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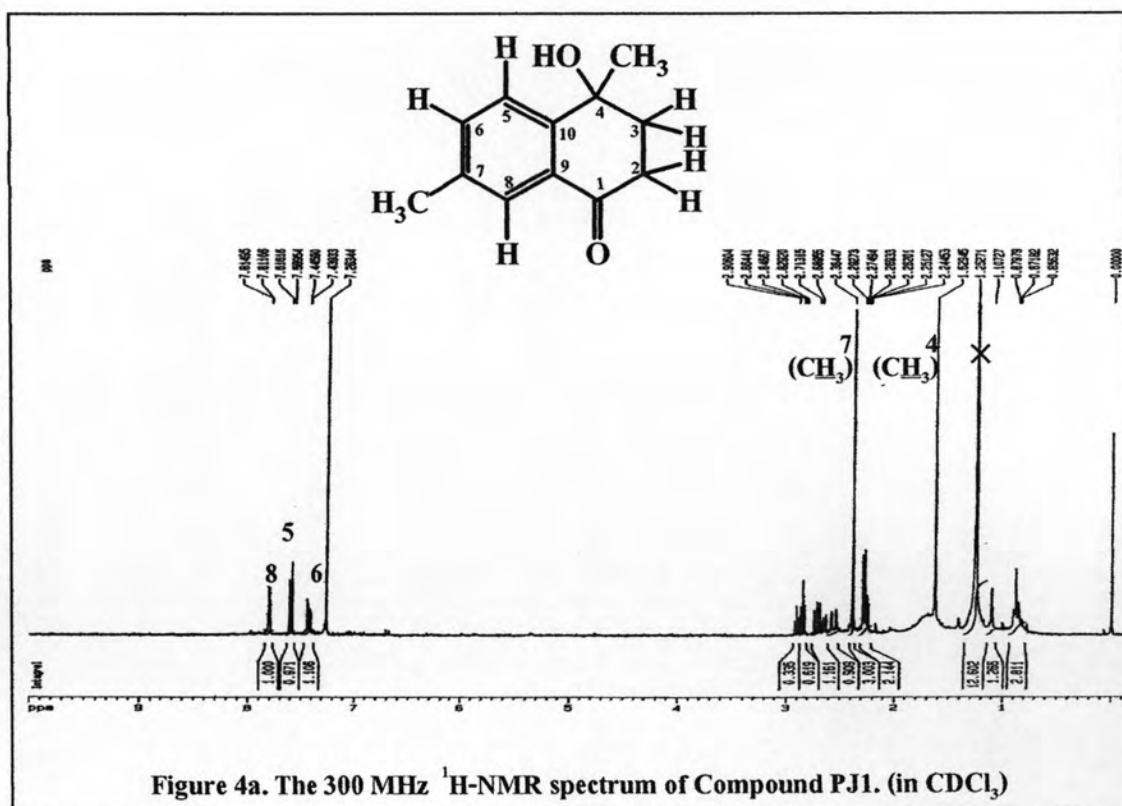
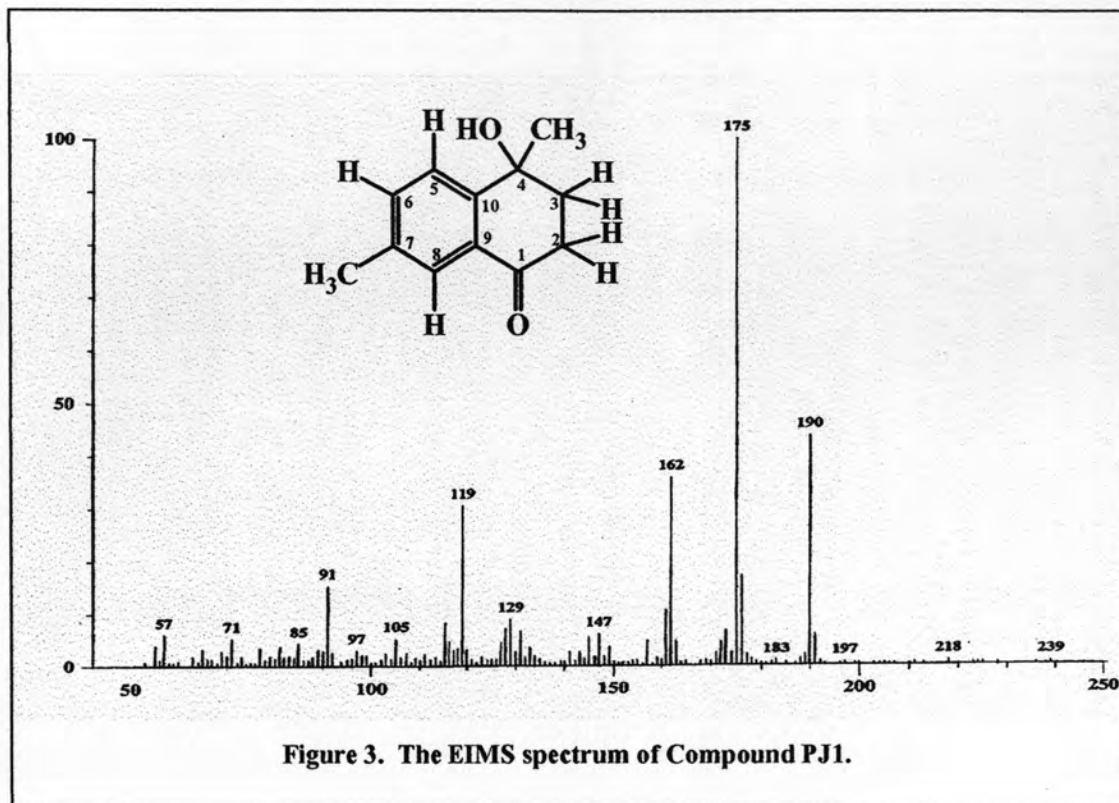
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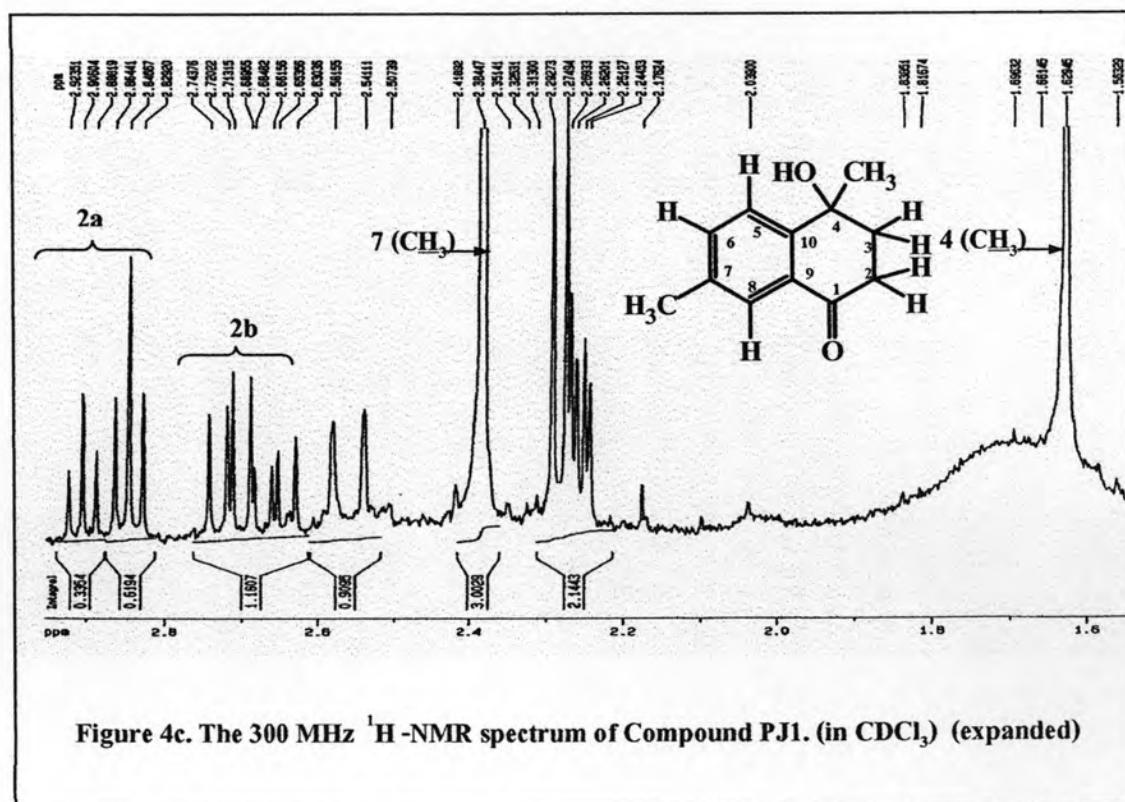
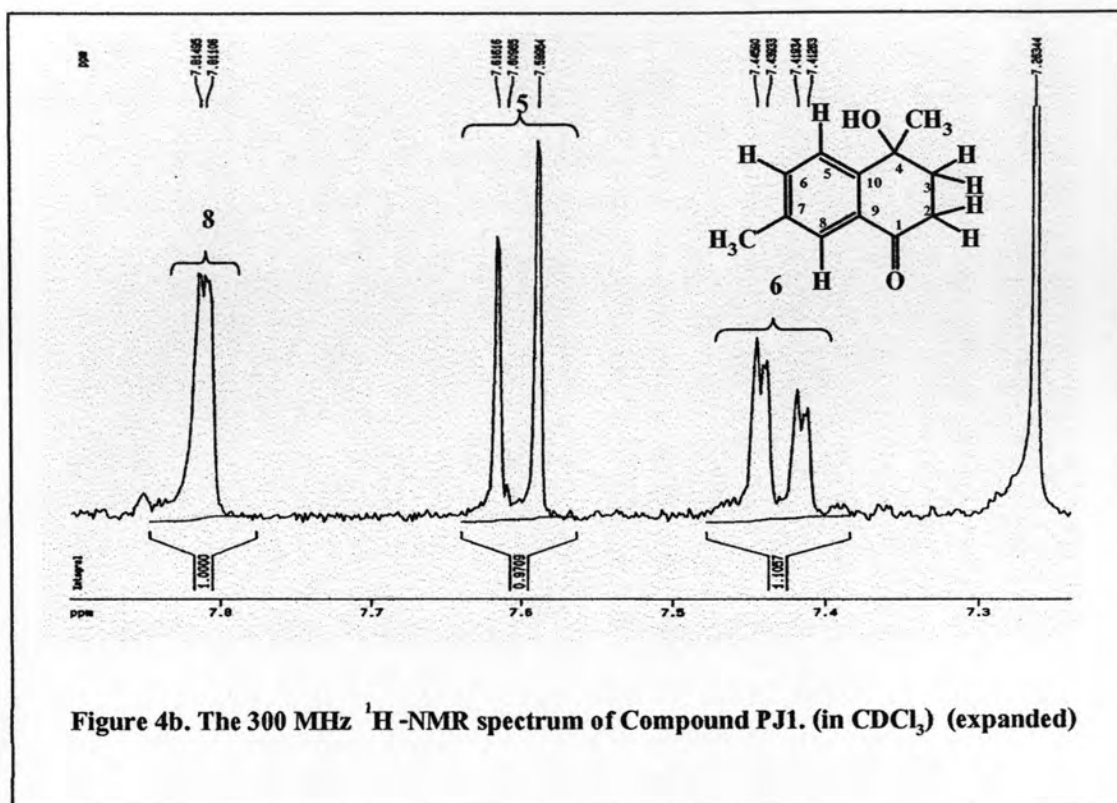
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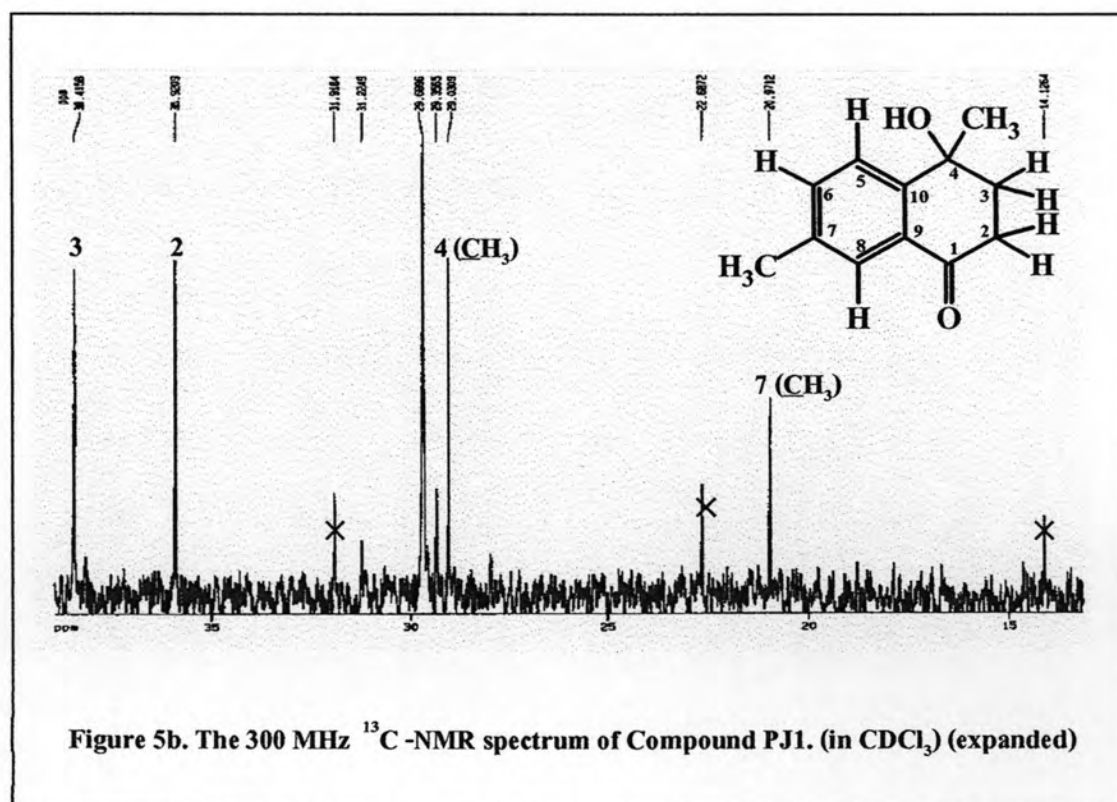
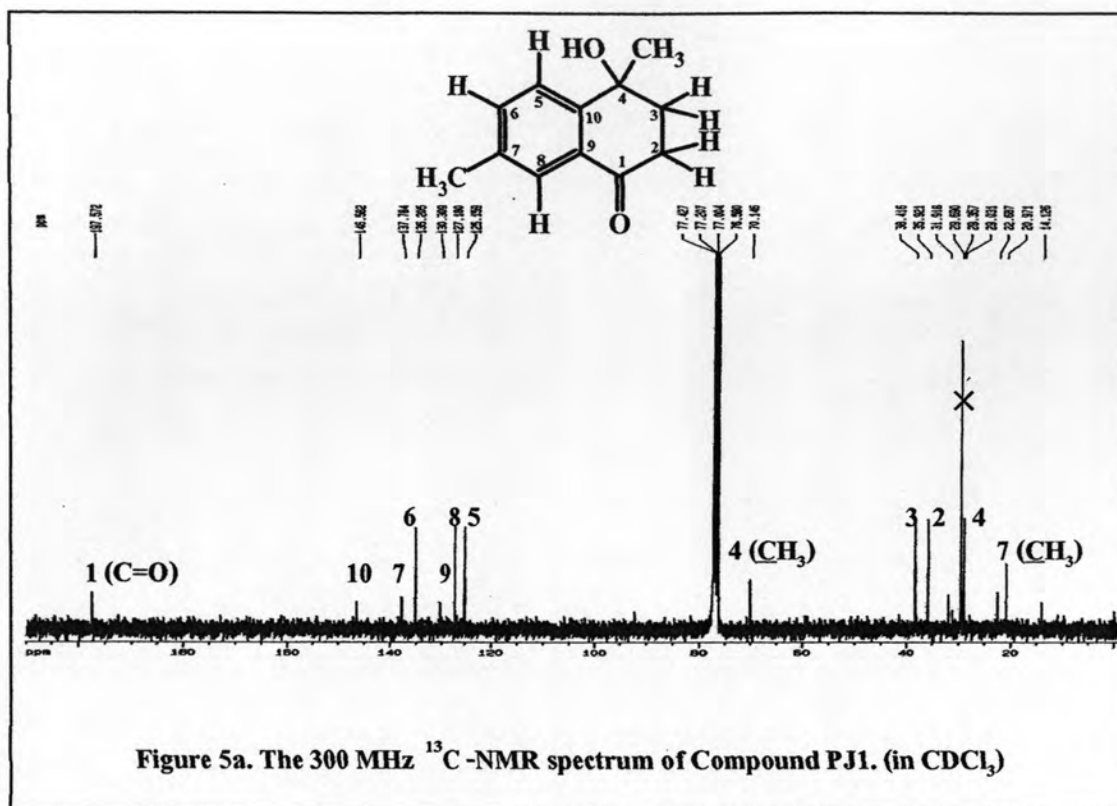
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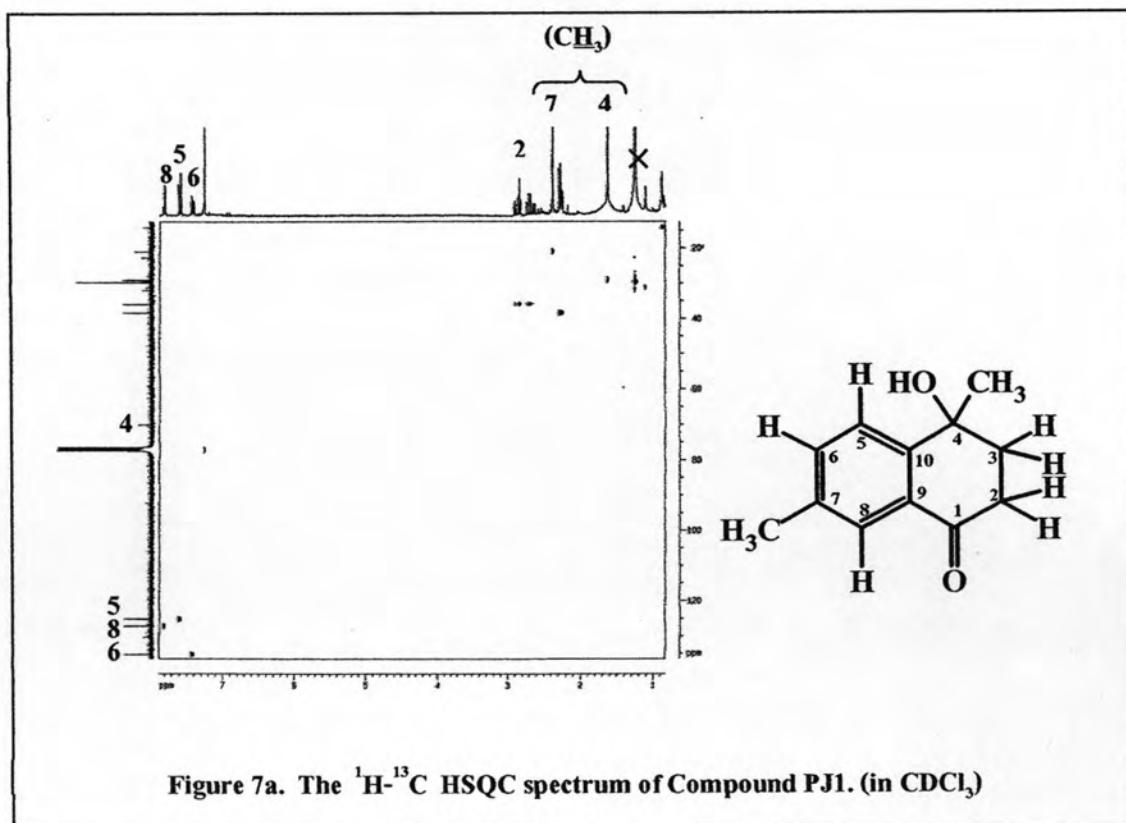
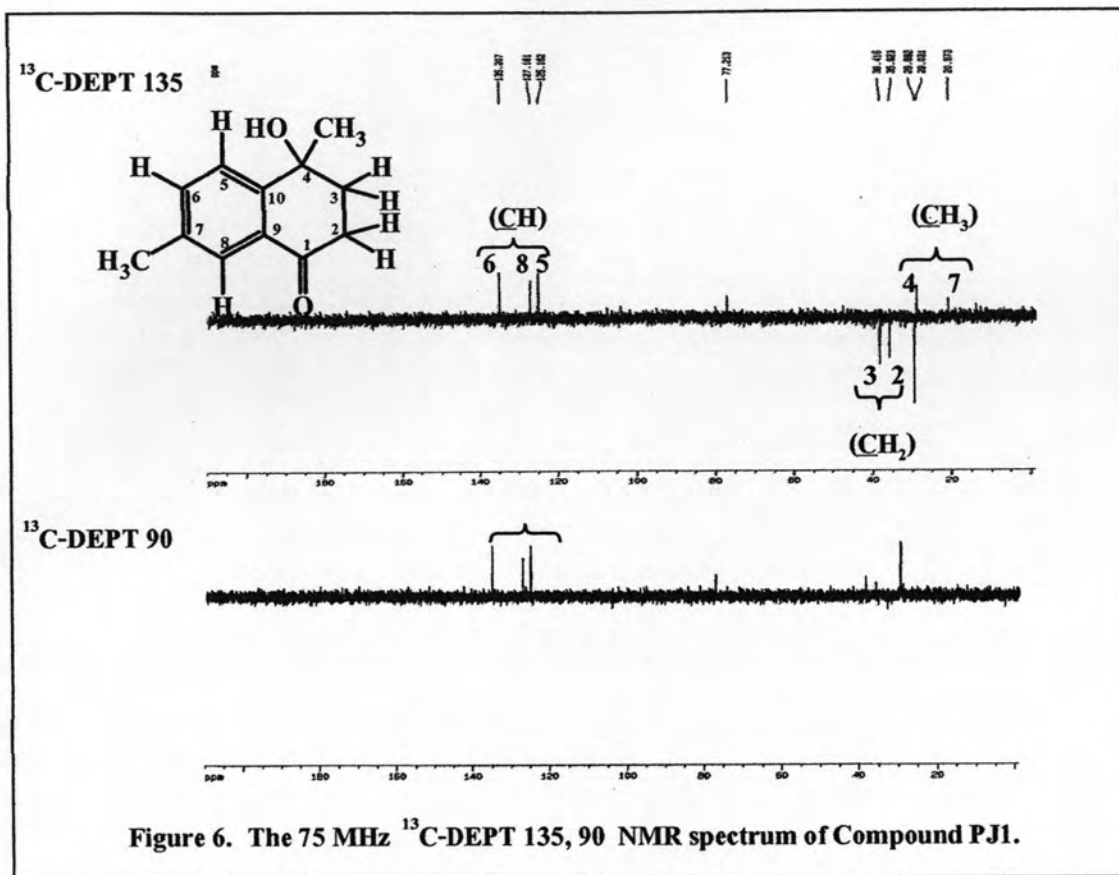
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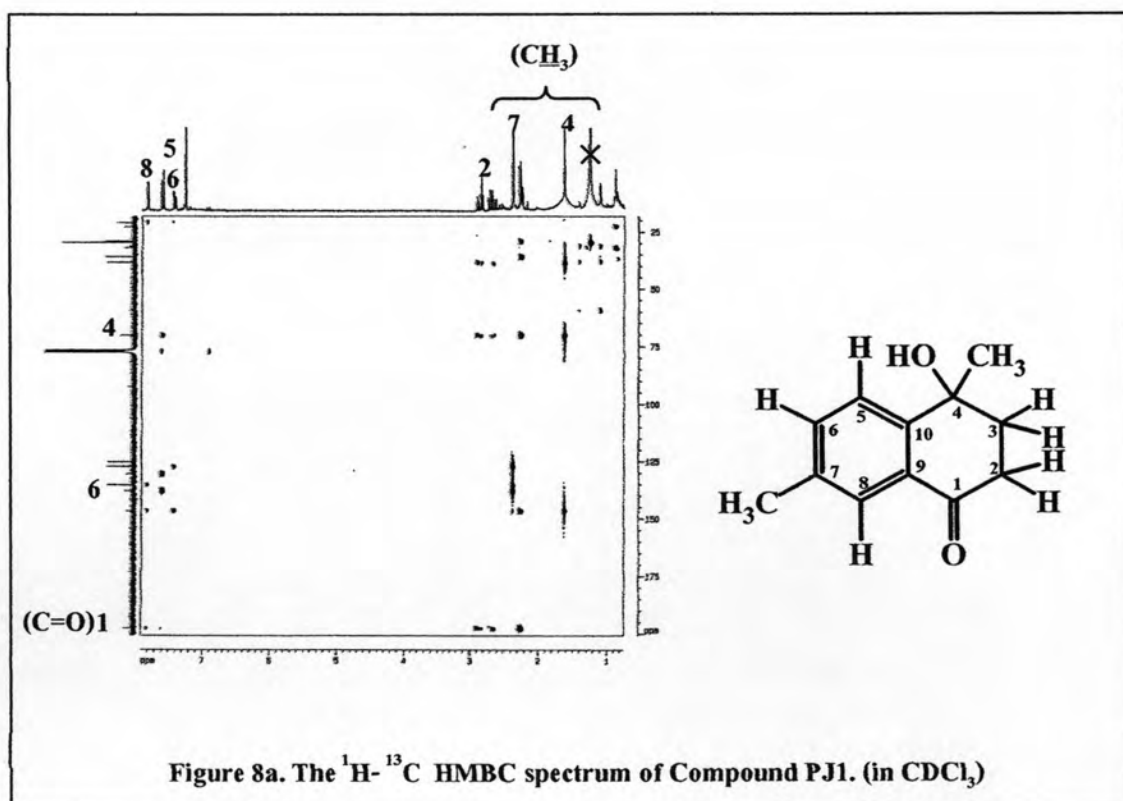
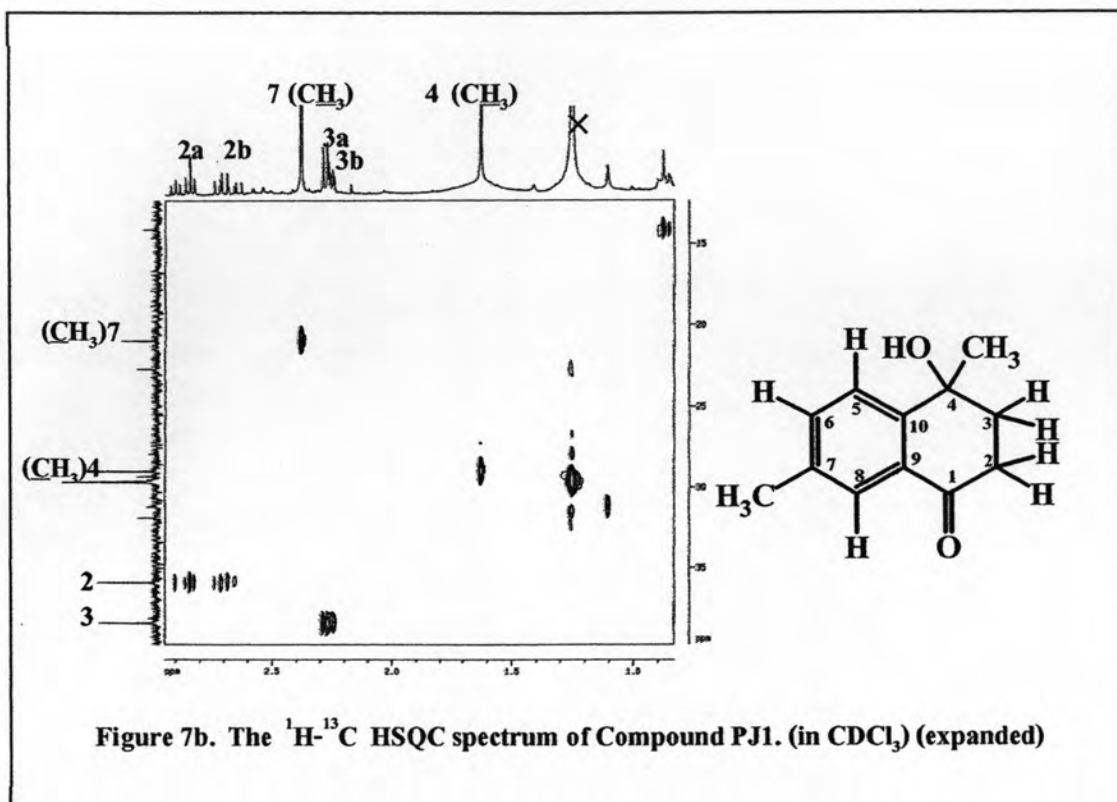
APPENDIX

