

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050425.D
 Acq On : 14 Jul 2025 14:12
 Operator : RC/JU
 Sample : Q2126-09
 Misc : MDL-MDL-WATER-8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 14 14:53:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	373077	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1366822	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	846094	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1593164	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1711574	20.000	ng	-0.02
86) Perylene-d12	24.474	264	1812324	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3139744	144.863	ng	0.00
7) Phenol-d6	7.022	99	4015957	146.984	ng	0.00
23) Nitrobenzene-d5	9.016	82	2468815	92.151	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1587769	154.450	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	6275099	91.589	ng	0.00
79) Terphenyl-d14	19.833	244	10187176	104.722	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	80591	9.043	ng	99
3) Pyridine	3.740	79	196001	8.377	ng	96
4) n-Nitrosodimethylamine	3.646	42	92916	8.518	ng	# 98
6) Aniline	7.187	93	294641	8.403	ng	99
8) 2-Chlorophenol	7.428	128	205462	8.990	ng	98
9) Benzaldehyde	6.998	77	174740m	10.751	ng	
10) Phenol	7.045	94	253220	8.886	ng	94
11) bis(2-Chloroethyl)ether	7.281	93	190666	8.354	ng	94
12) 1,3-Dichlorobenzene	7.751	146	241071	8.675	ng	96
13) 1,4-Dichlorobenzene	7.898	146	242970	8.563	ng	100
14) 1,2-Dichlorobenzene	8.216	146	232807	8.570	ng	97
15) Benzyl Alcohol	8.098	79	160227	8.323	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	285184	8.484	ng	99
17) 2-Methylphenol	8.298	107	152078	8.228	ng	98
18) Hexachloroethane	8.951	117	83639	8.381	ng	97
19) n-Nitroso-di-n-propyla...	8.663	70	135890	8.210	ng	99
20) 3+4-Methylphenols	8.622	107	196260	7.910	ng	99
22) Acetophenone	8.681	105	293307	8.583	ng	# 97
24) Nitrobenzene	9.057	77	221165	9.251	ng	100
25) Isophorone	9.586	82	356824	8.208	ng	99
26) 2-Nitrophenol	9.769	139	73092	7.502	ng	98
27) 2,4-Dimethylphenol	9.828	122	167672	8.087	ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	236298	8.203	ng	98
29) 2,4-Dichlorophenol	10.298	162	173634	8.152	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	215086	8.441	ng	98
31) Naphthalene	10.710	128	593352	8.547	ng	98
32) Benzoic acid	9.881	122	60888	10.163	ng	94
33) 4-Chloroaniline	10.810	127	237355	8.087	ng	99
34) Hexachlorobutadiene	11.004	225	130178	8.370	ng	96
35) Caprolactam	11.563	113	41120	7.072	ng	94
36) 4-Chloro-3-methylphenol	11.928	107	153032	7.694	ng	98
37) 2-Methylnaphthalene	12.316	142	358671	8.182	ng	100
38) 1-Methylnaphthalene	12.533	142	378079	8.150	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	219145	8.145	ng	99
41) Hexachlorocyclopentadiene	12.669	237	111536	6.485	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	127092	7.674	ng	97

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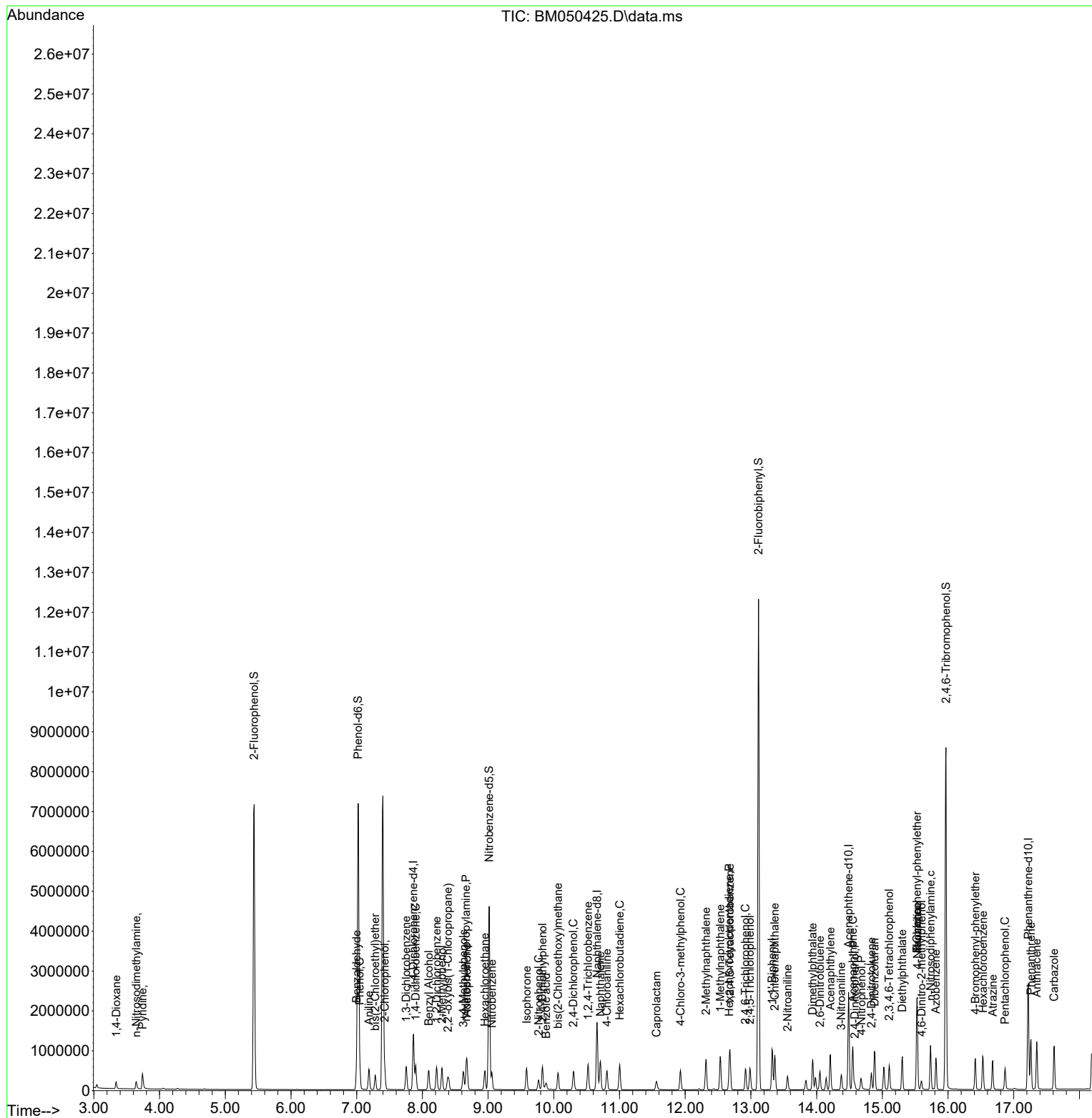
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	142993	7.905	ng	99
46) 1,1'-Biphenyl	13.322	154	545043	8.683	ng	99
47) 2-Chloronaphthalene	13.363	162	431346	8.618	ng	99
48) 2-Nitroaniline	13.557	65	81522	7.297	ng	93
49) Acenaphthylene	14.210	152	625802	8.273	ng	99
50) Dimethylphthalate	13.939	163	492078	8.447	ng	99
51) 2,6-Dinitrotoluene	14.051	165	86447	7.729	ng	90
52) Acenaphthene	14.551	154	400160	8.321	ng	98
53) 3-Nitroaniline	14.374	138	88043	7.402	ng	# 93
54) 2,4-Dinitrophenol	14.580	184	28897	10.714	ng	99
55) Dibenzofuran	14.880	168	632701	8.539	ng	98
56) 4-Nitrophenol	14.680	139	68298	6.677	ng	99
57) 2,4-Dinitrotoluene	14.833	165	103329	8.545	ng	93
58) Fluorene	15.527	166	495688	8.122	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	120605	7.921	ng	97
60) Diethylphthalate	15.304	149	452264	8.128	ng	98
61) 4-Chlorophenyl-phenylether	15.527	204	248279	7.780	ng	95
62) 4-Nitroaniline	15.533	138	82797	8.315	ng	88
63) Azobenzene	15.816	77	407574	7.977	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	43196	10.683	ng	96
66) n-Nitrosodiphenylamine	15.733	169	411688	8.258	ng	97
67) 4-Bromophenyl-phenylether	16.415	248	140926	8.029	ng	94
68) Hexachlorobenzene	16.533	284	170741	8.236	ng	99
69) Atrazine	16.680	200	130740	7.987	ng	99
70) Pentachlorophenol	16.868	266	92235	7.147	ng	97
71) Phenanthrene	17.262	178	766575	8.503	ng	98
72) Anthracene	17.351	178	731960	8.157	ng	99
73) Carbazole	17.615	167	677442	8.343	ng	99
74) Di-n-butylphthalate	18.186	149	667205	7.508	ng	99
75) Fluoranthene	19.268	202	790554	8.067	ng	99
77) Benzidine	19.445	184	330177	7.563	ng	100
78) Pyrene	19.627	202	848091	7.737	ng	100
80) Butylbenzylphthalate	20.521	149	270978	7.497	ng	96
81) Benzo(a)anthracene	21.421	228	914779	8.203	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	286252	7.611	ng	98
83) Chrysene	21.486	228	873710	8.306	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	455709	7.942	ng	100
85) Di-n-octyl phthalate	22.503	149	681733	7.586	ng	98
87) Indeno(1,2,3-cd)pyrene	27.897	276	1071607	8.316	ng	# 93
88) Benzo(b)fluoranthene	23.515	252	866996	7.777	ng	99
89) Benzo(k)fluoranthene	23.574	252	893005	7.720	ng	99
90) Benzo(a)pyrene	24.327	252	799835	7.665	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	883942	8.146	ng	99
92) Benzo(g,h,i)perylene	28.962	276	862329	8.408	ng	100

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

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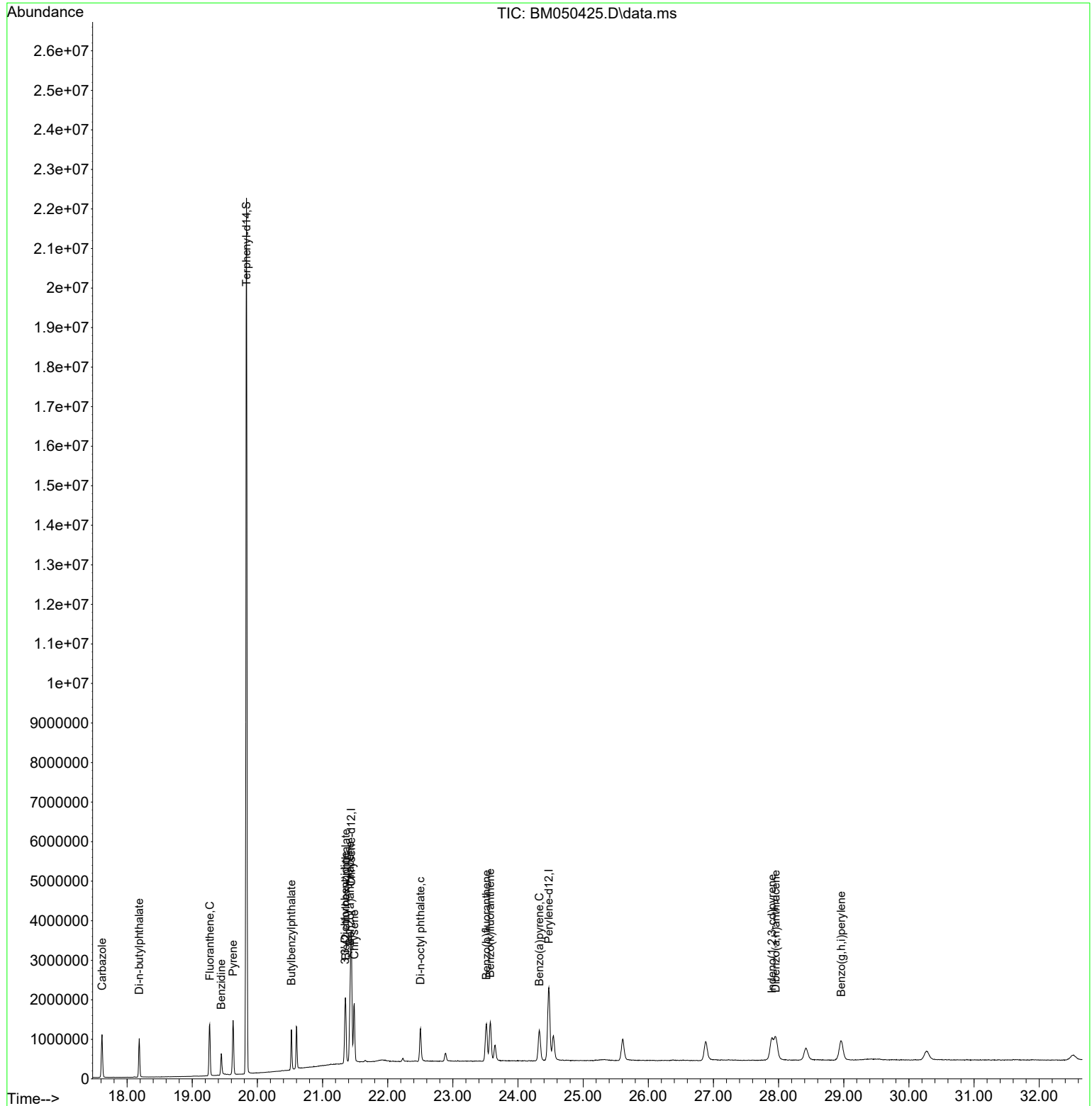
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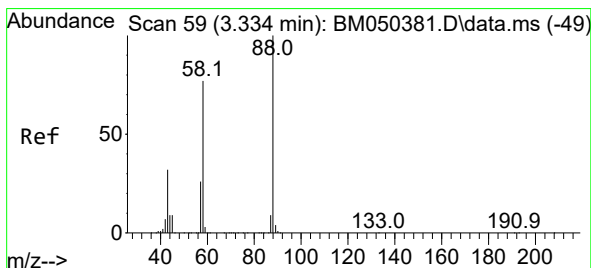
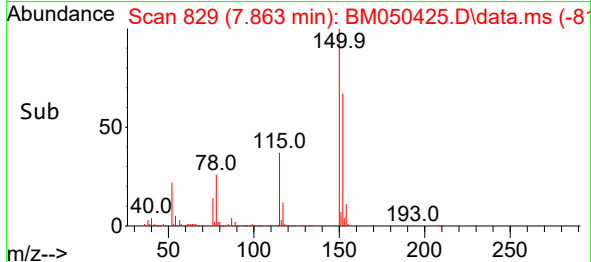
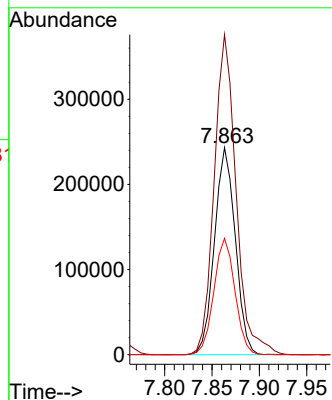
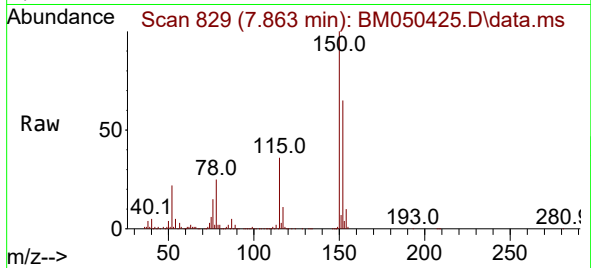




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050425.D
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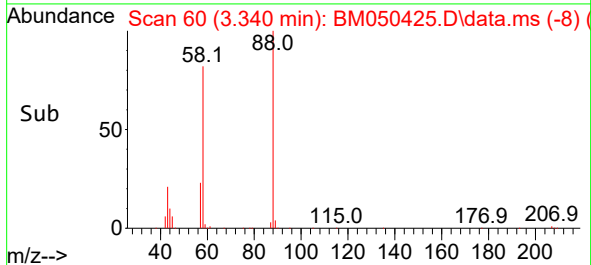
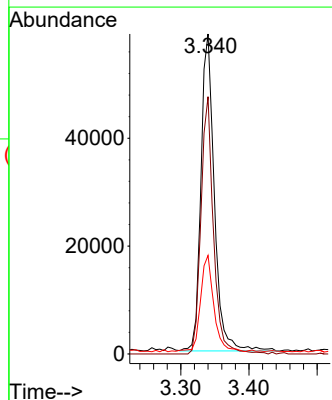
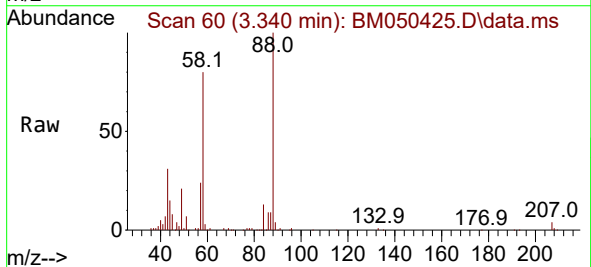
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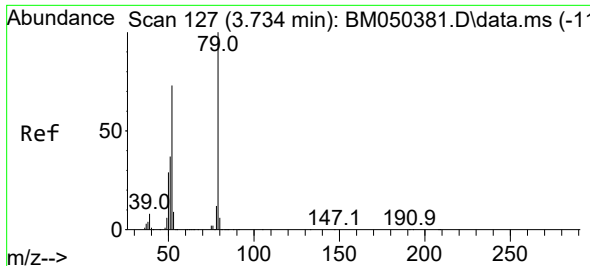
Tgt Ion:152 Resp: 373077
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.4
 115 56.2 45.8 68.8



#2
 1,4-Dioxane
 Concen: 9.043 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BM050425.D
 Acq: 14 Jul 2025 14:12

Tgt Ion: 88 Resp: 80591
 Ion Ratio Lower Upper
 88 100
 58 75.8 61.0 91.6
 43 29.7 24.6 37.0

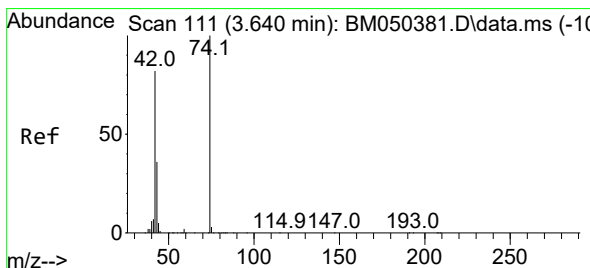
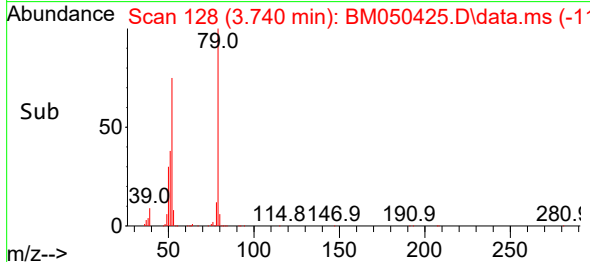
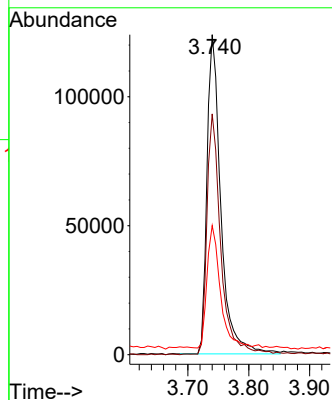
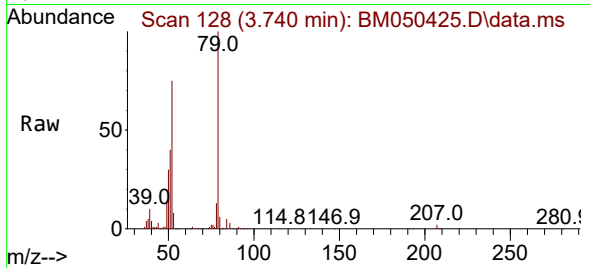




#3
Pyridine
Concen: 8.377 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

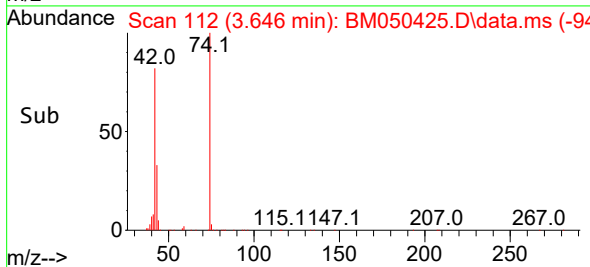
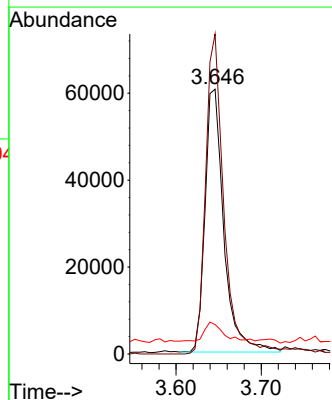
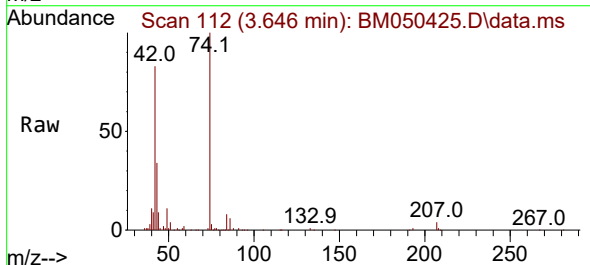
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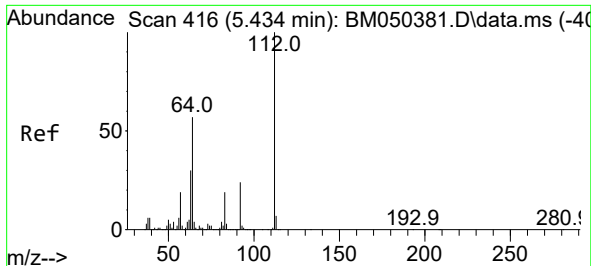
Tgt Ion: 79 Resp: 196001
Ion Ratio Lower Upper
79 100
52 75.3 58.3 87.5
51 40.4 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 8.518 ng
RT: 3.646 min Scan# 112
Delta R.T. 0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 42 Resp: 92916
Ion Ratio Lower Upper
42 100
74 120.8 97.5 146.3
44 11.1 5.7 8.5

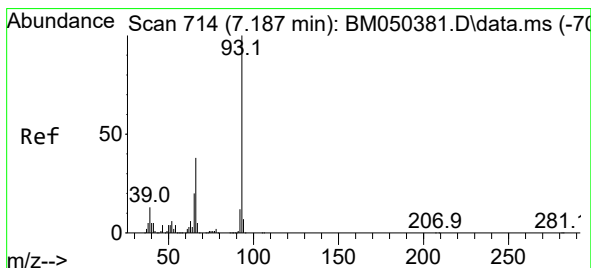
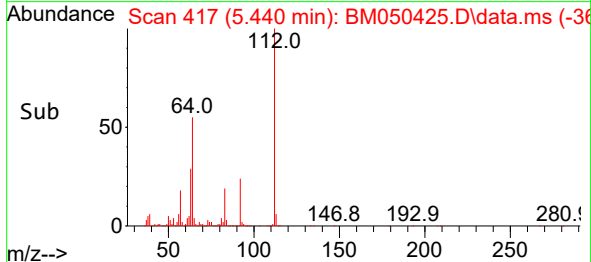
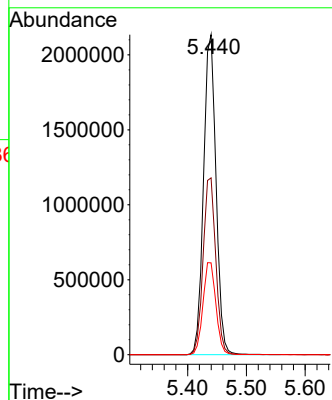
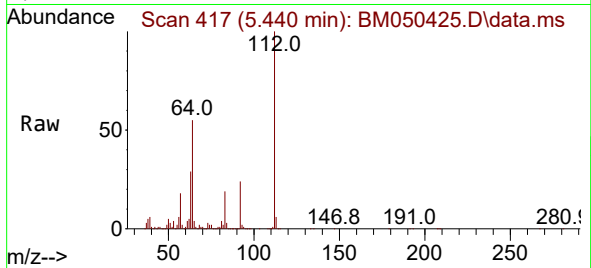




#5
2-Fluorophenol
Concen: 144.863 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

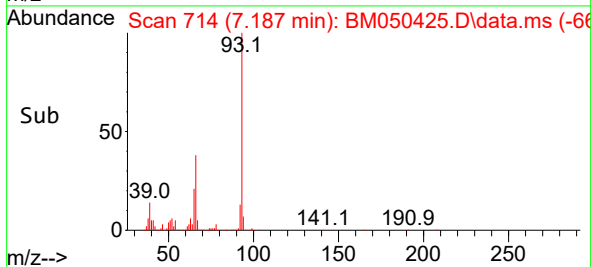
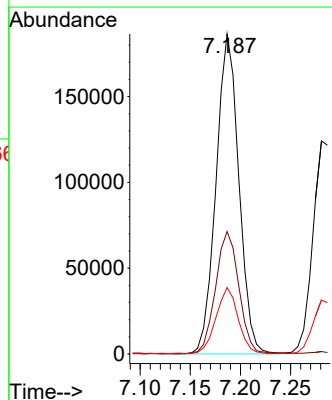
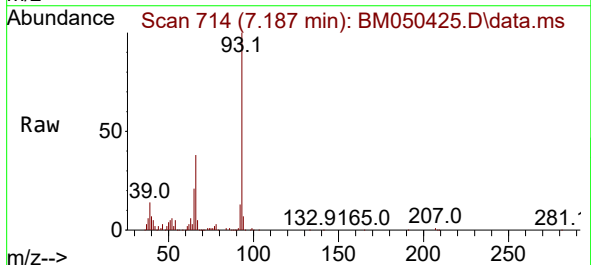
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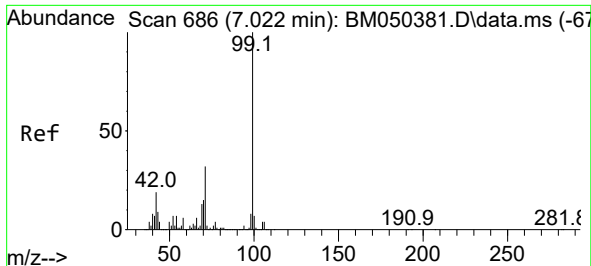
Tgt Ion:112 Resp: 3139744
Ion Ratio Lower Upper
112 100
64 55.2 45.5 68.3
63 28.7 24.2 36.4



