

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
 Data File : BM049600.D
 Acq On : 07 Feb 2025 13:34
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Feb 07 14:10:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	143743	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	535028	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	321530	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	595293	20.000	ng	0.00
76) Chrysene-d12	21.439	240	474216	20.000	ng	0.00
86) Perylene-d12	24.462	264	386991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	985123	110.208	ng	0.00
7) Phenol-d6	6.975	99	1300794	111.076	ng	0.00
23) Nitrobenzene-d5	8.975	82	1051422	101.083	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	342823	89.983	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2495166	100.531	ng	0.00
79) Terphenyl-d14	19.827	244	3784585	121.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	16559	4.406	ng	92
3) Pyridine	3.704	79	41252	3.950	ng	# 87
4) n-Nitrosodimethylamine	3.604	42	20653	4.227	ng	# 89
6) Aniline	7.145	93	51897	4.676	ng	98
8) 2-Chlorophenol	7.387	128	36729	4.115	ng	94
9) Benzaldehyde	6.957	77	44658	7.202	ng	97
10) Phenol	7.004	94	48728	4.224	ng	88
11) bis(2-Chloroethyl)ether	7.245	93	40783	4.370	ng	97
12) 1,3-Dichlorobenzene	7.710	146	45431	4.385	ng	99
13) 1,4-Dichlorobenzene	7.857	146	47156	4.500	ng	98
14) 1,2-Dichlorobenzene	8.175	146	45423	4.489	ng	99
15) Benzyl Alcohol	8.057	79	27130	3.330	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.345	45	59921	4.770	ng	97
17) 2-Methylphenol	8.257	107	26363	3.738	ng	97
18) Hexachloroethane	8.910	117	16720	4.368	ng	89
19) n-Nitroso-di-n-propyla...	8.628	70	28605	3.730	ng	99
20) 3+4-Methylphenols	8.586	107	33397	3.587	ng	93
22) Acetophenone	8.639	105	61455	4.265	ng	# 95
24) Nitrobenzene	9.016	77	51014	5.048	ng	95
25) Isophorone	9.545	82	71980	3.837	ng	99
26) 2-Nitrophenol	9.733	139	6369	4.161	ng	95
27) 2,4-Dimethylphenol	9.792	122	26465	4.462	ng	93
28) bis(2-Chloroethoxy)met...	10.028	93	48325	4.000	ng	# 90
29) 2,4-Dichlorophenol	10.263	162	22390	2.741	ng	93
30) 1,2,4-Trichlorobenzene	10.480	180	39743	3.971	ng	97
31) Naphthalene	10.669	128	114312	4.051	ng	99
32) Benzoic acid	9.792	122	26465	13.526	ng	# 15
33) 4-Chloroaniline	10.769	127	40092	3.796	ng	98
34) Hexachlorobutadiene	10.969	225	25604	4.272	ng	96
35) Caprolactam	11.504	113	5607	2.250	ng	# 83
36) 4-Chloro-3-methylphenol	11.892	107	20637	2.533	ng	95
37) 2-Methylnaphthalene	12.280	142	74331	3.741	ng	98
38) 1-Methylnaphthalene	12.498	142	69702	3.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	43510	4.116	ng	98
41) Hexachlorocyclopentadiene	12.639	237	9804	3.633	ng	90
43) 2,4,6-Trichlorophenol	12.886	196	12536	2.173	ng	100

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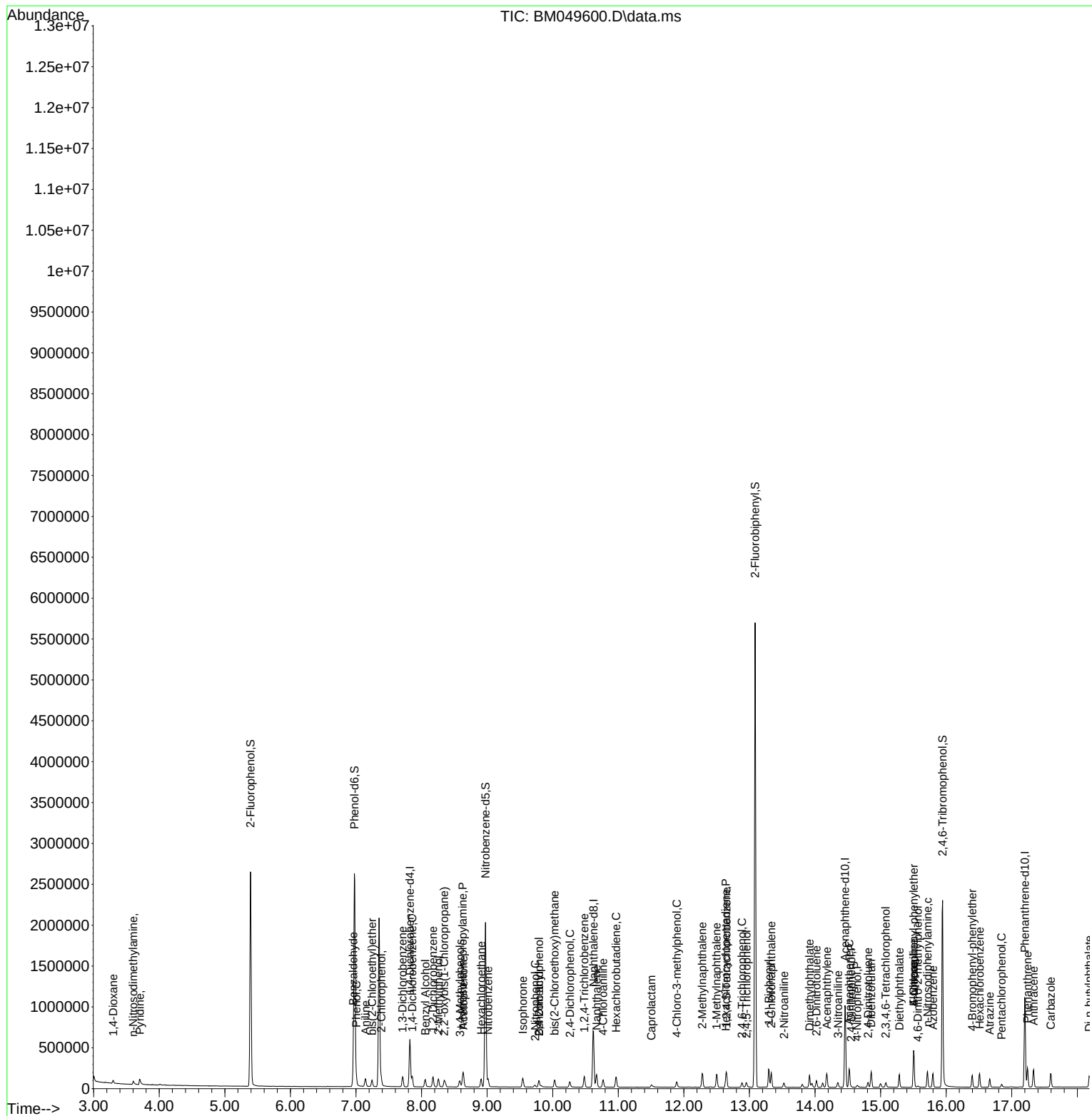
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	14336	2.261	ng	96
46) 1,1'-Biphenyl	13.298	154	105751	4.311	ng	99
47) 2-Chloronaphthalene	13.333	162	79114	4.169	ng	98
48) 2-Nitroaniline	13.527	65	11848	6.291	ng	90
49) Acenaphthylene	14.180	152	110740	3.957	ng	98
50) Dimethylphthalate	13.916	163	84158	3.645	ng	98
51) 2,6-Dinitrotoluene	14.021	165	12008	3.005	ng	# 87
52) Acenaphthene	14.521	154	70248	3.782	ng	97
53) 3-Nitroaniline	14.351	138	11417	2.807	ng	# 89
54) 2,4-Dinitrophenol	14.551	184	1383	4.287	ng	# 46
55) Dibenzofuran	14.857	168	115213	3.896	ng	98
56) 4-Nitrophenol	14.645	139	4447	1.297	ng	93
57) 2,4-Dinitrotoluene	14.810	165	12390	5.114	ng	# 97
58) Fluorene	15.504	166	85779	3.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	12646	2.361	ng	# 97
60) Diethylphthalate	15.286	149	75077	3.235	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	45898	3.408	ng	98
62) 4-Nitroaniline	15.504	138	10563	6.041	ng	90
63) Azobenzene	15.798	77	92904	3.836	ng	97
65) 4,6-Dinitro-2-methylph...	15.568	198	2401	5.895	ng	81
66) n-Nitrosodiphenylamine	15.715	169	66235	3.528	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	25277	3.655	ng	96
68) Hexachlorobenzene	16.509	284	30275	3.814	ng	91
69) Atrazine	16.662	200	16978	3.042	ng	99
70) Pentachlorophenol	16.845	266	6730	8.848	ng	98
71) Phenanthrene	17.239	178	132182	3.898	ng	99
72) Anthracene	17.333	178	124084	3.695	ng	99
73) Carbazole	17.598	167	104073	3.531	ng	99
74) Di-n-butylphthalate	18.180	149	88199	2.358	ng	# 97
75) Fluoranthene	19.256	202	127325	3.207	ng	98
77) Benzidine	19.433	184	12886	3.068	ng	96
78) Pyrene	19.615	202	134977	3.801	ng	98
80) Butylbenzylphthalate	20.527	149	14588	1.320	ng	89
81) Benzo(a)anthracene	21.421	228	119904	3.731	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	16702	1.931	ng	98
83) Chrysene	21.480	228	114527	3.804	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	26563	1.402	ng	# 95
85) Di-n-octyl phthalate	22.521	149	31963	1.070	ng	# 85
87) Indeno(1,2,3-cd)pyrene	27.891	276	69192	3.274	ng	# 86
88) Benzo(b)fluoranthene	23.574	252	91346	3.431	ng	96
89) Benzo(k)fluoranthene	23.574	252	91346	3.533	ng	96
90) Benzo(a)pyrene	24.321	252	68987	3.270	ng	98
91) Dibenzo(a,h)anthracene	27.956	278	53991	3.232	ng	96
92) Benzo(g,h,i)perylene	28.938	276	60084	3.220	ng	95

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

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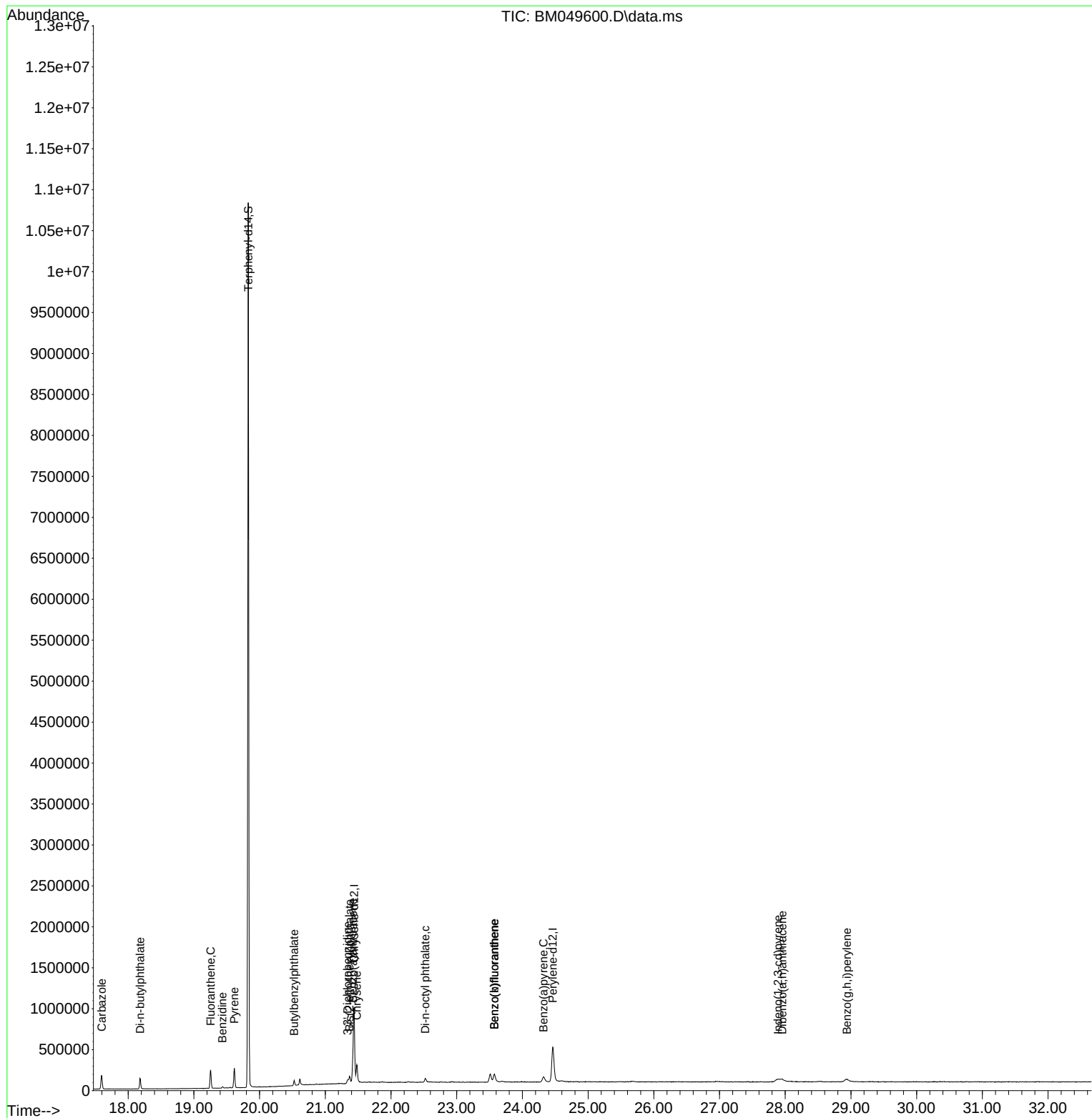
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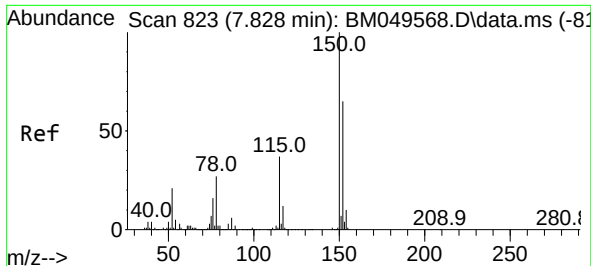


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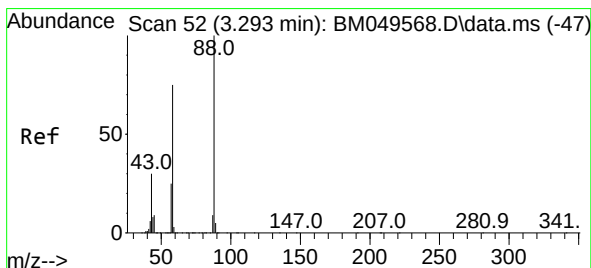
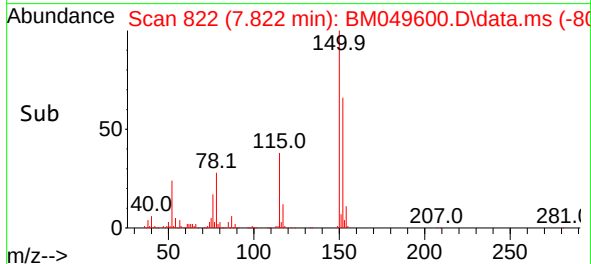
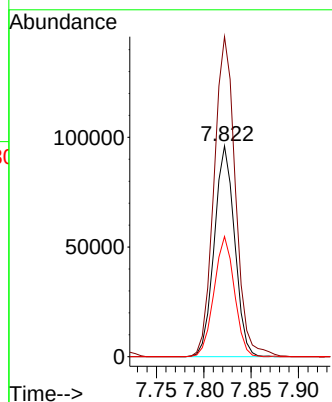
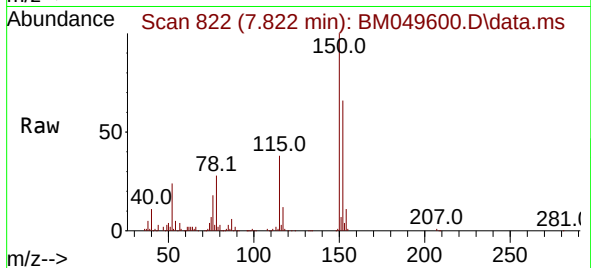




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM049600.D
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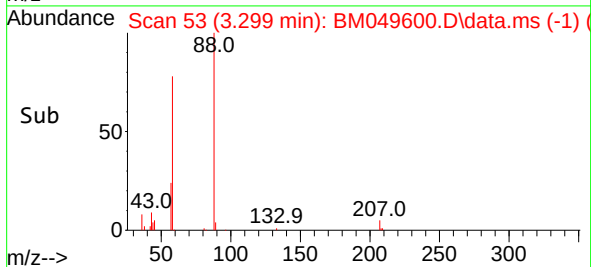
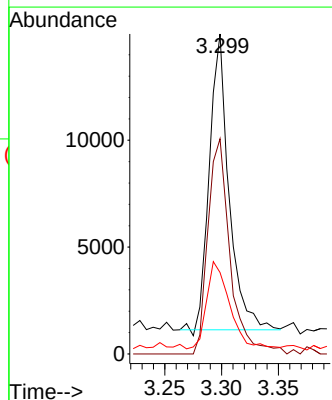
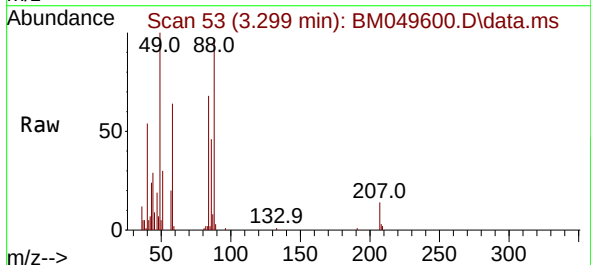
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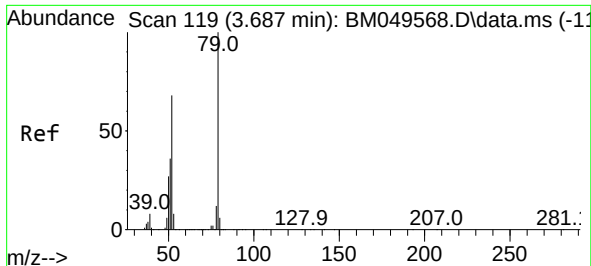
Tgt Ion:152 Resp: 143743
 Ion Ratio Lower Upper
 152 100
 150 151.8 122.6 184.0
 115 57.0 45.4 68.0



#2
 1,4-Dioxane
 Concen: 4.406 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

Tgt Ion: 88 Resp: 16559
 Ion Ratio Lower Upper
 88 100
 58 82.1 60.0 90.0
 43 34.8 24.4 36.6

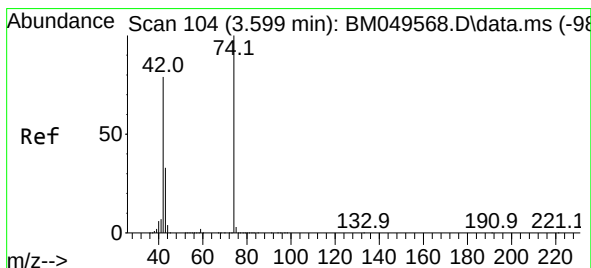
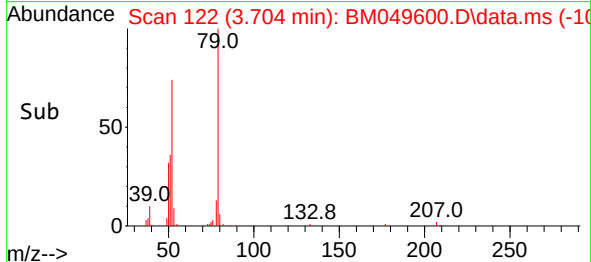
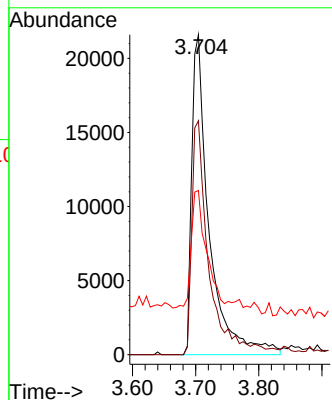
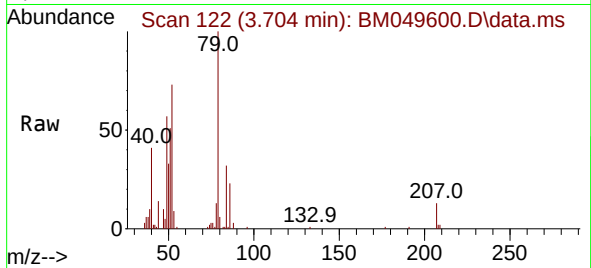




#3
Pyridine
Concen: 3.950 ng
RT: 3.704 min Scan# 119
Delta R.T. 0.018 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

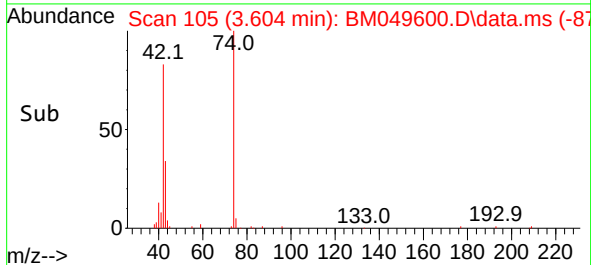
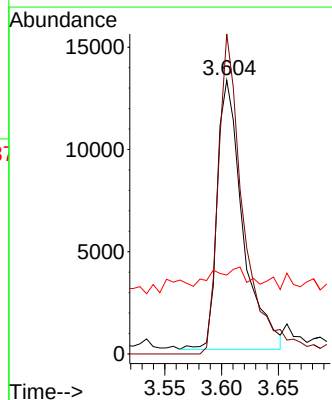
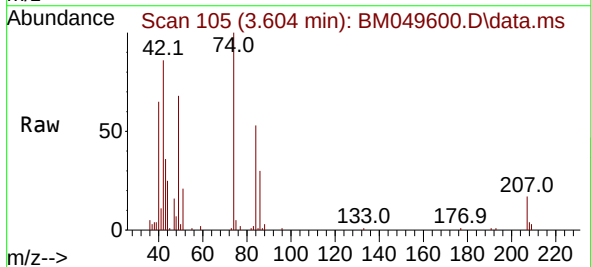
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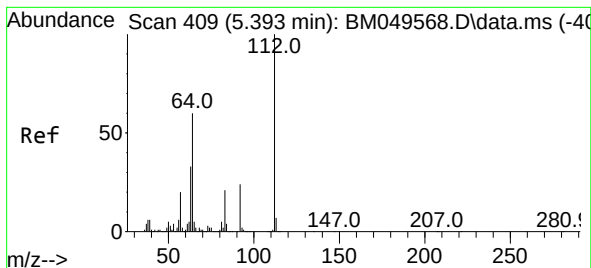
Tgt Ion: 79 Resp: 41252
Ion Ratio Lower Upper
79 100
52 73.1 54.5 81.7
51 51.3 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 4.227 ng
RT: 3.604 min Scan# 105
Delta R.T. 0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 42 Resp: 20653
Ion Ratio Lower Upper
42 100
74 116.9 101.3 151.9
44 28.8 6.5 9.7#

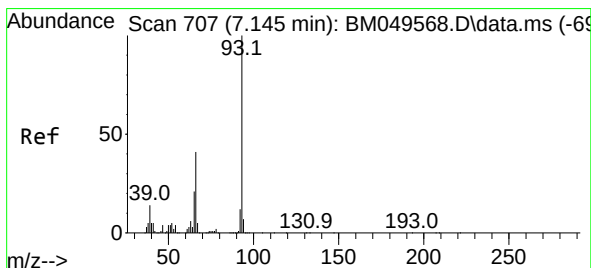
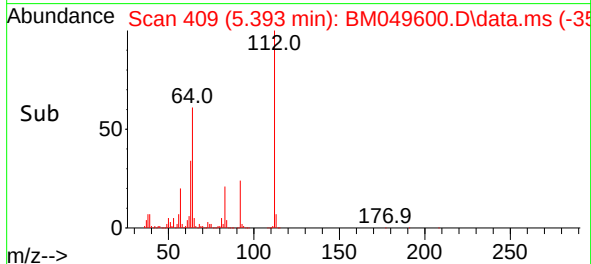
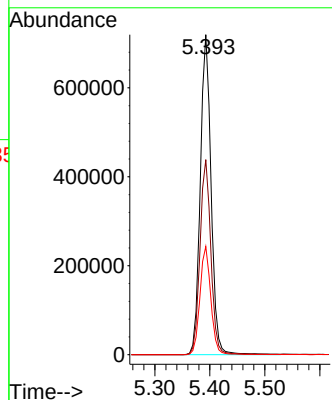
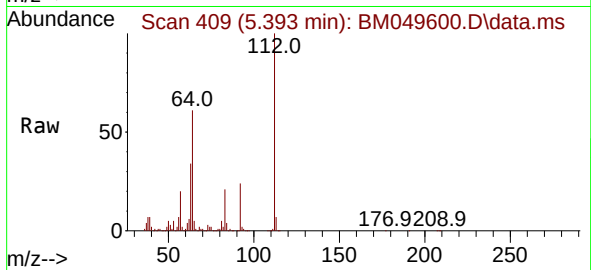




#5
2-Fluorophenol
Concen: 110.208 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

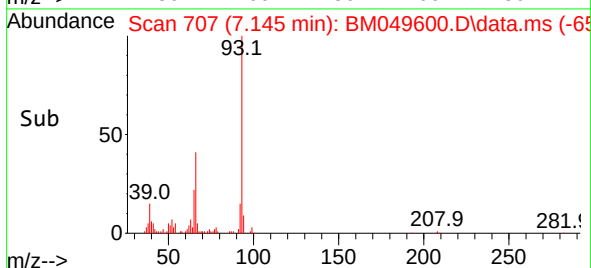
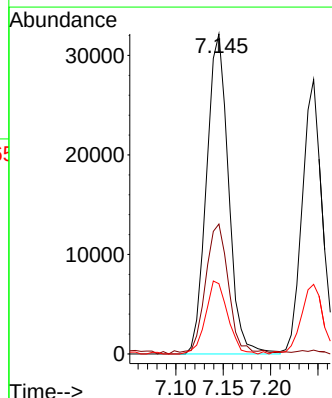
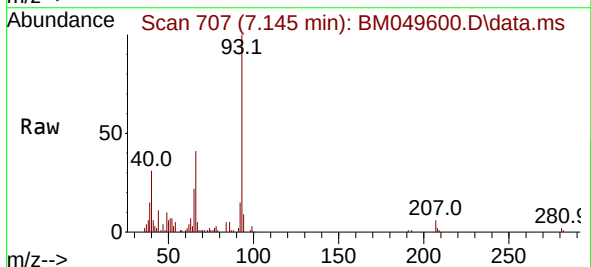
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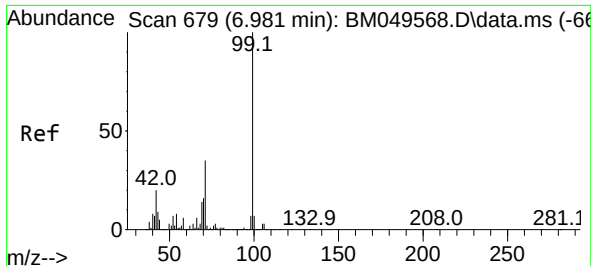
Tgt Ion:112 Resp: 985123
Ion Ratio Lower Upper
112 100
64 61.0 47.8 71.8
63 33.8 26.2 39.4



