**S1 Table.** Mass transitions m/z (Q1>Q3 mass) and their respective AZA.

| Mass transition | Toxin                                | Collision energy (CE) |
|-----------------|--------------------------------------|-----------------------|
| 716>698         | AZA-33                               | 40                    |
| 796>778         | AZA-33 phosphate                      | 40                    |
| 816>798         | AZA-34, AZA-39                       | 40                    |
| 816>348         | AZA-39                               | 70                    |
| 828>658         | AZA-3                                | 70                    |
| 828>810         | AZA-3, AZA-43, AZA-58                | 40                    |
| 830>812         | AZA-38, AZA-52, AZA-53               | 40                    |
| 830>348         | AZA-38, AZA-52, AZA-53               | 70                    |
| 842>672         | AZA-1                                | 70                    |
| 842>824         | AZA-1, AZA-40, AZA-50                | 40                    |
| 842>348         | AZA-40                               | 70                    |
| 844>826         | AZA-4, AZA-5                         | 40                    |
| 846>828         | AZA-37                               | 70                    |
| 846>348         | AZA-37                               | 40                    |
| 854>836         | AZA-41                               | 40                    |
| 854>670         | AZA-41                               | 70                    |
| 854>360         | AZA-41                               | 70                    |
| 856>672         | AZA-2                                | 70                    |
| 856>838         | AZA-2                                | 40                    |
| 858>840         | AZA-7, AZA-8, AZA-9, AZA-10, AZA-36, AZA-51 | 40 |
| 858>348         | AZA-36, AZA-51                       | 40                    |
| 860>842         | AZA-59                               | 70                    |
| 868>362         | AZA-55                               | 70                    |
| 870>852         | Me-AZA-2, AZA-42, AZA-54             | 40                    |
| 870>360         | AZA-42                               | 40                    |
| 872>854         | AZA-11, AZA-12                       | 40                    |
| 884>866         | AZA-56                               | 40                    |
| 910>892         | Undescribed                          | 40                    |
| 920>804         | AZA-1 phosphate, AZA-40 phosphate    | 40                    |
| 926>908         | AZA-37 phosphate                     | 40                    |
| 936>918         | AZA-2 phosphate                      | 40                    |
| 938>920         | AZA-36 phosphate, AZA-51 phosphate   | 40                    |
| 940>922         | AZA-59 phosphate                     | 40                    |
| 952>938         | AZA-11 phosphate                     | 40                    |