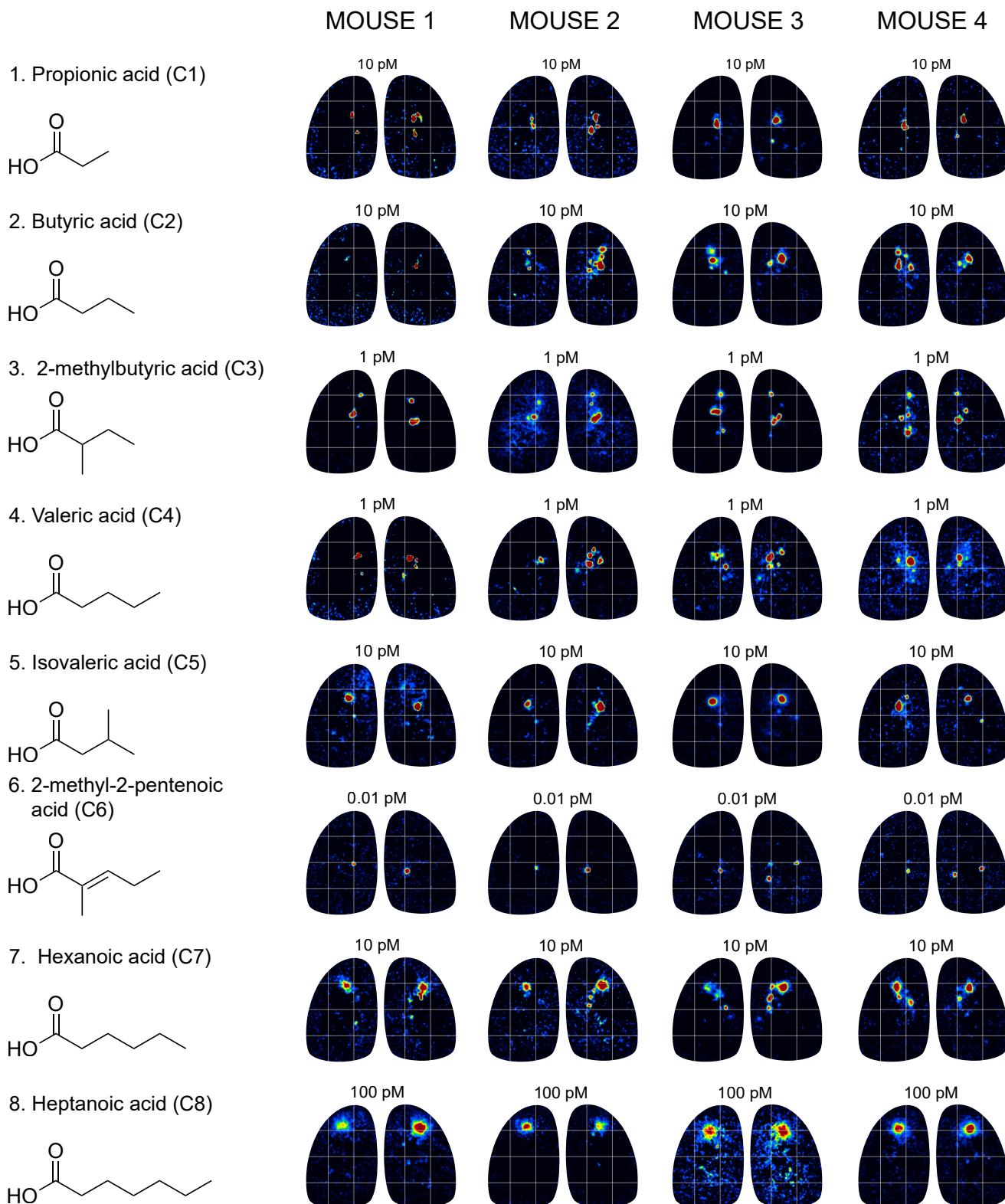


Carboxylic acid



Aldehyde

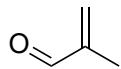
MOUSE 1

MOUSE 2

MOUSE 3

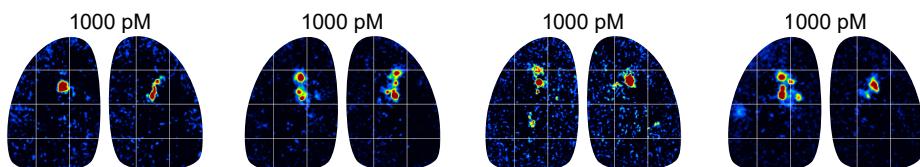
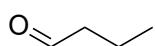
MOUSE 4

9. Methacrolein (D1)

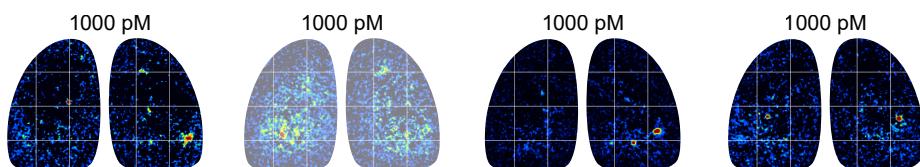
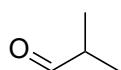


No Response at 1000 pM

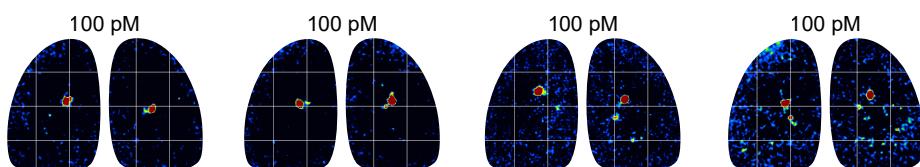
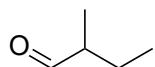
10. Butyraldehyde (D2)



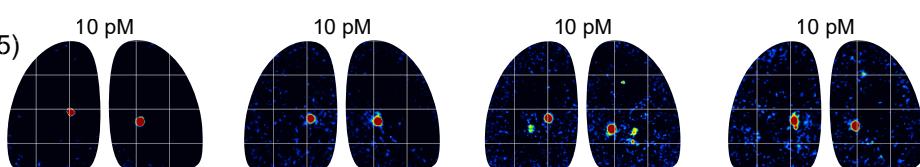
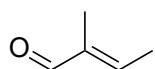
11. Isobutyraldehyde (D3)



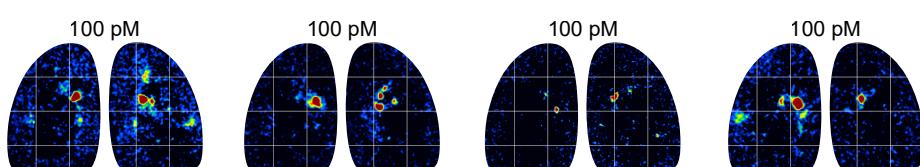
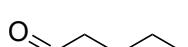
12. 2-methylbutyraldehyde (D4)



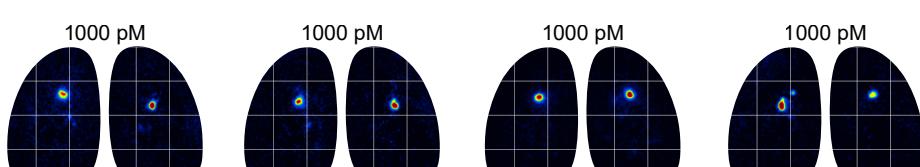
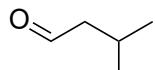
13. trans-2-methyl-2-butenal (D5)



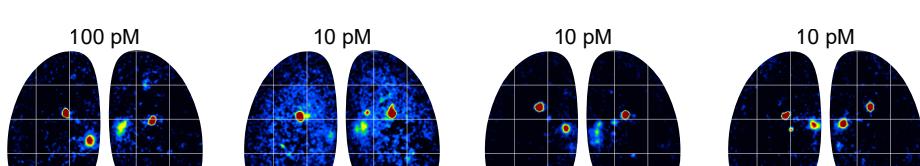
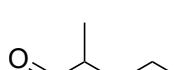
14. Valeraldehyde (D6)



