Figure S1. Structures of selected Tetrodotoxin analogues

| Analogue          | \( R_1 \) | \( R_2 \) | \( R_3 \) | \( R_4 \) |
|-------------------|-----------|-----------|-----------|-----------|
| TTX               | H         | OH        | OH        | CH\(_2\)OH |
| 4-epi-TTX         | OH        | H         | OH        | CH\(_2\)OH |
| 11-deoxy TTX      | H         | OH        | OH        | CH\(_3\)   |
| 6,11-dideoxy TTX  | H         | OH        | H         | CH\(_3\)   |
| 11-norTTX-6(S)-ol | H         | OH        | OH        | H          |
| 11-norTTX-6(R)-ol | H         | OH        | H         | OH         |

| Analogue          | \( R_1 \) | \( R_2 \) |
|-------------------|-----------|-----------|
| 5-deoxy TTX       | OH        | CH\(_2\)OH |
| 5,6,11-trideoxy TTX | H       | CH\(_3\)   |

4,9-anhydro TTX
Figure S2. Map of UK showing location of shellfish samples taken during this study (blue dots)