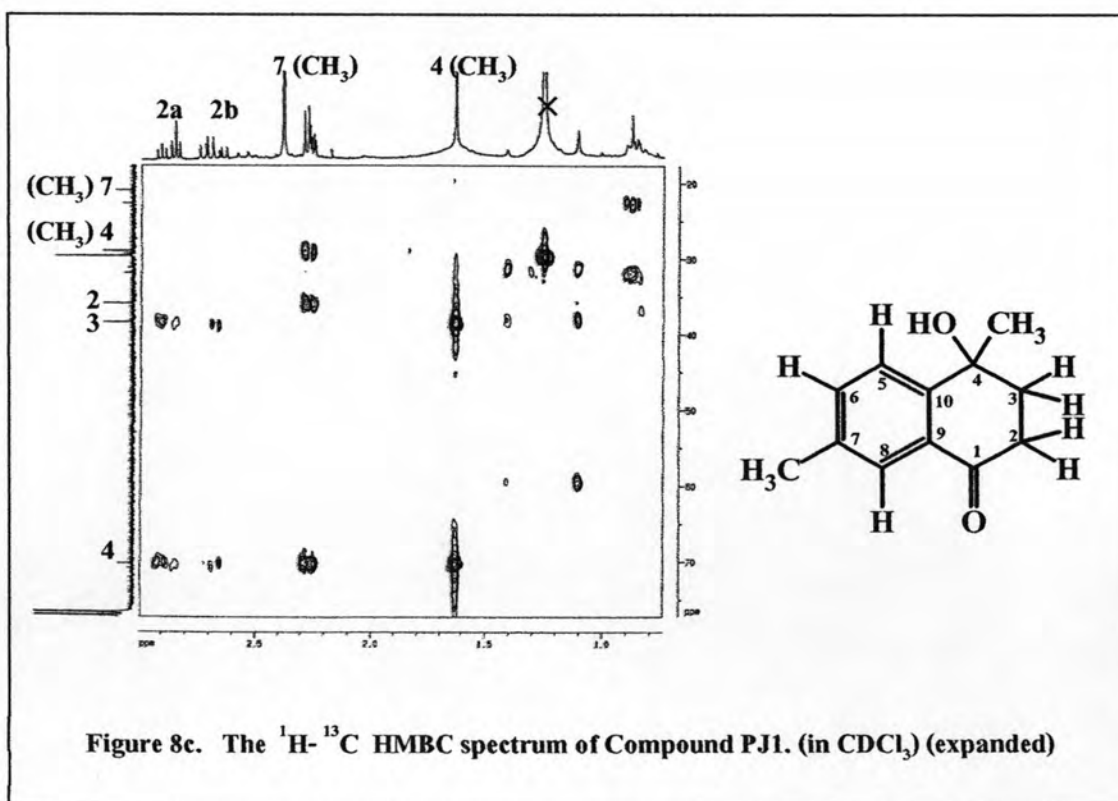
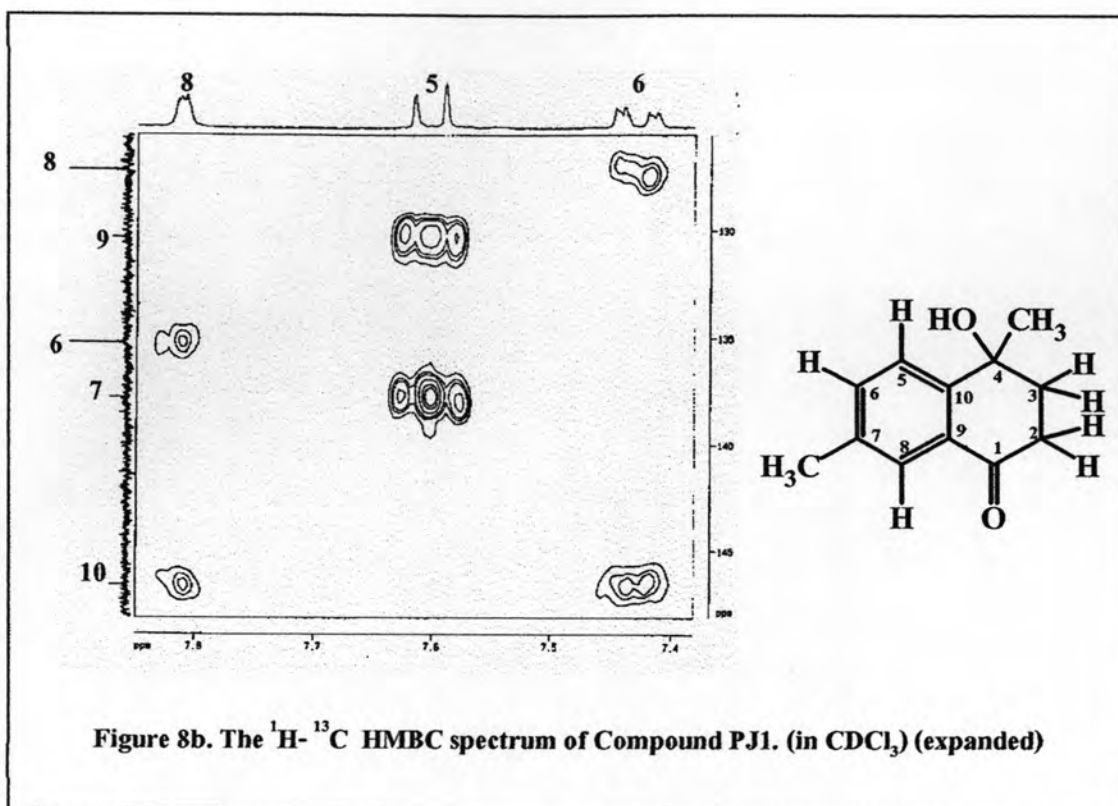


