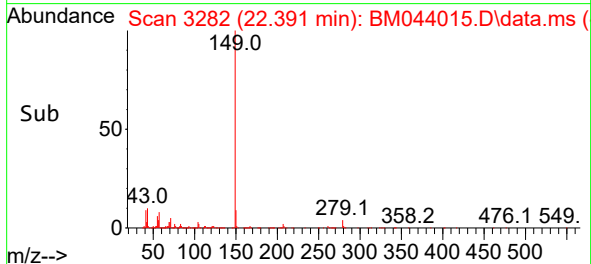
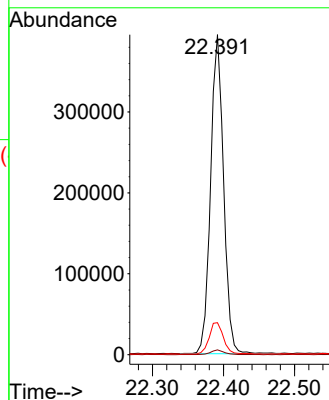
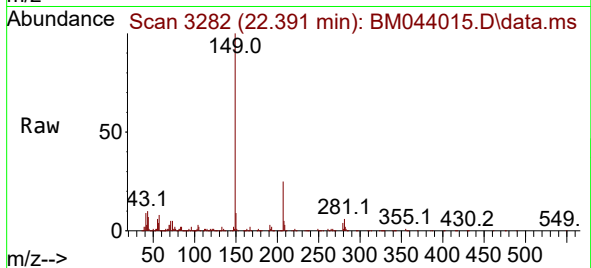
Tgt Ion:149 Resp: 501138

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 10.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3542

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

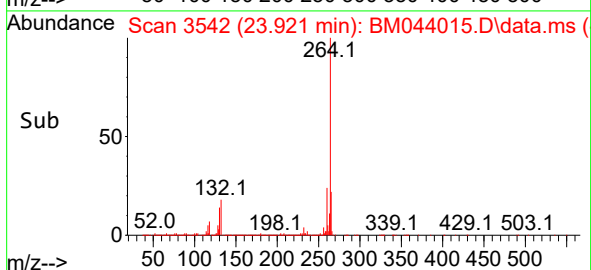
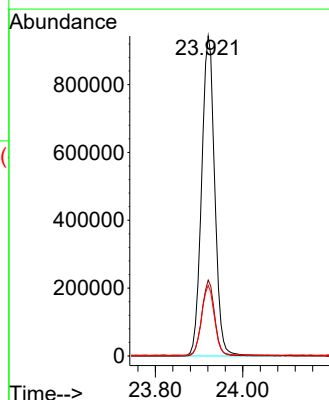
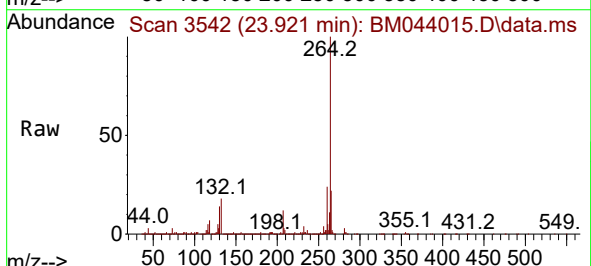
Tgt Ion:264 Resp: 1969246

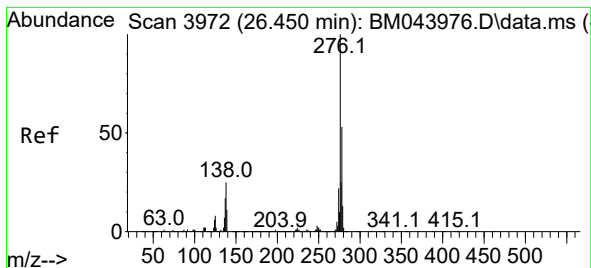
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.922 ng