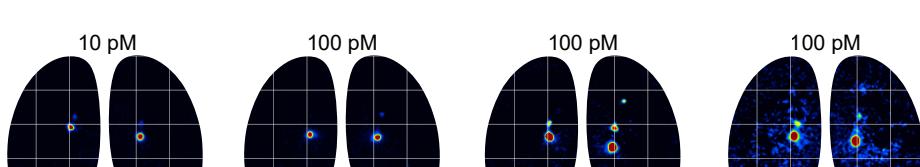
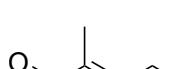
15. Isovaleraldehyde (D7)



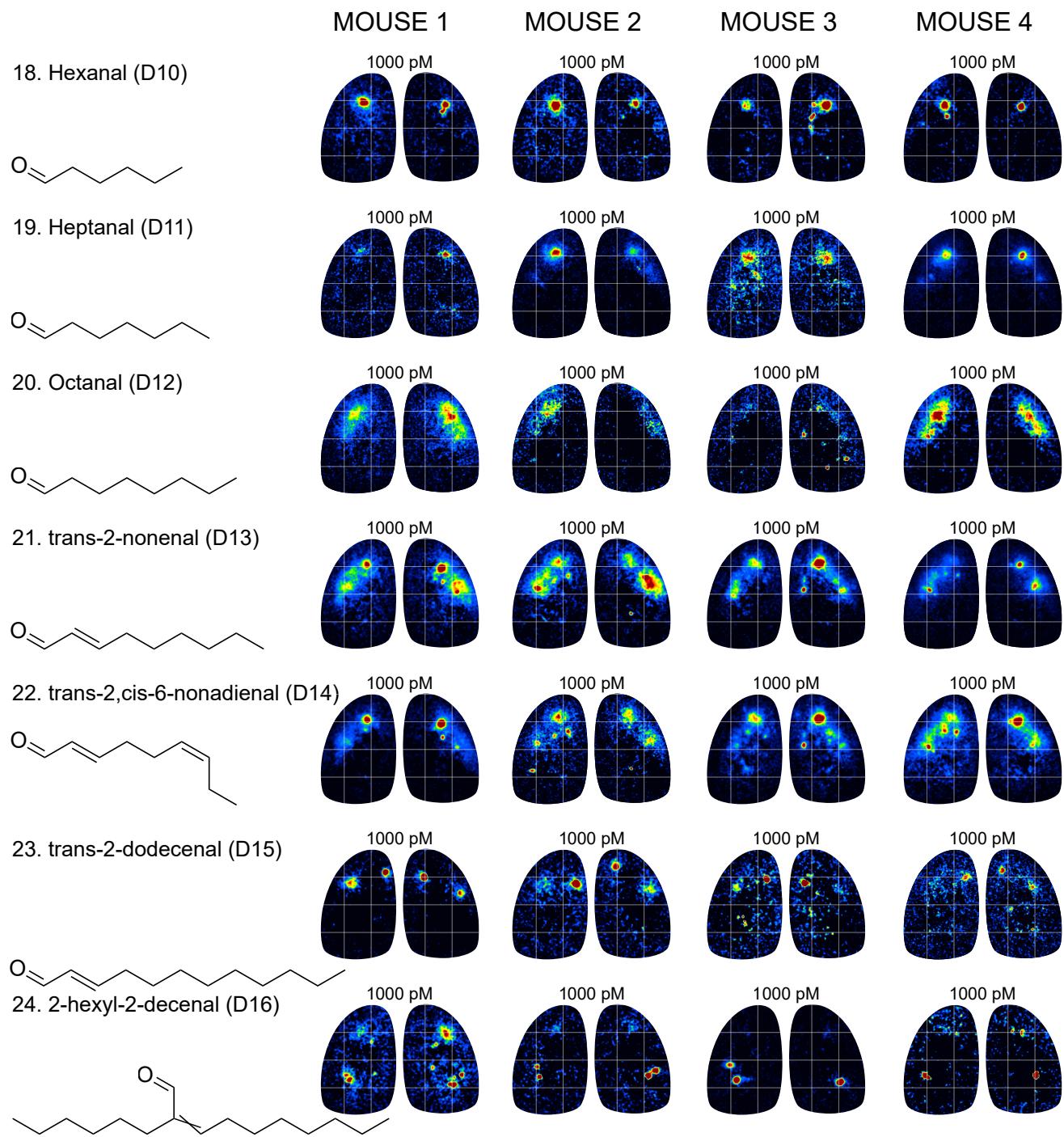
16. 2-methylvaleraldehyde (D8)



17. 2-methyl-2-pentenal (D9)



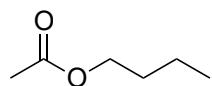
Aldehyde II



Ester

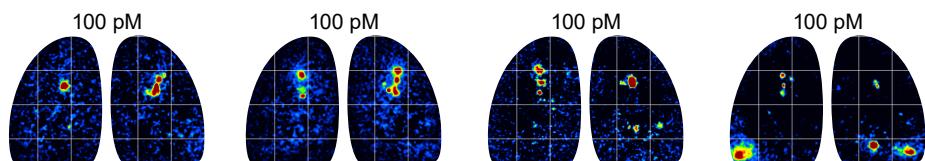
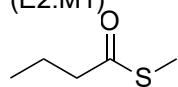
MOUSE 1 MOUSE 2 MOUSE 3 MOUSE 4

25. Butyl acetate (E1)

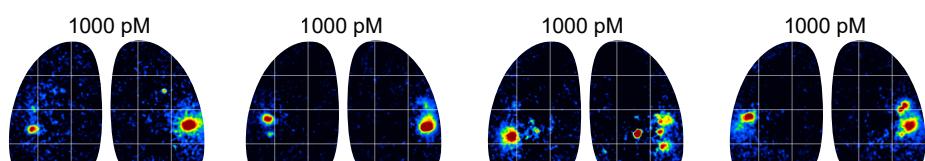
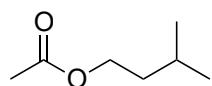


No Response at 1000 pM

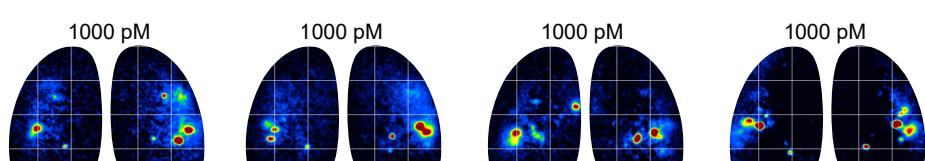
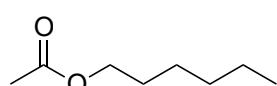
26. s-methyl thiobutanoate (E2.M1)



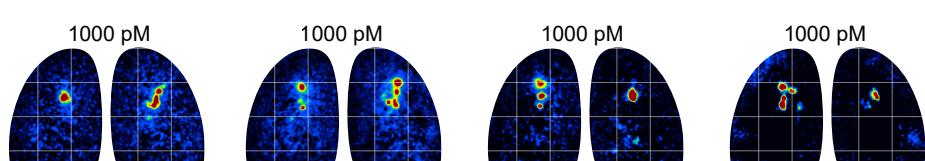
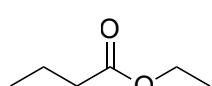
27. Isoamyl acetate (E3)



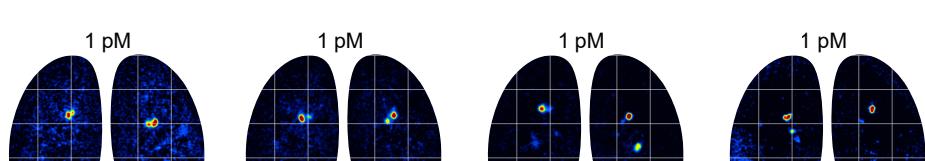
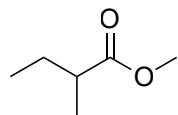
28. Hexyl acetate (E4)



