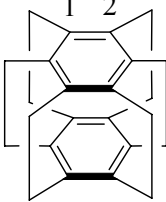
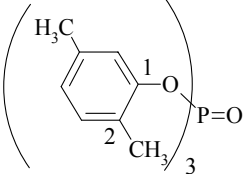
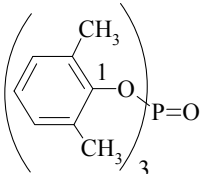
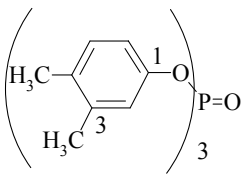
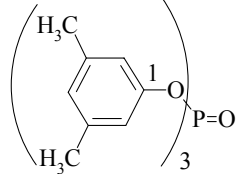
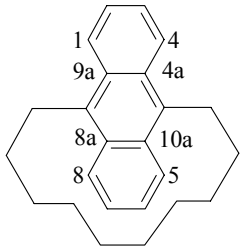
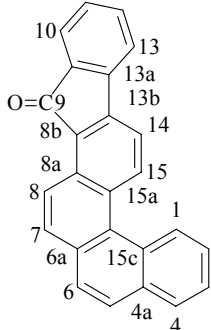
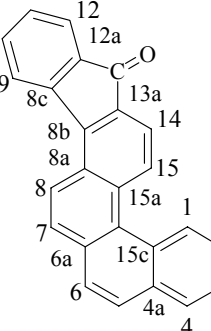
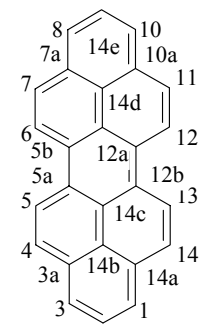
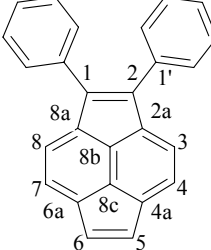


Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{23}\text{H}_{13}\text{F}_5$		CDCl_3	123.4(C1) 131.6(C2) 125.0(C3) 131.5(C4) 128.9(C5) 125.5(C6) 131.1(C7) 139.6(C8) 135.0(C4a) 130.0(C8a) 117.0(C1') 142.2(C2'/6') 136.6(C3'/5') 137.2(C4') 142.0(C1'') 129.8(C2'') 137.0(C3'') 127.5(C4'') 127.4(C5'') 125.9(C6'') n.r.(CH ₃)	95Ann
$\text{C}_{23}\text{H}_{15}\text{F}_3$		CDCl_3	131.7(C1) 130.9(C2) 124.8(C3) 130.2(C4) n.r.(C5) 125.2(C6) 130.2(C7) 139.2(C8) 135.0(C4a) 130.0(C8a) 128.7(C1') 148.0(C2') 138.6(C3') 150.0(C4') 110.7(C5') 126.0(C6') 141.5(C1'') 136.0(C2'') 129.1(C3'') 126.7(C4'') 124.5(C5'') 131.0(C6'') n.r.(CH ₃)	95Ann
$\text{C}_{23}\text{H}_{16}\text{F}_2$		CDCl_3	132.8(C1) 131.0(C2) 124.8(C3) 129.8(C4) 128.7(C5) 125.4(C6) 130.5(C7) 139.4(C8) 135.0(C4a) 130.0(C8a) 133.3(C1') 158.5(C2') 102.7(C3') 161.6(C4') 110.0(C5') 133.0(C6') 141.7(C1'') 136.1(C2'') 129.5(C3'') 126.6(C4'') 124.5(C5'') 131.1(C6'') n.r.(CH ₃)	95Ann
$\text{C}_{23}\text{H}_{16}\text{F}_2$		CDCl_3	132.6(C1) 130.8(C2) 124.9(C3) 130.0(C4) 128.6(C5) 125.2(C6) 130.5(C7) 139.3(C8) 135.0(C4a) 130.0(C8a) 132.8(C1') 145.6(C2') 151.6(C3') 115.3(C4') 124.2(C5') 127.5(C6') 141.4(C1'') 136.2(C2'') 129.3(C3'') 126.8(C4'') 124.8(C5'') 131.1(C6'') n.r.(CH ₃)	95Ann
$\text{C}_{23}\text{H}_{16}\text{F}_2$		CDCl_3	132.7(C1) 130.8(C2) 124.7(C3) 129.8(C4) 128.7(C5) 125.2(C6) 130.5(C7) 139.3(C8) 135.0(C4a) 130.0(C8a) 132.3(C1') 155.3(C2') 115.6(C3') 114.0(C4') 157.4(C5') 119.3(C6') 141.7(C1'') 136.1(C2'') 128.6(C3'') 126.9(C4'') 124.4(C5'') 129.5(C6'') n.r.(CH ₃)	95Ann

