

¹⁹F NMR Reference Standards:

Compound:	δ (ppm) vs. CFCl_3
CFCl_3 (trichloro-fluoro-methane)	0.00
CF_3COOH (trifluoro acetic acid)	-76.55
C_6F_6 (hexafluorobenzene)	-164.9
$\text{C}_6\text{H}_5\text{F}$ (monofluorobenzene)	-113.15
CF_3Cl (trifluoro-chloro-methane)	-28.6
F_2 (elemental fluorine)	+422.92
CH_2FCN (monofluoro acetonitrile)	-251
$\text{CFCl}_2\text{CFCl}_2$ (difluoro, tetrachloroethane)	-67.80
$\text{C}_6\text{H}_5\text{CF}_3$ (trifluoro-toluene)	-63.72
SiF_4 (tetrafluorosilane)	-163.3
SF_6 (sulfur hexafluoride)	+57.42
$\text{S}_2\text{O}_5\text{F}_2$	+47.2
$(\text{CF}_3)_2\text{CO}$ (hexafluoro acetone)	-84.6
p- $\text{FC}_6\text{H}_4\text{F}$ (para-difluorobenzene)	-106.0
BF_3	-131-3
HF (aq)	-204.0
CF_4	-62.5
Aqueous F^- (KF)	-125.3

Positive (+) values indicate *downfield* shifts, lower-shielding, or higher frequency

Negative (-) values correspond to *upfield* shifts, higher-shielding, or lower frequency.

Note: Most literature references historically reverse the sign convention (i.e. negative shifts are reported as positive).