#6
Aniline
Concen: 4.676 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 93 Resp: 51897
Ion Ratio Lower Upper
93 100
66 40.6 33.3 49.9
65 22.0 16.8 25.2



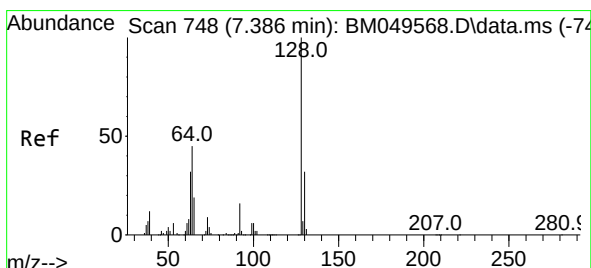
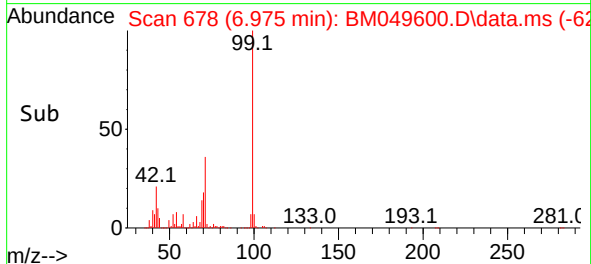
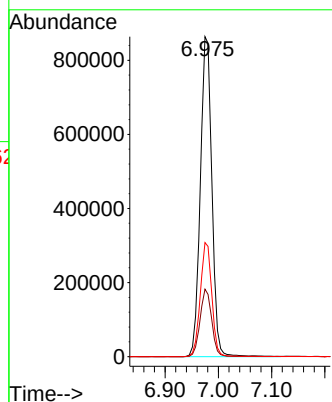
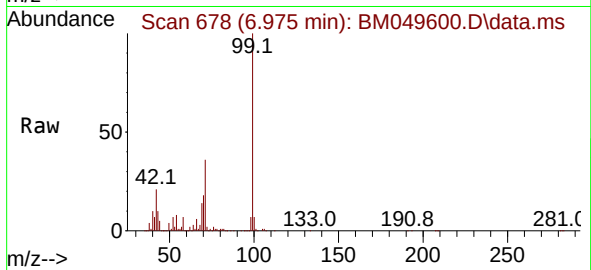


#7
Phenol-d6
Concen: 111.076 ng
RT: 6.975 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM049600.D
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Tgt Ion: 99 Resp: 1300794

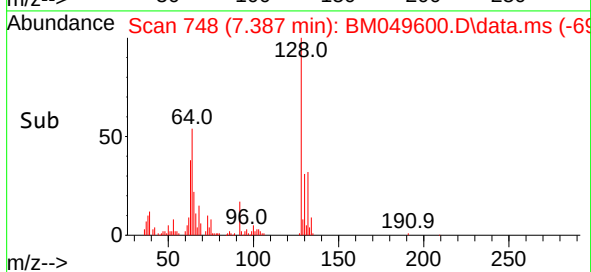
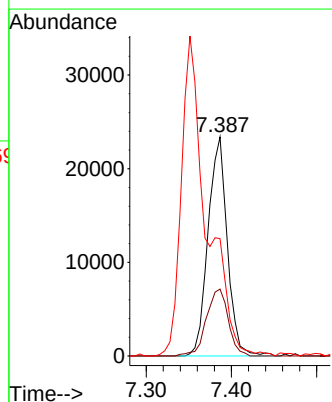
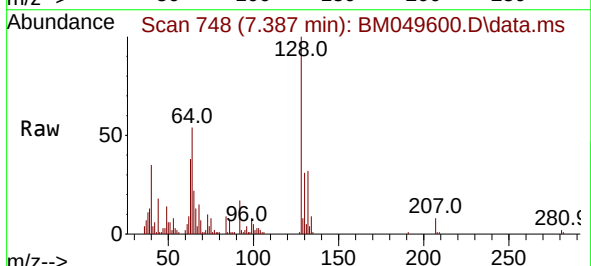
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.0	24.0
71	35.7	27.8	41.6

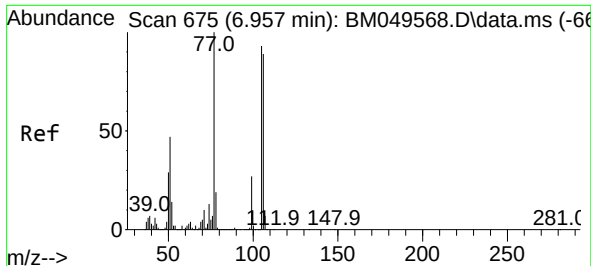


#8
2-Chlorophenol
Concen: 4.115 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049600.D
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Tgt Ion: 128 Resp: 36729

Ion	Ratio	Lower	Upper
128	100		
130	30.5	12.4	52.4
64	53.5	28.7	68.7

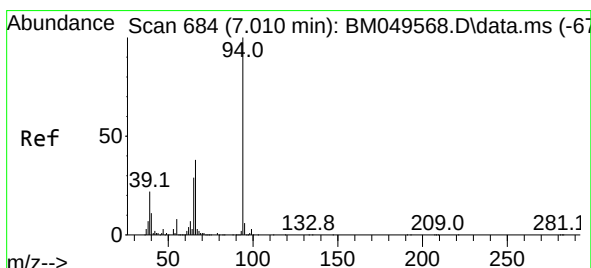
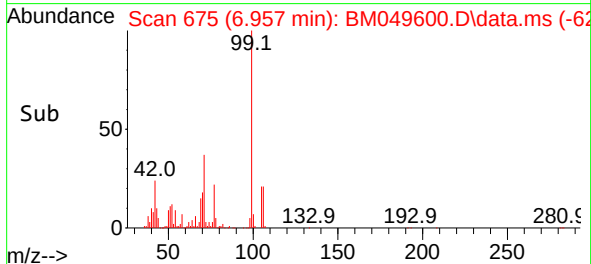
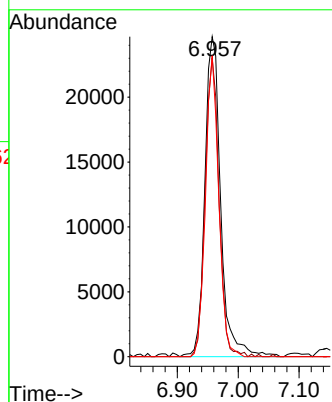
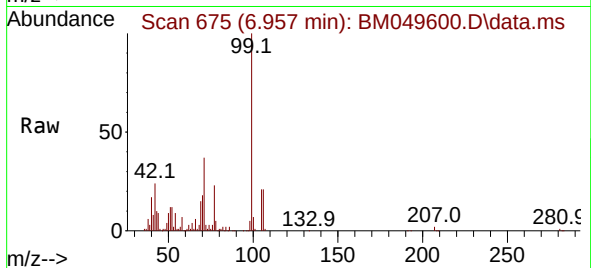




#9
Benzaldehyde
Concen: 7.202 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.000 min
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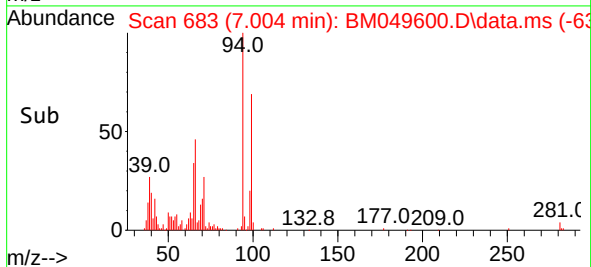
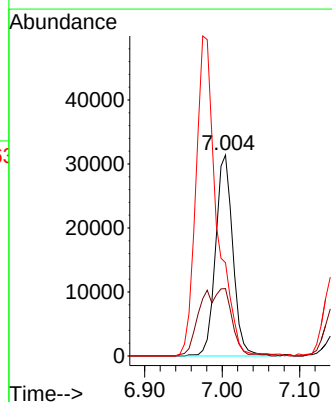
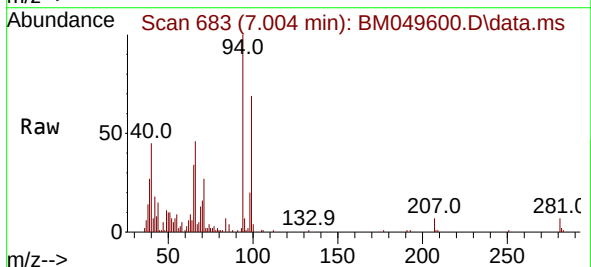
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

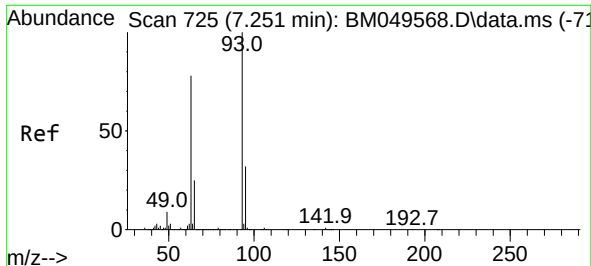
Tgt Ion: 77 Resp: 44658
Ion Ratio Lower Upper
77 100
105 93.4 72.7 112.7
106 94.0 68.9 108.9



#10
Phenol
Concen: 4.224 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 94 Resp: 48728
Ion Ratio Lower Upper
94 100
65 33.5 9.3 49.3
66 46.4 17.7 57.7

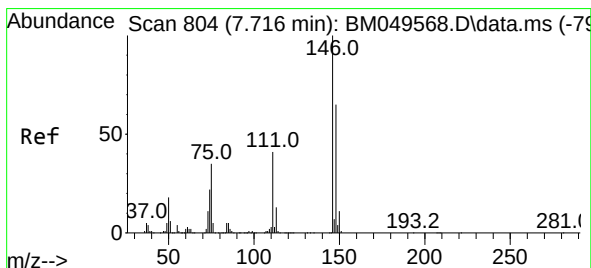
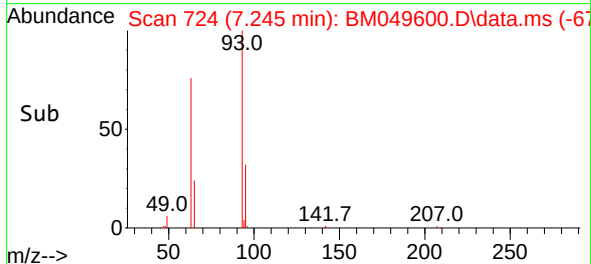
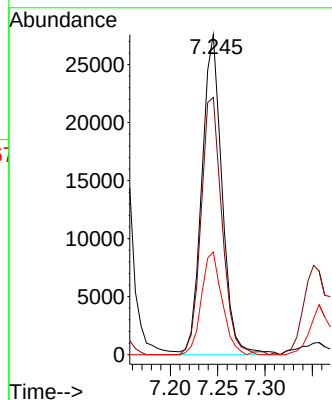
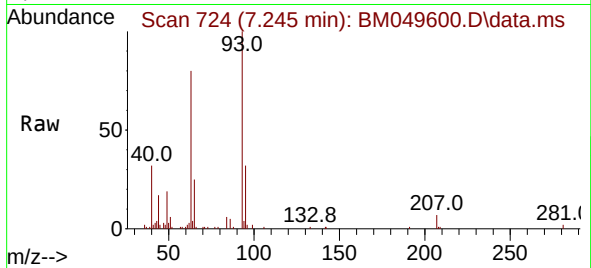




#11
bis(2-Chloroethyl)ether
Concen: 4.370 ng
RT: 7.245 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

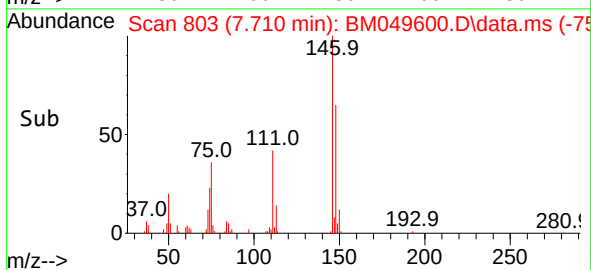
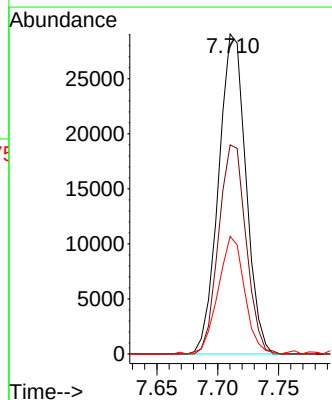
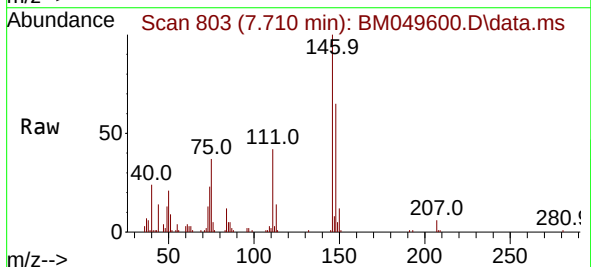
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

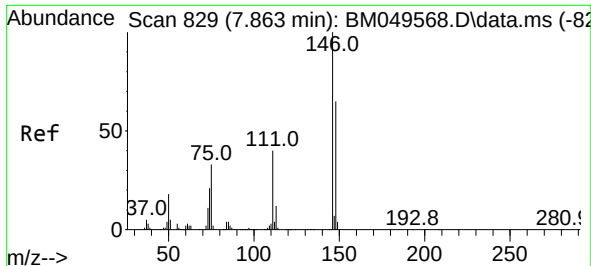
Tgt Ion: 93 Resp: 40783
Ion Ratio Lower Upper
93 100
63 80.4 57.3 97.3
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 4.385 ng
RT: 7.710 min Scan# 803
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:146 Resp: 45431
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.2
75 36.7 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 4.500 ng

RT: 7.857 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

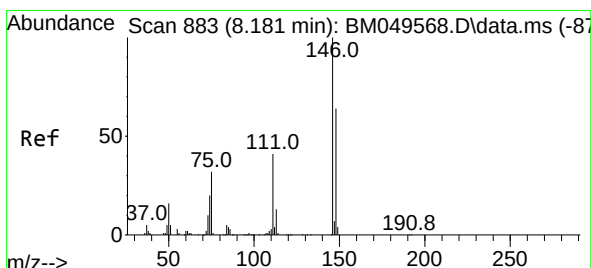
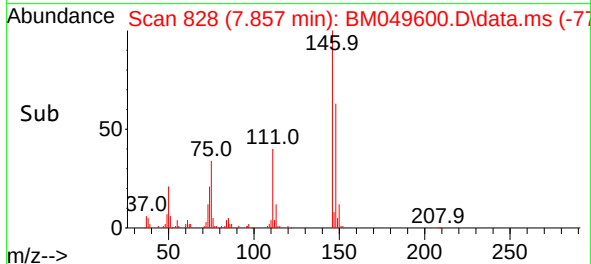
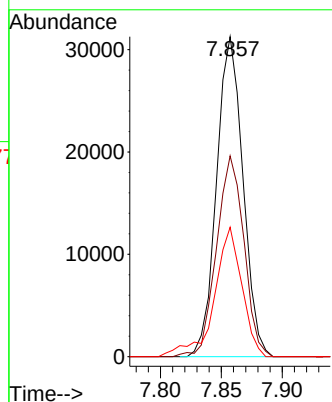
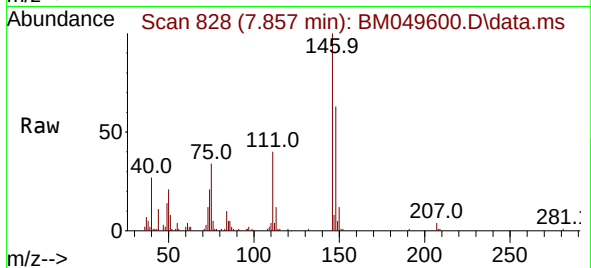
Tgt Ion:146 Resp: 47156

Ion Ratio Lower Upper

146 100

148 62.8 52.1 78.1

111 40.5 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 4.489 ng

RT: 8.175 min Scan# 882

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

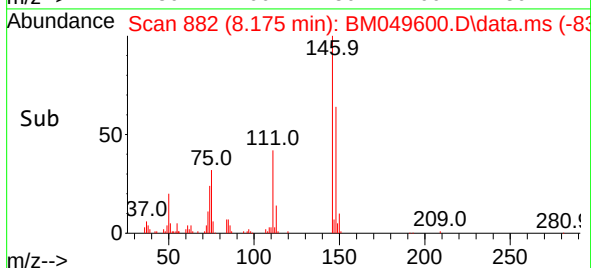
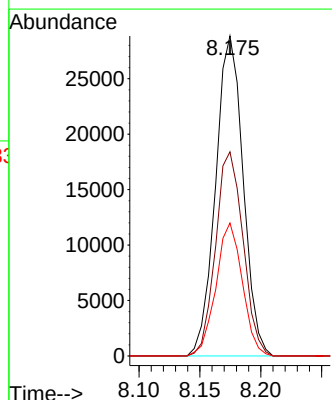
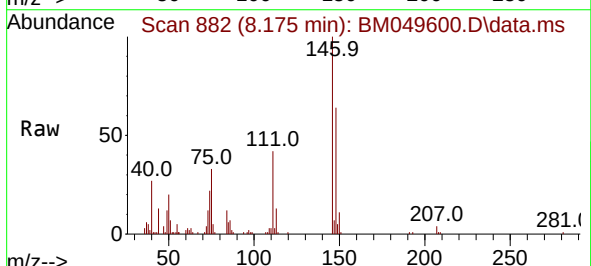
Tgt Ion:146 Resp: 45423

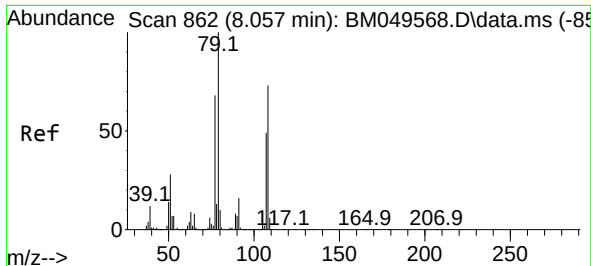
Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

111 41.5 33.4 50.0

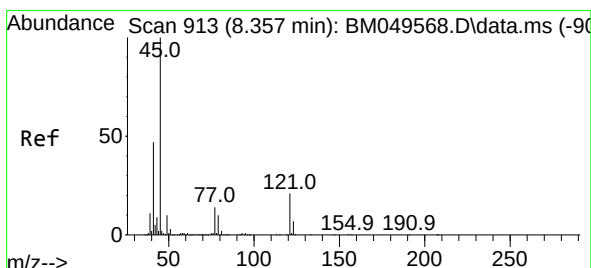
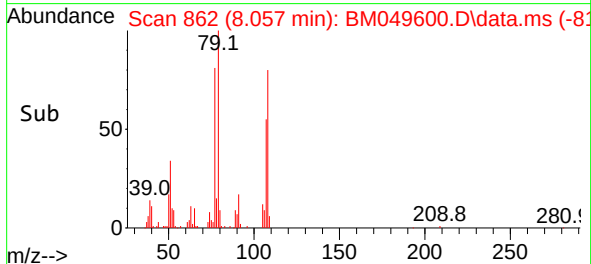
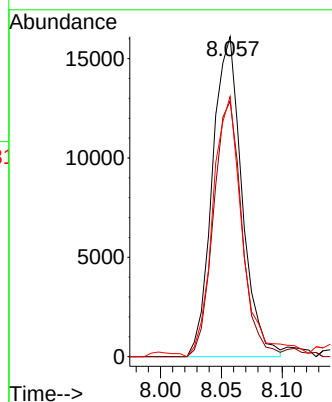
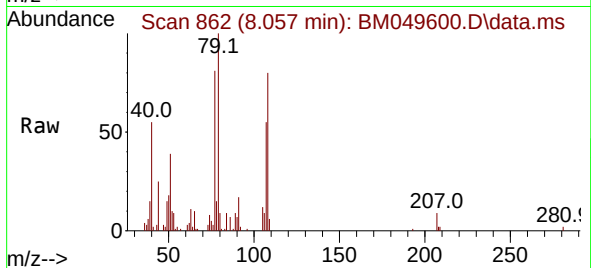




#15
Benzyl Alcohol
Concen: 3.330 ng
RT: 8.057 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

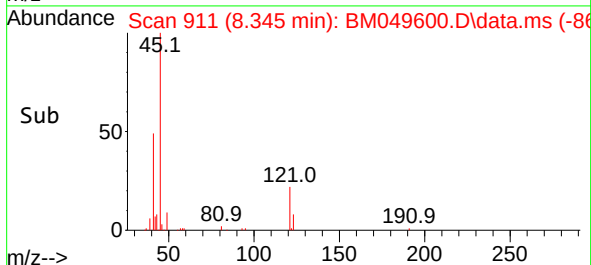
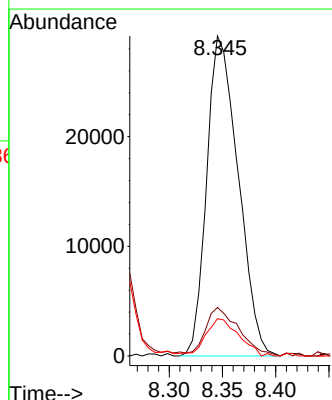
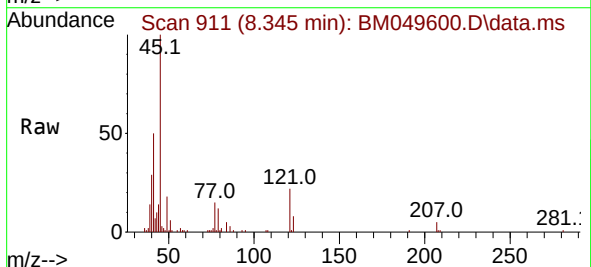
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

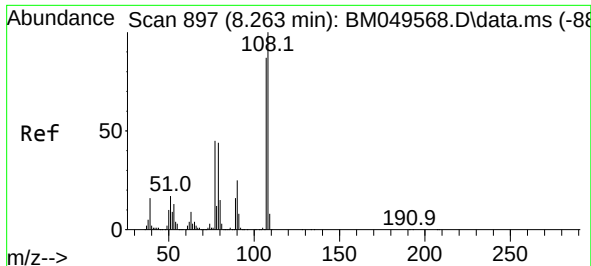
Tgt Ion: 79 Resp: 27130
Ion Ratio Lower Upper
79 100
108 79.8 58.6 88.0
77 81.3 54.0 81.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.770 ng
RT: 8.345 min Scan# 911
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 45 Resp: 59921
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.0
79 11.6 0.0 30.8

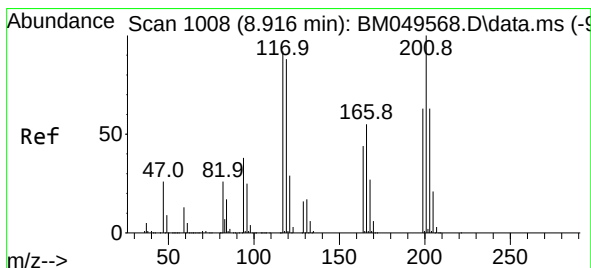
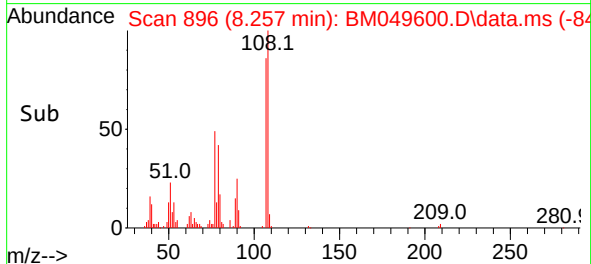
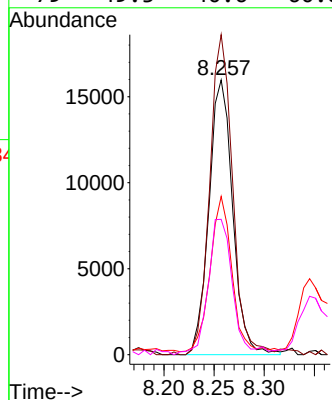
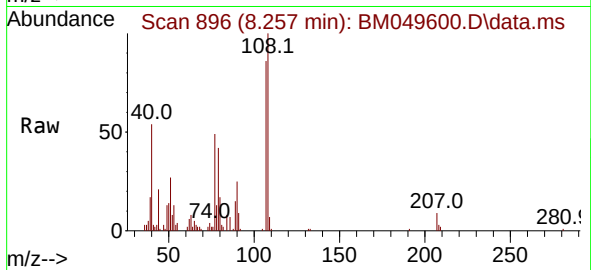




#17
2-Methylphenol
Concen: 3.738 ng
RT: 8.257 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

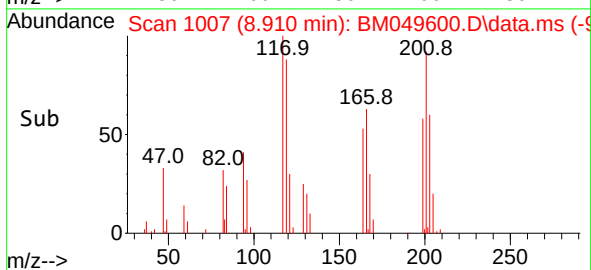
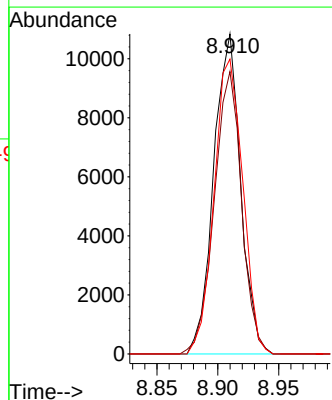
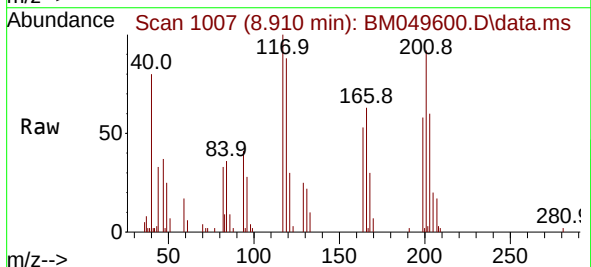
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

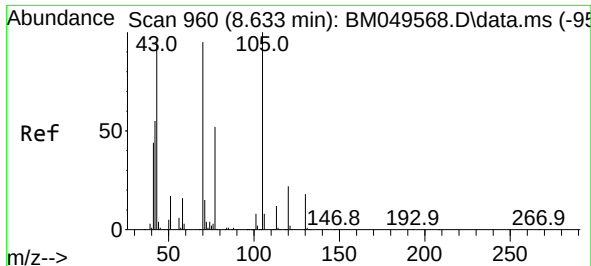
Tgt Ion:	107	Resp:	26363
Ion	Ratio	Lower	Upper
107	100		
108	116.5	92.2	138.4
77	57.6	41.3	61.9
79	49.3	40.6	60.8