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{23}\text{H}_{17}\text{F}$		CDCl_3	134.0(C1) 131.0(C2) 125.1(C3) 129.4(C4) 128.6(C5) 125.3(C6) 130.5(C7) 139.0(C8) 135.0(C4a) 130.0(C8a) 133.9(C1') 159.3(C2') 114.6(C3') 128.1(C4') 122.8(C5') 132.8(C6') 142.9(C1'') 136.2(C2'') 129.4(C3'') 126.6(C4'') 124.4(C5'') 131.4(C6'') n.r.(CH ₃)	95Ann
$\text{C}_{23}\text{H}_{26}\text{O}_4$		CDCl_3	137.8(C1) 122.8(C2) 125.2(C3) 127.6(C4) 105.5(C5) 148.9(C6) 148.9(C7) 102.8(C8) 134.0(C4a) 136.8(C8a) 127.6(C1') 111.0(C2') 147.8(C3') 148.6(C4') 113.2(C5') 125.1(C6') 21.2(CH ₃) 26.0(CH ₂ CH ₃) 14.5(CH ₂ CH ₃) 55.8(6-OCH ₃) 55.8(7-OCH ₃) 55.8(3'-OCH ₃) 55.8(4'-OCH ₃)	75Vaj
$\text{C}_{24}\text{H}_{14}$		CDCl_3	123.2(C1) 126.7(C2) 126.3(C3) 128.8(C4) 127.7(C5) 121.4(C6) 122.3(C7) 128.2(C8) 119.6(C9) 121.5(C10) 127.9(C11) 127.5(C12) 121.7(C13) 115.5(C14) 132.4(C4a) 131.7(C6a) 127.6(C6b) 131.5(C9a) 140.4(C9b) 139.0(C13a) 135.3(C13b) 128.8(C13c) 130.1(C14a) n.r.(C14b)	87Cho
$\text{C}_{24}\text{H}_{18}$		CDCl_3	136.2(C1/4) 129.4(C2/3/5/6) 132.9(CH)	86Tan
$\text{C}_{24}\text{H}_{20}$		CDCl_3	136.8(C1) 132.0(C2) 134.3(C3) 136.4(C4) 128.1(C5) 125.5(C6) 125.8(C7) 128.2(C8) 126.0(C9) 124.0(C10) 133.0(C4a) 130.9(C4b) 132.3(C8a) 134.1(C10a) 137.9(C1') 131.7(C2'/6') 132.0(C3'/5') 138.8(C4') 33.6(1-CH ₂) 34.6(1'-CH ₂) 38.6(4-CH ₂) 34.8(4'-CH ₂)	85Hop
$\text{C}_{24}\text{H}_{20}\text{Si}$		CDCl_3	134.5(C1) 136.6(C2/6) 128.1(C3/5) 129.9(C4)	75Ngu