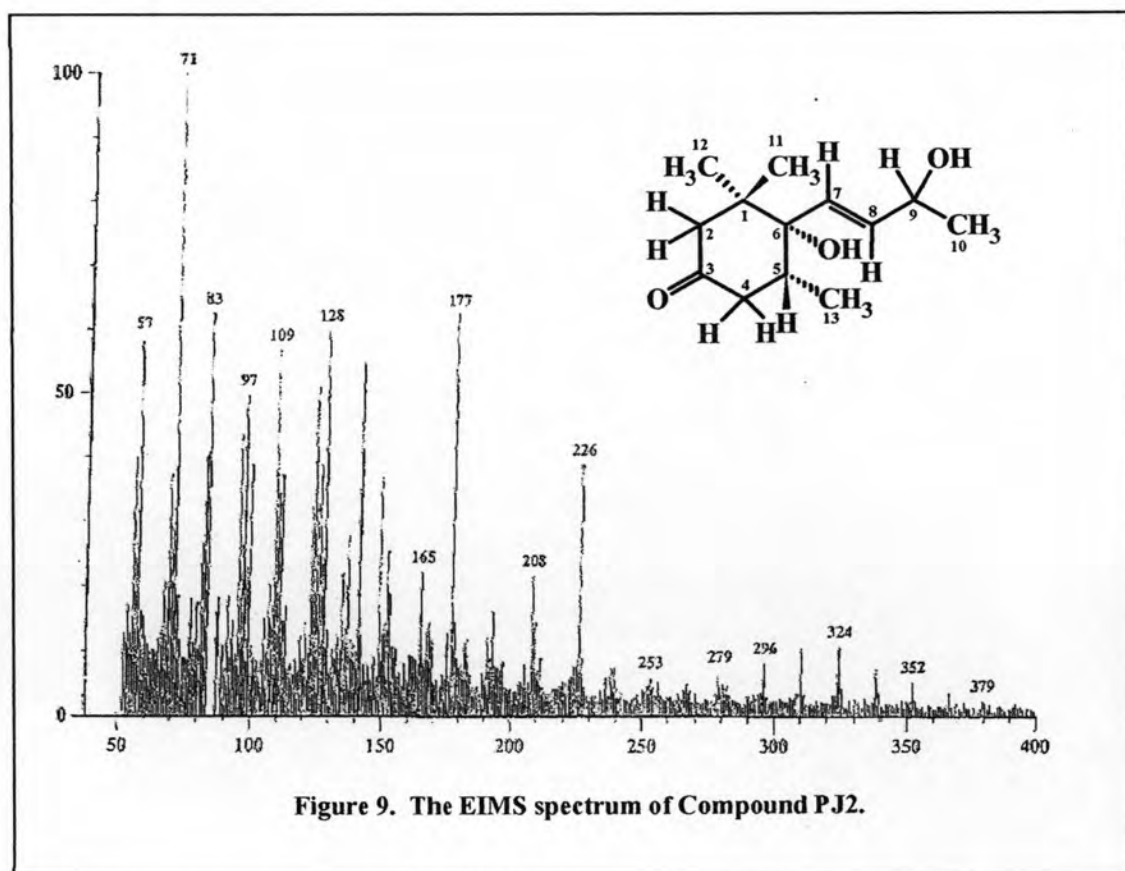
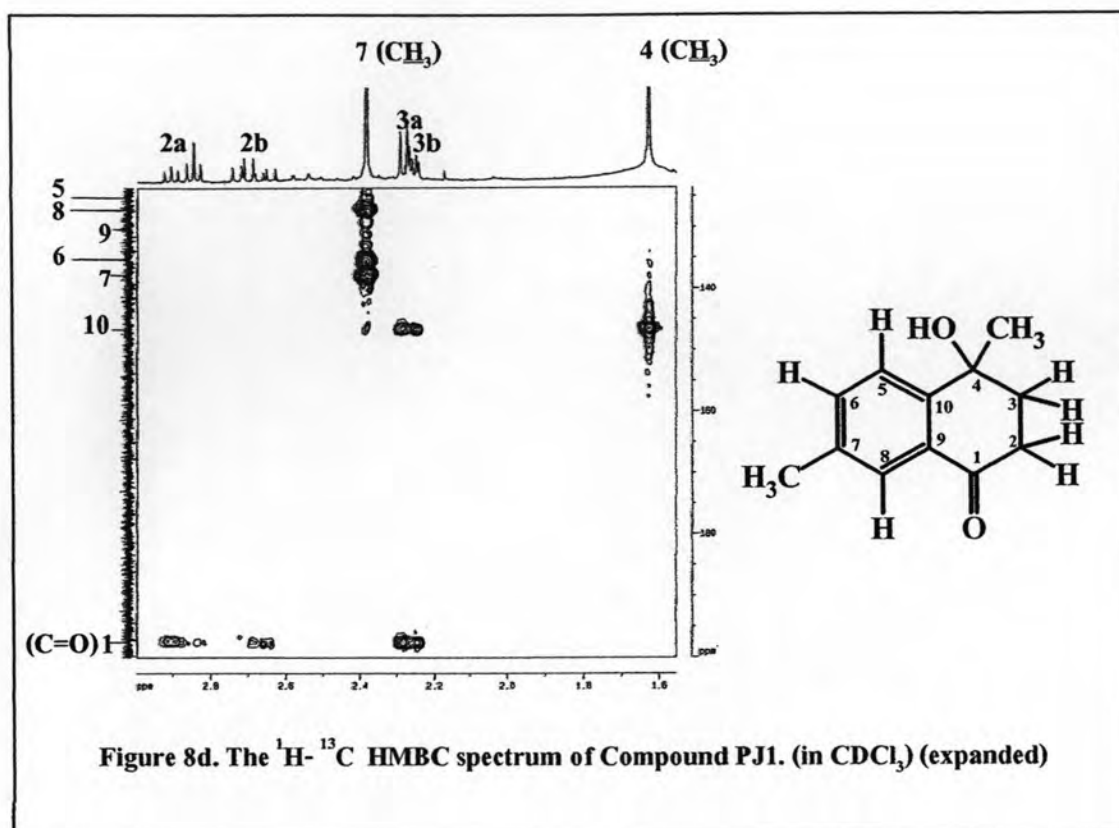












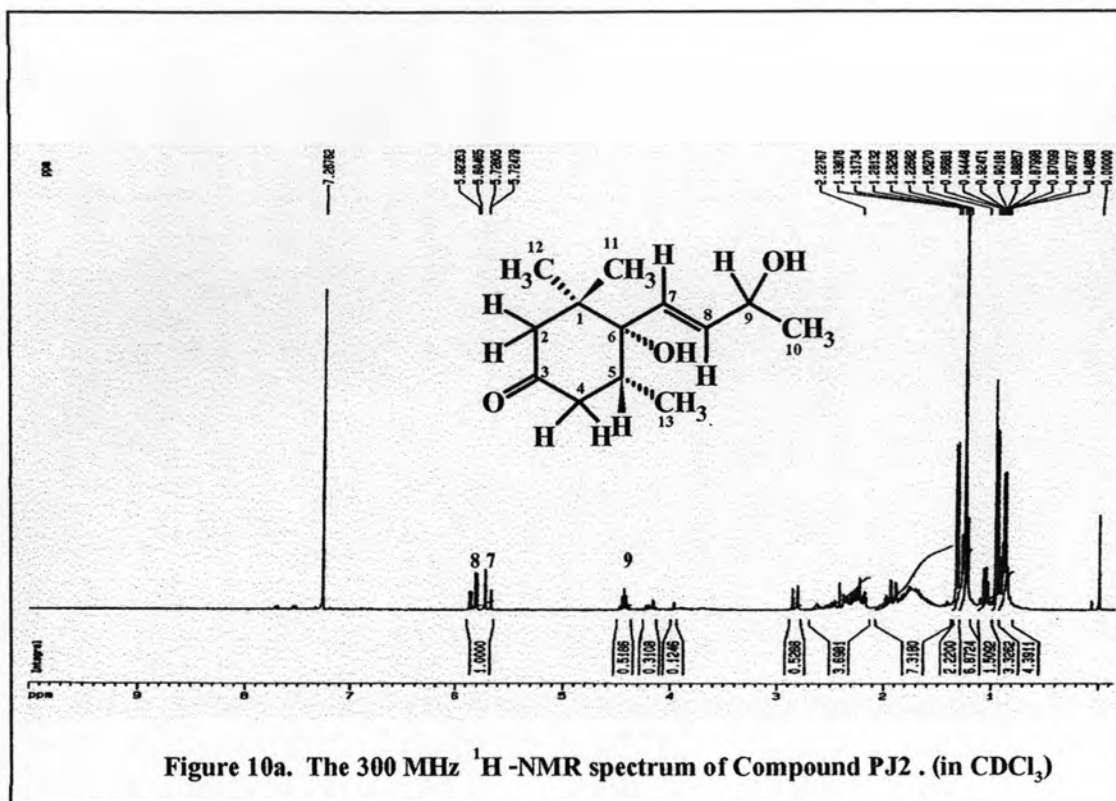


Figure 10a. The 300 MHz ^1H -NMR spectrum of Compound PJ2. (in CDCl_3)

