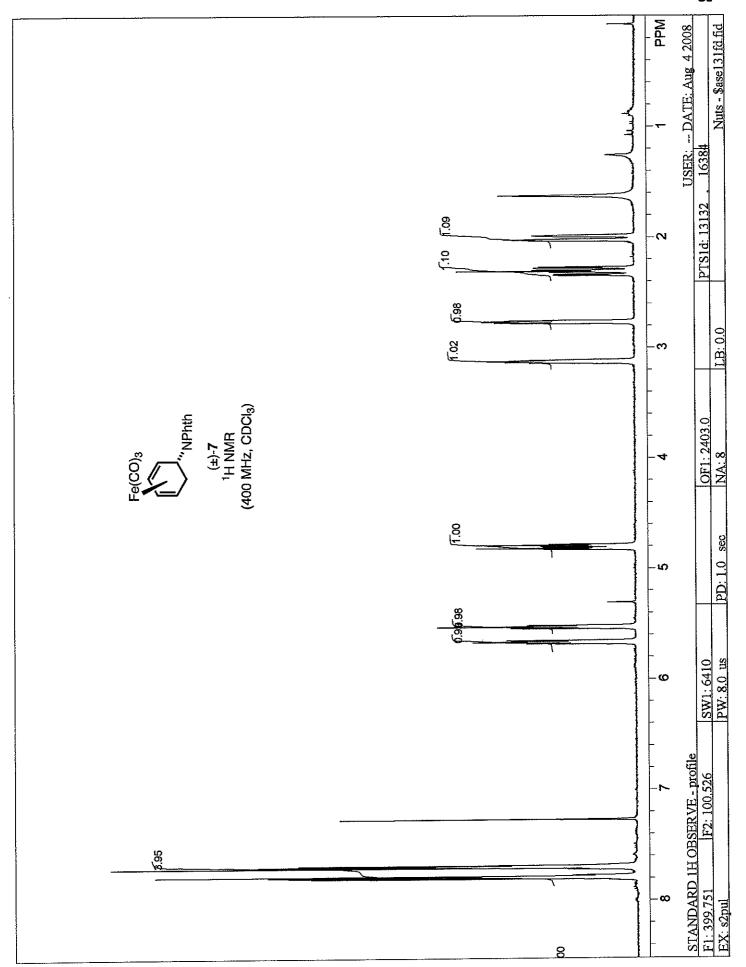
Electronic Supporting Information

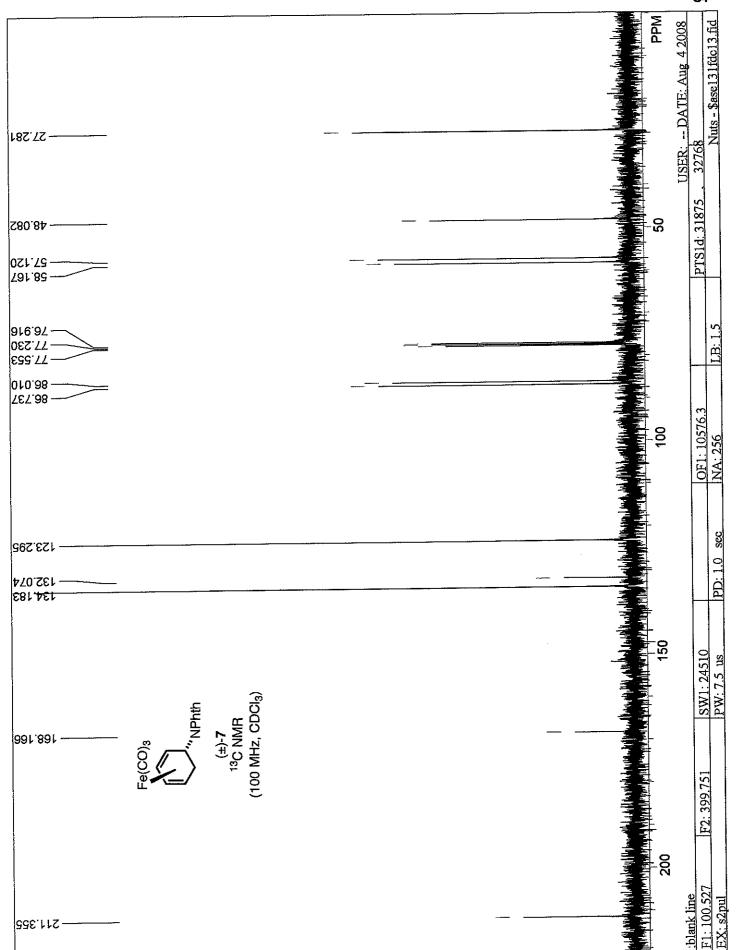
Denovo synthesis of polyhydroxy aminocyclohexanes

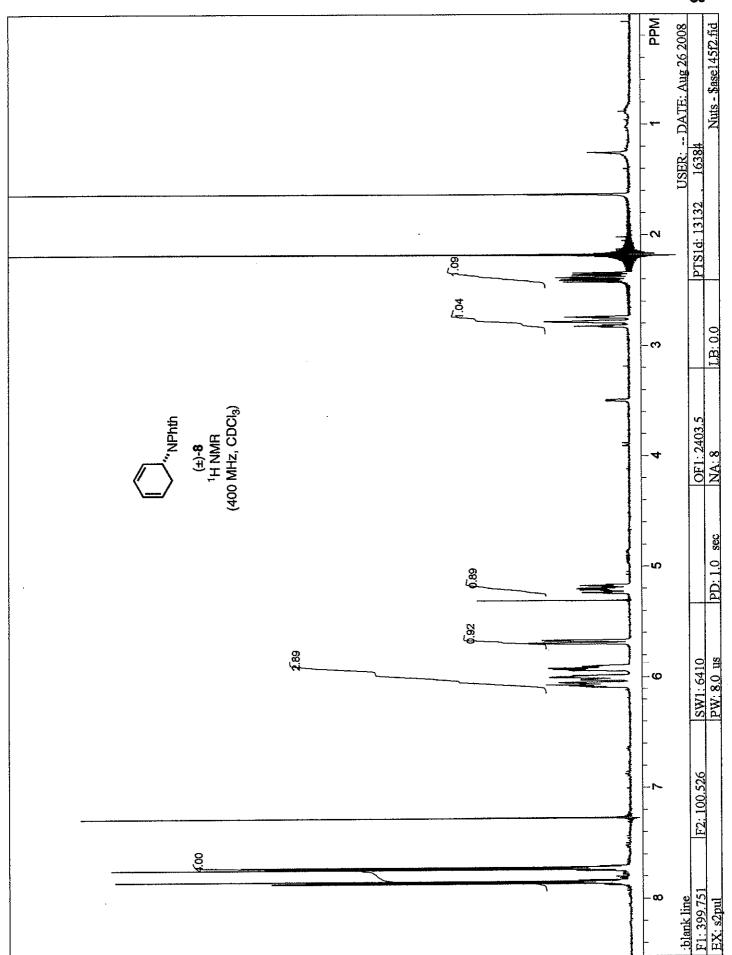
Anobick Sar, Sergey Lindeman, and William A. Donaldson*

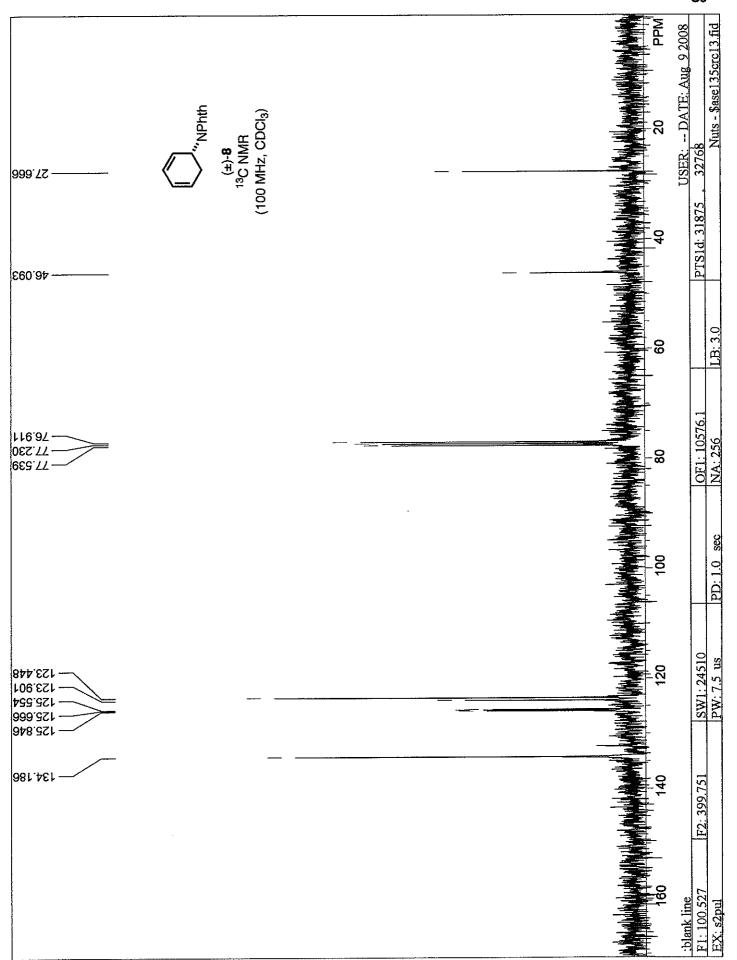
1 H NMR spectrum of (±)-7 (CDCl ₃)	S3
	S4
	S5
	S6
	S7
	S8
	S9
	S10
	S11
	S12
	S13
	S14
	S15
	S16
	S17
	S18
	S19
	S20
	S21
	S22
	S23
1 H NMR spectrum of (±)-19 (CD ₃ OD)	S24
	S25
1 H NMR spectrum of (±)-20 (CD ₃ OD)	S26
13 C NMR spectrum of (±)-20 (CD ₃ OD)	S27
	S28
13 C NMR spectrum of (±)-21 (CD ₃ OD)	S29
1 H NMR spectrum of (±)-22 (CD ₃ OD)	330
	331
	332
	S33
	334
	335
· · · · · · · · · · · · · · · · · · ·	336
	S37
	838
	S39
	340
¹ H NMR spectrum of (±)-29 (CDCl ₃)	541

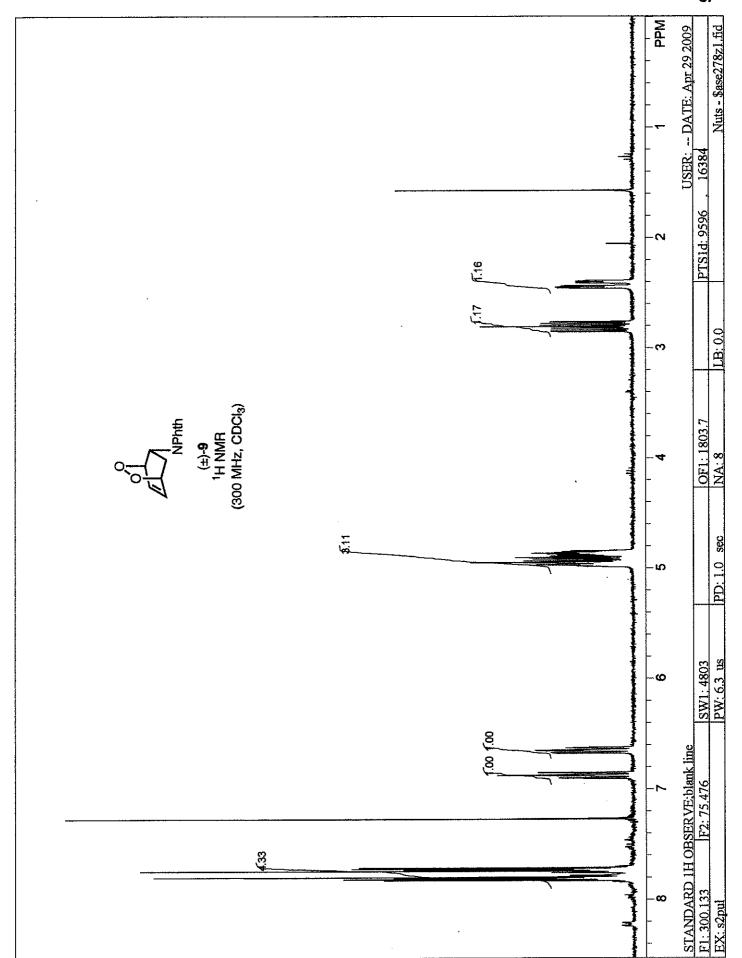
13 cm 27 cm (CV) 20 (CD) CI)	0.40
¹³ C NMR spectrum of (±)-29 (CDCl ₃)	S42
¹ H NMR spectrum of (±)-30 (CDCl ₃)	S43
¹³ C NMR spectrum of (±)-30 (CDCl ₃)	S44
¹ H NMR spectrum of (±)-33	S45
¹³ C NMR spectrum of (±)-33	S46
¹ H NMR spectrum of (±)-34	S47
¹³ C NMR spectrum of (±)-34	S48
¹ H NMR spectrum of (±)-35 (CDCl ₃)	S49
¹³ C NMR spectrum of (±)-35 (CDCl ₃)	S50
¹ H NMR spectrum of (±)-36 (CDCl ₃)	S51
13 C NMR spectrum of (±)-36 (CDCl ₃)	S52
¹ H NMR spectrum of (±)-37 (CDCl ₃)	S53
¹³ C NMR spectrum of (±)-37 (CDCl ₃)	S54
¹ H NMR spectrum of (±)-38 (CDCl ₃)	S55
¹³ C NMR spectrum of (±)-38 (CDCl ₃)	S56
ORTEP of major endoperoxide (±)-9	S57
ORTEP of major endoperoxide (±)-10	S57
ORTEP of diacetate (±)-18	S58
ORTEP of epoxy diol (±)-33	S58
ORTEP of epoxy diol (±)-34	S59
ORTEP of epoxy diol (±)-35	S59