#6
Aniline
Concen: 8.403 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 93 Resp: 294641
Ion Ratio Lower Upper
93 100
66 38.3 30.5 45.7
65 20.7 15.9 23.9

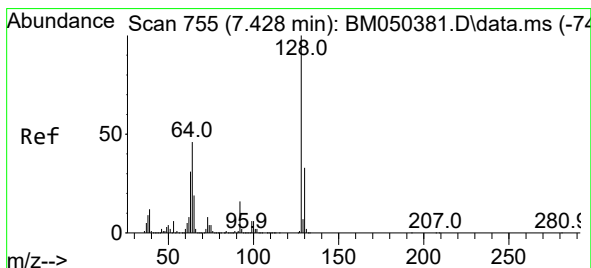
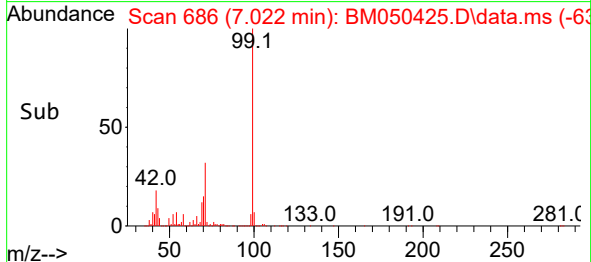
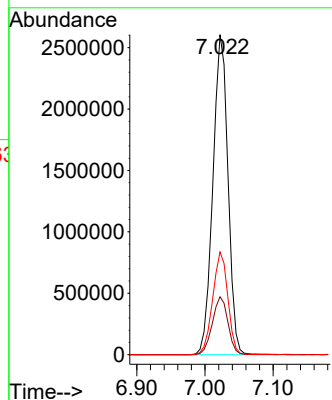
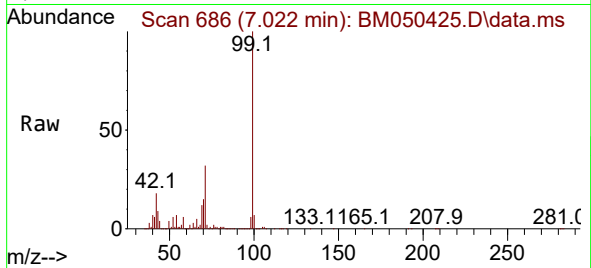




#7
Phenol-d6
Concen: 146.984 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050425.D
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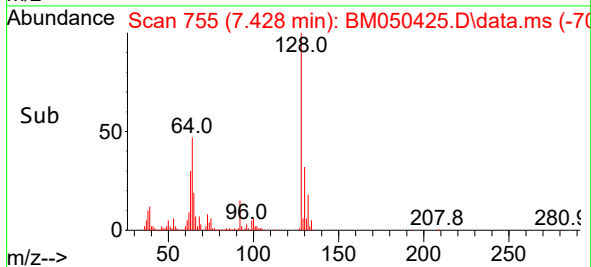
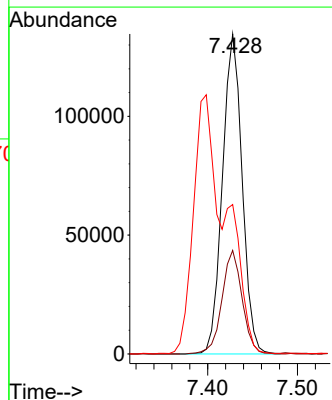
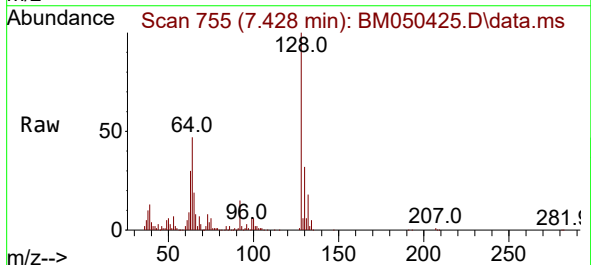
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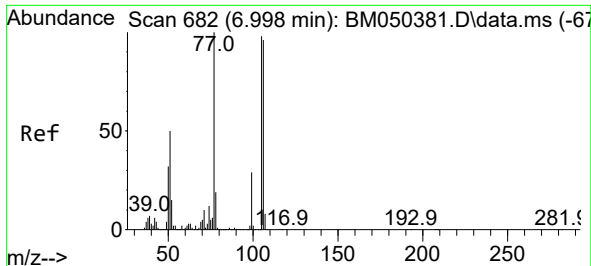
Tgt Ion: 99 Resp: 4015957
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 32.1 25.9 38.9



#8
2-Chlorophenol
Concen: 8.990 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:128 Resp: 205462
Ion Ratio Lower Upper
128 100
130 32.3 13.3 53.3
64 46.7 25.6 65.6

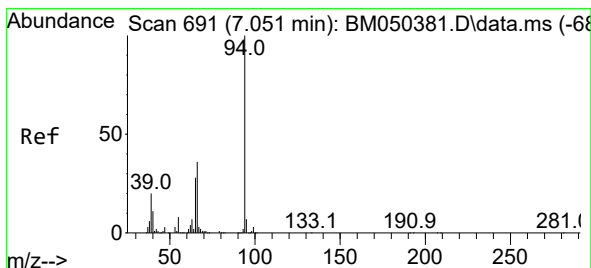
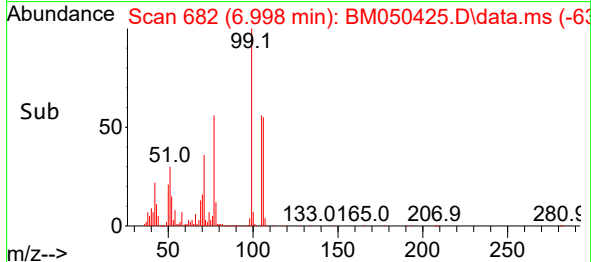
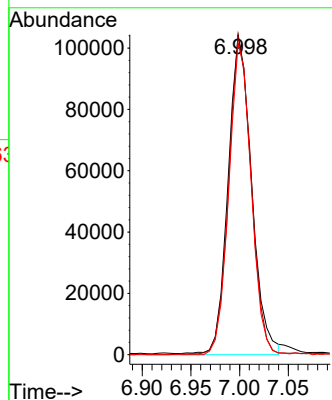
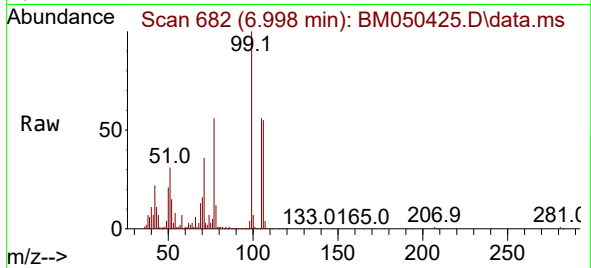




#9
Benzaldehyde
Concen: 10.751 ng m
RT: 6.998 min Scan# 61
Delta R.T. 0.000 min
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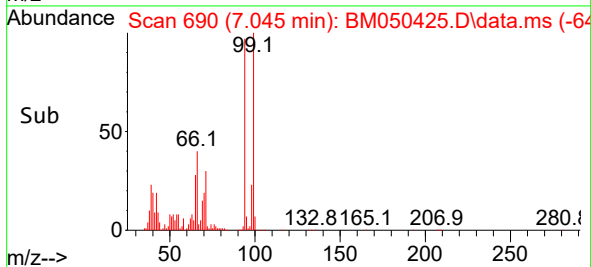
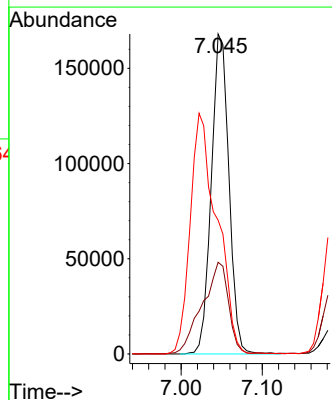
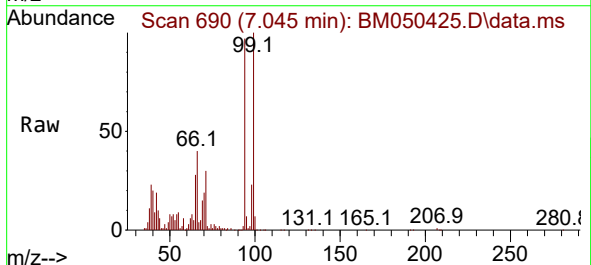
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

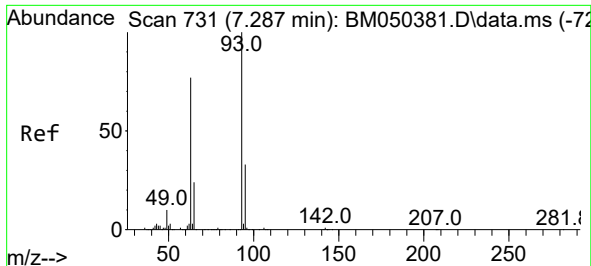
Tgt Ion: 77 Resp: 174740
Ion Ratio Lower Upper
77 100
105 100.1 78.4 118.4
106 97.5 76.3 116.3



#10
Phenol
Concen: 8.886 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 94 Resp: 253220
Ion Ratio Lower Upper
94 100
65 28.7 8.1 48.1
66 41.8 15.8 55.8

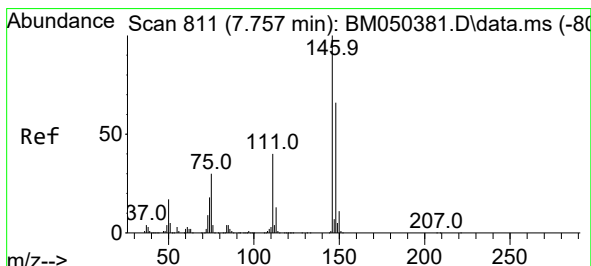
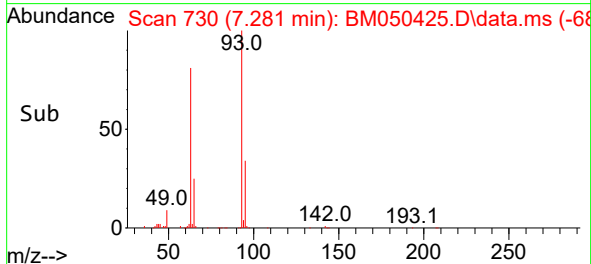
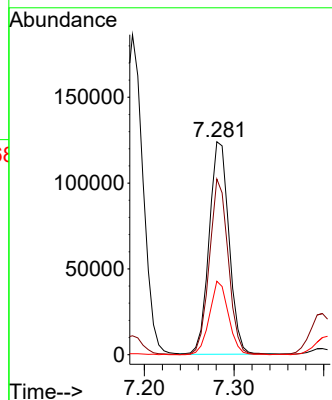
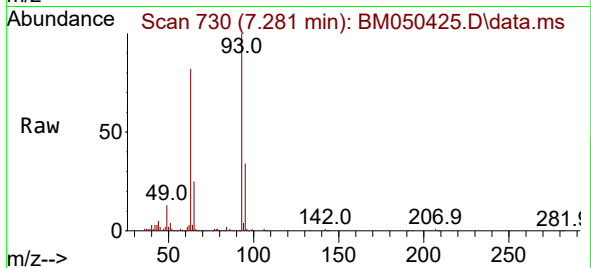




#11
bis(2-Chloroethyl)ether
Concen: 8.354 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

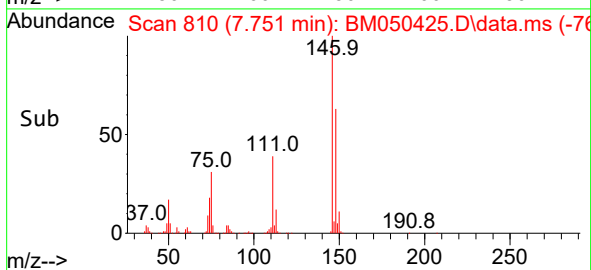
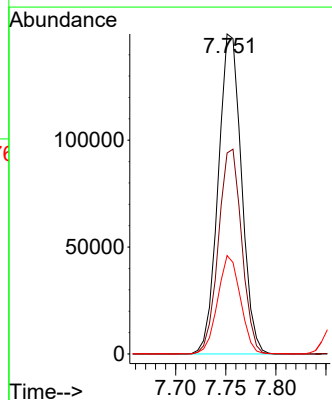
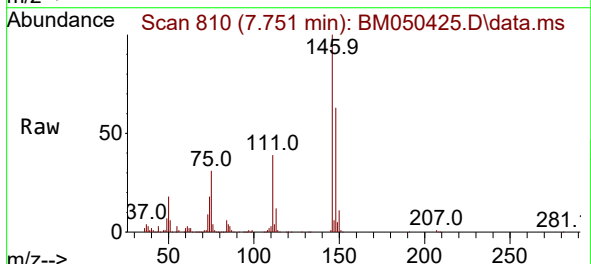
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

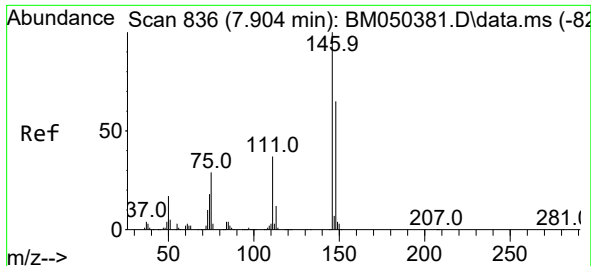
Tgt Ion: 93 Resp: 190666
Ion Ratio Lower Upper
93 100
63 82.5 56.9 96.9
95 34.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 8.675 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 146 Resp: 241071
Ion Ratio Lower Upper
146 100
148 62.8 53.2 79.8
75 30.8 23.9 35.9

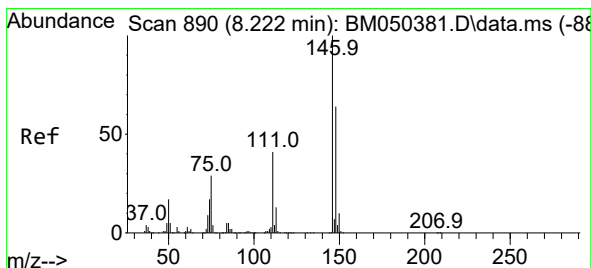
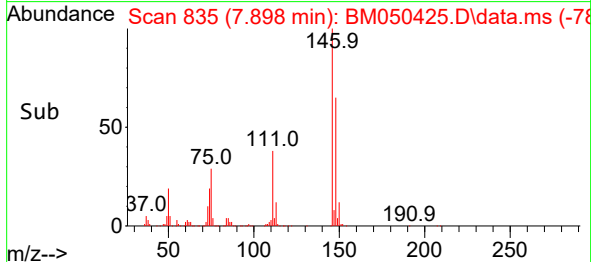
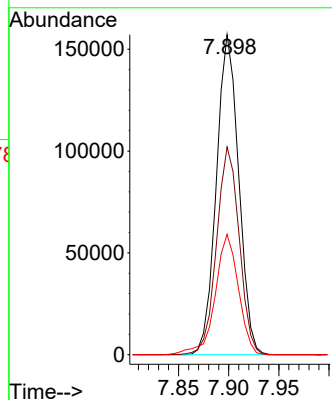
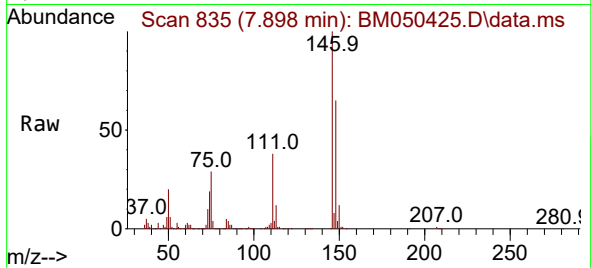




#13
1,4-Dichlorobenzene
Concen: 8.563 ng
RT: 7.898 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

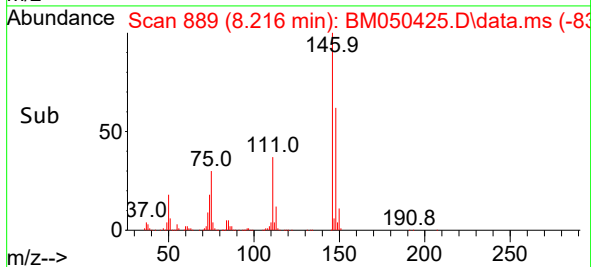
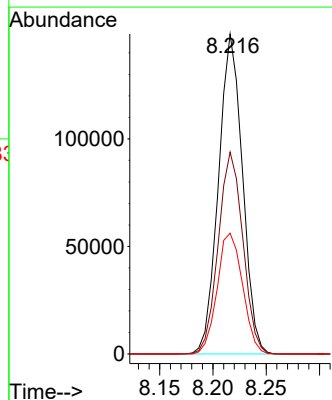
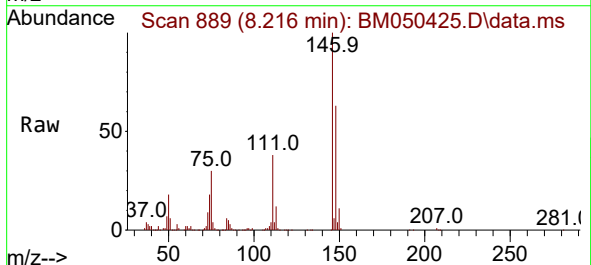
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

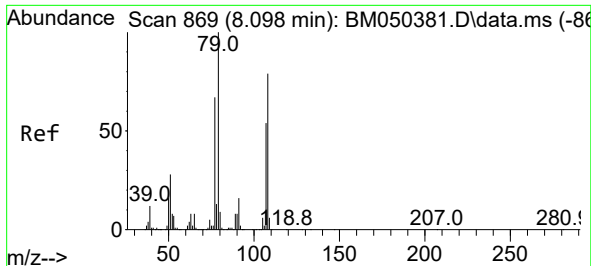
Tgt Ion:146 Resp: 242970
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 37.6 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 8.570 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:146 Resp: 232807
Ion Ratio Lower Upper
146 100
148 63.1 51.5 77.3
111 37.7 32.6 49.0

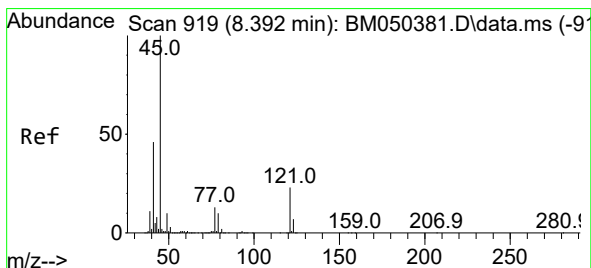
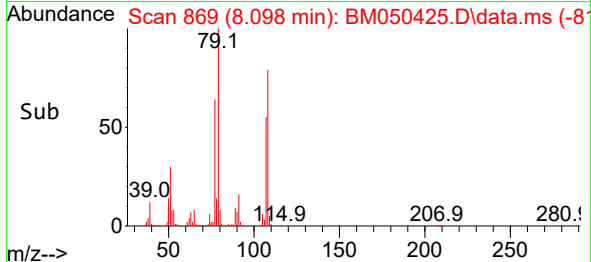
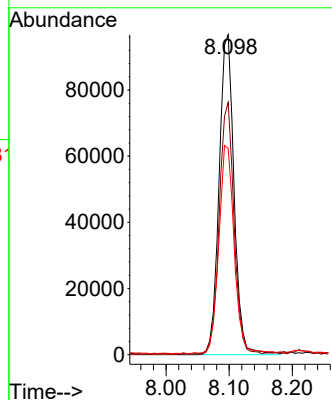
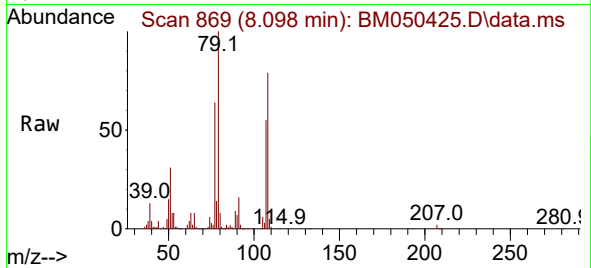




#15
Benzyl Alcohol
Concen: 8.323 ng
RT: 8.098 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

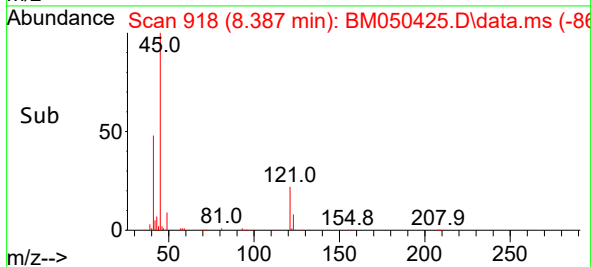
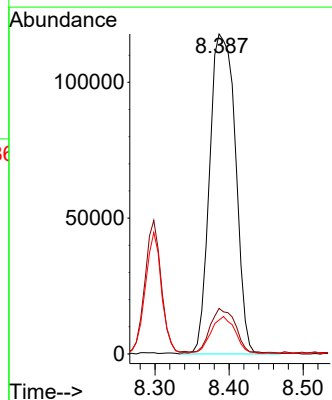
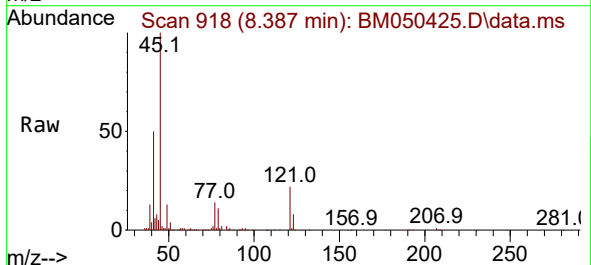
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

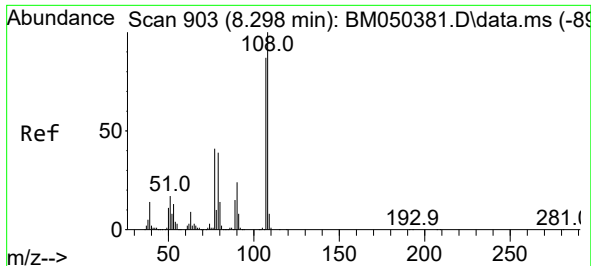
Tgt Ion: 79 Resp: 160227
Ion Ratio Lower Upper
79 100
108 78.8 63.0 94.4
77 64.4 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.484 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 45 Resp: 285184
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.5
79 10.6 0.0 30.3

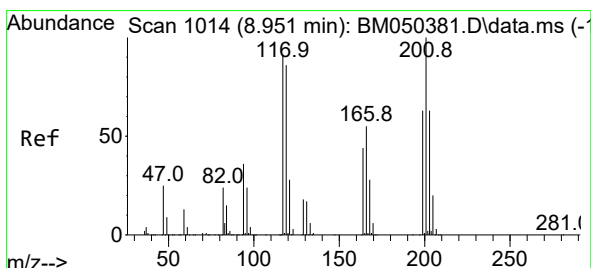
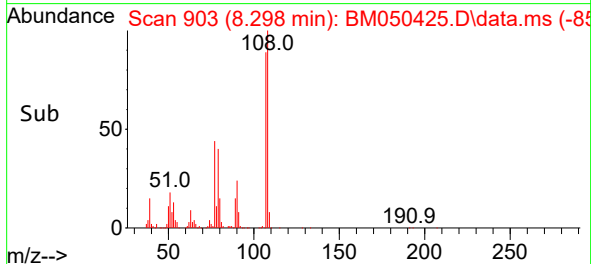
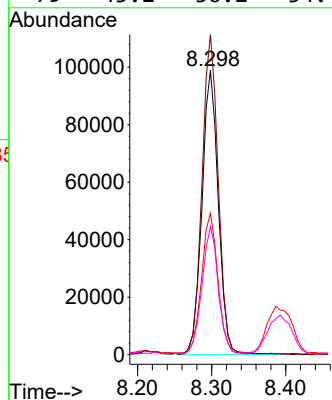
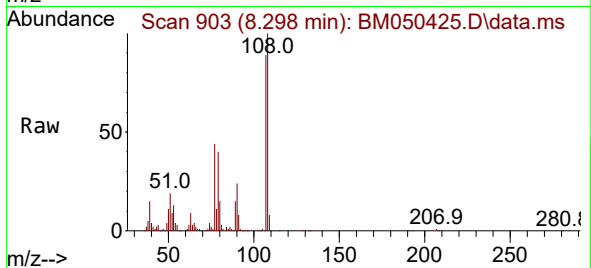




#17
2-Methylphenol
Concen: 8.228 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

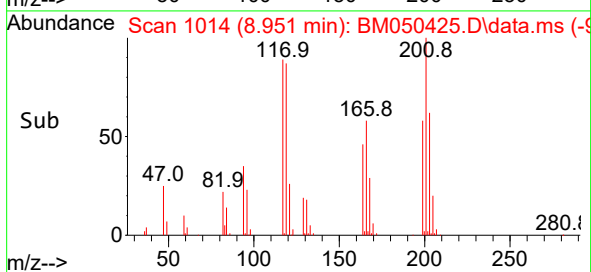
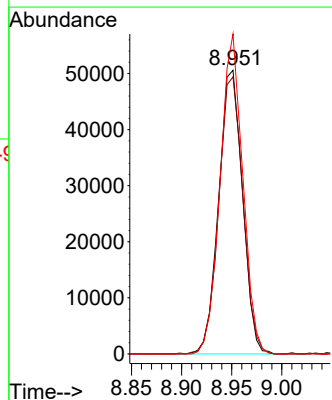
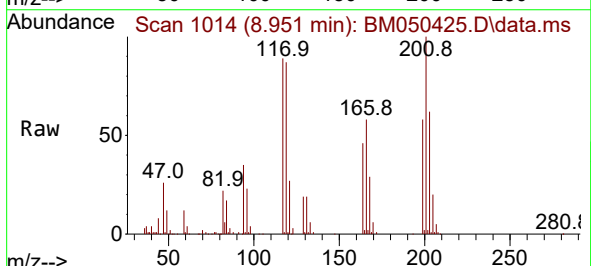
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

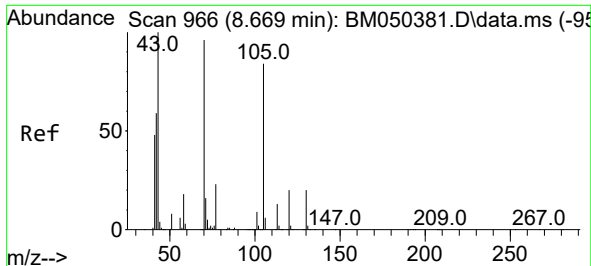
Tgt Ion:	107	Resp:	152078
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.1	138.1
77	49.7	38.2	57.4
79	45.2	36.2	54.4



