Functional Groups

1) Circle and name the functional groups in the following structures.

a) 

b) 

c) 

d) 

e) 

f) 

g) 

h) 

i) 

2) Identify the functional groups in the following naturally occurring compounds. (don’t worry about the “S” functional groups)

penicillin G

capsacin

dopamine

testosterone

thyroxine
3) Identify all the functional groups in each of the following compounds.

- Vitamin D3
- Aspartame
- Amphetamine
- Cholesterol
- A synthetic cockroach repellant
- A cockroach repellant found in cucumbers