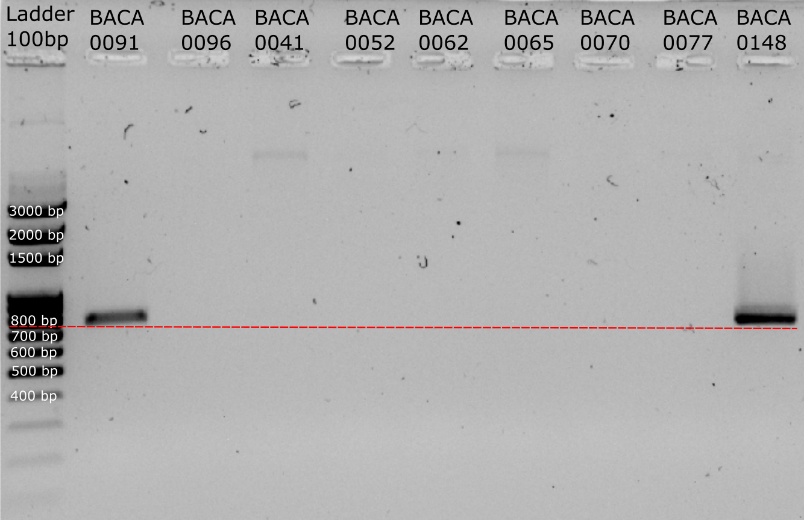
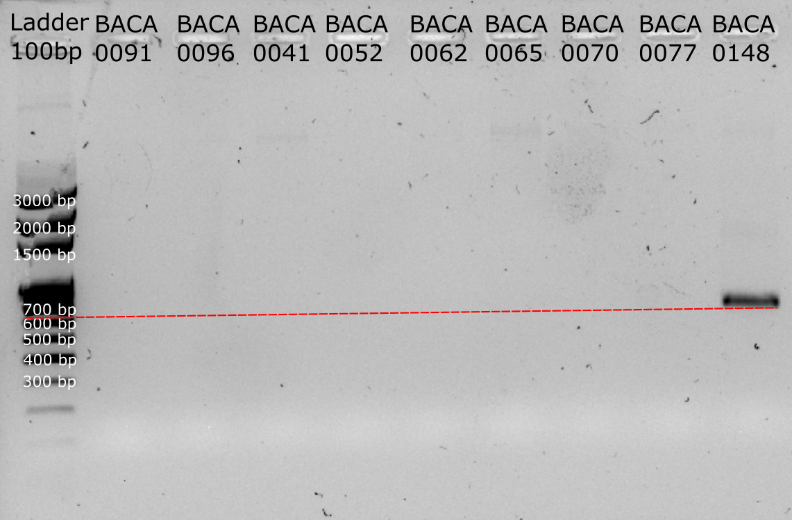
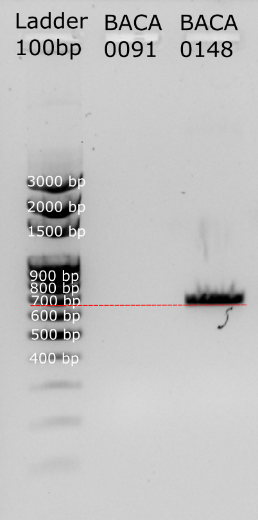
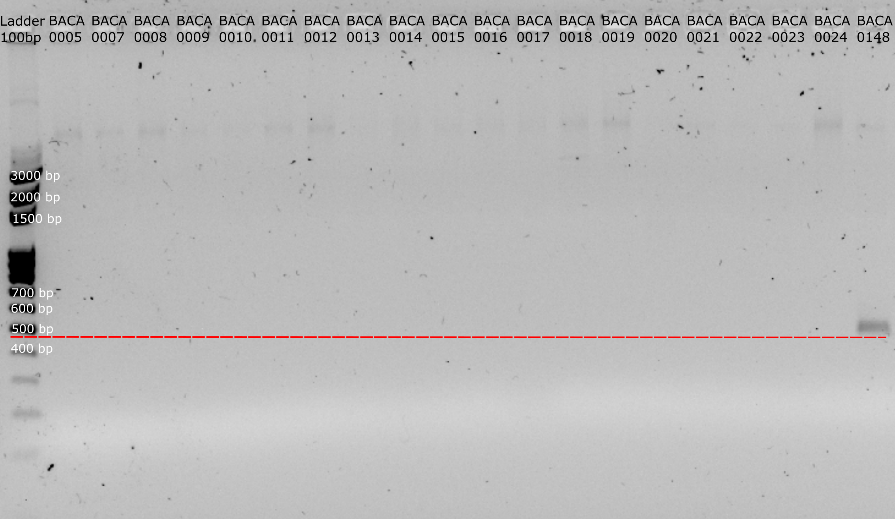
Supplementary Materials： Cyanotoxin Screening in BACA Culture Collection: Identification of New Cylindrospermopsin Producing Cyanobacteria