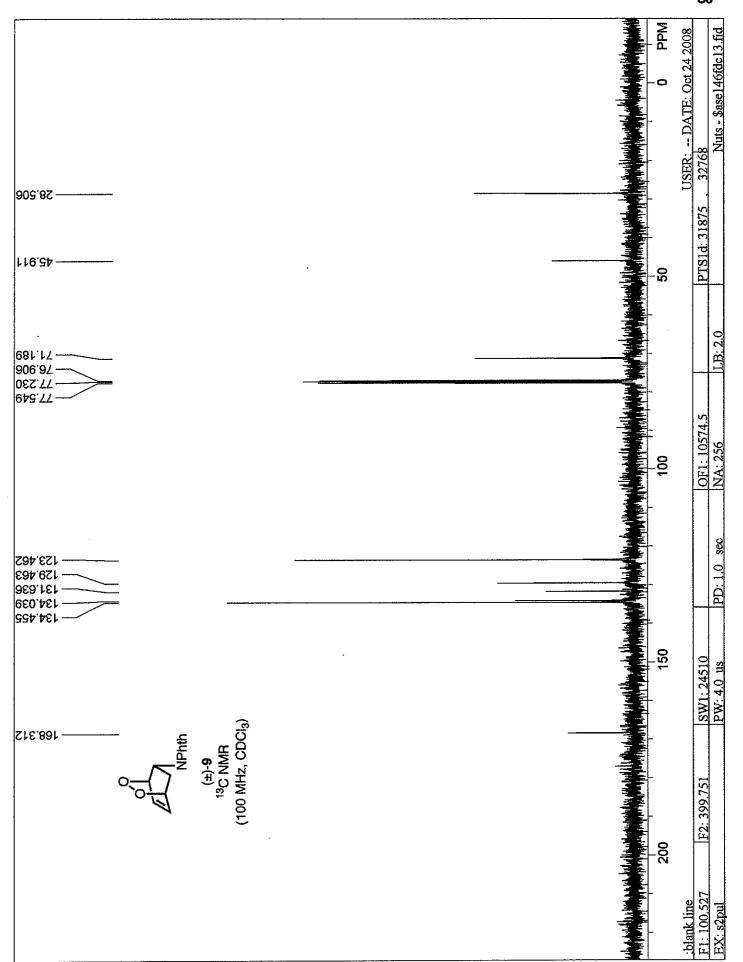


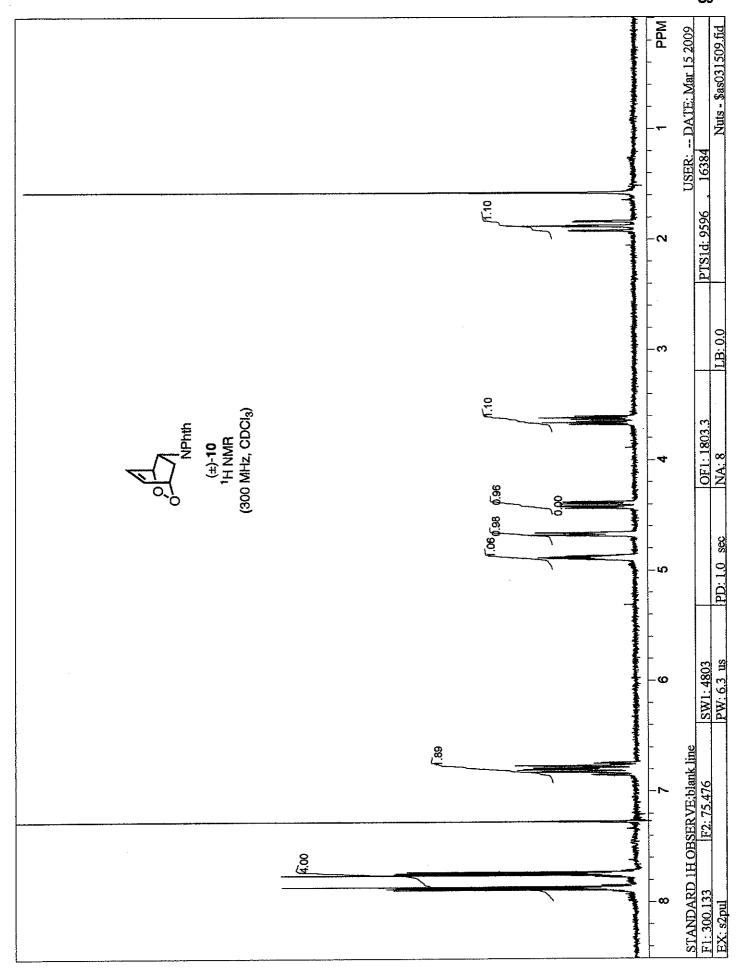


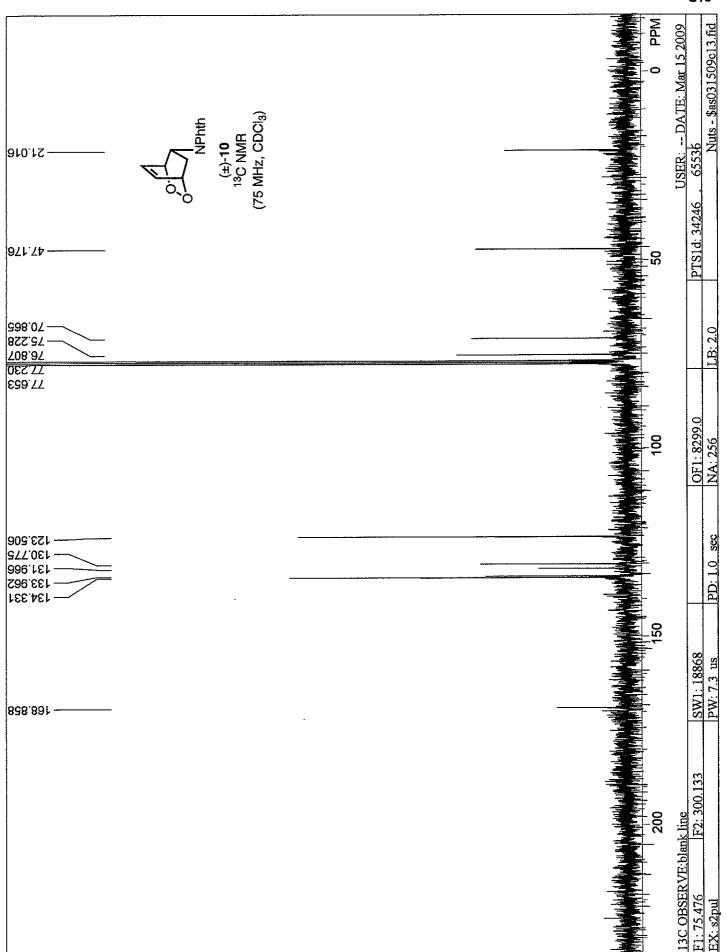


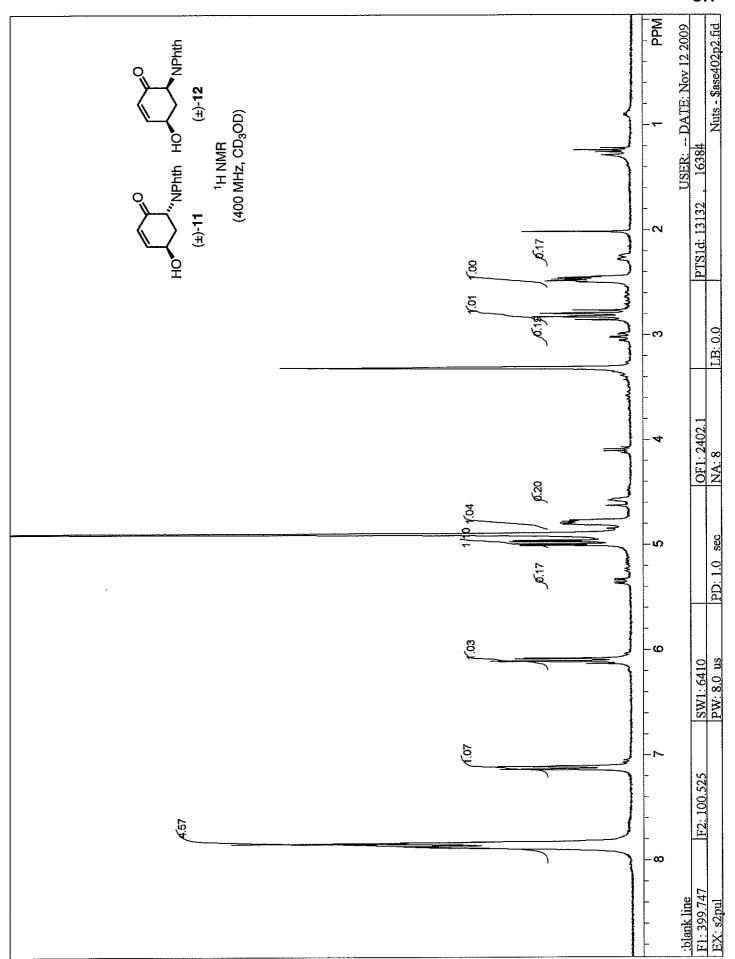


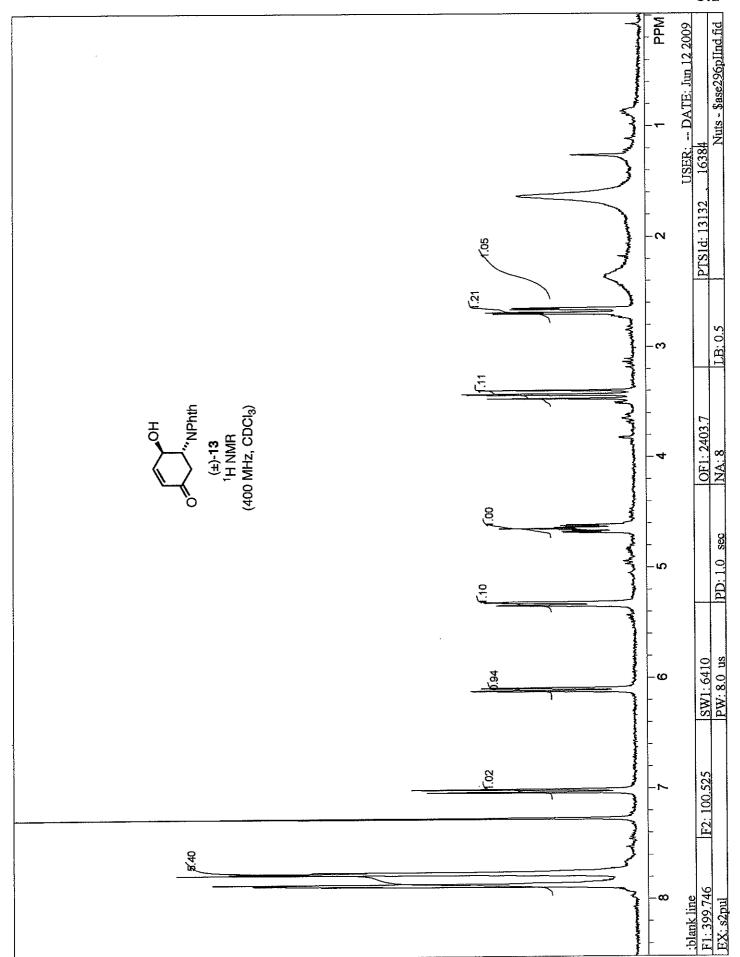


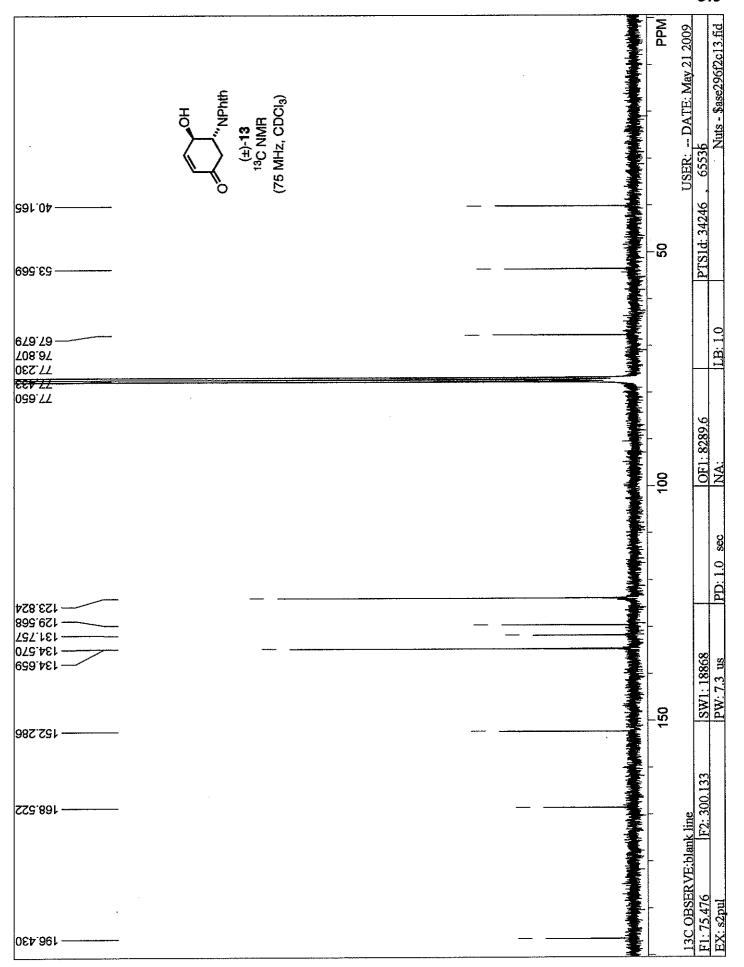


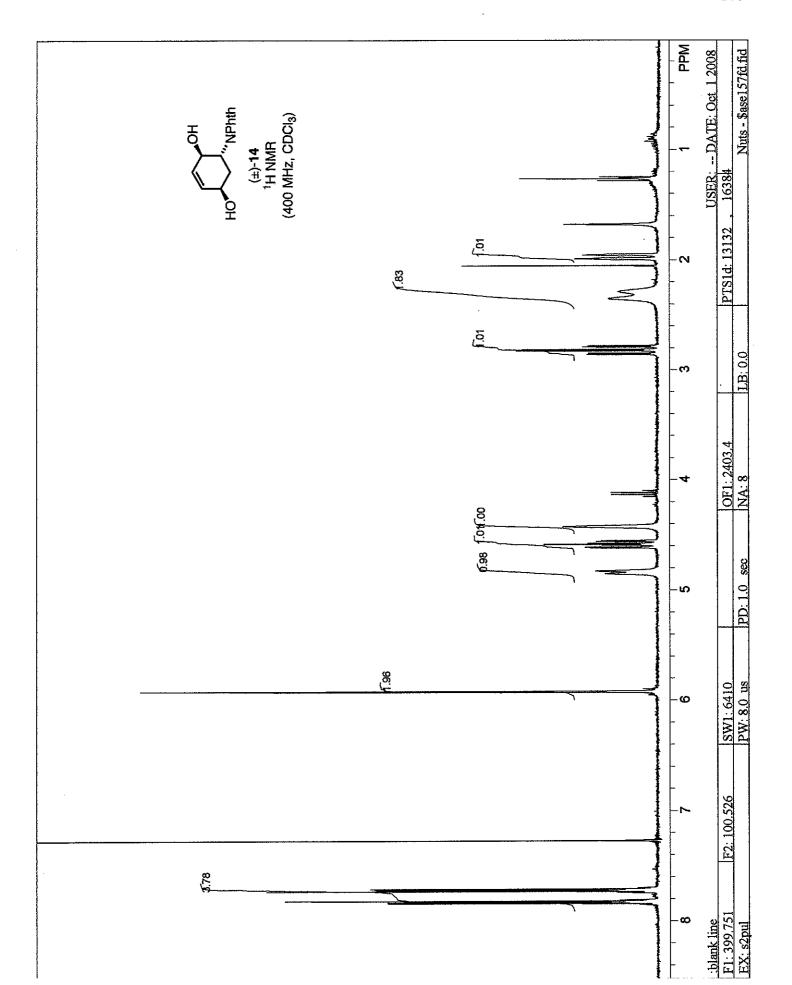


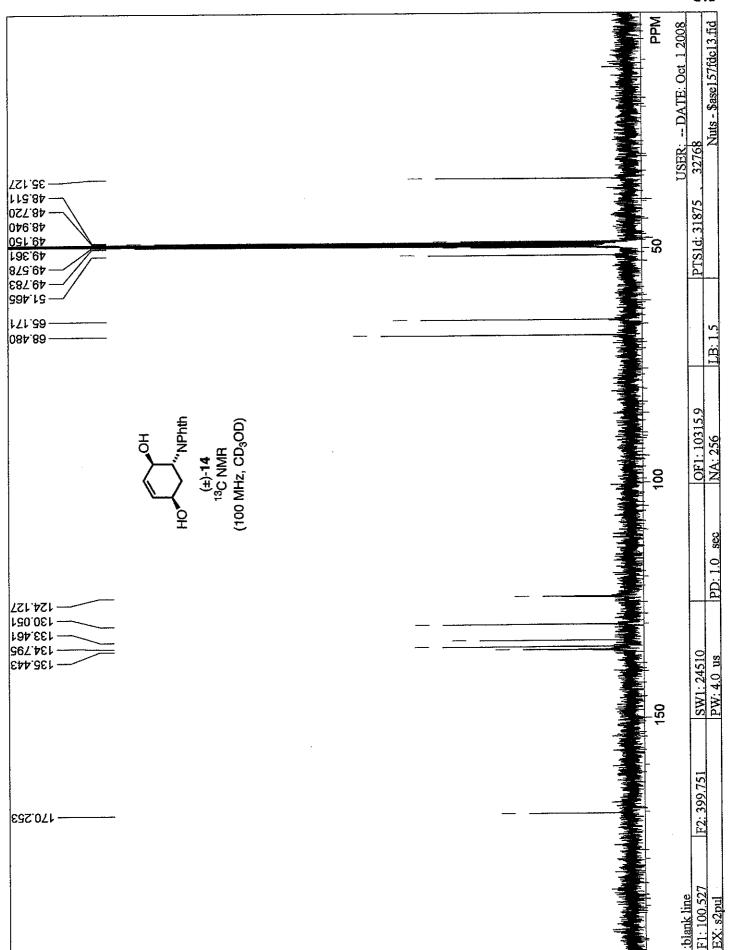