#18
Hexachloroethane
Concen: 8.381 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:	117	Resp:	83639
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.6	113.4
201	112.8	87.9	131.9

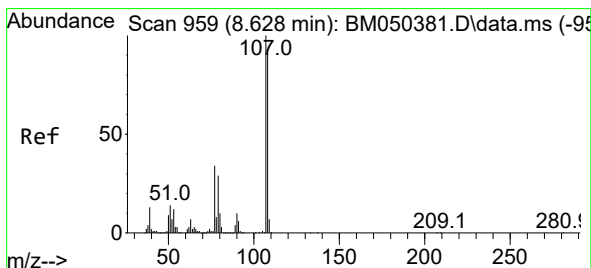
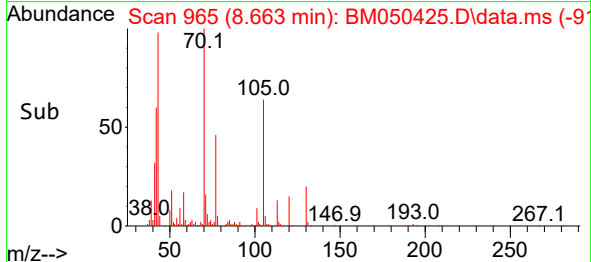
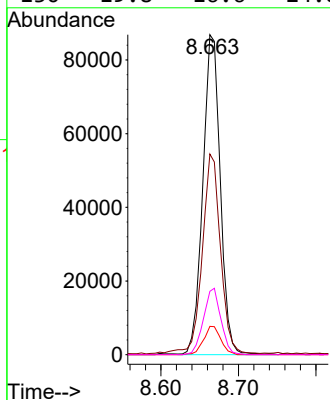
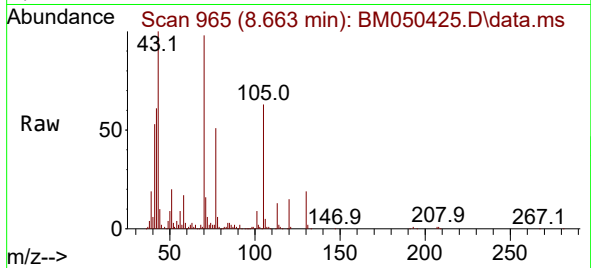




#19
n-Nitroso-di-n-propylamine
Concen: 8.210 ng
RT: 8.663 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

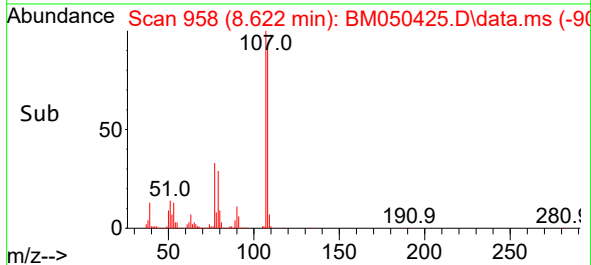
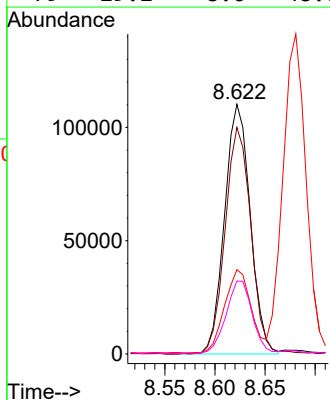
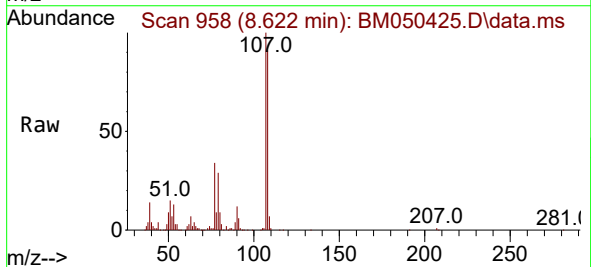
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

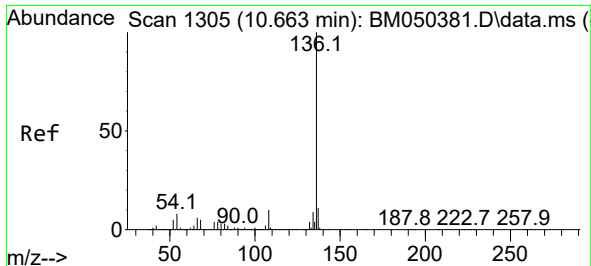
Tgt Ion: 70 Resp: 135890
Ion Ratio Lower Upper
70 100
42 62.7 49.7 74.5
101 8.9 7.7 11.5
130 19.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 7.910 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 107 Resp: 196260
Ion Ratio Lower Upper
107 100
108 90.7 71.5 111.5
77 33.8 13.7 53.7
79 29.2 8.6 48.6

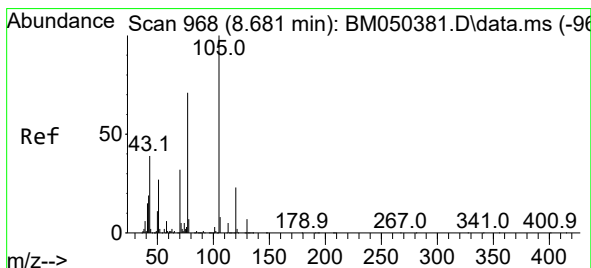
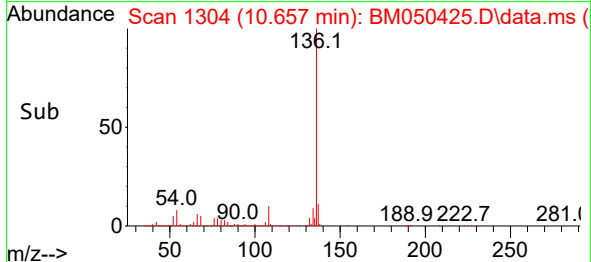
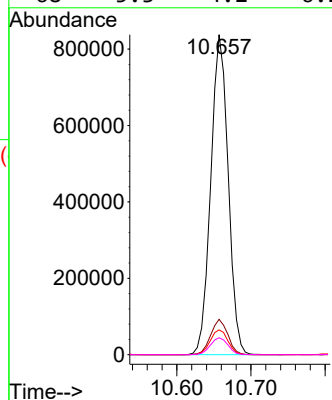
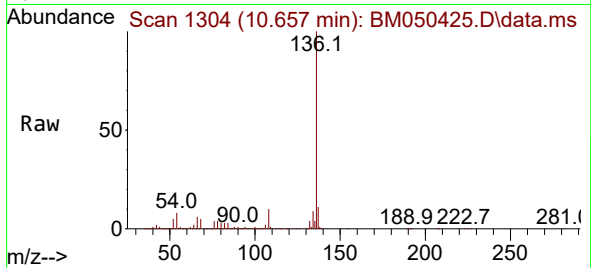




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

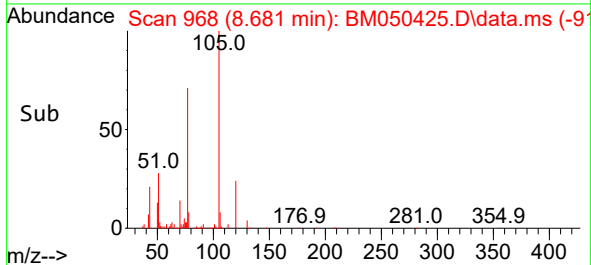
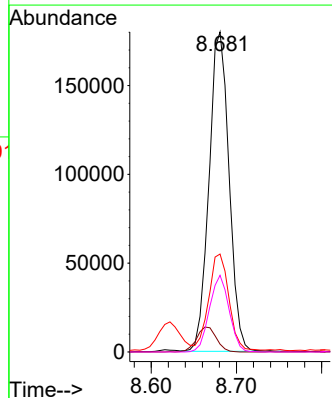
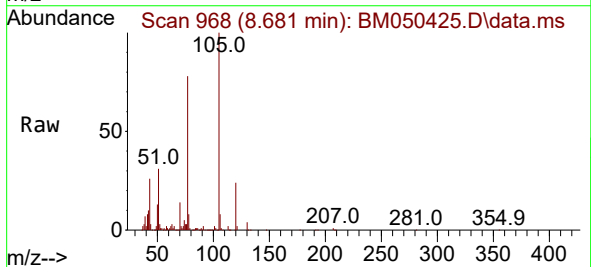
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

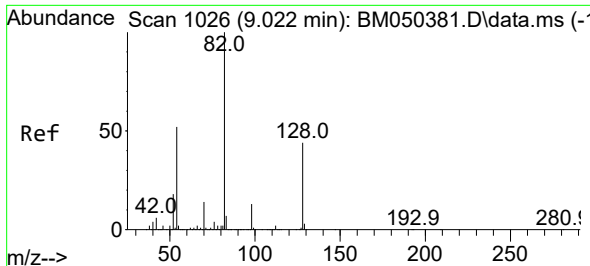
Tgt Ion:136 Resp: 1366822
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 8.583 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:105 Resp: 293307
Ion Ratio Lower Upper
105 100
71 2.5 4.4 6.6#
51 30.6 23.0 34.6
120 23.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 92.151 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

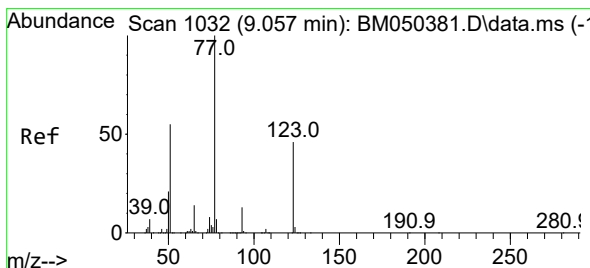
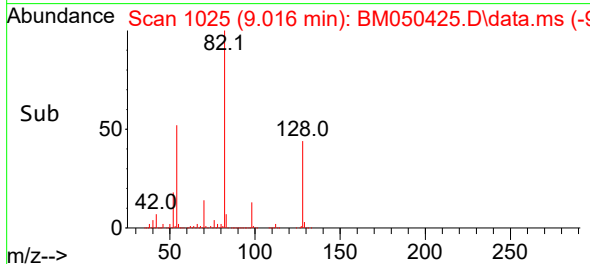
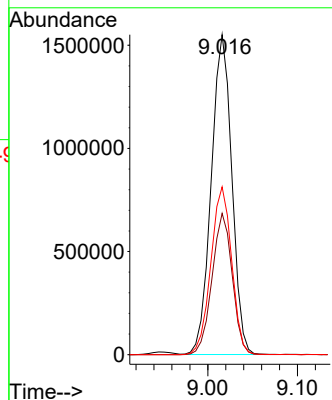
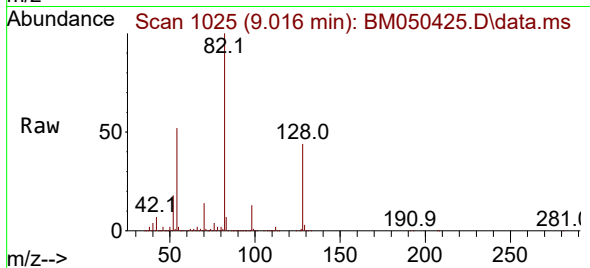
BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 82 Resp: 2468815

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.2	52.8
54	52.4	41.5	62.3



#24

Nitrobenzene

Concen: 9.251 ng

RT: 9.057 min Scan# 1032

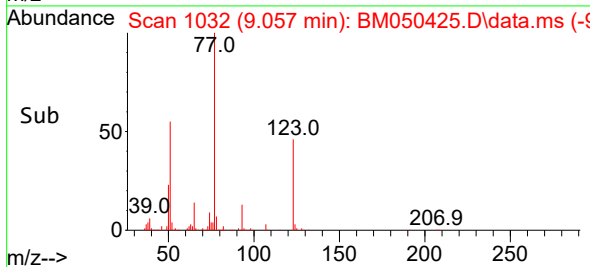
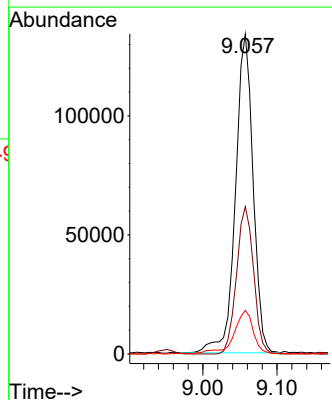
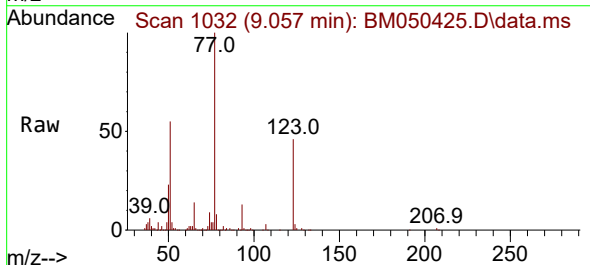
Delta R.T. 0.000 min

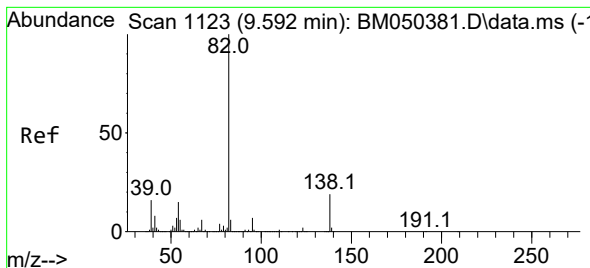
Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Tgt Ion: 77 Resp: 221165

Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.0	55.6
65	13.6	11.0	16.4





#25

Isophorone

Concen: 8.208 ng

RT: 9.586 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

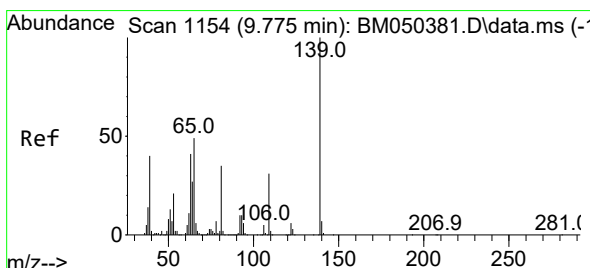
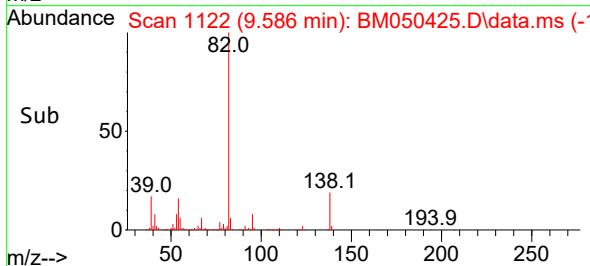
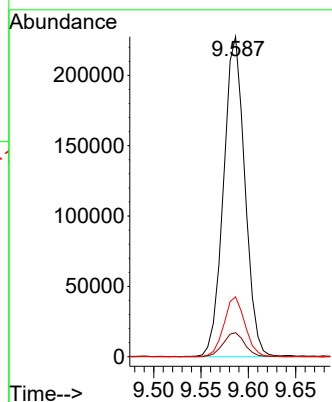
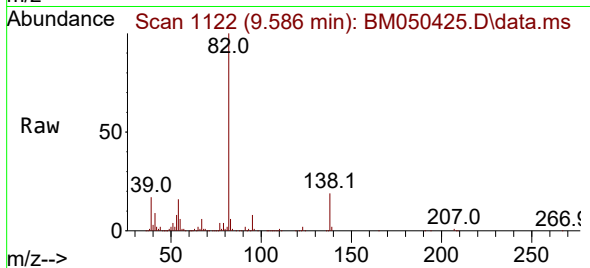
Tgt Ion: 82 Resp: 356824

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 18.7 15.3 22.9



#26

2-Nitrophenol

Concen: 7.502 ng

RT: 9.769 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

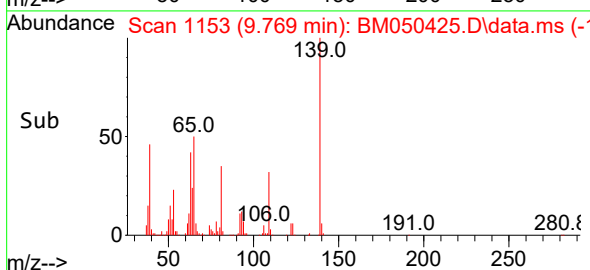
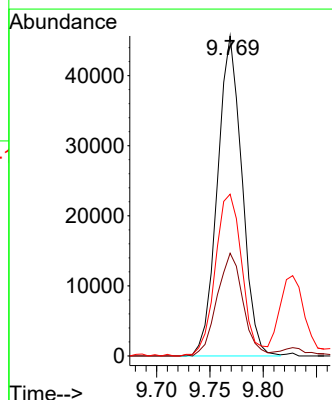
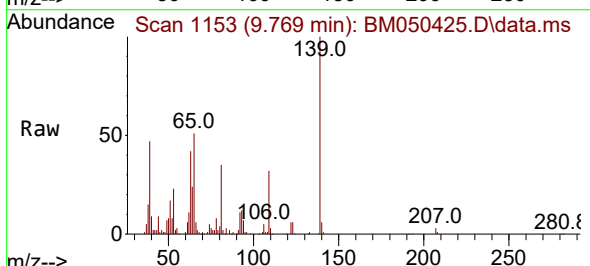
Tgt Ion: 139 Resp: 73092

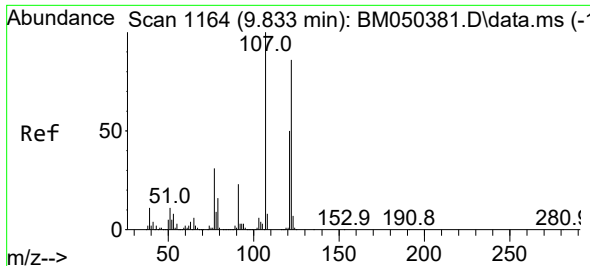
Ion Ratio Lower Upper

139 100

109 32.1 24.6 36.8

65 50.5 39.2 58.8

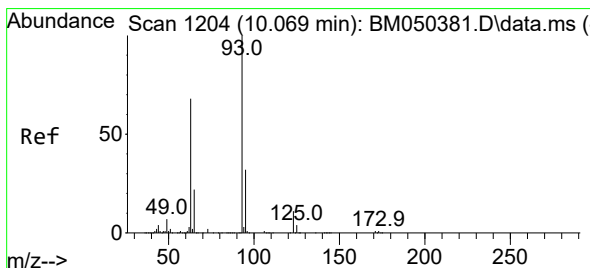
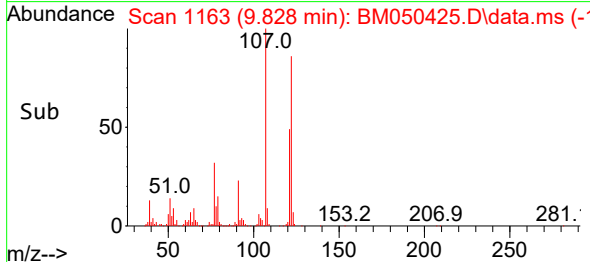
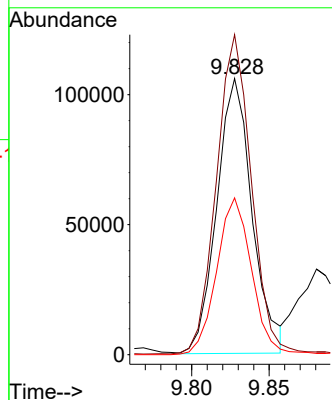
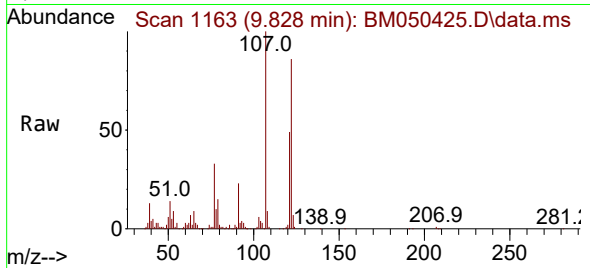




#27
2,4-Dimethylphenol
Concen: 8.087 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

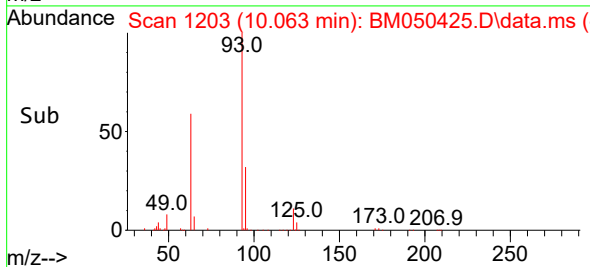
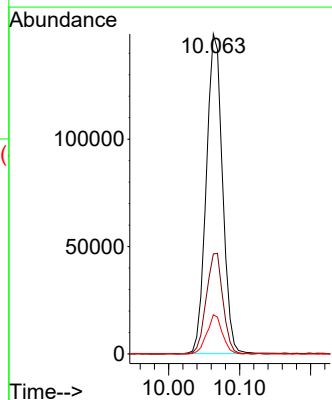
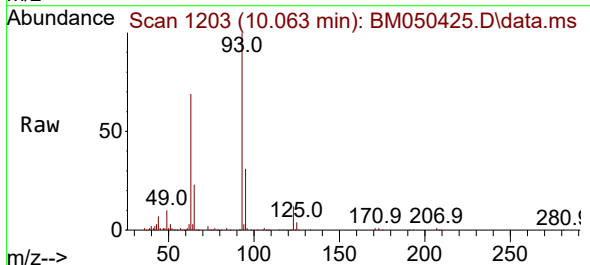
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2025

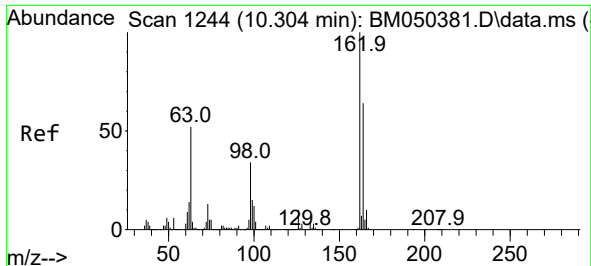
Tgt Ion:122 Resp: 167672
Ion Ratio Lower Upper
122 100
107 115.9 93.0 139.6
121 56.8 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.203 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion: 93 Resp: 236298
Ion Ratio Lower Upper
93 100
95 31.3 25.8 38.6
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 8.152 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

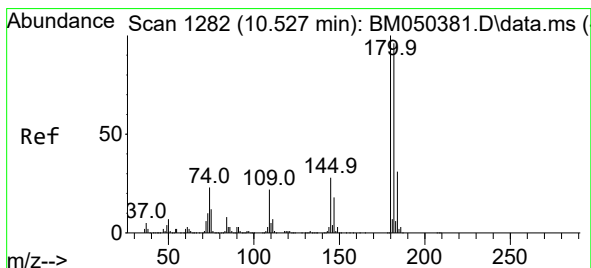
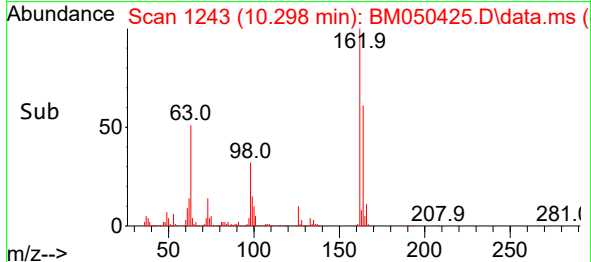
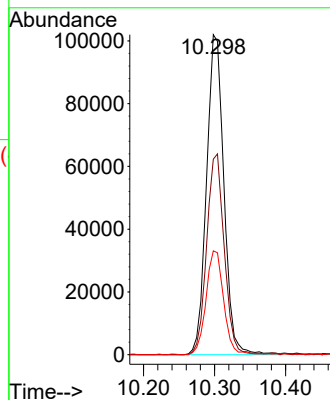
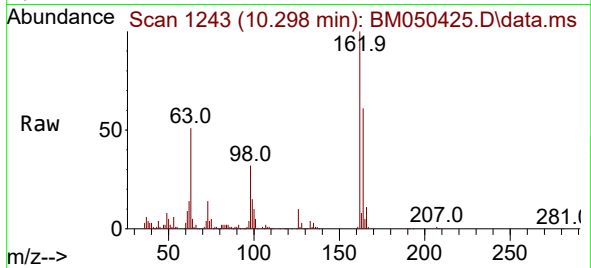
Tgt Ion:162 Resp: 173634

Ion Ratio Lower Upper

162 100

164 61.1 43.7 83.7

98 32.5 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 8.441 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

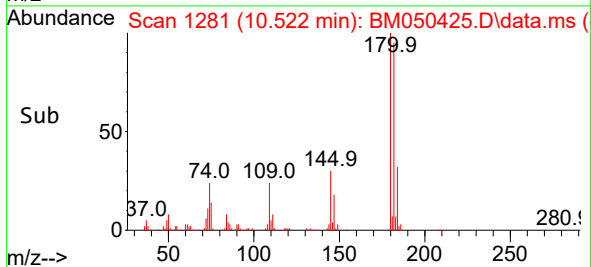
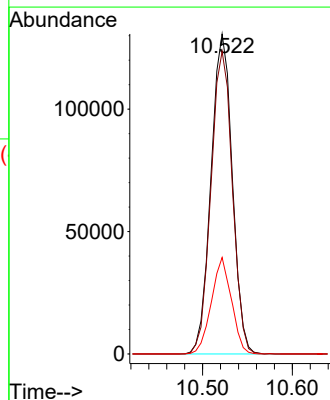
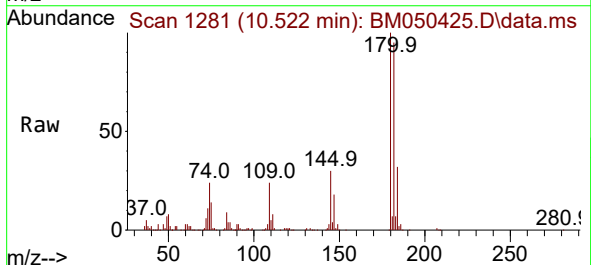
Tgt Ion:180 Resp: 215086

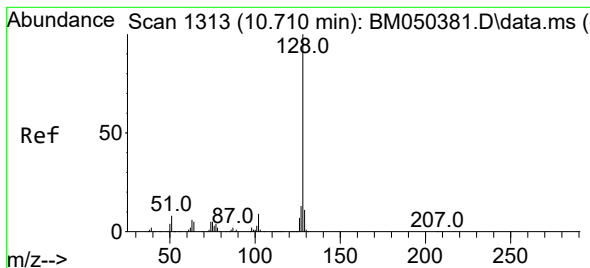
Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