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{24}\text{H}_{24}$		CDCl_3	144.6(C1/2/3/4/5/6) 32.3(CH_2)	93Ern
$\text{C}_{24}\text{H}_{27}\text{O}_4\text{P}$		CDCl_3	149.1(C1) 126.1(C2) 131.1(C3) 126.2(C4) 137.1(C5) 120.6(C6) 15.1(2- CH_3) 20.8(5- CH_3)	82Buc
$\text{C}_{24}\text{H}_{27}\text{O}_4\text{P}$		CDCl_3	148.3(C1) 130.4(C2/6) 129.1(C3/5) 125.4(C4) 17.1(CH_3)	82Buc
$\text{C}_{24}\text{H}_{27}\text{O}_4\text{P}$		CDCl_3	148.7(C1) 121.2(C2) 138.2(C3) 133.6(C4) 130.6(C5) 117.2(C6) 19.8(3- CH_3) 19.0(4- CH_3)	82Buc
$\text{C}_{24}\text{H}_{27}\text{O}_4\text{P}$		CDCl_3	150.6(C1) 117.9(C2/6) 139.6(C3/5) 127.1(C4) 21.2(CH_3)	82Buc
$\text{C}_{24}\text{H}_{28}$		CD_3OD	125.1(C1/4/5/8) 124.0(C2/3/6/7) 130.0(C4a/C8a/C9a/C10a) 133.0(C9/10) 26.1(αCH_2) 28.4(βCH_2) 25.3(γCH_2) 28.0(δCH_2) 25.3(ϵCH_2)	82Sto

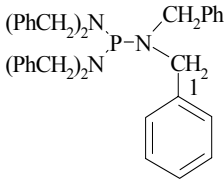
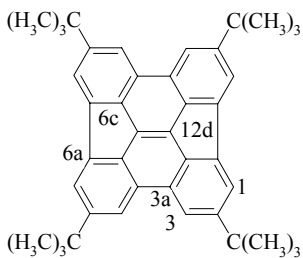
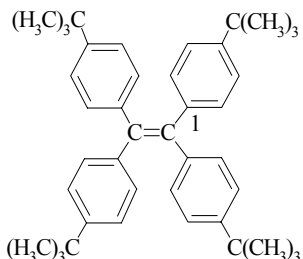
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{25}\text{H}_{14}\text{O}$		DMSO- d_6	125.8(C1) 124.9(C2) 124.6(C3) 126.8(C4) 126.3(C5) 124.7(C6) 128.9(C7) 120.0(C8) 192.7(C9) 121.7(C10) 127.7(C11) 133.0(C12) 119.0(C13) 116.9(C14) 133.5(C15) 124.4, 125.2, 127.4, 128.5, 128.6, 128.8, 131.8, 132.4(C4a, C6a, C8a, C8b, C9a, C15a, C15b, C15c) 141.3, 142.8(C13a, C13b)	96Gac
$\text{C}_{25}\text{H}_{14}\text{O}$		DMSO- d_6	126.2(C1) 125.1(C2) 124.8(C3) 127.4(C4) 127.0(C5) 124.7(C6) 127.8(C7) 121.2(C8) 122.3(C9) 133.3(C10) 127.2(C11) 122.1(C12) 191.5(C13) 118.0(C14) 127.4(C15) 126.0, 128.1, 128.9, 129.4, 130.2, 131.9, 132.7, 133.4(C4a, C6a, C8a, C12a, C13a, C15a, C15b, C15c) 140.2, 142.9(C8b, C8c)	96Gac
$\text{C}_{26}\text{H}_{14}$		TCE- d_2	125.4(C1/3/8/10) 126.2(C2/9) 127.8(C4/7/11/14) 122.8(C5/6/12/13) 131.3(C3a/7a/10a/14a) 125.4(C5a/5b/12a/12b) 125.2(C14b/14e) 122.9(C14c/14d)	95Ued
$\text{C}_{26}\text{H}_{16}$		CDCl_3	140.7(C1/2) 124.6(C3/8) 124.8(C4/7) 132.6(C5/6) 142.9(C2a/8a) 141.9(C4a/6a) 131.4(C8b) 131.7(C8c) 134.8(C1') 128.3(C2'/6') 128.7(C3'/5') 127.4(C6')	76Tro