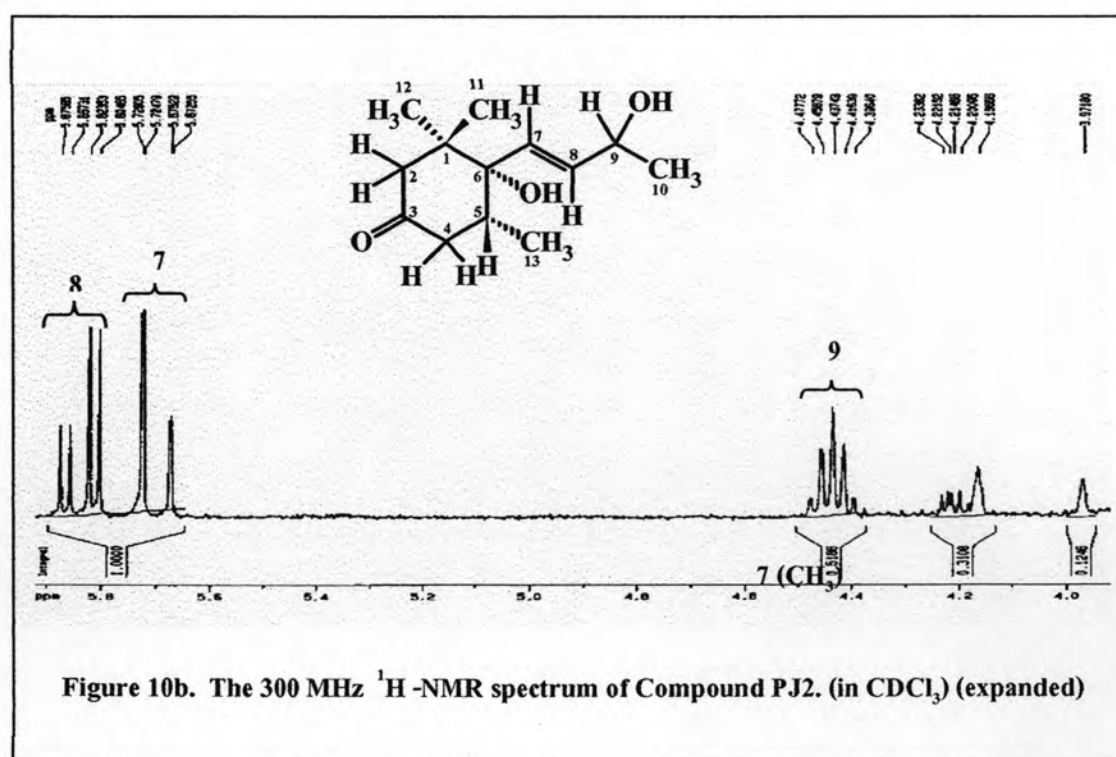
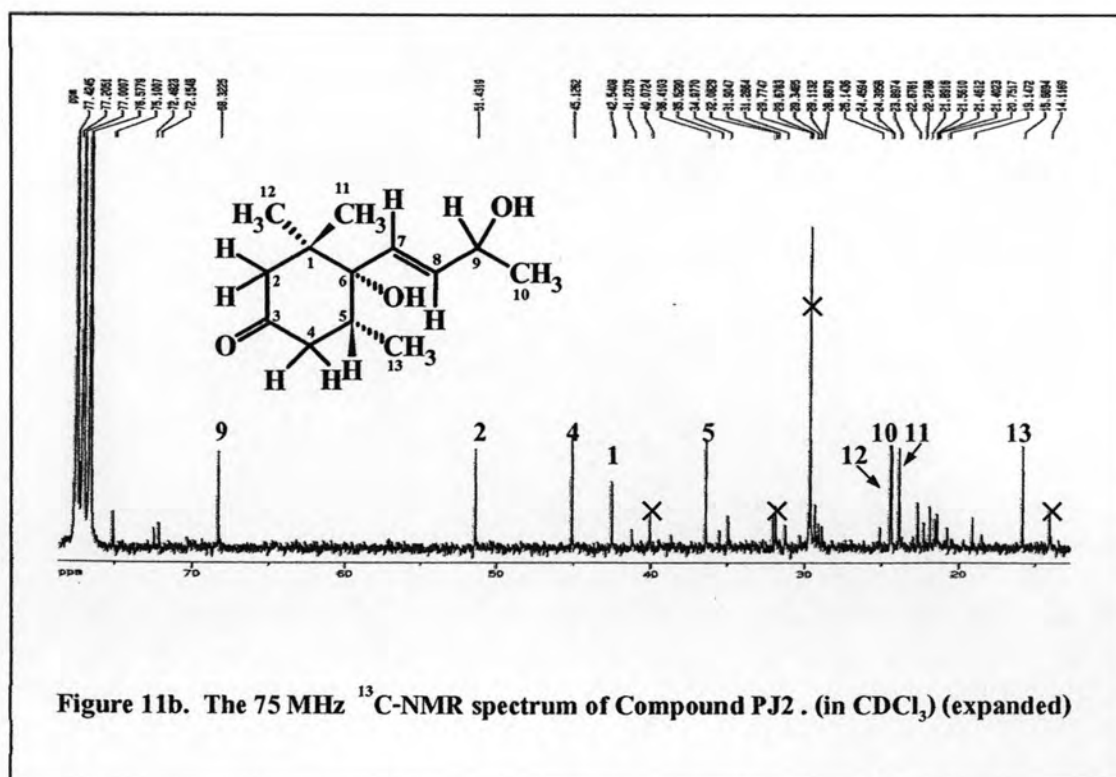
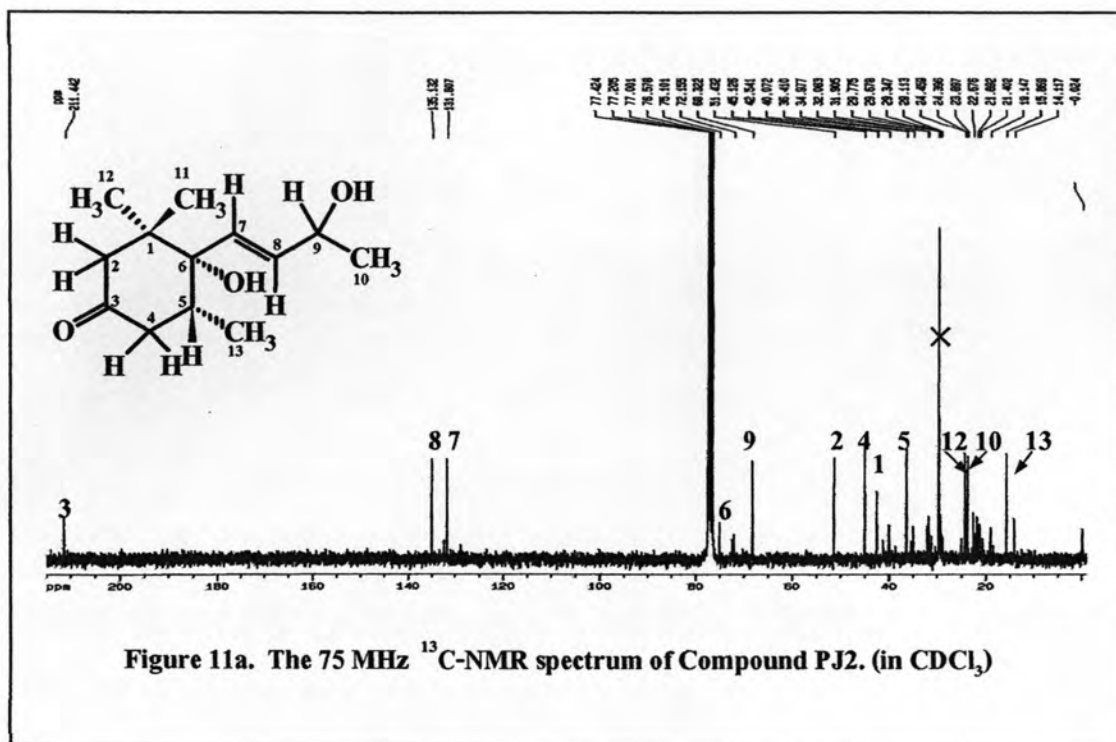
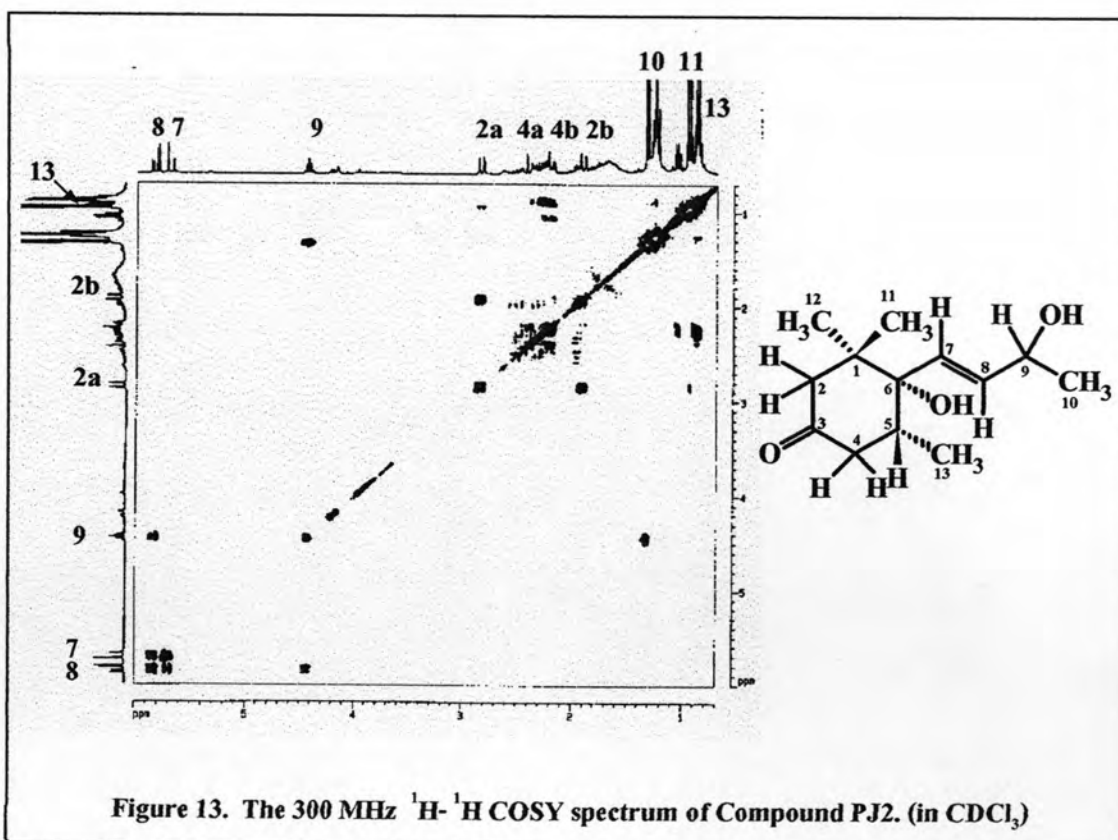
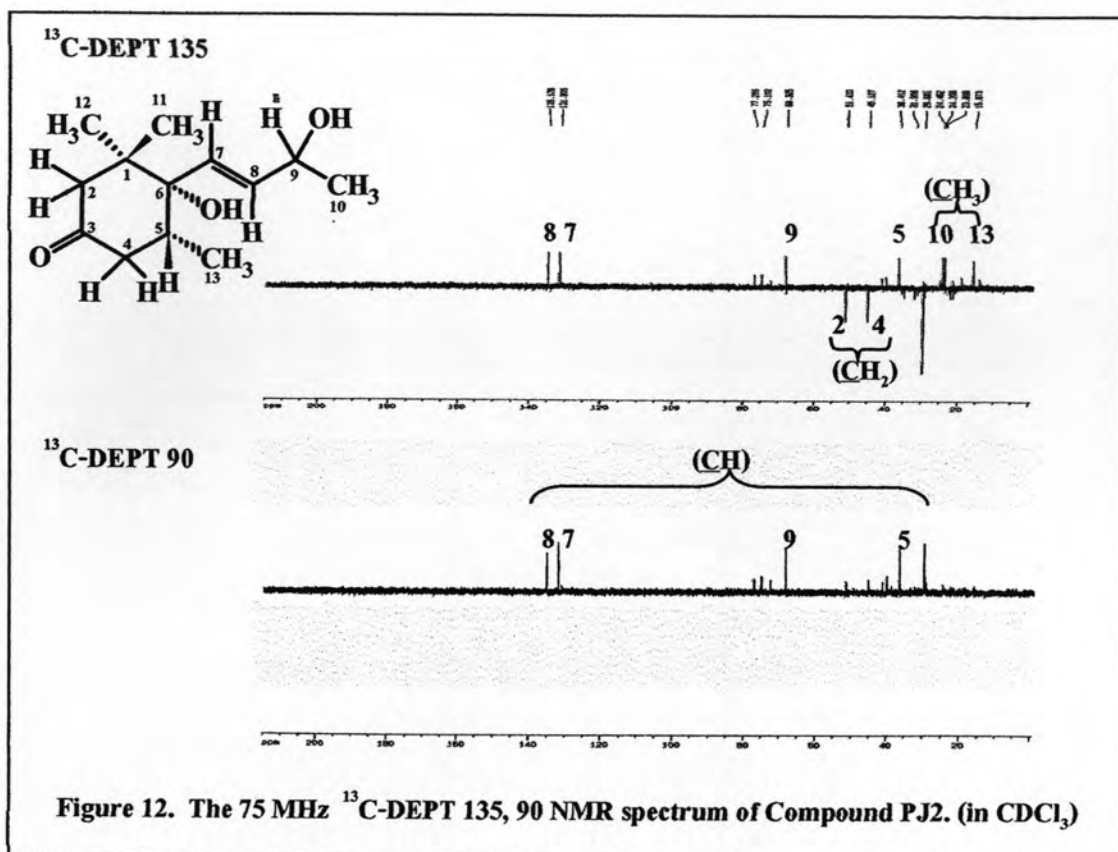


Figure 10b. The 300 MHz ^1H -NMR spectrum of Compound PJ2. (in CDCl_3) (expanded)





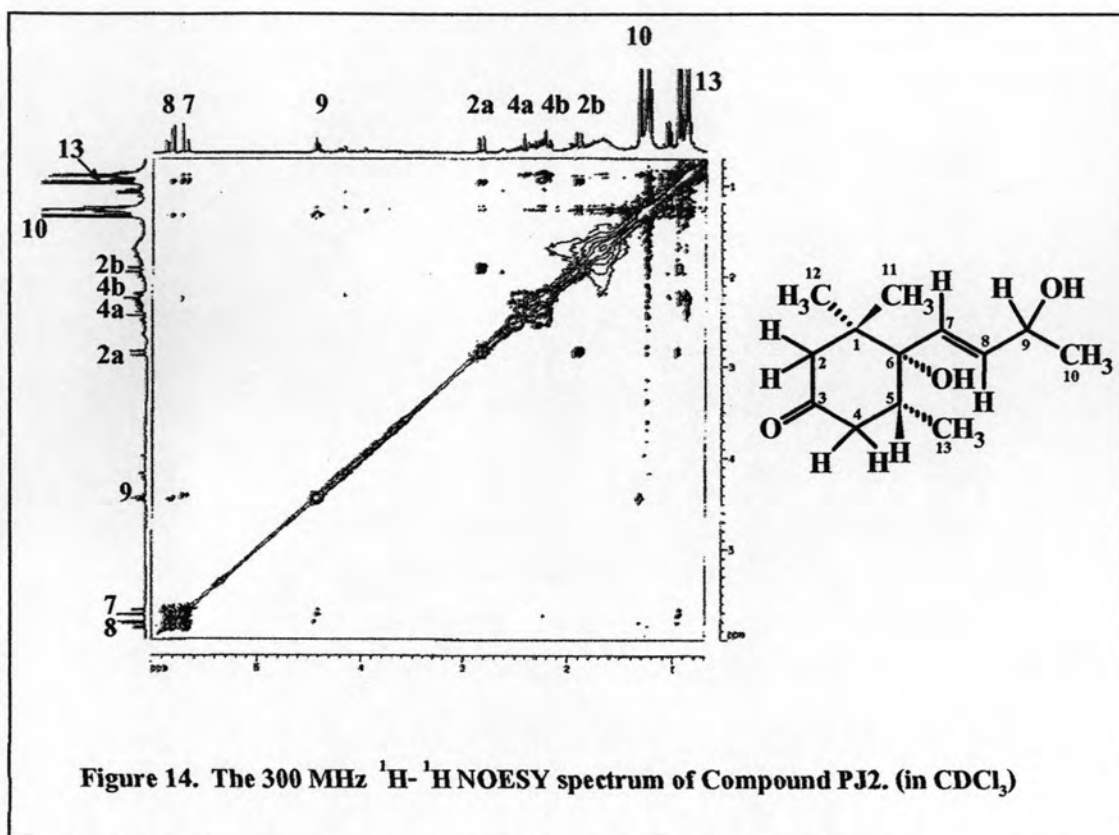


Figure 14. The 300 MHz ^1H - ^1H NOESY spectrum of Compound PJ2. (in CDCl_3)