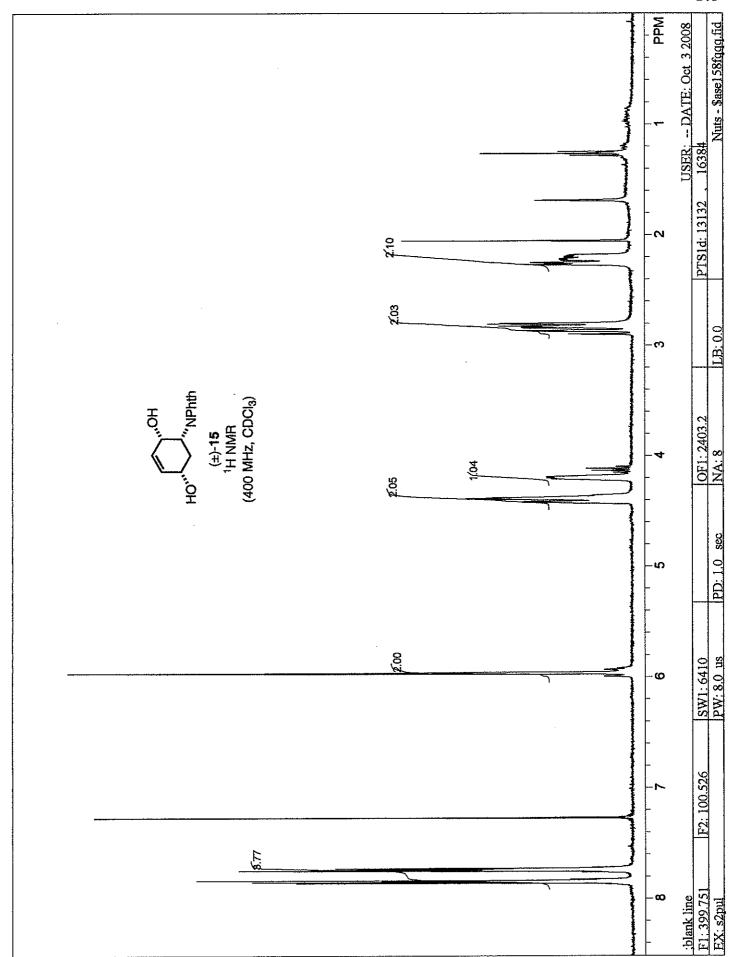


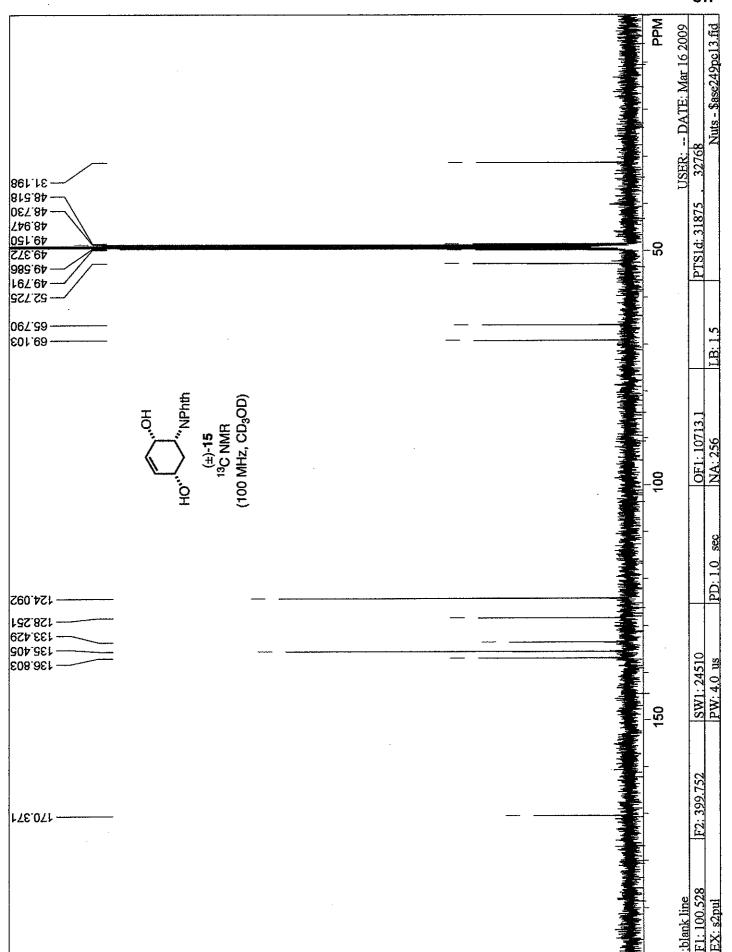


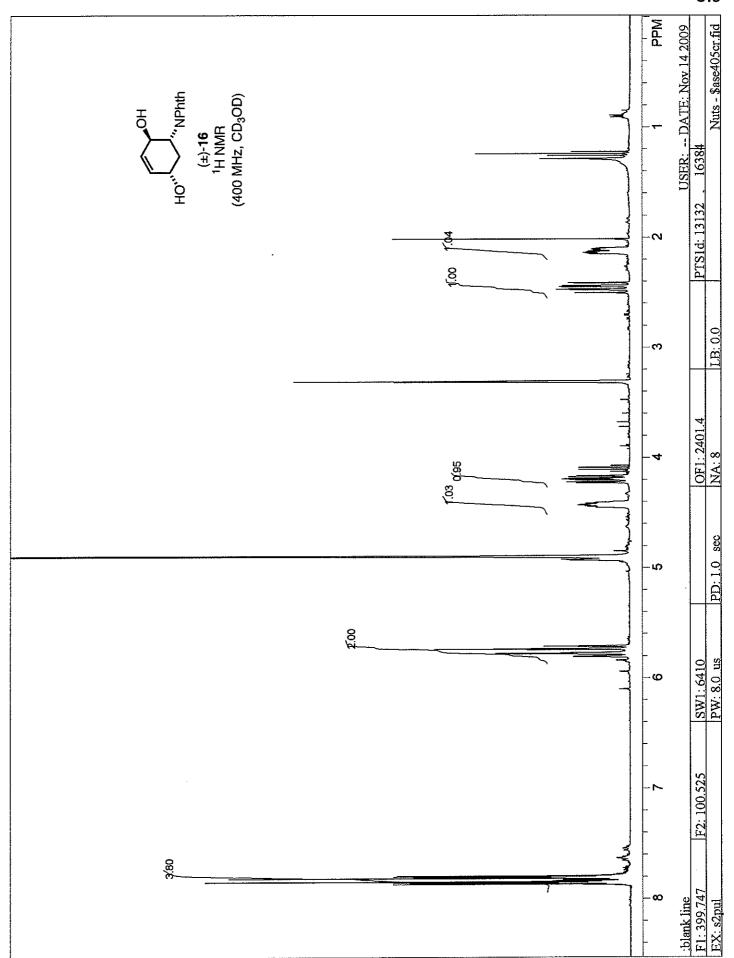


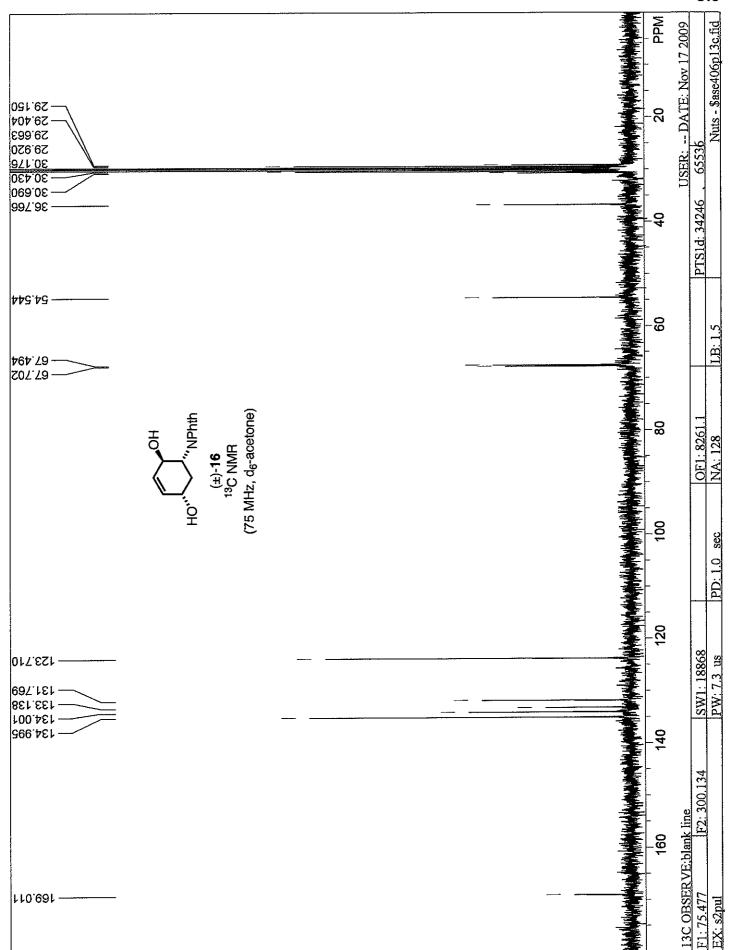


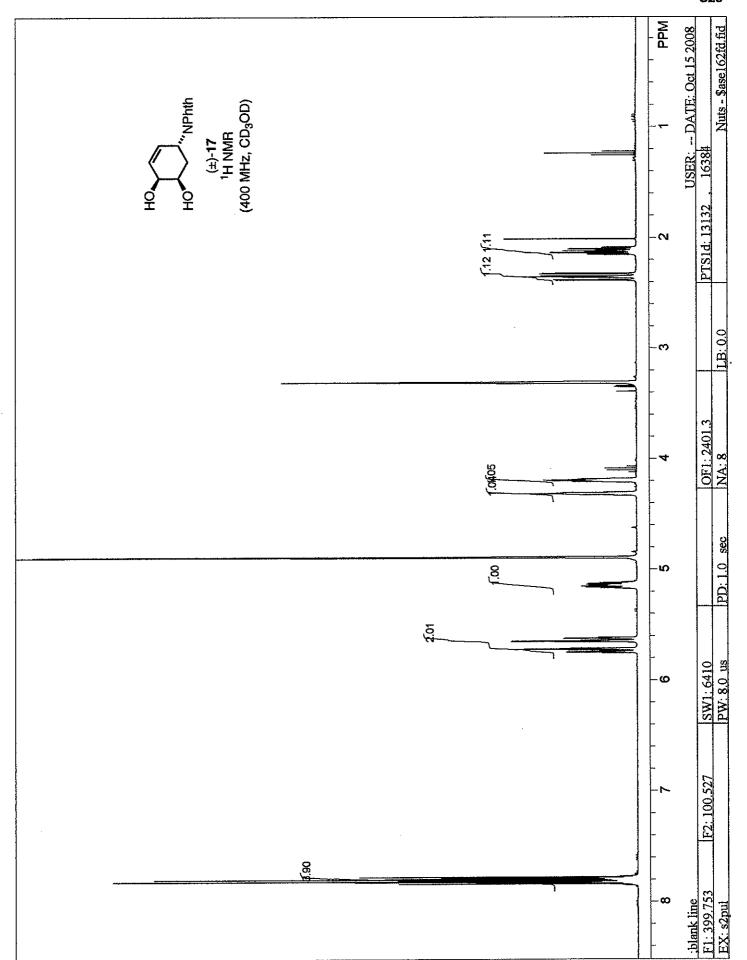


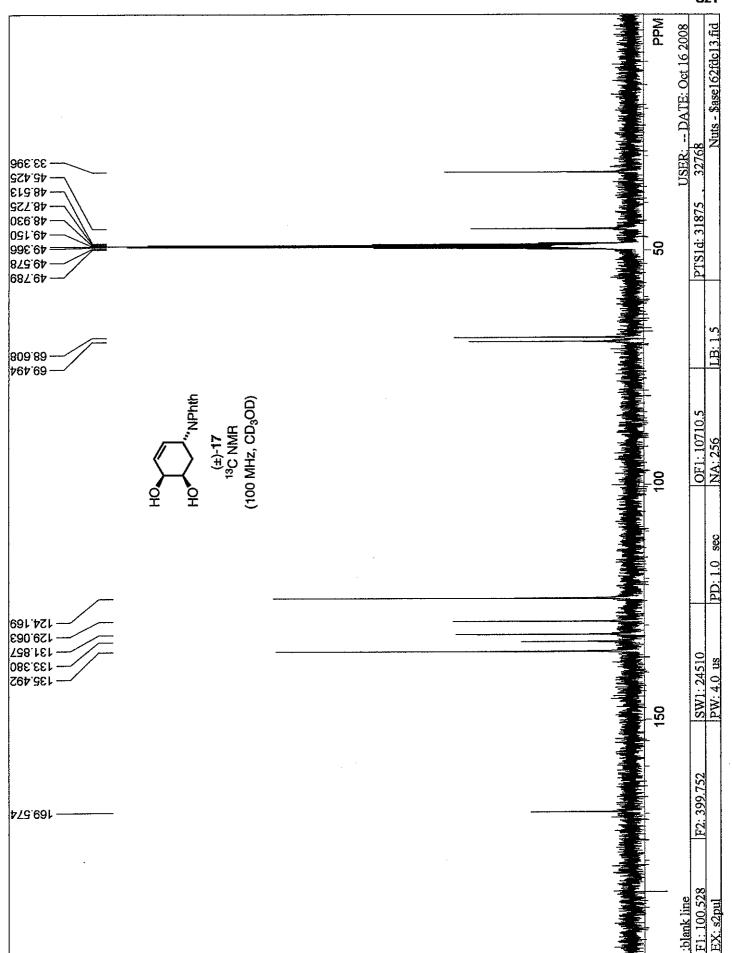


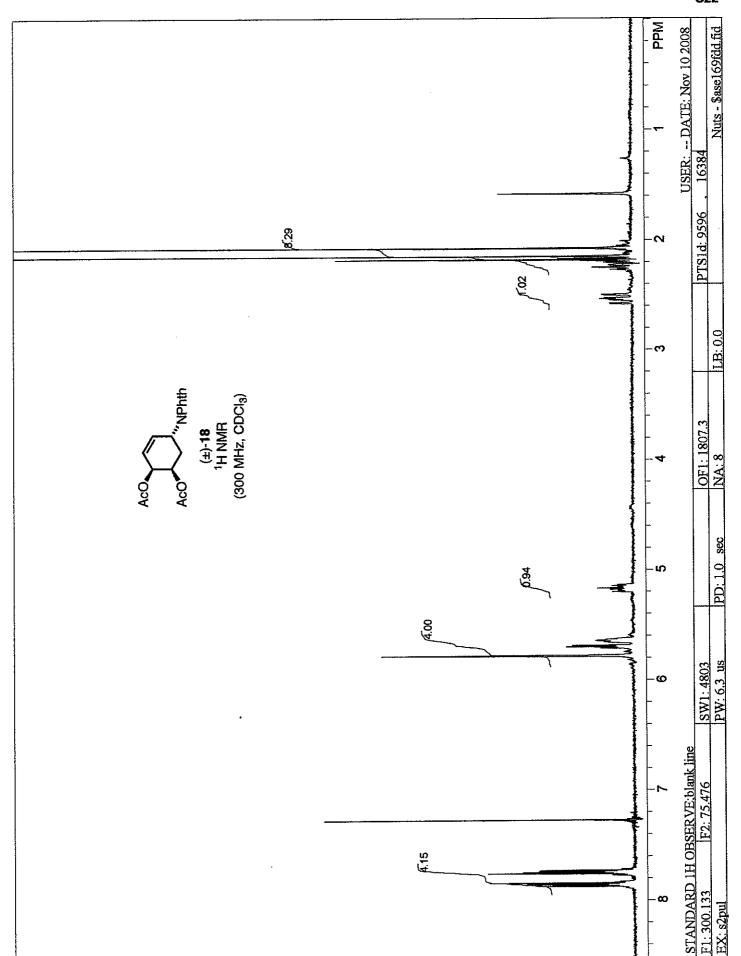


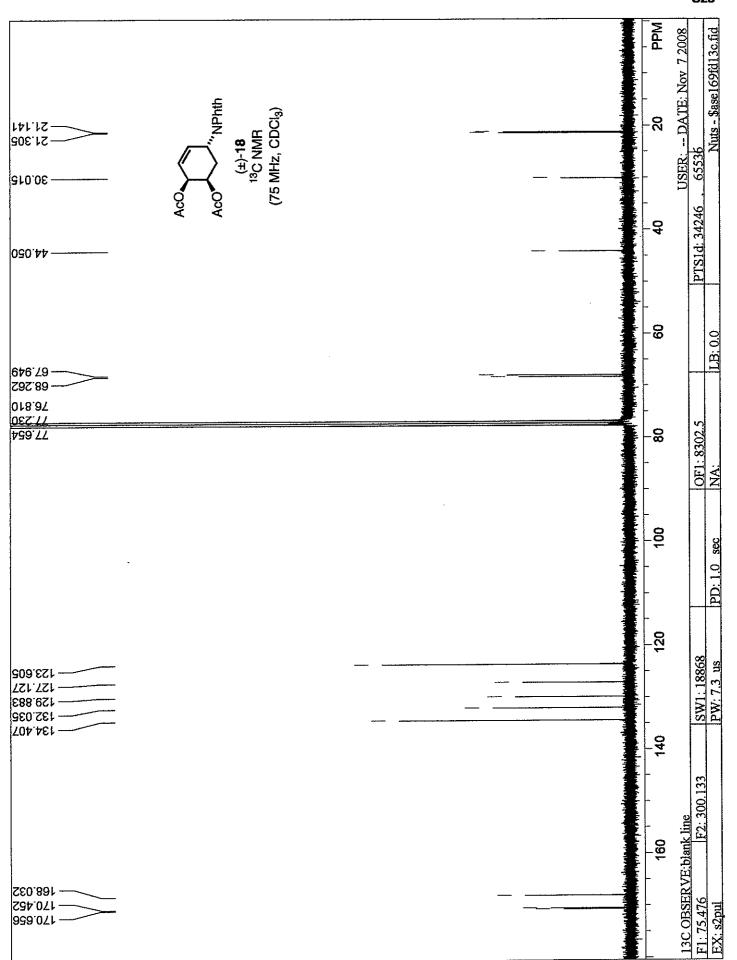


