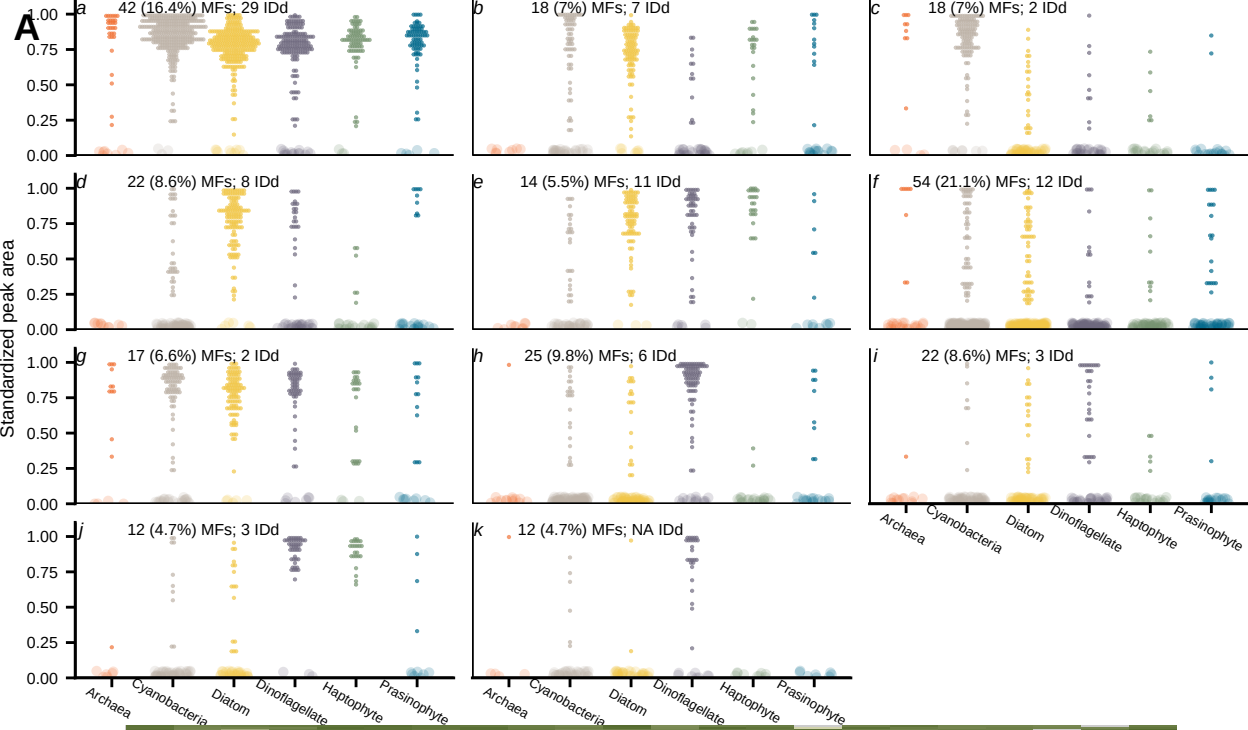
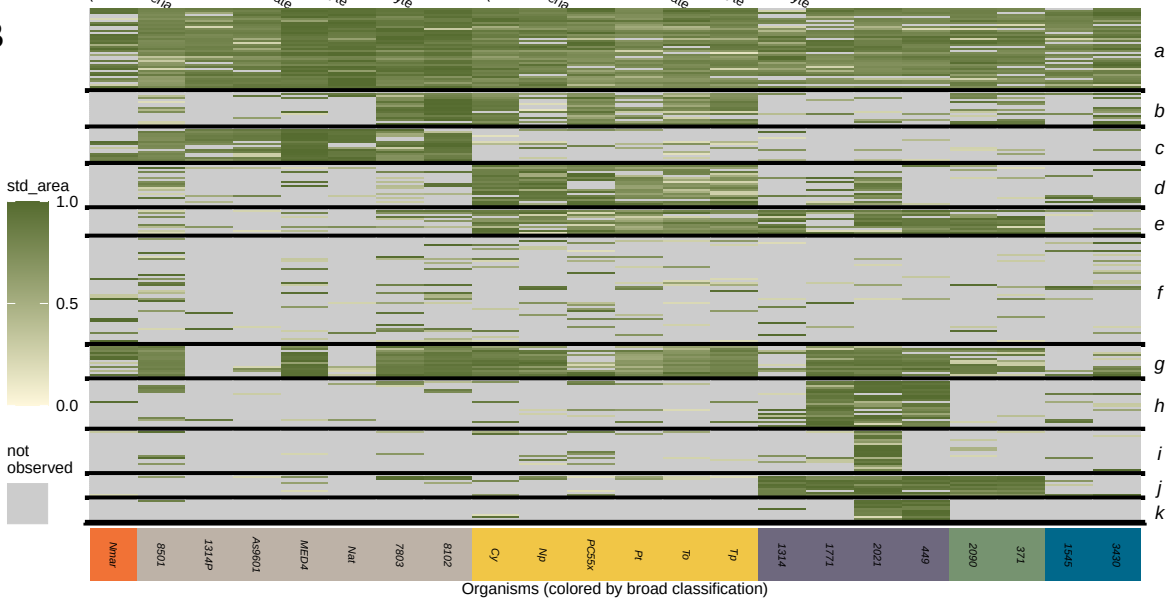
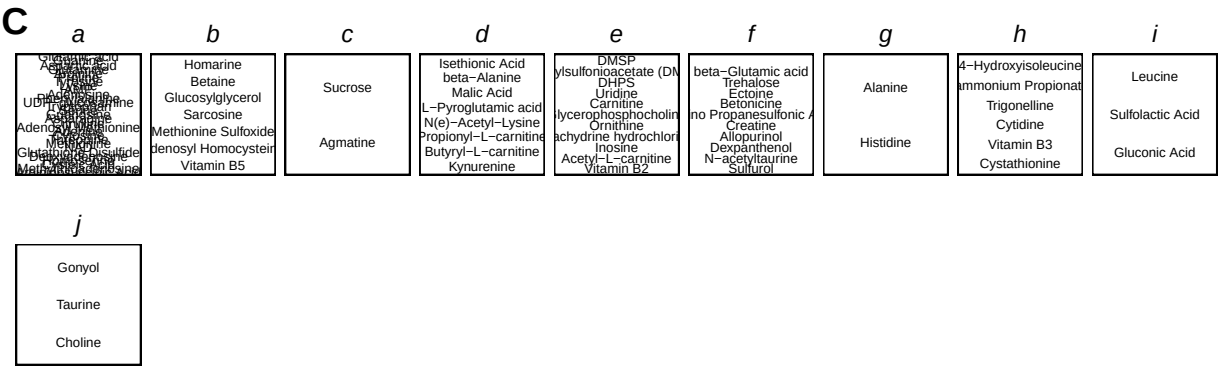