Rita Cordeiro, Joana Azevedo, Rúben Luz, Vitor Vasconcelos, Vítor Gonçalves and Amélia Fonseca



***mcy*C**

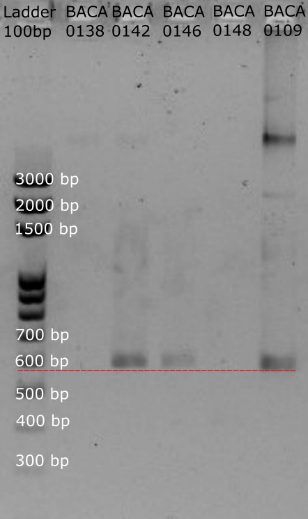
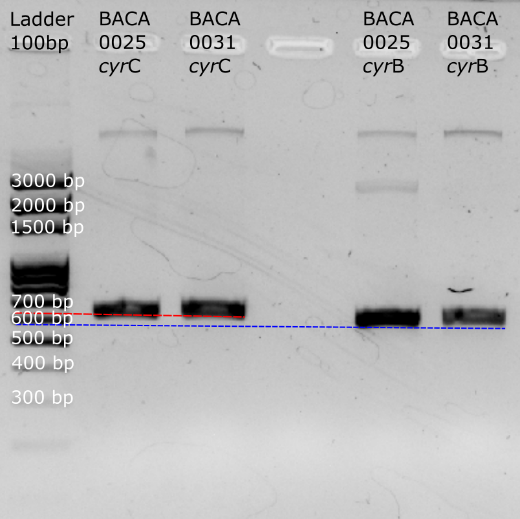
***mcy*E**

***mcy*D**

***mcy*G**

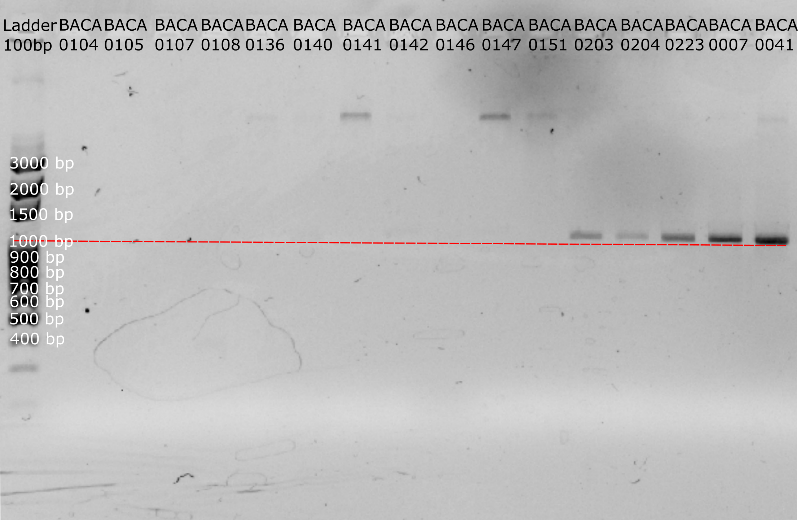
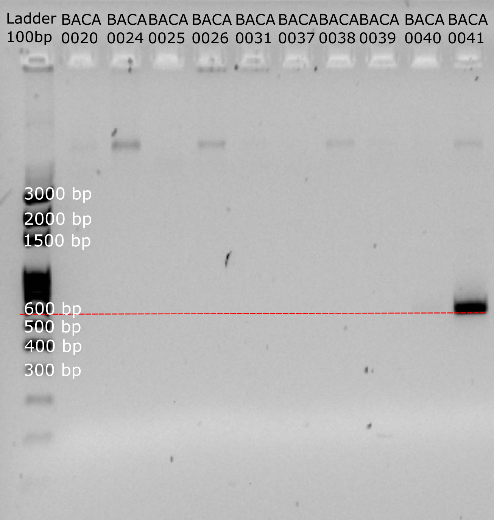
**Figure 1.** Electrophoresis gel photos of *mcy*C (674 bp), *mcy*D (647 bp), *mcy*E (755 bp) and *mcy*G (425 bp) biosynthesis genes amplifications.