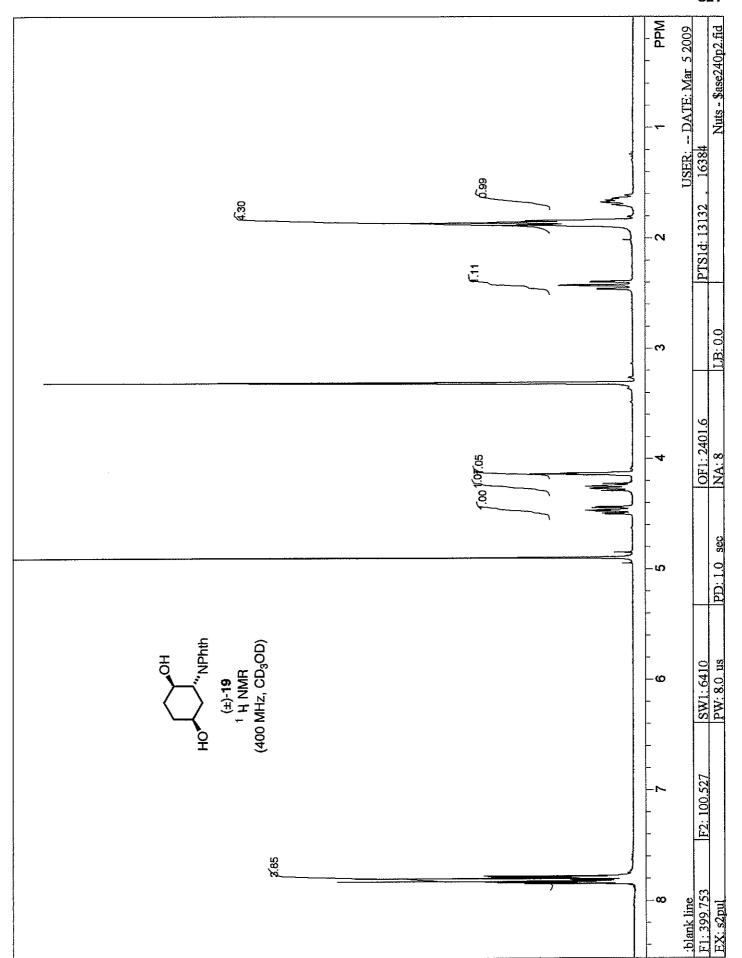


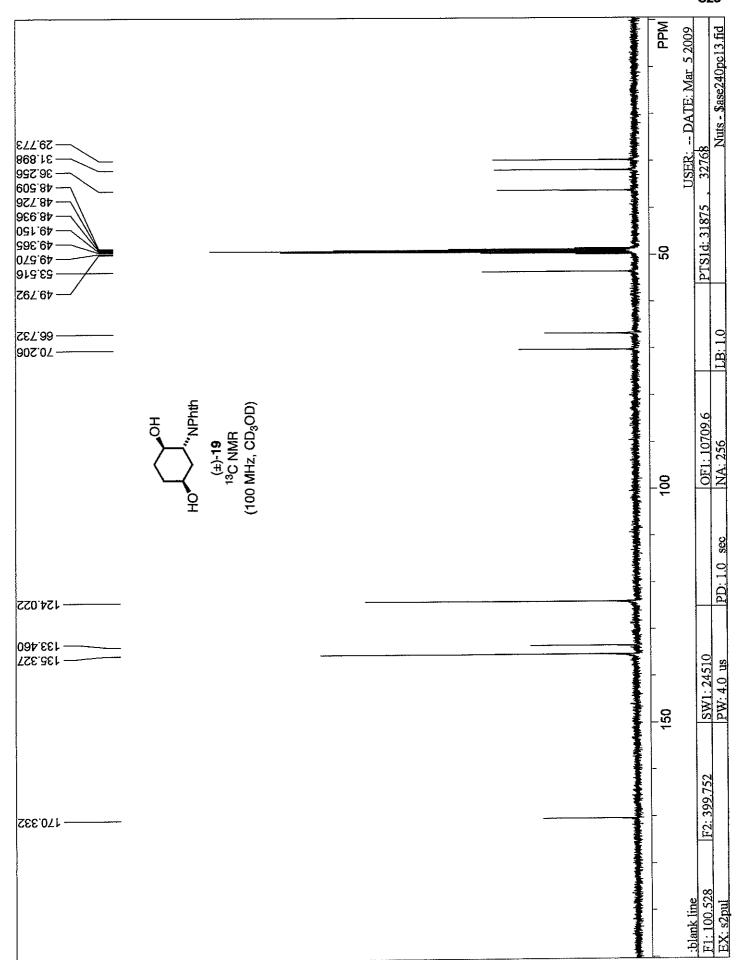


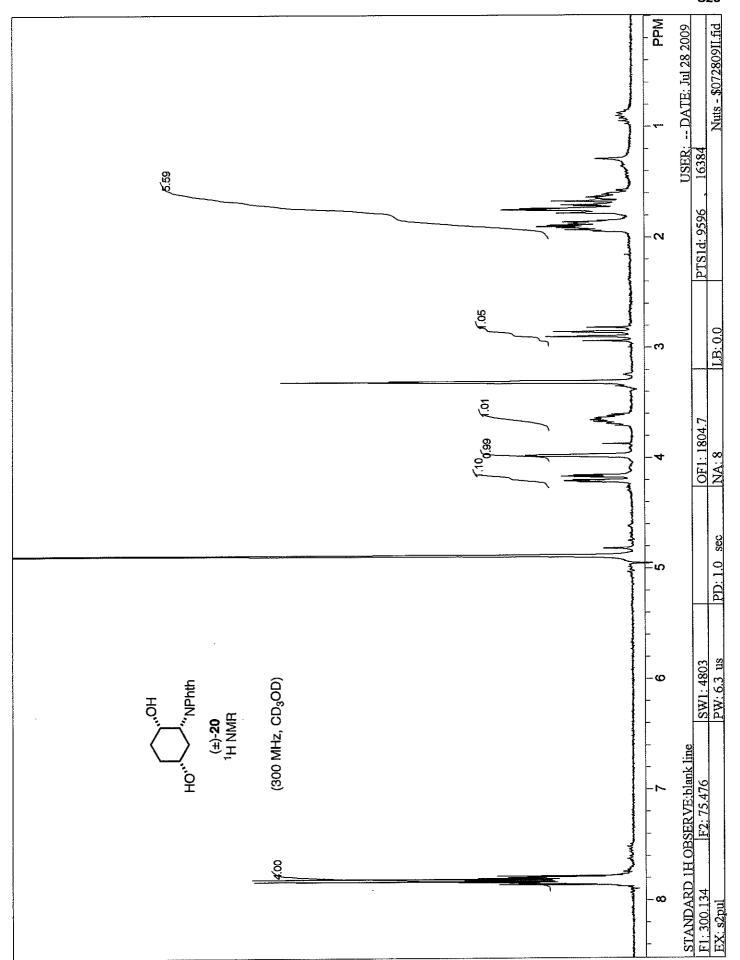


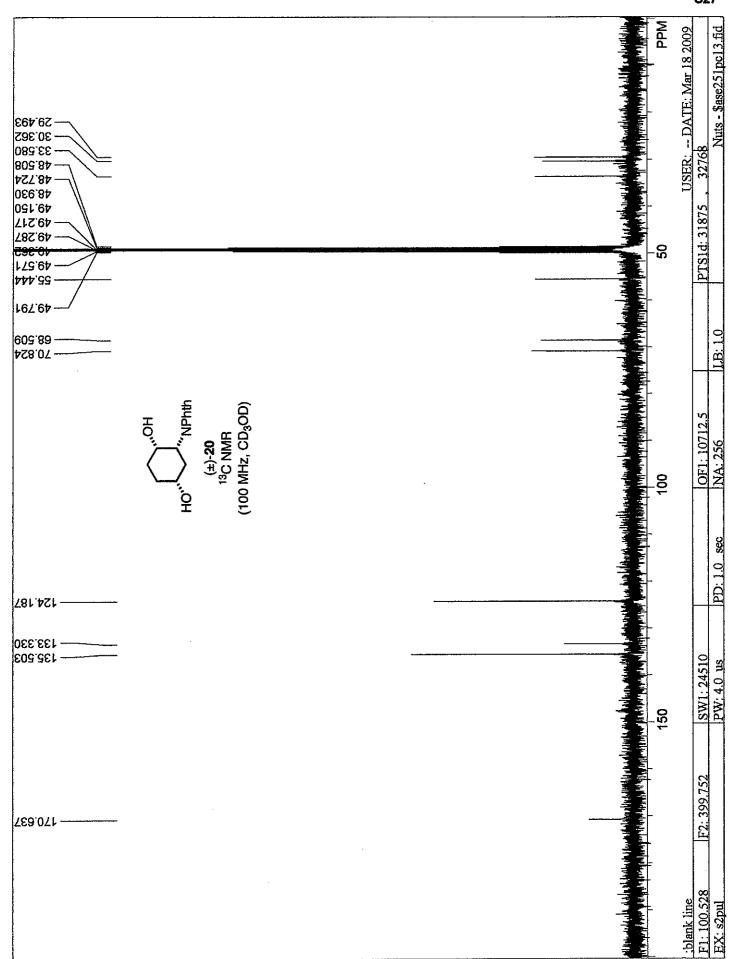


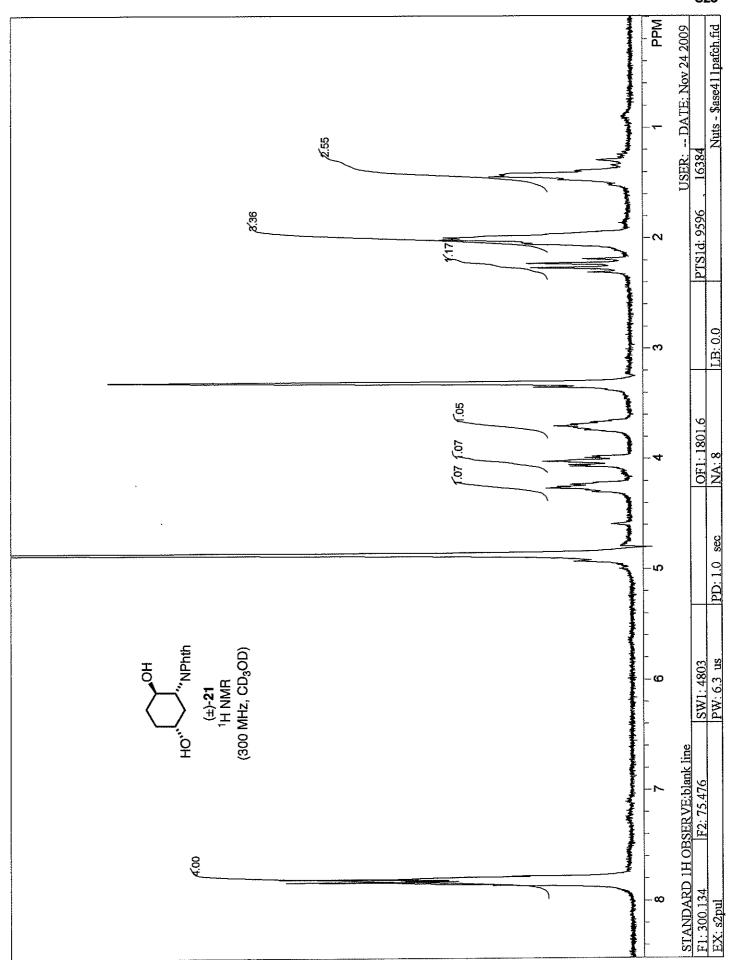


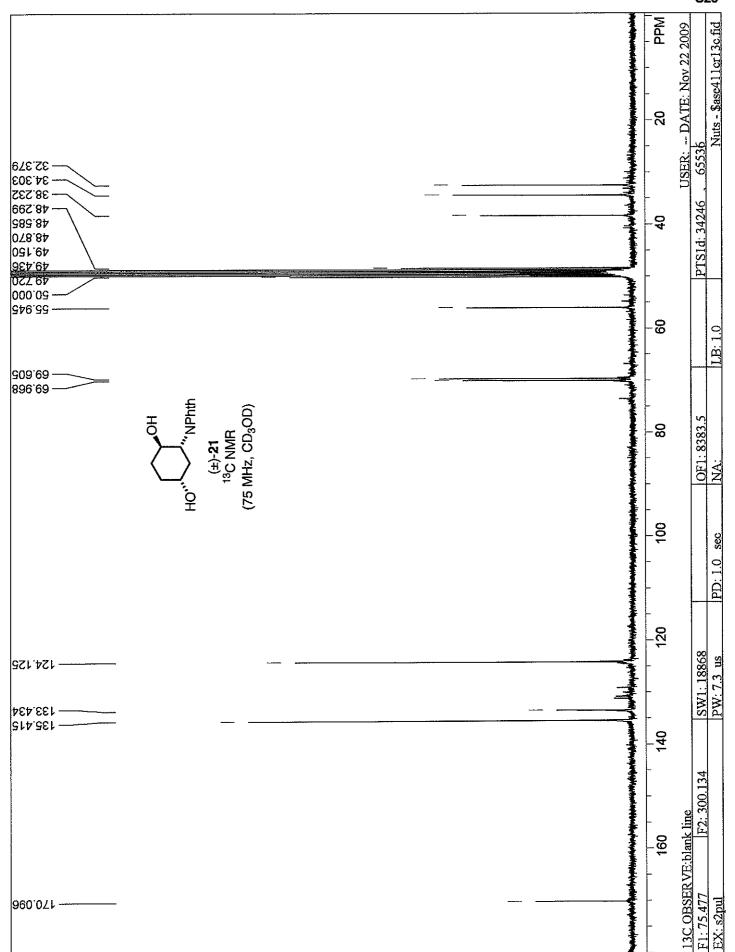


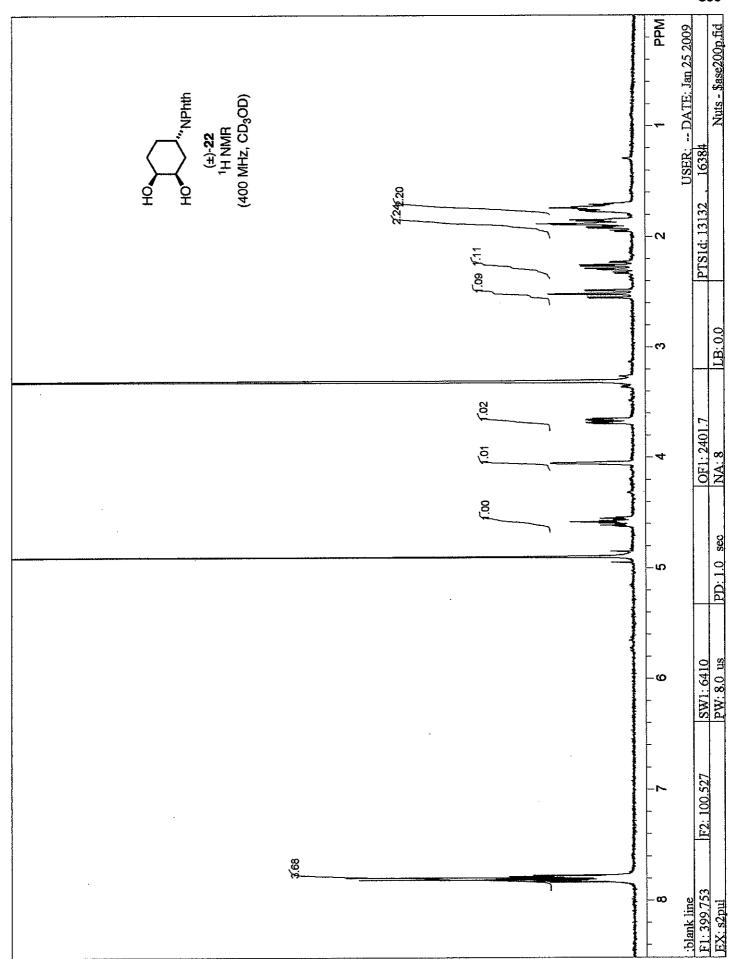


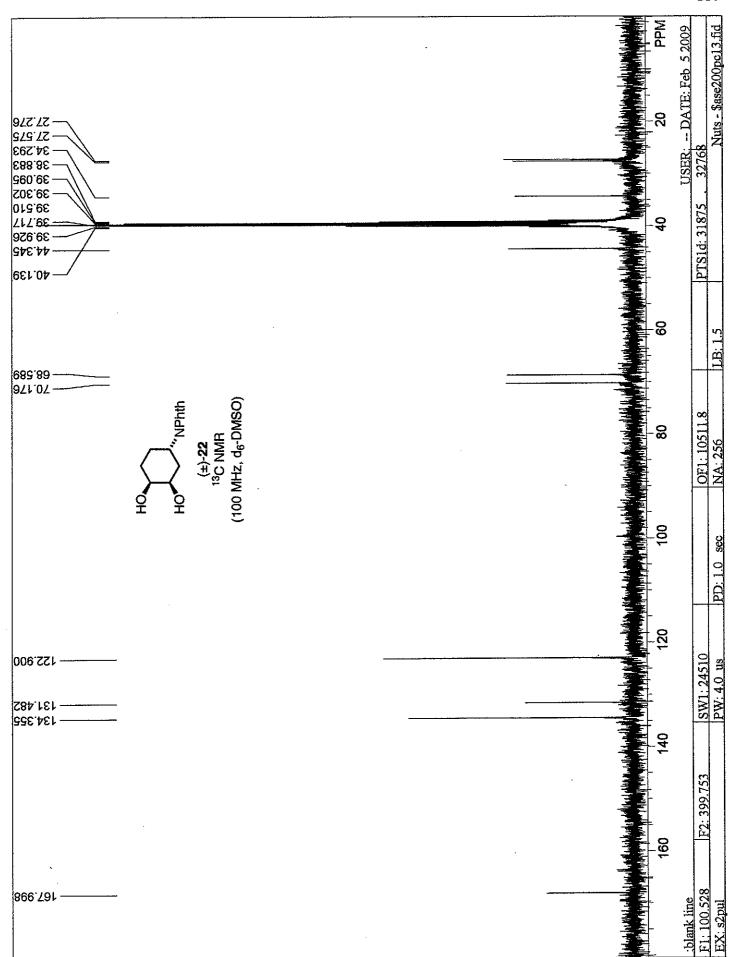