145 30.2 22.6 33.8





#31

Naphthalene

Concen: 8.547 ng

RT: 10.710 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

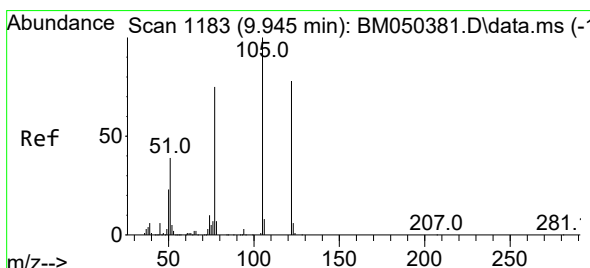
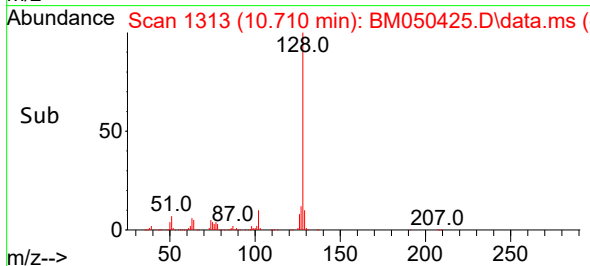
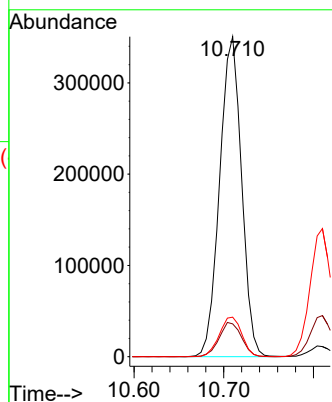
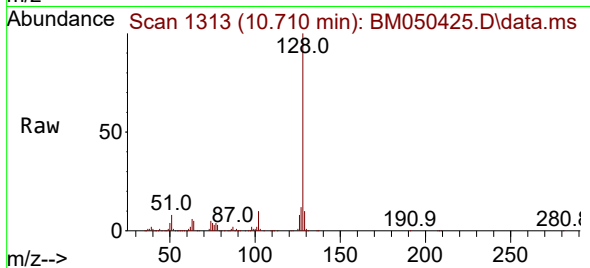
Tgt Ion:128 Resp: 593352

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 12.4 10.4 15.6



#32

Benzoic acid

Concen: 10.163 ng

RT: 9.881 min Scan# 1172

Delta R.T. -0.064 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

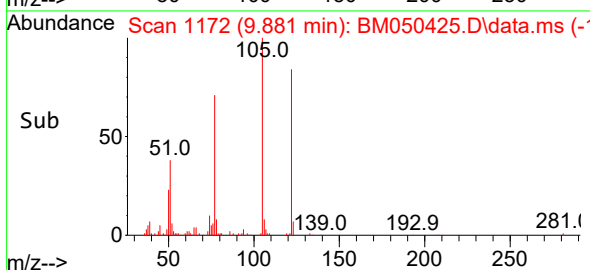
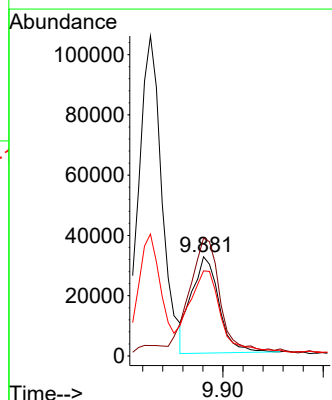
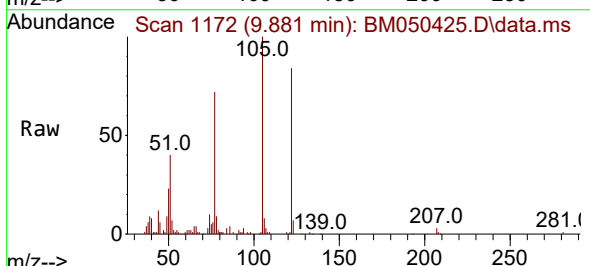
Tgt Ion:122 Resp: 60888

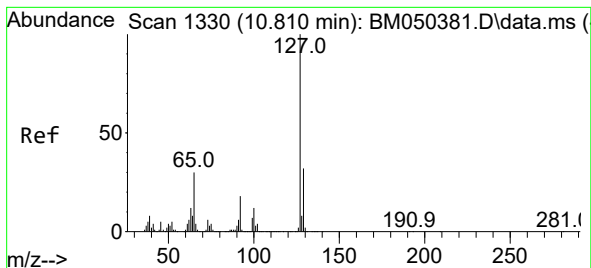
Ion Ratio Lower Upper

122 100

105 118.9 104.0 144.0

77 85.9 73.8 113.8





#33

4-Chloroaniline

Concen: 8.087 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:127 Resp: 237355

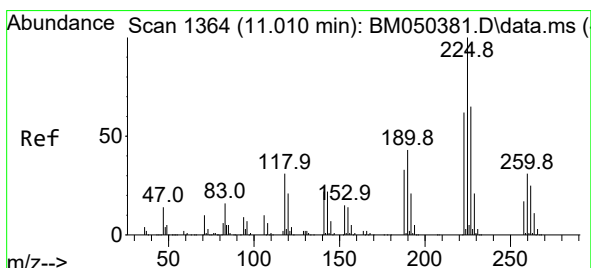
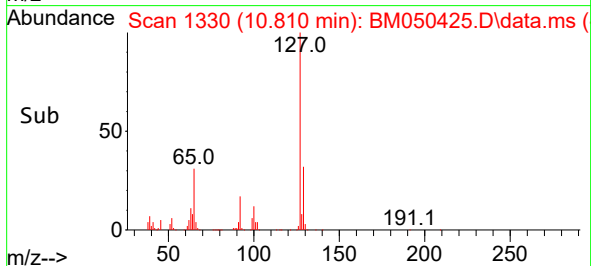
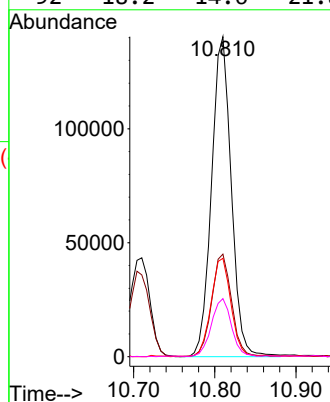
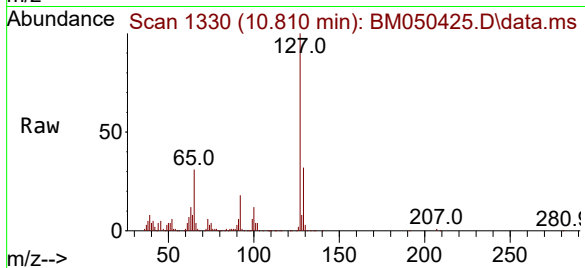
Ion Ratio Lower Upper

127 100

129 32.1 25.5 38.3

65 30.7 23.9 35.9

92 18.2 14.6 21.8



#34

Hexachlorobutadiene

Concen: 8.370 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

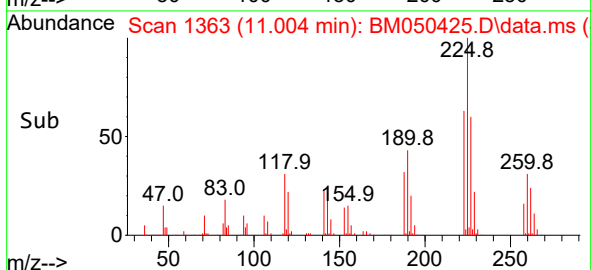
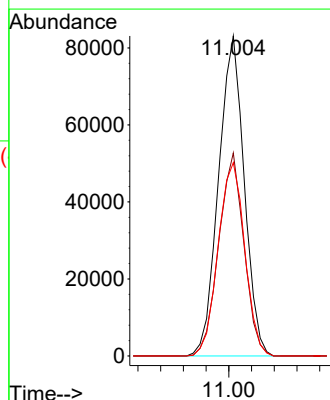
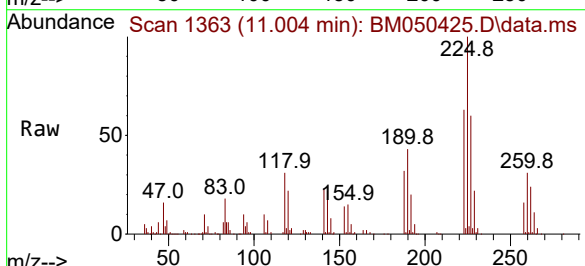
Tgt Ion:225 Resp: 130178

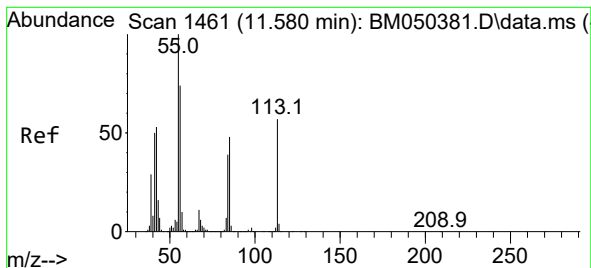
Ion Ratio Lower Upper

225 100

223 63.5 49.7 74.5

227 60.4 52.1 78.1

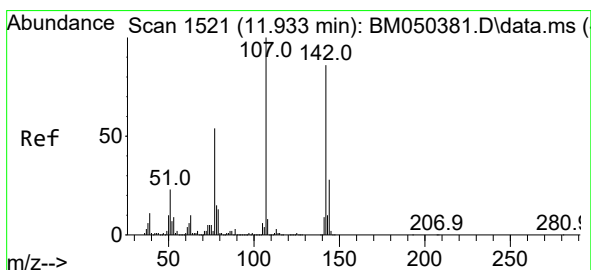
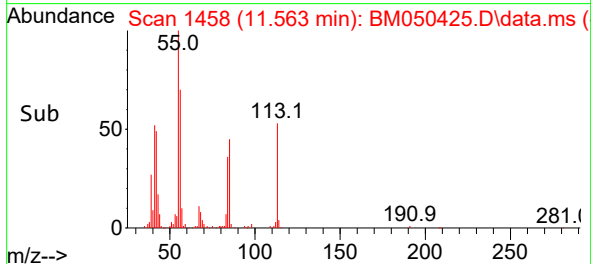
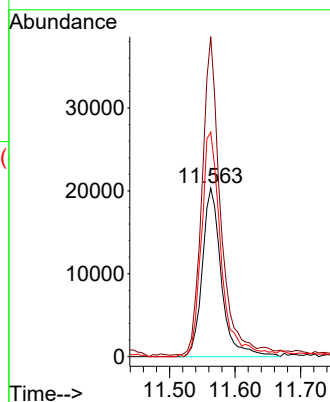
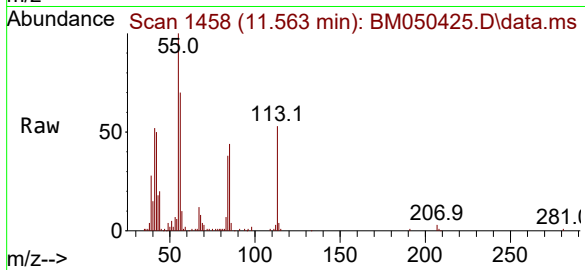




#35
Caprolactam
Concen: 7.072 ng
RT: 11.563 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

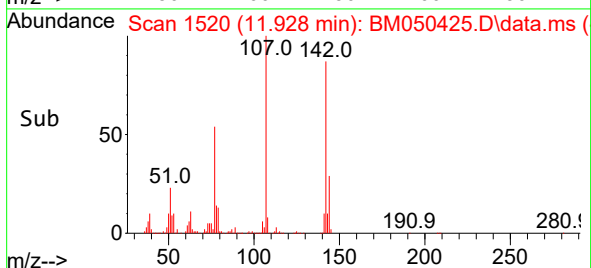
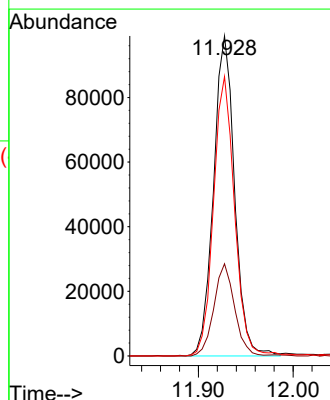
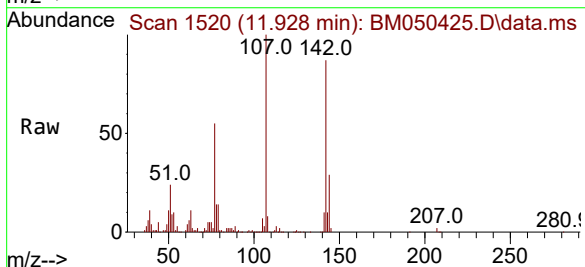
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

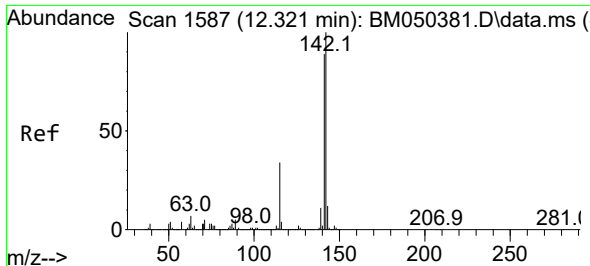
Tgt Ion:113 Resp: 41120
Ion Ratio Lower Upper
113 100
55 189.9 157.2 197.2
56 133.2 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 7.694 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:107 Resp: 153032
Ion Ratio Lower Upper
107 100
144 28.8 22.2 33.4
142 87.3 68.7 103.1

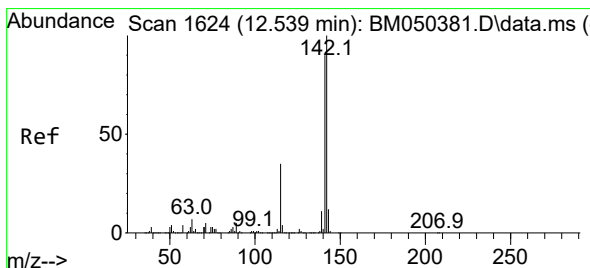
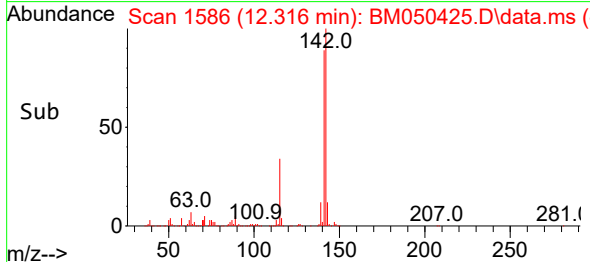
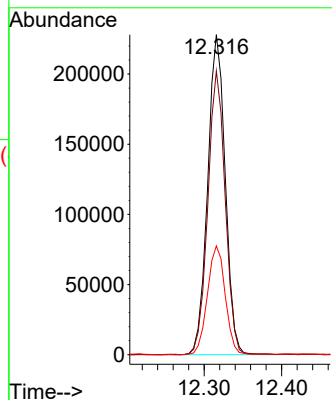
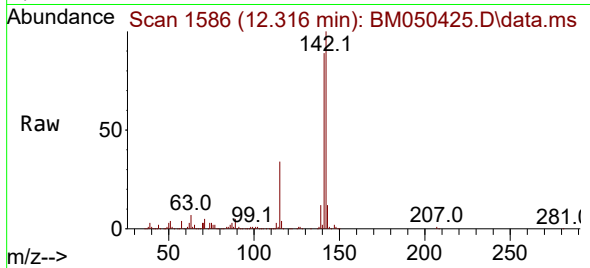




#37
2-Methylnaphthalene
Concen: 8.182 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

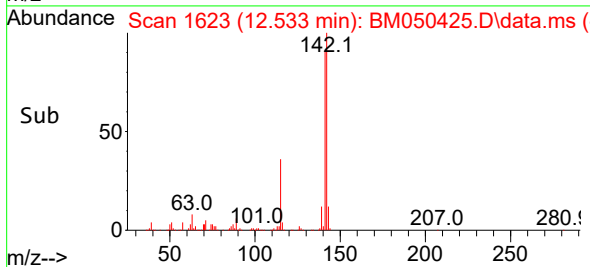
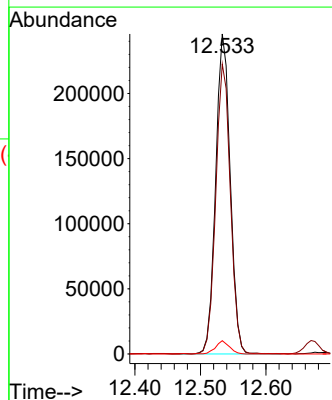
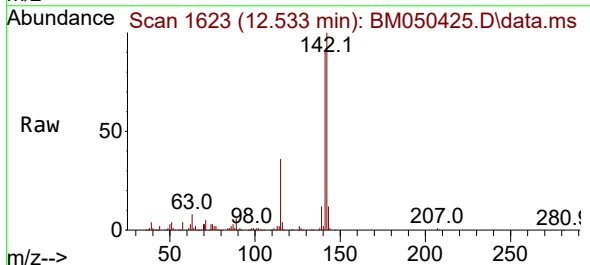
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

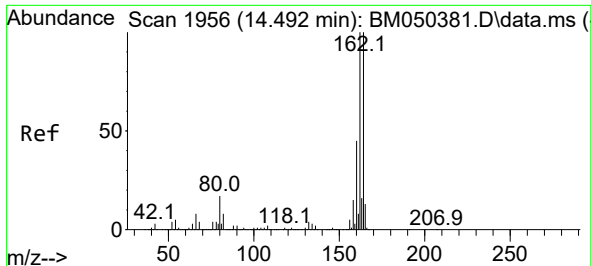
Tgt Ion:142 Resp: 358671
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 34.0 27.0 40.4



#38
1-Methylnaphthalene
Concen: 8.150 ng
RT: 12.533 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:142 Resp: 378079
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9
116 4.2 3.0 4.6

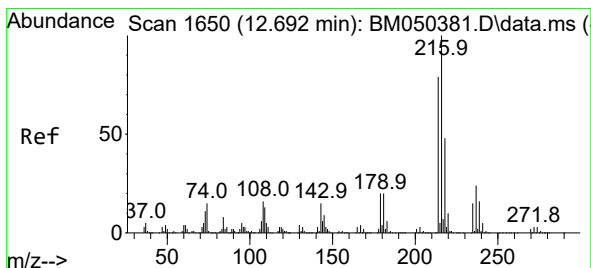
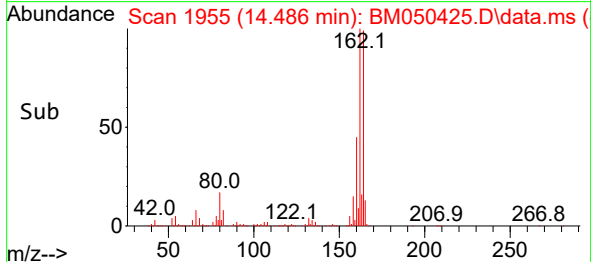
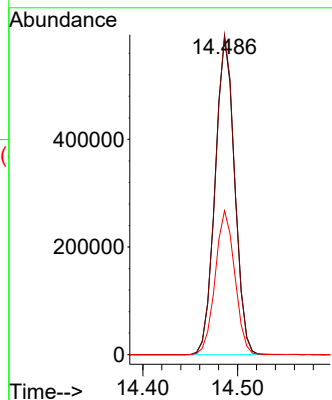
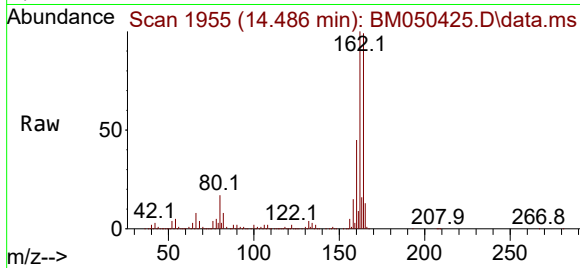




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

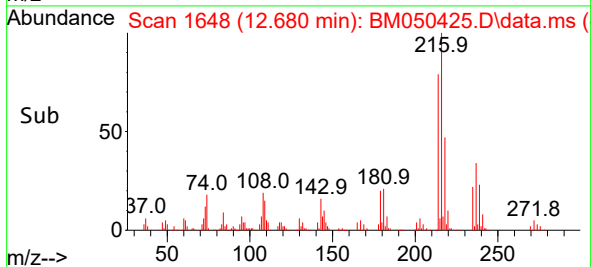
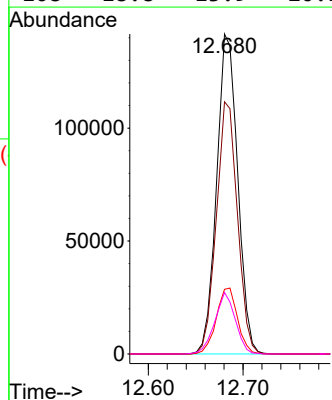
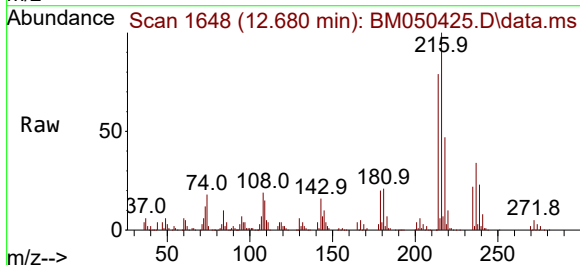
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

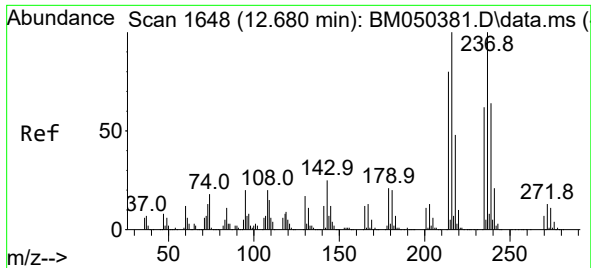
Tgt Ion:164 Resp: 846094
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 45.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.145 ng
RT: 12.680 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:216 Resp: 219145
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 20.7 16.4 24.6
108 18.8 13.9 20.9

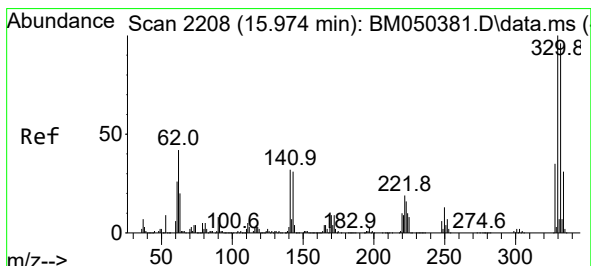
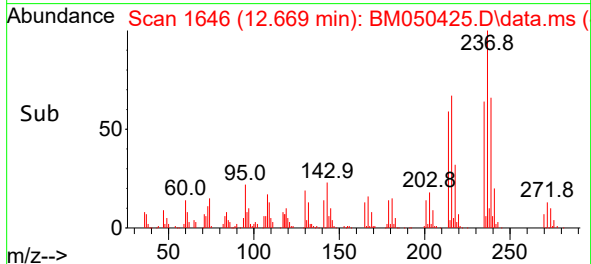
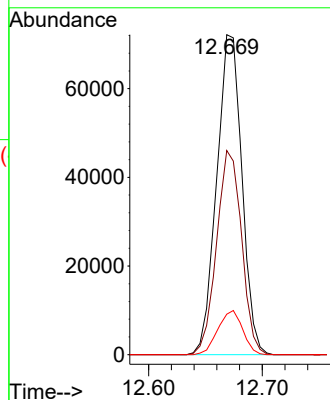
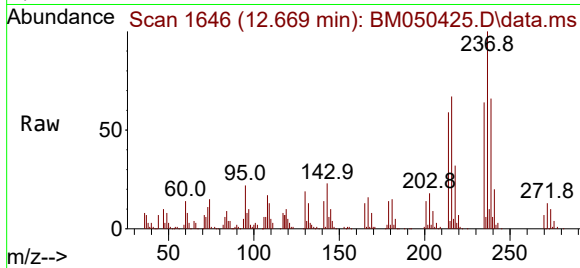




#41
Hexachlorocyclopentadiene
Concen: 6.485 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

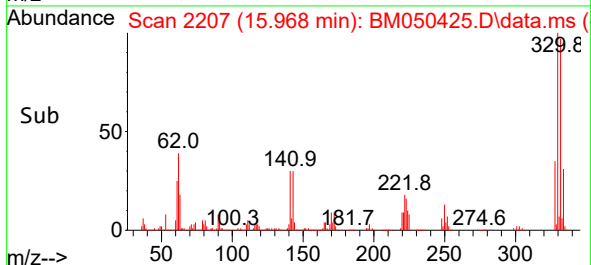
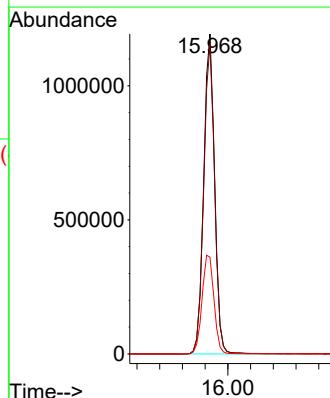
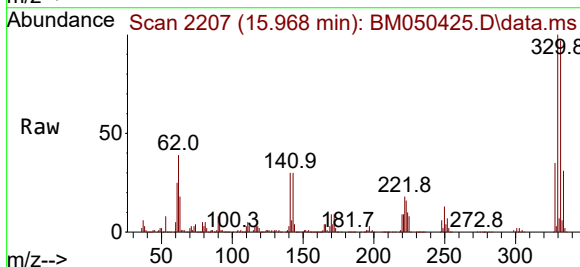
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

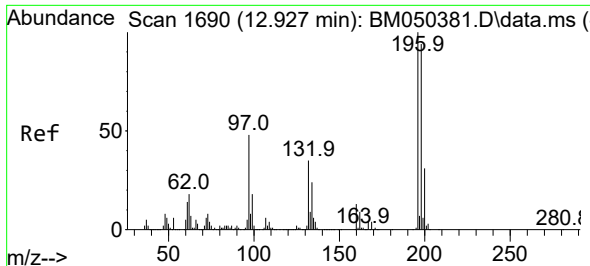
Tgt Ion:237 Resp: 111536
Ion Ratio Lower Upper
237 100
235 63.8 42.3 82.3
272 12.7 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 154.450 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:330 Resp: 1587769
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 33.9 27.4 41.0

