Average atomic mass questions:

1. Hydrogen has three naturally occurring isotopes: 1H (1.007825amu), 2H (2.014102aum, 0.0115%), and 3H (3.016049amu). The average atomic mass of Hydrogen is 1.00794amu. Determine the percent abundance of 1H, and 3H.
2. Potassium has three naturally occurring isotopes: 39K (38.9637amu, 93.258%), 40K (39.9640 amu, 0.012%), and 41K (40.9618 amu, 6.730%). Determine the average atomic mass of Potassium.
3. Lithium has two naturally occurring isotopes: 6Li (7.59%), and 7Li (7.0160amu, 92.41%), and has an average atomic mass of 6.941amu. What is the mass of 6Li.