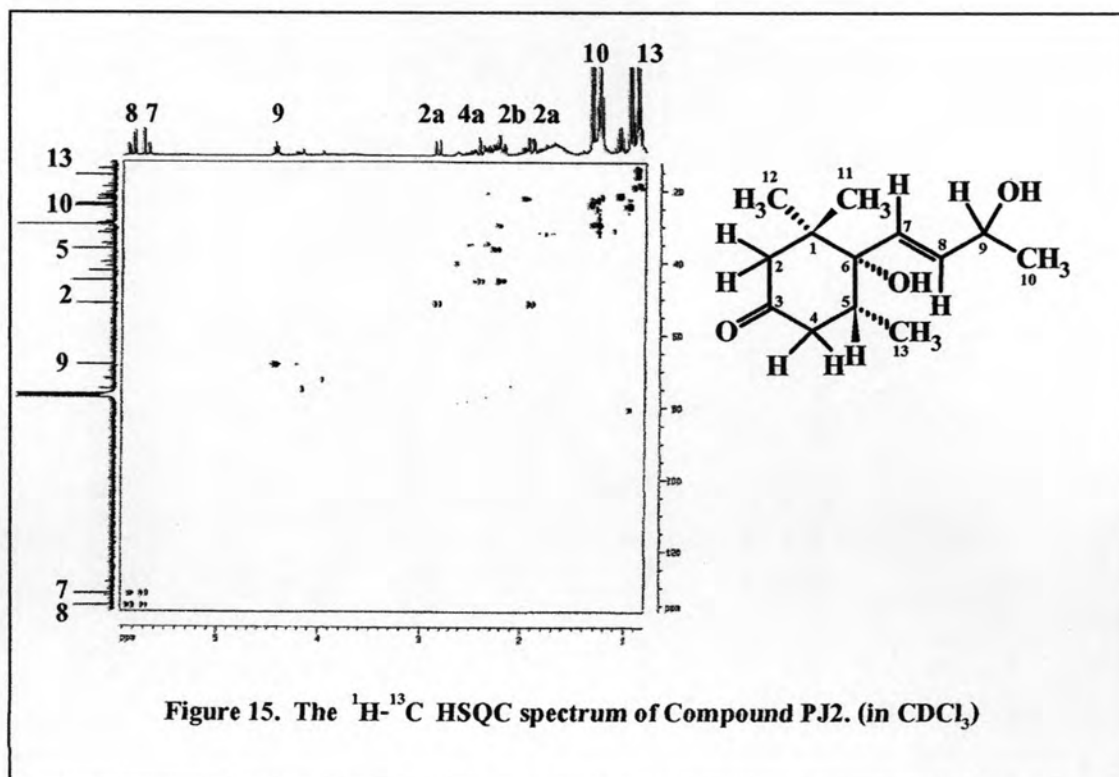
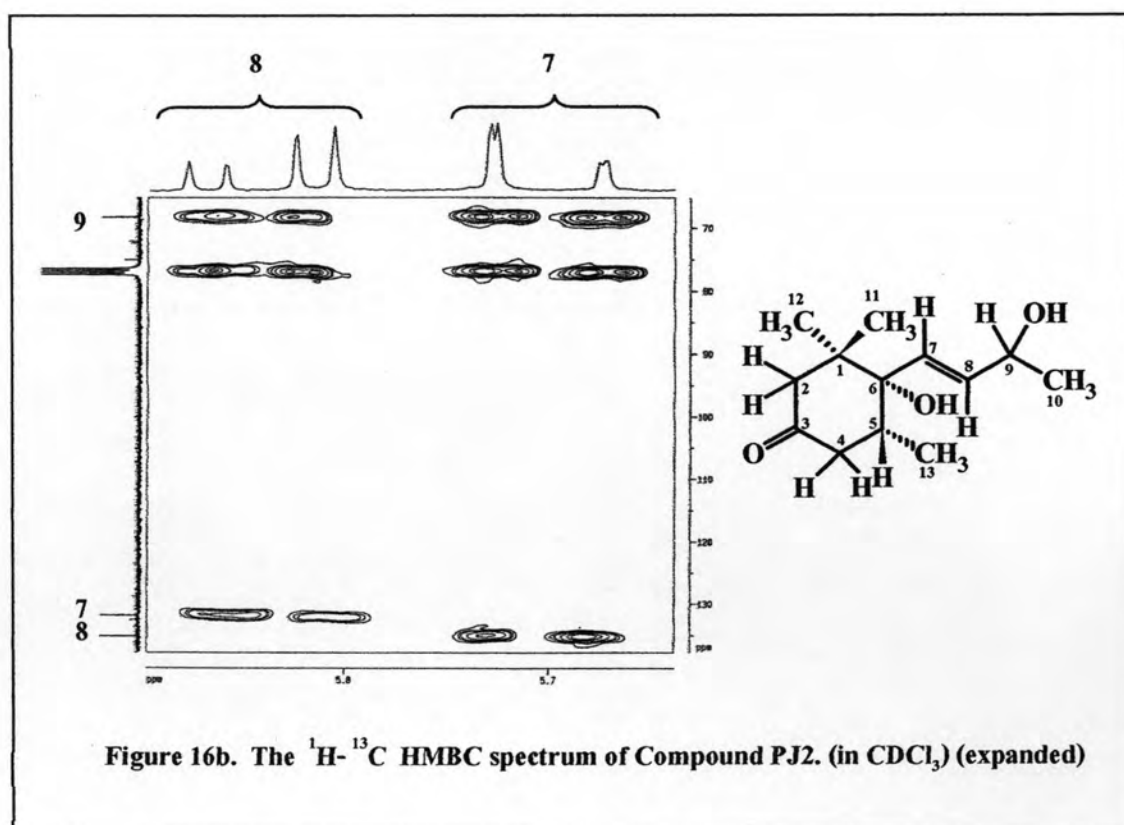
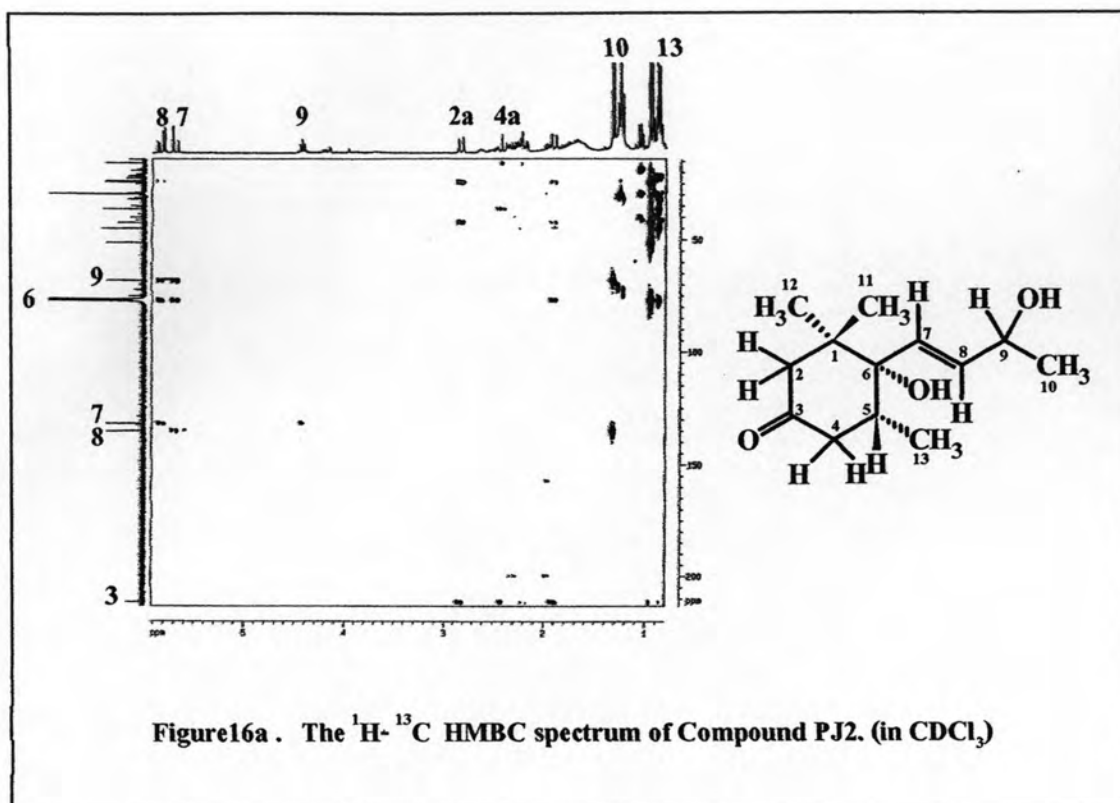
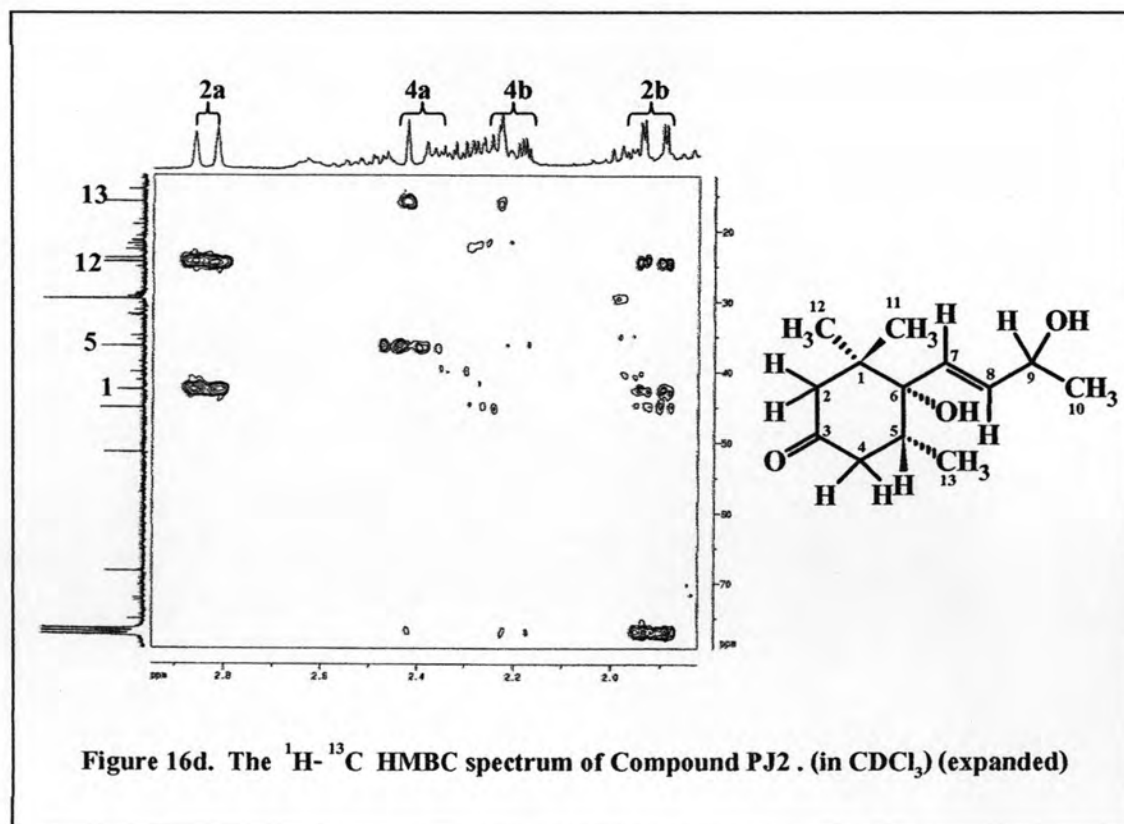
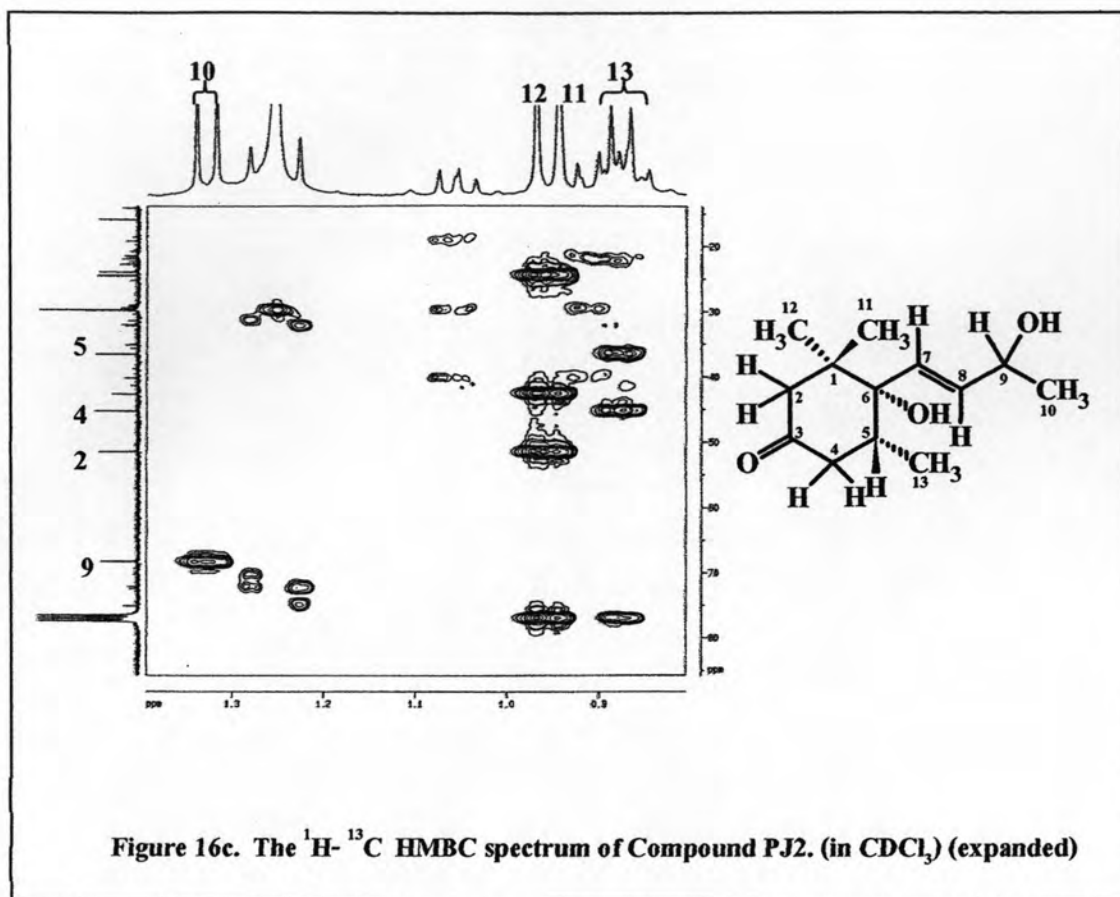
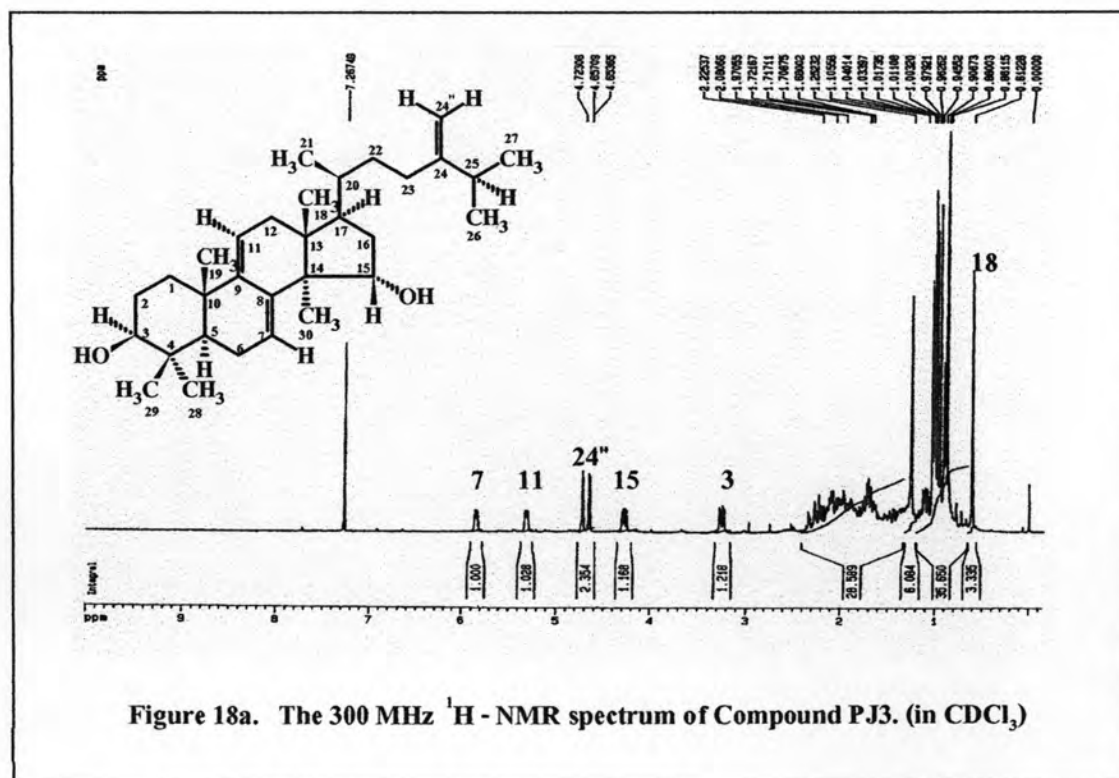
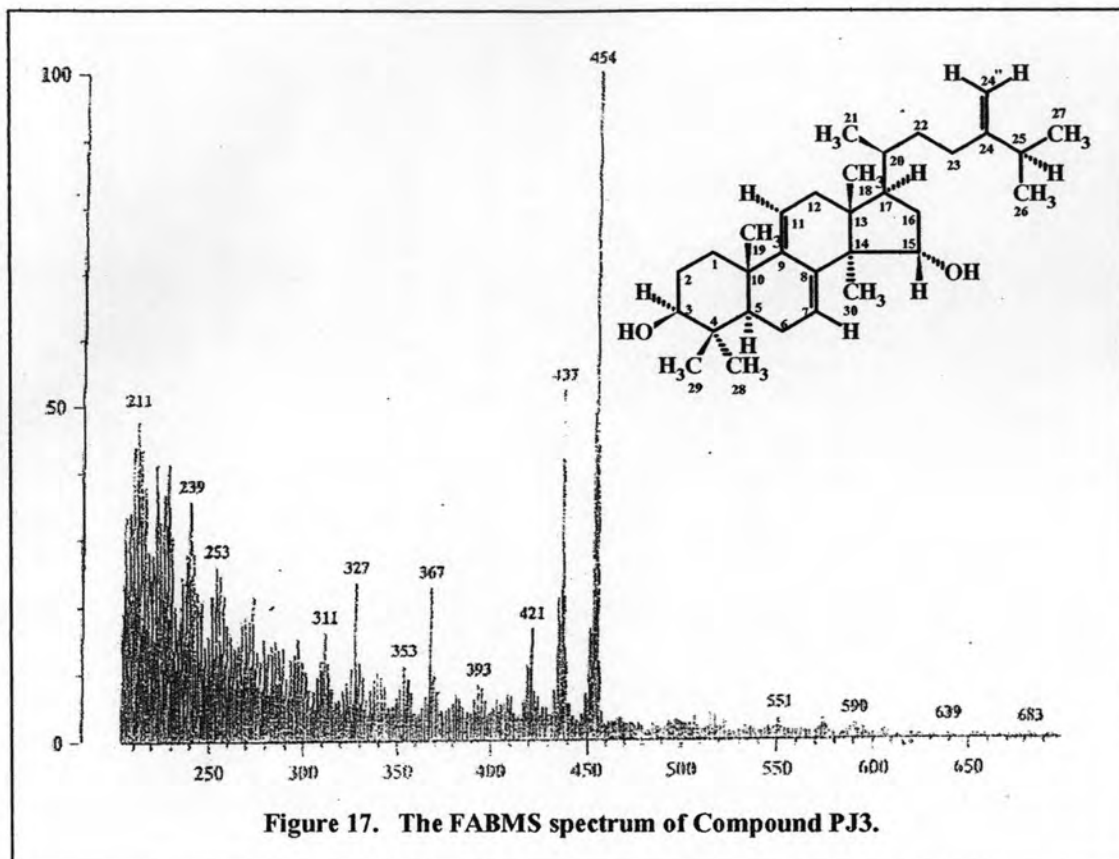