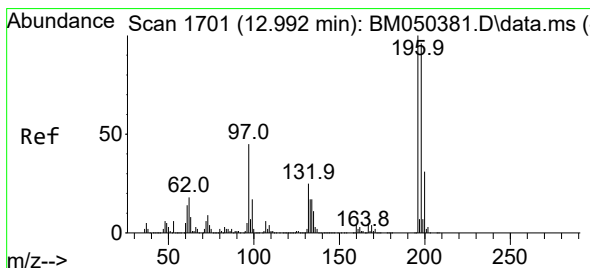
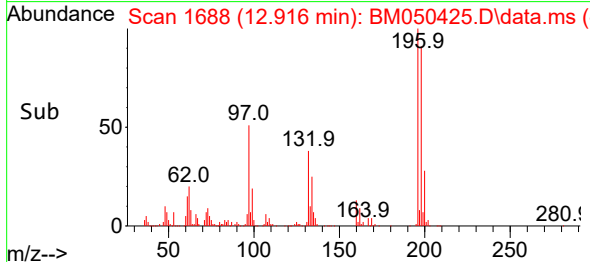
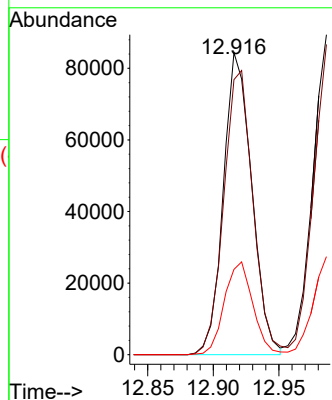
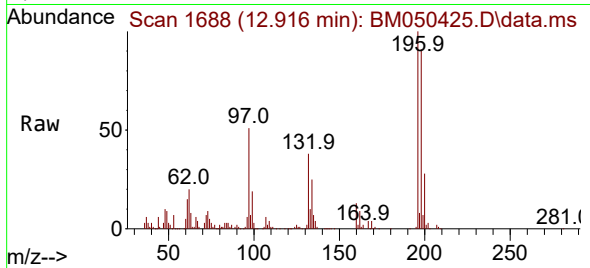




#43
2,4,6-Trichlorophenol
Concen: 7.674 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

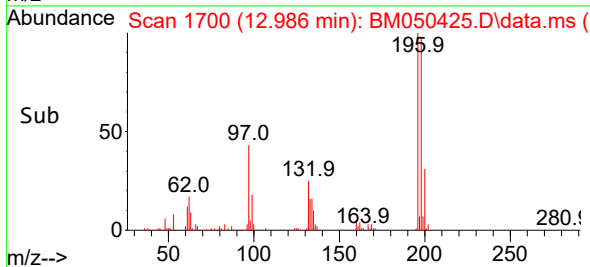
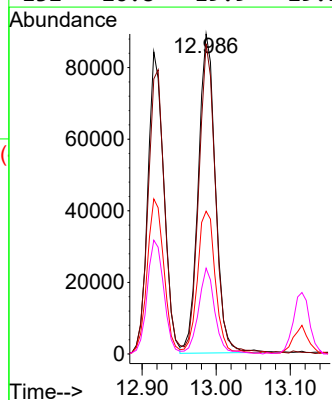
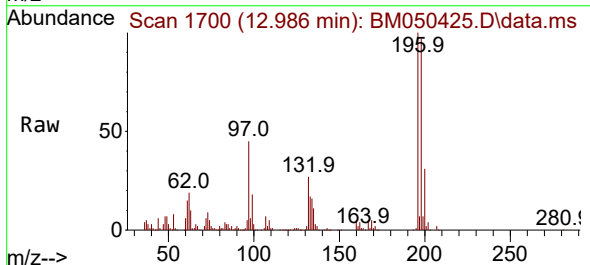
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

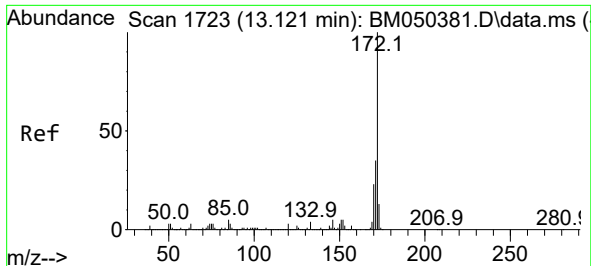
Tgt Ion:196 Resp: 127092
Ion Ratio Lower Upper
196 100
198 91.0 75.1 112.7
200 28.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 7.905 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:196 Resp: 142993
Ion Ratio Lower Upper
196 100
198 97.0 77.2 115.8
97 44.6 36.2 54.4
132 26.8 19.9 29.9

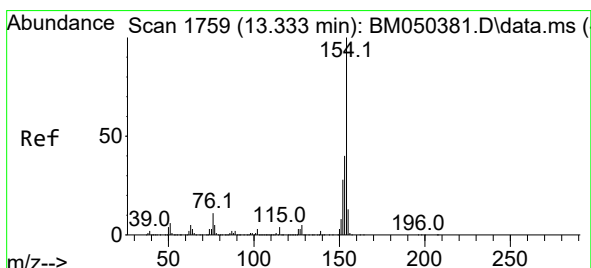
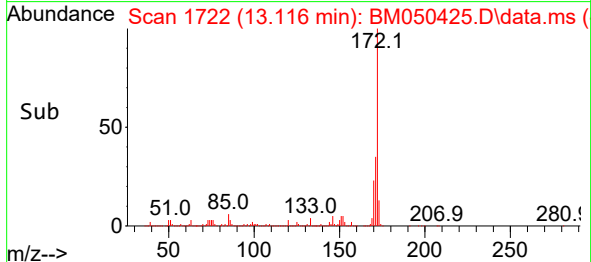
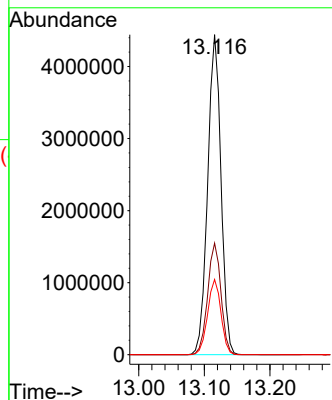
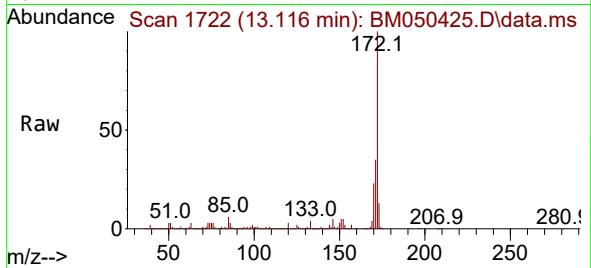




#45
2-Fluorobiphenyl
Concen: 91.589 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

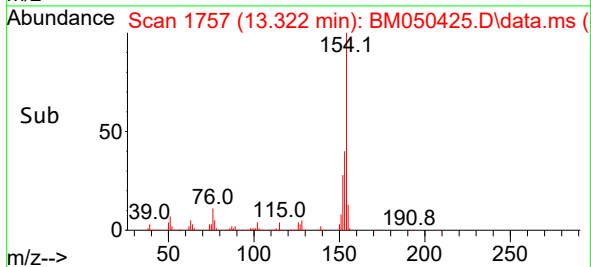
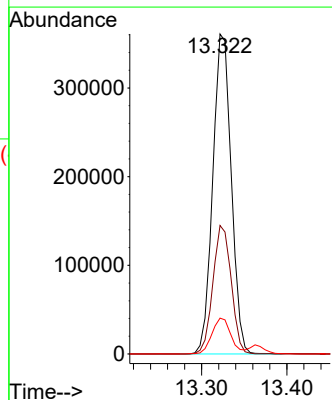
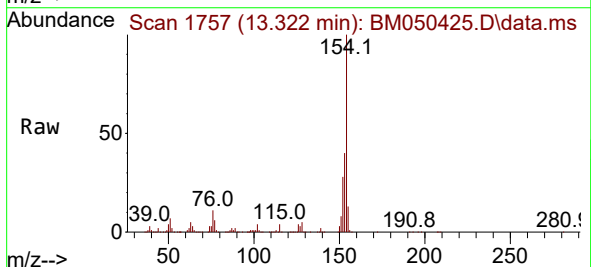
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

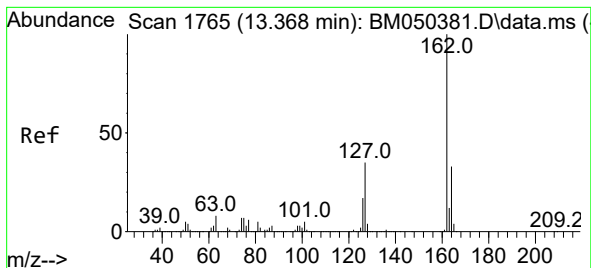
Tgt Ion:172 Resp: 6275099
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.683 ng
RT: 13.322 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:154 Resp: 545043
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 11.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 8.618 ng

RT: 13.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

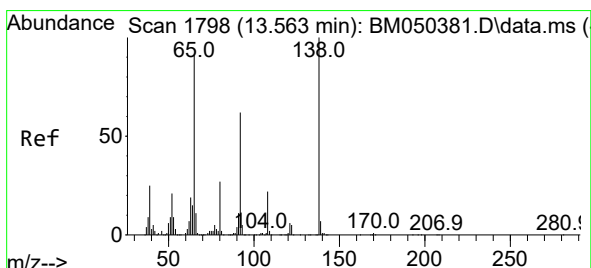
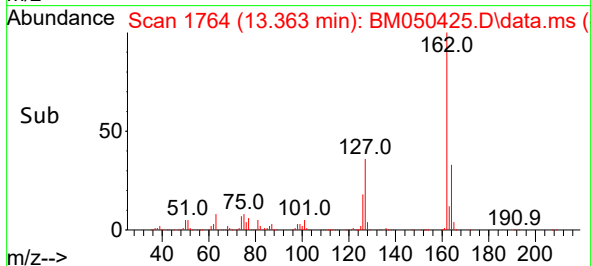
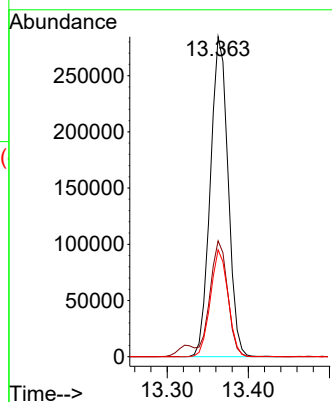
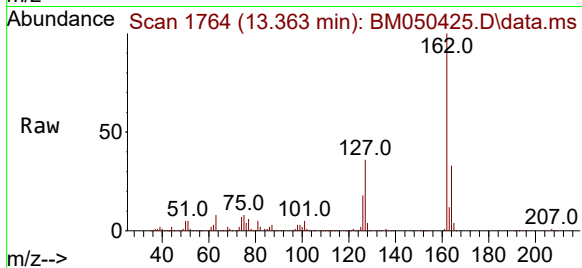
Tgt Ion:162 Resp: 431346

Ion Ratio Lower Upper

162 100

127 36.2 28.3 42.5

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 7.297 ng

RT: 13.557 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

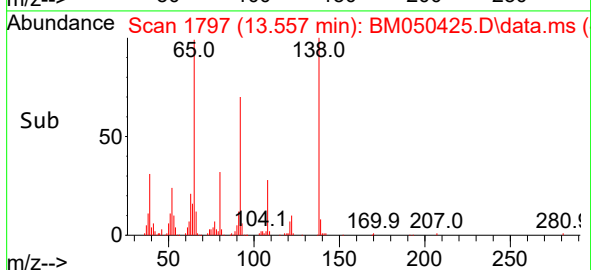
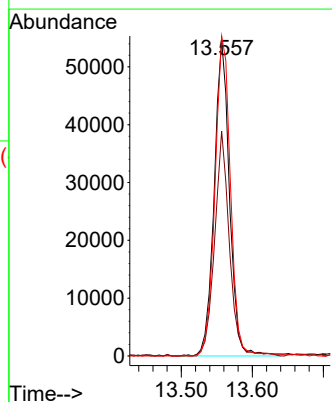
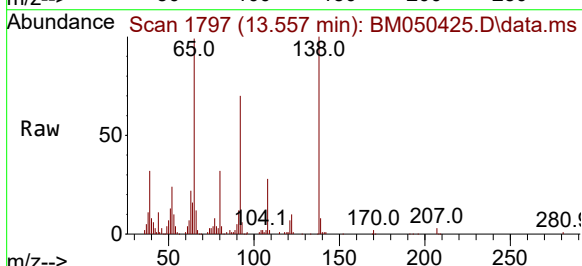
Tgt Ion: 65 Resp: 81522

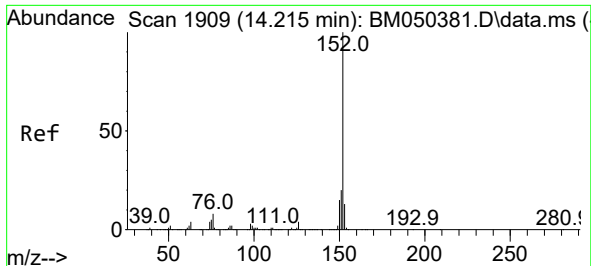
Ion Ratio Lower Upper

65 100

92 71.2 54.3 81.5

138 101.3 87.8 131.6

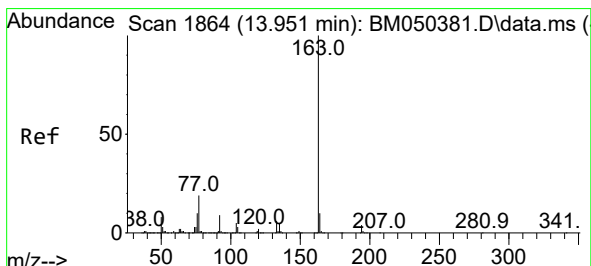
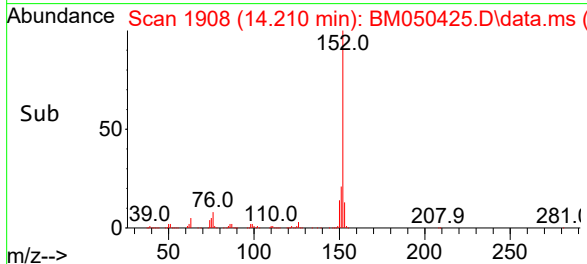
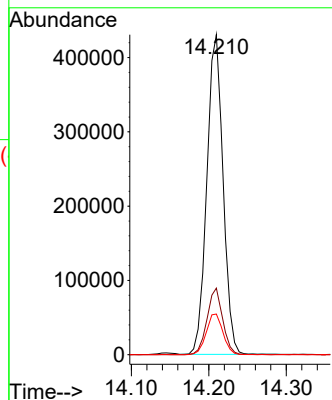
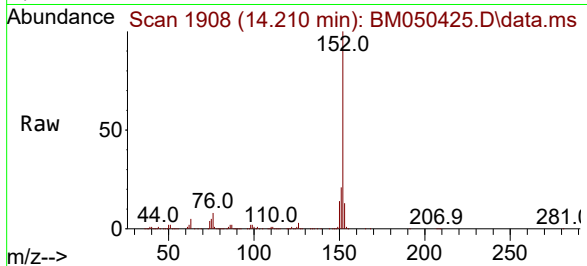




#49
Acenaphthylene
Concen: 8.273 ng
RT: 14.210 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

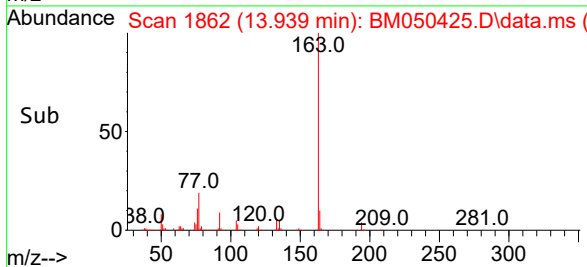
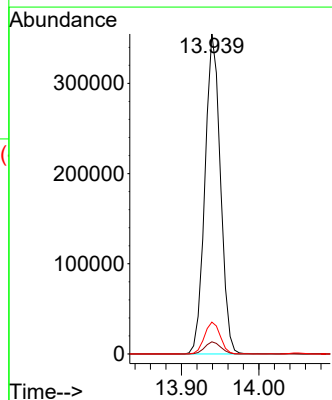
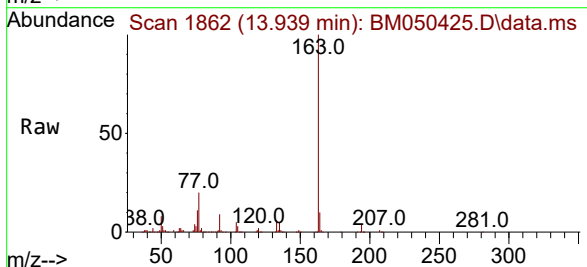
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

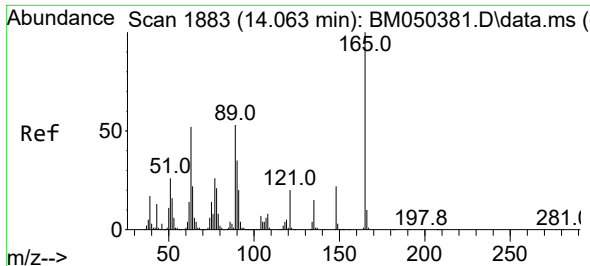
Tgt Ion:152 Resp: 625802
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 8.447 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:163 Resp: 492078
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.0 8.2 12.2

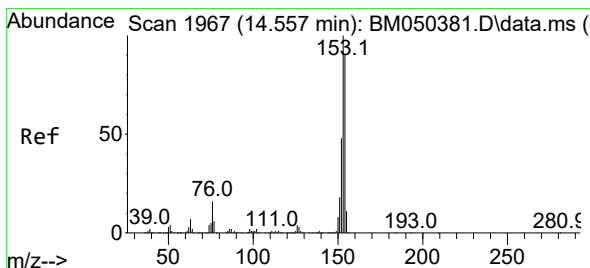
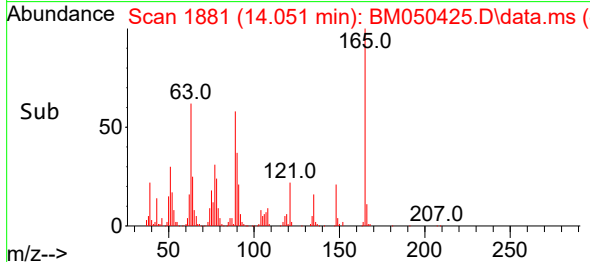
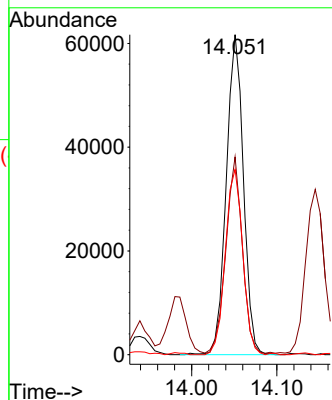
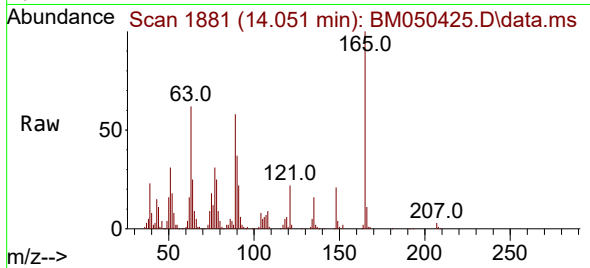




#51
2,6-Dinitrotoluene
Concen: 7.729 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

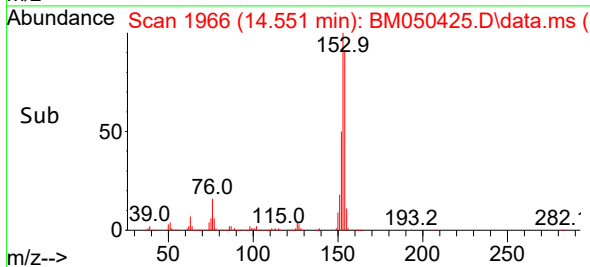
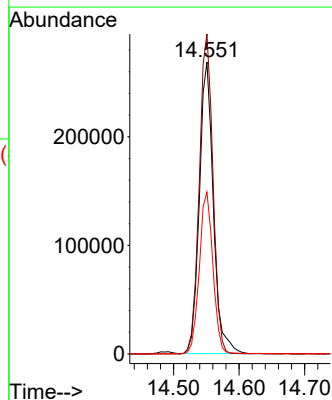
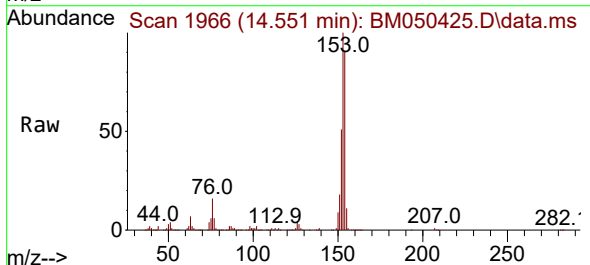
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

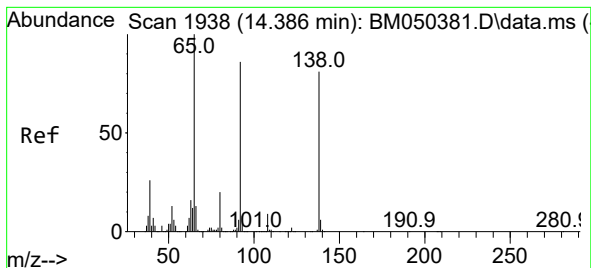
Tgt Ion:165 Resp: 86447
Ion Ratio Lower Upper
165 100
63 61.8 42.4 63.6
89 57.9 42.2 63.2



#52
Acenaphthene
Concen: 8.321 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:154 Resp: 400160
Ion Ratio Lower Upper
154 100
153 109.6 89.2 133.8
152 55.4 42.6 64.0





#53

3-Nitroaniline

Concen: 7.402 ng

RT: 14.374 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

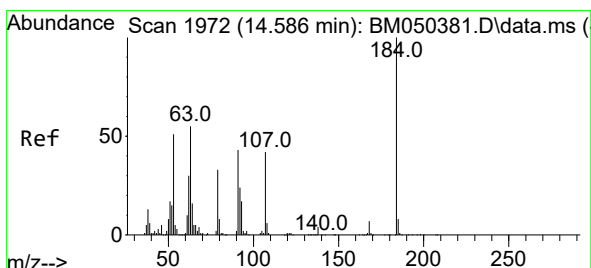
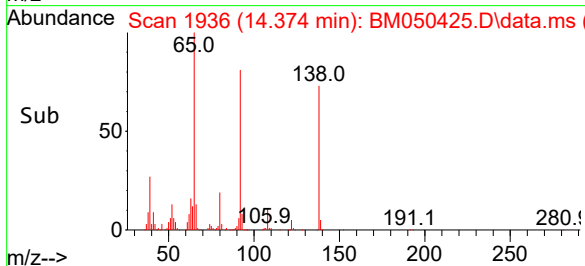
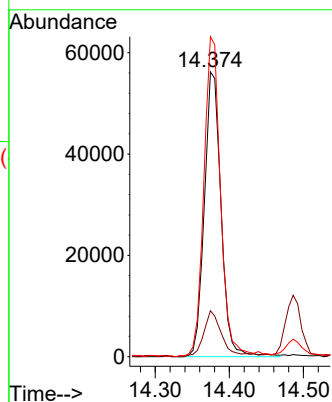
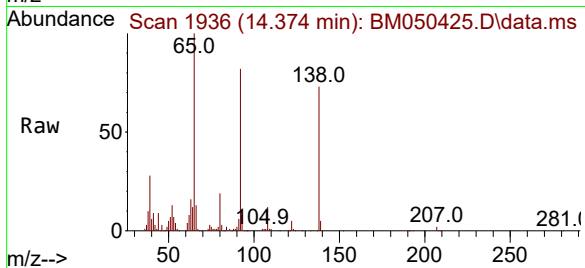
Tgt Ion:138 Resp: 88043

Ion Ratio Lower Upper

138 100

108 16.1 8.8 13.2#

92 112.4 85.0 127.6



#54

2,4-Dinitrophenol

Concen: 10.714 ng

RT: 14.580 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

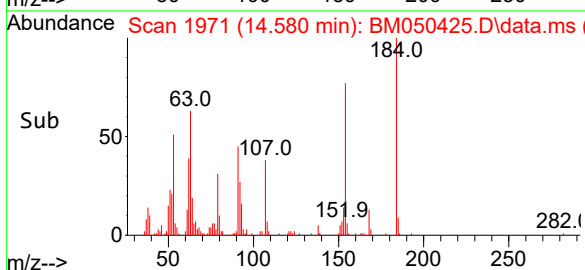
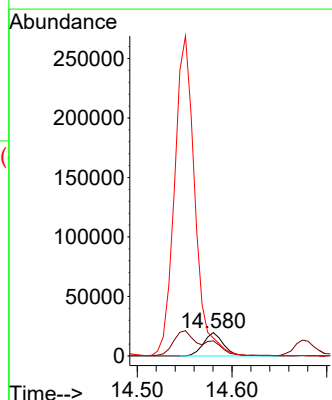
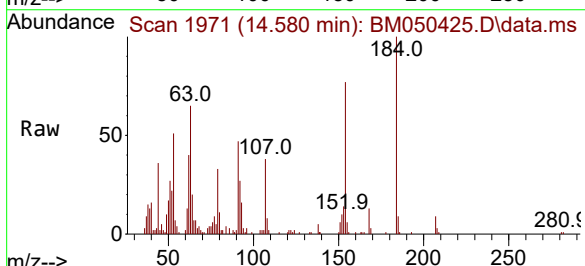
Tgt Ion:184 Resp: 28897