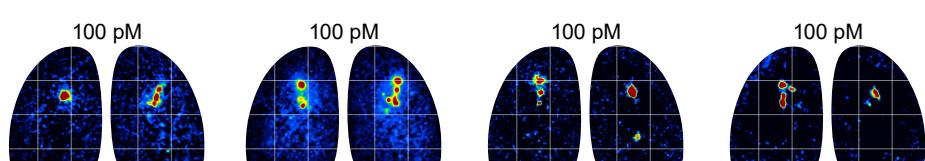
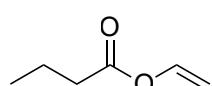
29. Ethyl butyrate (E5)



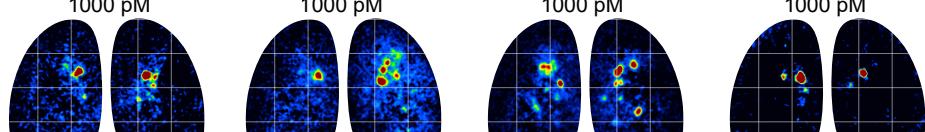
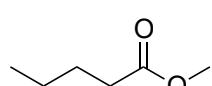
30. Methyl 2-methyl butyrate (E6)



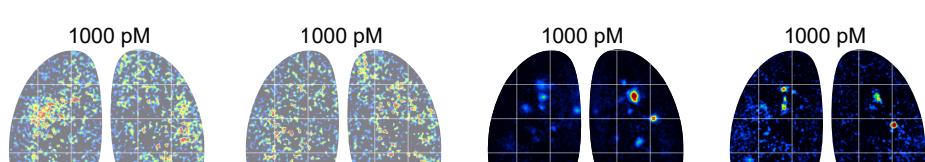
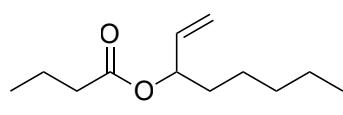
31. Vinyl butyrate (E7)



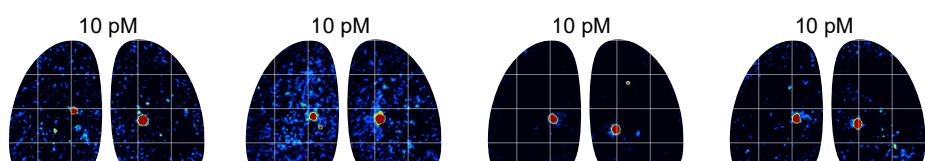
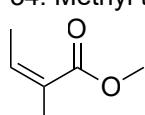
32. Methyl valerate (E8)



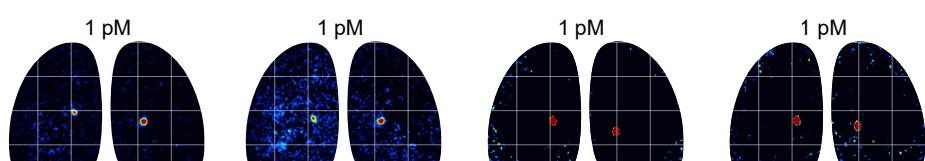
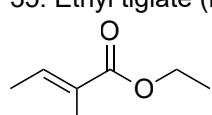
33. 1-octen-3-yl butyrate (E9)



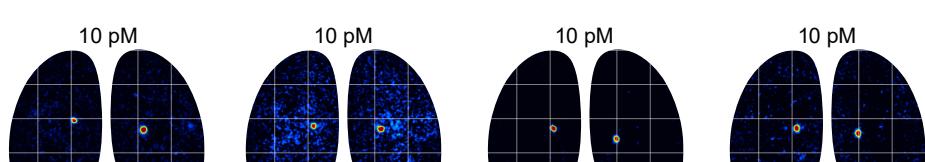
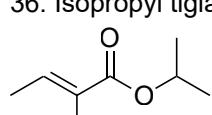
34. Methyl tiglate (E10)



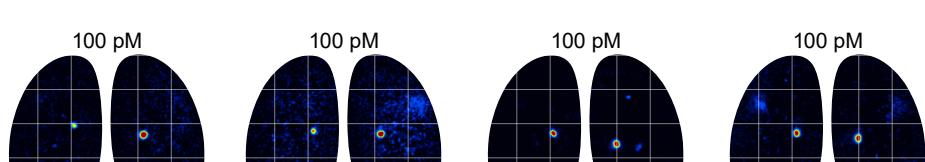
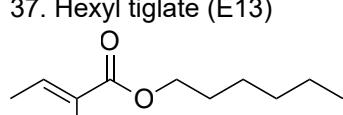
35. Ethyl tiglate (E11)



36. Isopropyl tiglate (E12)



37. Hexyl tiglate (E13)



Ketone

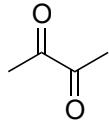
MOUSE 1

MOUSE 2

MOUSE 3

MOUSE 4

38. Diacetyl (K1)



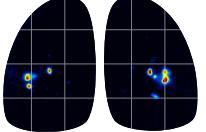
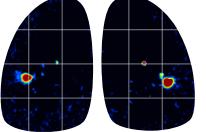
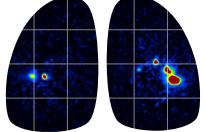
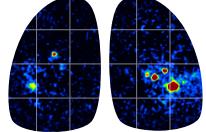
1000 pM

1000 pM

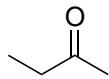
1000 pM

1000 pM

100 pM in back

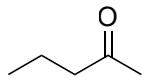


39. 2-butanone (K2)



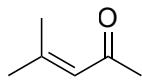
No Response at 1000 pM

40. 2-pentanone (K3)



No Response at 1000 pM

41. 4-methyl-3-penten-2-one (K4)

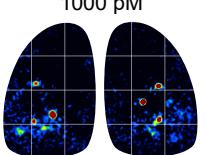
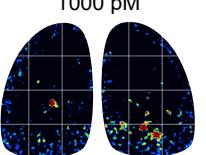
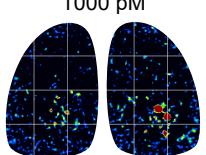
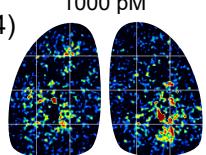


1000 pM

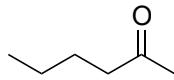
1000 pM

1000 pM

1000 pM



42. 2-hexanone (K5)

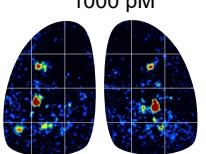
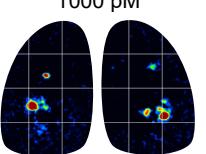
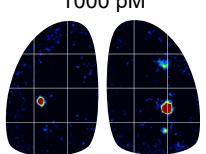
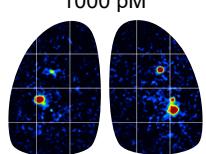


1000 pM

1000 pM

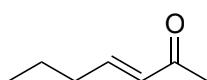
1000 pM

1000 pM



100 pM in back
1000 pM

43. 3-hepten-2-one (K6)

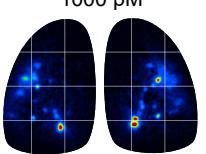
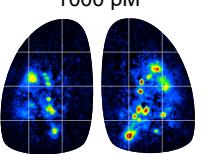
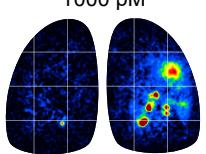
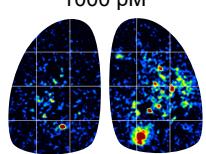


1000 pM

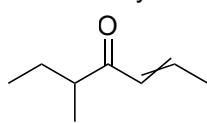
1000 pM

1000 pM

1000 pM



44. 5-methyl-2-hepten-4-one (K7)

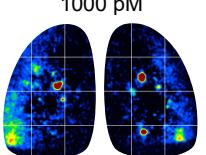
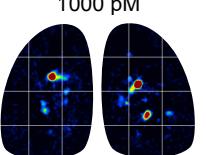
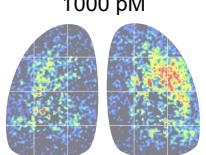
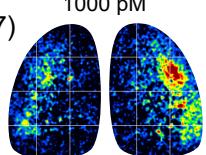