#18
Hexachloroethane
Concen: 4.368 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:	117	Resp:	16720
Ion	Ratio	Lower	Upper
117	100		
119	88.3	76.8	115.2
201	94.7	87.0	130.6

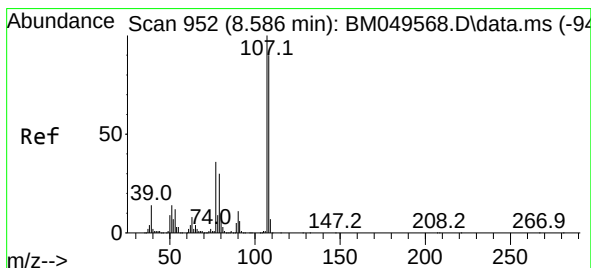
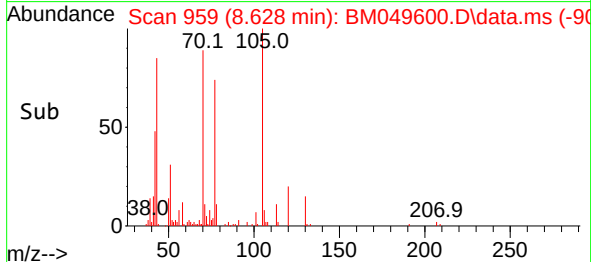
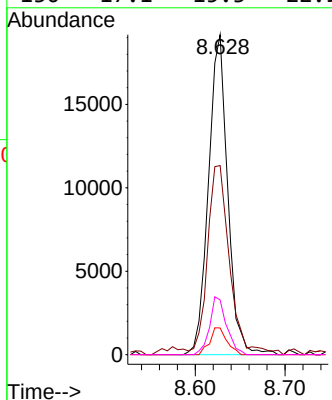
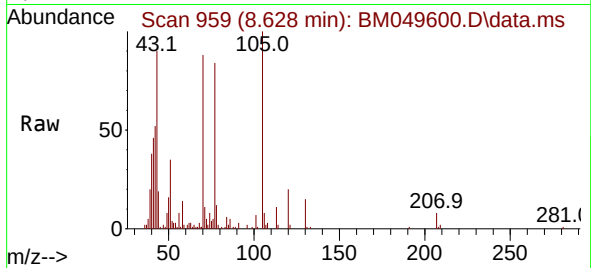




#19
n-Nitroso-di-n-propylamine
Concen: 3.730 ng
RT: 8.628 min Scan# 919
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

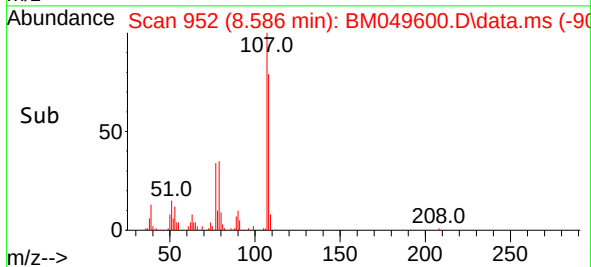
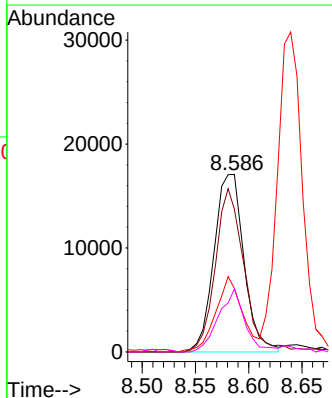
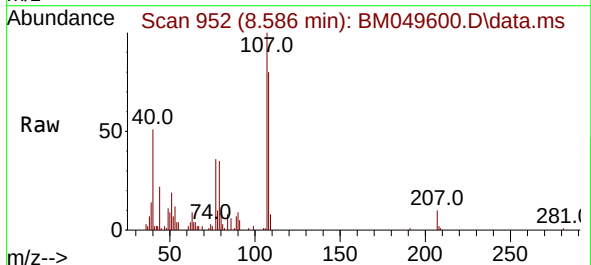
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2025

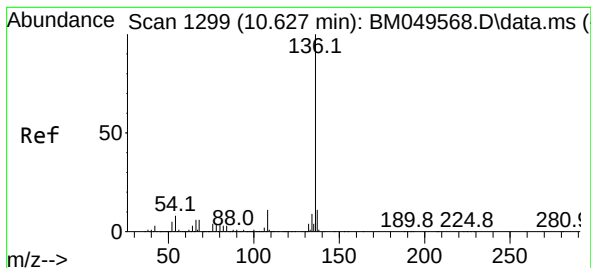
Tgt Ion:	70	Resp:	28605
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.4	71.2
101	8.3	7.1	10.7
130	17.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 3.587 ng
RT: 8.586 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:	107	Resp:	33397
Ion	Ratio	Lower	Upper
107	100		
108	80.5	69.6	109.6
77	35.9	16.0	56.0
79	35.5	10.5	50.5

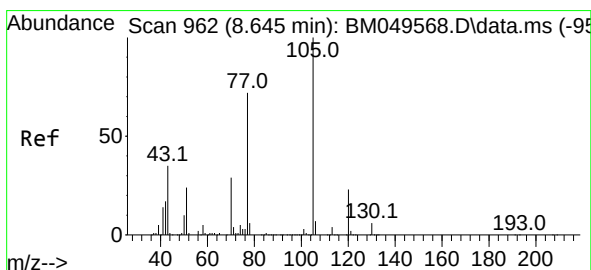
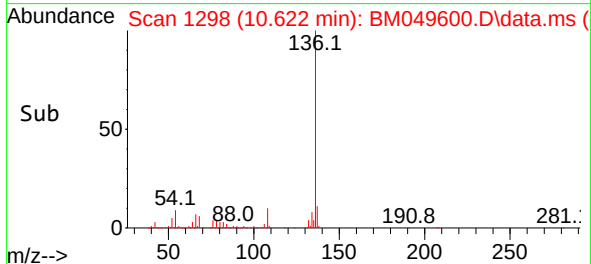
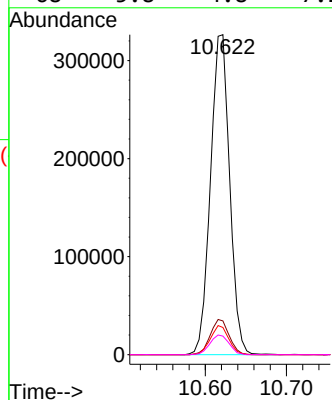
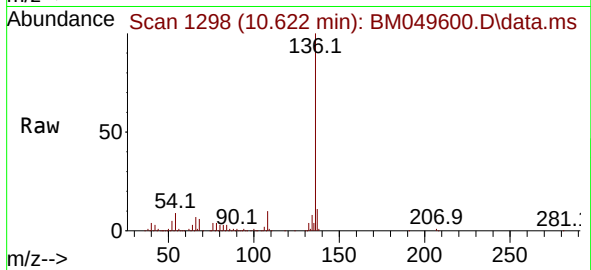




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

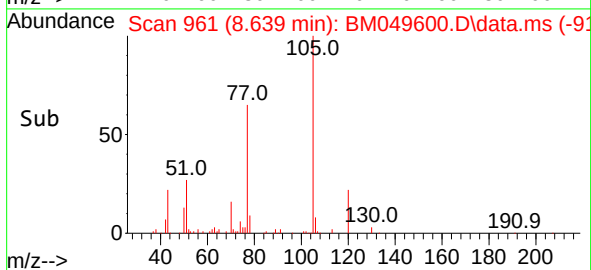
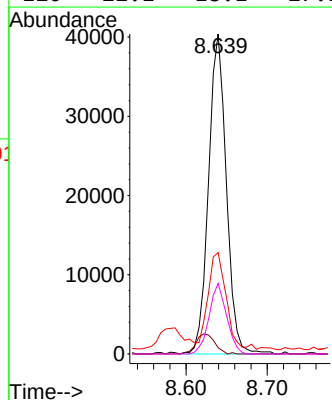
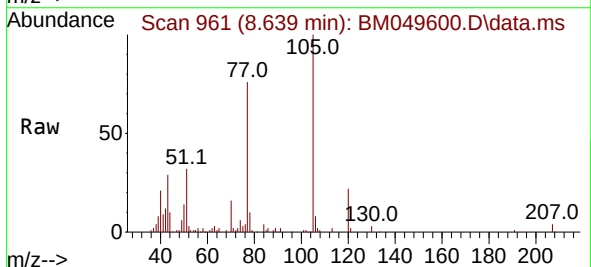
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

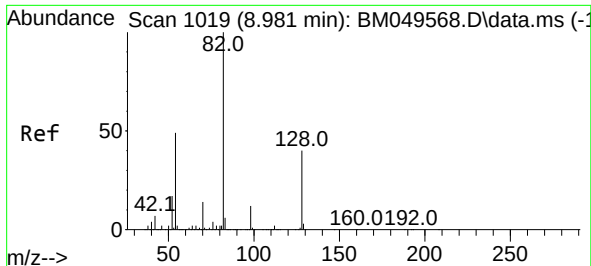
Tgt Ion:	136	Resp:	535028
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.5	6.6	10.0
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 4.265 ng
RT: 8.639 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:	105	Resp:	61455
Ion Ratio	Lower	Upper	
105	100		
71	2.0	3.5	5.3
51	31.7	21.7	32.5
120	22.1	18.1	27.1

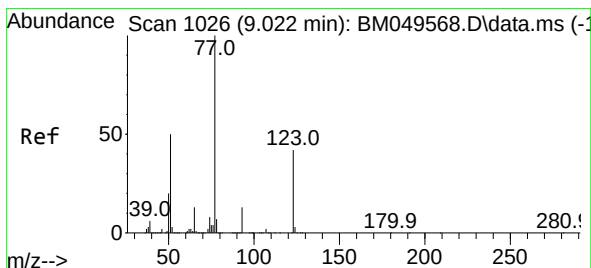
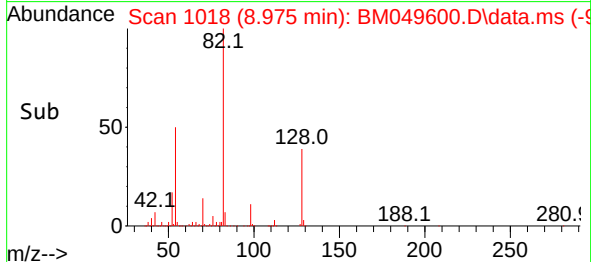
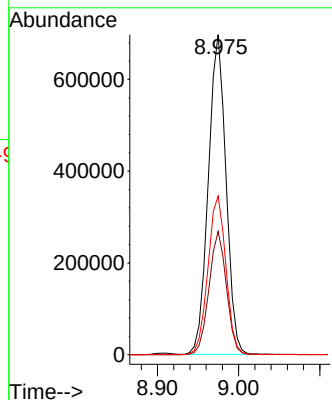
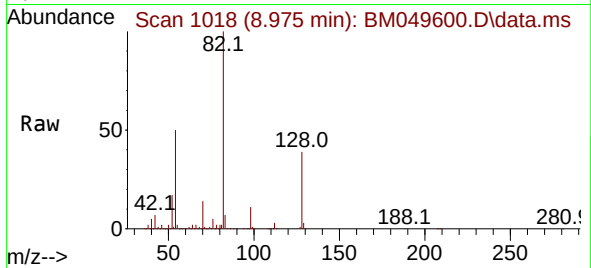




#23
Nitrobenzene-d5
Concen: 101.083 ng
RT: 8.975 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

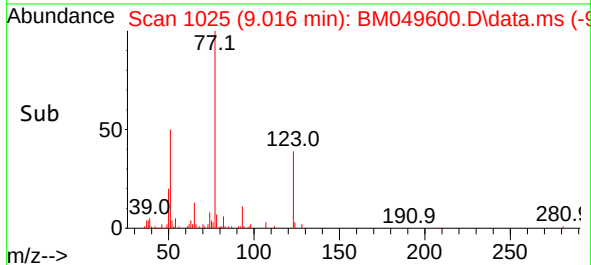
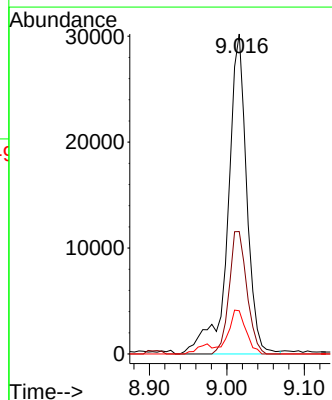
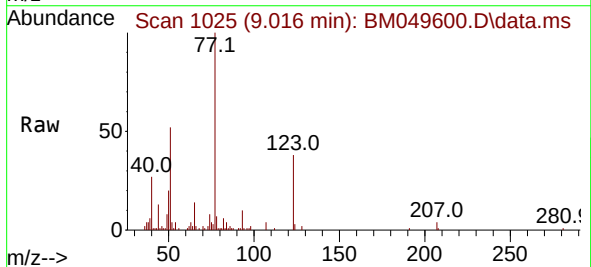
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

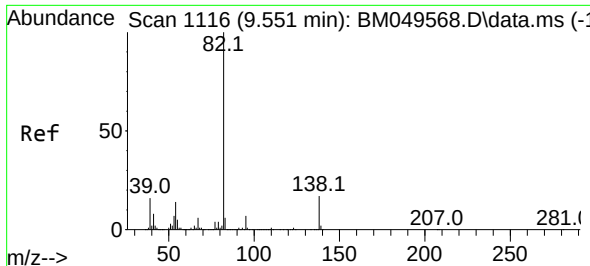
Tgt Ion: 82 Resp: 1051422
Ion Ratio Lower Upper
82 100
128 38.5 31.6 47.4
54 49.6 39.4 59.0



#24
Nitrobenzene
Concen: 5.048 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 77 Resp: 51014
Ion Ratio Lower Upper
77 100
123 38.3 33.4 50.2
65 13.5 10.5 15.7

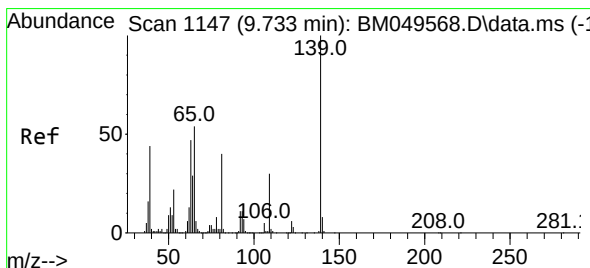
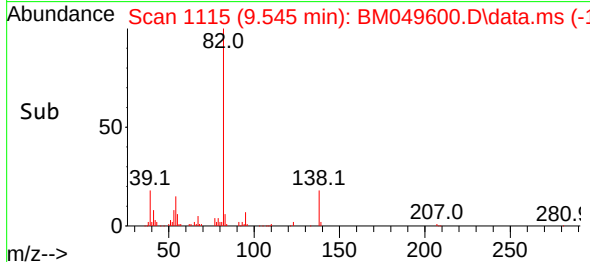
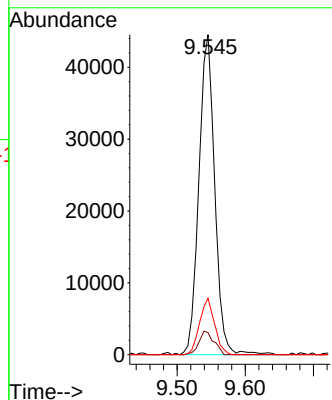
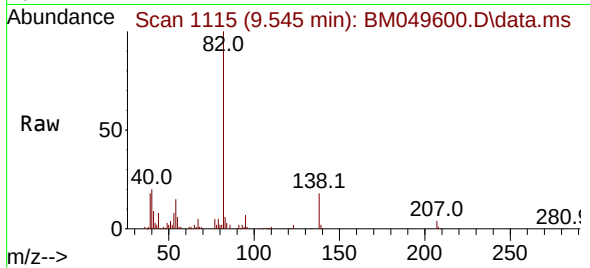




#25
Isophorone
Concen: 3.837 ng
RT: 9.545 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

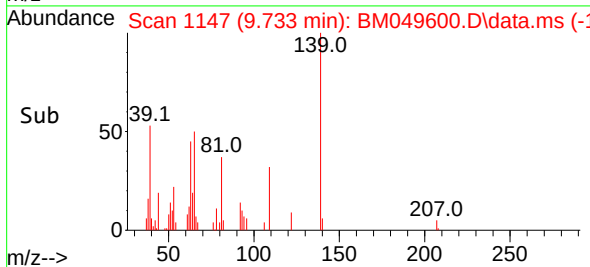
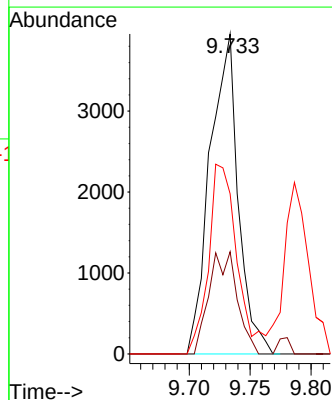
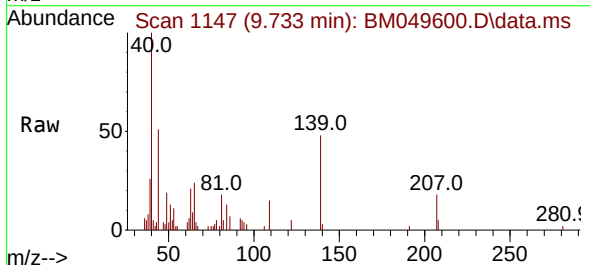
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

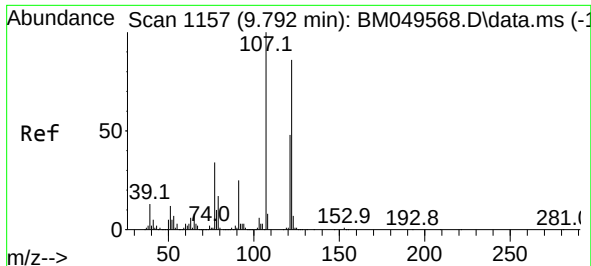
Tgt Ion: 82 Resp: 71980
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 13.6 20.4



#26
2-Nitrophenol
Concen: 4.161 ng
RT: 9.733 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 139 Resp: 6369
Ion Ratio Lower Upper
139 100
109 32.0 24.2 36.2
65 50.0 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 4.462 ng

RT: 9.792 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BM049600.D

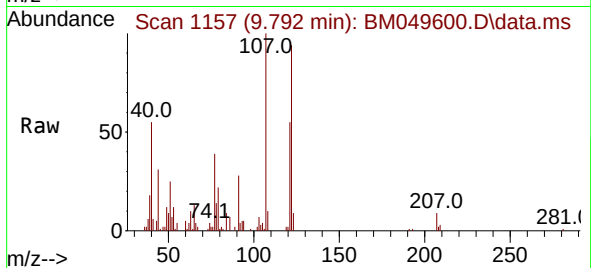
Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025



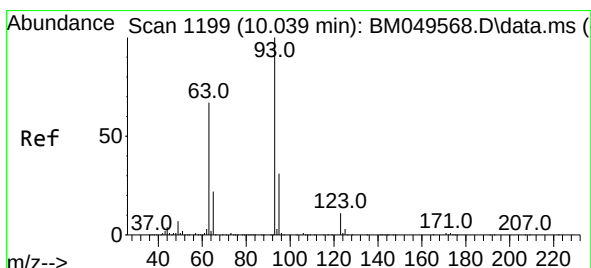
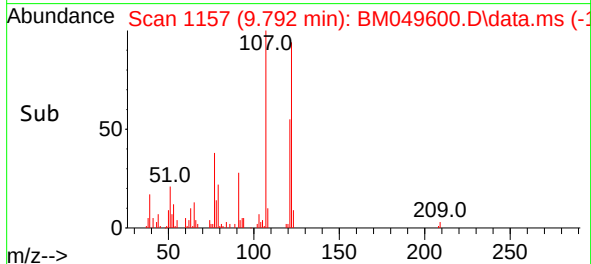
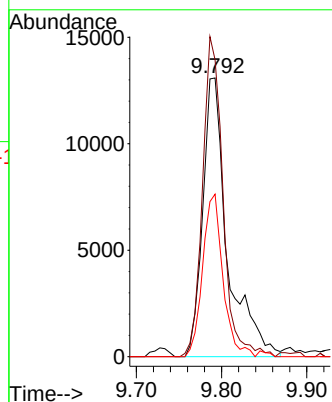
Tgt Ion:122 Resp: 26465

Ion Ratio Lower Upper

122 100

107 106.5 93.2 139.8

121 58.3 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.000 ng

RT: 10.028 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

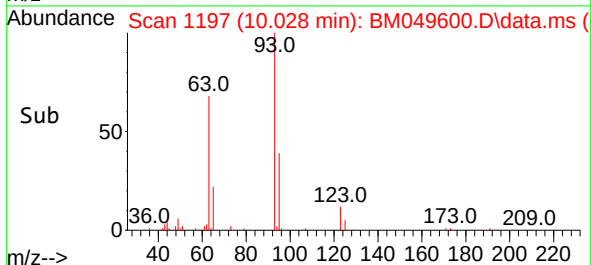
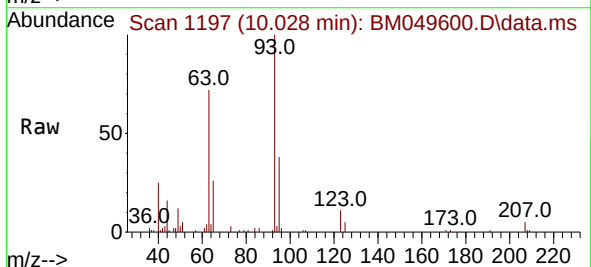
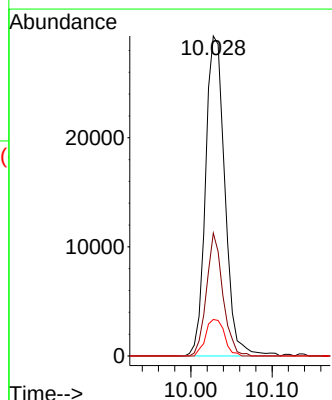
Tgt Ion: 93 Resp: 48325

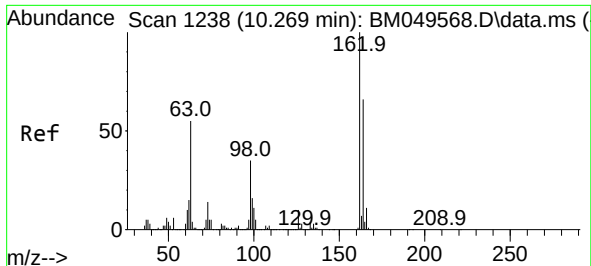
Ion Ratio Lower Upper

93 100

95 38.4 25.2 37.8#

123 11.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 2.741 ng

RT: 10.263 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

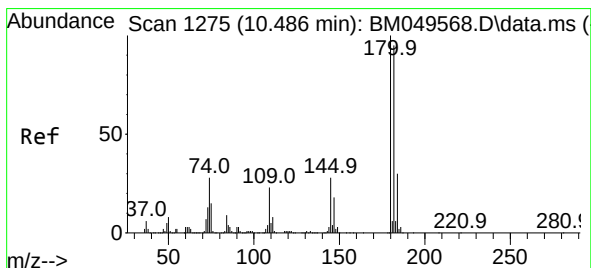
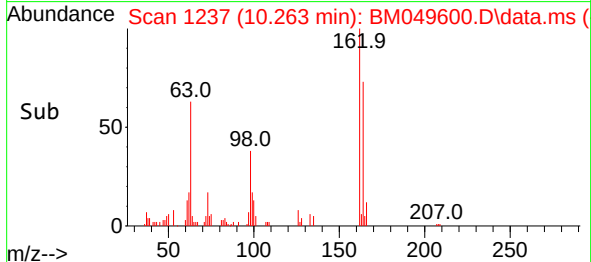
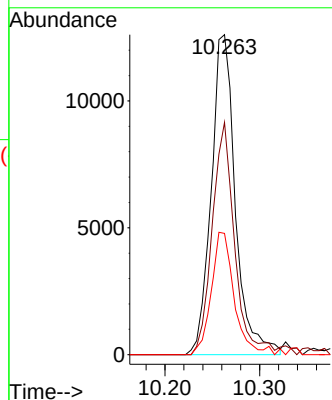
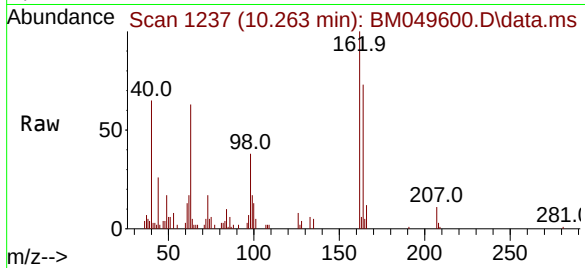
Tgt Ion:162 Resp: 22390

Ion Ratio Lower Upper

162 100

164 72.6 46.0 86.0

98 37.9 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 3.971 ng

RT: 10.480 min Scan# 1274

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

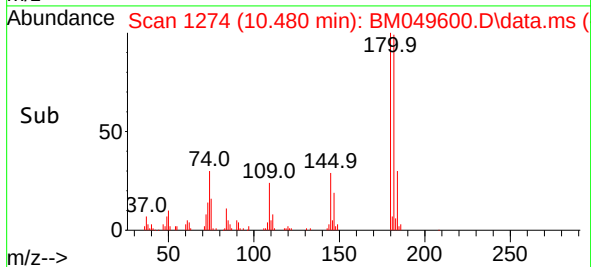
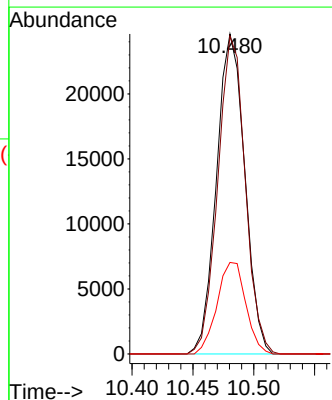
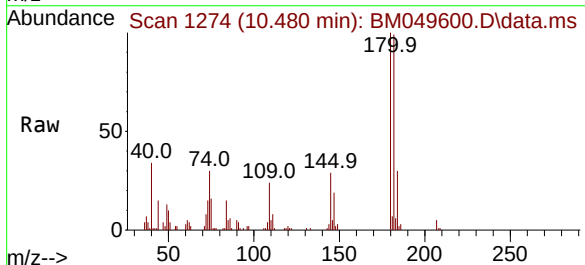
Tgt Ion:180 Resp: 39743

