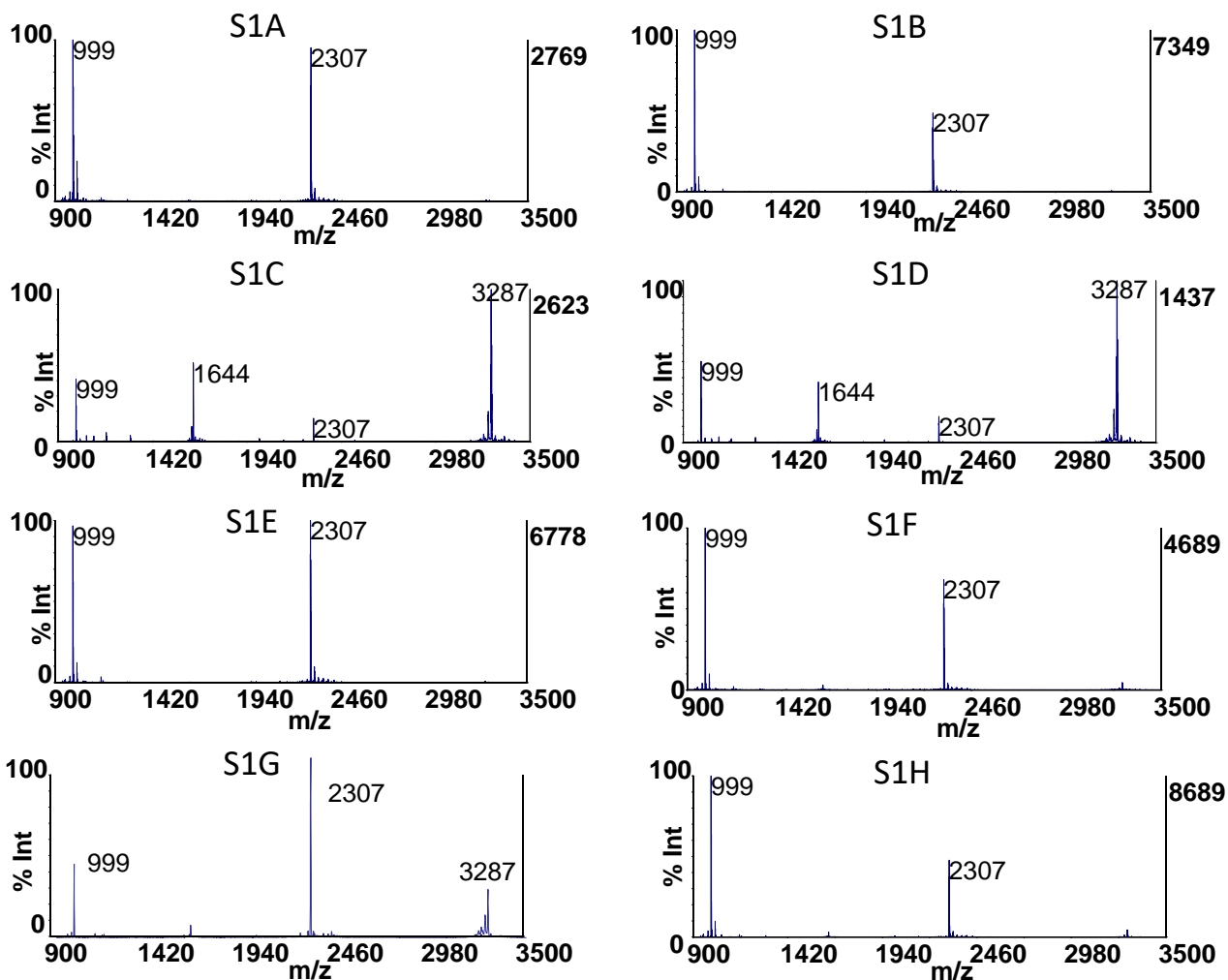