1000 pM

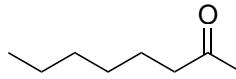
1000 pM

1000 pM

1000 pM



45. 2-octanone (K8)

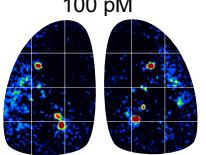
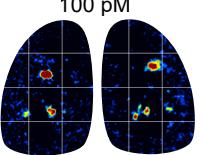
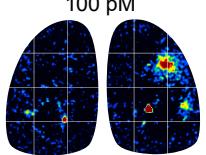
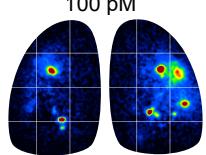


100 pM

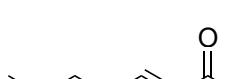
100 pM

100 pM

100 pM



46. 3-octen-2-one (K9)

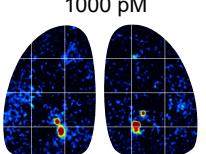
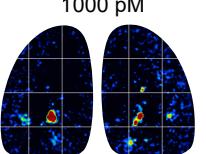
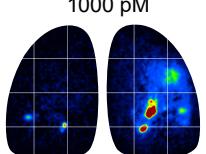
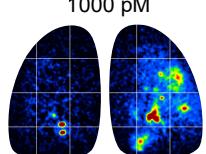


1000 pM

1000 pM

1000 pM

1000 pM



47. 2-nonenone (K10)

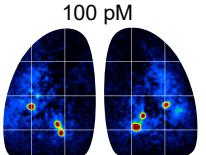
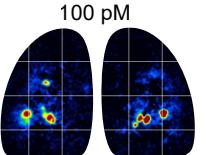
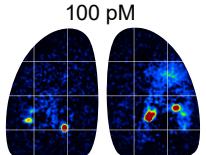
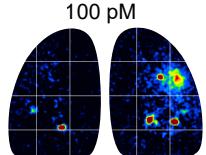