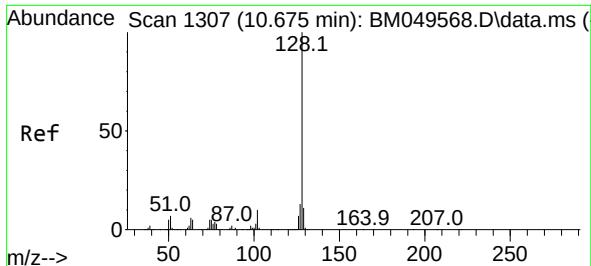
Ion Ratio Lower Upper

180 100

182 99.3 76.4 114.6

145 28.6 22.5 33.7

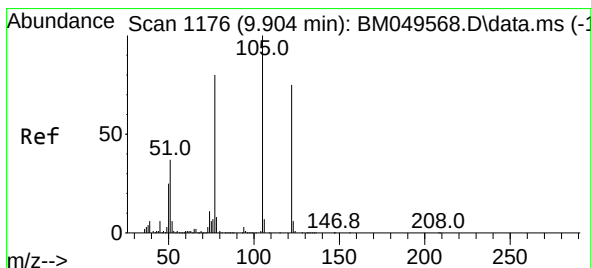
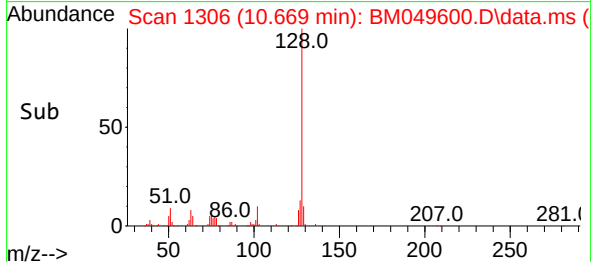
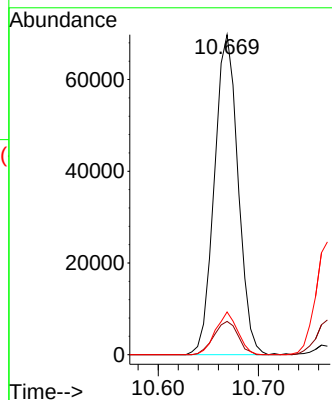
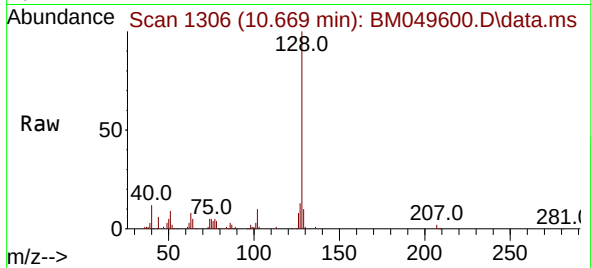




#31
Naphthalene
Concen: 4.051 ng
RT: 10.669 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

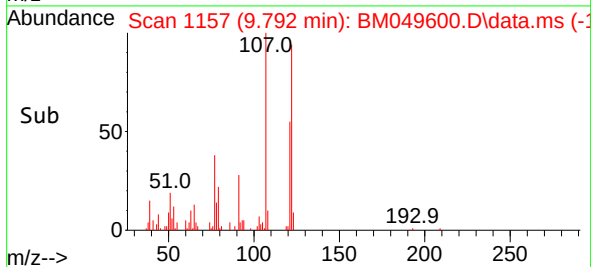
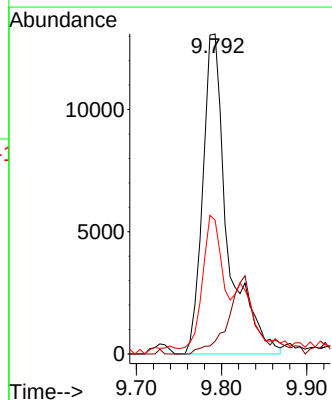
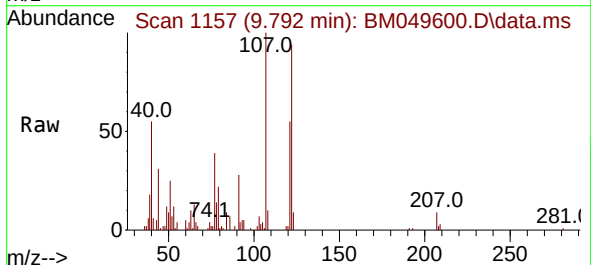
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

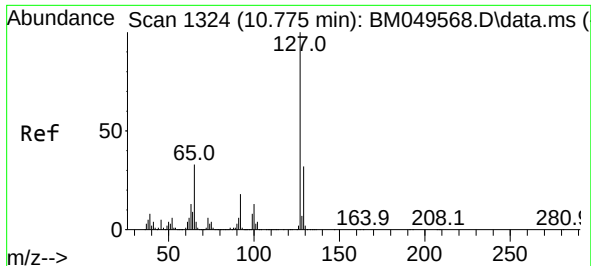
Tgt Ion:128 Resp: 114312
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 13.526 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.112 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:122 Resp: 26465
Ion Ratio Lower Upper
122 100
105 3.9 103.6 143.6#
77 41.8 82.4 122.4#

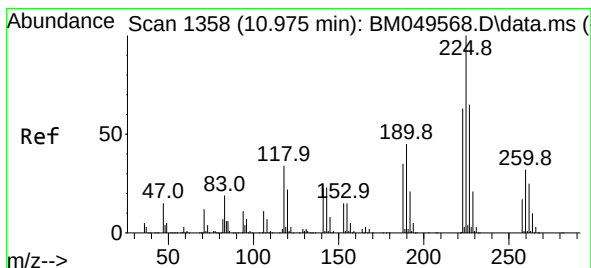
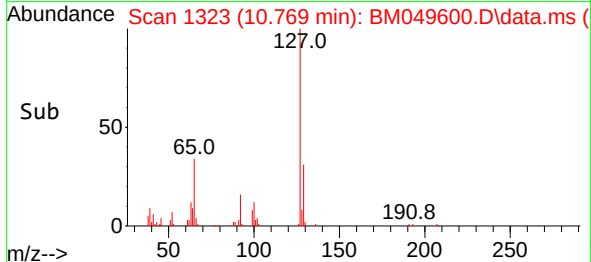
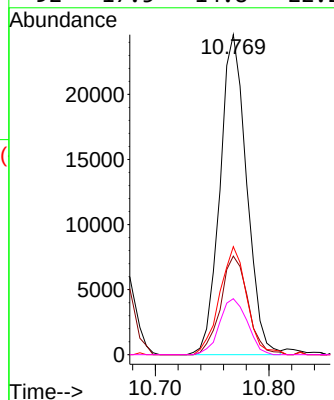
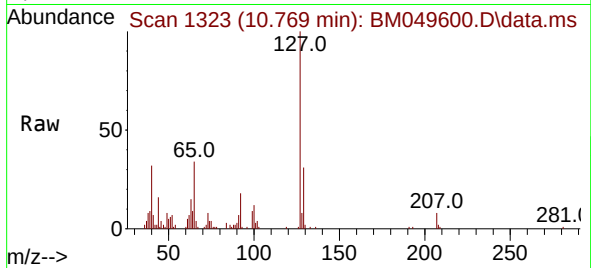




#33
4-Chloroaniline
Concen: 3.796 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

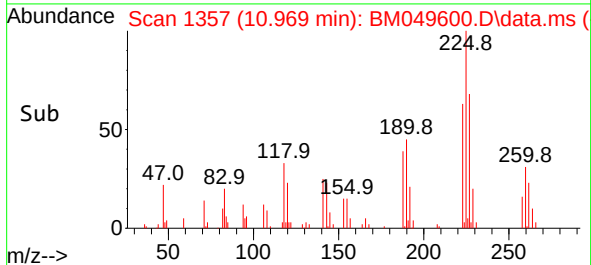
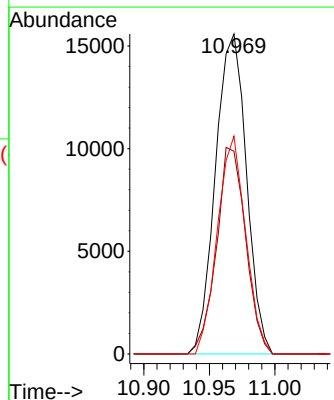
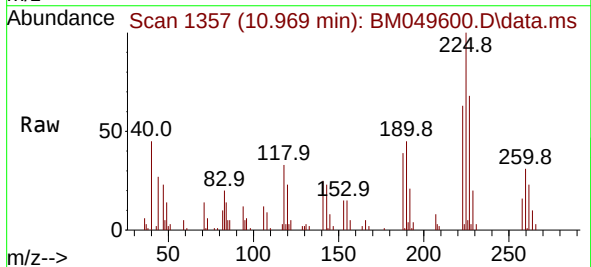
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

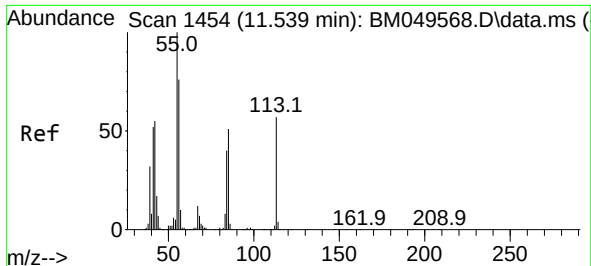
Tgt Ion:127	Resp:	40092
Ion Ratio	Lower	Upper
127	100	
129	30.8	25.8 38.8
65	33.7	26.4 39.6
92	17.5	14.8 22.2



#34
Hexachlorobutadiene
Concen: 4.272 ng
RT: 10.969 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:225	Resp:	25604
Ion Ratio	Lower	Upper
225	100	
223	63.3	50.6 75.8
227	70.8	51.8 77.6

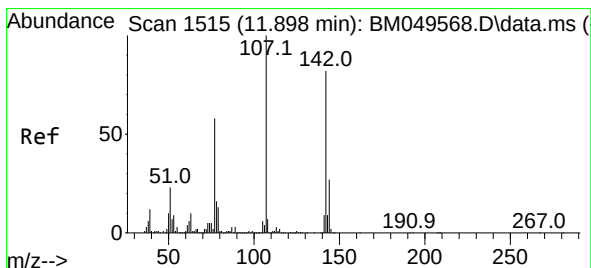
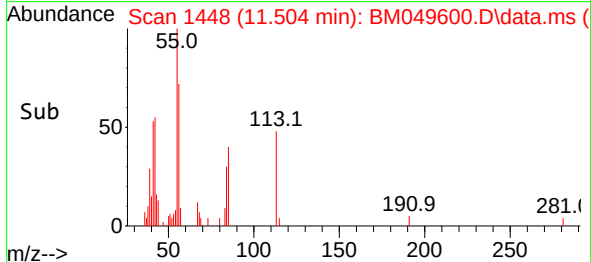
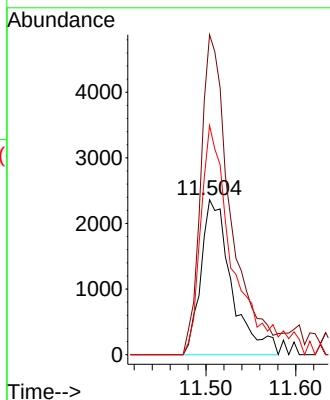
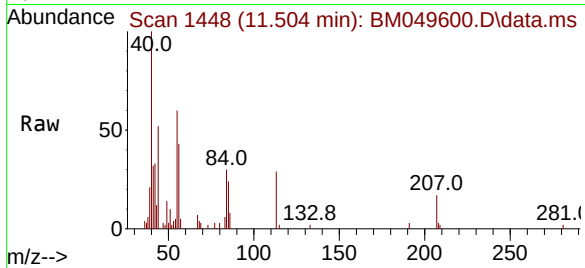




#35
 Caprolactam
 Concen: 2.250 ng
 RT: 11.504 min Scan# 1448
 Delta R.T. -0.035 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

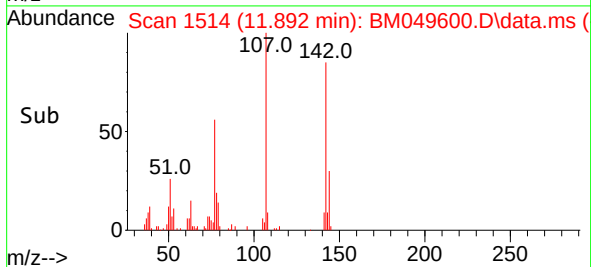
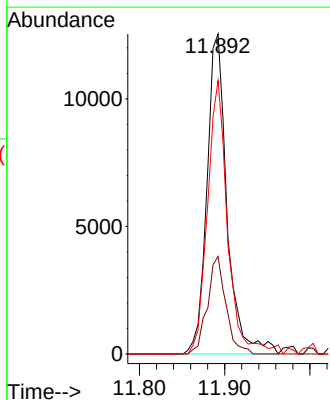
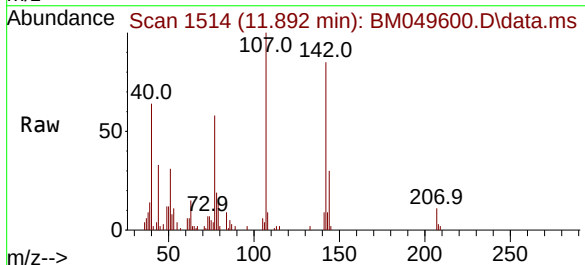
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

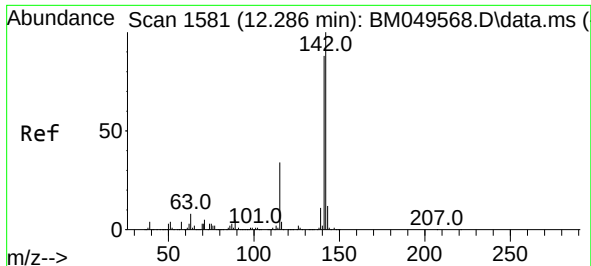
Tgt Ion:113 Resp: 5607
 Ion Ratio Lower Upper
 113 100
 55 206.6 157.5 197.5#
 56 147.9 114.6 154.6



#36
 4-Chloro-3-methylphenol
 Concen: 2.533 ng
 RT: 11.892 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

Tgt Ion:107 Resp: 20637
 Ion Ratio Lower Upper
 107 100
 144 30.4 21.2 31.8
 142 85.4 65.4 98.2

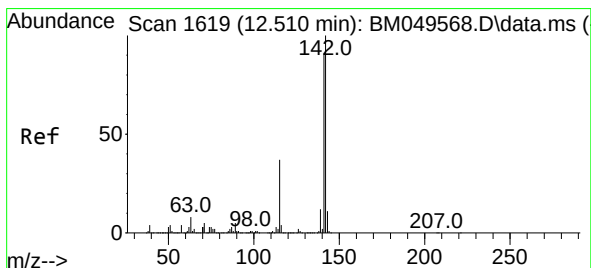
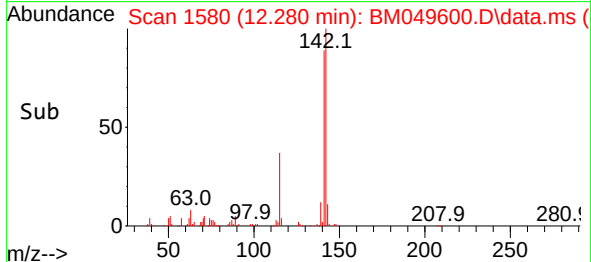
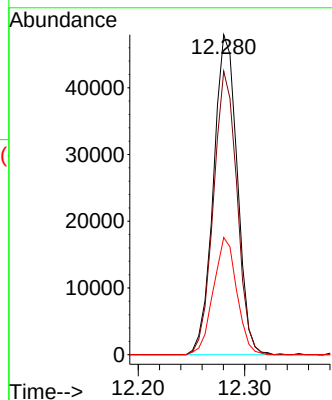
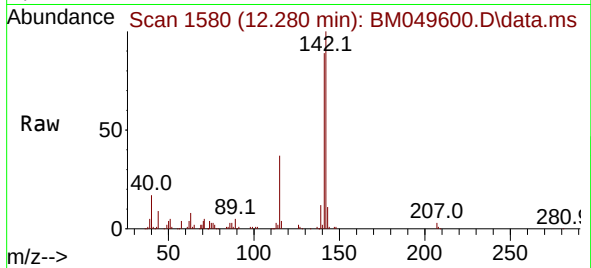




#37
2-Methylnaphthalene
Concen: 3.741 ng
RT: 12.280 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

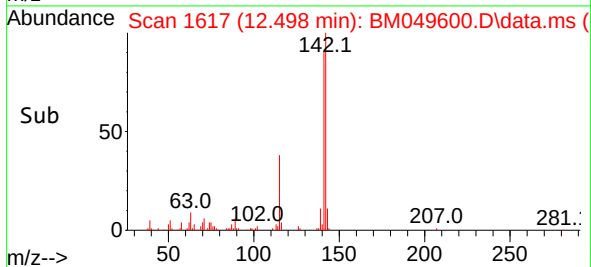
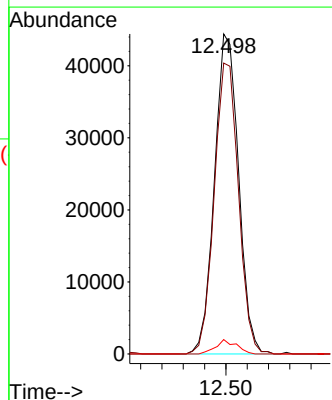
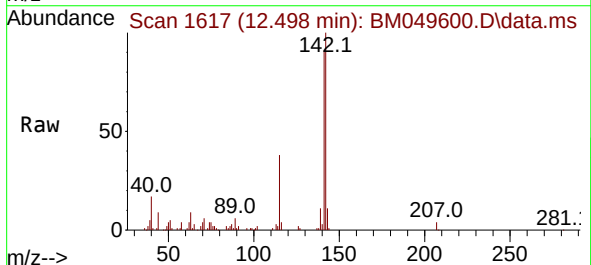
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

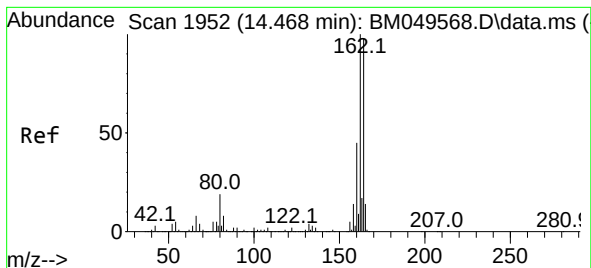
Tgt Ion:142 Resp: 74331
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.4
115 36.6 27.5 41.3



#38
1-Methylnaphthalene
Concen: 3.606 ng
RT: 12.498 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:142 Resp: 69702
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7
116 4.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1952

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

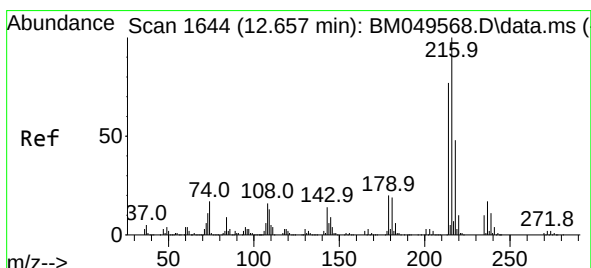
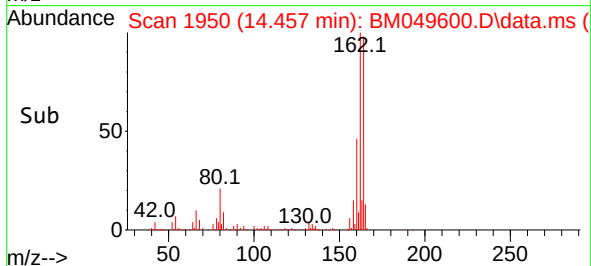
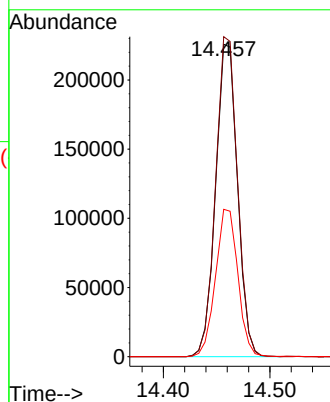
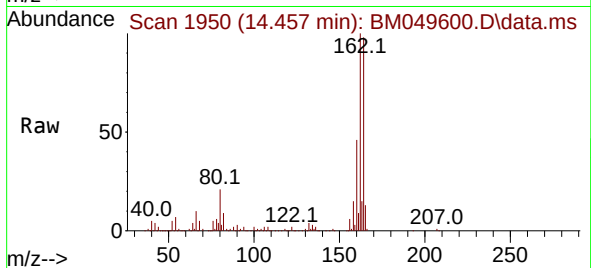
Tgt Ion:164 Resp: 321530

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

160 47.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.116 ng

RT: 12.651 min Scan# 1643

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Tgt Ion:216 Resp: 43510

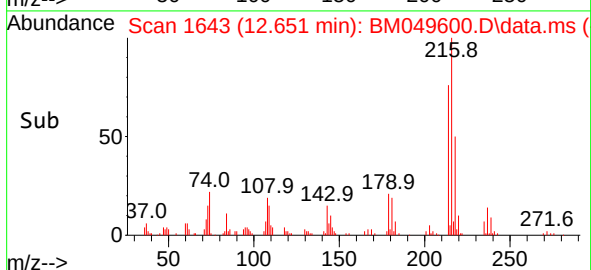
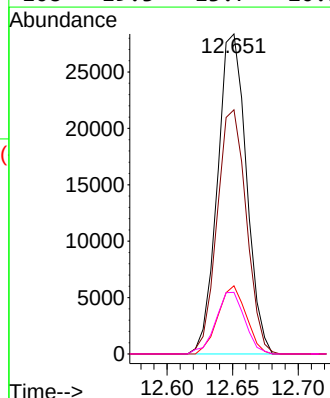
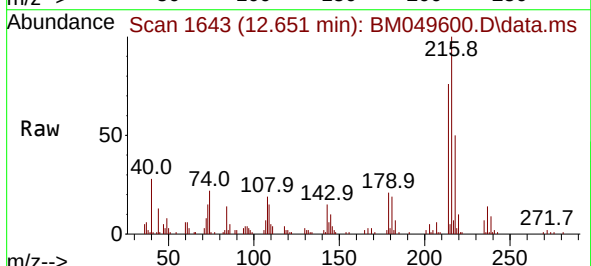
Ion Ratio Lower Upper

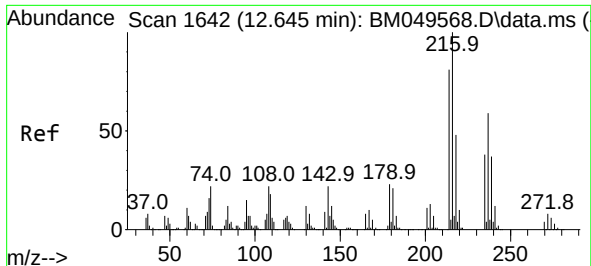
216 100

214 77.1 62.4 93.6

179 20.7 16.3 24.5

108 19.3 13.7 20.5

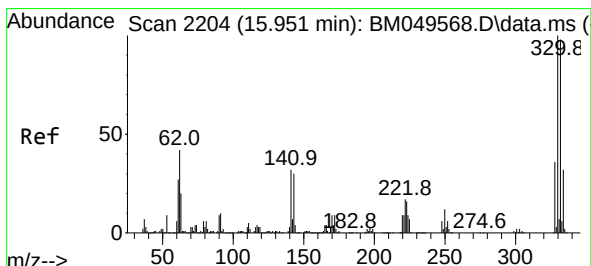
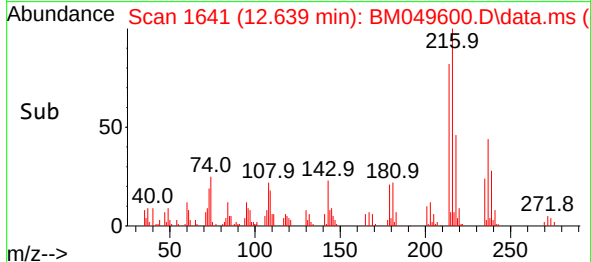
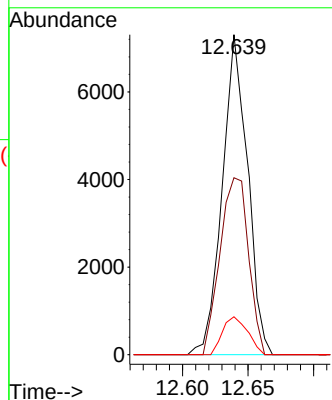
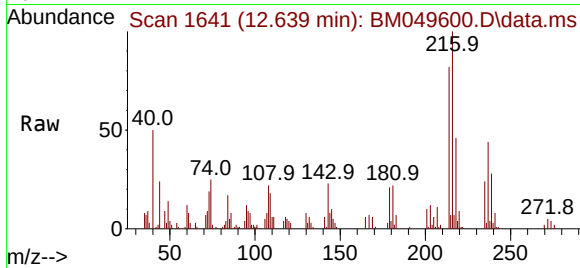




#41
Hexachlorocyclopentadiene
Concen: 3.633 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

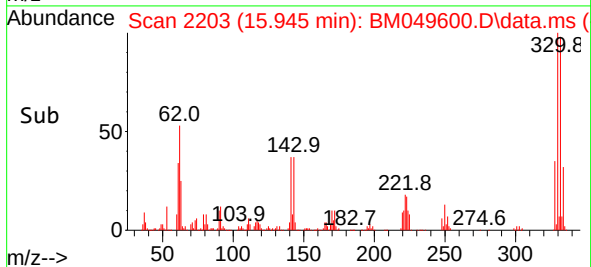
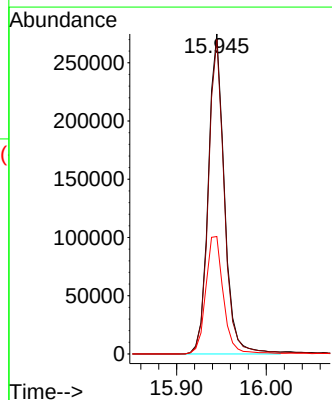
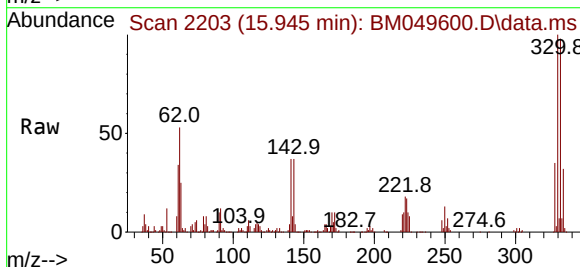
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

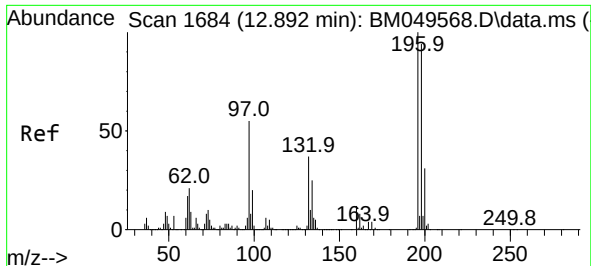
Tgt Ion:237	Resp:	9804
Ion Ratio	Lower	Upper
237	100	
235	55.3	43.8 83.8
272	11.8	0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 89.983 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:330	Resp:	342823
Ion Ratio	Lower	Upper
330	100	
332	98.0	77.3 115.9
141	40.4	28.2 42.2

