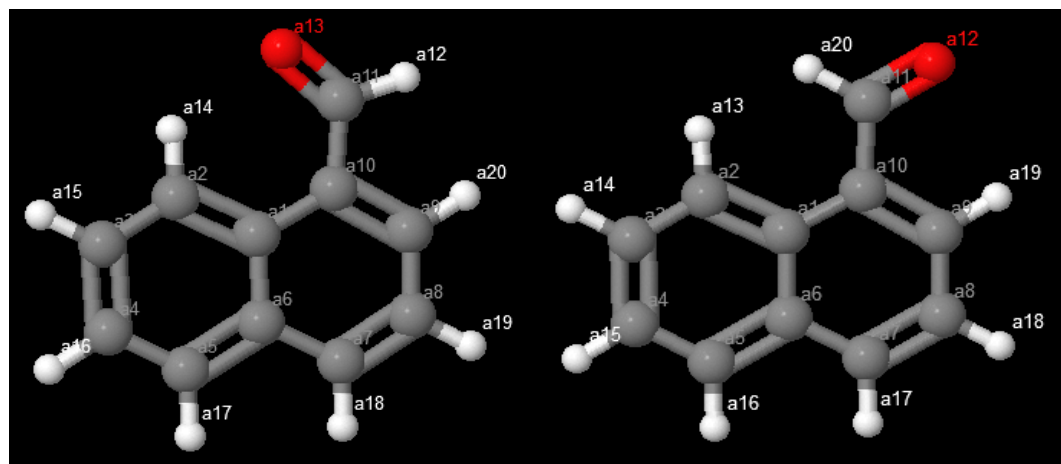
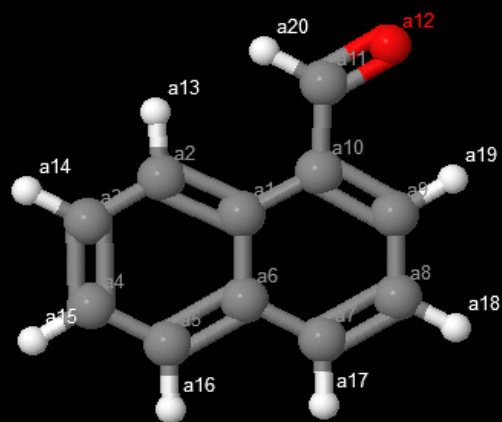


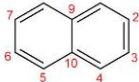
1-Napthaldehyde

Conformer: **A**



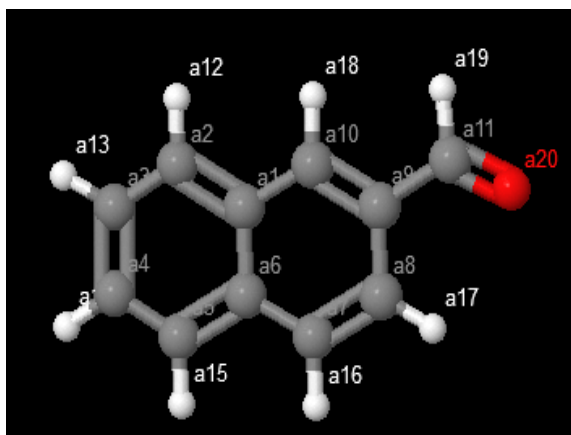
Conformer: **B**



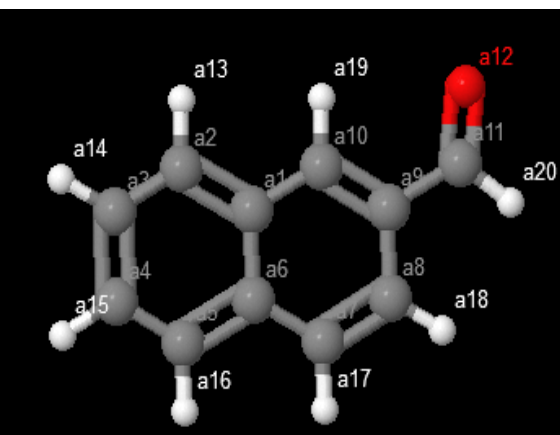
1-Napthaldehyde 	Kalinowski et al	Peter's observation	Conformer: A (CO towards C8-H)	Conformer: B (CO towards C2-H)	Average
C2	157	158.5	157.3889 (a9-a20)	164.7961 (a9-a19)	161.0925
C8	164	162.7	169.6927 (a2-a14)	158.1879 (a2-a13)	163.9403

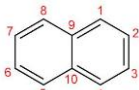
2-Napthaldehyde

Conformer: **A**



Conformer: **B**



2-Napthaldehyde 	Kalinowski et al	Peter's observation	Conformer: A (CO towards C3-H)	Conformer: B (CO towards C1-H)	Average
C1	159	159	157.1332 (a10-a18)	163.947 (a10-a19)	160.5401
C3	164	163	166.1580 (a8-a17)	158.1522 (a8-a18)	162.1551
C8	160	160.3	159.4630 (a2-a12)	160.6498 (a2-a13)	160.0564