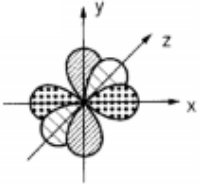
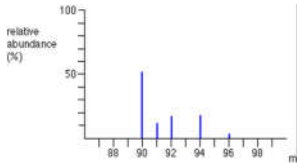
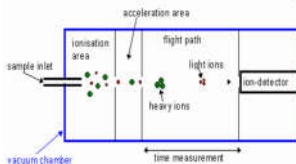
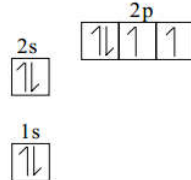


	1	2	3	4	5	6
1		Electron	Ion drift	Isotope	s-orbital	'spin-up'
2	Neutron		Electrospray ionisation	p-block	detection	Mass number
3	A_r	'time of flight'		Proton	Aufbau principle	Nucleus
4	Ion acceleration	Ionisation energy	Hund's rule	[Kr] 4d ⁷ 5s ¹	d-electrons	Electron repulsion
5	Detection	Noble Gas	Shielding	Atomic (proton) number		1/1860
6	+1	Periods	Principle energy level	The Pauli exclusion principle	$X_{(g)} \rightarrow X^+_{(g)} + e^-$	

DP Atomic Structure