RT: 26.421 min Scan# 3967

Delta R.T. -0.029 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

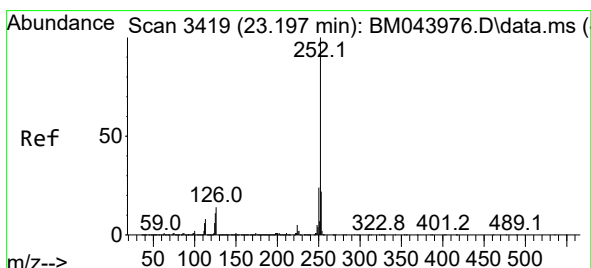
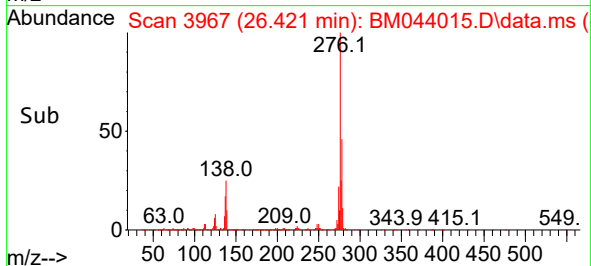
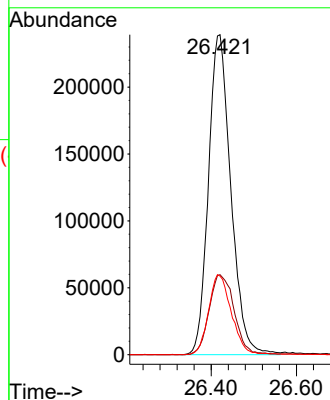
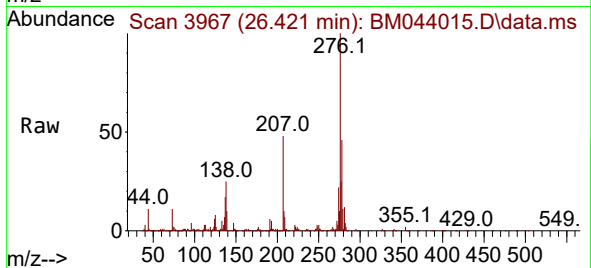
Tgt Ion:276 Resp: 872561

Ion Ratio Lower Upper

276 100

138 28.0 21.8 32.6

277 25.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 5.624 ng

RT: 23.186 min Scan# 3417

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

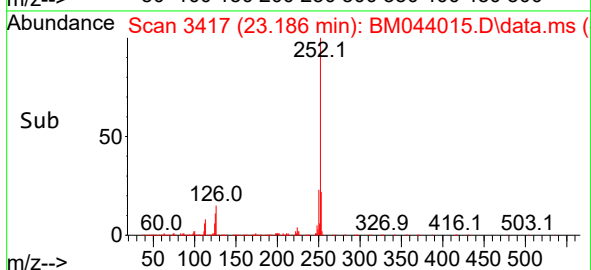
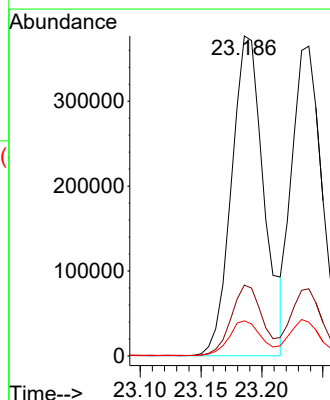
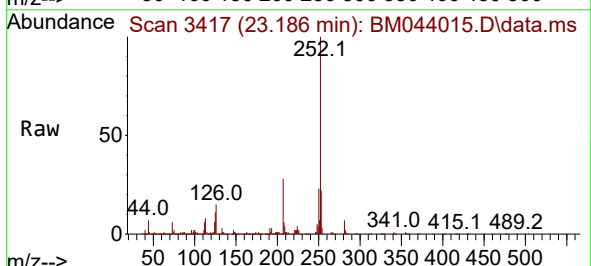
Tgt Ion:252 Resp: 696663

