CEFAS MFS biotoxin ref number	Species	Date Sampled	Date Received	PSP Screen by HPLC	LT Analysis- Total OA/DTXs/PTXs (μg OA eq/kg) - HIGH value result	LT Analysis- Total AZAs (µg AZA1 eq/kg) - HIGH value result	LT Analysis- Total YTXs (mg YTX eq/kg) - HIGH value result	/kg)	Comment
BTX/2024/124	Mussels	15/01/2024	17/01/2024	ND	<rl< td=""><td><rl< td=""><td><rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<></td></rl<>	<rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<>	<l0q< td=""><td></td></l0q<>	
BTX/2024/255	Mussels	12/02/2024	14/02/2024	ND	<rl< td=""><td><rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<>	<rl< td=""><td><loq< td=""><td></td></loq<></td></rl<>	<loq< td=""><td></td></loq<>	
BTX/2024/393	Mussels	11/03/2024	12/03/2024	ND	<rl< td=""><td><rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<>	<rl< td=""><td><loq< td=""><td></td></loq<></td></rl<>	<loq< td=""><td></td></loq<>	
BTX/2024/580	Mussels	08/04/2024	09/04/2024	ND	<rl< td=""><td><rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td><loq< td=""><td></td></loq<></td></rl<></td></rl<>	<rl< td=""><td><loq< td=""><td></td></loq<></td></rl<>	<loq< td=""><td></td></loq<>	
BTX/2024/809	Mussels	07/05/2024	08/05/2024	ND	<rl< td=""><td><rl< td=""><td><rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<></td></rl<></td></rl<>	<rl< td=""><td><rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<></td></rl<>	<rl< td=""><td><l0q< td=""><td></td></l0q<></td></rl<>	<l0q< td=""><td></td></l0q<>	

Key - The action (closure) levels for toxins in shellfish flesh are as follows:

ASP > 20mg Domoic/epi-Domoic acid per kg shellfish flesh. PSP > 800µg STX eq. per kg shellfish flesh. Lipophilic toxins (DSP) by MBA - Positive
OA/DTKs/PTXs together > 150µg OA eq. per kg shellfish flesh. AZAs > 160µg AZA eq. per kg shellfish flesh. YTXs > 1mg YTX eq. per kg shellfish flesh
Taylor concentrations > critical level.

Toxin concentrations ≥ action level

Toxin detected/clinical signs observed below action level

Ioxin detected/clinical signs observed below action level
Insufficient/Unsuitable sample

RL = Reporting Limit [either the LOQ of the method for the toxin/species combination
or the concentration of the lowest calibration standard depending on which one is the highest.]

PS = Positive ND = Not Detected NG = Negative LOD = Limit of Detection LOQ = Limit of quantitation MU = measurement uncertainty