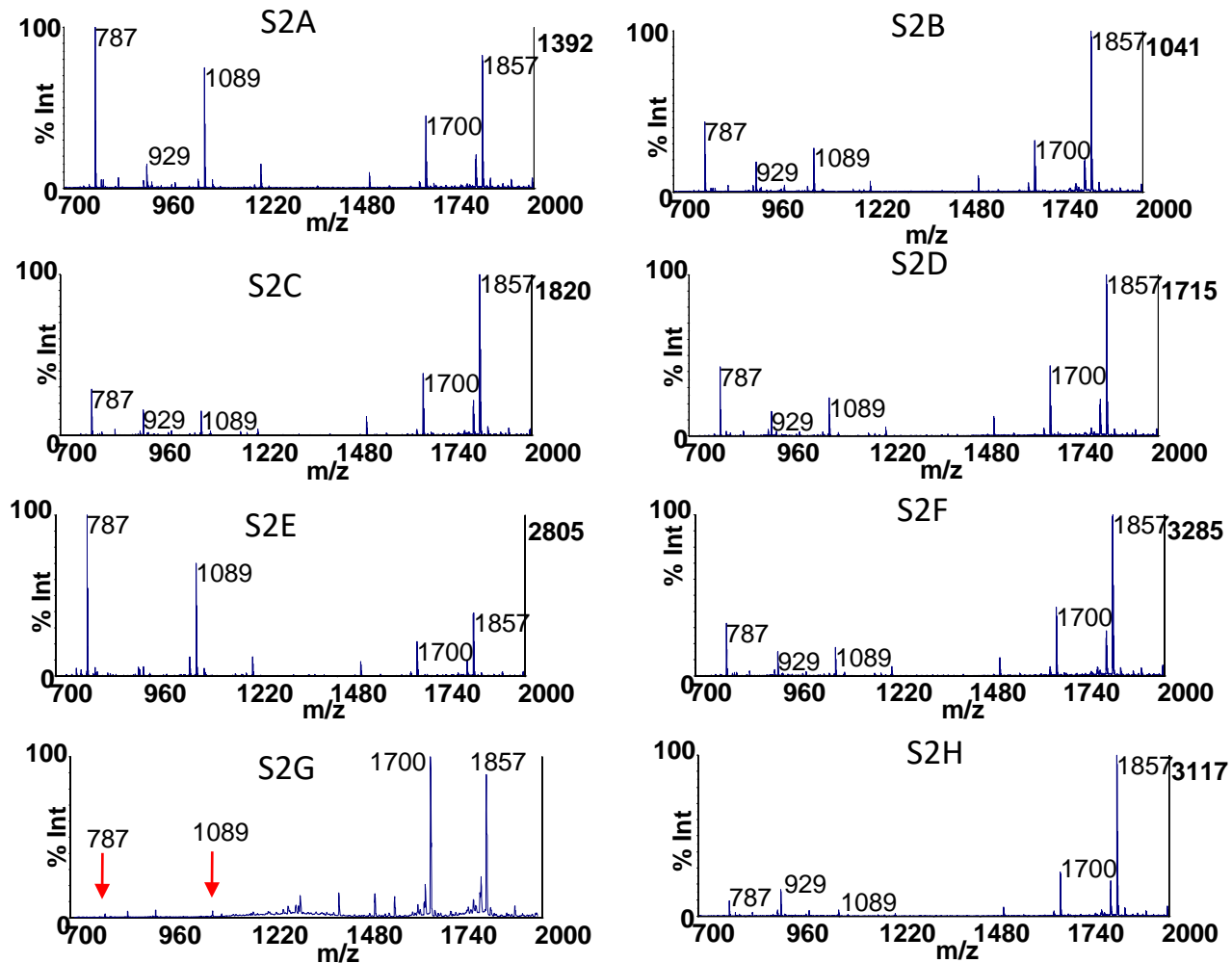