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{26}\text{H}_{16}$		Ac-d_6 298.5K	127.4(C1/8) 128.0(C2/7) 130.4(C3/6) 121.0(C4/5) 141.7(C9) 142.2(C4a/4b) 138.8(C8a/9a)	00Hof
$\text{C}_{26}\text{H}_{16}\text{Br}_4$		CDCl_3	139.0(C1) 130.4(C2/6) 129.0(C3/5) 119.6(C4) 137.2(C)	81Smi
$\text{C}_{26}\text{H}_{16}\text{Cl}_4$		CDCl_3	141.1(C1) 132.4(C2/6) 128.3(C3/5) 132.9(C4) 139.5(C)	81Smi
$\text{C}_{26}\text{H}_{16}\text{N}_4\text{O}_8$		CDCl_3	147.2(C1) 131.8(C2/6) 123.9(C3/5) 147.2(C4) 141.5(C)	81Smi
$\text{C}_{26}\text{H}_{18}$		$\text{CS}_2/\text{Ac-d}_6$	127.8(C1/8) 126.5(C2/7) 126.3(C3/6) 122.4(C4/5) 136.8(C9/10) 129.9(C4a/4b) 131.8(C8a/10a) 139.3(C1') 130.8(C2'/6') 127.5(C3'/5') 126.3(C4')	79Han

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{26}\text{H}_{18}$		CDCl_3	137.5(C1/2) 125.9(C3/8) 120.6(C4/7) 32.4(C5/6) 135.6(C2a/8a) 146.7(C4a/6a) 126.7(C8b) 135.3(C8c) 136.3(C1') 128.3(C2'/6') 129.9(C3'/5') 126.7(C4')	76Tro
$\text{C}_{26}\text{H}_{18}\text{O}$		CDCl_3	126.6(C1) 124.9(C2) 124.7(C3) 127.3(C4) 127.1(C5) 125.5(C6) 126.0(C7) 127.0(C8) 126.8(C9) 122.4(C10) 38.3(C11) 116.5(C12) 127.5(C13) 108.3(C14) 153.9(C15) 130.8(C4a) 130.5(C6a) 124.3(C8a) 142.5(C10a) 144.4(C11a) 133.1(C15a) 137.5(C15b) 132.7(C15c) 129.1(C15d) 132.3(C15e) 53.5(OCH_3)	99Min
$\text{C}_{26}\text{H}_{20}$		CDCl_3	143.8(C1) 131.3(C2/6) 127.6(C3/5) 126.4(C4) 141.0(C)	81Smi
$\text{C}_{26}\text{H}_{20}\text{O}$		CDCl_3	138.7(C1) 128.3(C2/6) 127.6(C3/5) 127.1(C4) 73.9(C)	76Han
$\text{C}_{26}\text{H}_{22}$		CDCl_3	143.5(C1) 128.5(C2/6) 128.1(C3/5) 125.8(C4) 56.4(CH)	76Han
$\text{C}_{26}\text{H}_{22}\text{O}_2$		CDCl_3	144.3(C1) 128.7(C2/6) 127.3(C3/5) 126.9(C4) 83.1(C)	76Han
$\text{C}_{26}\text{H}_{24}\text{NP}$		CDCl_3	138.9(C1) 128.8(C2/6) 128.1(C3/5) 127.0(C4) 140.3(C1') 132.4(C2'/6') 128.5(C3'/5') 128.1(C4') 54.3(CH_2)	80Gra

Gross formula	Structure	Solvent	$\delta^3\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{28}\text{H}_{18}$		CDCl_3	129.2(C1) 124.5(C2) 126.5(C3) 127.9(C4) 126.1(C5) 138.2(C6) 125.5(C7) 126.8(C8) 127.7(C9) 127.8(C10) 127.7(C11) 126.2(C12) 124.4(C13) 129.0(C14) 132.6(C4a) 131.9(C6a) 131.1(C8a) 131.9(C10a) 130.4(C14a) 126.9 ^a (C14b) 127.8 ^a (C14c) 131.1(C14d) 140.8(C1') 130.5(C2'/6') 128.4(C3'/5') 127.5(C4')	99Min
$\text{C}_{29}\text{H}_{20}\text{O}$		CDCl_3	200.2(C1) 125.4(C2/5) 154.6(C3/4) 130.8(C1') 130.2(C2'/6') 128.0(C3'/5') 127.5(C4') 133.2(C1'') 129.4(C2''/6'') 128.0(C3''/5'') 128.5(C4'')	79Han
$\text{C}_{30}\text{H}_{28}\text{O}_4$		CDCl_3	136.9(C1) 132.5(C2/6) 113.0(C3/5) 157.8(C4) 138.4(C) 55.0(OCH_3)	81Smi
$\text{C}_{30}\text{H}_{24}$		CDCl_3	133.0(C1/16) 128.4(C2/15) 127.0(C3/14) 131.0(C4/13) 123.7(C5/12) 119.2(C6/11) 123.4(C7/10) 126.8(C8/9) 132.0(C4a/12a) 127.7(C6a/10b) 129.7(C6b/10a) 133.1(C16a/16d) 126.3(C16b/16c) 22.1(1/16- CH_3) 19.7(4/13- CH_3)	99Min
$\text{C}_{30}\text{H}_{22}\text{O}_2$		CDCl_3	133.5(C1/16) 129.2(C2/15) 129.2(C3/14) 131.1(C4/13) 126.7(C5/12) 122.5(C6/11) 189.2(C7/10) 138.5(C8/9) 132.3(C4a/12a) 127.2(C6a/10b) 129.2(C6b/10a) 131.5(C16a/16d) 131.6(C16b/16c) 21.9(1/16- CH_3) 19.6(4/13- CH_3)	99Min