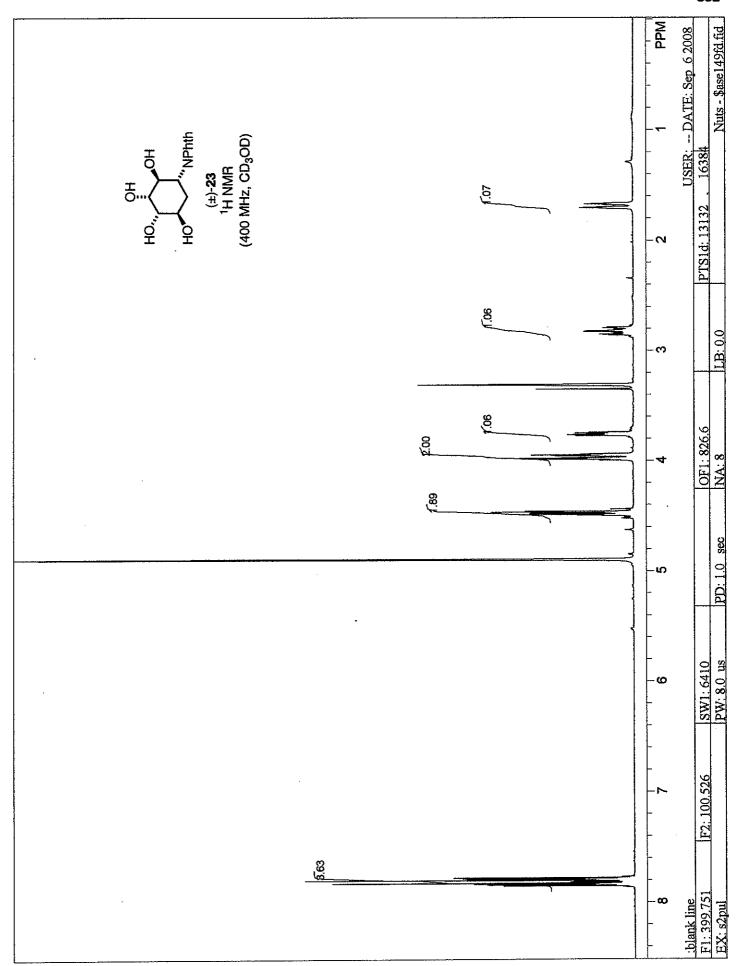


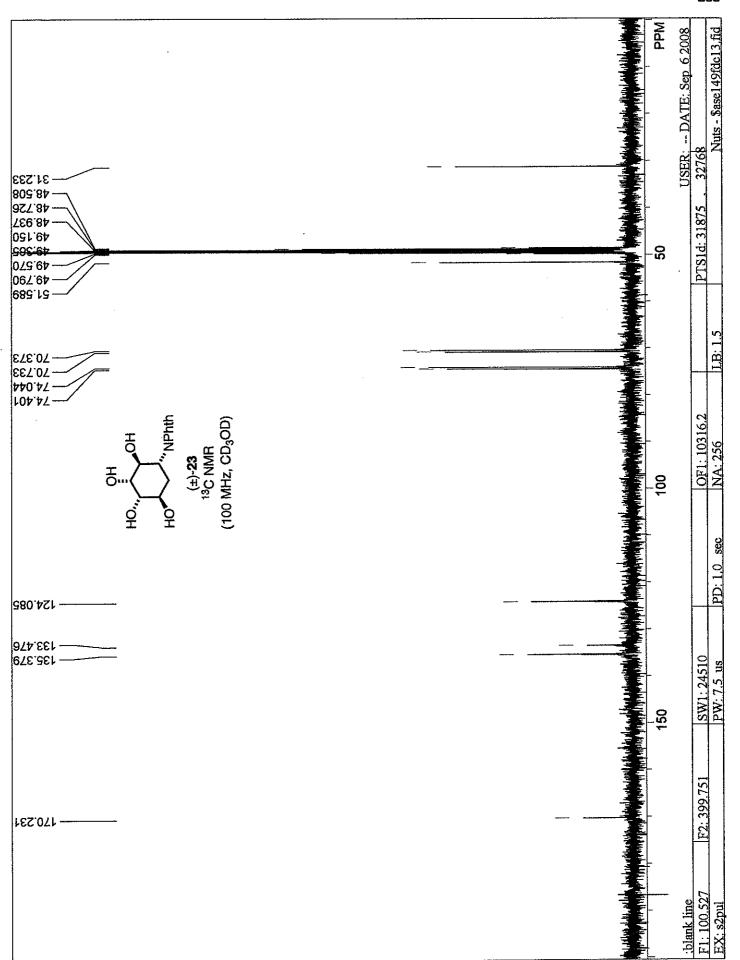


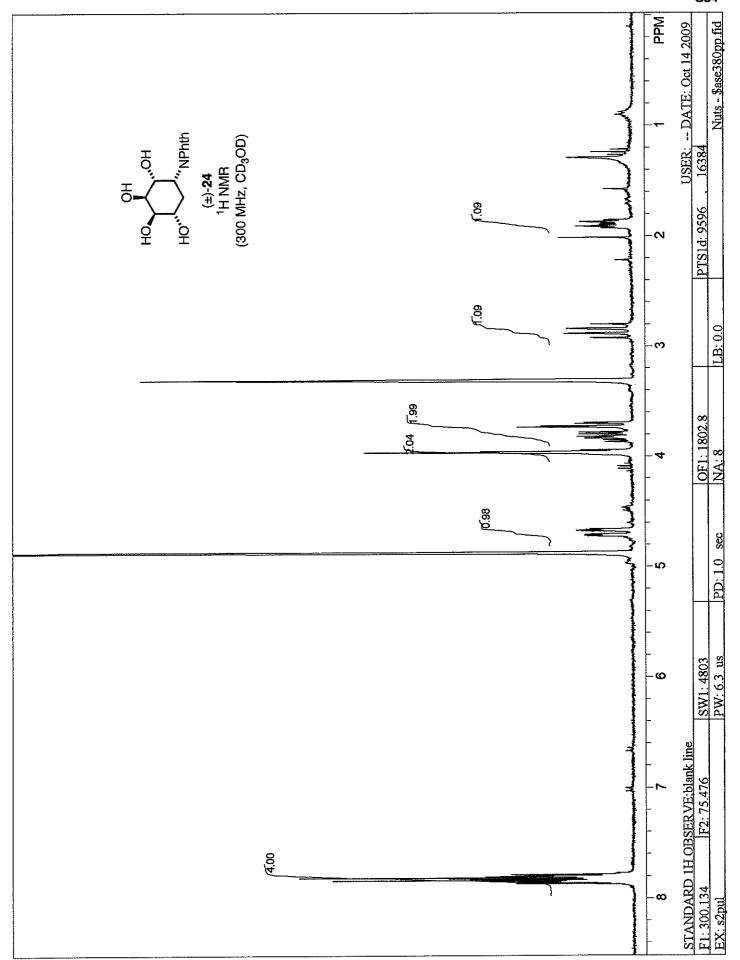


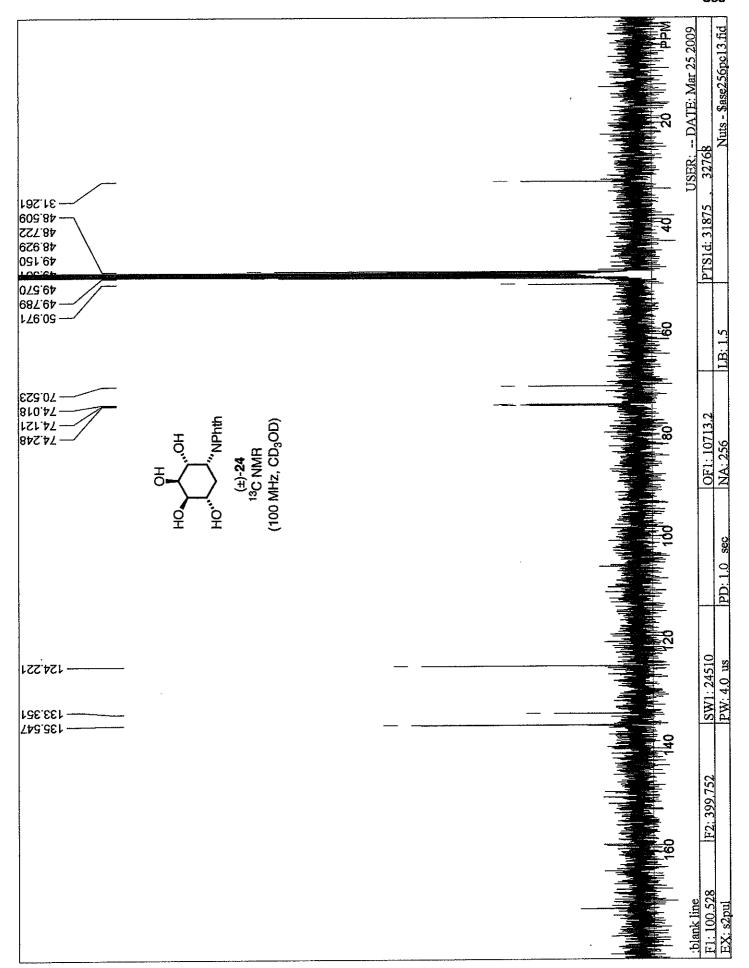


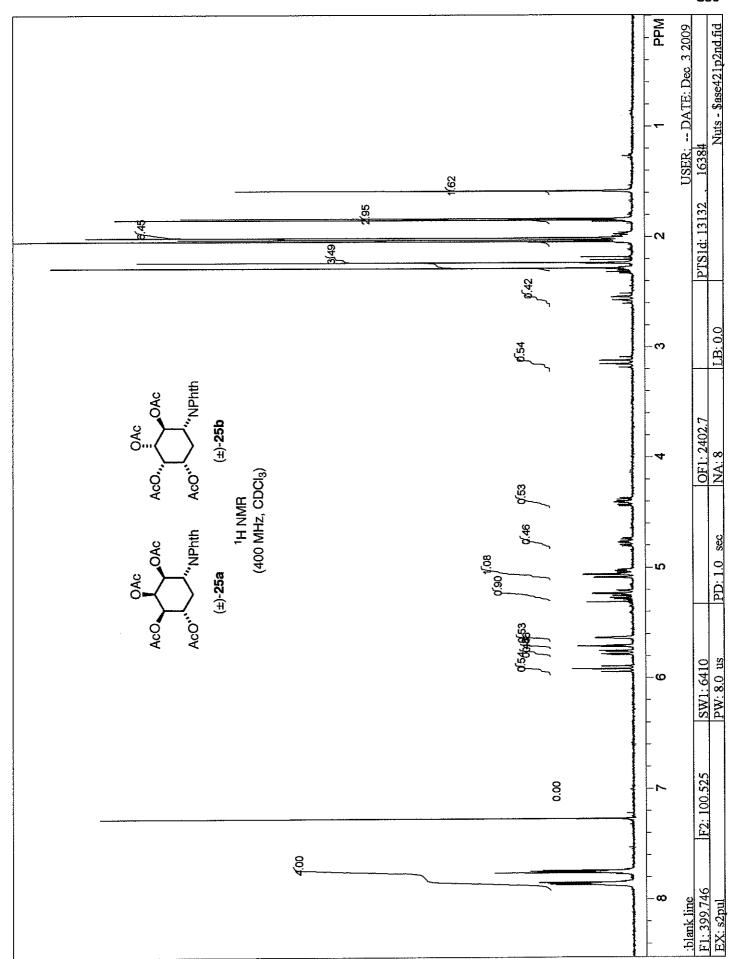


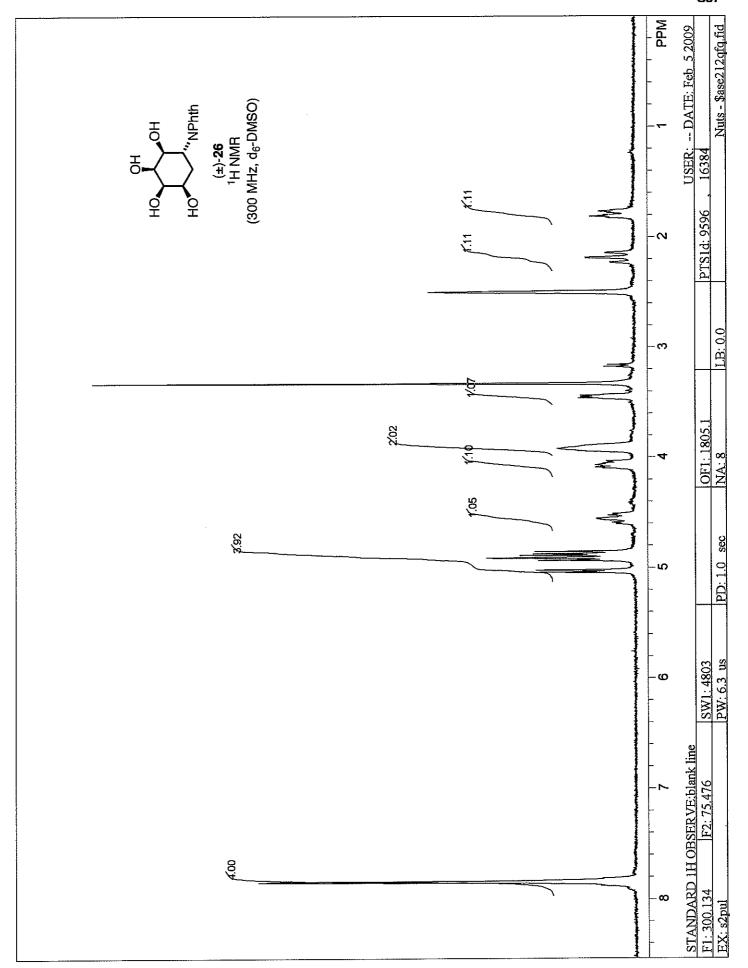


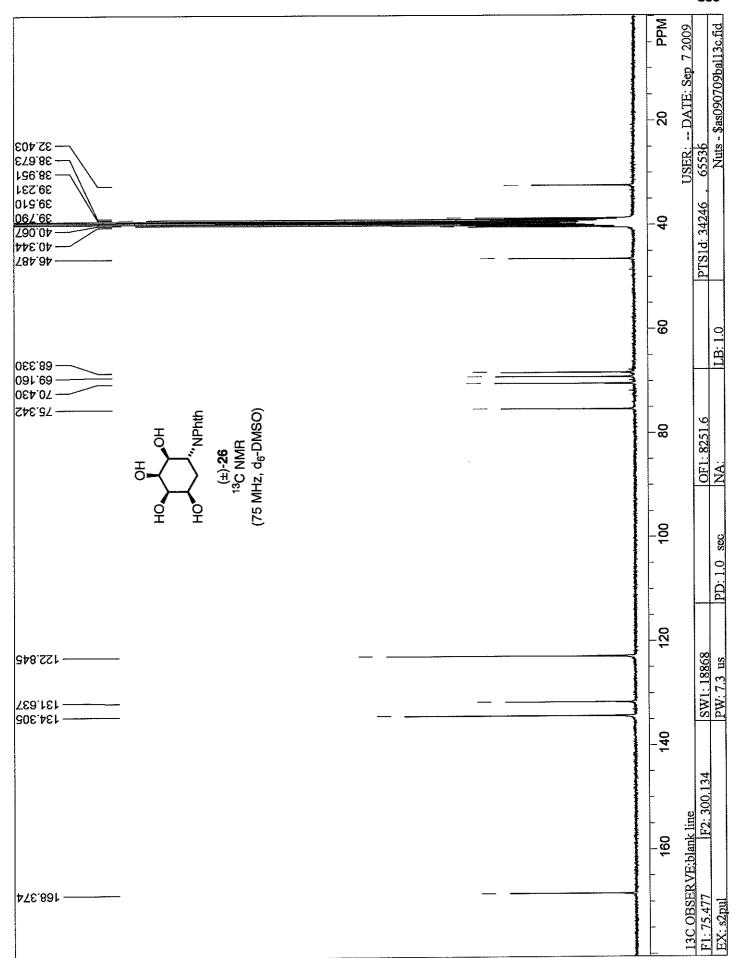


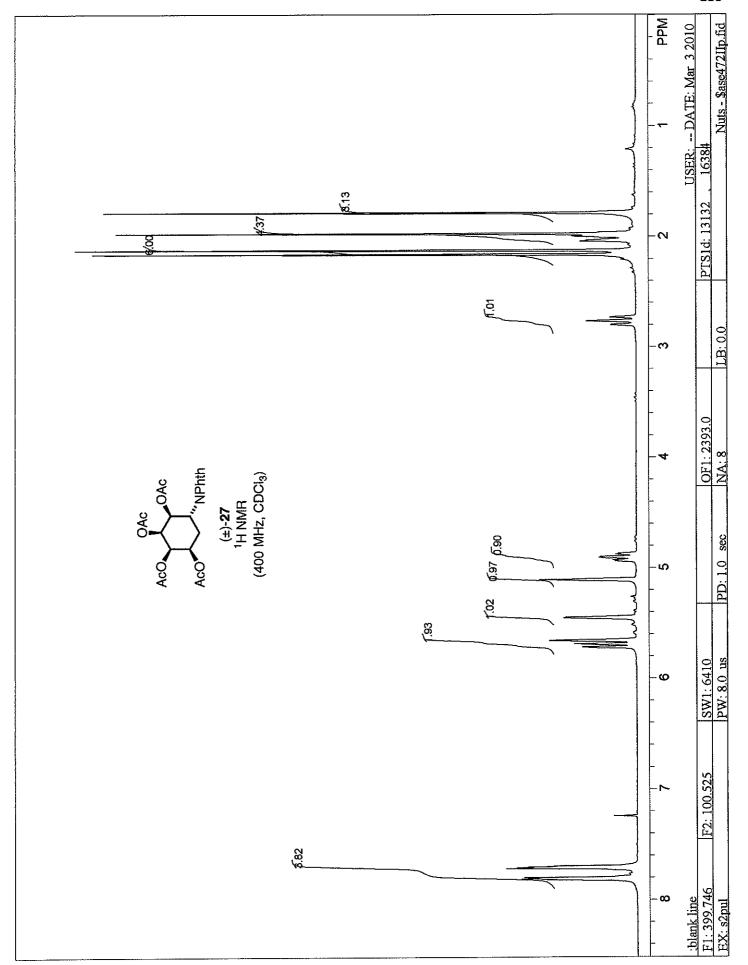


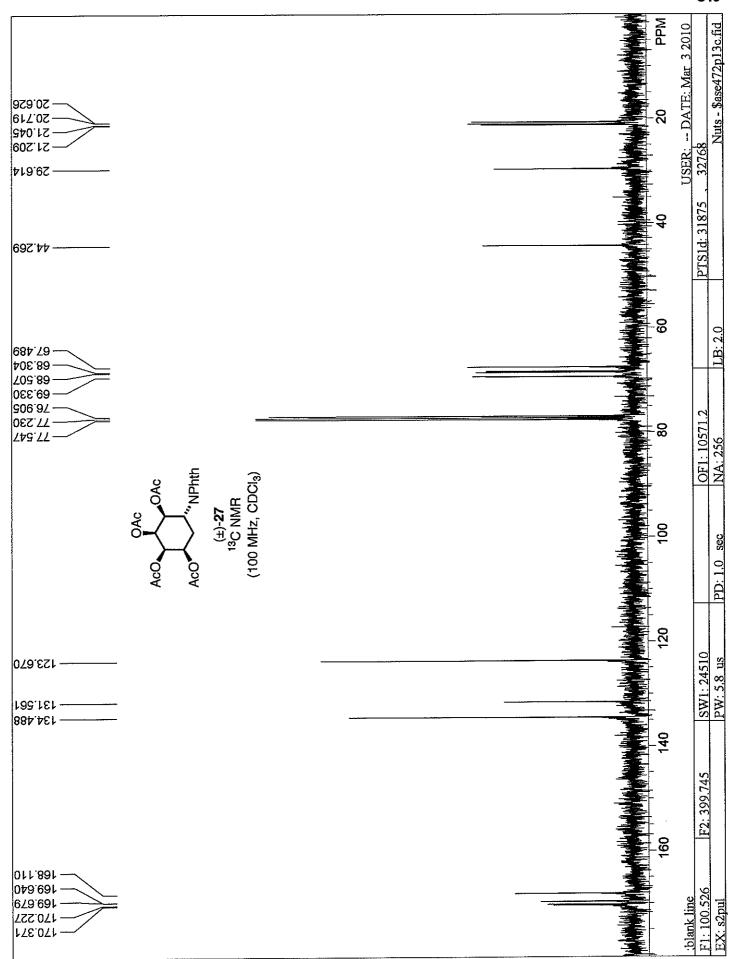