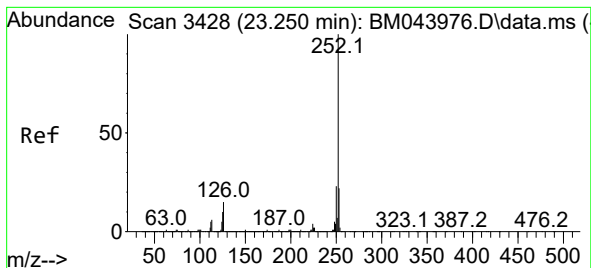
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.9 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 5.310 ng

RT: 23.238 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

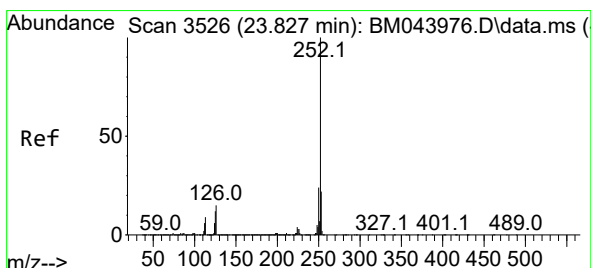
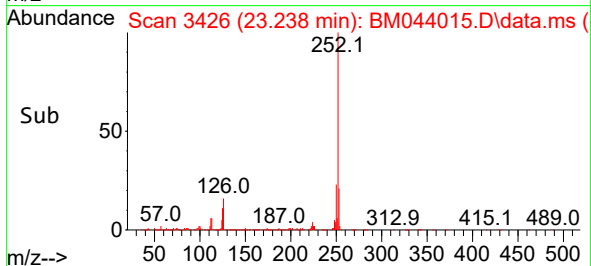
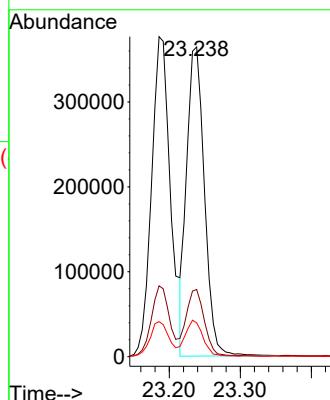
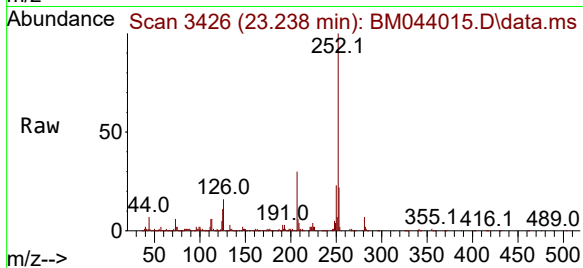
Tgt Ion:252 Resp: 631085

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.373 ng

RT: 23.815 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BM044015.D

Acq: 07 Feb 2024 06:21

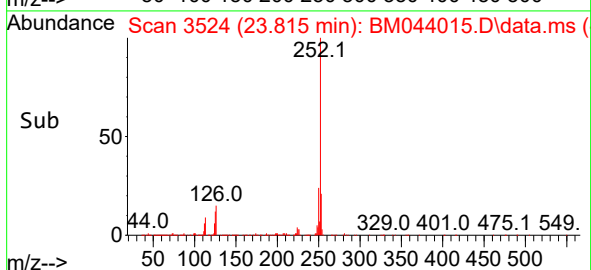
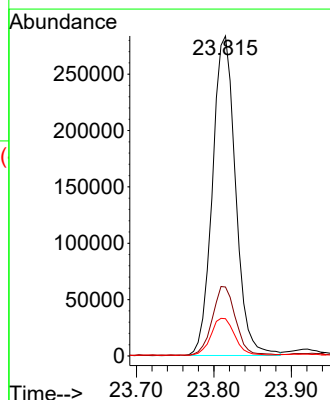
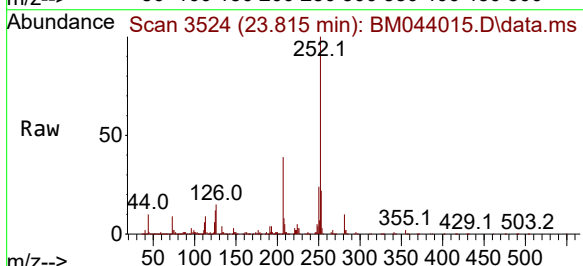
Tgt Ion:252 Resp: 588320