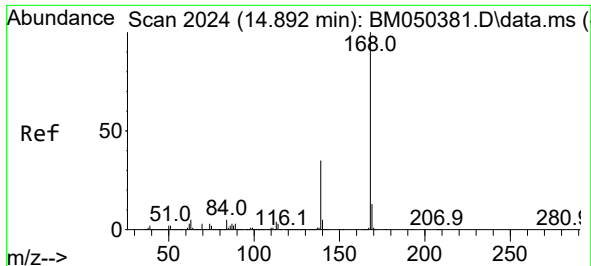
Ion Ratio Lower Upper

184 100

63 64.6 53.4 80.0

154 76.9 61.6 92.4

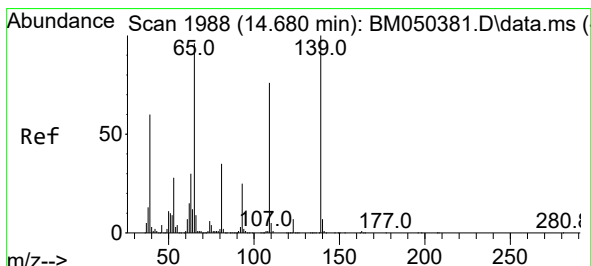
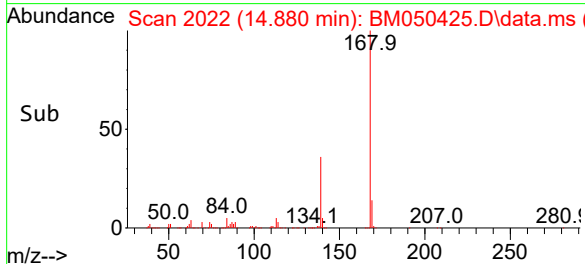
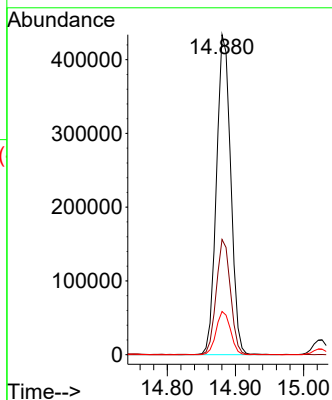
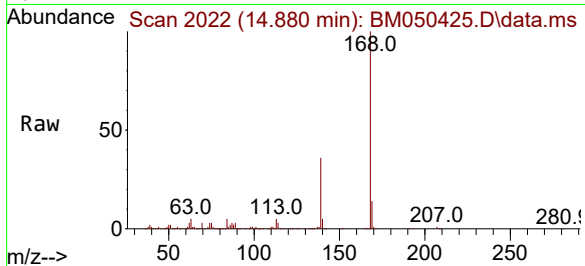




#55
Dibenzenofuran
Concen: 8.539 ng
RT: 14.880 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

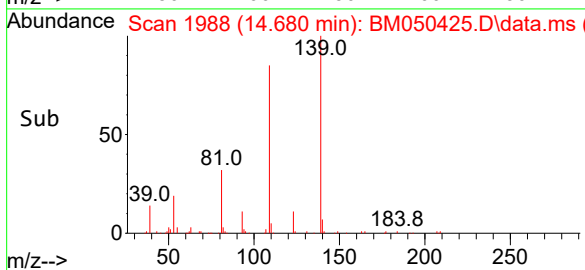
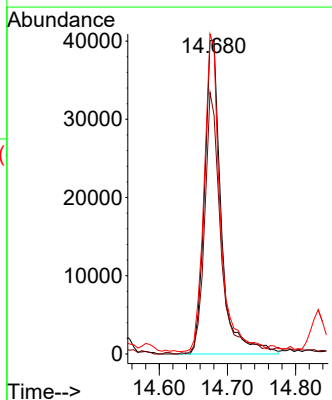
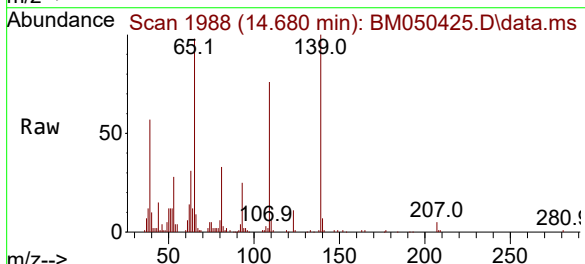
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

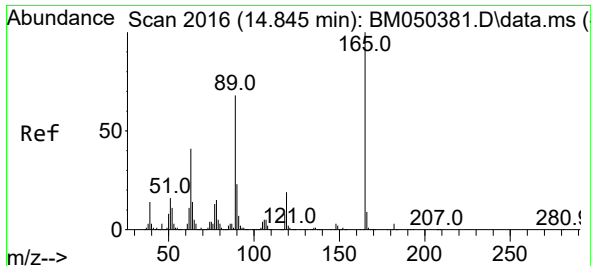
Tgt Ion:168 Resp: 632701
Ion Ratio Lower Upper
168 100
139 36.0 27.7 41.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 6.677 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:139 Resp: 68298
Ion Ratio Lower Upper
139 100
109 76.1 56.5 96.5
65 97.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 8.545 ng

RT: 14.833 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:165 Resp: 103329

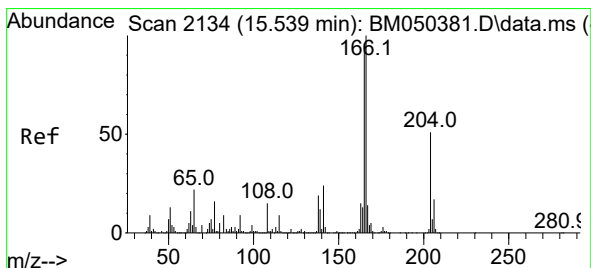
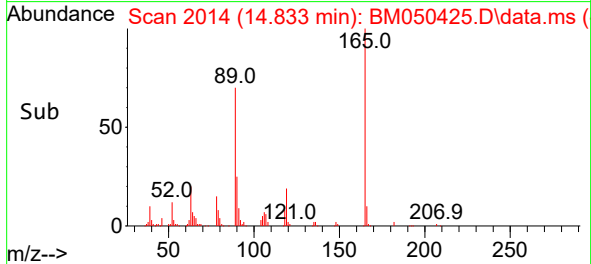
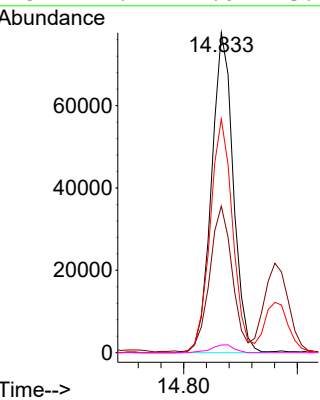
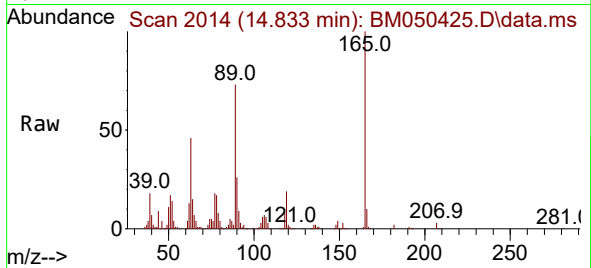
Ion Ratio Lower Upper

165 100

63 45.8 32.5 48.7

89 73.0 54.0 81.0

182 2.4 2.0 3.0



#58

Fluorene

Concen: 8.122 ng

RT: 15.527 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

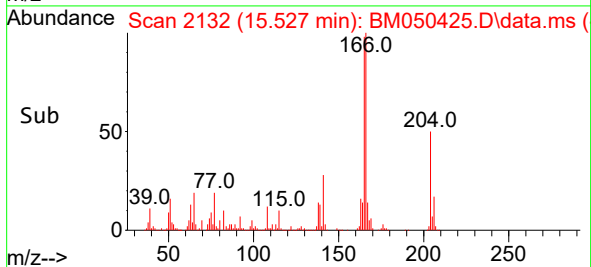
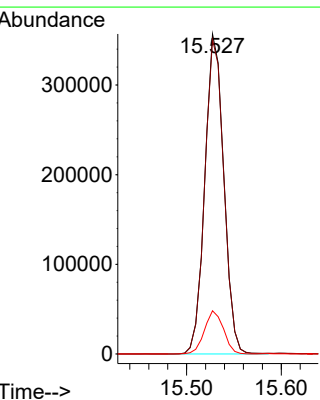
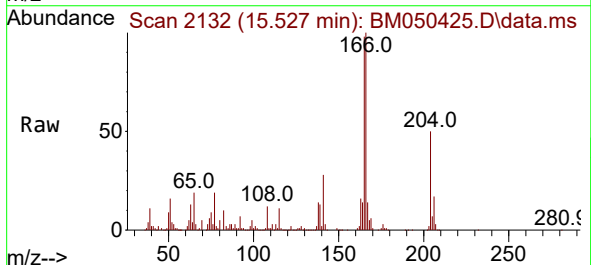
Tgt Ion:166 Resp: 495688

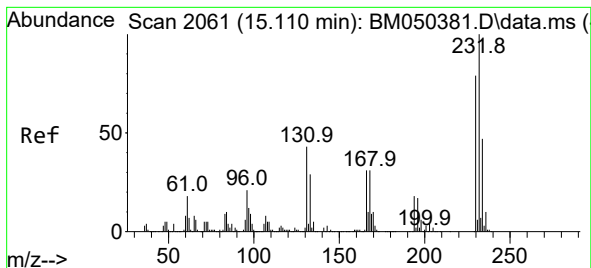
Ion Ratio Lower Upper

166 100

165 98.3 77.0 115.6

167 13.5 10.9 16.3

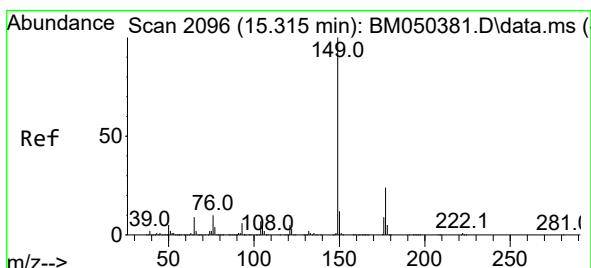
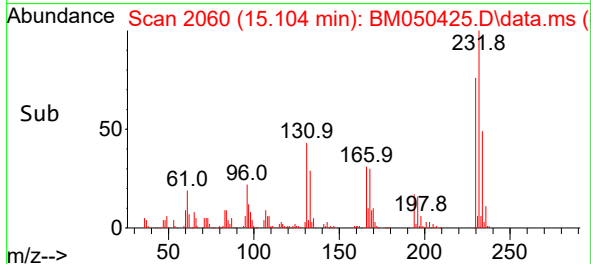
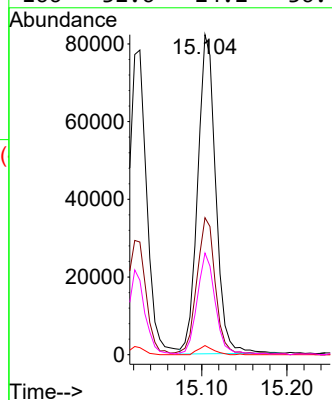
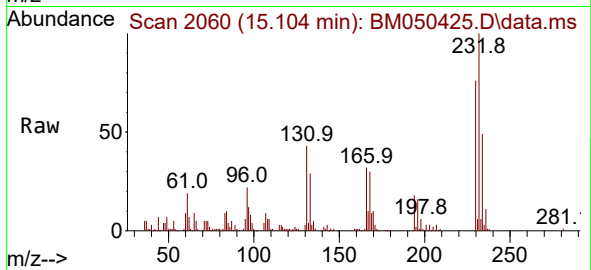




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.921 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

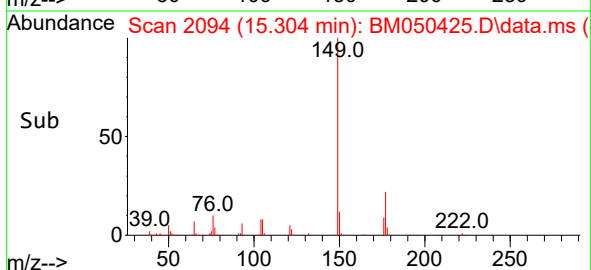
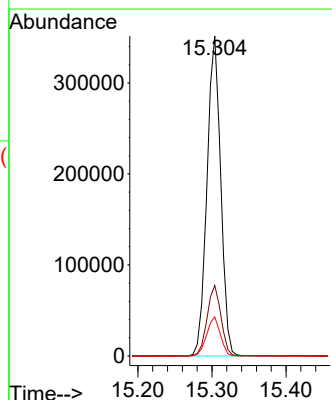
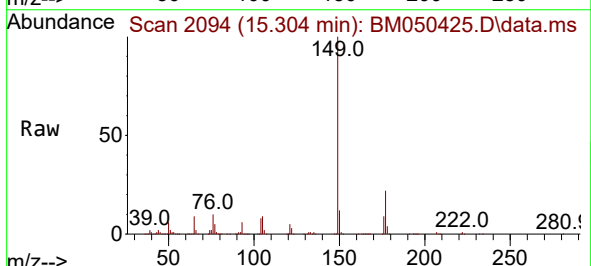
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

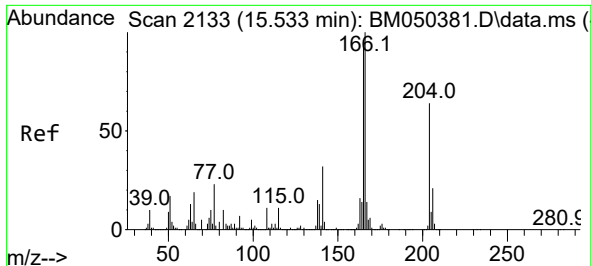
Tgt Ion:232 Resp: 120605
Ion Ratio Lower Upper
232 100
131 43.1 33.4 50.0
130 2.4 1.8 2.6
166 32.6 24.2 36.4



#60
Diethylphthalate
Concen: 8.128 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:149 Resp: 452264
Ion Ratio Lower Upper
149 100
177 22.1 18.8 28.2
150 12.2 9.8 14.8

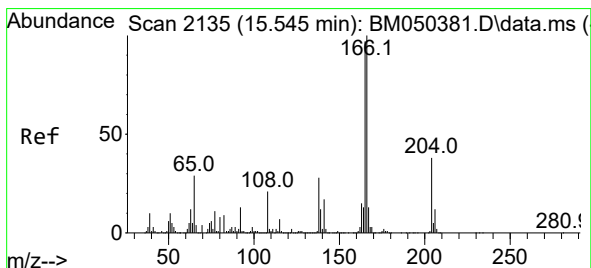
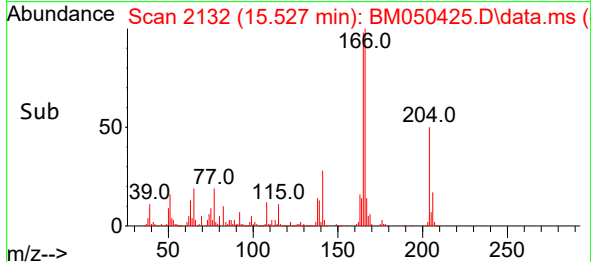
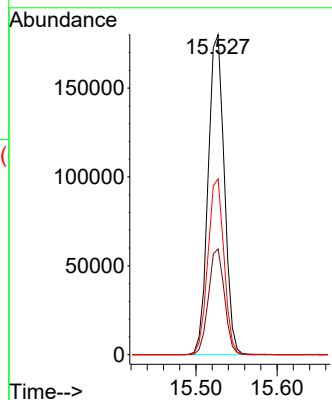
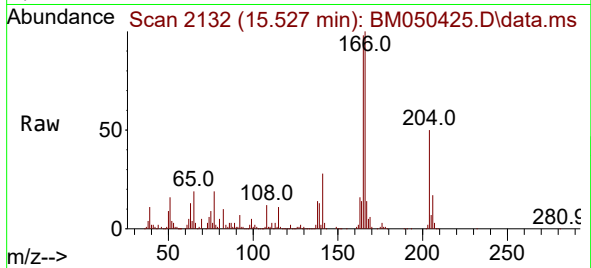




#61
4-Chlorophenyl-phenylether
Concen: 7.780 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

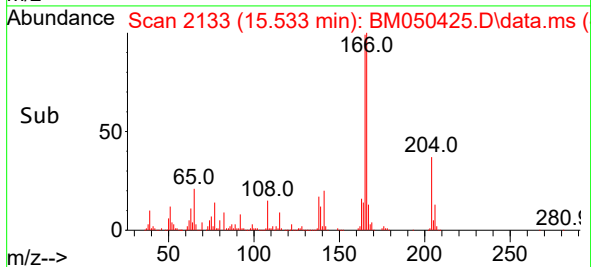
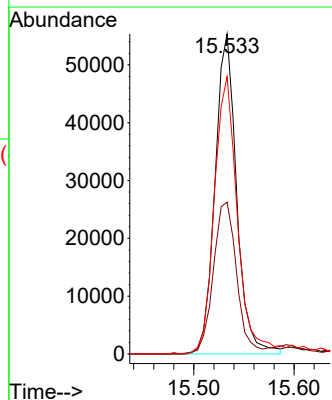
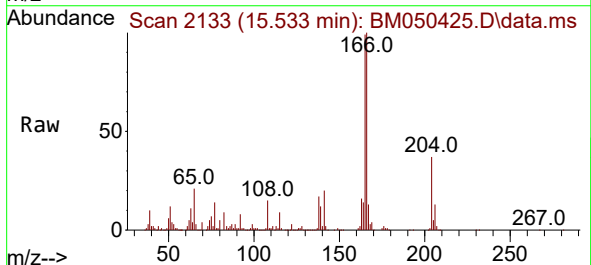
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

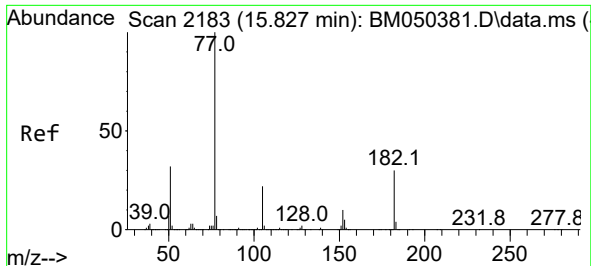
Tgt Ion:204 Resp: 248279
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 55.0 39.9 59.9



#62
4-Nitroaniline
Concen: 8.315 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:138 Resp: 82797
Ion Ratio Lower Upper
138 100
92 47.4 24.5 64.5
108 86.6 52.5 92.5

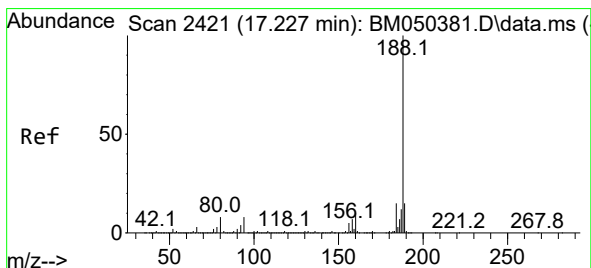
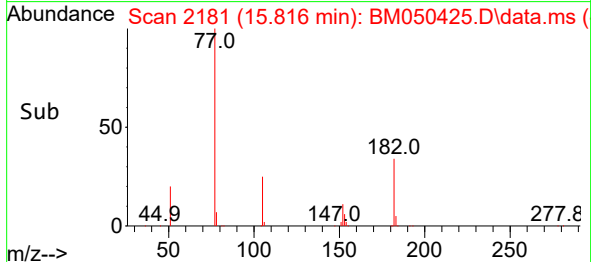
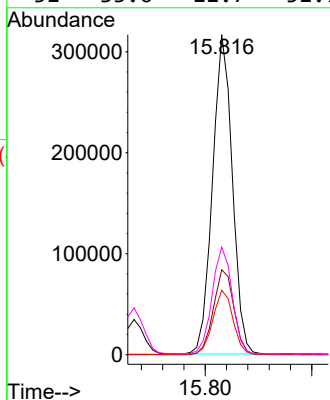
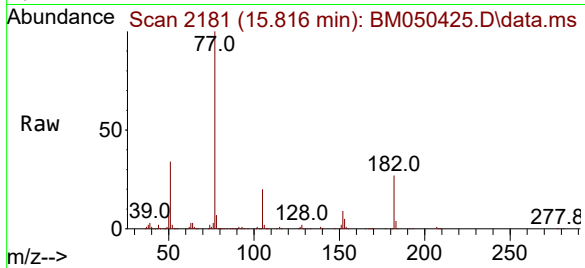




#63
Azobenzene
Concen: 7.977 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

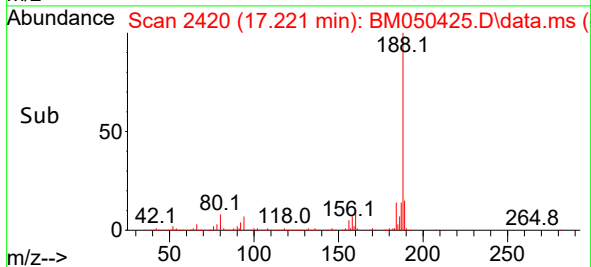
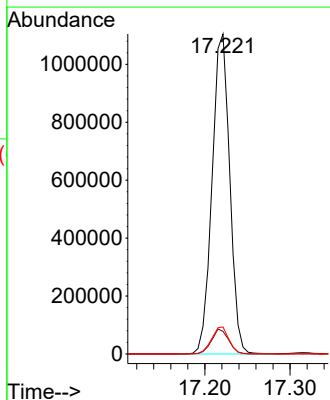
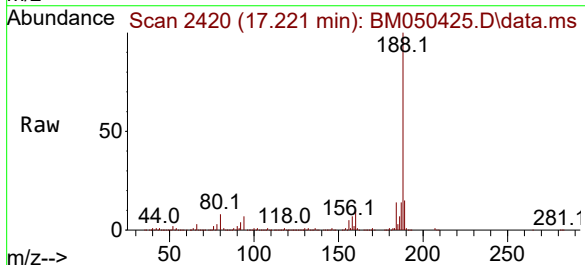
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

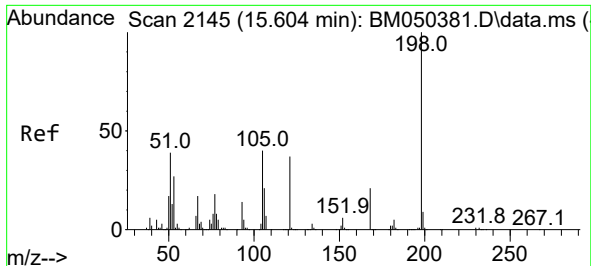
Tgt Ion: 77	Resp: 407574
Ion Ratio	Lower Upper
77 100	
182 26.5	10.0 50.0
105 20.2	2.0 42.0
51 33.6	11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:188	Resp: 1593164		
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.0	9.0
80	8.5	6.5	9.7

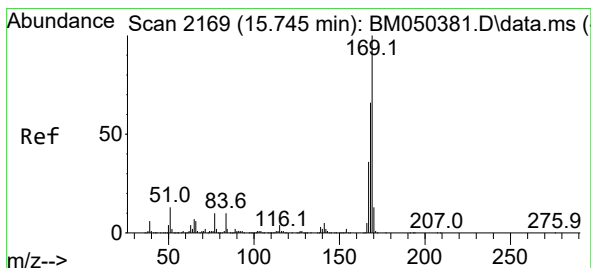
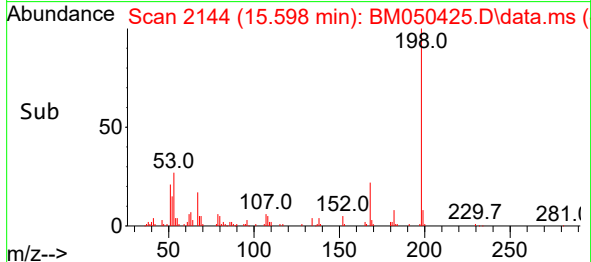
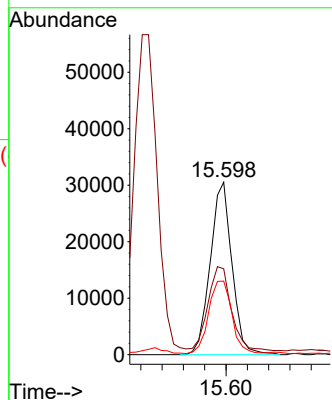
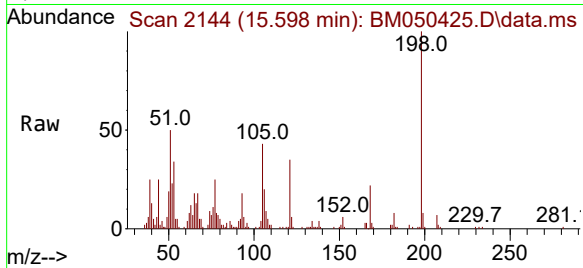




#65
4,6-Dinitro-2-methylphenol
Concen: 10.683 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

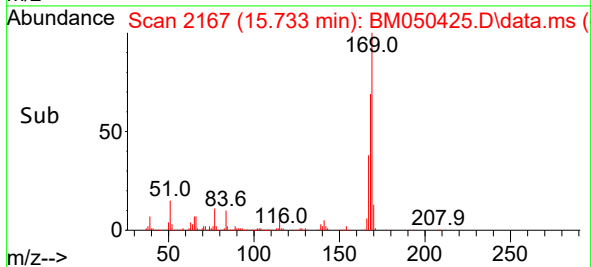
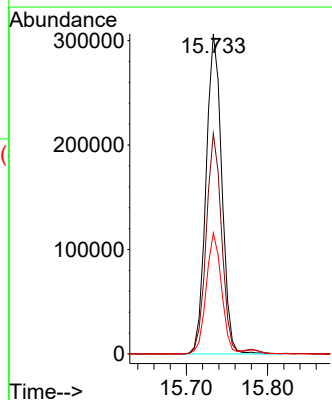
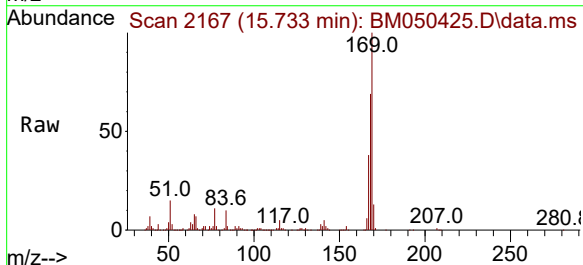
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

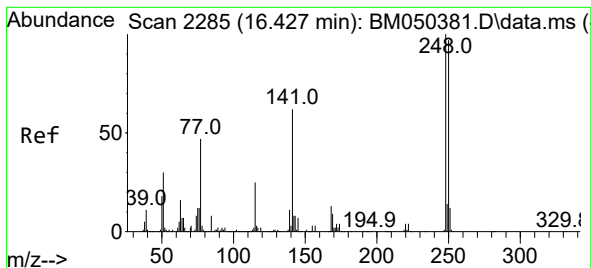
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.8	26.6	66.6
105	42.6	20.9	60.9



#66
n-Nitrosodiphenylamine
Concen: 8.258 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.9	53.2	79.8
167	37.8	28.7	43.1