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{30}\text{H}_{24}\text{O}_2$		CDCl_3	132.5(C1) 130.3(C2) 129.2(C3) 131.1(C4) 25.6(C5) 25.9(C6) 188.6(C7) 138.2(C8) 139.3(C9) 188.5(C10) 123.3(C11) 126.9(C12) 130.7(C13) 129.1(C14) 128.9(C15) 134.5(C16) 138.1(C4a) 140.4(C6a) 141.7(C6b) 138.2(C10a) 125.3(C10b) 132.2(C12a) 130.1(C16a) 133.6(C16b) 128.0(C16c) 136.8(C16d) 20.1(1-CH ₃) 19.6(4-CH ₃) 19.4(13-CH ₃) 21.4(16-CH ₃)	99Min
$\text{C}_{32}\text{H}_{24}$		CDCl_3	136.2(C1) 129.3(C2/3/5/6) 129.9(CH)	86Tan
$\text{C}_{34}\text{H}_{24}$		CDCl_3	138.5(C1/4) 138.9(C2/3) 127.0(C5/8) 125.3(C6/7) 132.1(C4a/8a) 140.5(C1') 131.3(C2'/6') 127.5(C3'/5') 126.4(C4') 139.6(C1'') 131.3(C2''/6'') 126.6(C3''/5'') 125.9(C4'')	79Han
$\text{C}_{34}\text{H}_{24}\text{O}_2$		CDCl_3	134.3(C1/18) 128.8(C2/17) 128.7(C3/16) 130.8(C4/15) 125.9(C5/14) 122.7(C6/13) 186.8(C7/12) 126.3(C8/11) 33.3(C9/10) 132.1(C4a/14a) 127.7(C6a/12b) 129.5(C6b/12a) 126.6(C7a/11a) 131.5(C18b/18c) 131.4(C18a/18d) 21.7(1/18-CH ₃) 19.3(4/15-CH ₃)	99Min
$\text{C}_{40}\text{H}_{44}$		THF-d_8 298.5K	116.1(C1) 153.4(C2) 118.9(C3) 125.9(C3a) 151.6(C6a) 147.5(C6c) 35.8(C-CH ₃) 31.0(CH ₃)	00Hof

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm], $^nJ(\text{C-H})$, $^nJ(\text{C-X})$ [Hz]	Ref.
$\text{C}_{42}\text{H}_{42}\text{N}_3\text{P}$		CDCl_3	130.5(C1) 130.1(C2/6) 129.0(C3/5) 129.3(C4) 49.6(CH ₂)	80Gra
$\text{C}_{42}\text{H}_{44}$		CD_2Cl_2 298.5K	119.4(C1) 151.8(C2) 119.4(C3) 132.6(C3a) 140.4(C6a) 137.3(C6c) 136.8(C12d) 35.2(CCH ₃) 31.1(CH ₃)	00Hof
$\text{C}_{42}\text{H}_{52}$		CDCl_3	141.1(C1) 130.9(C2/6) 124.2(C3/5) 148.9(C4) 140.1(C=) 34.4(CCH ₃) 31.3(CCH ₃)	81Smi