100 pM

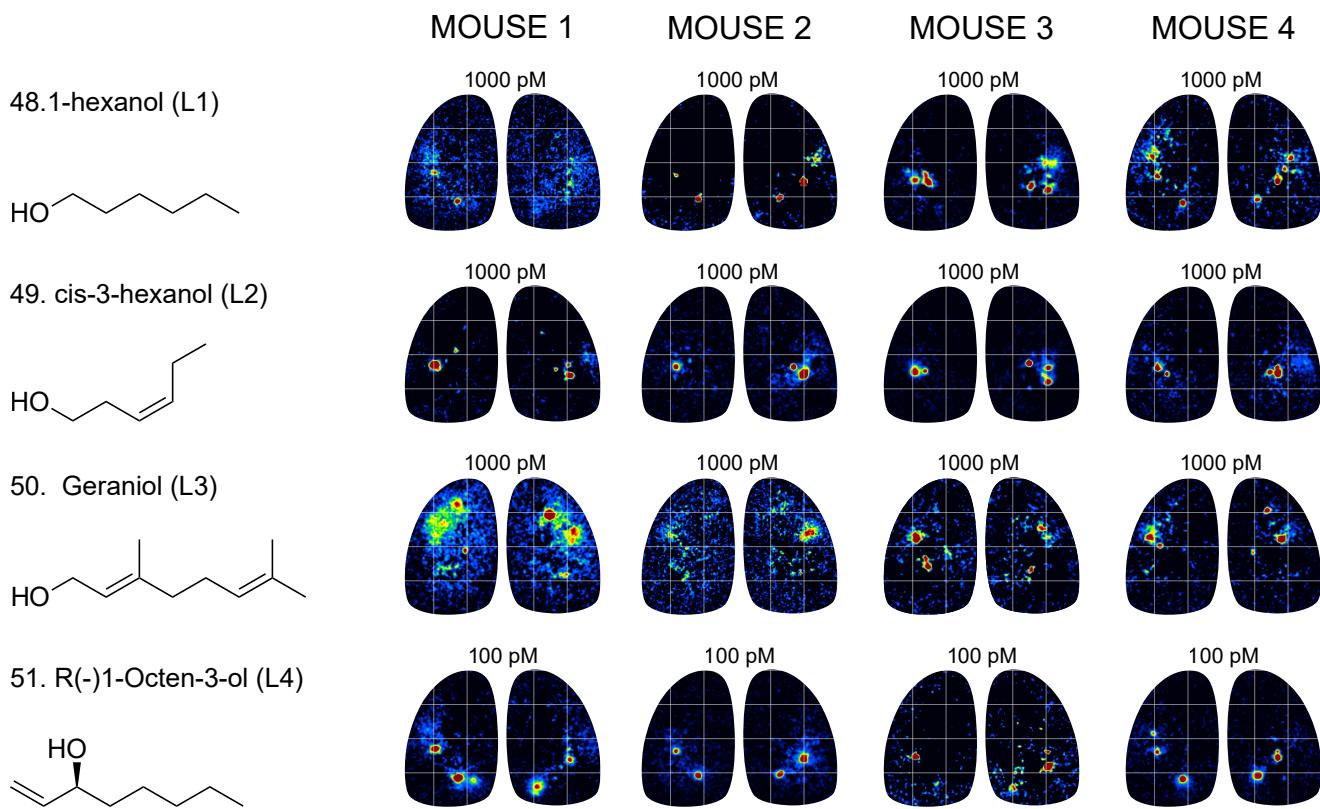
100 pM

100 pM

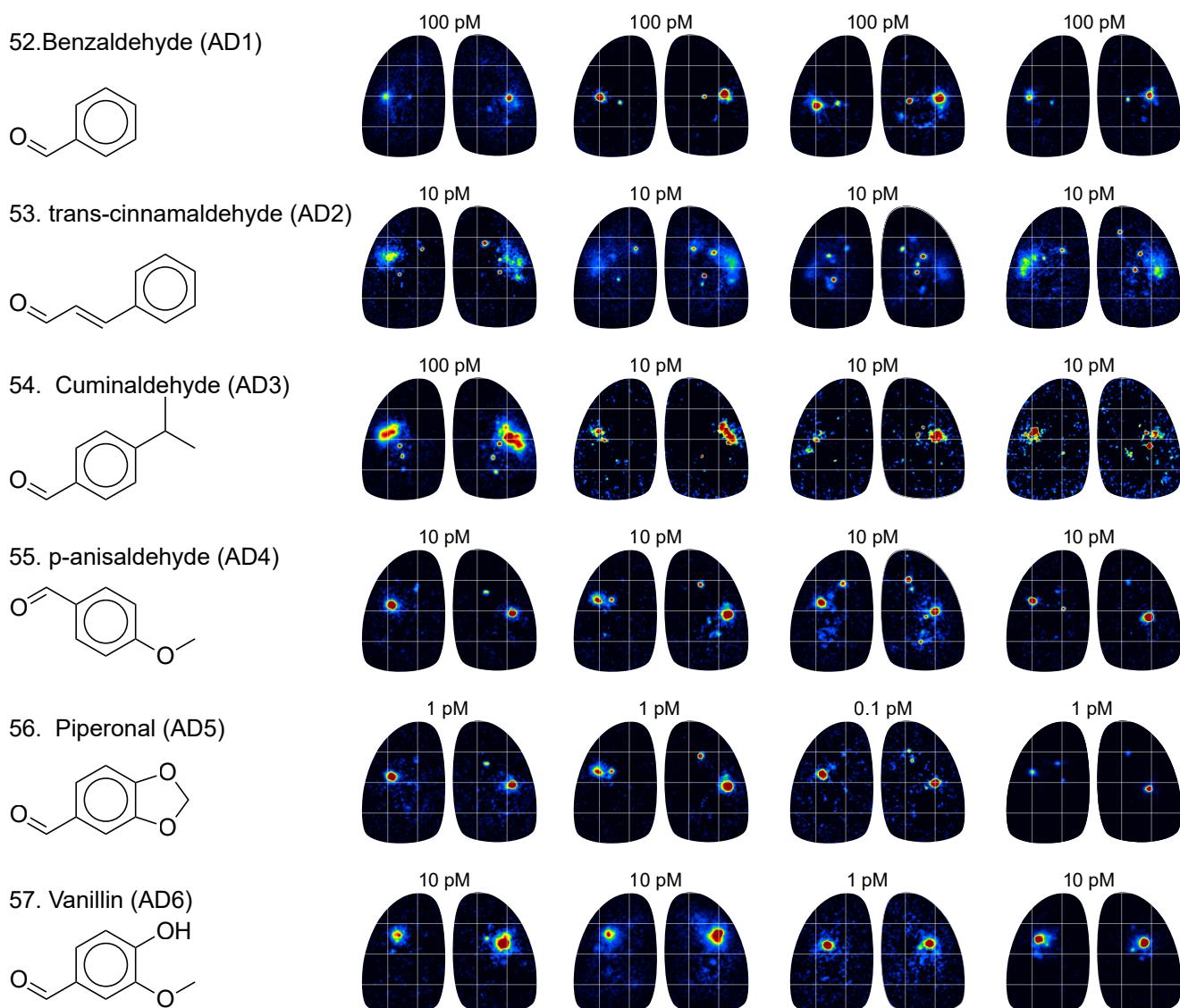
100 pM



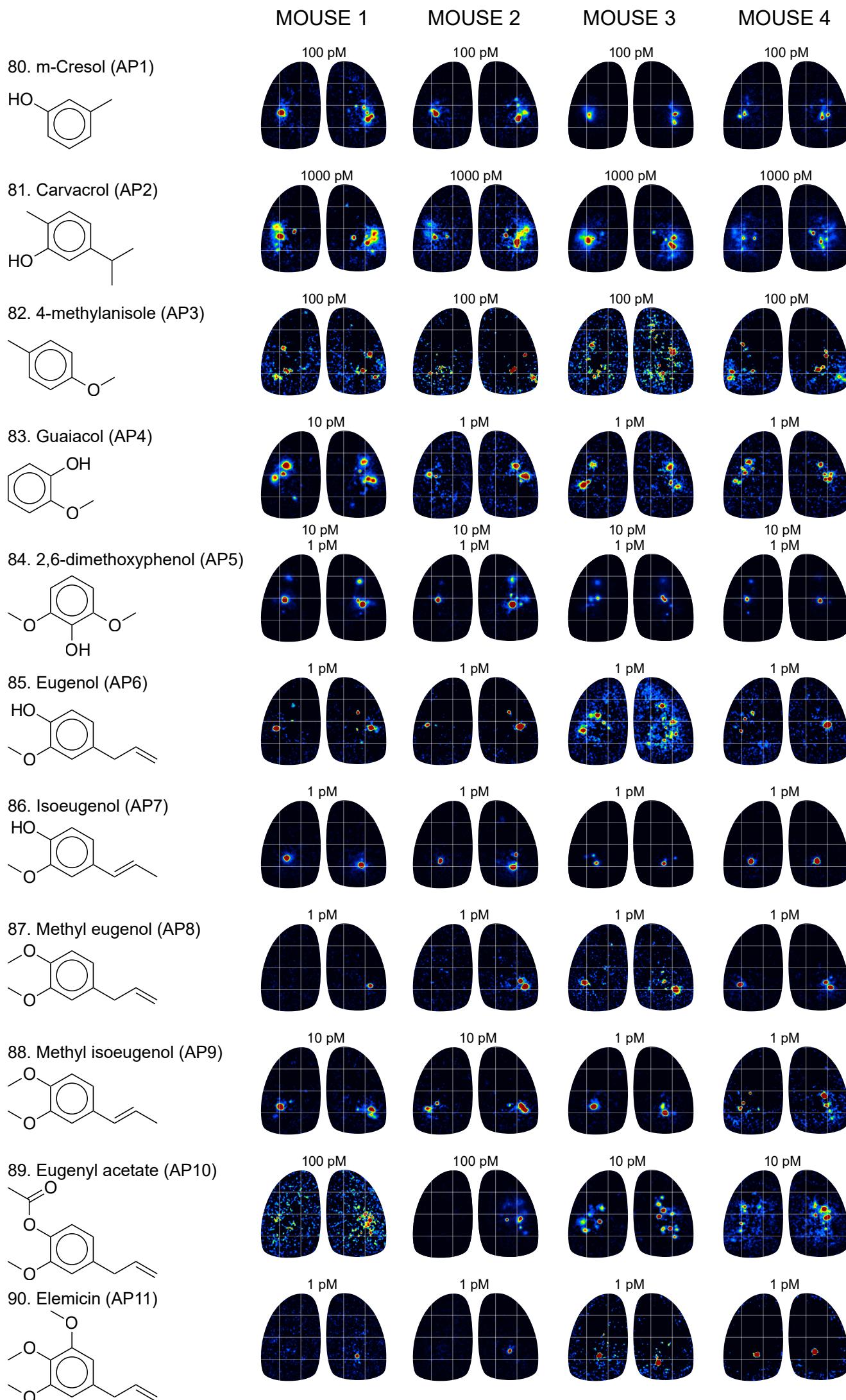