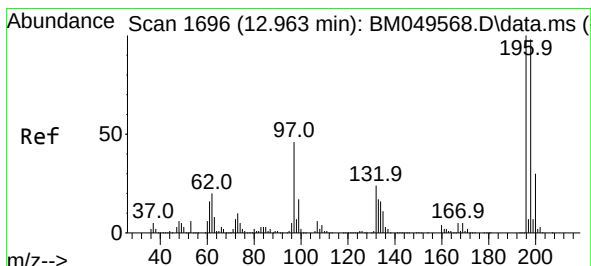
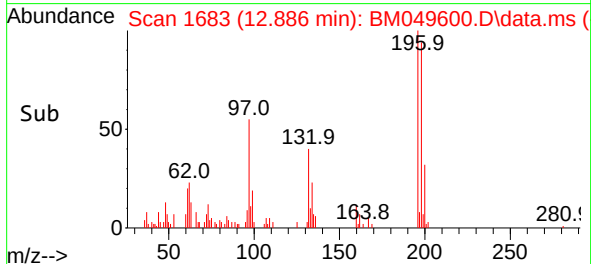
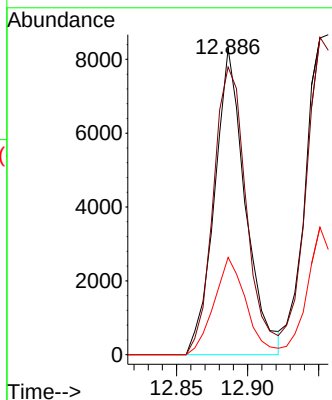
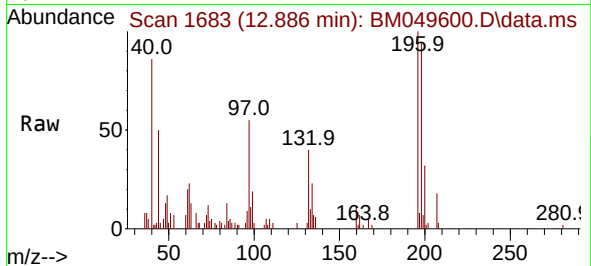




#43
2,4,6-Trichlorophenol
Concen: 2.173 ng
RT: 12.886 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

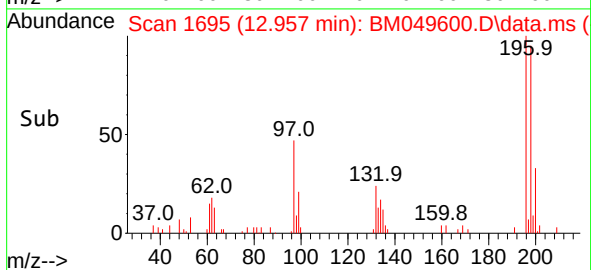
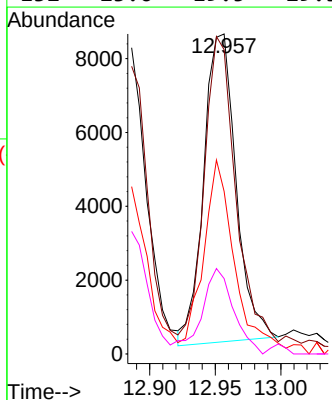
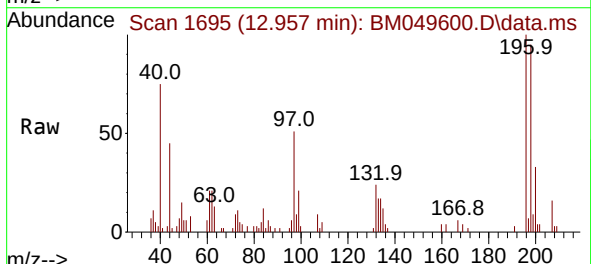
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

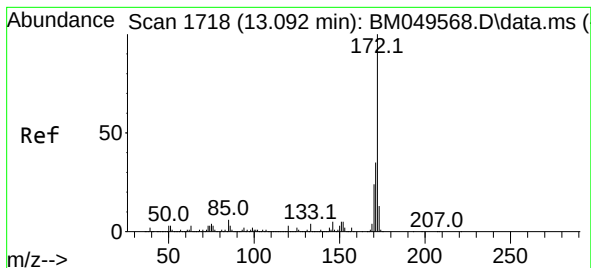
Tgt Ion:196 Resp: 12536
Ion Ratio Lower Upper
196 100
198 93.9 75.4 113.0
200 31.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 2.261 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:196 Resp: 14336
Ion Ratio Lower Upper
196 100
198 95.1 78.4 117.6
97 50.8 37.4 56.0
132 23.6 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 100.531 ng

RT: 13.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

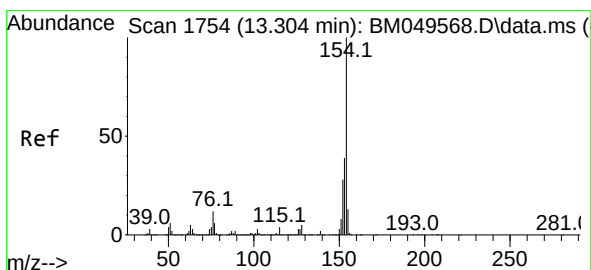
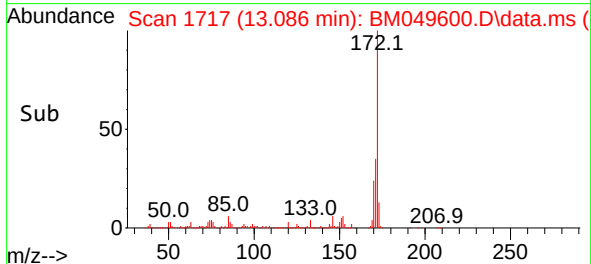
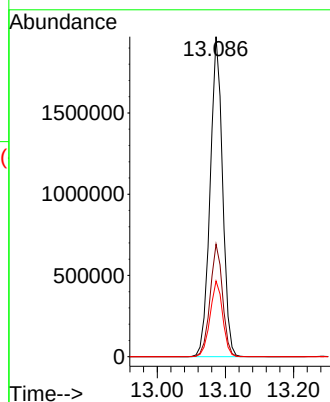
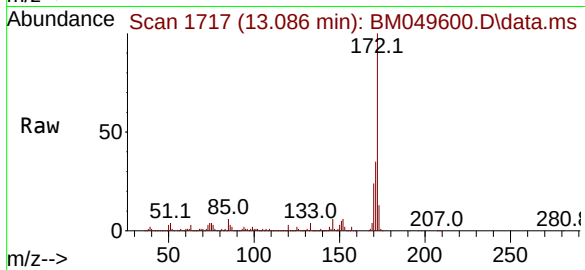
Tgt Ion:172 Resp: 2495166

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 4.311 ng

RT: 13.298 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

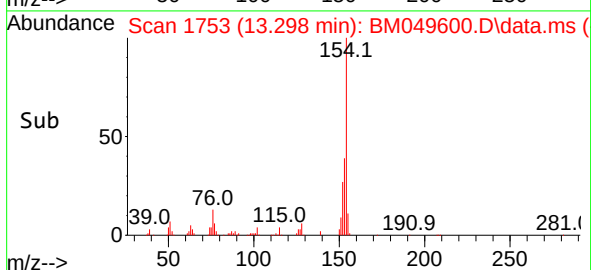
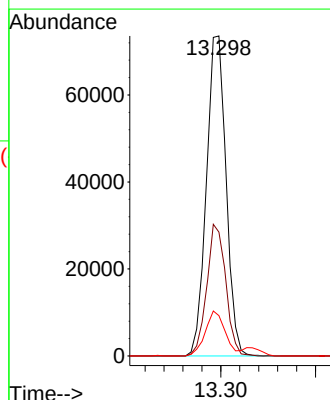
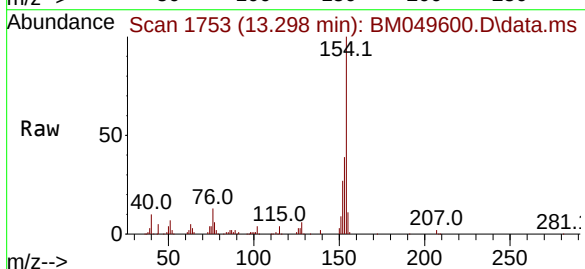
Tgt Ion:154 Resp: 105751

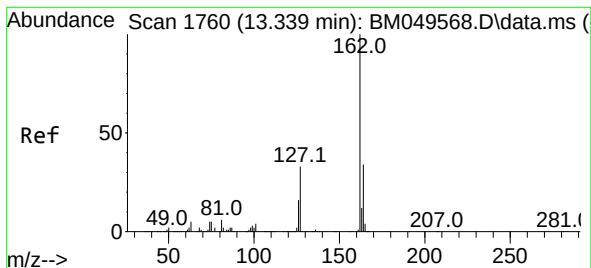
Ion Ratio Lower Upper

154 100

153 38.7 19.5 59.5

76 12.6 0.0 32.1





#47

2-Chloronaphthalene

Concen: 4.169 ng

RT: 13.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

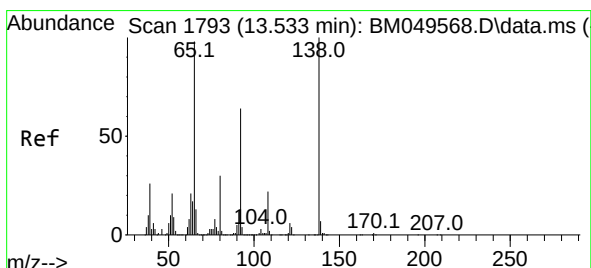
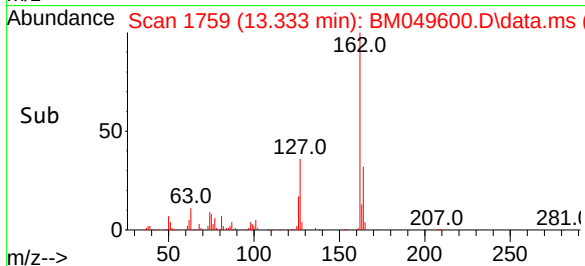
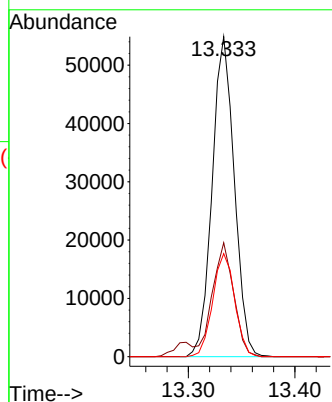
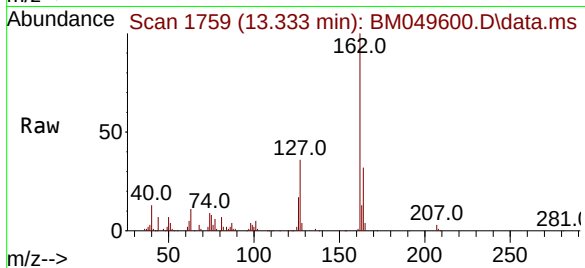
Tgt Ion:162 Resp: 79114

Ion Ratio Lower Upper

162 100

127 35.6 27.9 41.9

164 32.2 26.8 40.2



#48

2-Nitroaniline

Concen: 6.291 ng

RT: 13.527 min Scan# 1792

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

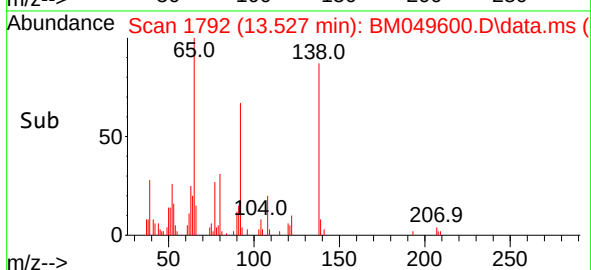
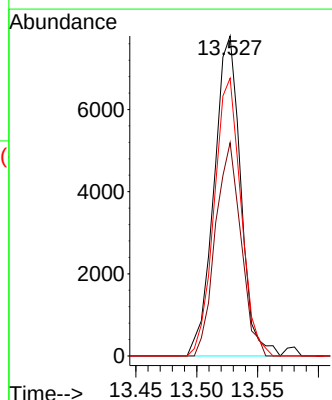
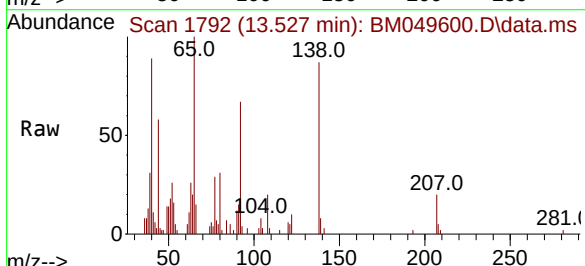
Tgt Ion: 65 Resp: 11848

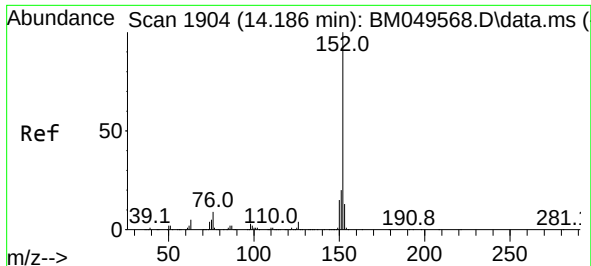
Ion Ratio Lower Upper

65 100

92 66.6 52.0 78.0

138 86.8 81.6 122.4

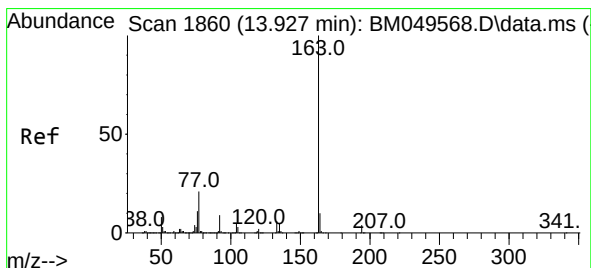
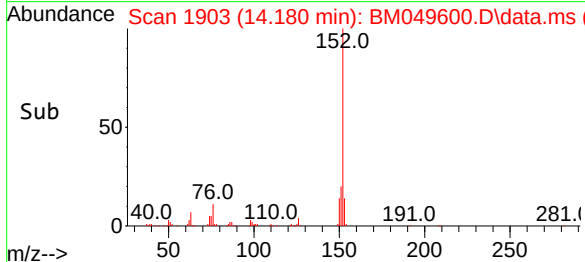
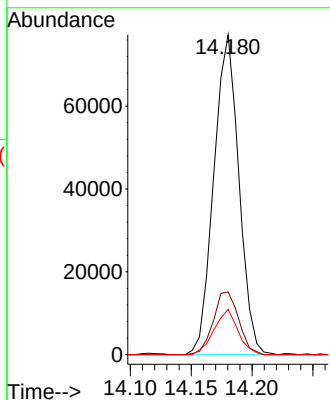
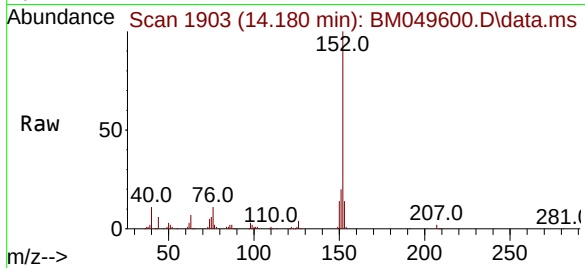




#49
Acenaphthylene
Concen: 3.957 ng
RT: 14.180 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

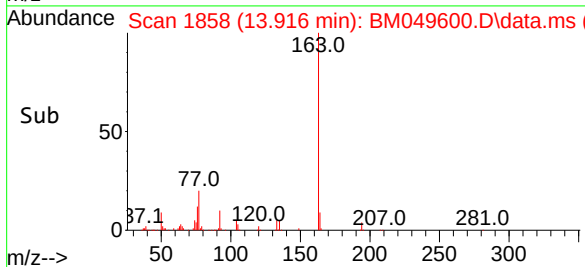
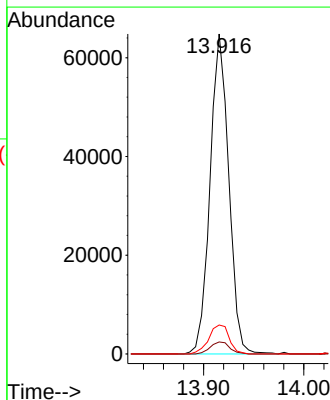
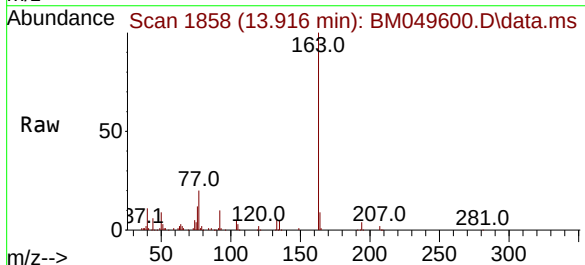
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2025

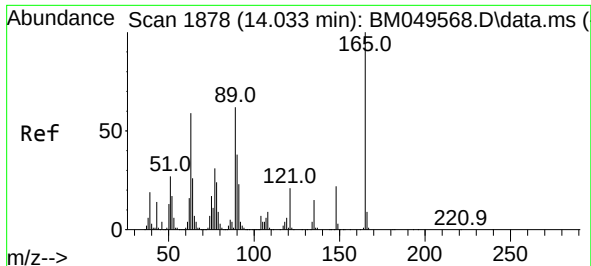
Tgt Ion:152 Resp: 110740
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 14.2 10.6 16.0



#50
Dimethylphthalate
Concen: 3.645 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:163 Resp: 84158
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.1 8.1 12.1

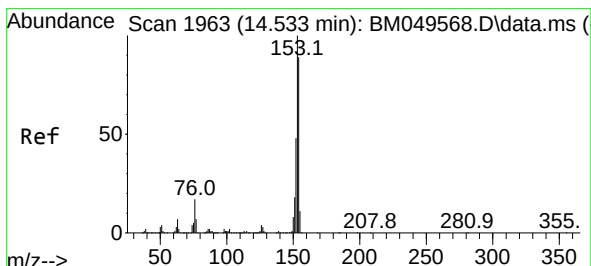
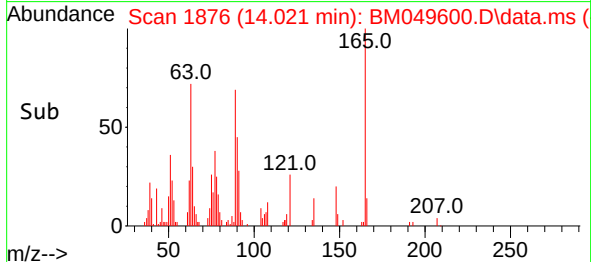
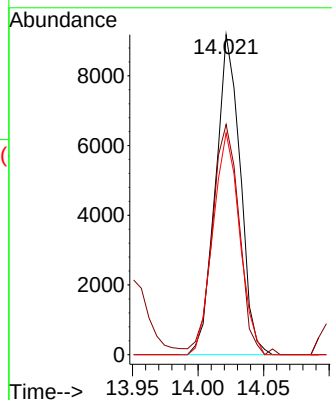
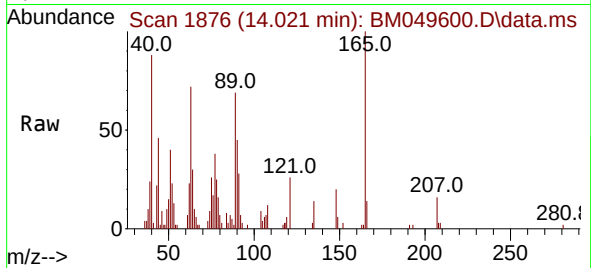




#51
2,6-Dinitrotoluene
Concen: 3.005 ng
RT: 14.021 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

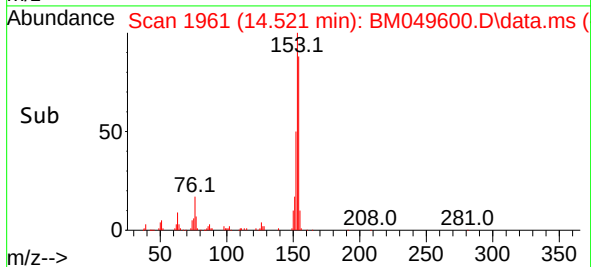
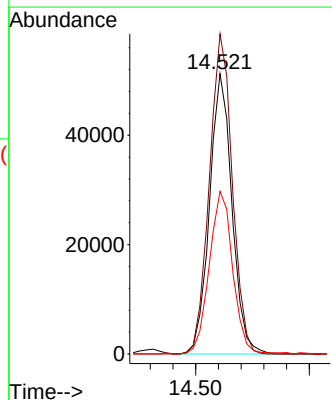
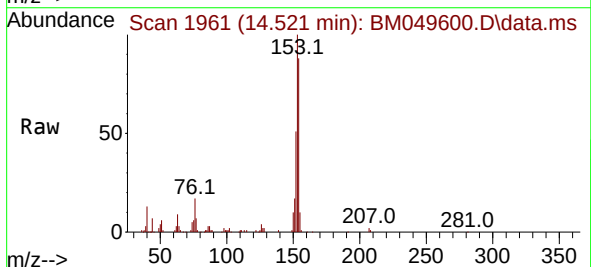
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

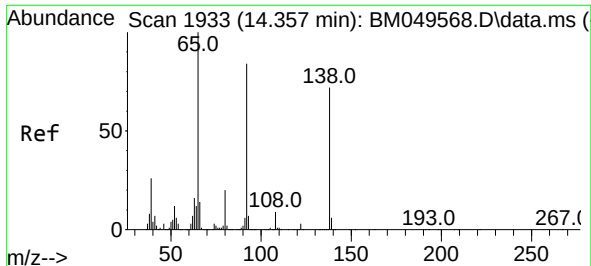
Tgt Ion:165 Resp: 12008
Ion Ratio Lower Upper
165 100
63 72.0 47.8 71.6#
89 69.3 49.2 73.8



#52
Acenaphthene
Concen: 3.782 ng
RT: 14.521 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:154 Resp: 70248
Ion Ratio Lower Upper
154 100
153 114.2 90.0 135.0
152 58.0 43.0 64.4

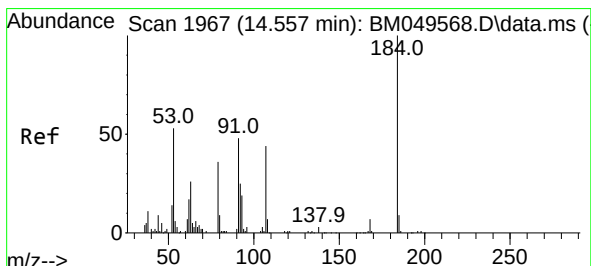
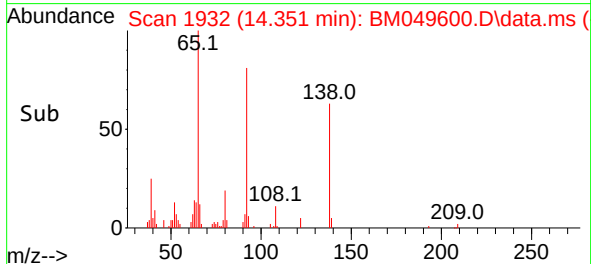
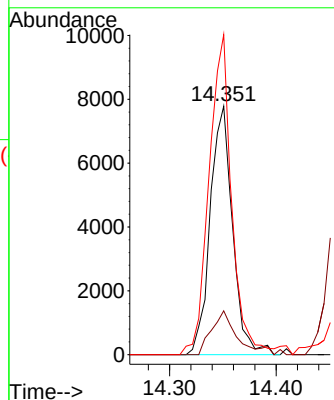
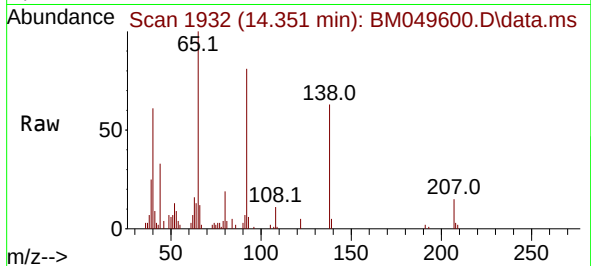




#53
3-Nitroaniline
Concen: 2.807 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

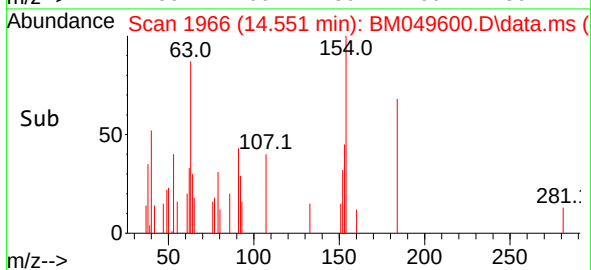
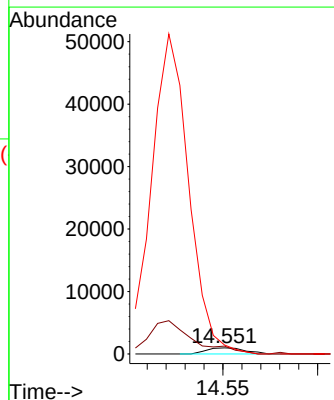
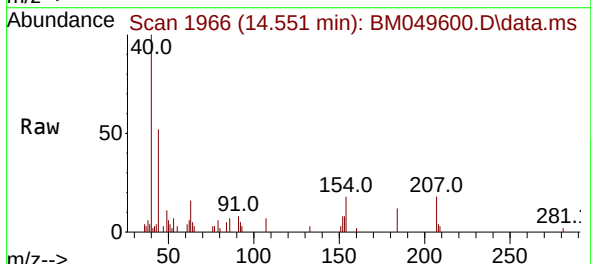
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

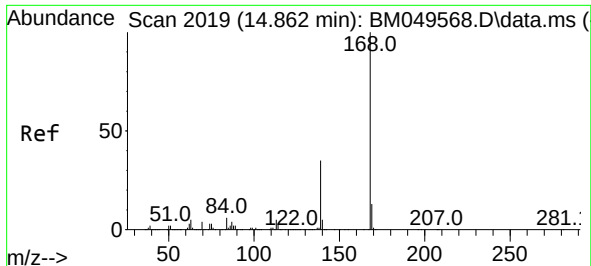
Tgt Ion:138 Resp: 11417
Ion Ratio Lower Upper
138 100
108 17.6 10.3 15.5#
92 128.7 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 4.287 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:184 Resp: 1383
Ion Ratio Lower Upper
184 100
63 127.2 60.2 90.4#
154 146.0 78.2 117.4#