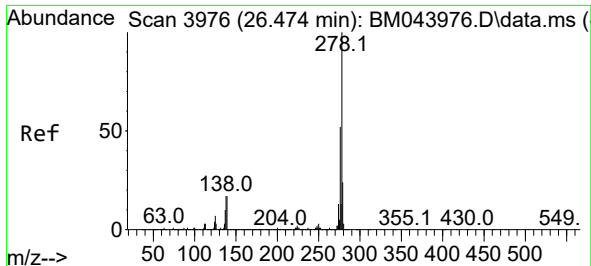
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 11.6 9.4 14.2

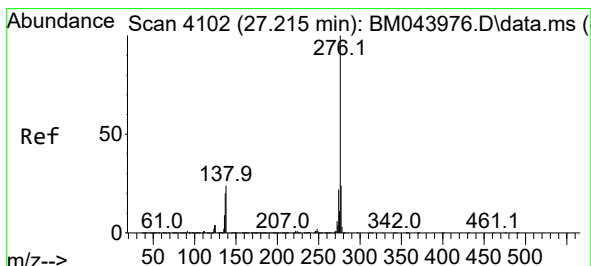
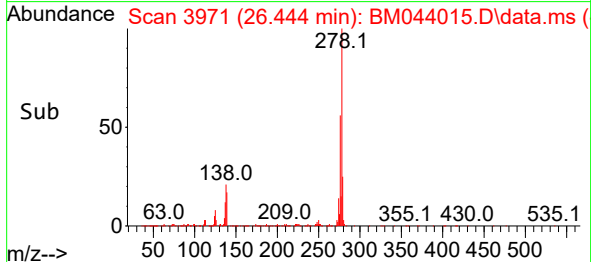
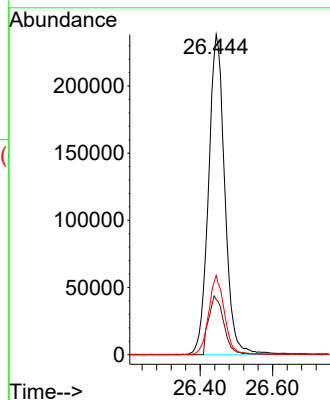
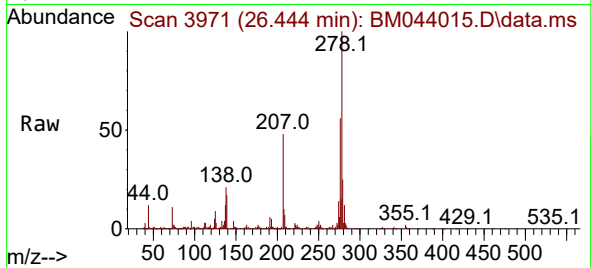




#91
Dibenzo(a,h)anthracene
Concen: 6.120 ng
RT: 26.444 min Scan# 3976
Delta R.T. -0.029 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

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

Tgt Ion:278 Resp: 743752
Ion Ratio Lower Upper
278 100
139 17.2 13.7 20.5
279 24.8 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 5.828 ng
RT: 27.179 min Scan# 4096
Delta R.T. -0.035 min
Lab File: BM044015.D
Acq: 07 Feb 2024 06:21

Tgt Ion:276 Resp: 722396
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 23.6 18.8 28.2