A
a 42 (16.4%) MFs; 29 IDd
b 18 (7%) MFs; 7 IDd
c 18 (7%) MFs; 2 IDd
d 22 (8.6%) MFs; 8 IDd
e 14 (5.5%) MFs; 11 IDd
f 54 (21.1%) MFs; 12 IDd
g 17 (6.6%) MFs; 2 IDd
h 25 (9.8%) MFs; 6 IDd
i 22 (8.6%) MFs; 3 IDd
j 12 (4.7%) MFs; 3 IDd
k 12 (4.7%) MFs; NA IDd
Standardized peak area
1.00
0.75
0.50
0.25
0.00
Archaea
Cyanobacteria
Diatom
Dinoflagellate
Haptophyte
Prasinophyte


B
std_area
1.0
0.5
0.0
not observed
a
b
c
d
e
f
g
h
i
j
k
Nmar
8501
1314P
As9601
MED4
Nat
7803
8102
Cy
Np
PCC6x
Pt
To
Tp
1314
1771
2021
449
2090
371
1545
3430
Organisms (colored by broad classification)


C
a
b
Homarine
Betaine
Glucosylglycerol
Sarcosine
Methionine Sulfoxide
denosyl Homocystein
Vitamin B5
c
Sucrose
Agmatine
d
Isethionic Acid
beta−Alanine
Malic Acid
L−Pyroglutamic acid
N(e)−Acetyl−Lysine
Propionyl−L−carnitine
Butyryl−L−carnitine
Kynurenine
e
DMSP
ylsulfonioacetate (DM
DHPS
Uridine
Carnitine
lycerophosphocholin
Ornithine
achydrine hydrochlori
Inosine
Acetyl−L−carnitine
Vitamin B2
f
beta−Glutamic acid
Trehalose
Ectoine
Betonicine
no Propanesulfonic A
Creatine
Allopurinol
Dexpanthenol
N−acetyltaurine
Sulfurol
g
Alanine
Histidine
h
4−Hydroxyisoleucine
ammonium Propionat
Trigonelline
Cytidine
Vitamin B3
Cystathionine
i
Leucine
Sulfolactic Acid
Gluconic Acid
j
Gonyol
Taurine
Choline