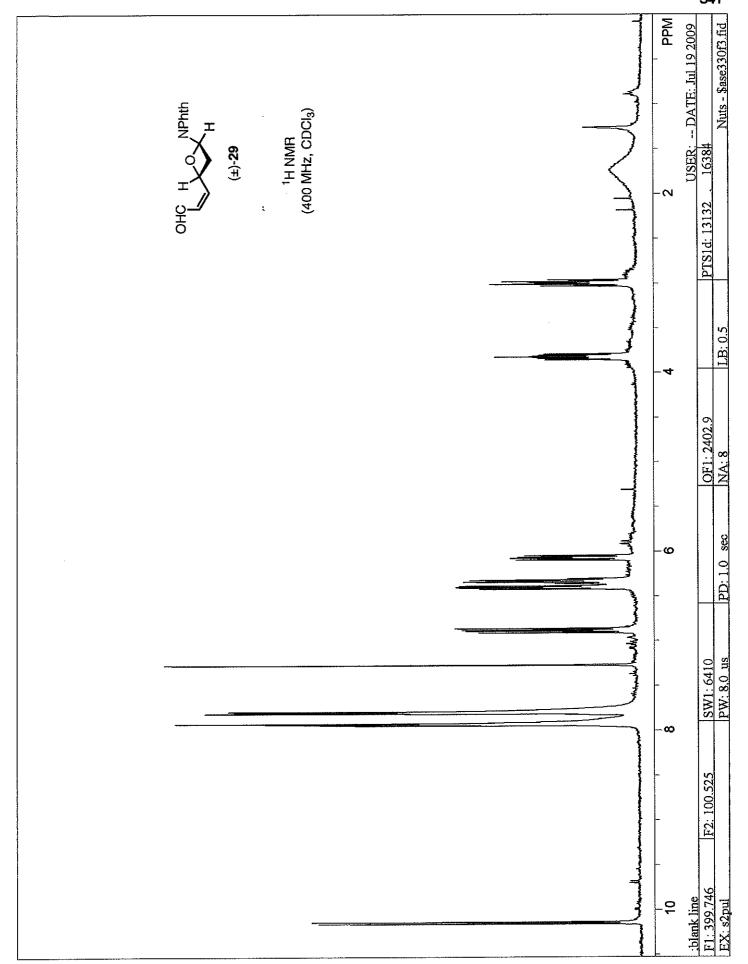


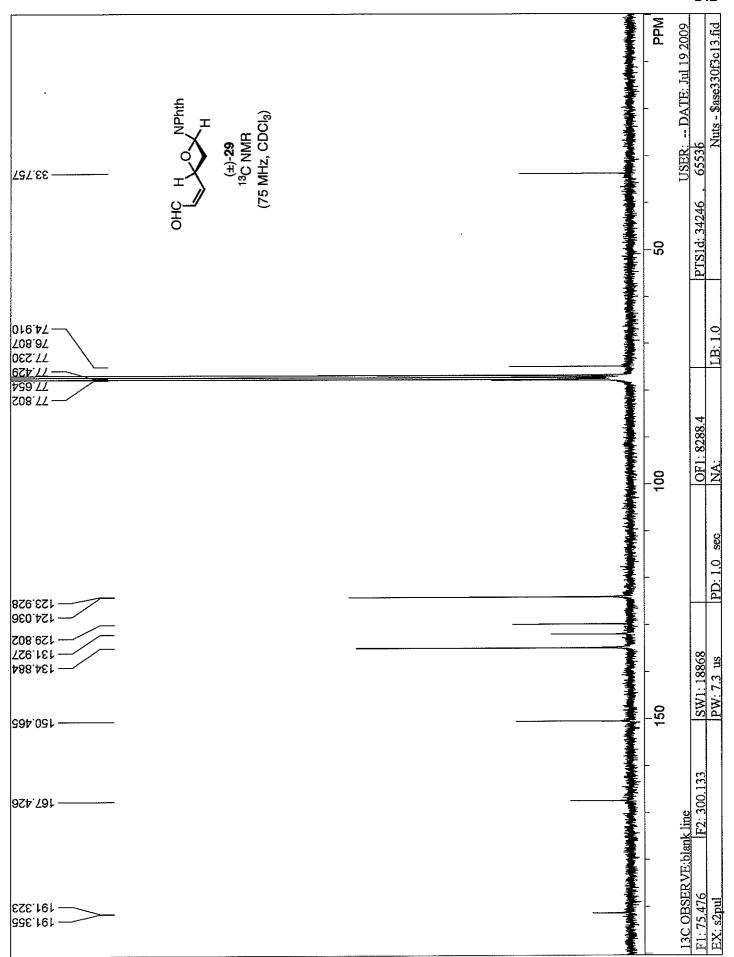


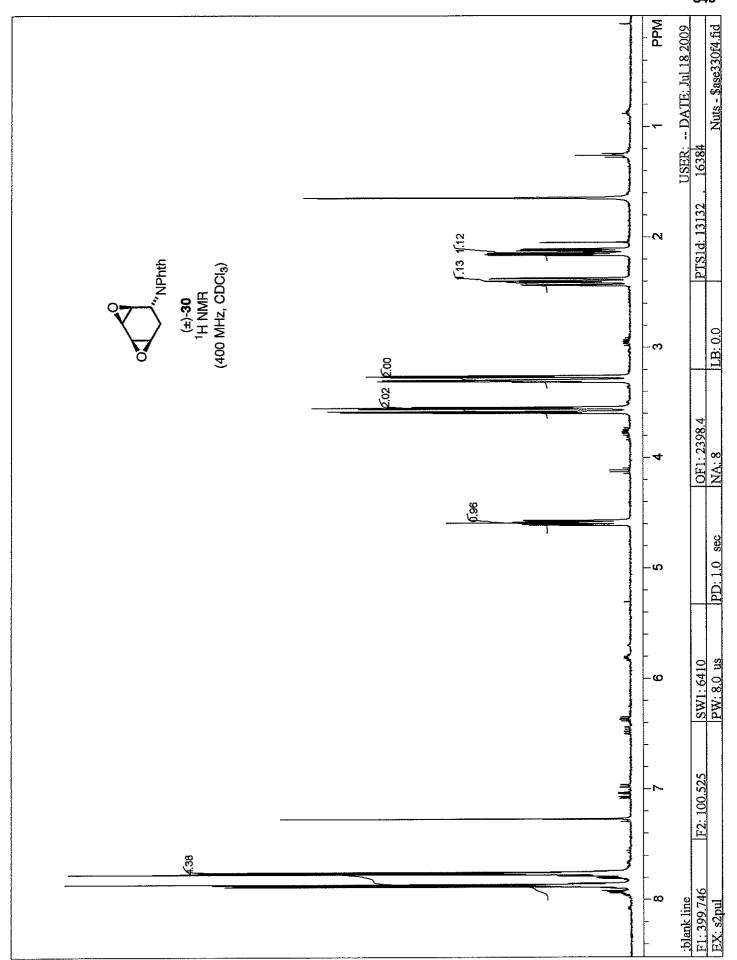


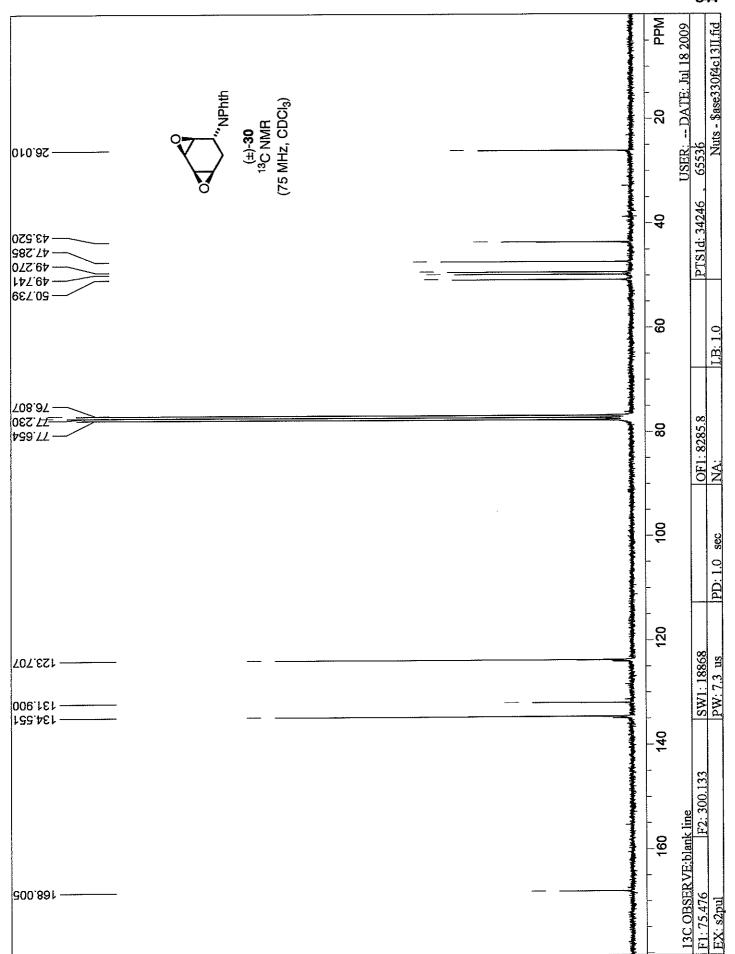


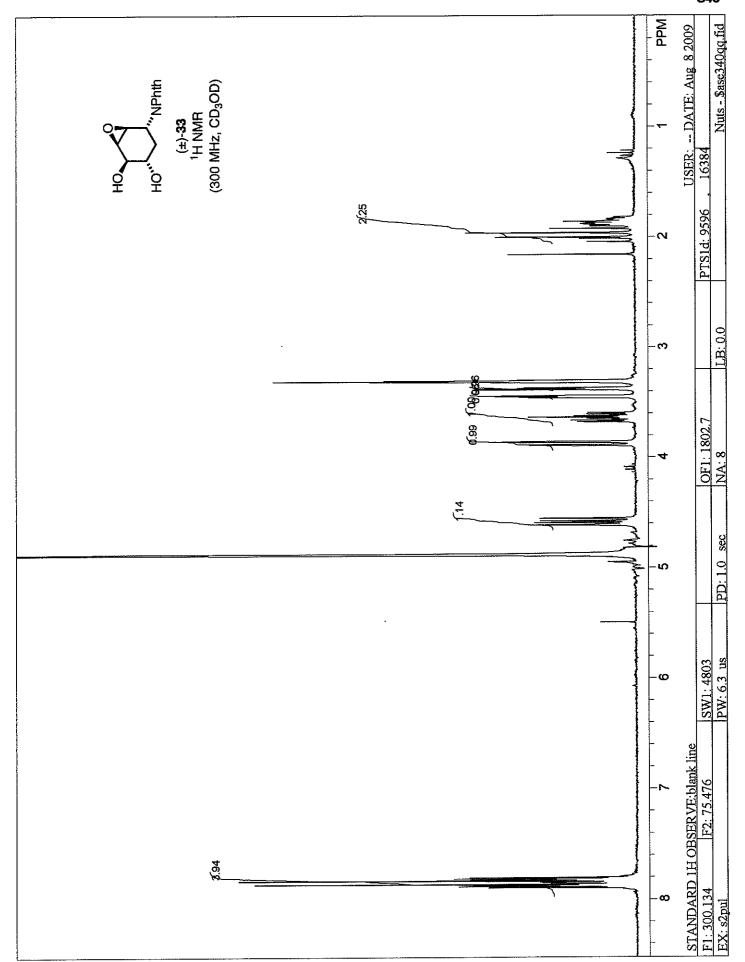


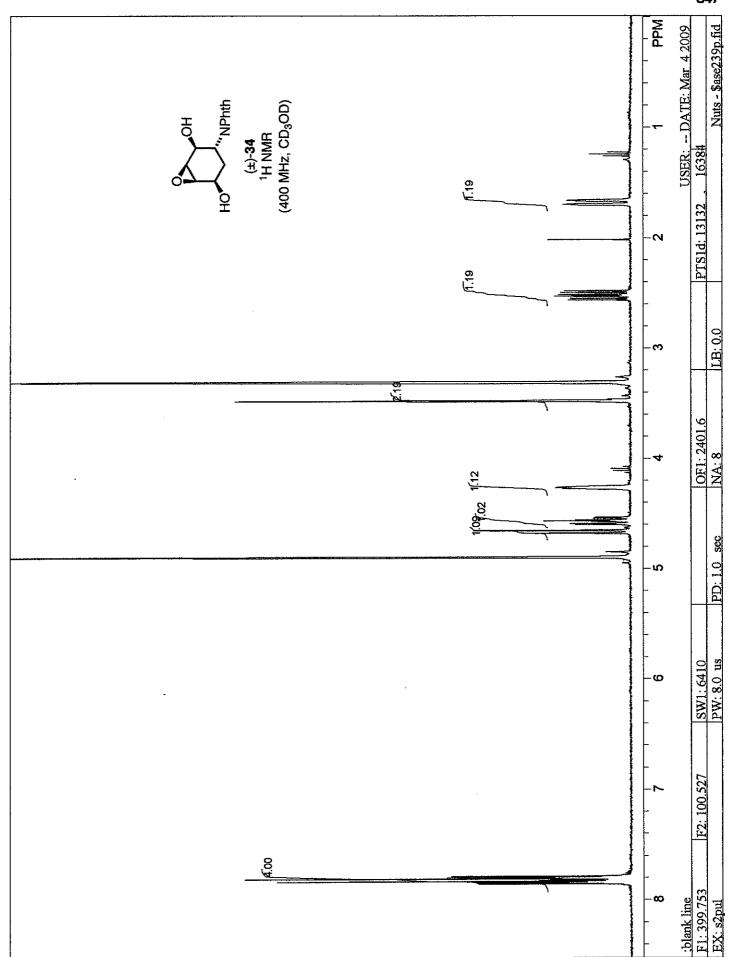


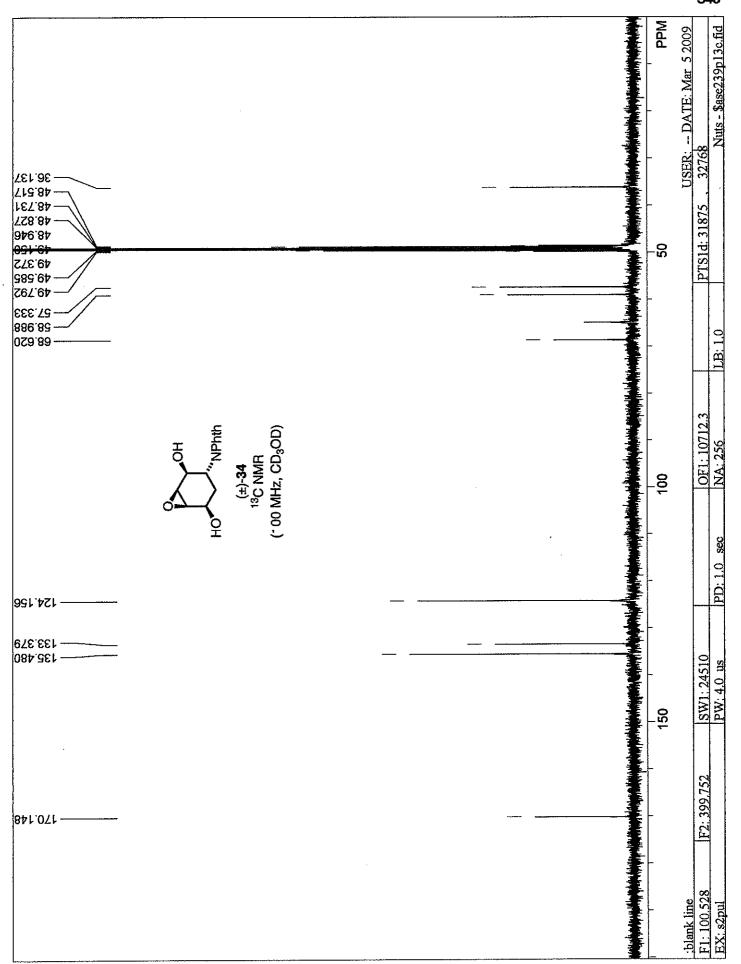


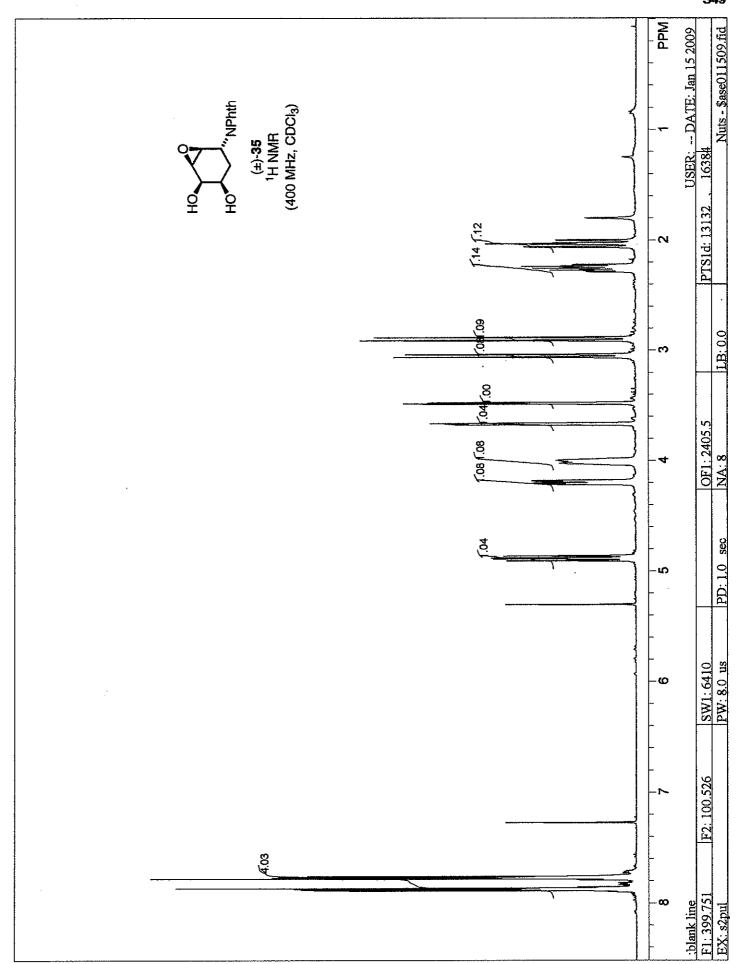