Alcohol



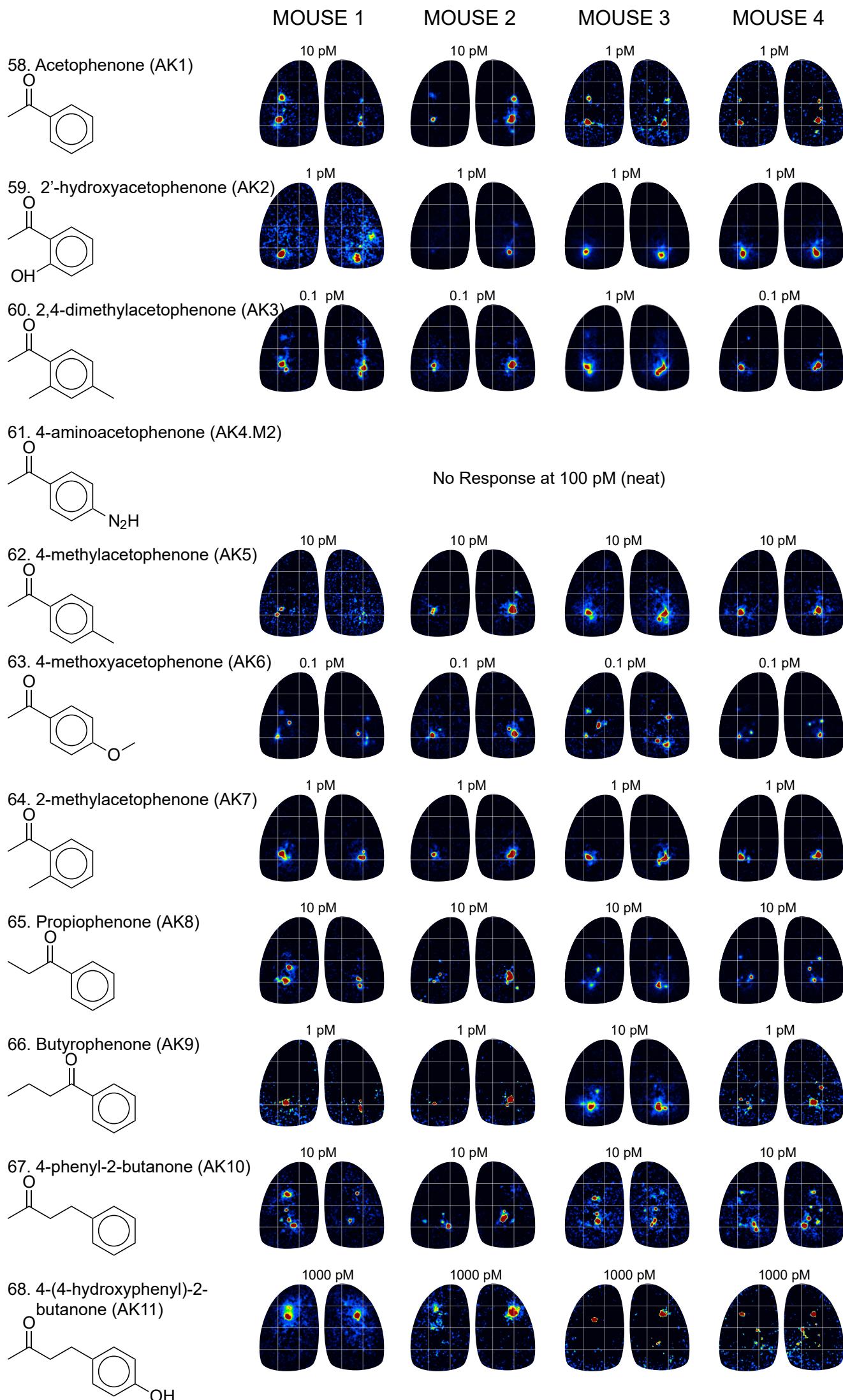
Aromatic Aldehyde



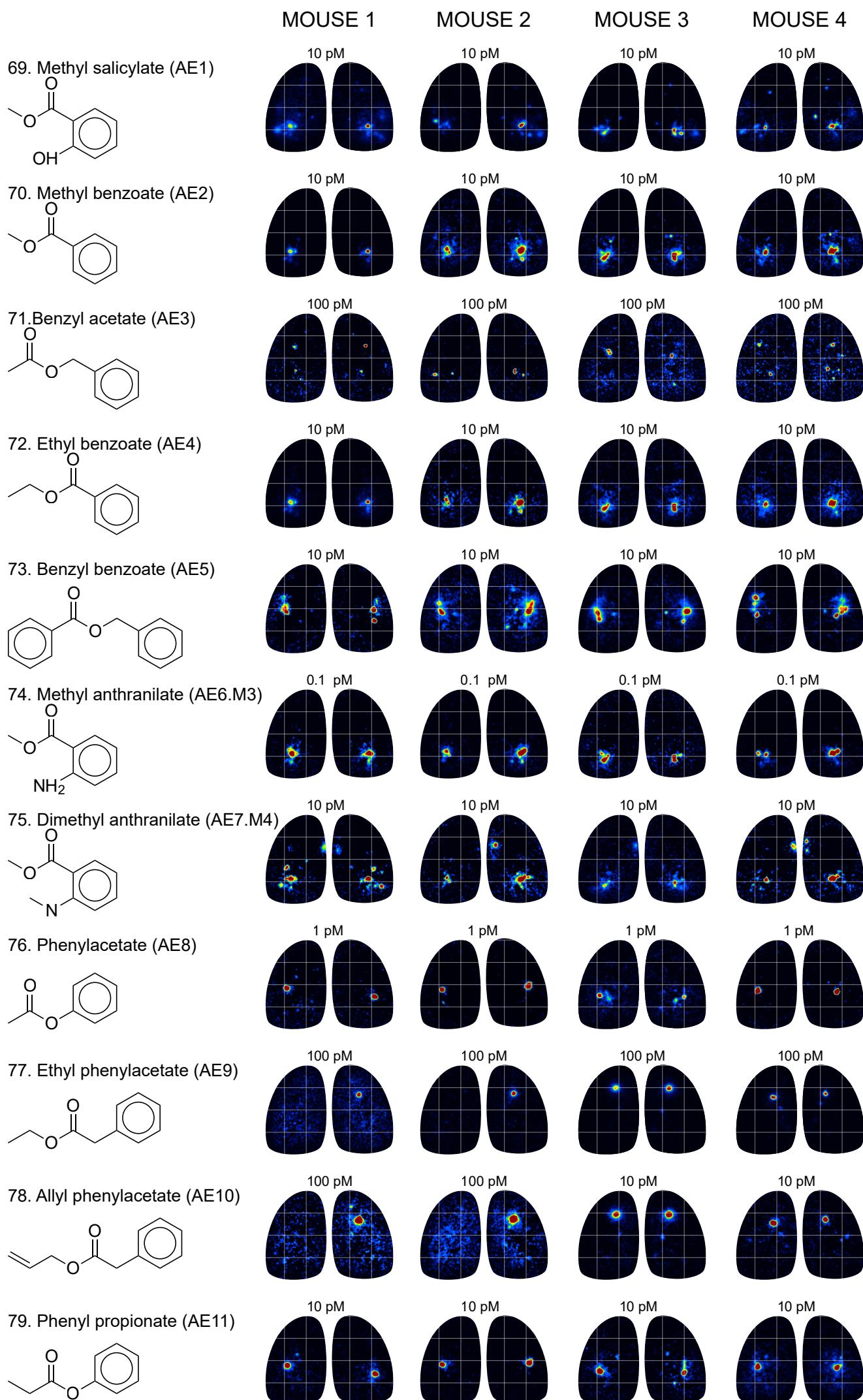
Aromatic Phenol/Methoxy



