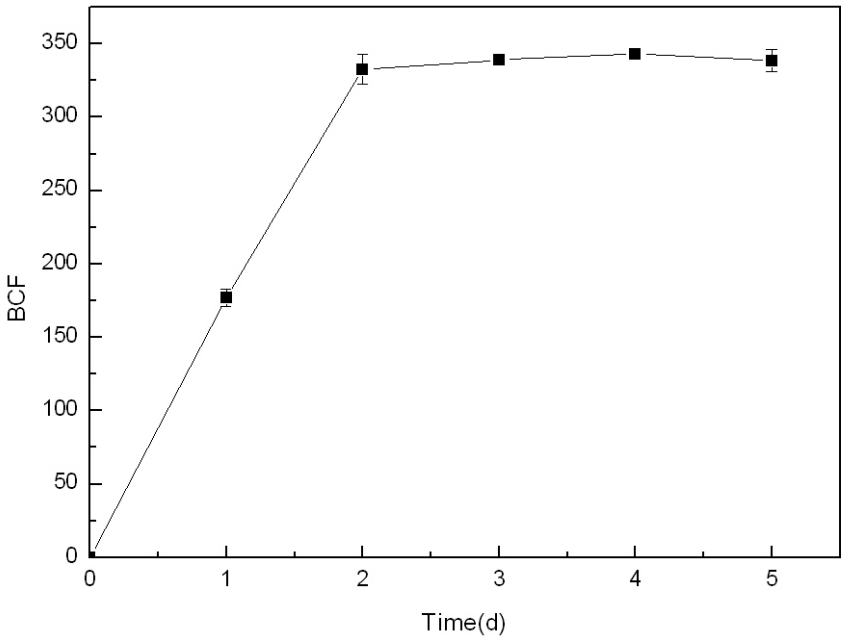

Figure S1: The BCF of Lindane in *M. aeruginosa* cells. Initial concentrations of Lindane and algal cells are 400 μg/L and 2.0×10^4 cells/mL, respectively. Each value is the mean ± S.D.

Table S1: The compositions of BG11 medium

	Component	Quality(g)	Concentration of stock solution（g/L）	Volume(ml)	Concentration of work solution（mg/L）
stock1 (100ml)	$C_6H_8O_7$	0.6g	6	1	6
	$C_6H_{10}FeNO_8$	0.6g	6	1	6
	$EDTANa_2$	0.1g	1	1	1
stock2 (100ml)	K_2HPO_4	4.0g	40	1	40
	Na_2CO_3	2.0	20	1	20
stock3 (100ml)	$CaCl_2·2H_2O$	3.58g	35.8	1	35.8
stock4 (100ml)	$MgSO_4·7H_2O$	7.0g	70	1	70
stock5 (1000ml)	H_3BO_4	2.86g	2.86	1	2.86
	$MnCl_2·4H_2O$	1.81g	1.81	1	1.81
	$ZnSO_4·7H_2O$	0.222g	0.222	1	0.222
	$Na_2MO_4·2H_2O$	0.391g	0.391	1	0.391
	$CuSO_4·5H_2O$	0.079g	0.079	1	0.079
	$Co(NO_3)_2·6H_2O$	0.049g	0.049	1	0.049
stock6	$NaNO_3$				1.5g/L

Adjust the pH to 7.1-7.5 by HCl and NaOH, and the medium must be autoclaved at 121ºC for 30min before use.

Table S2: The concentrations of Lindane in algal cells of *M. aeruginosa* (96h)

Lindane in the *M.aeruginosa* solution (μg/L)	Lindane in the *M.aeruginosa* cells (mean ± SD, μg/L)
0	ND
50	0.767±0.063
89	1.142±0.108
158	2.437±0.156
281	3.490±0.074
500	5.353±0.428

(ND—not deteced)