Figure 15. The ^1H - ^{13}C HSQC spectrum of Compound PJ2. (in CDCl_3)







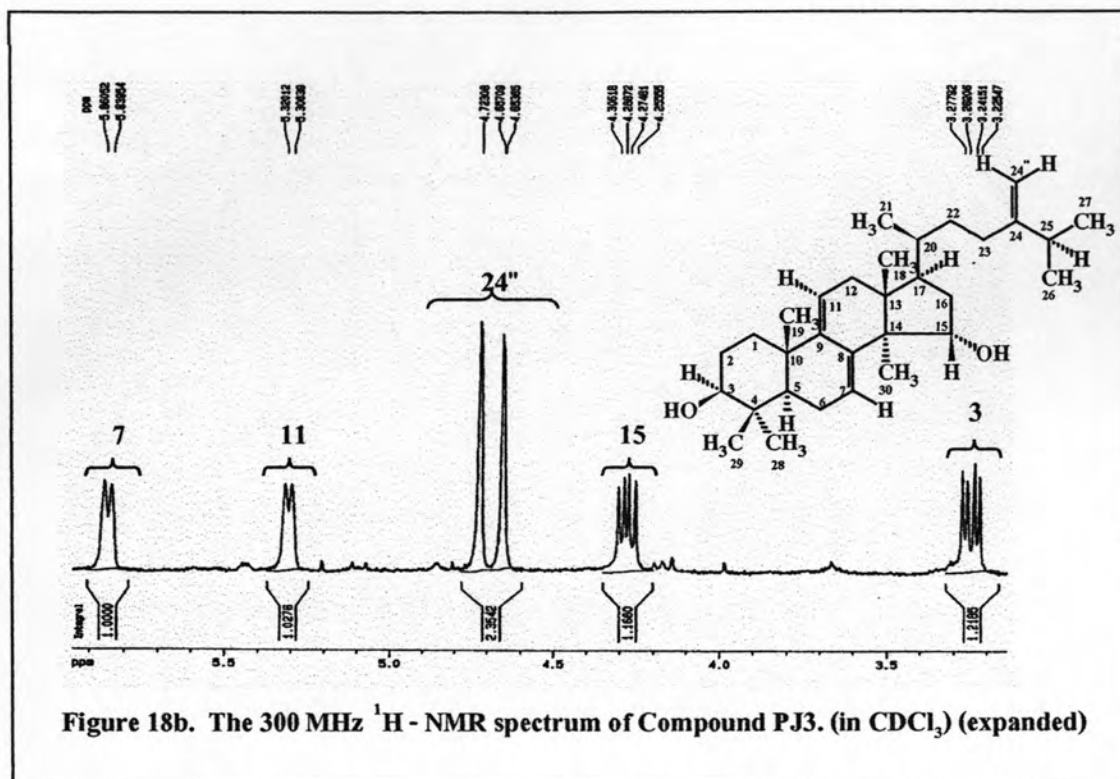


Figure 18b. The 300 MHz ^1H -NMR spectrum of Compound PJ3. (in CDCl_3) (expanded)

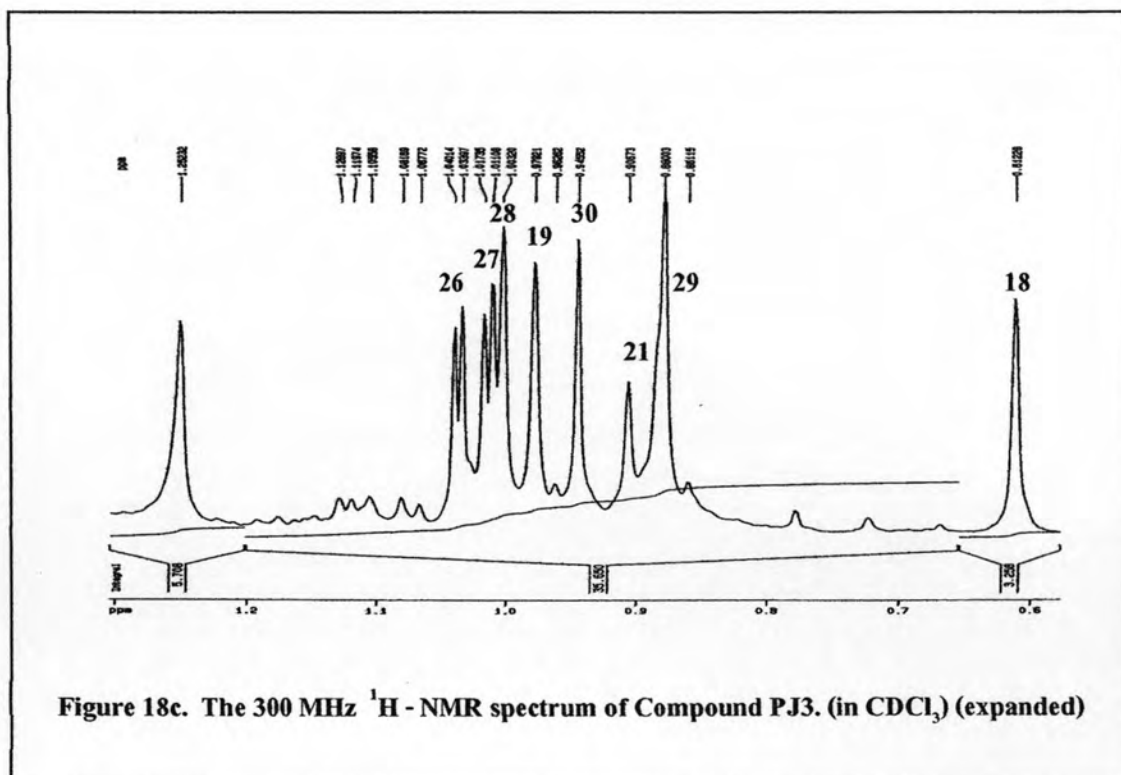
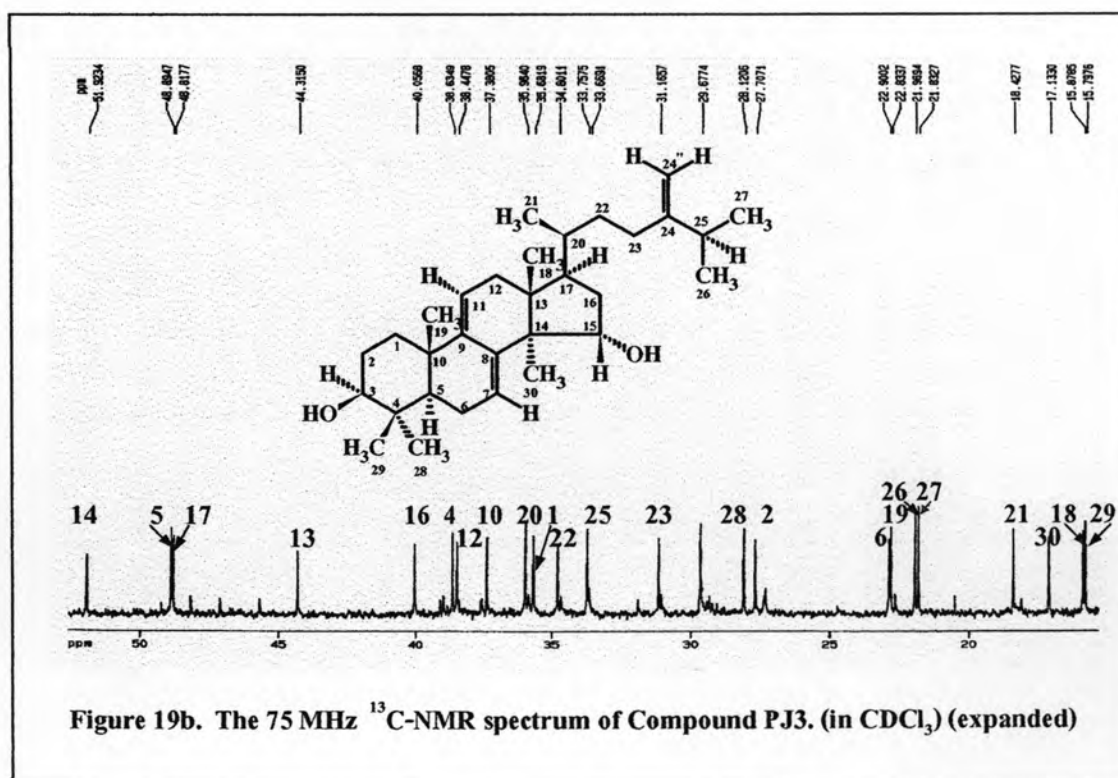
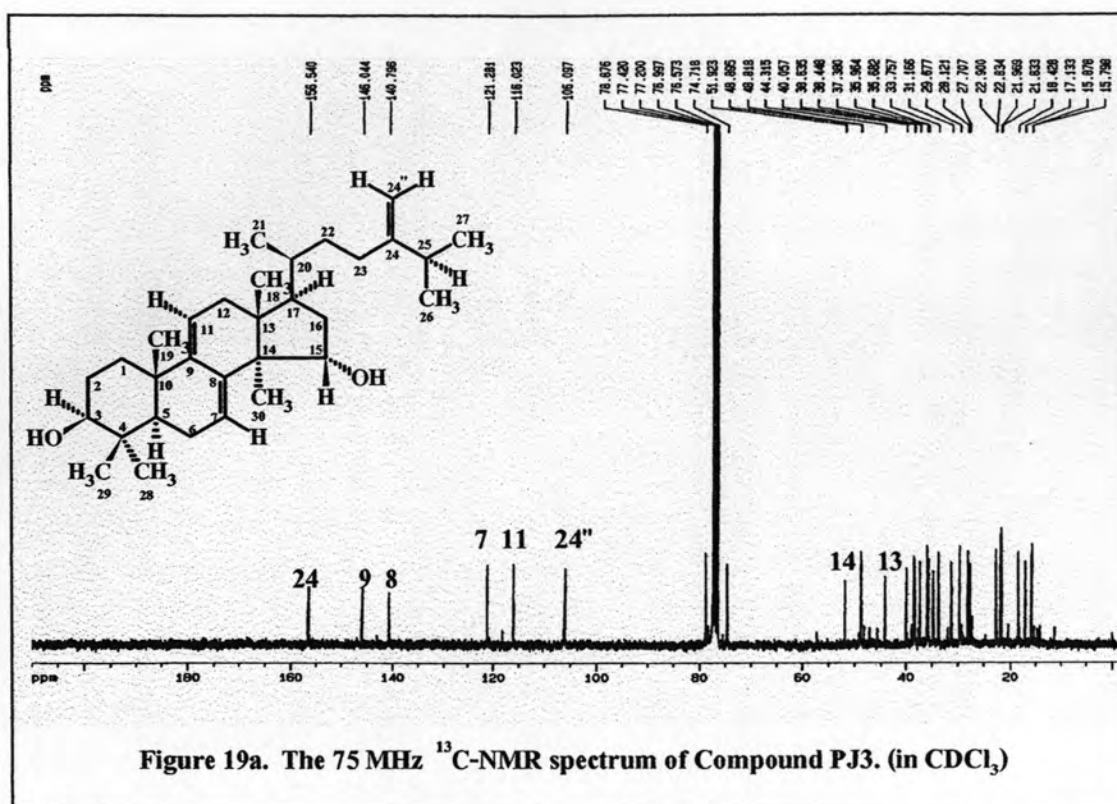
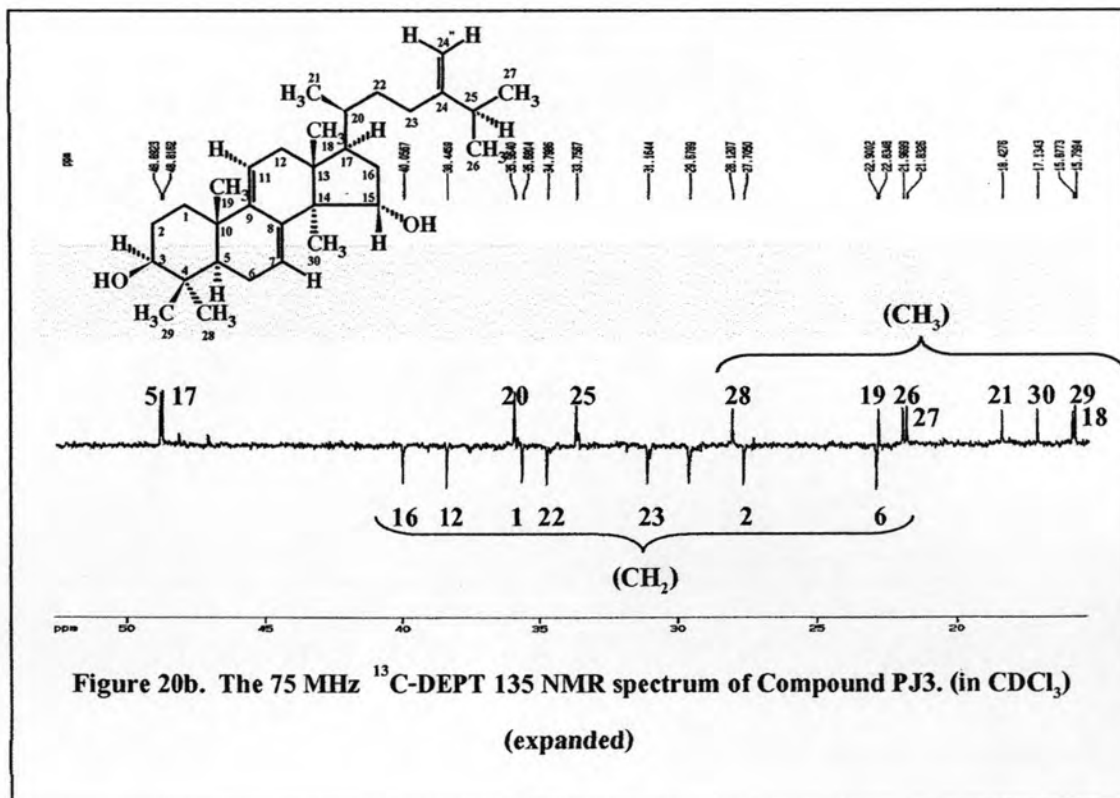
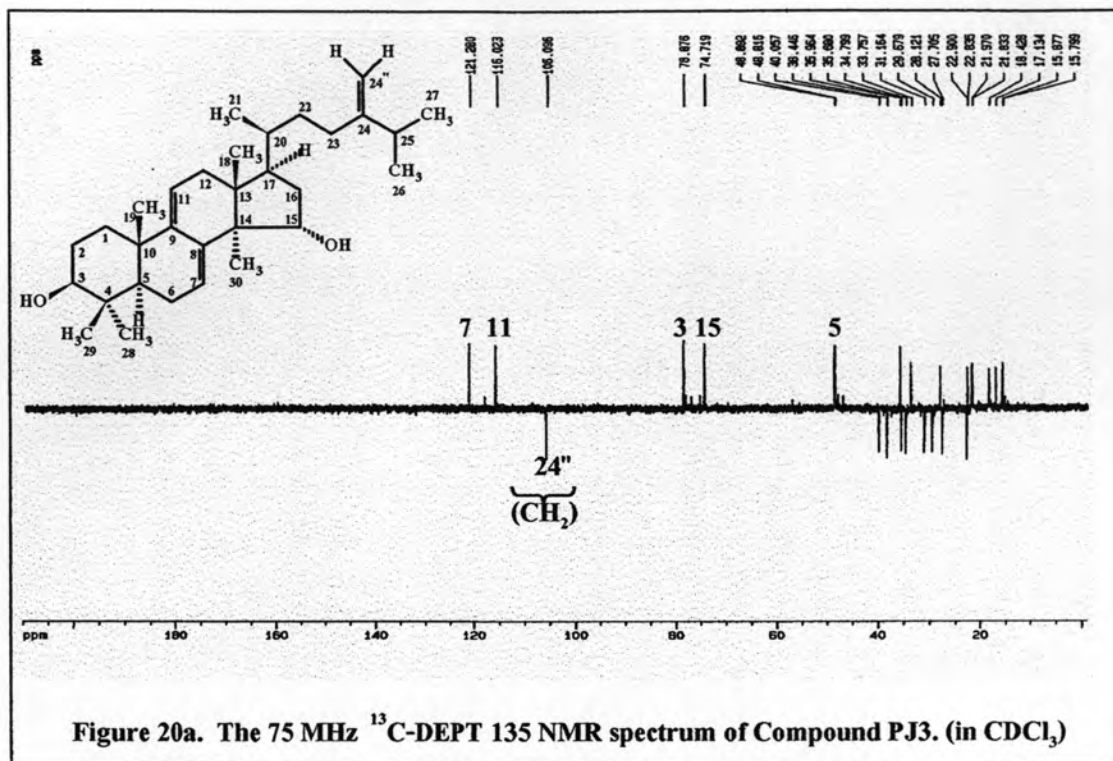
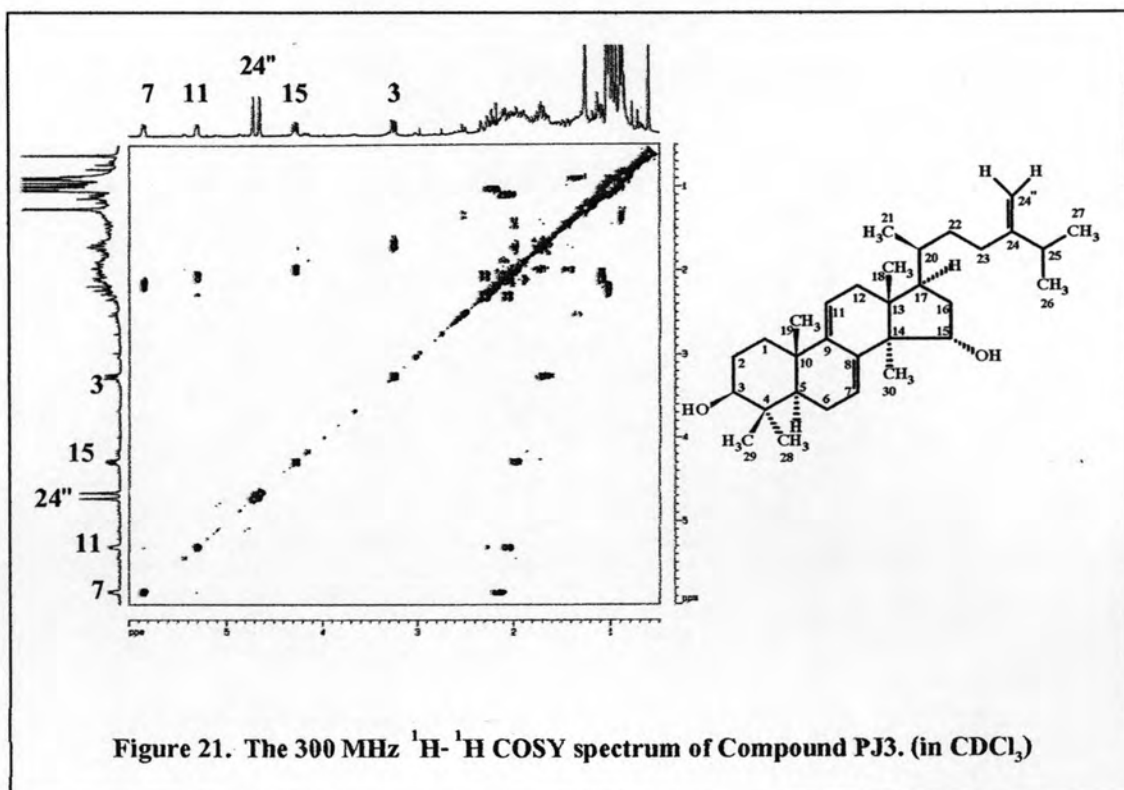
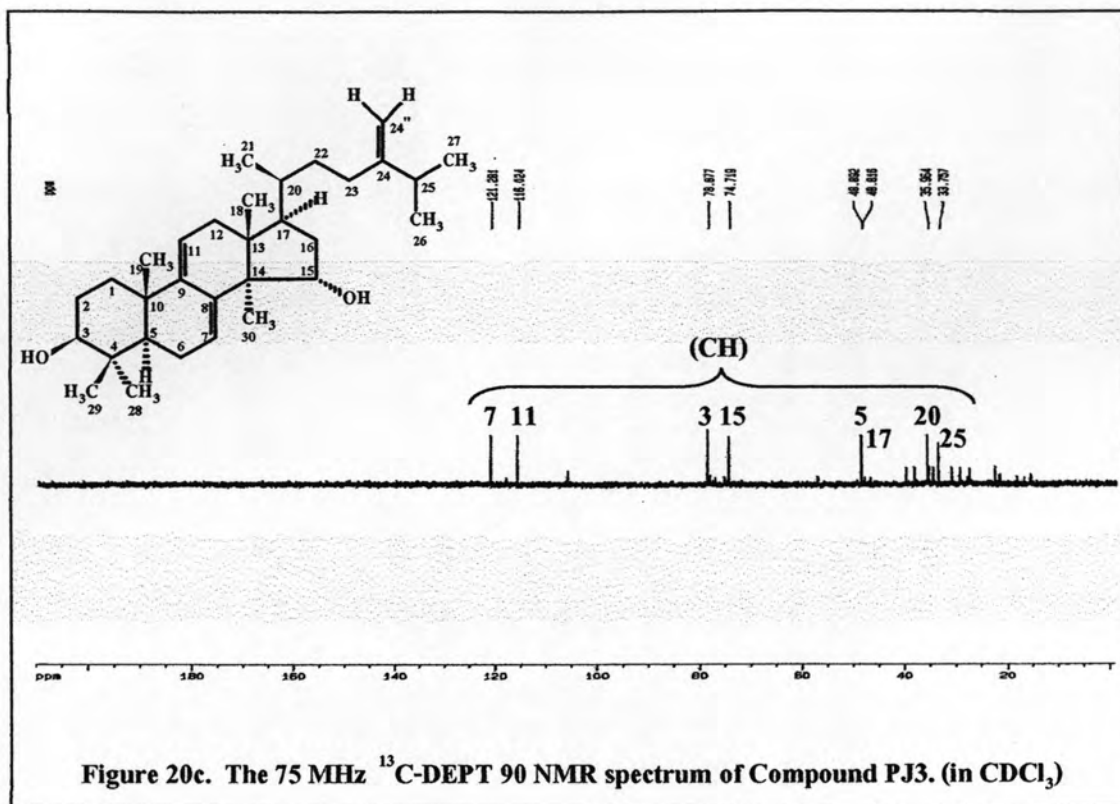


