Definition of BCNF (paraphrased by me):

A table is in BCNF if:

1) Every attribute is related to the primary key(s)
2) Each attribute is directly related to the table and only stored once
3) Attributes that can be found through queries aren't stored
4) Changing one attribute doesn't impact others

Relational Schema:

Crab(crab_id: INTEGER, nickname: TEXT UNIQUE, species: TEXT, well_being: DOUBLE)
^^everything depends on the crab_id, every attribute isn't stored in any other location, attributes like the total well-being of all crabs that can be found through a query aren't stored, attributes are independant

SpottedCrab(*crab_id: INTEGER*, date_found: DATE, shell_is_artificial: BOOLEAN, shell_type: TEXT)
^^everything depends on the crab_id, every attribute isn't stored in any other location, attributes like the crab nickname that can be found through a query aren't stored, attributes are independant

CrabGroup(crab_group_id: INTEGER, group_location: TEXT)
^^everything depends on the crab_group_id, every attribute isn't stored in any other location, attributes like each crab in the group that can be found through a query aren't stored, attributes are independant

Shell(shell_id: INTEGER, *printer_id: INTEGER, group_id: INTEGER*, mass: NUMBER, date_produced: DATE)
^^everything depends on the shell_id and printer_id, every attribute isn't stored in any other location, attributes like each crab that wore the shell that can be found through a query aren't stored, attributes are independant

Wears(*crab_id: INTEGER, shell_id: INTEGER*)
^^table contains only foreign keys, so it is in BCNF

Printer(printer_id: INTEGER, *factory_id: INTEGER*, tons_of_emissions_produced: NUMBER, date_installed: DATE)
^^everything depends on the printer_id and factory_id, every attribute isn't stored in any other location, attributes like each shell produced at the printer that can be found through a query aren't stored, attributes are independant

Factory(factory_id: INTEGER, address: TEXT, creation_date: DATE)
^^everything depends on the factory_id, every attribute isn't stored in any other location, attributes like each printer in the factory that can be found through a query aren't stored, attributes are independant

Person(person_id: INTEGER, first_name: TEXT, last_name: TEXT, date_of_birth: DATE, email: TEXT, phone: NUMBER, address: TEXT)
^^everything depends on the person_id, every attribute isn't stored in any other location, attributes like each person's salary that can be found through a query aren't stored, attributes are independant

Employee(*employee_id: INTEGER*, salary: NUMBER, date_joined: DATE)
^^everything depends on the employee_id, every attribute isn't stored in any other location, attributes like each person's first name that can be found through a query aren't stored, attributes are independant

Scientist(*scientist_id: INTEGER*, job: TEXT, education: TEXT)
^^everything depends on the scientist_id, every attribute isn't stored in any other location, attributes like each person's salary that can be found through a query aren't stored, attributes are independant

Researches(*crab_group_id: INTEGER, scientist_id: INTEGE*R)
^^table contains only foreign keys, so it is in BCNF

FactoryWorker(*worker_id: INTEGER*, *factory_id: INTEGER*)
^^everything depends on the worker_id, every attribute isn't stored in any other location, attributes like each person's salary that can be found through a query aren't stored, attributes are independant