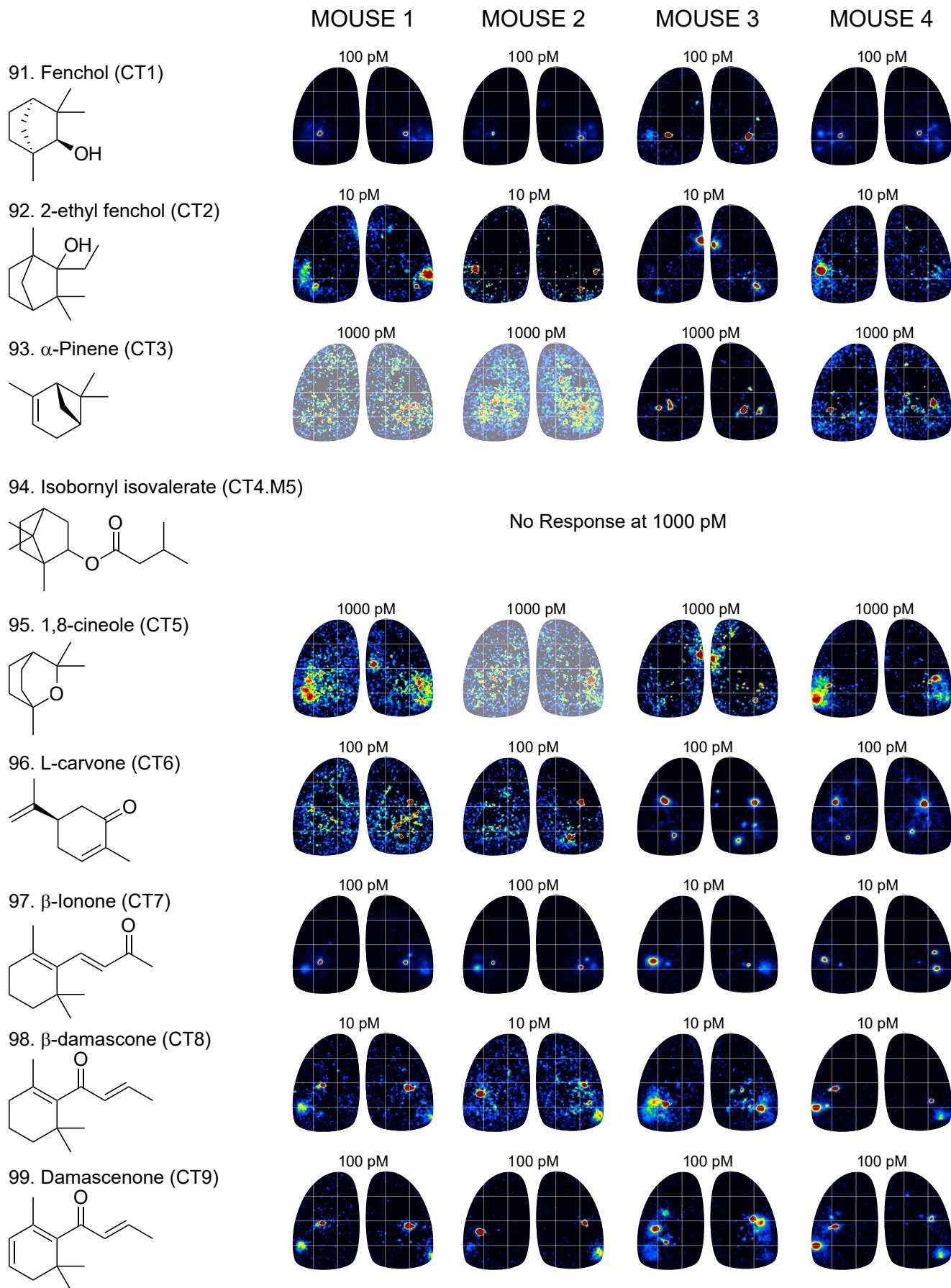
Aromatic Ketone



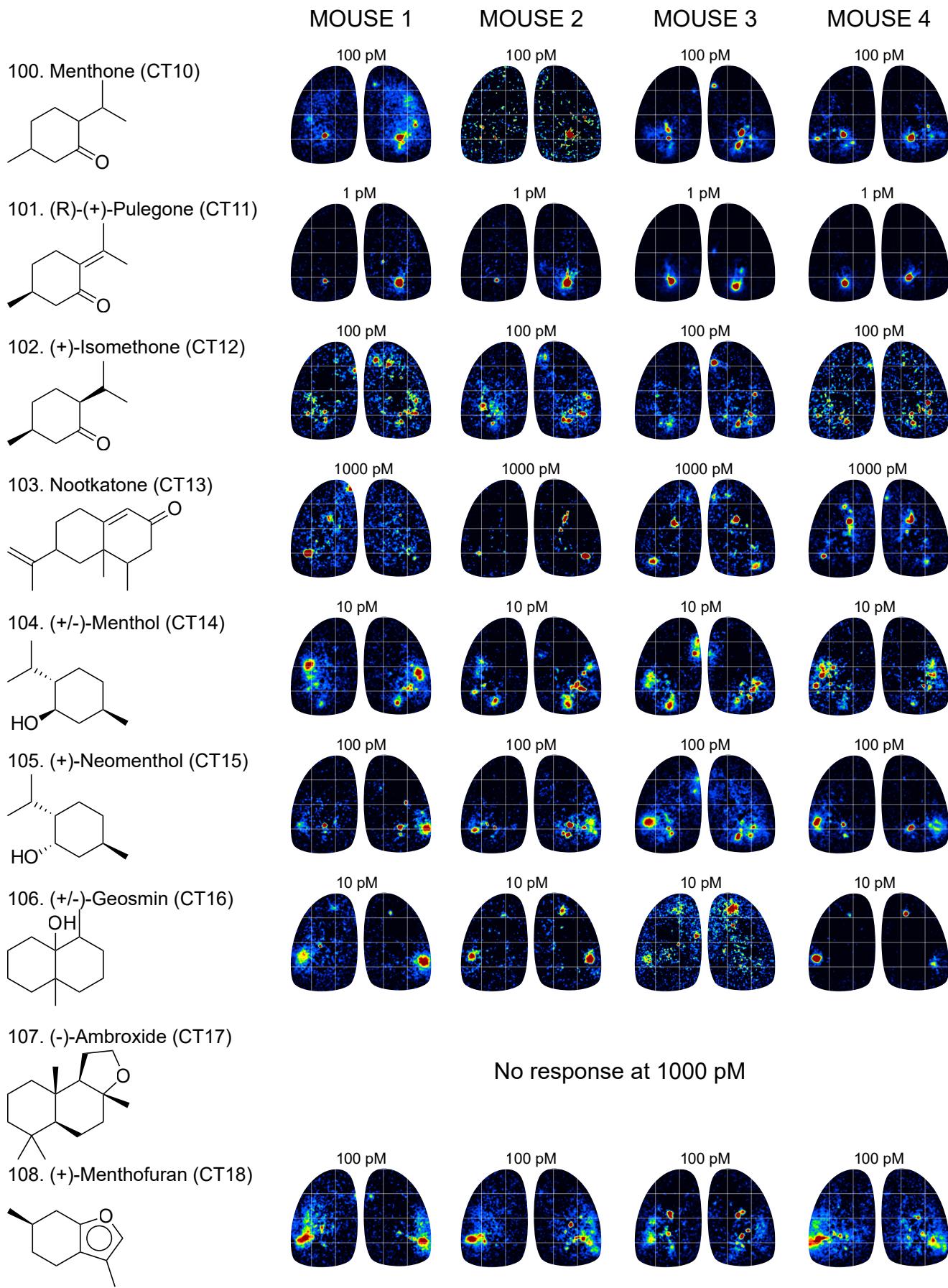
Aromatic Ester



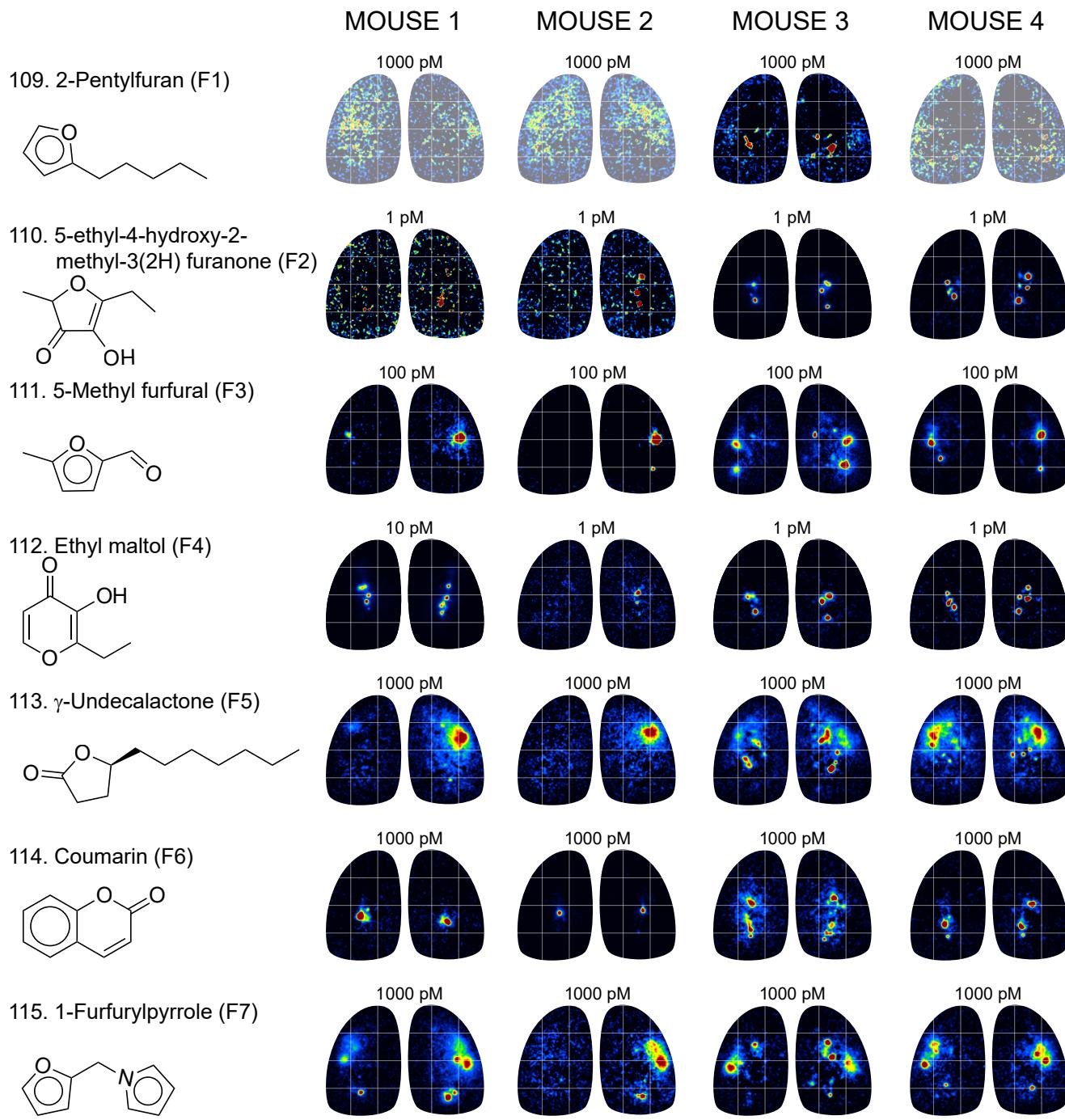