Figure 18c. The 300 MHz ^1H -NMR spectrum of Compound PJ3. (in CDCl_3) (expanded)







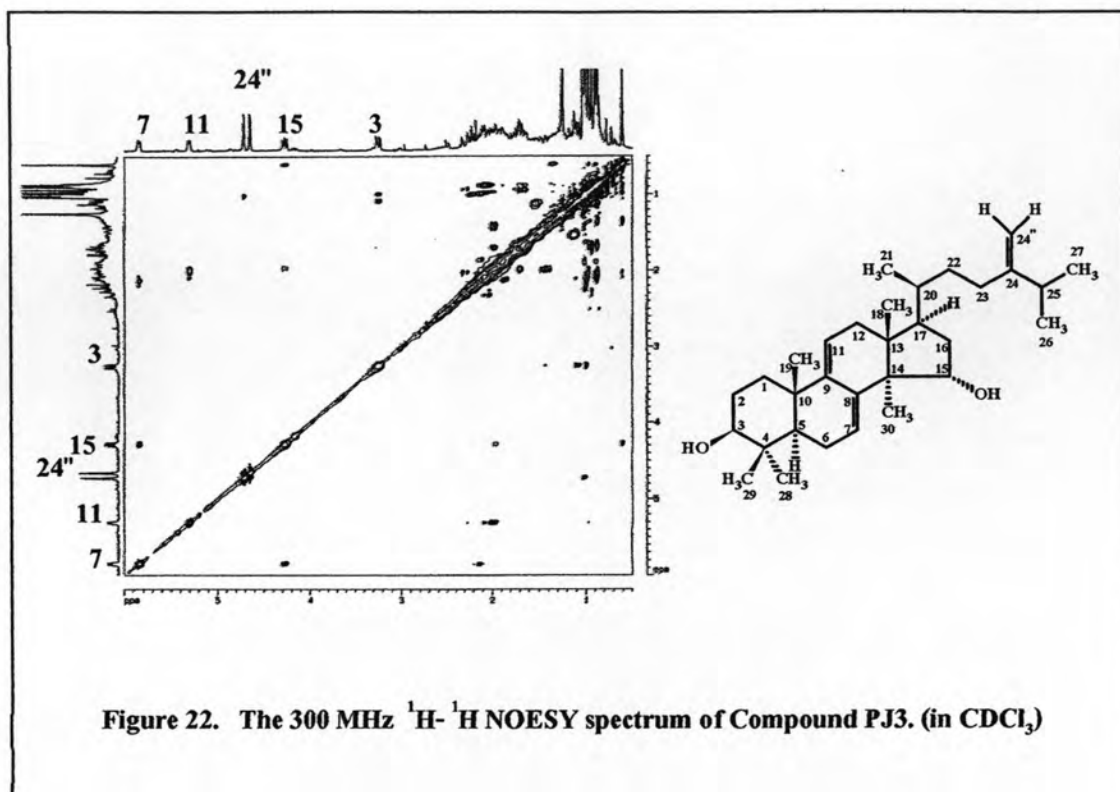


Figure 22. The 300 MHz ^1H - ^1H NOESY spectrum of Compound PJ3. (in CDCl_3)