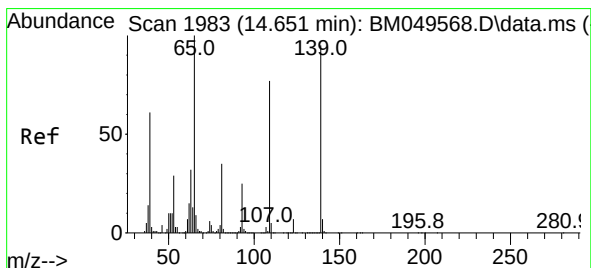
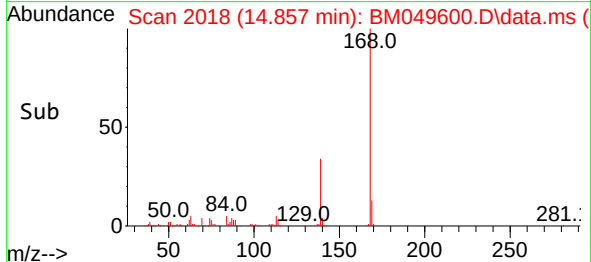
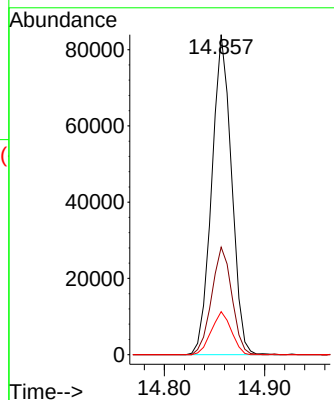
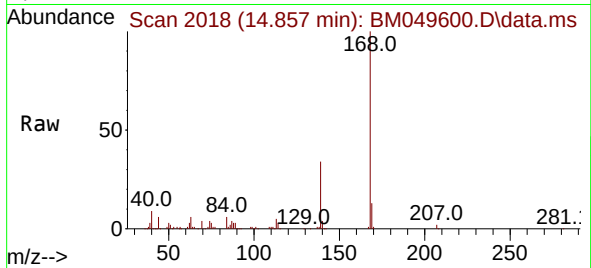




#55
Dibenzenofuran
Concen: 3.896 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

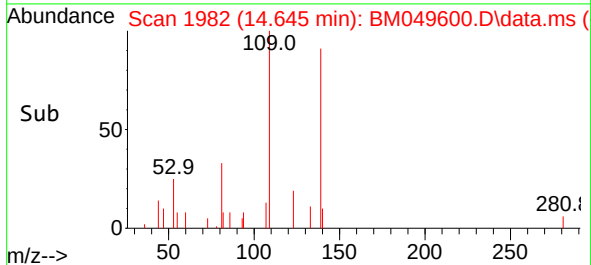
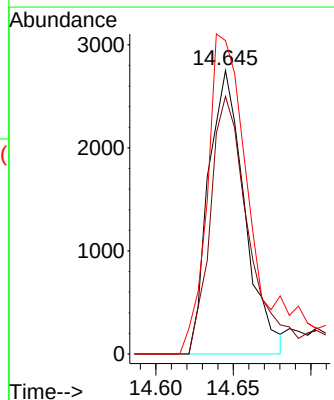
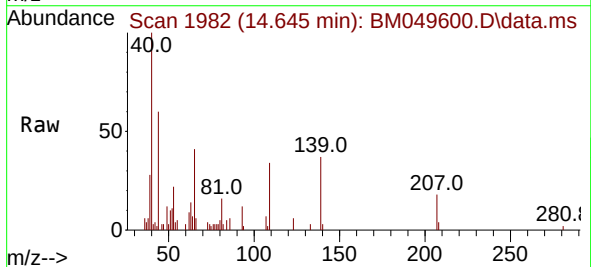
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

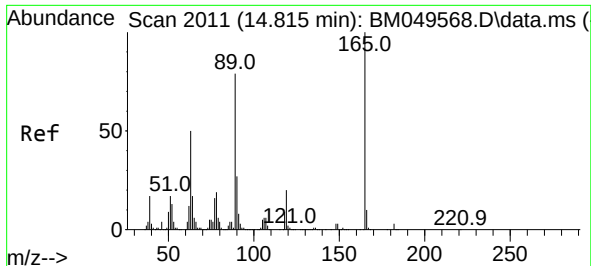
Tgt Ion:168 Resp: 115213
Ion Ratio Lower Upper
168 100
139 33.6 28.4 42.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 1.297 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:139 Resp: 4447
Ion Ratio Lower Upper
139 100
109 90.8 61.4 101.4
65 110.5 85.6 125.6

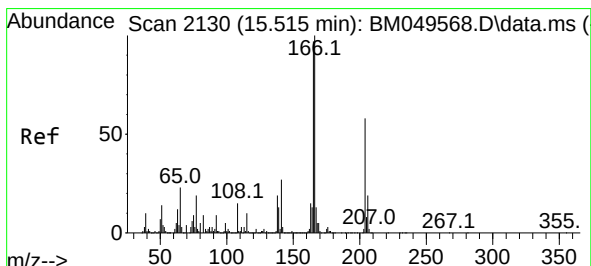
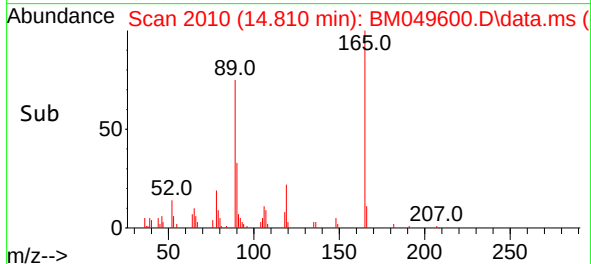
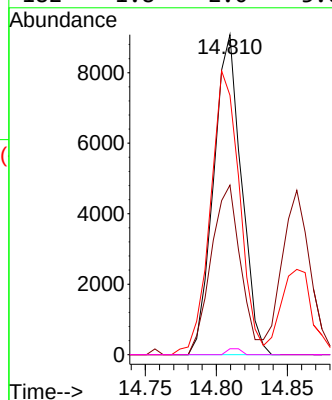
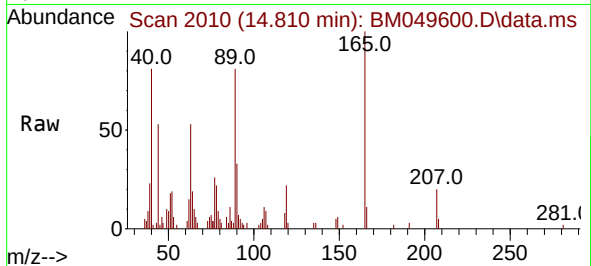




#57
2,4-Dinitrotoluene
Concen: 5.114 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

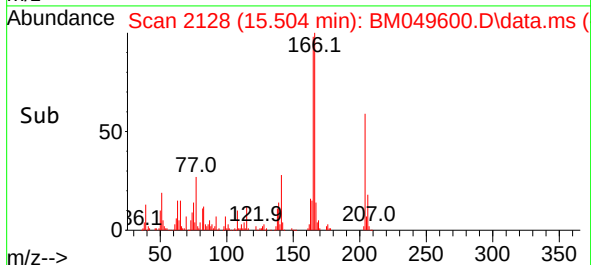
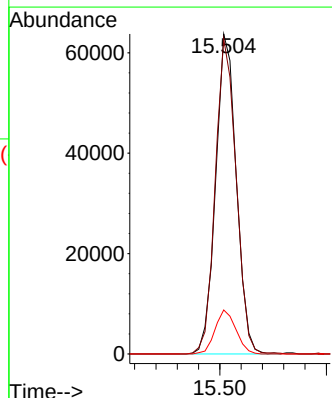
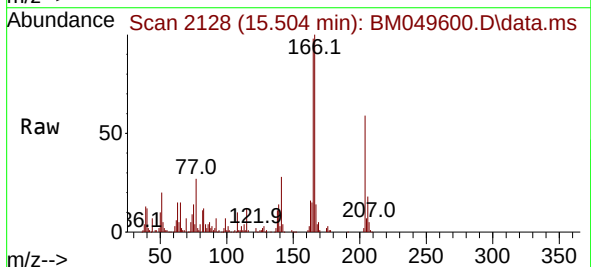
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

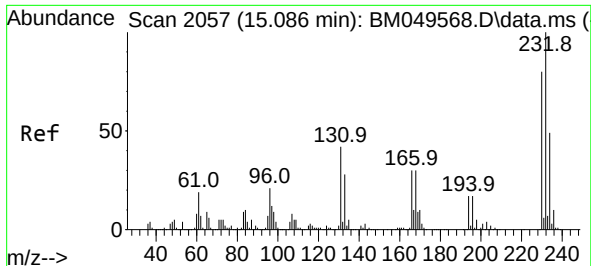
Tgt Ion:165 Resp: 12390
Ion Ratio Lower Upper
165 100
63 53.0 39.8 59.6
89 81.0 63.5 95.3
182 1.8 2.0 3.0#



#58
Fluorene
Concen: 3.390 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

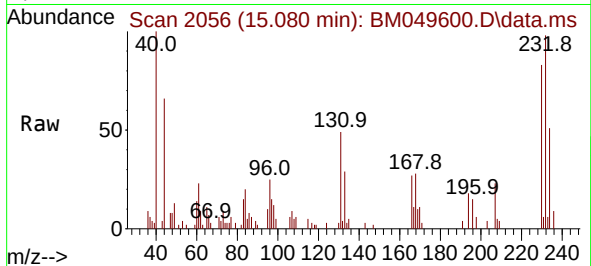
Tgt Ion:166 Resp: 85779
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.8 10.7 16.1



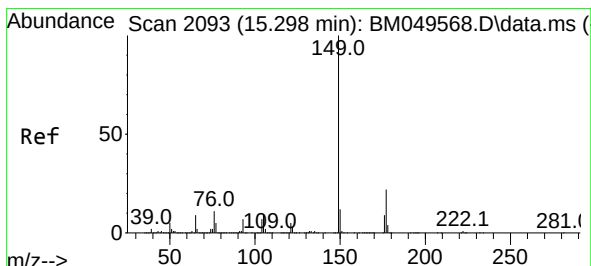
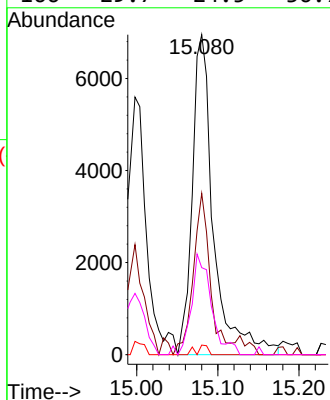
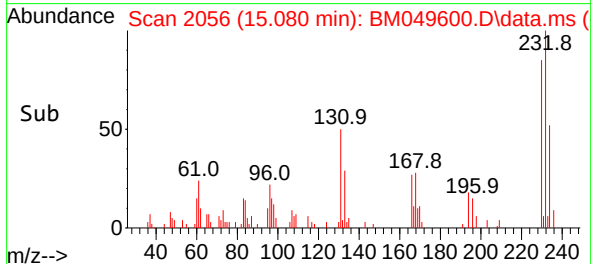


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.361 ng
RT: 15.080 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

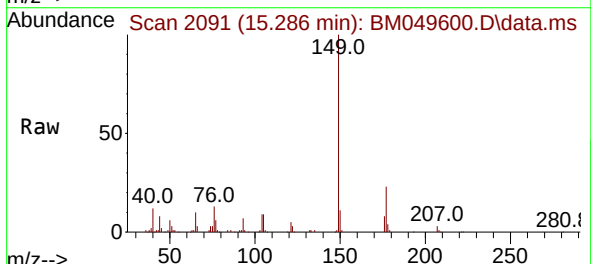
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025



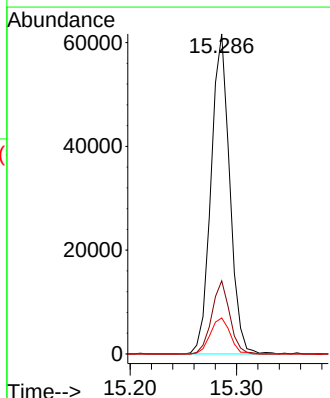
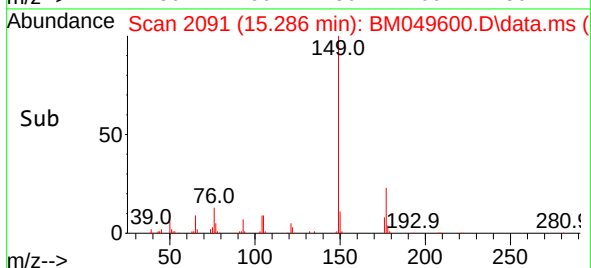
Tgt Ion:232 Resp: 12646
Ion Ratio Lower Upper
232 100
131 40.0 34.5 51.7
130 1.6 1.9 2.9#
166 29.7 24.5 36.7

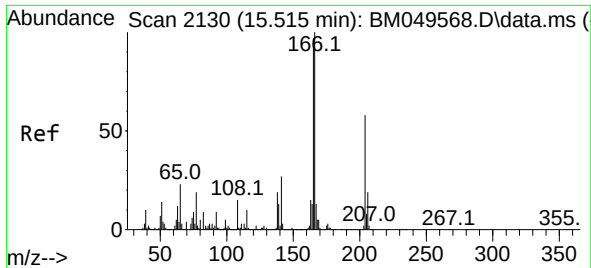


#60
Diethylphthalate
Concen: 3.235 ng
RT: 15.286 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34



Tgt Ion:149 Resp: 75077
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 11.3 9.7 14.5

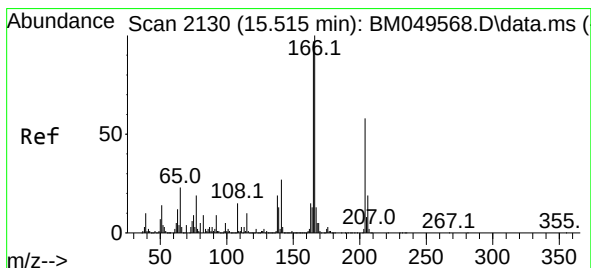
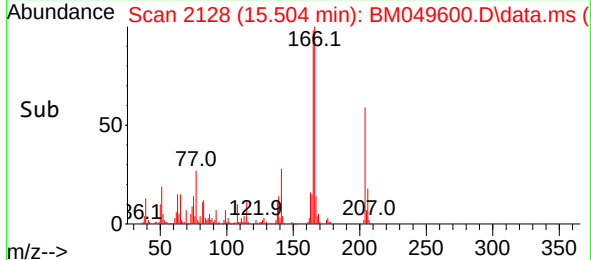
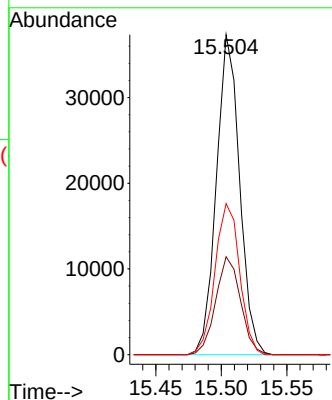
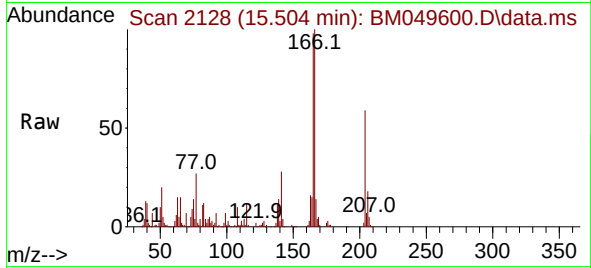




#61
4-Chlorophenyl-phenylether
Concen: 3.408 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

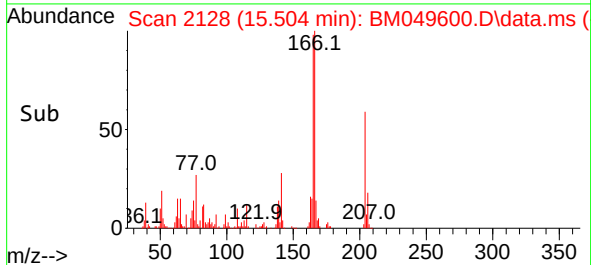
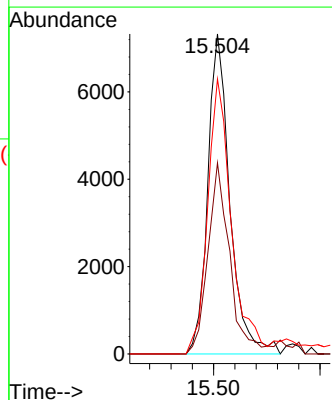
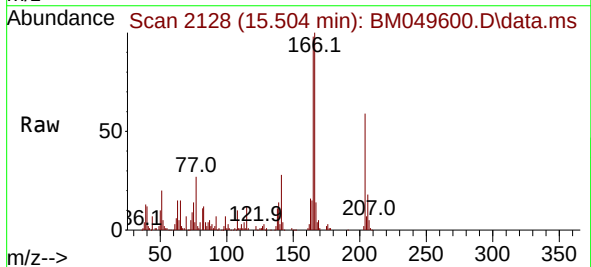
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

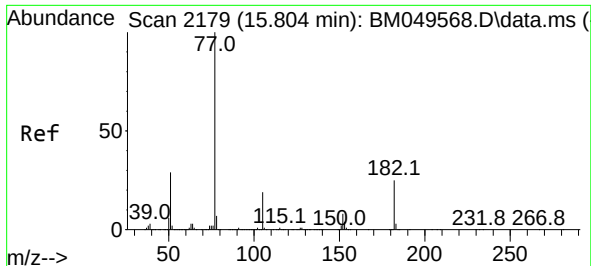
Tgt Ion:204 Resp: 45898
Ion Ratio Lower Upper
204 100
206 30.6 26.0 39.0
141 47.2 37.1 55.7



#62
4-Nitroaniline
Concen: 6.041 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:138 Resp: 10563
Ion Ratio Lower Upper
138 100
92 59.7 29.3 69.3
108 85.9 60.1 100.1

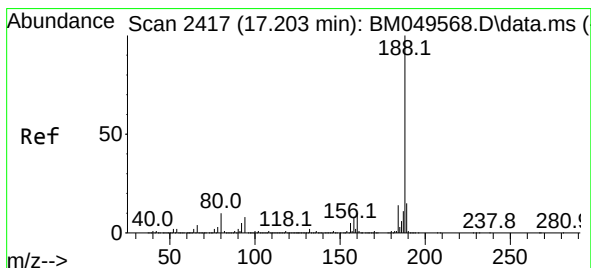
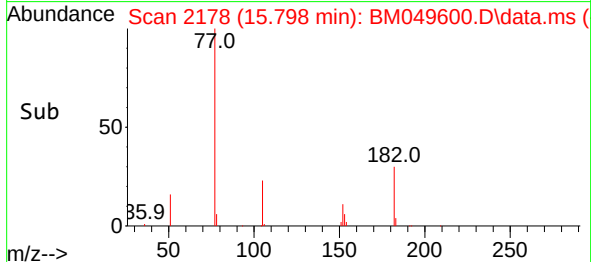
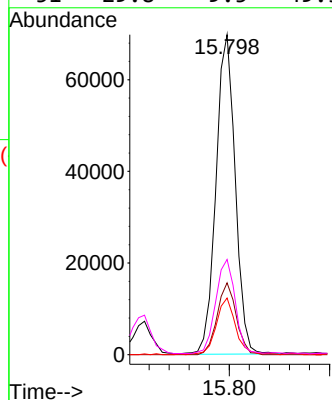
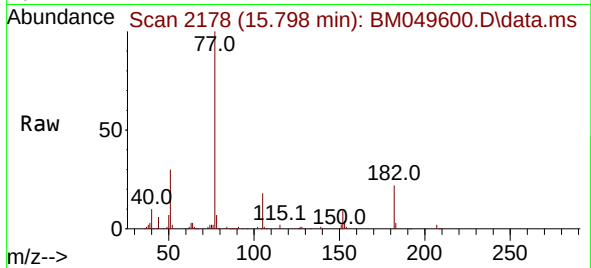




#63
Azobenzene
Concen: 3.836 ng
RT: 15.798 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

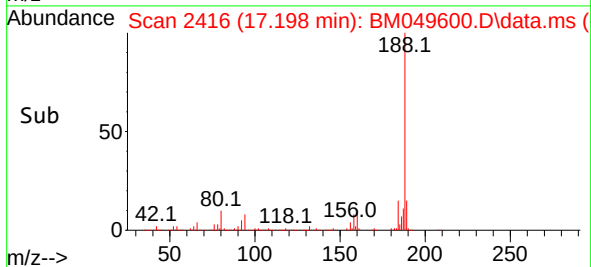
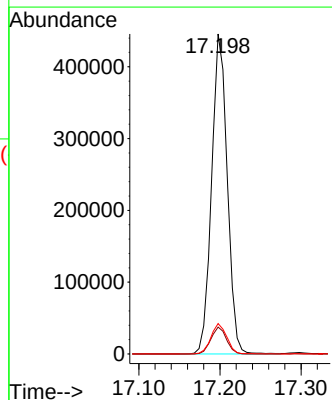
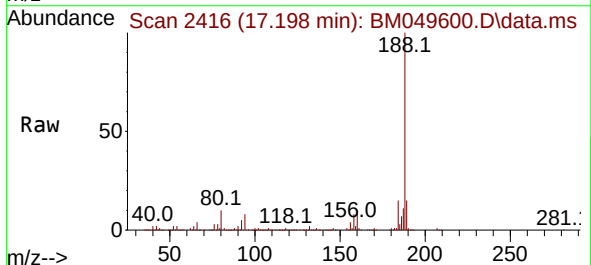
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

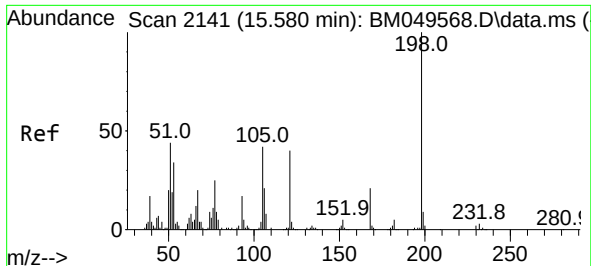
Tgt Ion: 77	Resp: 92904
Ion Ratio	Lower Upper
77 100	
182 22.5	4.7 44.7
105 17.7	0.0 39.3
51 29.8	9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion: 188	Resp: 595293
Ion Ratio	Lower Upper
188 100	
94 8.4	6.7 10.1
80 9.5	7.7 11.5

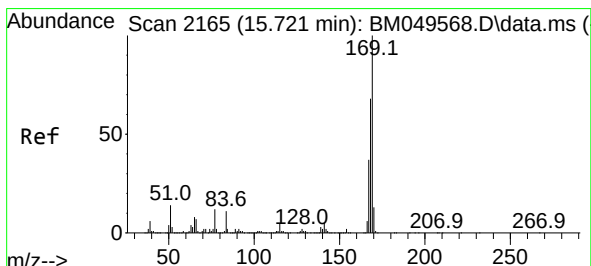
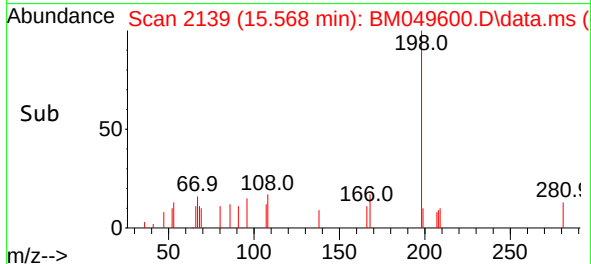
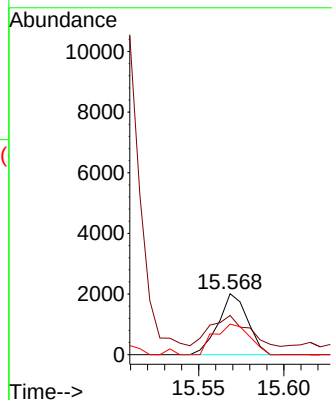
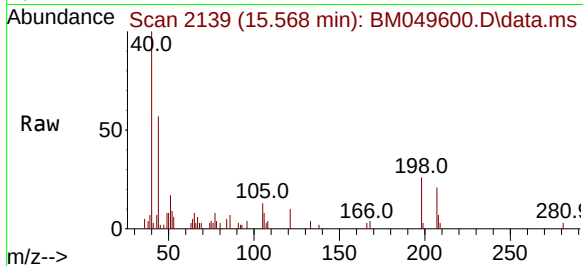




#65
4,6-Dinitro-2-methylphenol
Concen: 5.895 ng
RT: 15.568 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

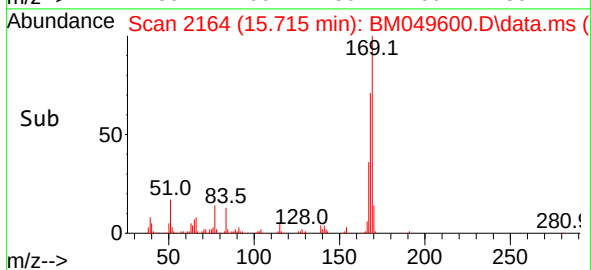
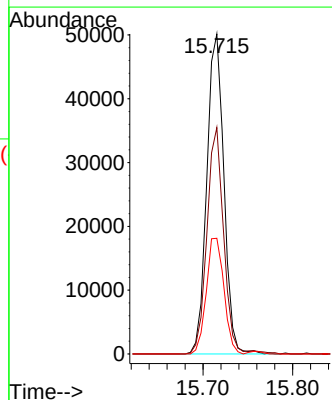
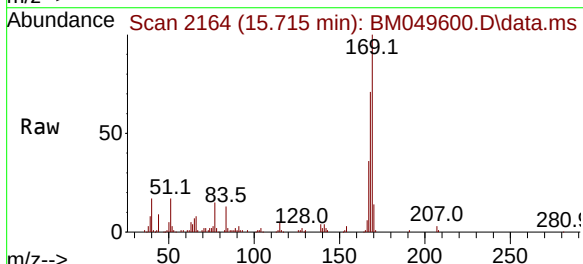
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

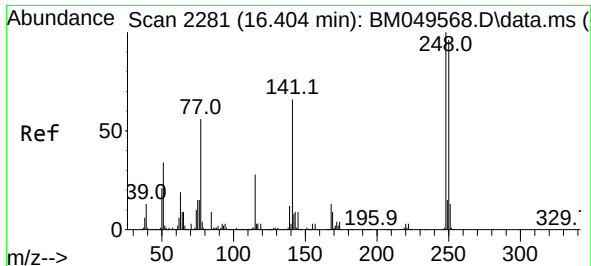
Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.3	26.9	66.9
105	50.0	22.8	62.8



#66
n-Nitrosodiphenylamine
Concen: 3.528 ng
RT: 15.715 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.7	54.2	81.4
167	36.2	29.5	44.3

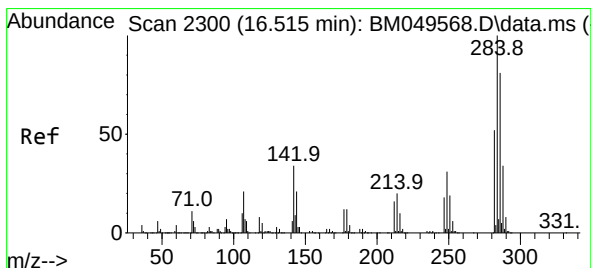
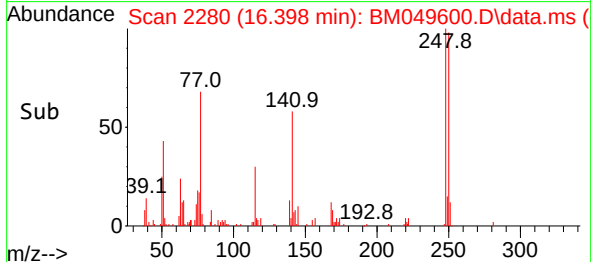
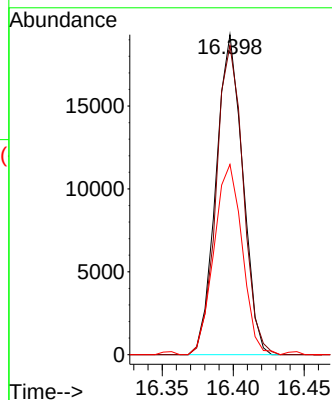
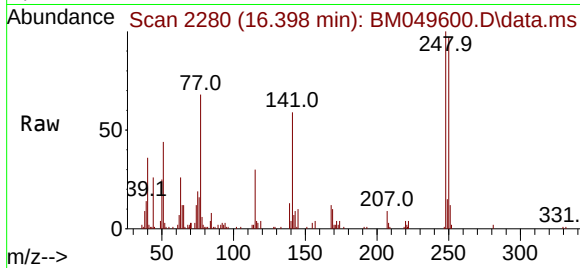