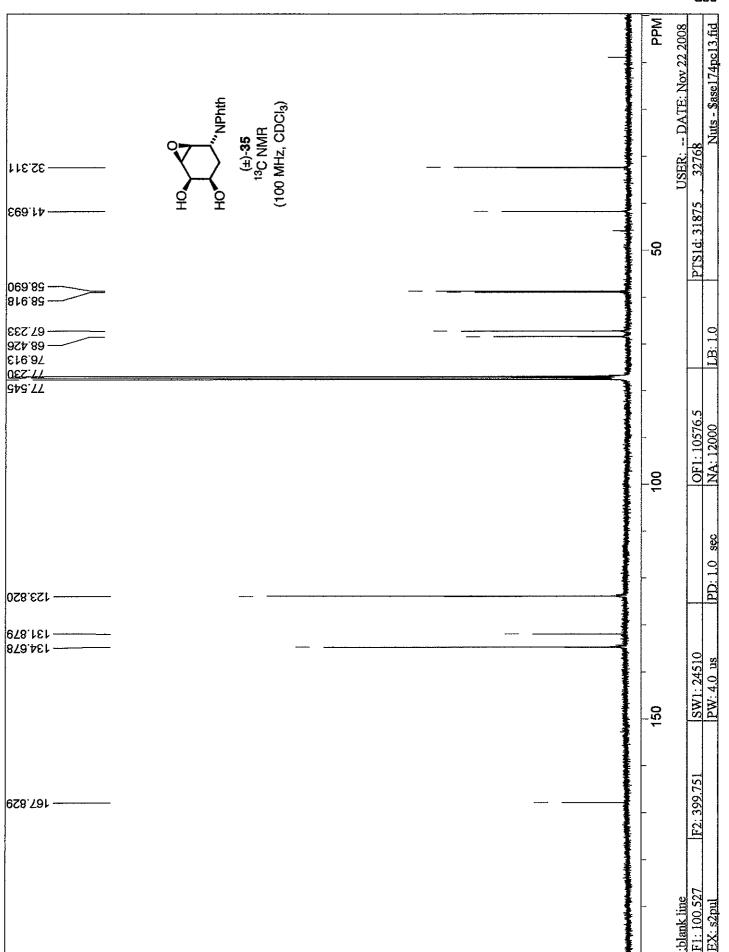


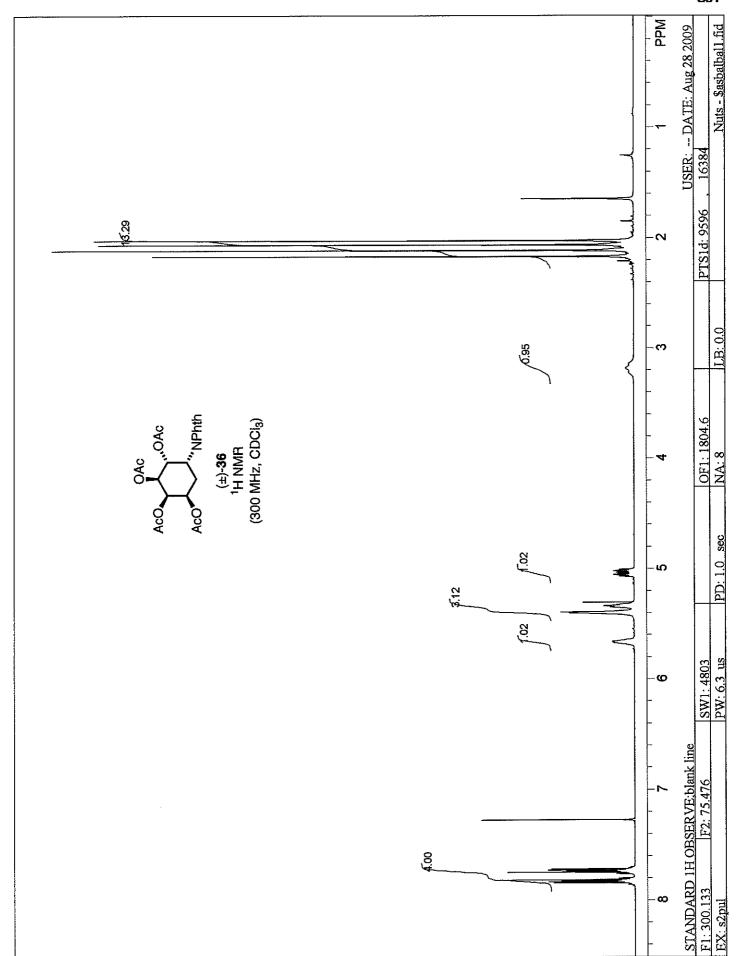


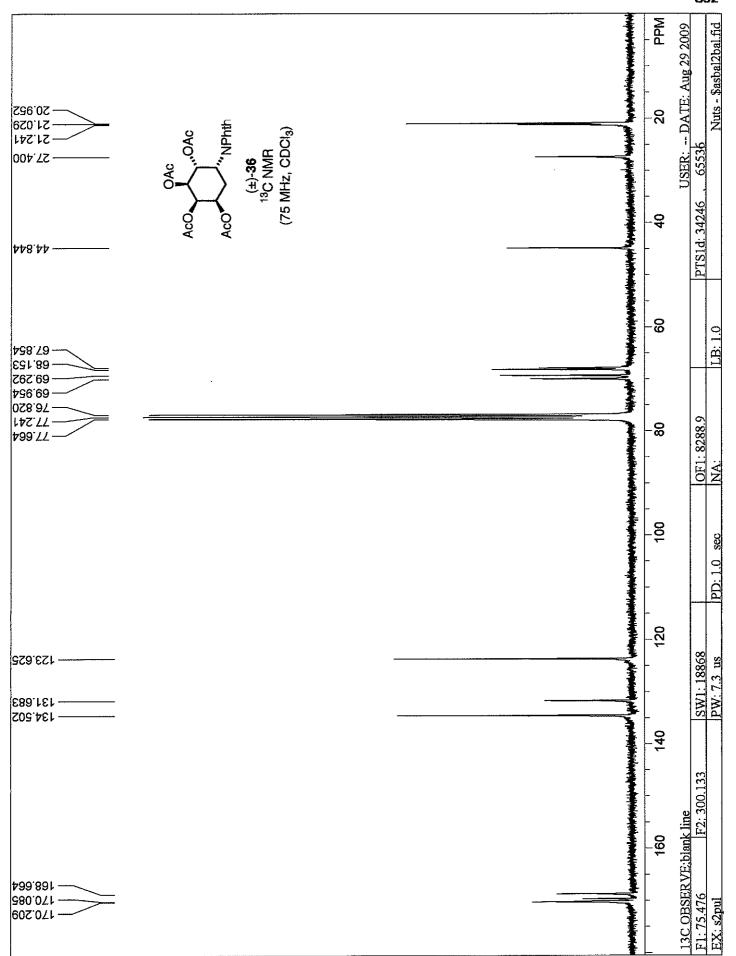


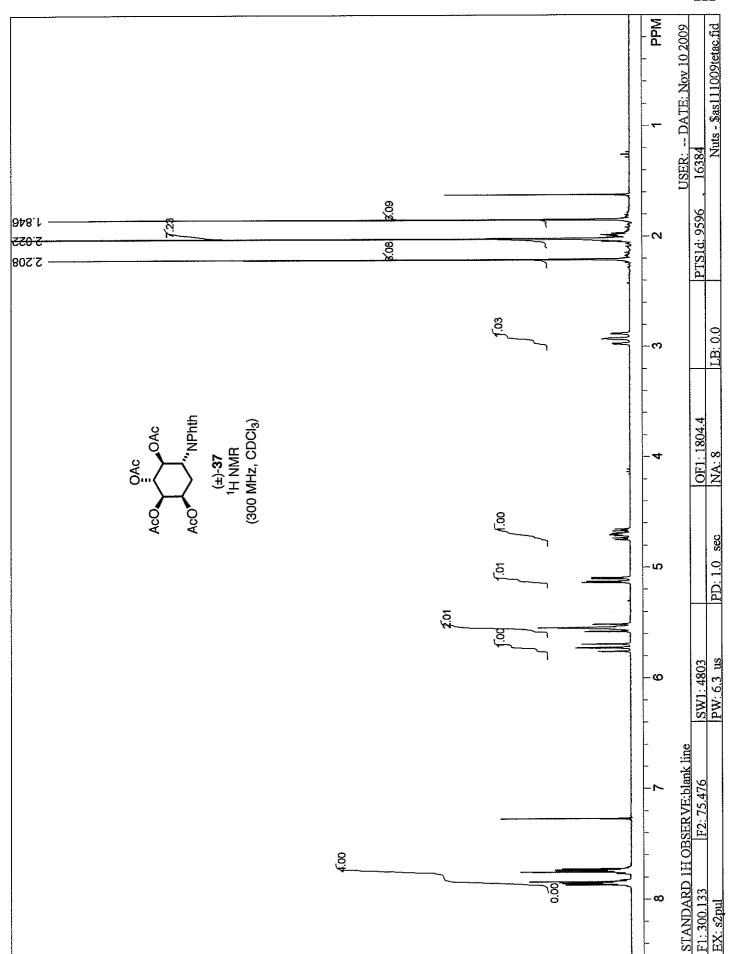


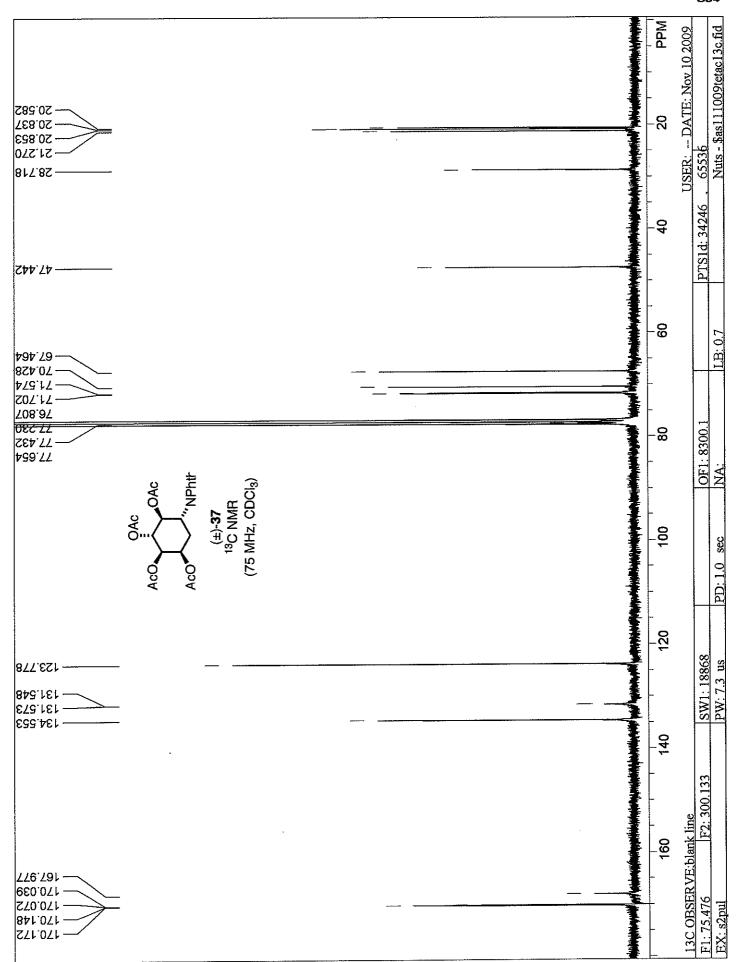


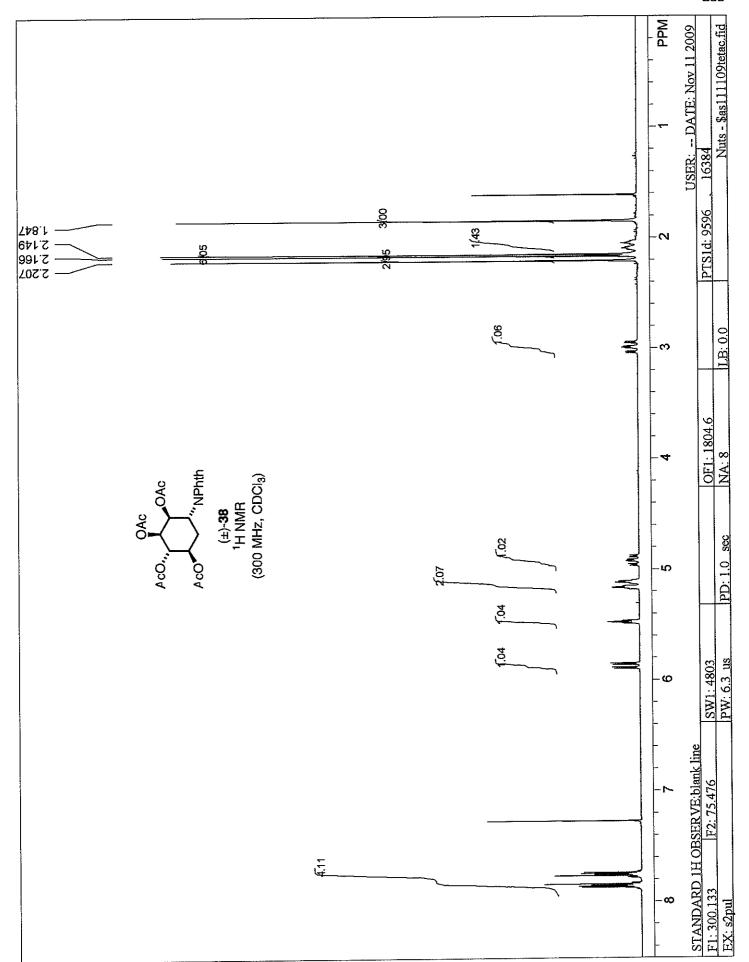


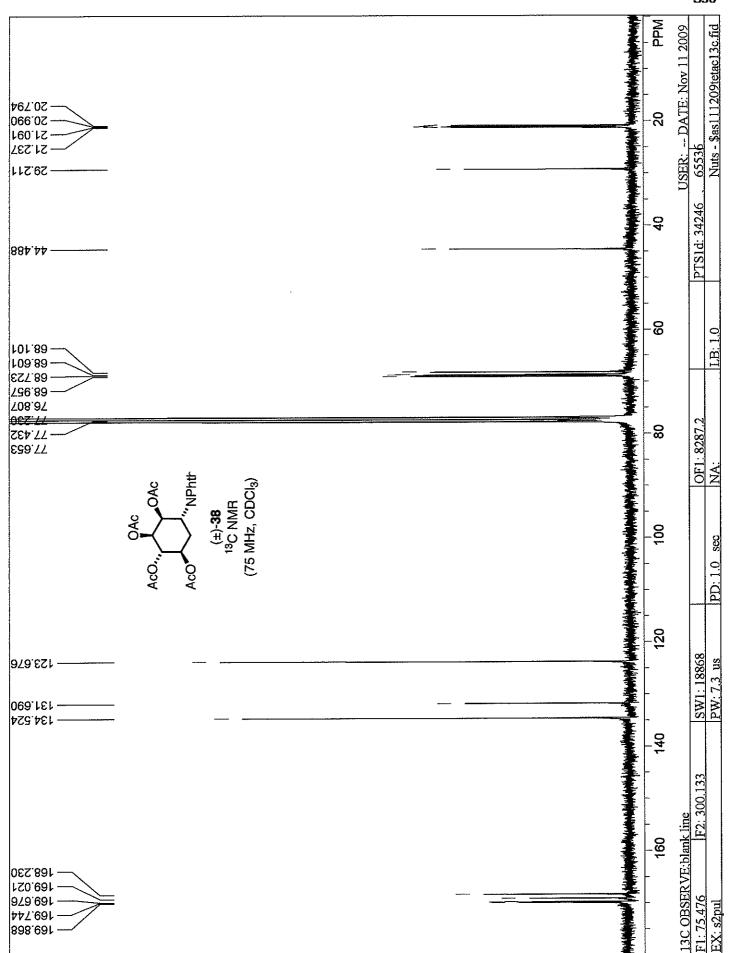


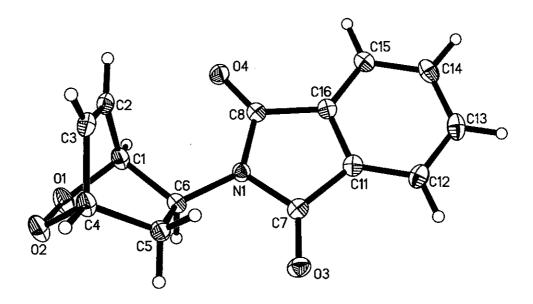