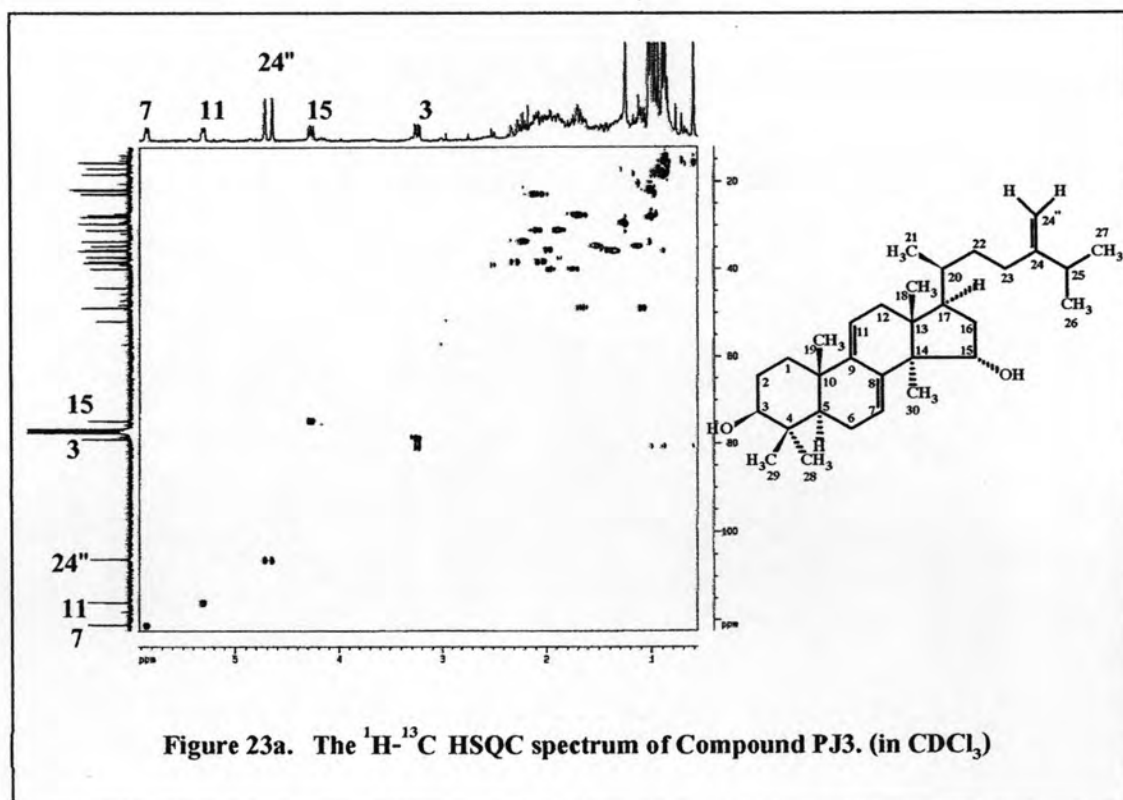
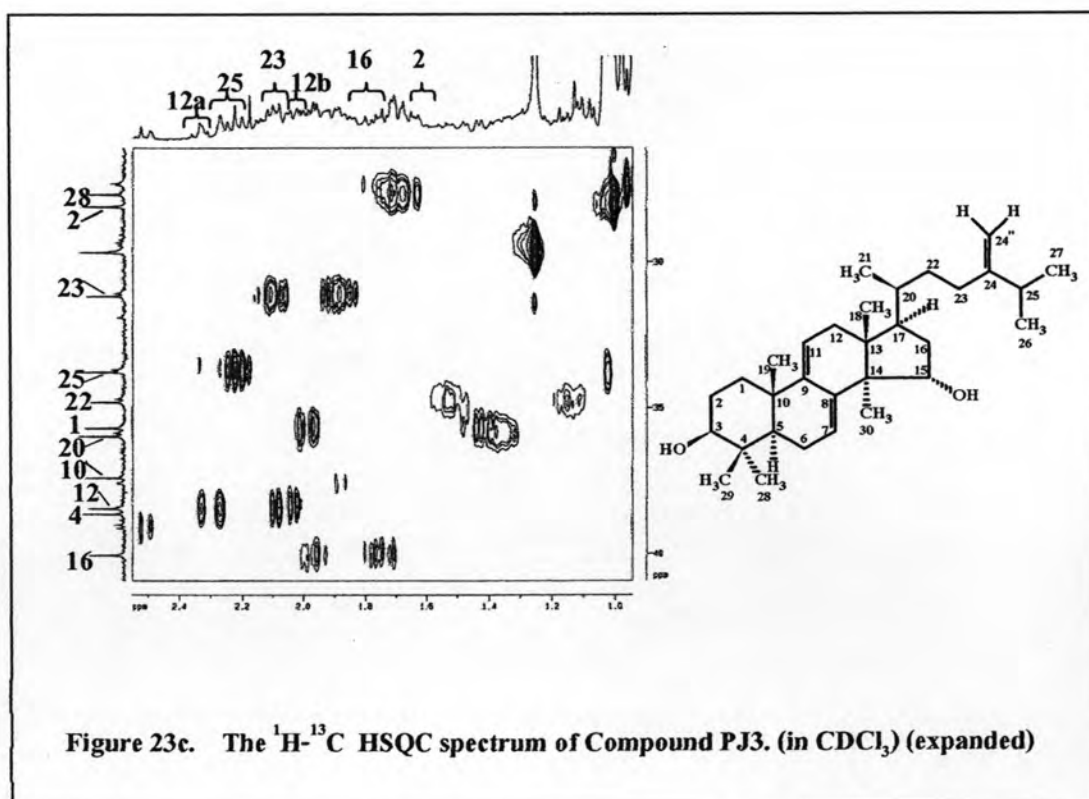
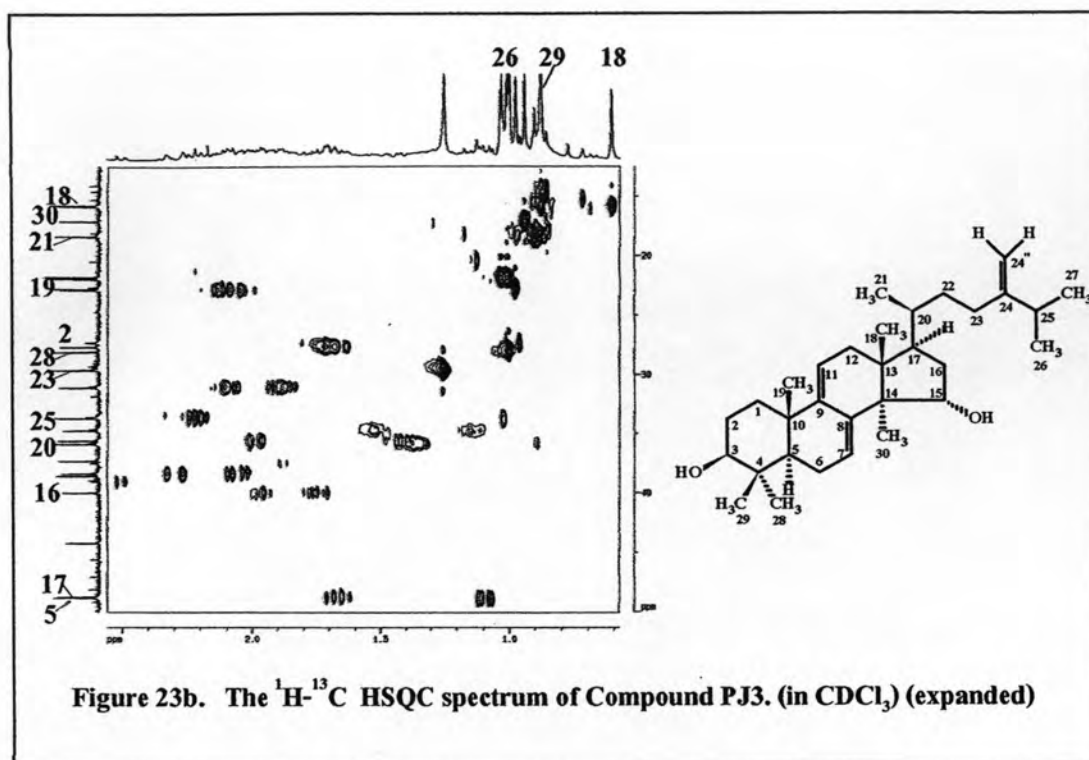
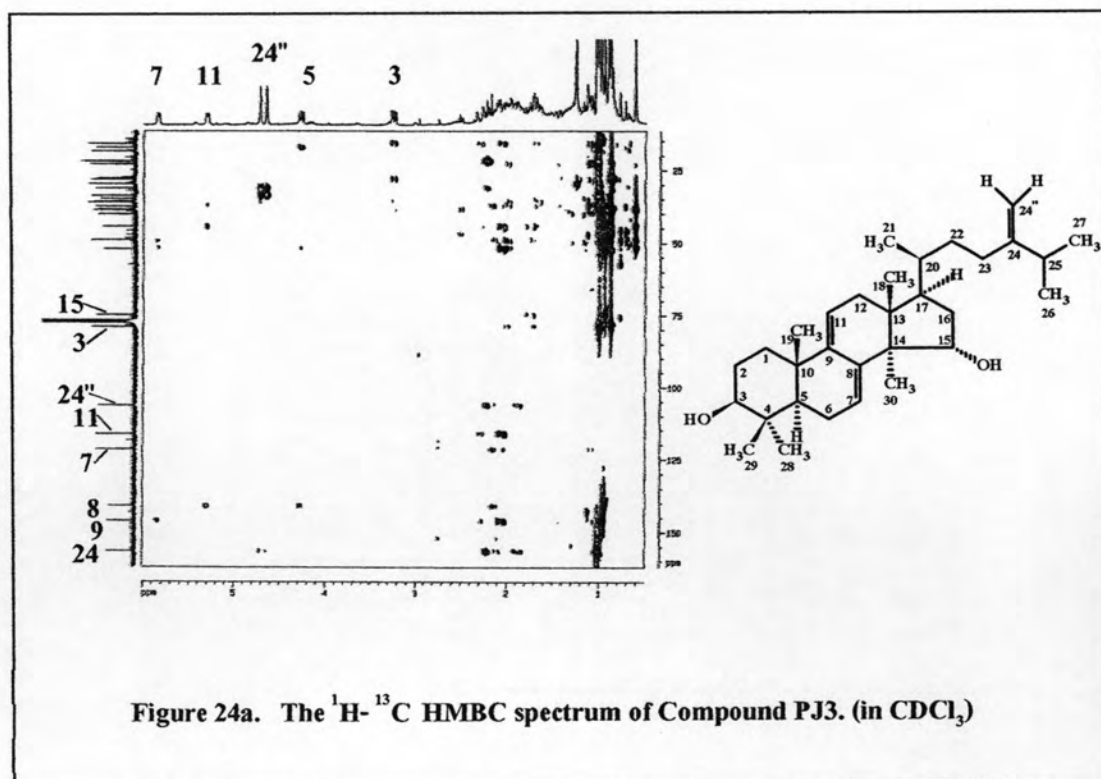
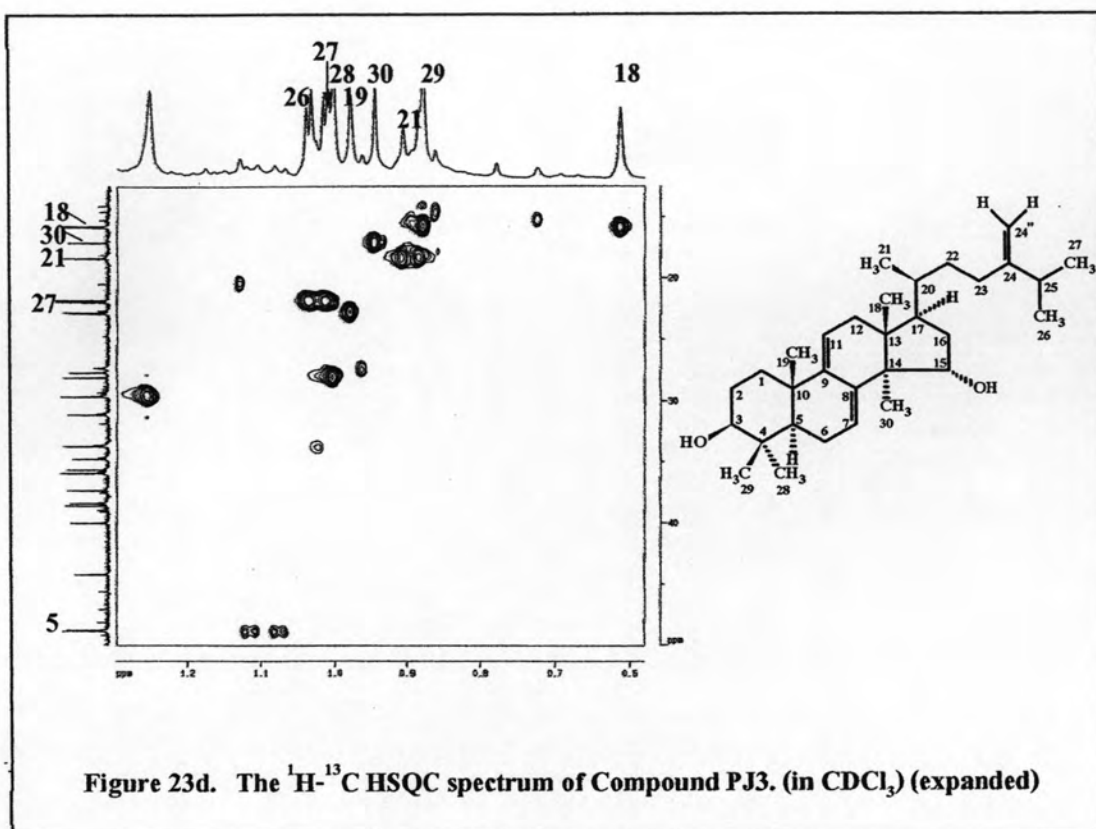
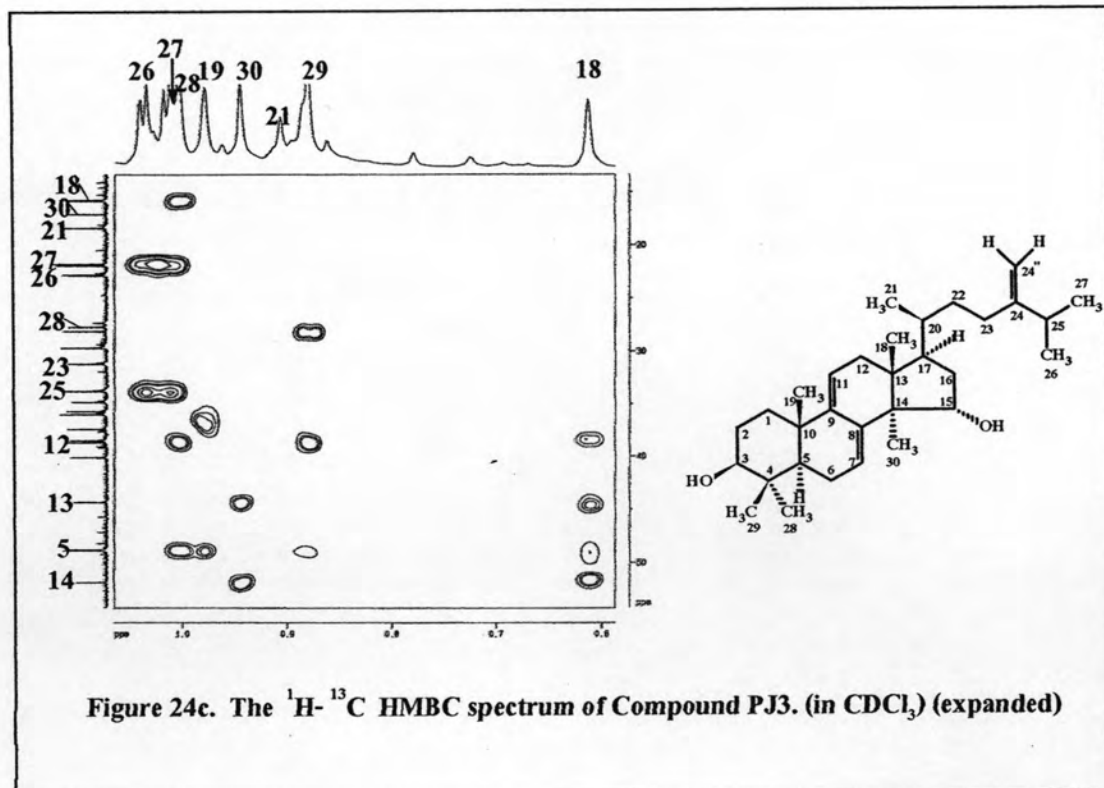
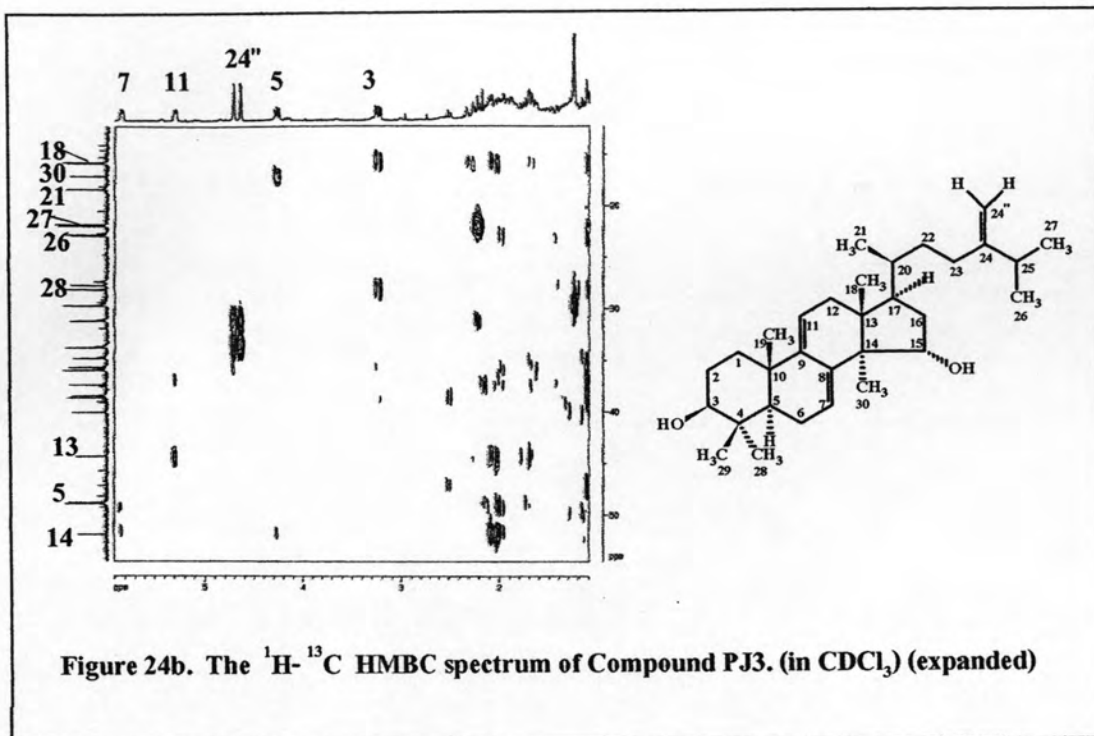
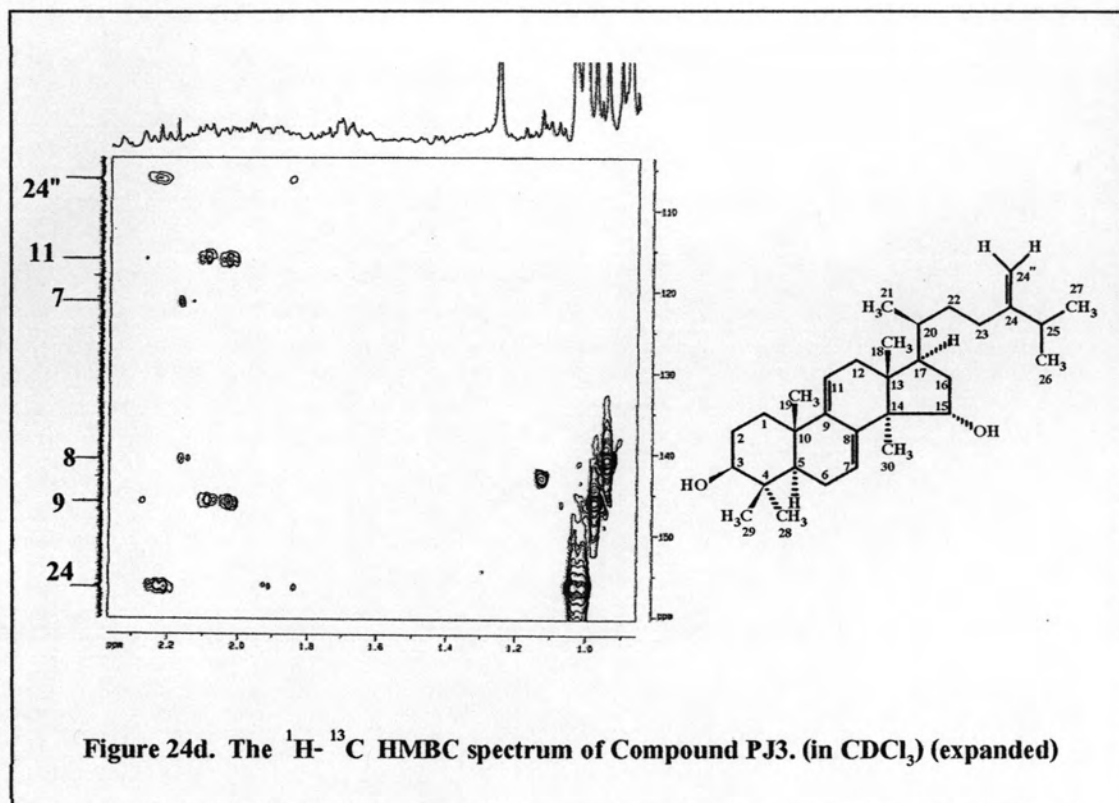


Figure 23a. The ^1H - ^{13}C HSQC spectrum of Compound PJ3. (in CDCl_3)









VITA

Miss Areerat Suedee was born on March 9th, 1980 in Bangkok, Thailand. She has received her Bachelor of Pharmaceutical Sciences in 2003 from the Faculty of Pharmaceutical Sciences, Rangsit University, Pathumthanee, Thailand.

