DNA extraction from Cultured Algae (Robert Anderson and HwanSu Yoon, Bigelow Laboratory)

We prepared two tubes of sample (SAB_0001_2009_01_28 and SAB_0002_2009_01_28).
Samples were prepared as follow;

1) We removed 100 uL from each culture into 1.5 mL eppendorf tubes (total 18 tubes from ca 300 cultures).
2) These tubes were spun down at high speed to pellet the bacteria.
3) We extracted the DNA from each 18 tubes separately using Qiagen DNeasy Plant mini kit.
4) We did PCR using bacterial 16S rDNA specific primers. Most of reactions have positive band (see below gel picture).
5) Then combined extracted DNA from 18 samples.
6) One half of DNA was purified again using Qiagen QIAamp DNA mini kit (SAB_0001_2009_01_28). DNA concentration was 26.4 ng/ul. Total 90 ul was left on the tube (2,376 ug, total).
7) Concentration of rest of DNA (500 ul) was 5 ug/ul (SAB_0001_2009_01_28).
8) Two DNAs were dried after a normal EtOH precipitation method (with 3M NaOAc).