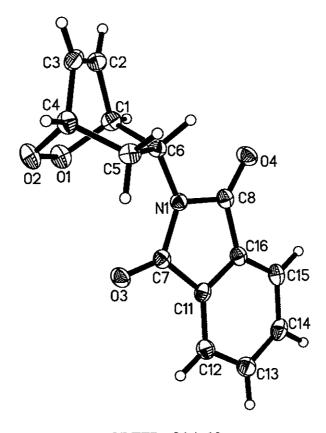




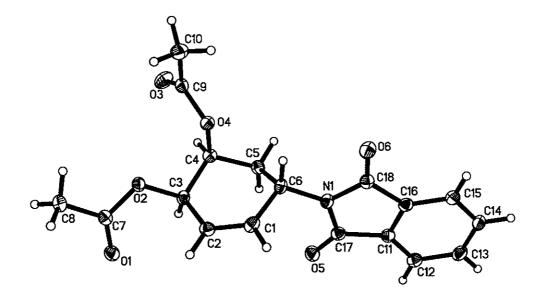




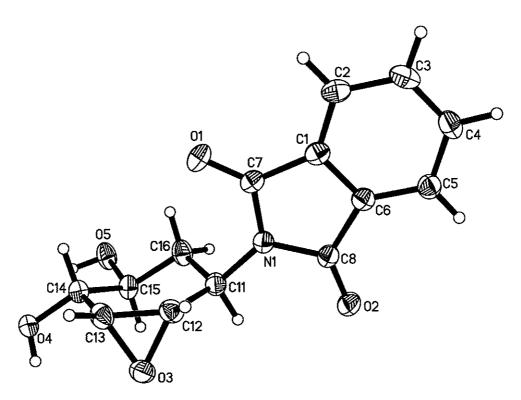
ORTEP of (±)-9



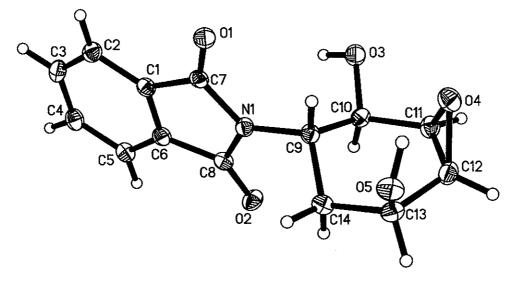
ORTEP of (\pm) -10



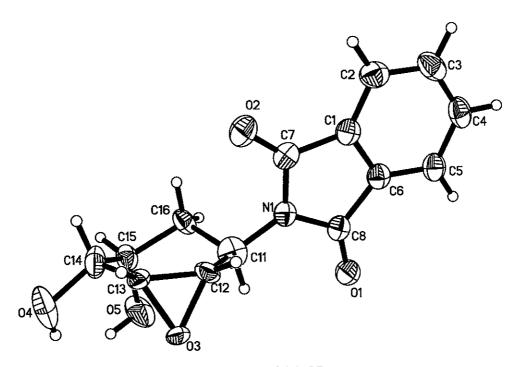
ORTEP of (\pm) -18



ORTEP of (\pm) -33



ORTEP of (\pm) -34



ORTEP of (\pm) -35