***cyr*B**

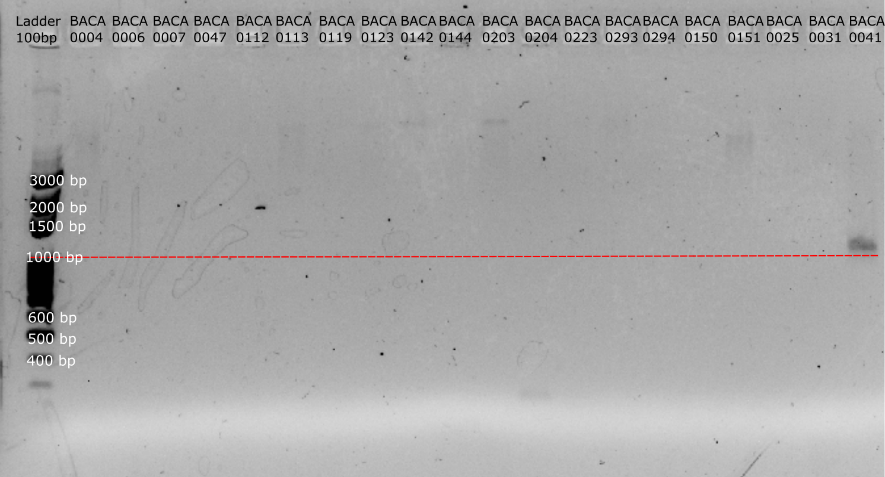
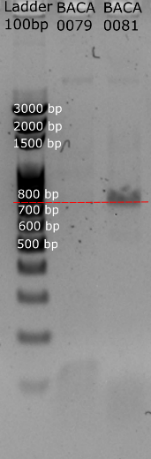
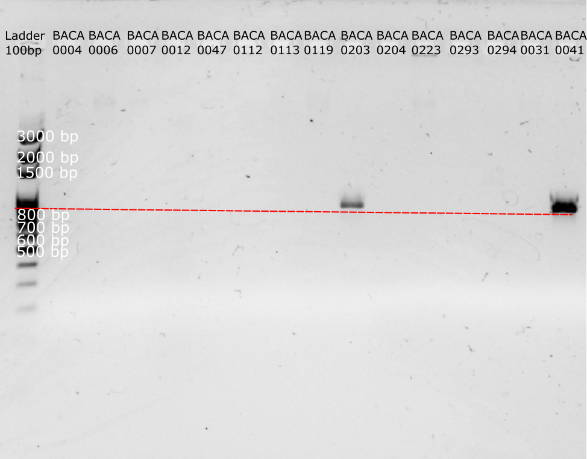
***cyr*C*/ cyr*B**