#67
4-Bromophenyl-phenylether
Concen: 3.655 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

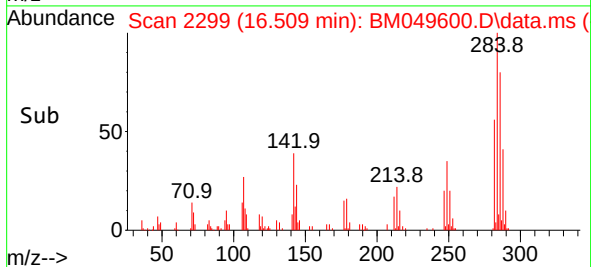
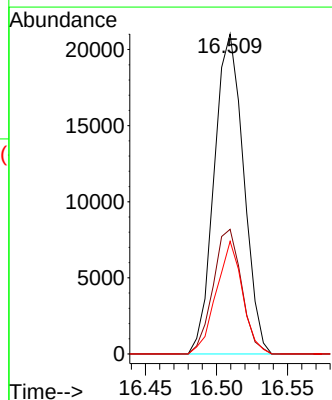
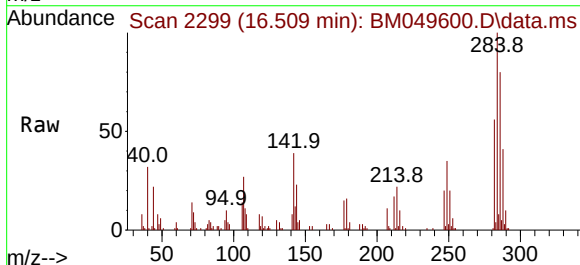
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

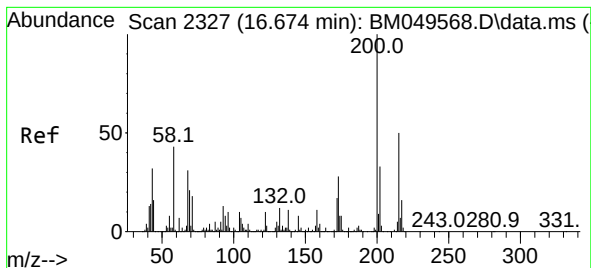
Tgt Ion:248 Resp: 25277
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.4
141 59.4 53.0 79.4



#68
Hexachlorobenzene
Concen: 3.814 ng
RT: 16.509 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:284 Resp: 30275
Ion Ratio Lower Upper
284 100
142 38.9 27.1 40.7
249 35.2 24.6 36.8





#69

Atrazine

Concen: 3.042 ng

RT: 16.662 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

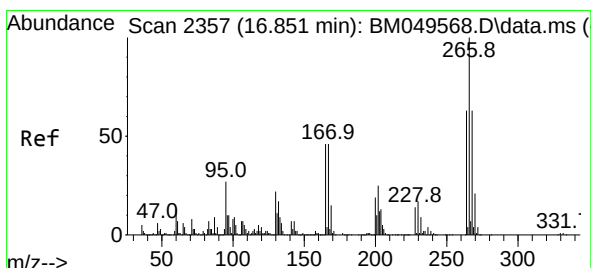
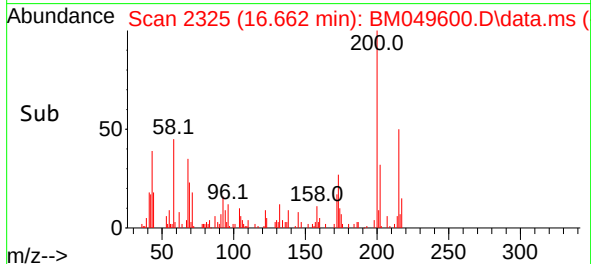
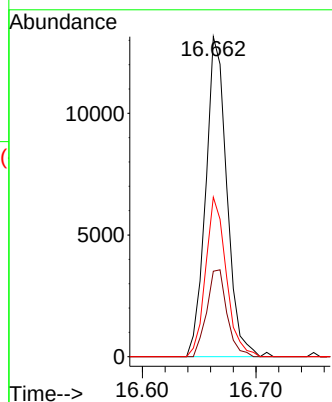
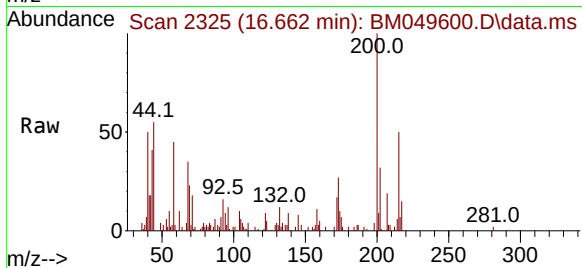
Tgt Ion:200 Resp: 16978

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

215 49.8 30.2 70.2



#70

Pentachlorophenol

Concen: 8.848 ng

RT: 16.845 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

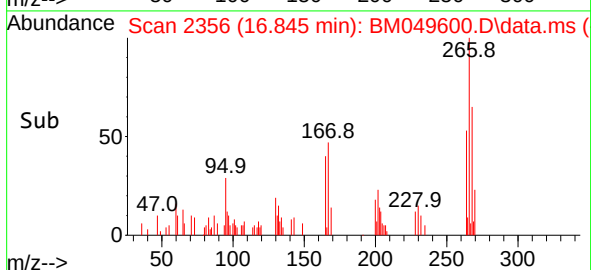
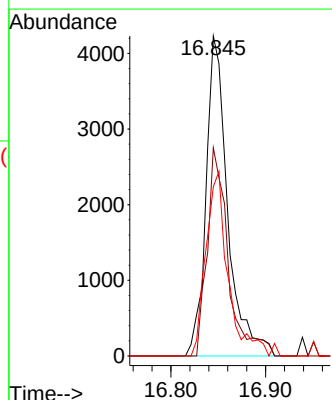
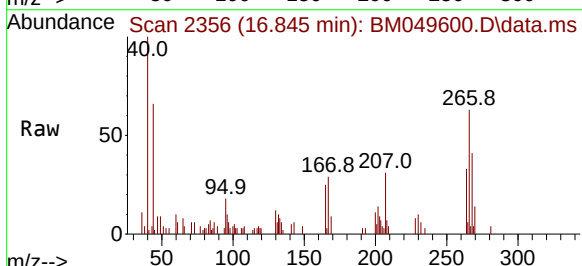
Tgt Ion:266 Resp: 6730

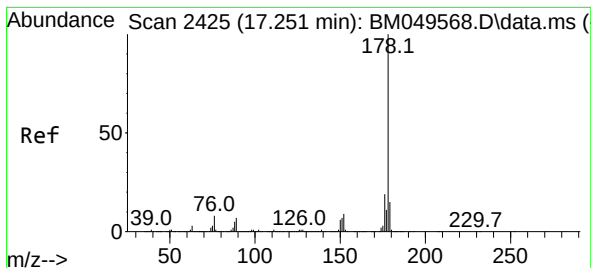
Ion Ratio Lower Upper

266 100

268 65.0 50.8 76.2

264 61.7 50.0 75.0





#71

Phenanthrene

Concen: 3.898 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

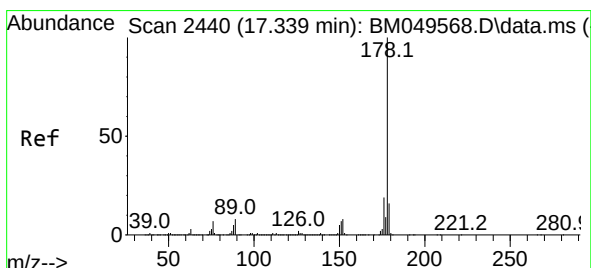
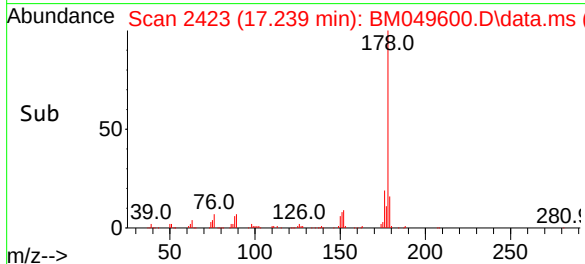
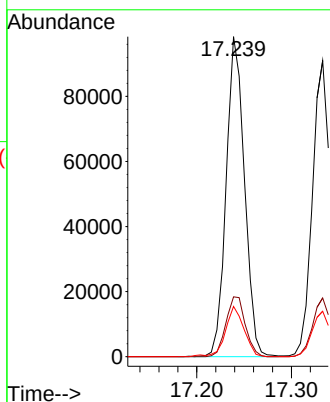
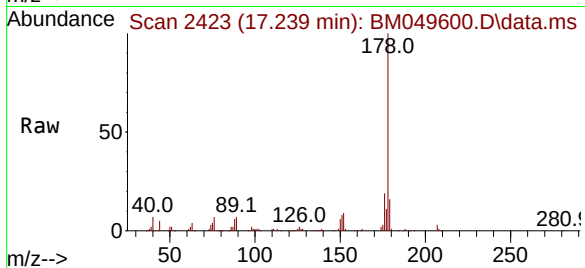
Tgt Ion:178 Resp: 132182

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.7 12.2 18.2



#72

Anthracene

Concen: 3.695 ng

RT: 17.333 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

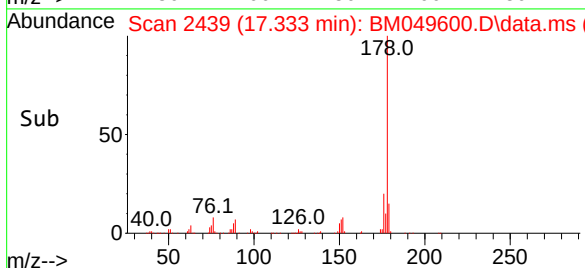
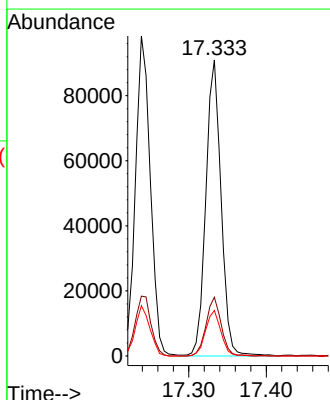
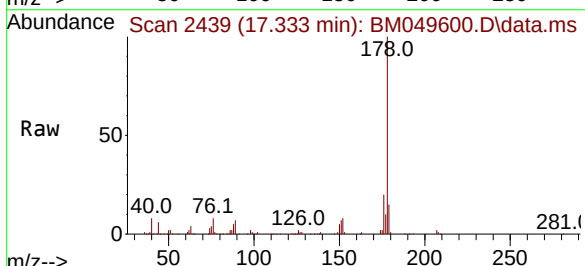
Tgt Ion:178 Resp: 124084

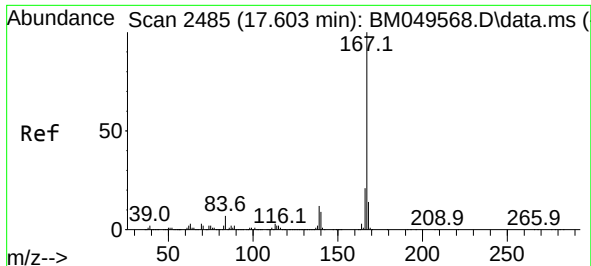
Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

179 15.4 12.4 18.6

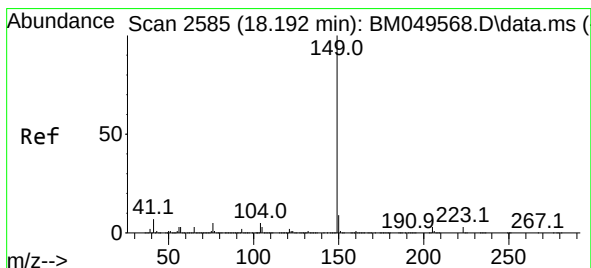
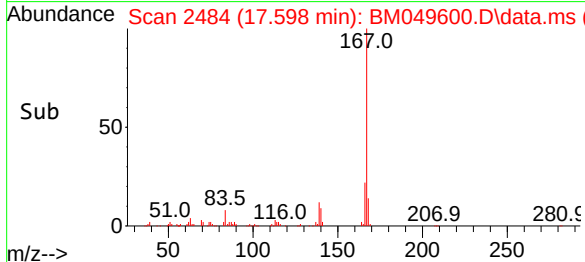
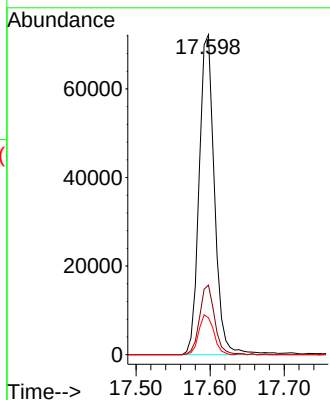
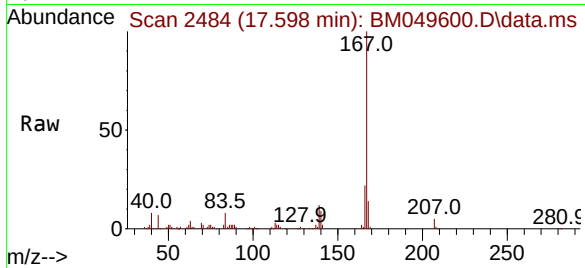




#73
 Carbazole
 Concen: 3.531 ng
 RT: 17.598 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

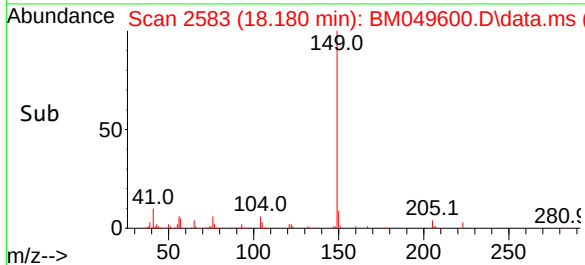
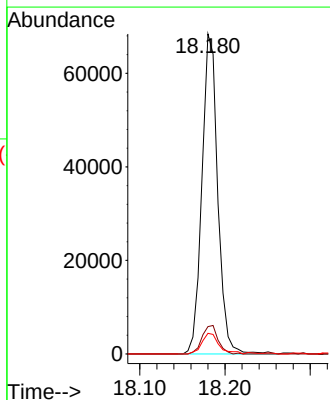
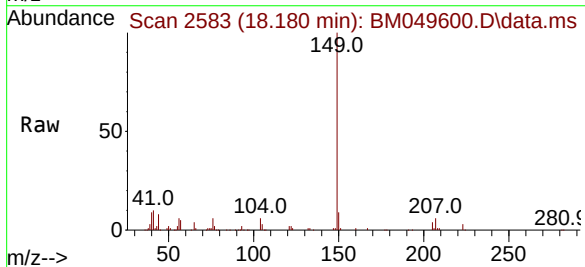
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

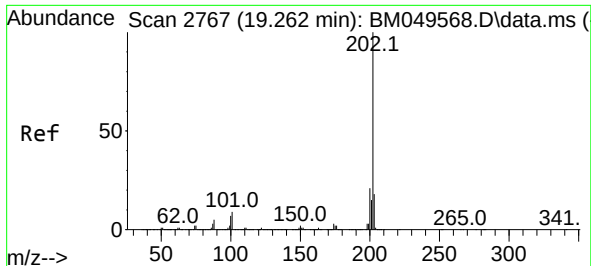
Tgt Ion:167 Resp: 104073
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 11.6 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 2.358 ng
 RT: 18.180 min Scan# 2583
 Delta R.T. -0.012 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

Tgt Ion:149 Resp: 88199
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.5 4.1 6.1#

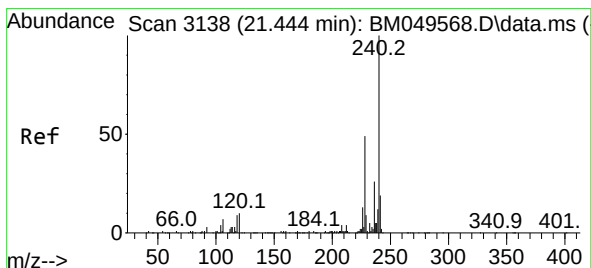
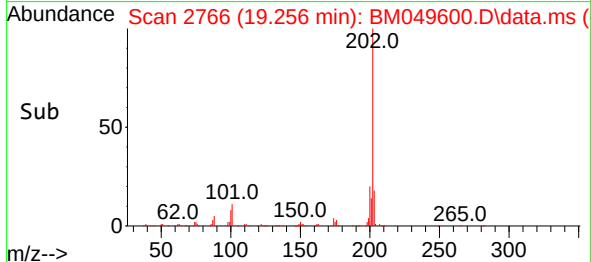
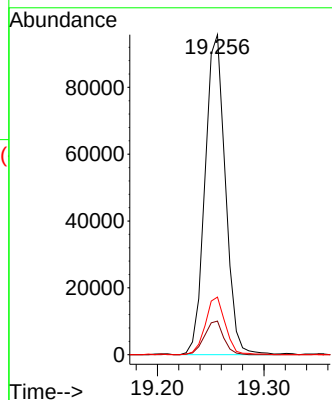
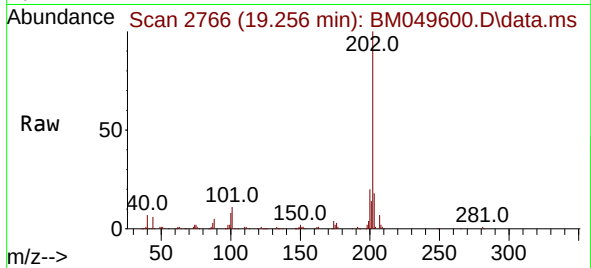




#75
Fluoranthene
Concen: 3.207 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

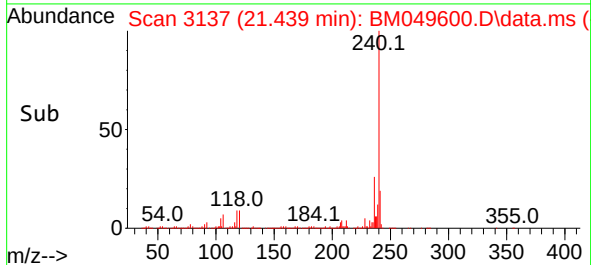
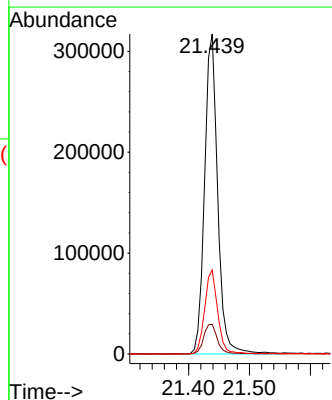
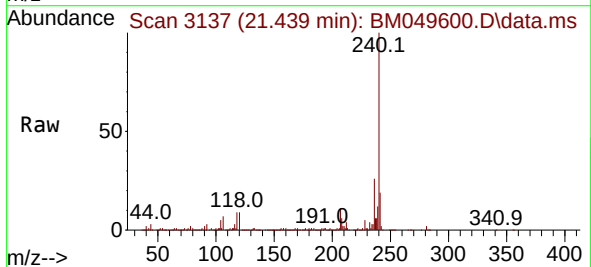
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

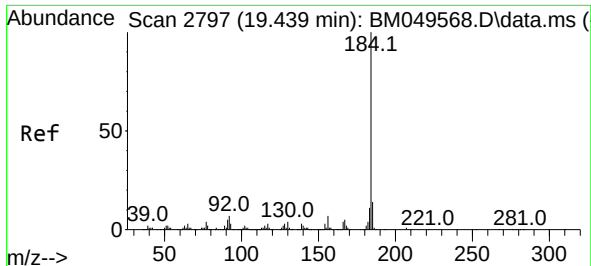
Tgt Ion:202 Resp: 127325
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.1
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:240 Resp: 474216
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.8
236 26.2 20.6 31.0

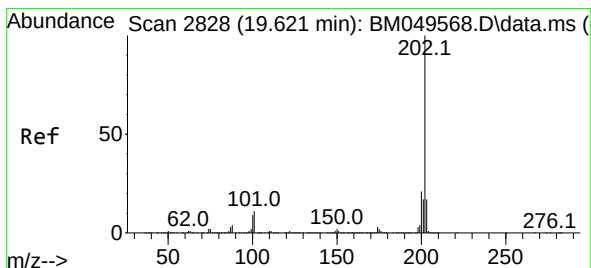
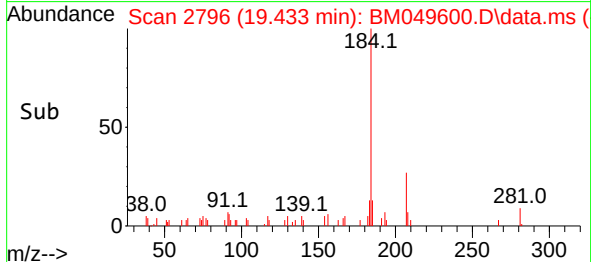
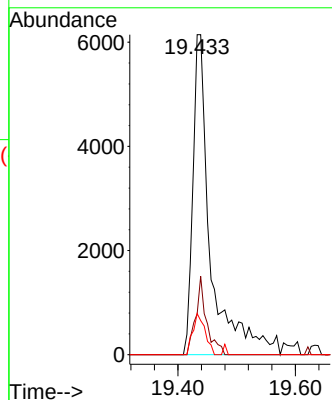
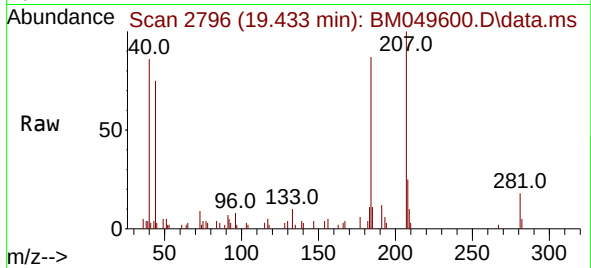




#77
Benzidine
Concen: 3.068 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

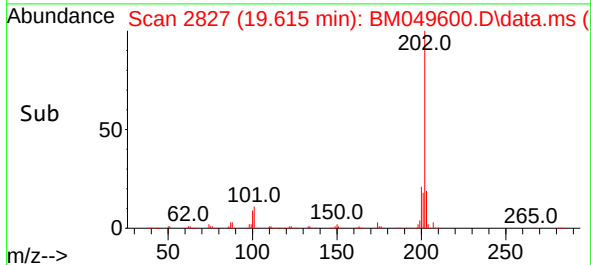
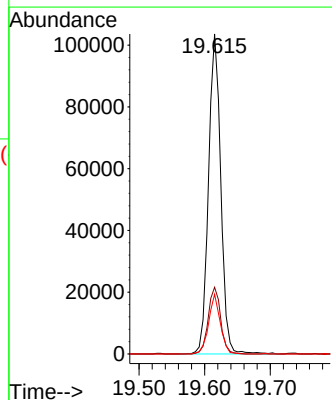
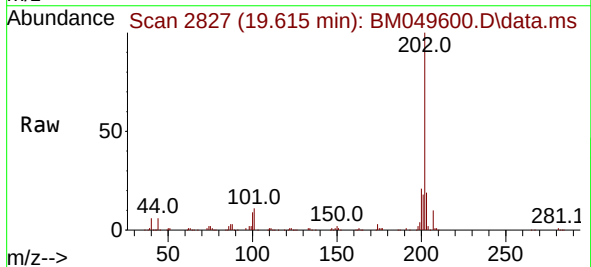
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

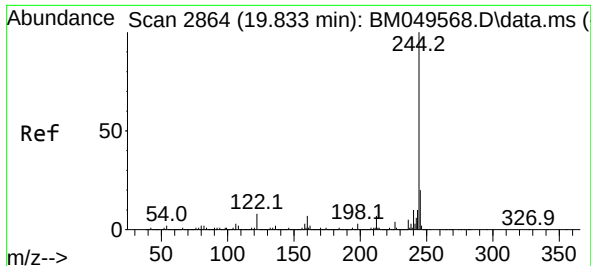
Tgt Ion:184	Resp:	12886
Ion Ratio	Lower	Upper
184	100	
185	12.8	11.6 17.4
183	12.9	8.9 13.3



#78
Pyrene
Concen: 3.801 ng
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:202	Resp:	134977
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.8 25.2
203	18.7	13.8 20.8

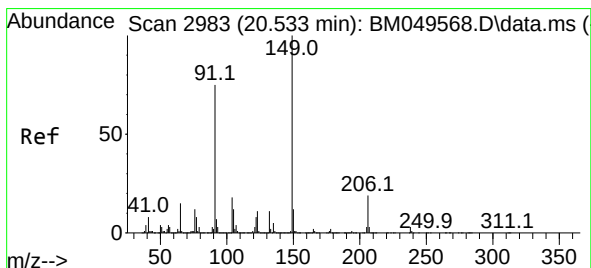
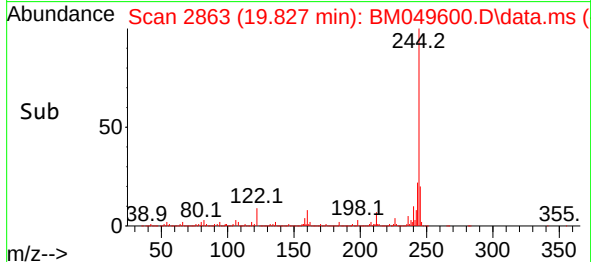
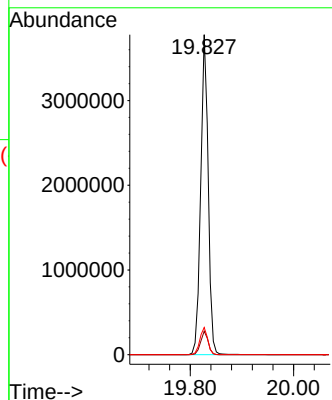
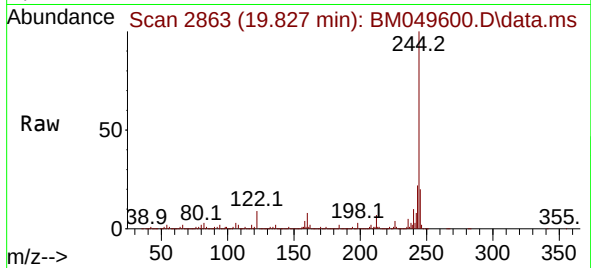




#79
 Terphenyl-d14
 Concen: 121.869 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