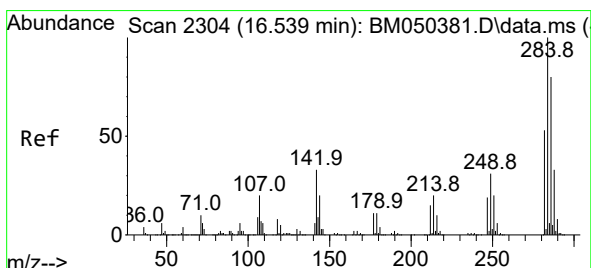
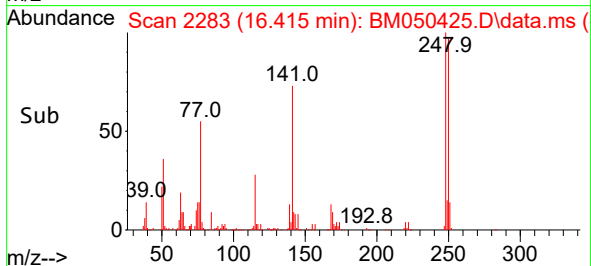
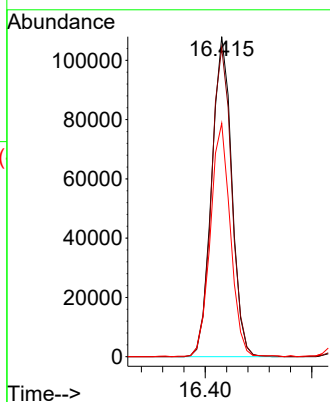
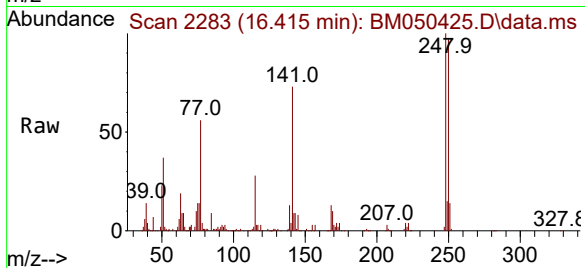




#67
4-Bromophenyl-phenylether
Concen: 8.029 ng
RT: 16.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

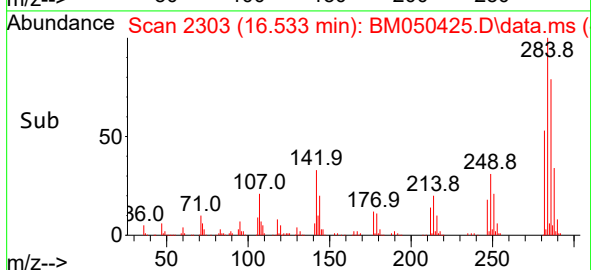
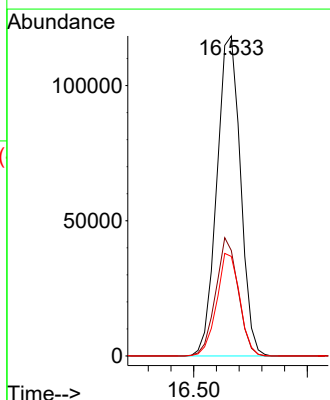
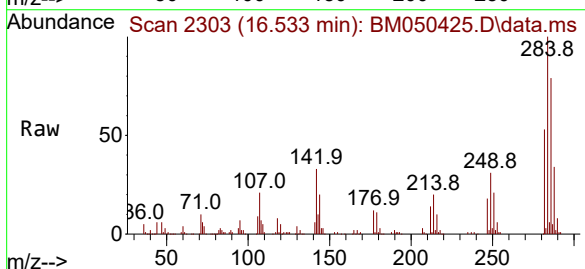
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

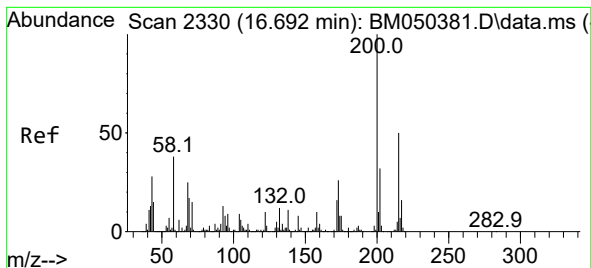
Tgt Ion:248 Resp: 140926
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 73.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 8.236 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:284 Resp: 170741
Ion Ratio Lower Upper
284 100
142 33.0 26.8 40.2
249 31.1 24.5 36.7





#69

Atrazine

Concen: 7.987 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

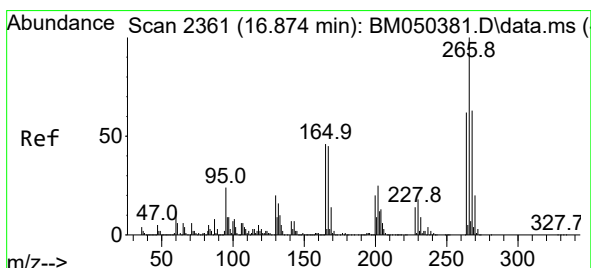
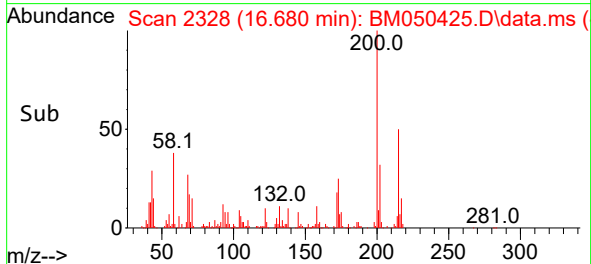
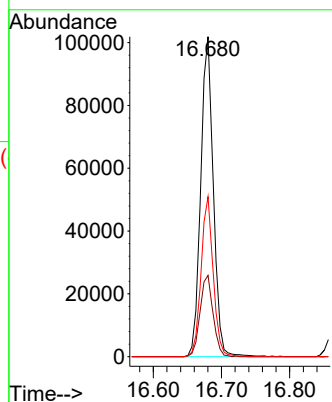
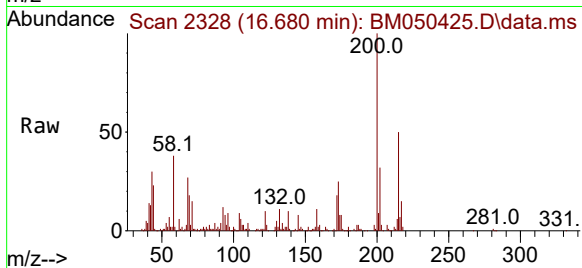
Tgt Ion:200 Resp: 130740

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 50.0 29.6 69.6



#70

Pentachlorophenol

Concen: 7.147 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

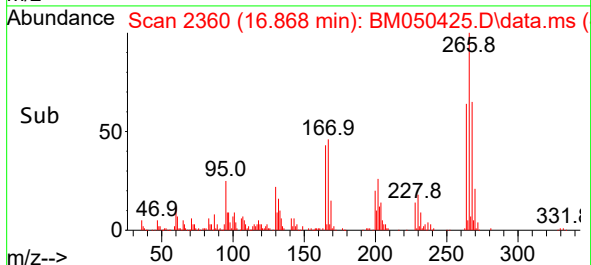
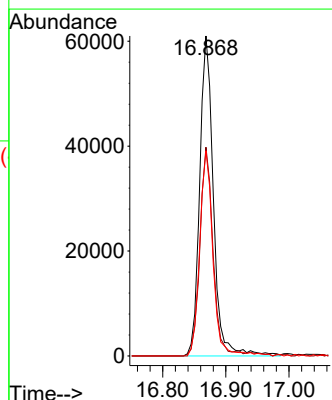
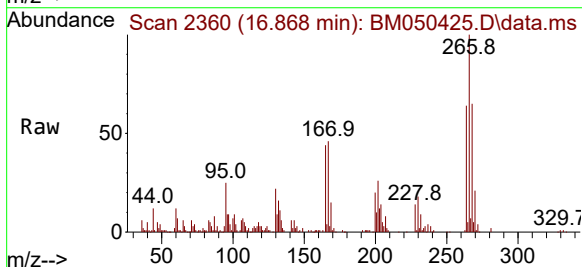
Tgt Ion:266 Resp: 92235

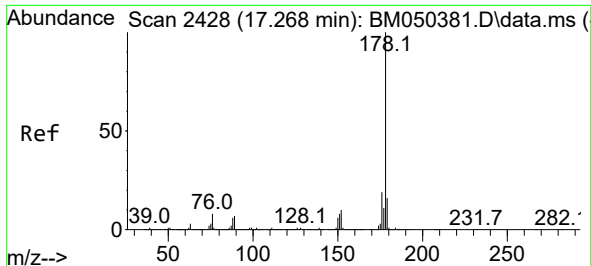
Ion Ratio Lower Upper

266 100

268 65.2 50.5 75.7

264 64.2 49.9 74.9

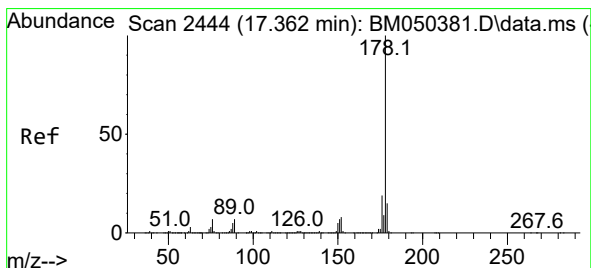
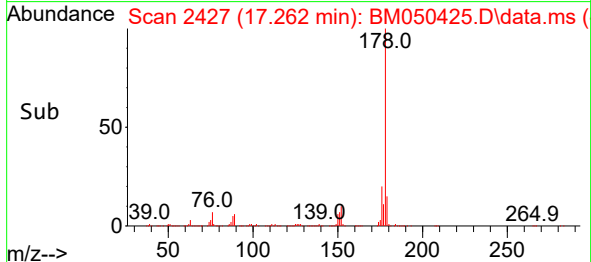
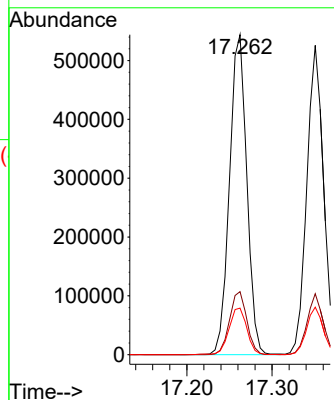
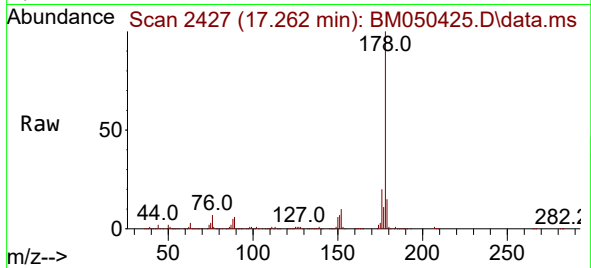




#71
Phenanthrene
Concen: 8.503 ng
RT: 17.262 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

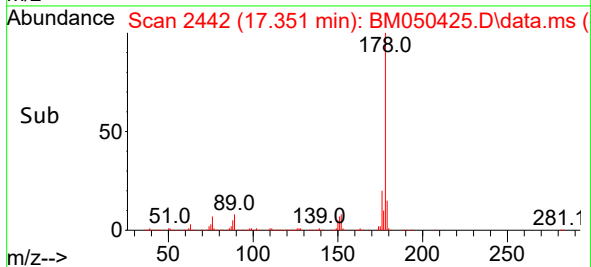
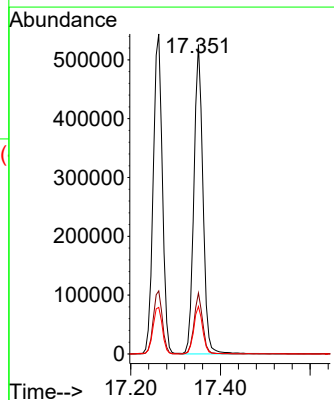
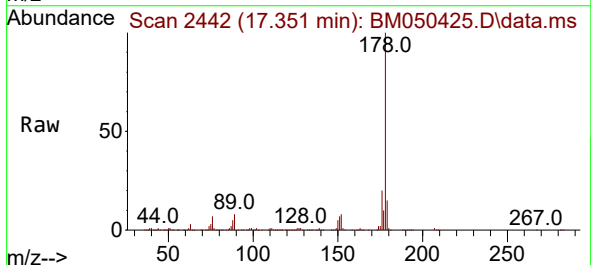
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

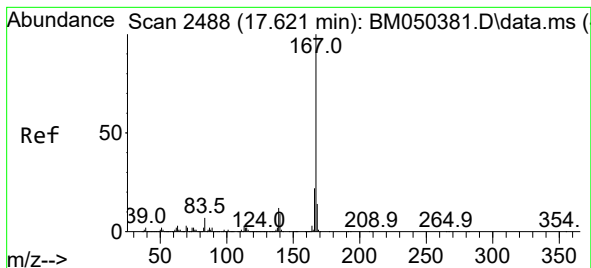
Tgt Ion:178 Resp: 766575
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 14.6 12.5 18.7



#72
Anthracene
Concen: 8.157 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:178 Resp: 731960
Ion Ratio Lower Upper
178 100
176 19.7 14.9 22.3
179 15.3 12.2 18.4





#73

Carbazole

Concen: 8.343 ng

RT: 17.615 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

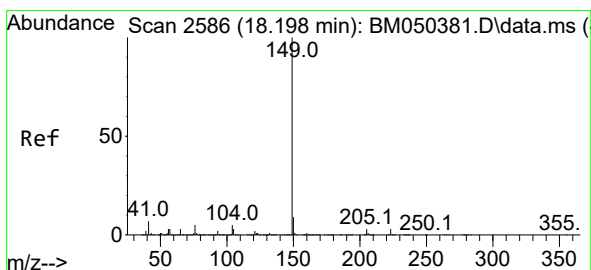
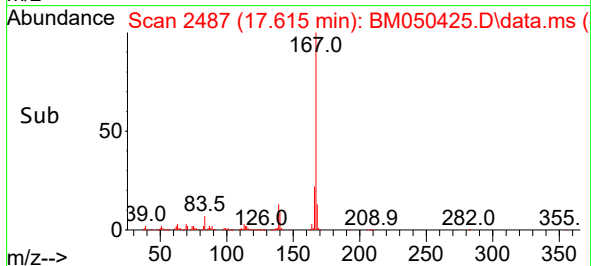
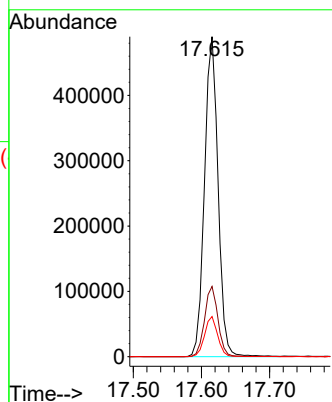
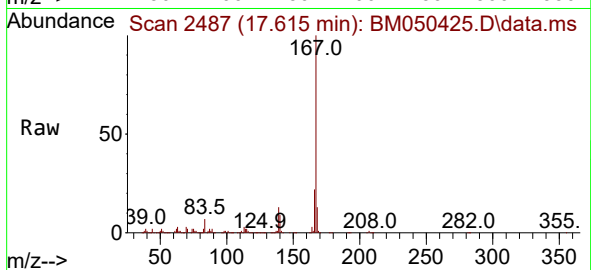
Tgt Ion:167 Resp: 677442

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 12.6 9.9 14.9



#74

Di-n-butylphthalate

Concen: 7.508 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

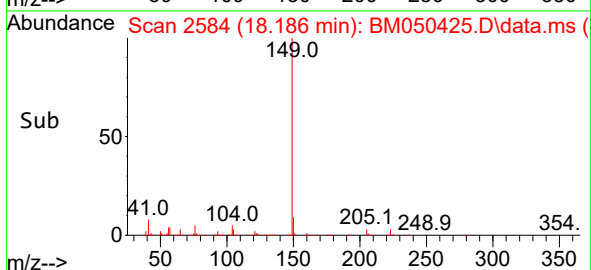
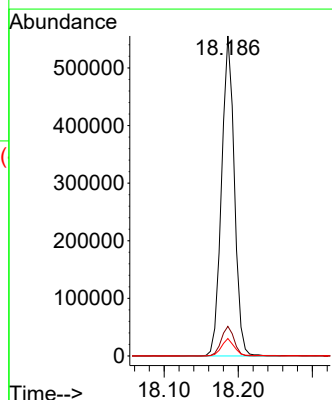
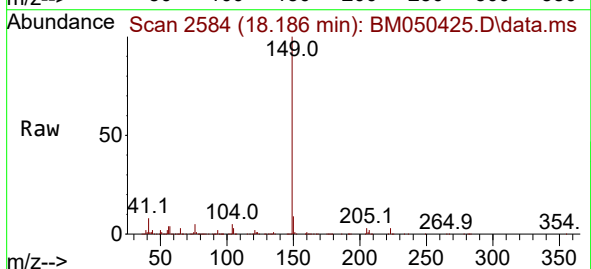
Tgt Ion:149 Resp: 667205

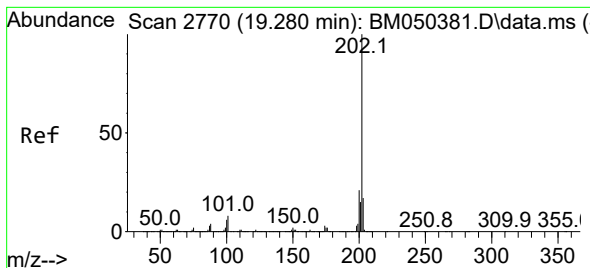
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.5 3.9 5.9





#75

Fluoranthene

Concen: 8.067 ng

RT: 19.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

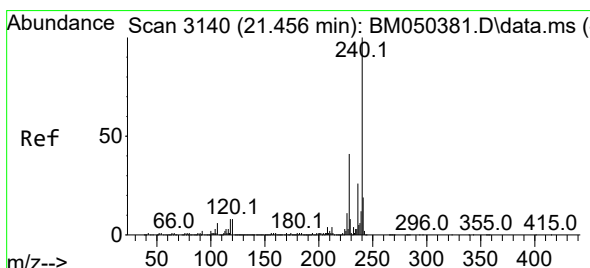
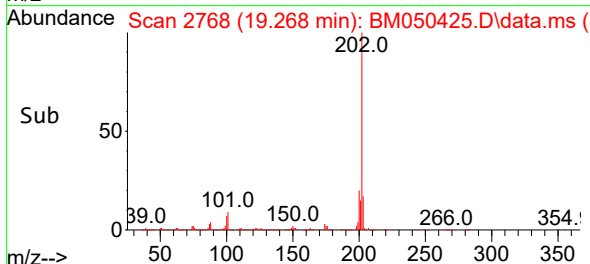
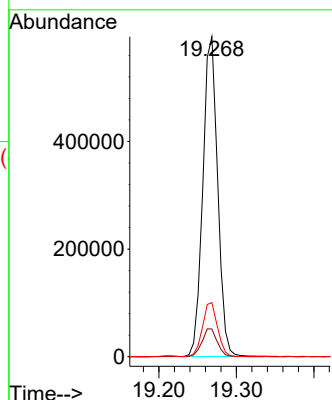
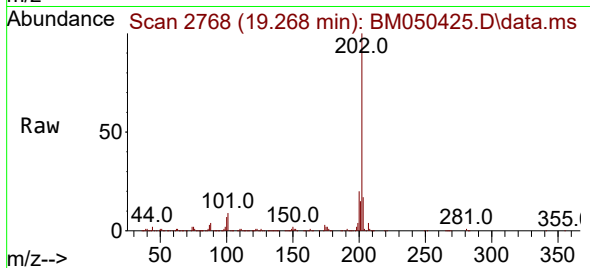
Tgt Ion:202 Resp: 790554

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.3

203 16.9 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.018 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

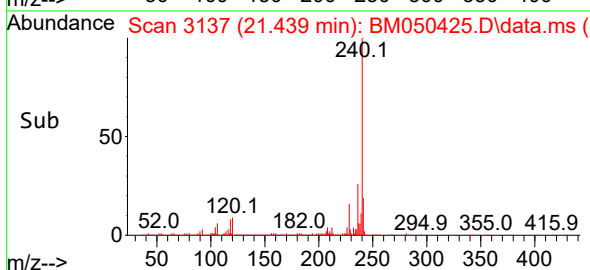
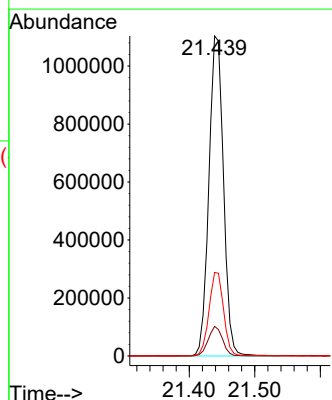
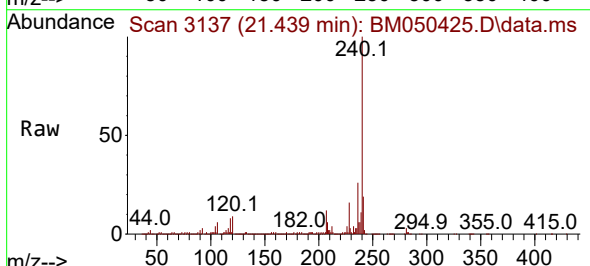
Tgt Ion:240 Resp: 1711574

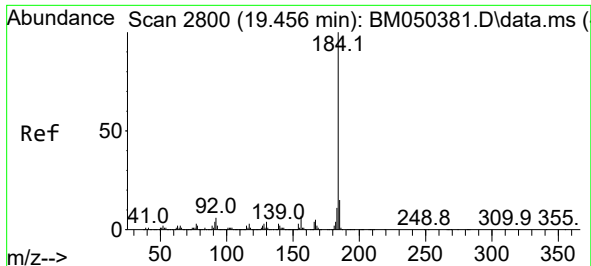
Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

236 26.1 20.7 31.1

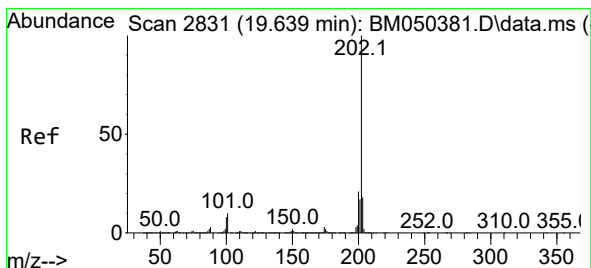
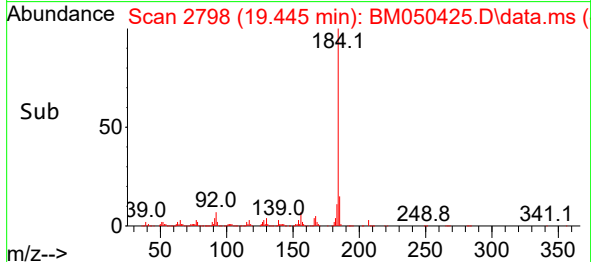
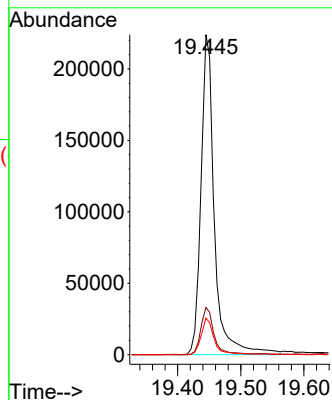
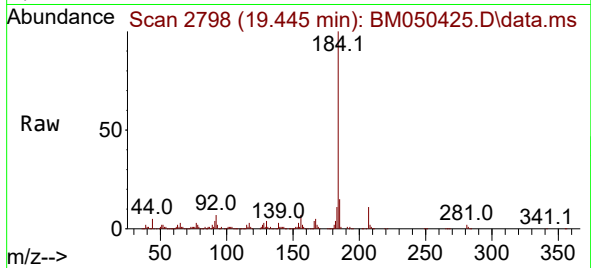




#77
Benzidine
Concen: 7.563 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

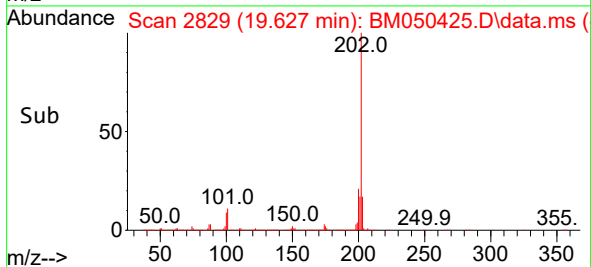
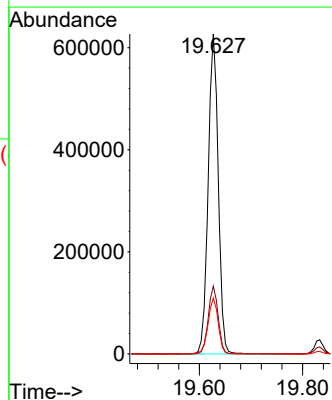
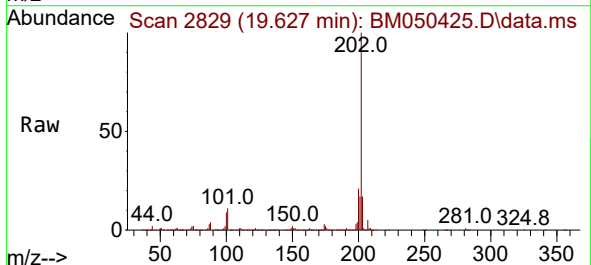
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2025

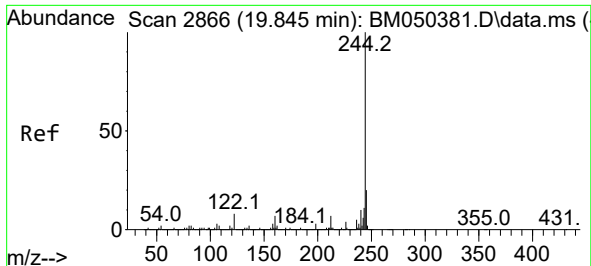
Tgt Ion:184 Resp: 330177
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.4 9.0 13.6



#78
Pyrene
Concen: 7.737 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050425.D
Acq: 14 Jul 2025 14:12

Tgt Ion:202 Resp: 848091
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1

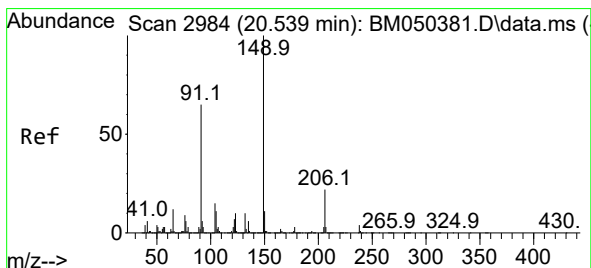
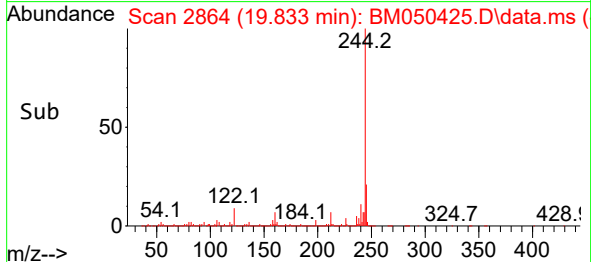
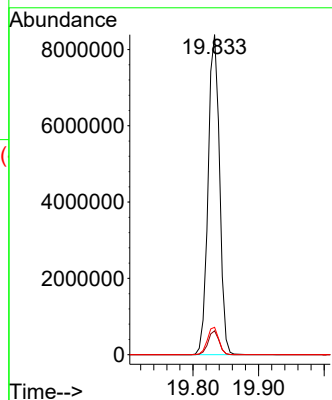
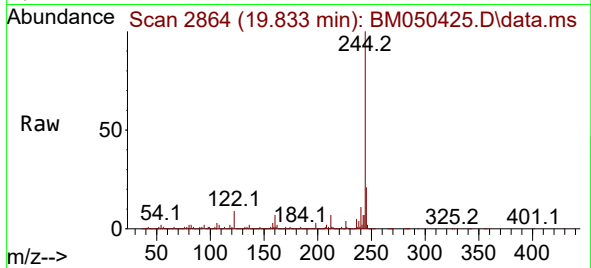