**Figure 2.** Electrophoresis gel photos of *cyr*B (650 bp) and *cyr*C (597 bp) biosynthesis genes amplifications.



***sxt*A**

***sxt*G**



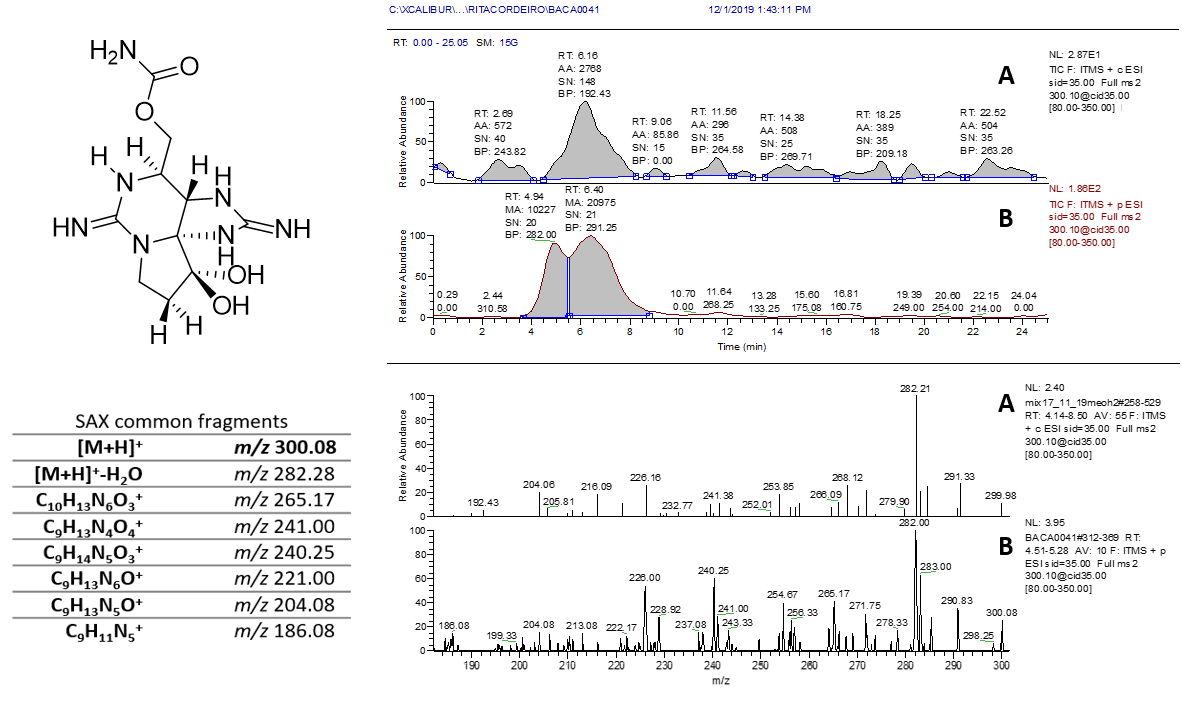
***sxt*H**

***sxt*I**

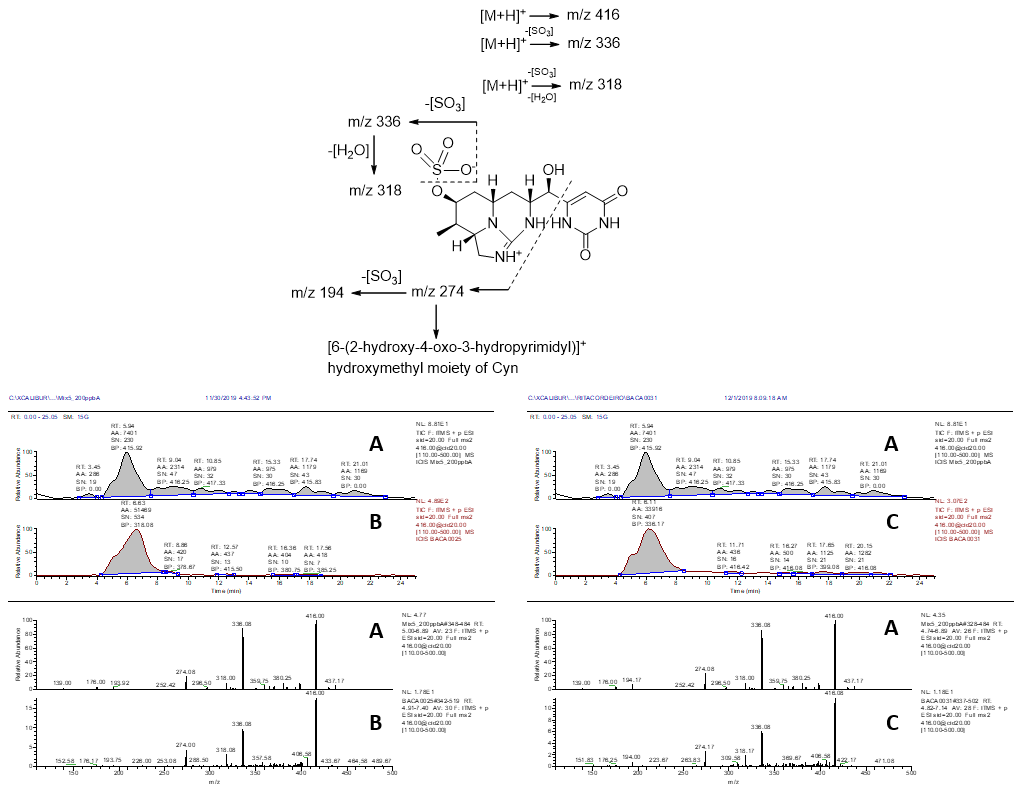
***sxt*H**

***sxt*I**

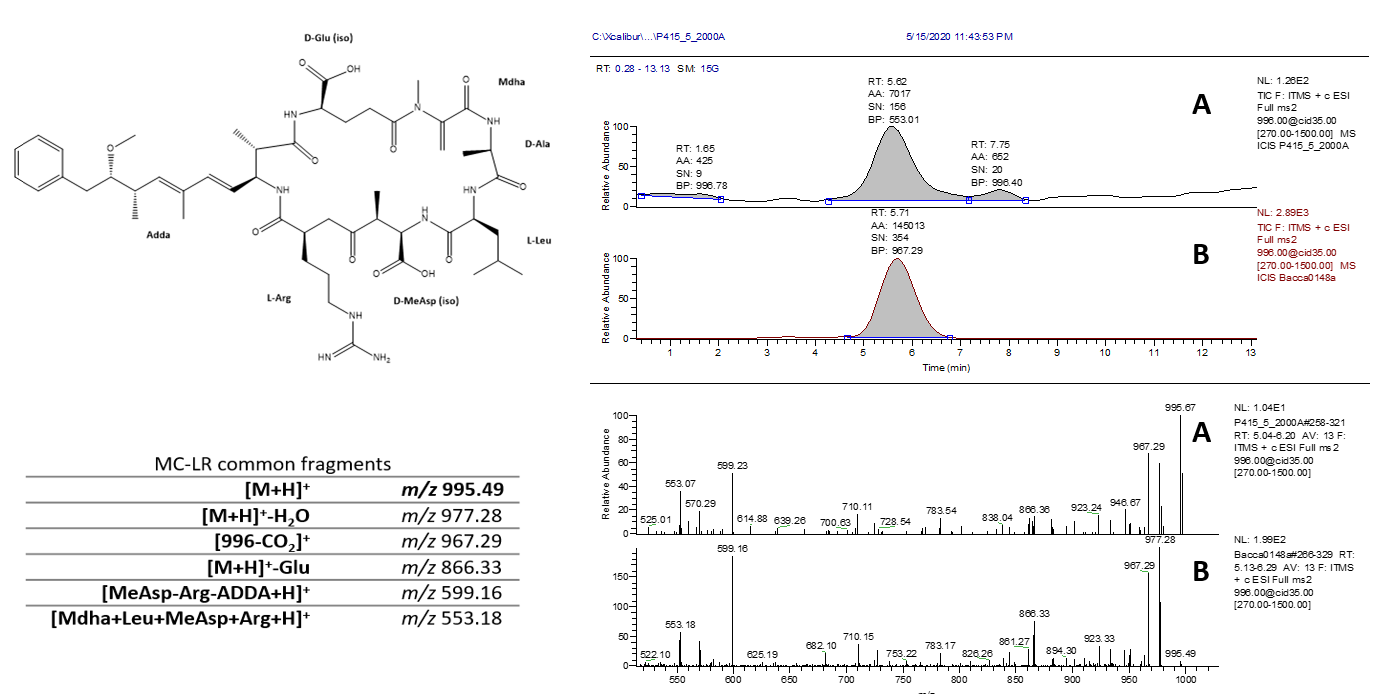
**Figure 3.** Electrophoresis gel photos of *sxt*A (602 bp), *sxt*G (893 bp), *sxt*H (812 bp) and *sxt*I (910 bp) biosynthesis genes amplifications.



**Figure 4.** Total Ion Chromatograms and spectra of a STX standard solution (A) and sample *Aphanizomenon gracile* BACA0041 (B).



**Figure 5.** Total Ion Chromatograms and spectra of a CYN standard solution (A), sample BACA0025 (B) and sample BACA0031 (C).



**Figure 6.** Total Ion Chromatograms and spectra of a MC-LR standard solution (A) and sample *Microcystis aeruginosa* BACA0148 (B).