



Figure S9. Detection of intracellular c-di-GMP concentration of BMB171 and $\Delta 3pde$ by LC-MS/MS at different growth phases. (A to E) Quantification of intracellular c-di-GMP concentration by LC-MS/MS for the c-di-GMP standard, BMB171 at 9 h, $\Delta 3pde$ at 9 h, BMB171 at 48 h, and $\Delta 3pde$ at 48 h, respectively. (i) Signal from the select reaction monitor (SRM) *via* LC-MS/MS. (ii) The tandem mass spectra results of the ion fragment of c-di-GMP at $m/z=691.135/152.000$ detected by ESI-MS/MS. The peak of c-di-GMP is marked by the black arrow. And then the peak area of c-di-GMP was calculated using Thermo Xcalibur Qual Browser software and used for counting the concentration of c-di-GMP.