#79
 Terphenyl-d14
 Concen: 104.722 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050425.D
 Acq: 14 Jul 2025 14:12

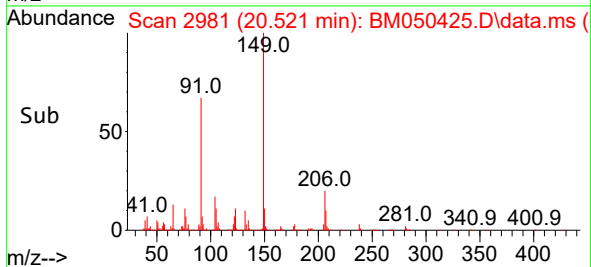
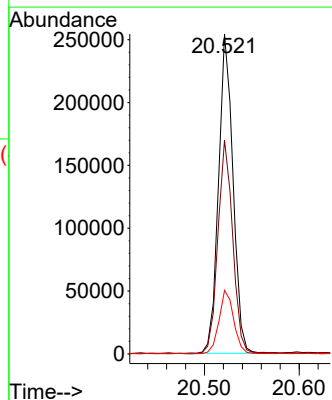
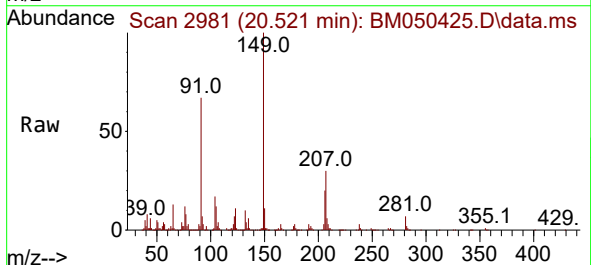
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2025

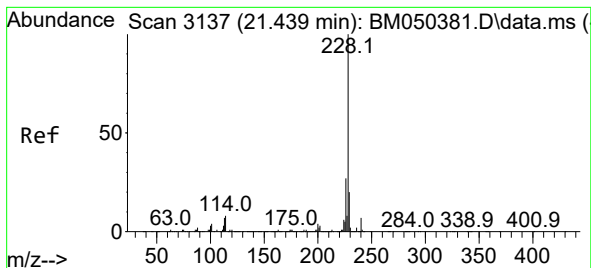
Tgt Ion:244 Resp:10187176
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.5 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 7.497 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.018 min
 Lab File: BM050425.D
 Acq: 14 Jul 2025 14:12

Tgt Ion:149 Resp: 270978
 Ion Ratio Lower Upper
 149 100
 91 66.8 51.6 77.4
 206 19.8 17.8 26.8





#81

Benzo(a)anthracene

Concen: 8.203 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

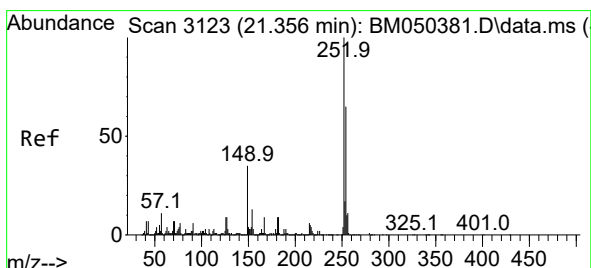
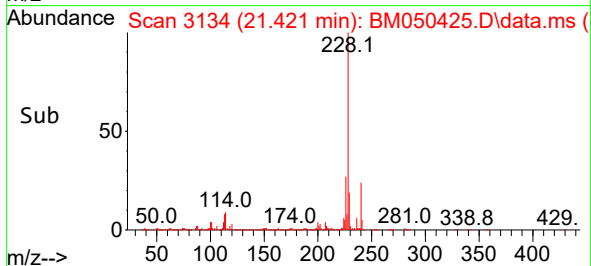
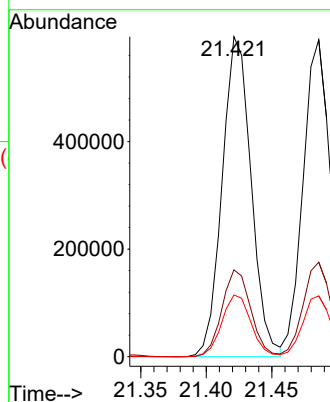
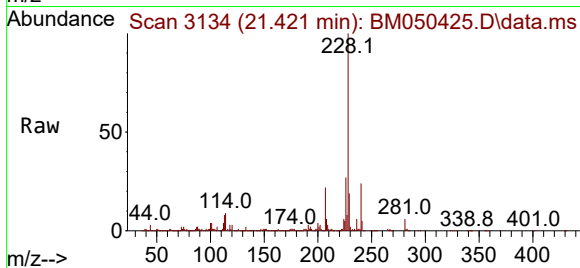
Tgt Ion:228 Resp: 914779

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 7.611 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

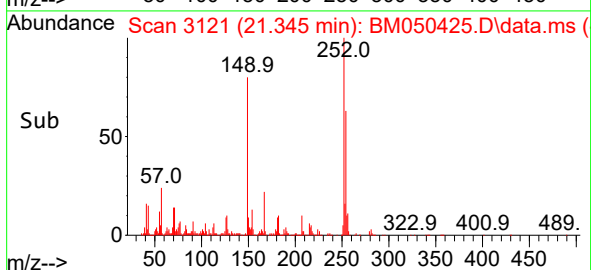
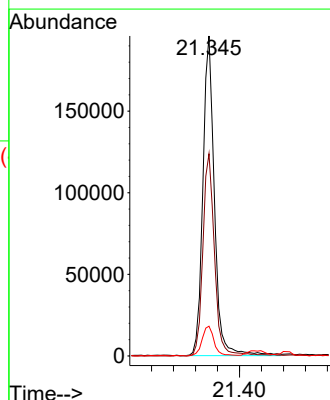
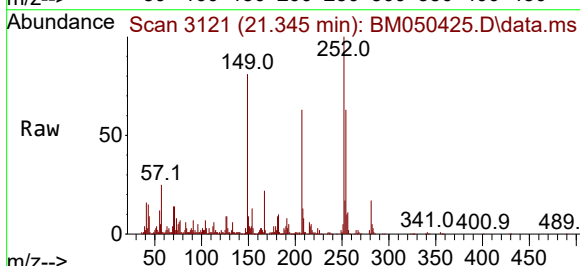
Tgt Ion:252 Resp: 286252

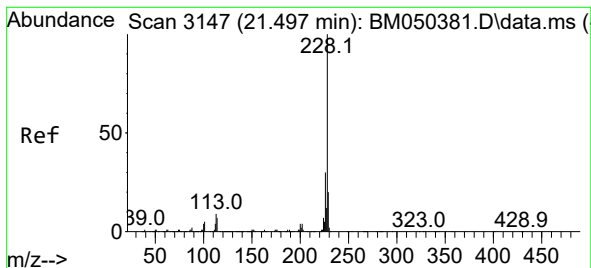
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 9.3 7.3 10.9





#83

Chrysene

Concen: 8.306 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

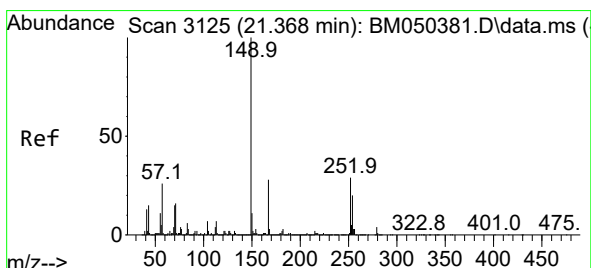
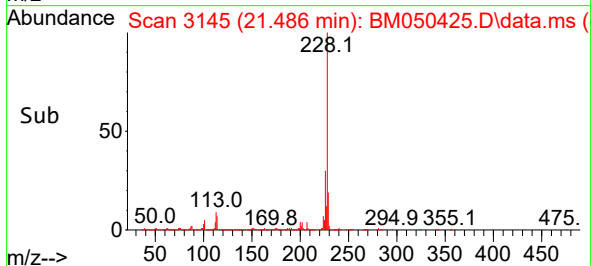
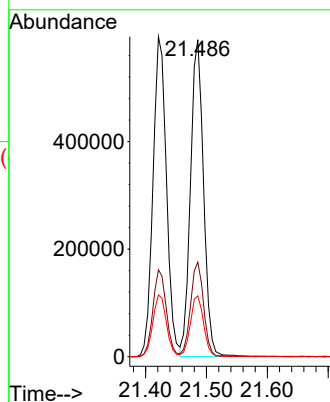
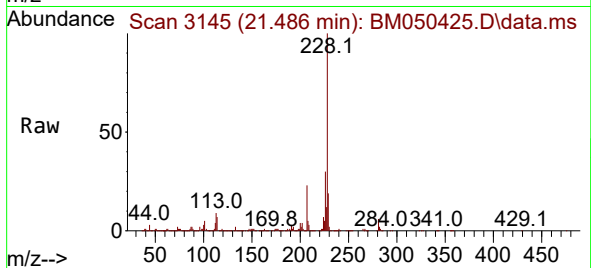
Tgt Ion:228 Resp: 873710

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 19.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.942 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

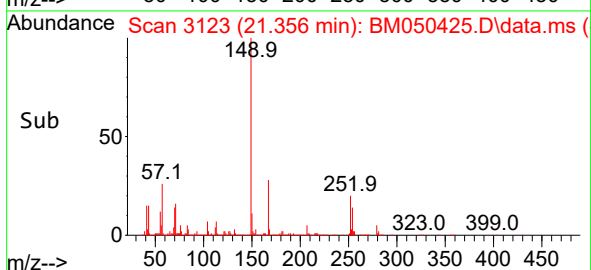
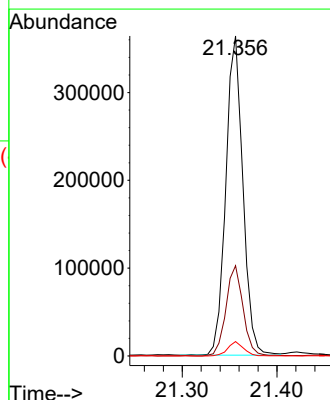
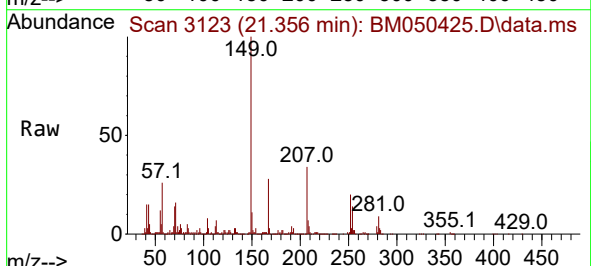
Tgt Ion:149 Resp: 455709

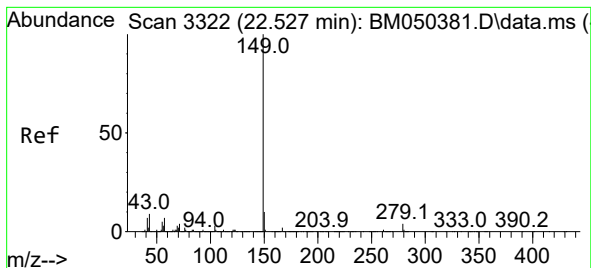
Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 7.586 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

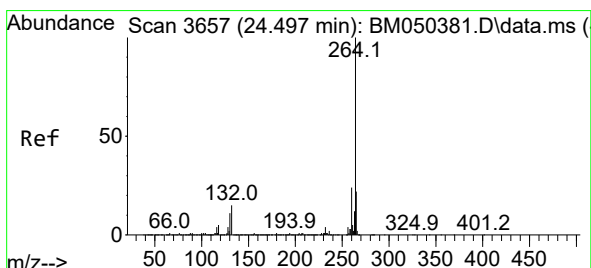
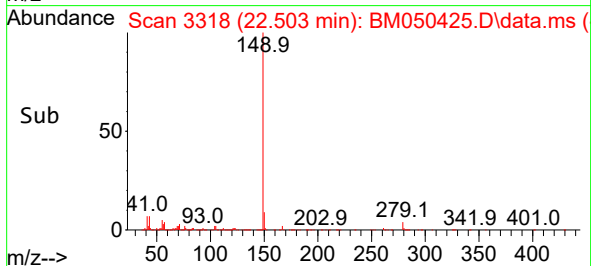
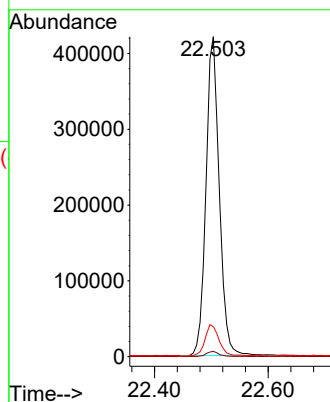
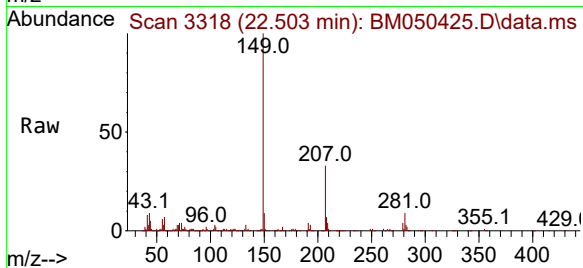
Tgt Ion:149 Resp: 681733

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3653

Delta R.T. -0.023 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

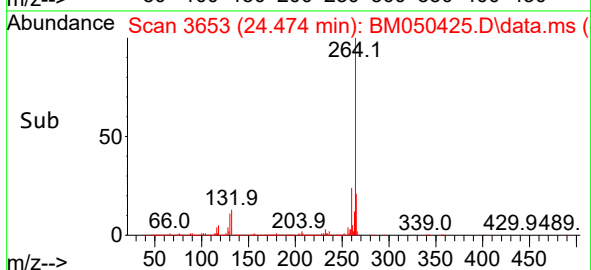
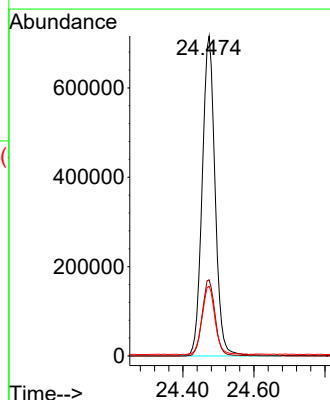
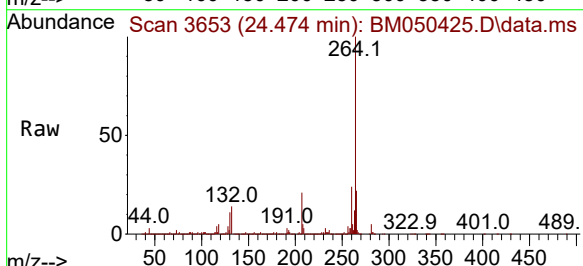
Tgt Ion:264 Resp: 1812324

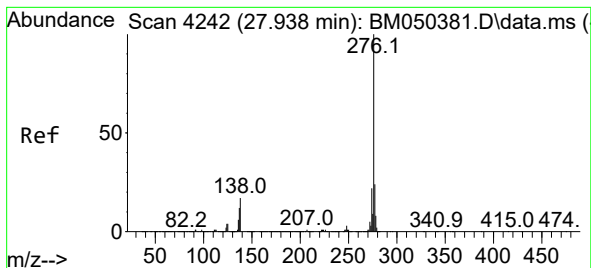
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.316 ng

RT: 27.897 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

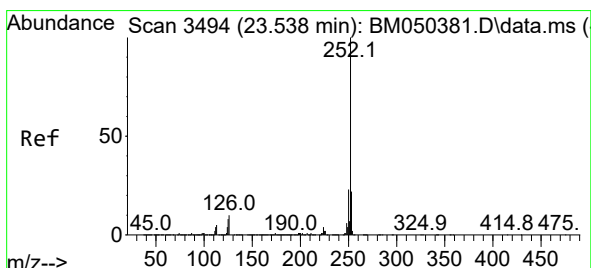
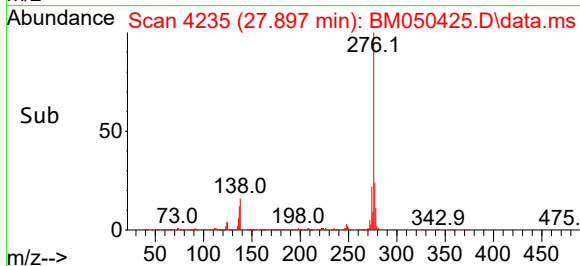
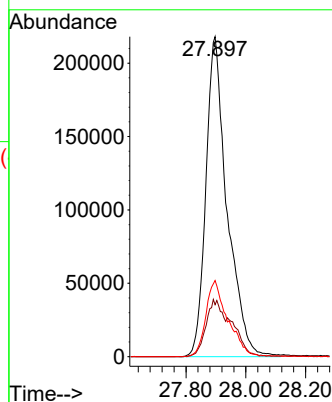
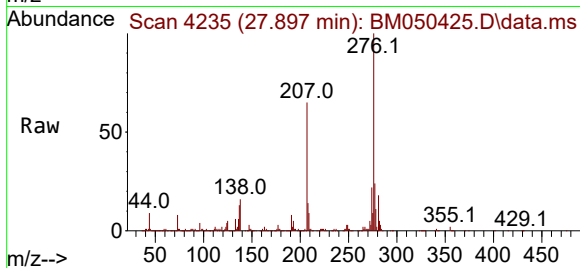
Tgt Ion:276 Resp: 1071607

Ion Ratio Lower Upper

276 100

138 14.3 17.0 25.6#

277 24.6 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 7.777 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

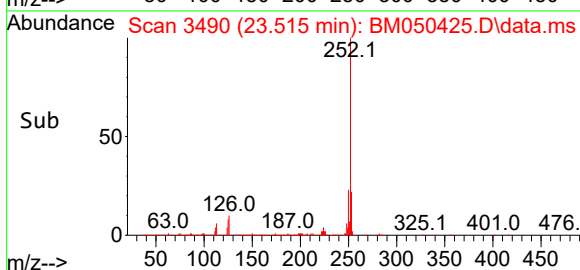
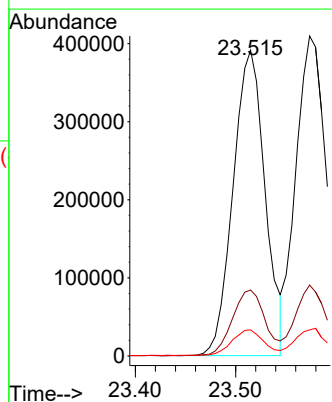
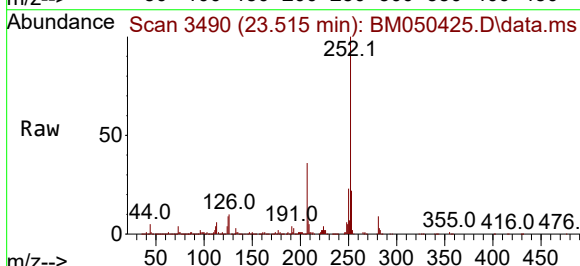
Tgt Ion:252 Resp: 866996

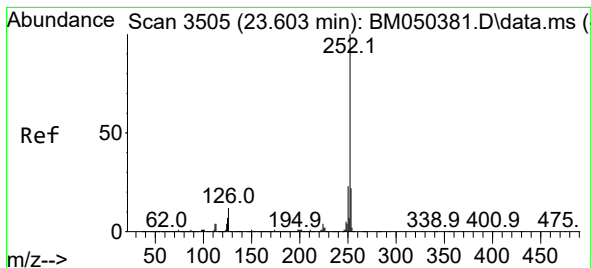
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 8.5 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 7.720 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

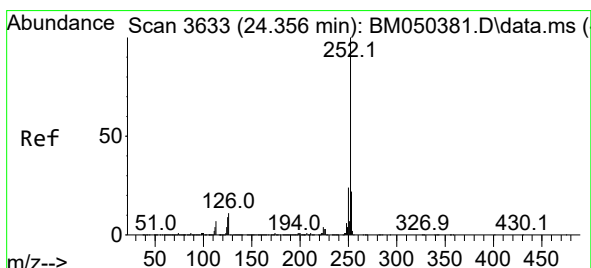
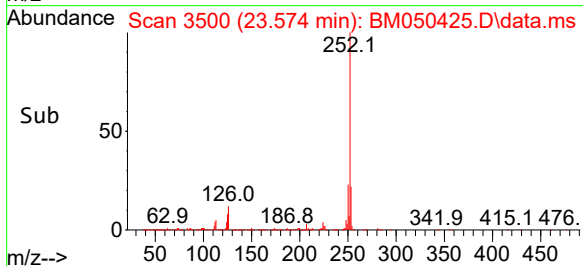
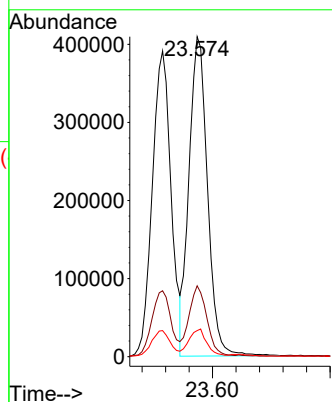
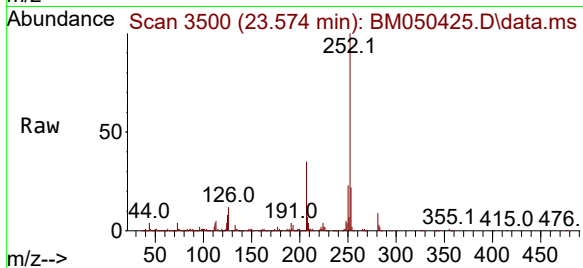
Tgt Ion:252 Resp: 893005

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 8.2 6.2 9.2



#90

Benzo(a)pyrene

Concen: 7.665 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.029 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

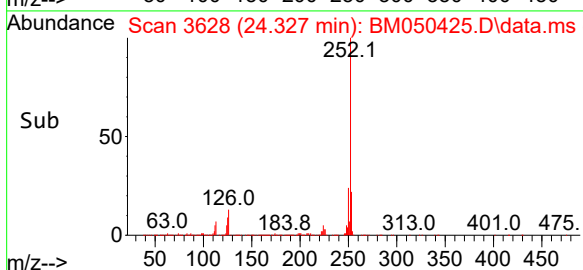
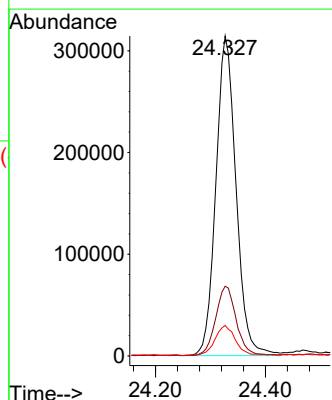
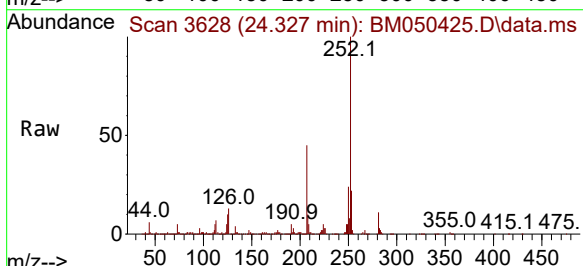
Tgt Ion:252 Resp: 799835

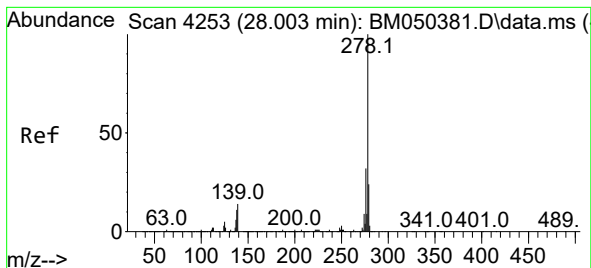
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.6 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 8.146 ng

RT: 27.956 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2025

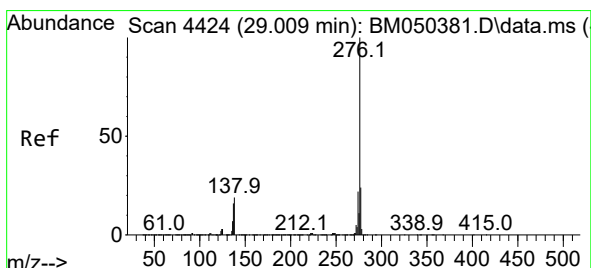
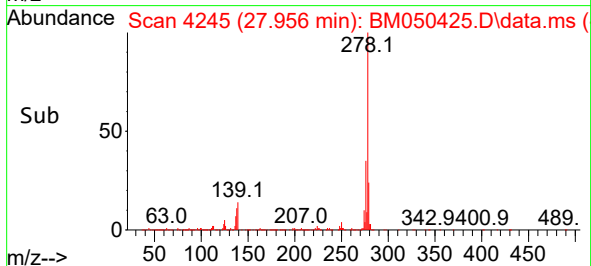
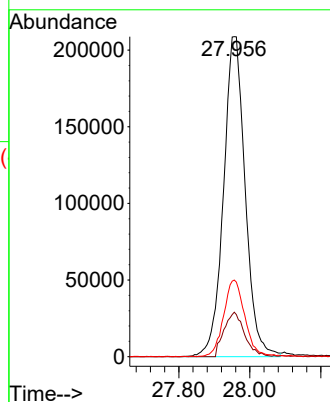
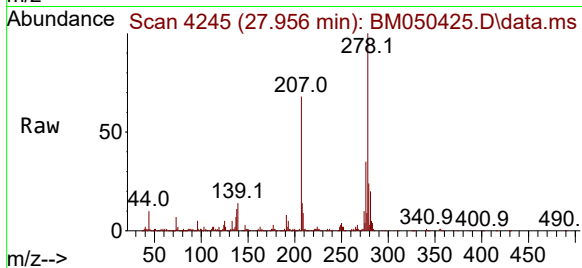
Tgt Ion:278 Resp: 883942

Ion Ratio Lower Upper

278 100

139 13.9 10.8 16.2

279 24.0 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 8.408 ng

RT: 28.962 min Scan# 4416

Delta R.T. -0.047 min

Lab File: BM050425.D

Acq: 14 Jul 2025 14:12

Tgt Ion:276 Resp: 862329

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.6 14.9 22.3