Supplementary Figure 1.



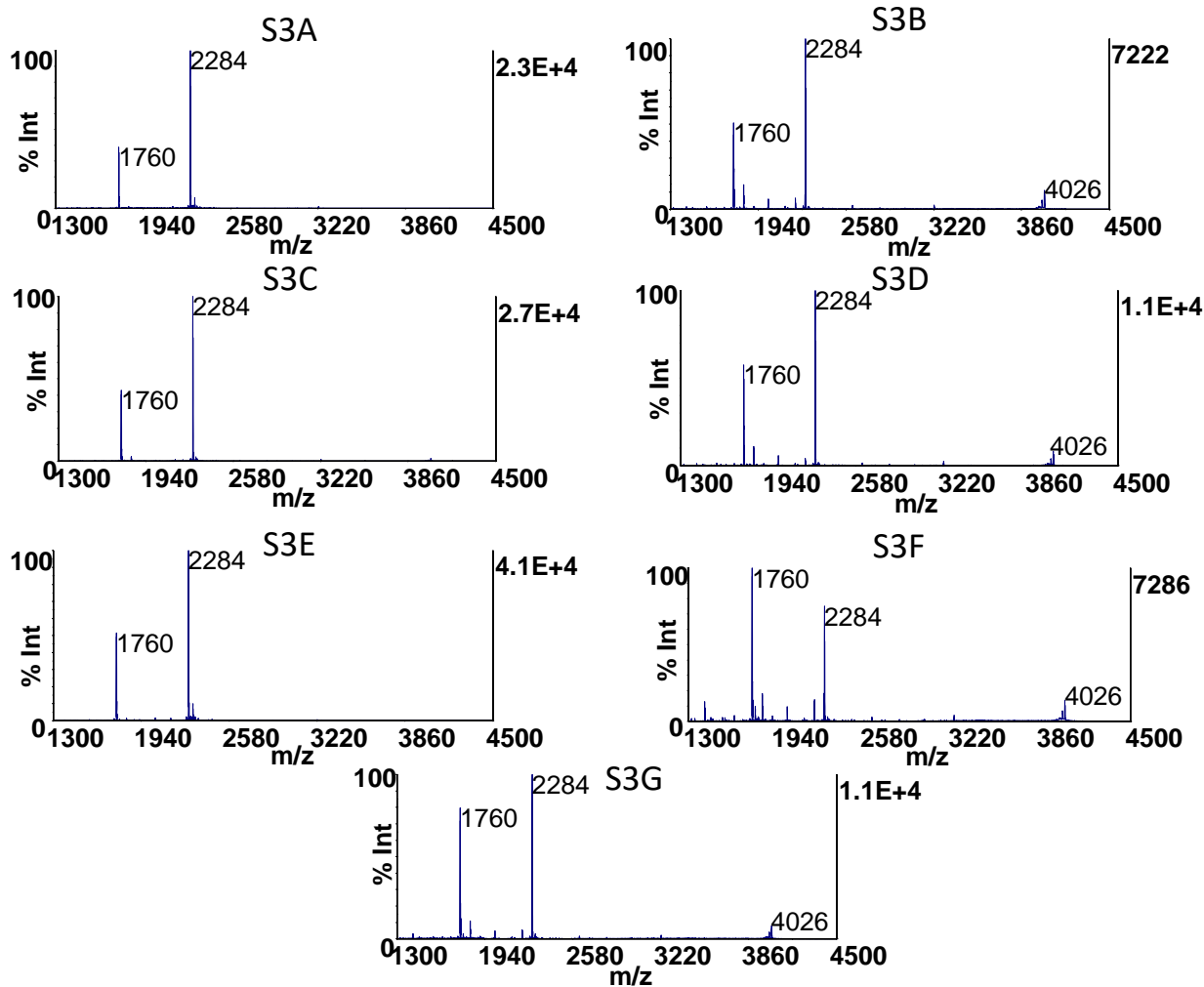
Supplementary Figure 1. Mass spectra from the reaction of Aval with BoNT/A1 (S1A), /A2 (S1B), /A3 (S1C), /A4 (S1D), /A5 (S1E), /A6 (S1F), /A7 (S1G), and /A8 (S1H)

Supplementary Figure 2.