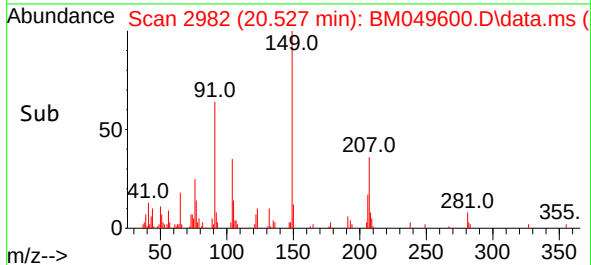
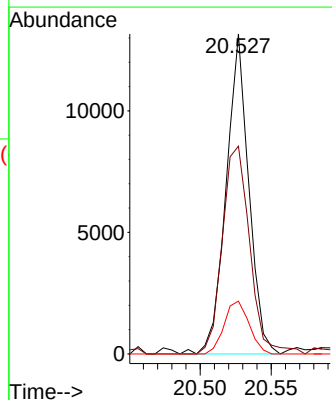
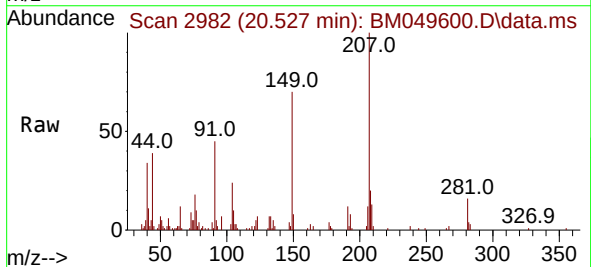
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2025

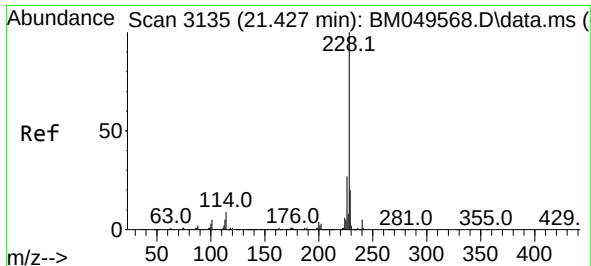
Tgt Ion:244 Resp: 3784585
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 8.5 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 1.320 ng
 RT: 20.527 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BM049600.D
 Acq: 07 Feb 2025 13:34

Tgt Ion:149 Resp: 14588
 Ion Ratio Lower Upper
 149 100
 91 64.9 60.2 90.2
 206 16.5 15.4 23.0

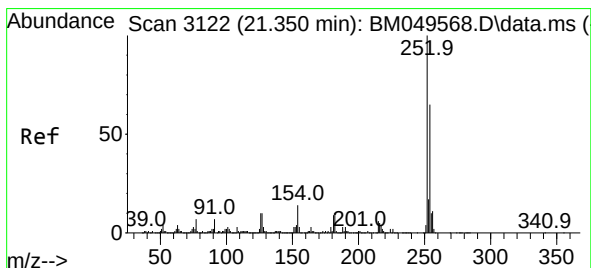
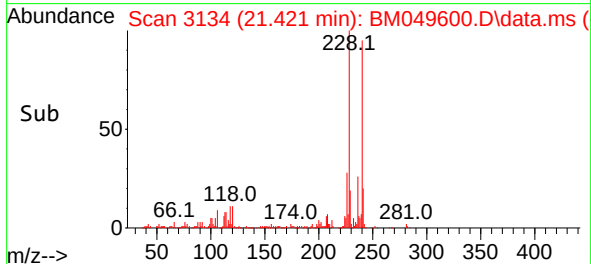
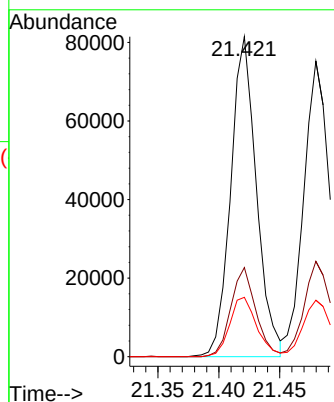
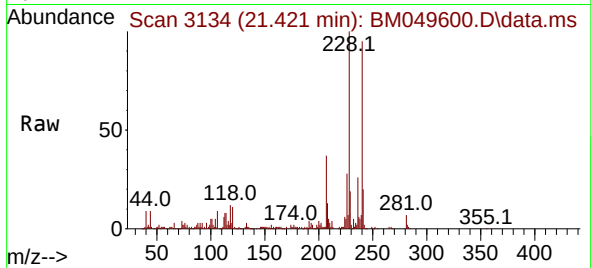




#81
Benzo(a)anthracene
Concen: 3.731 ng
RT: 21.421 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

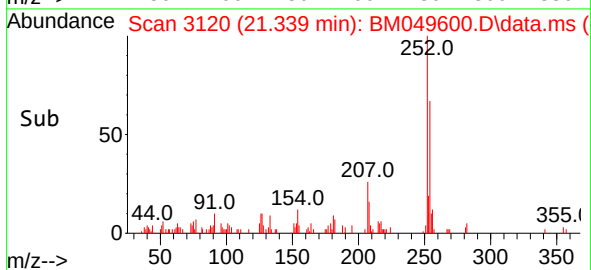
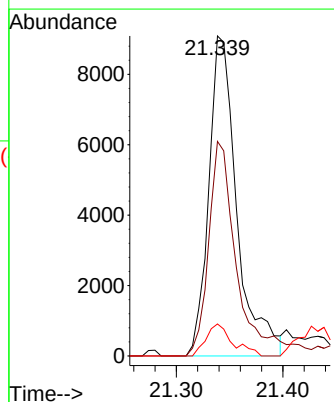
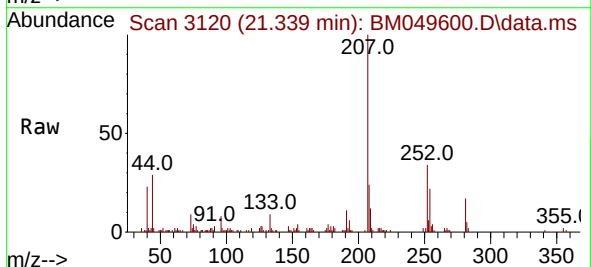
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

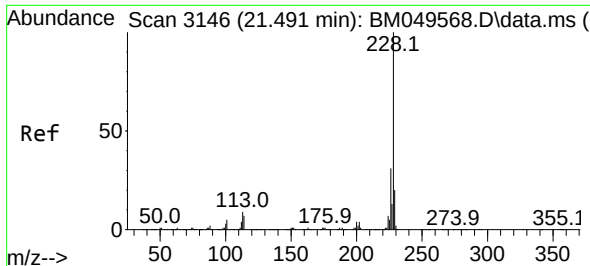
Tgt Ion:228 Resp: 119904
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 18.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 1.931 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:252 Resp: 16702
Ion Ratio Lower Upper
252 100
254 67.0 52.1 78.1
126 10.0 7.8 11.6





#83

Chrysene

Concen: 3.804 ng

RT: 21.480 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2025

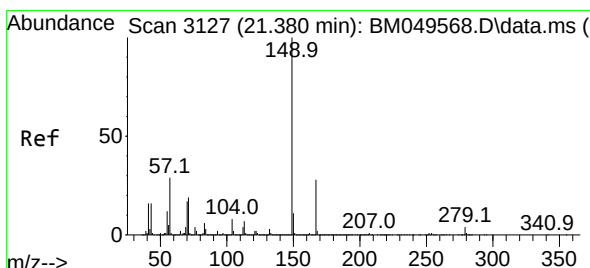
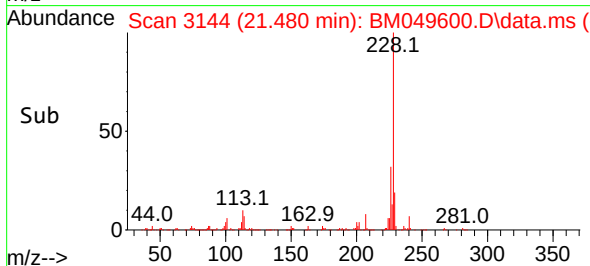
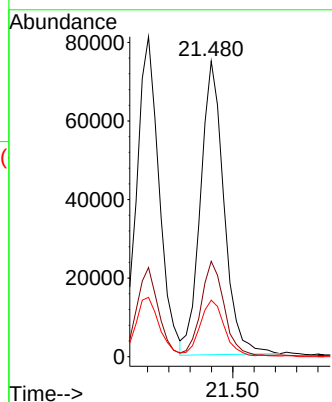
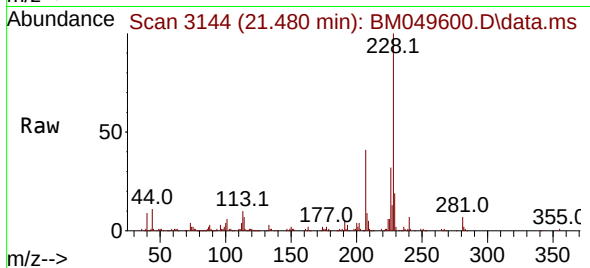
Tgt Ion:228 Resp: 114527

Ion Ratio Lower Upper

228 100

226 32.3 24.5 36.7

229 19.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.402 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM049600.D

Acq: 07 Feb 2025 13:34

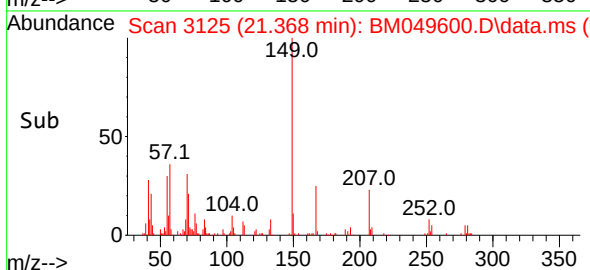
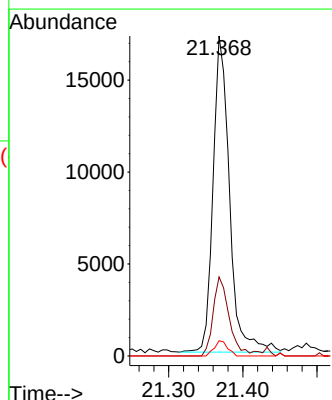
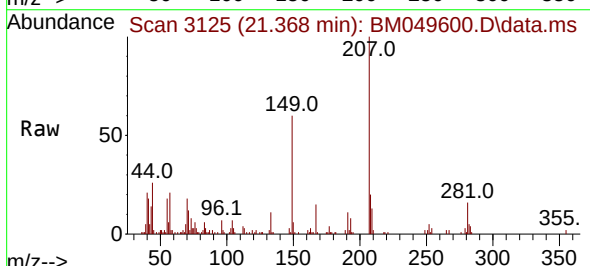
Tgt Ion:149 Resp: 26563

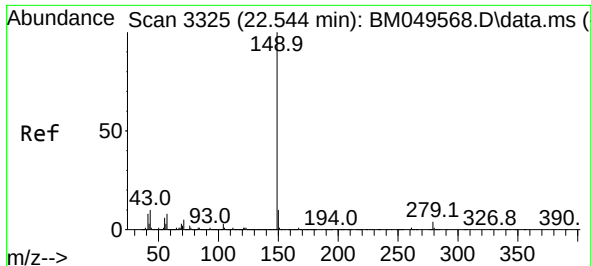
Ion Ratio Lower Upper

149 100

167 24.7 22.1 33.1

279 4.8 3.0 4.4#

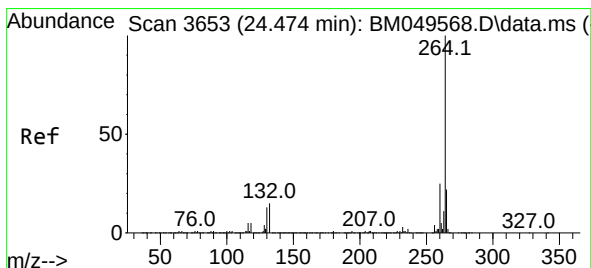
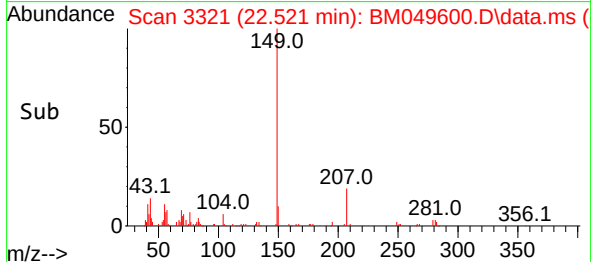
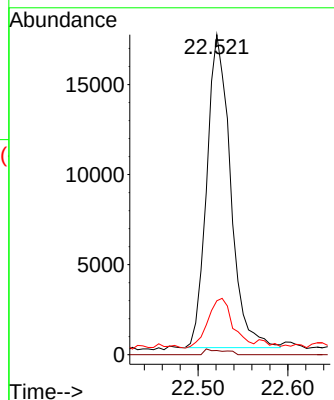
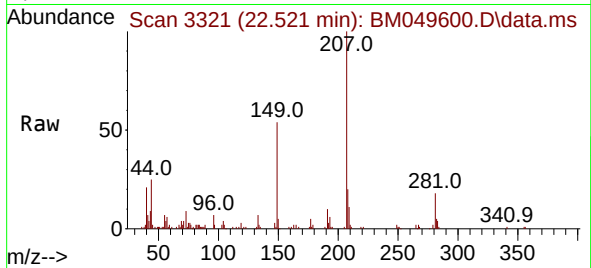




#85
Di-n-octyl phthalate
Concen: 1.070 ng
RT: 22.521 min Scan# 31963
Delta R.T. -0.023 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

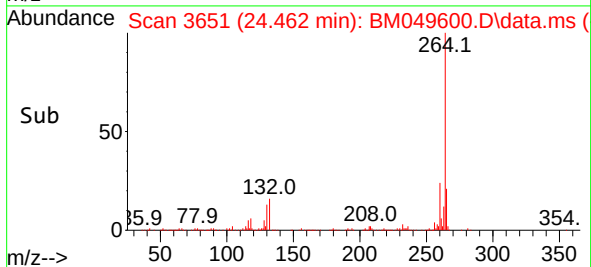
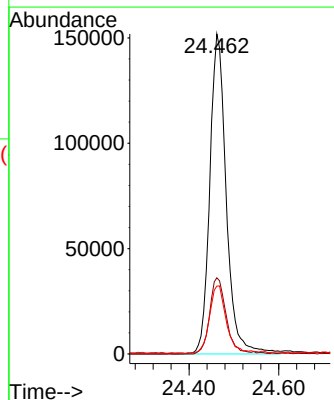
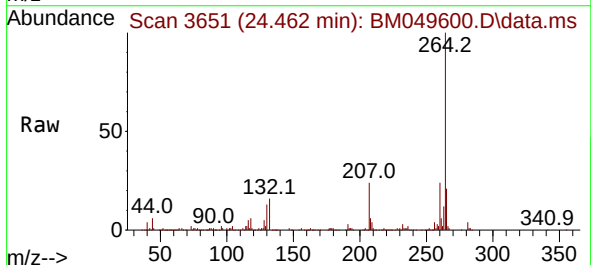
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

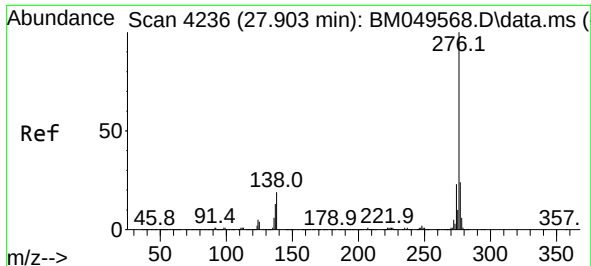
Tgt Ion:149 Resp: 31963
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.9 8.5 12.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:264 Resp: 386991
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 21.2 17.5 26.3

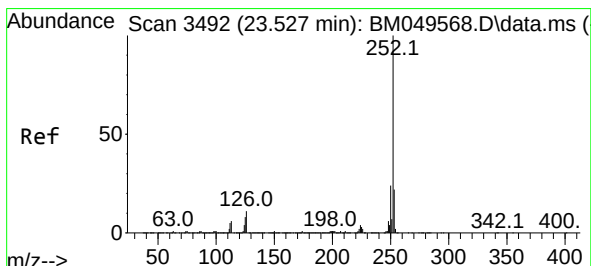
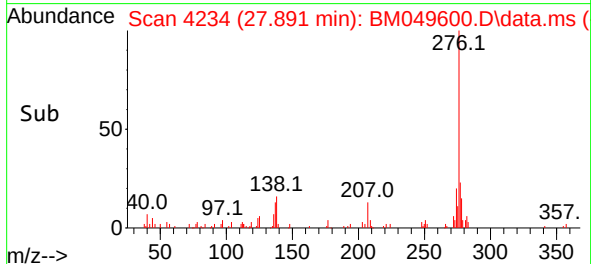
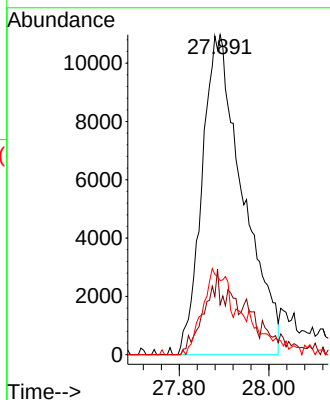
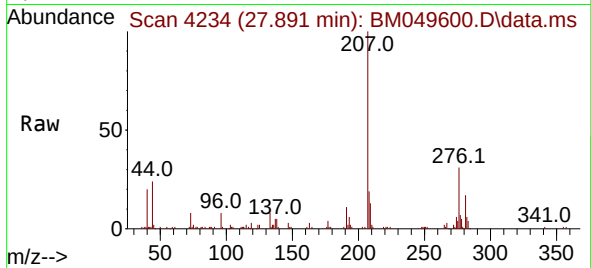




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.274 ng
RT: 27.891 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

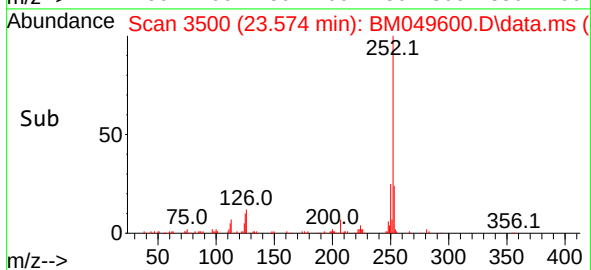
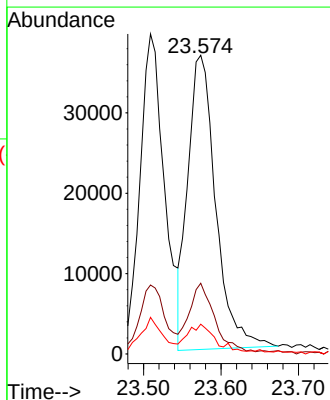
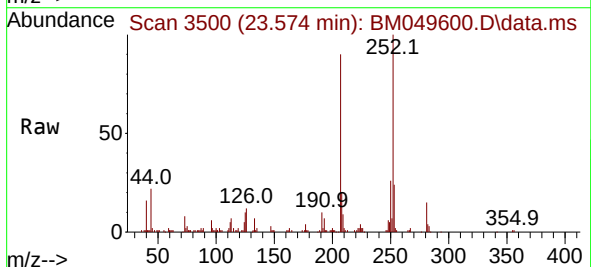
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

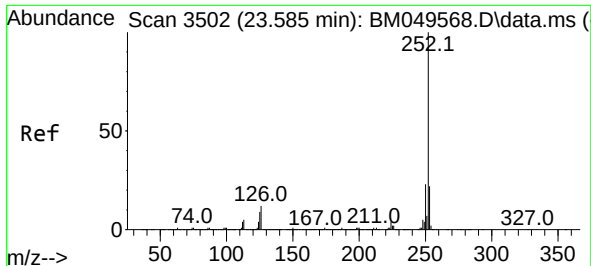
Tgt Ion:276 Resp: 69192
Ion Ratio Lower Upper
276 100
138 11.8 13.1 19.7#
277 16.8 19.9 29.9#



#88
Benzo(b)fluoranthene
Concen: 3.431 ng
RT: 23.574 min Scan# 3500
Delta R.T. 0.047 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:252 Resp: 91346
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 9.9 6.6 10.0

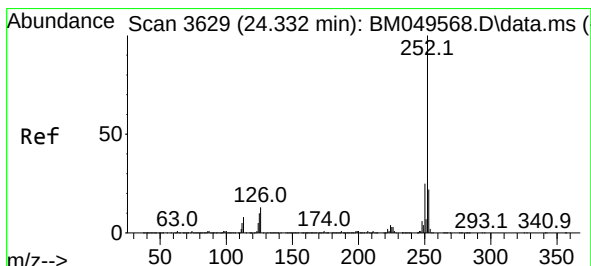
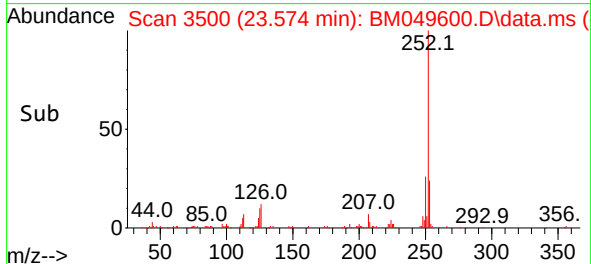
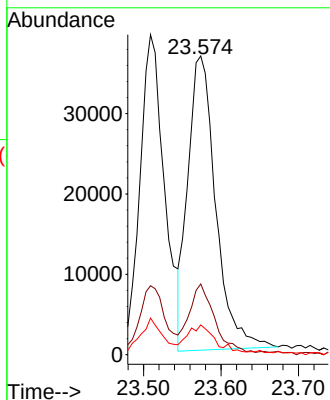
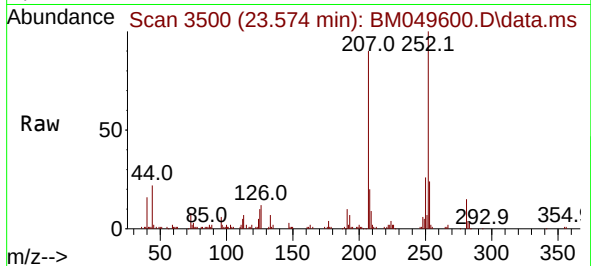




#89
Benzo(k)fluoranthene
Concen: 3.533 ng
RT: 23.574 min Scan# 3500
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

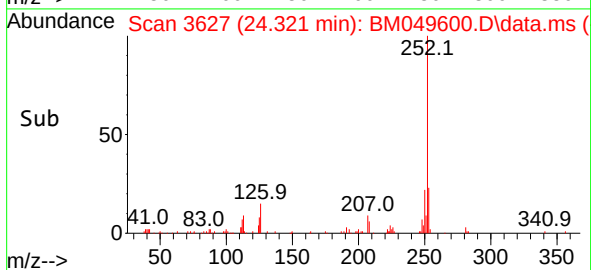
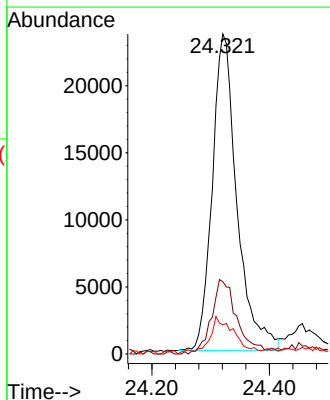
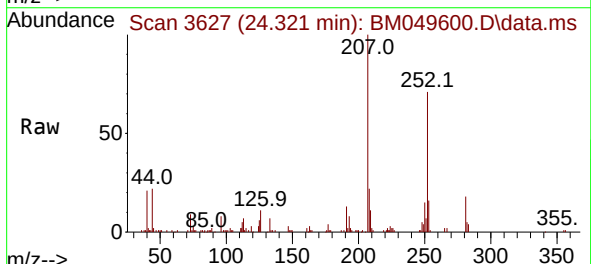
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

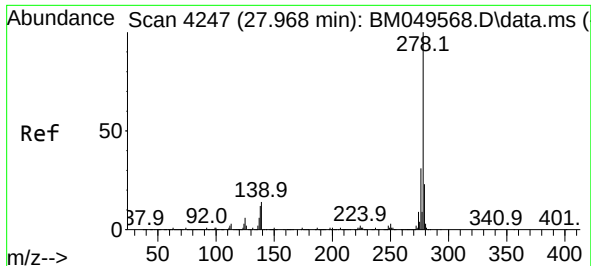
Tgt Ion:252 Resp: 91346
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 9.9 7.0 10.6



#90
Benzo(a)pyrene
Concen: 3.270 ng
RT: 24.321 min Scan# 3627
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:252 Resp: 68987
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.1 8.2 12.2

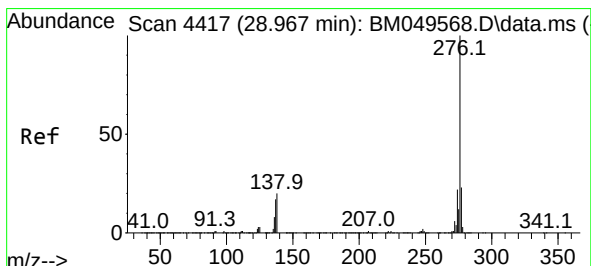
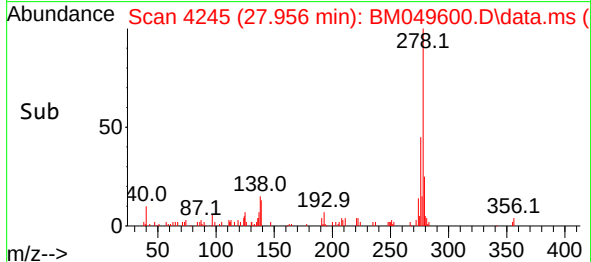
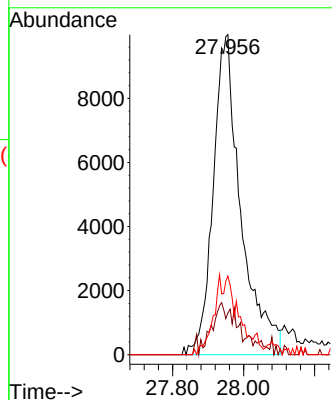
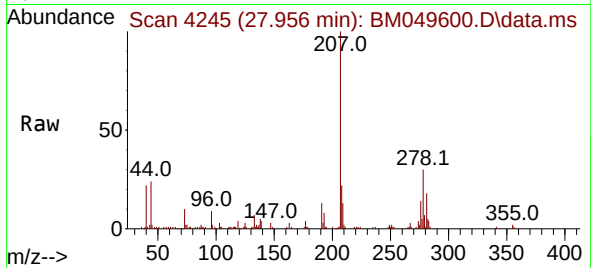




#91
Dibenzo(a,h)anthracene
Concen: 3.232 ng
RT: 27.956 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:278 Resp: 53991
Ion Ratio Lower Upper
278 100
139 13.0 11.5 17.3
279 24.5 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 3.220 ng
RT: 28.938 min Scan# 4412
Delta R.T. -0.029 min
Lab File: BM049600.D
Acq: 07 Feb 2025 13:34

Tgt Ion:276 Resp: 60084
Ion Ratio Lower Upper
276 100
277 28.1 18.7 28.1
138 20.2 16.0 24.0