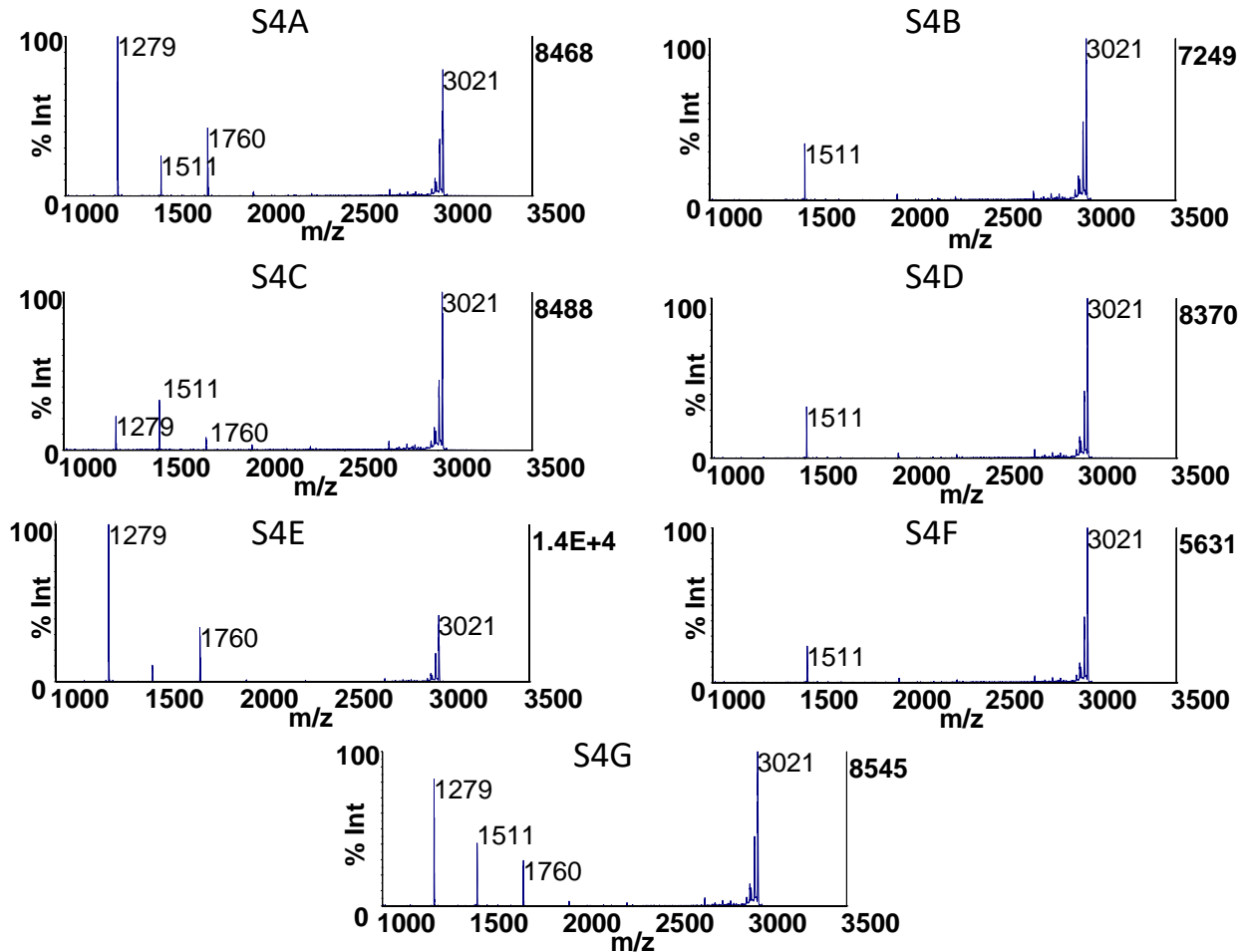
Supplementary Figure 2. Mass spectra from the reaction of Anew with BoNT/A1 (S2A), /A2 (S2B), /A3 (S2C), /A4 (S2D), /A5 (S2E), /A6 (S2F), /A7 (S2G), and /A8 (S2H)

Supplementary Figure 3.



Supplementary Figure 3. Mass spectra from the reaction of Bval with BoNT/B1 (S3A), /B2 (S3B), /B3 (S3C), /B4 (S3D), /B5 (S3E), /B6 (S3F), and /B7 (S3G).

Supplementary Figure 4.



Supplementary Figure 4. Mass spectra from the reaction of Bnew with BoNT/B1 (S4A), /B2 (S4B), /B3 (S4C), /B4 (S4D), /B5 (S4E), /B6 (S4F), /B7 (S4G), and /B8 (S4H)