Cyclic Terpenoid I



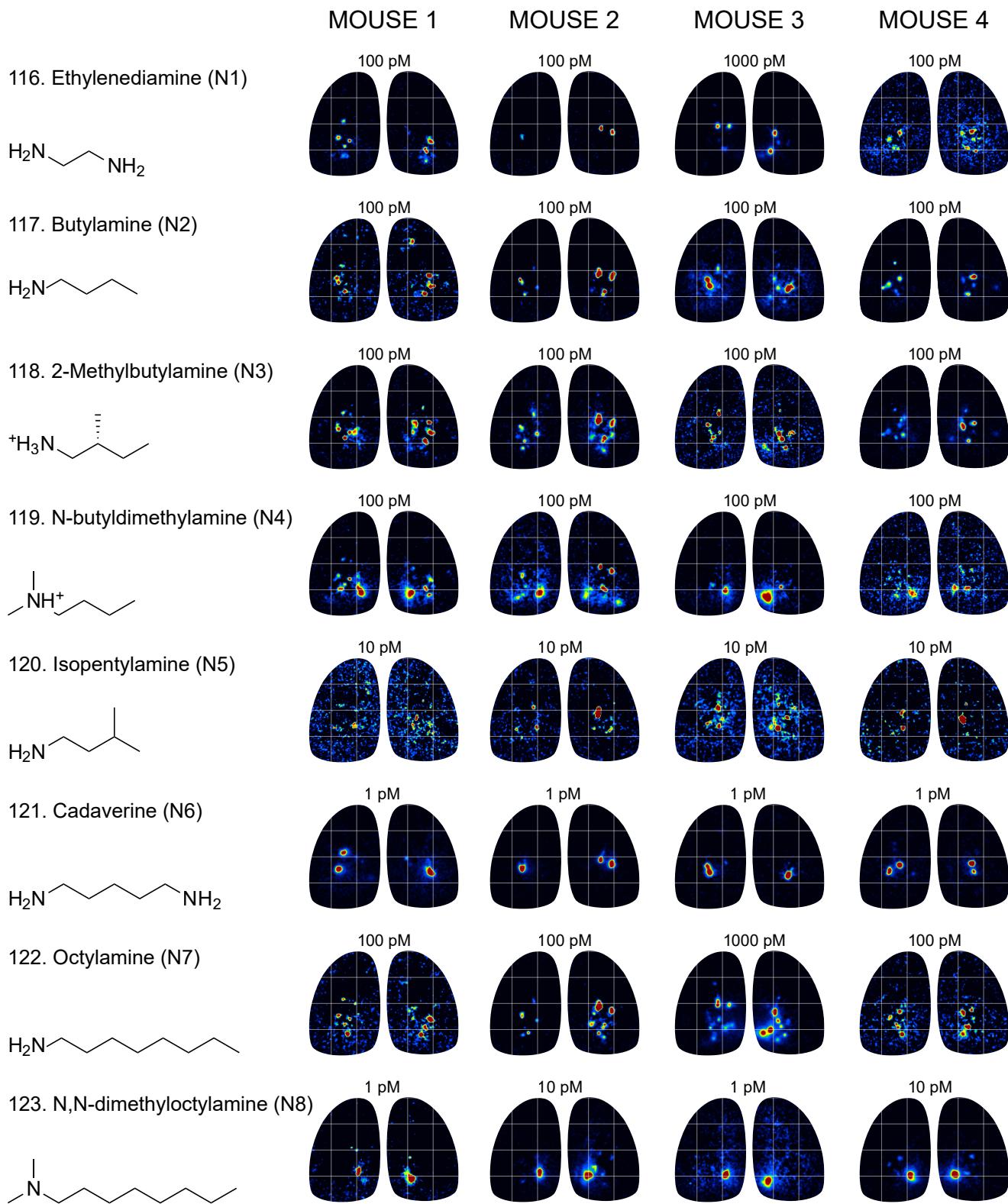
Cyclic Terpenoid II



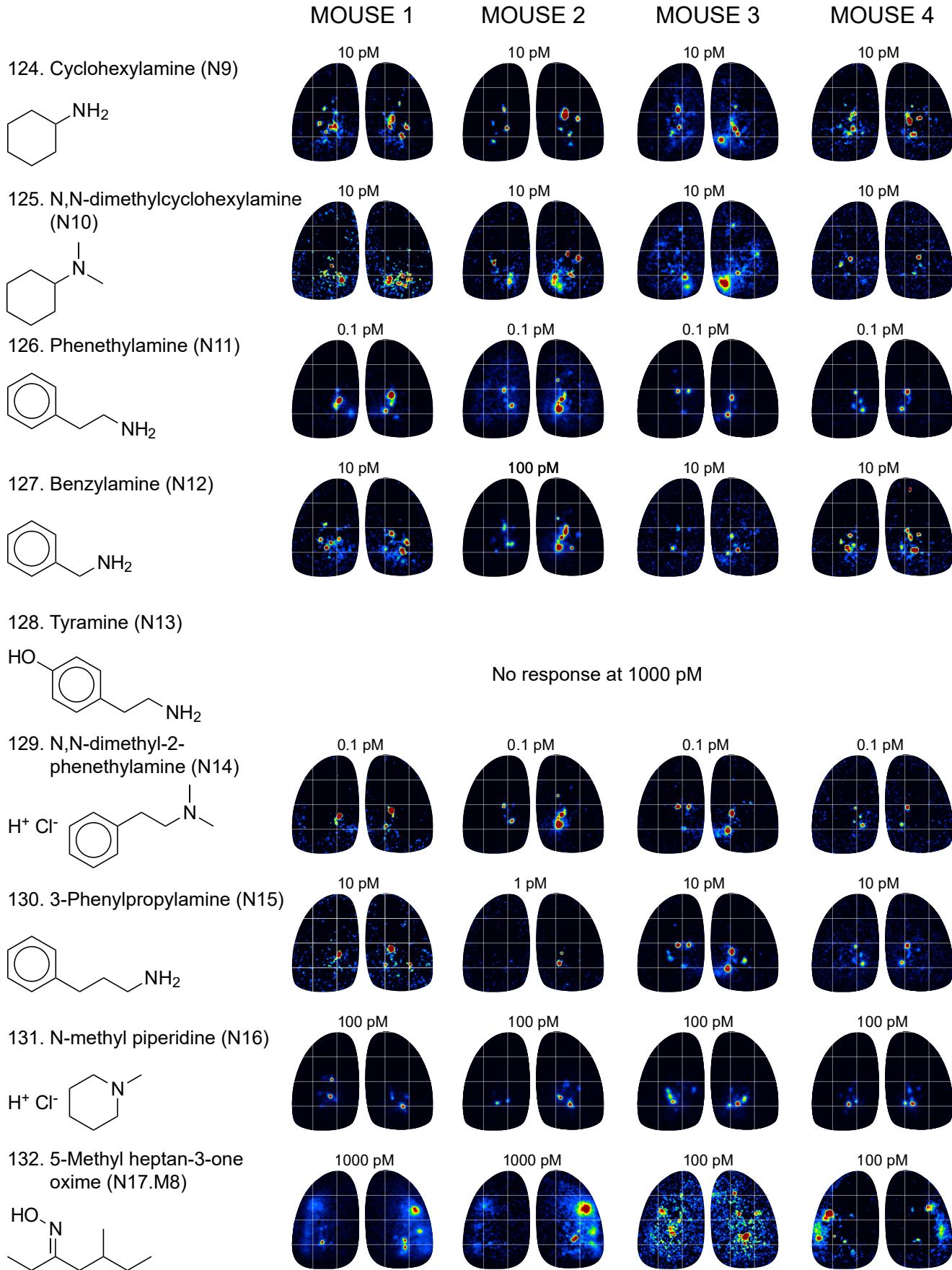
Furan/Pyrone/Lactone



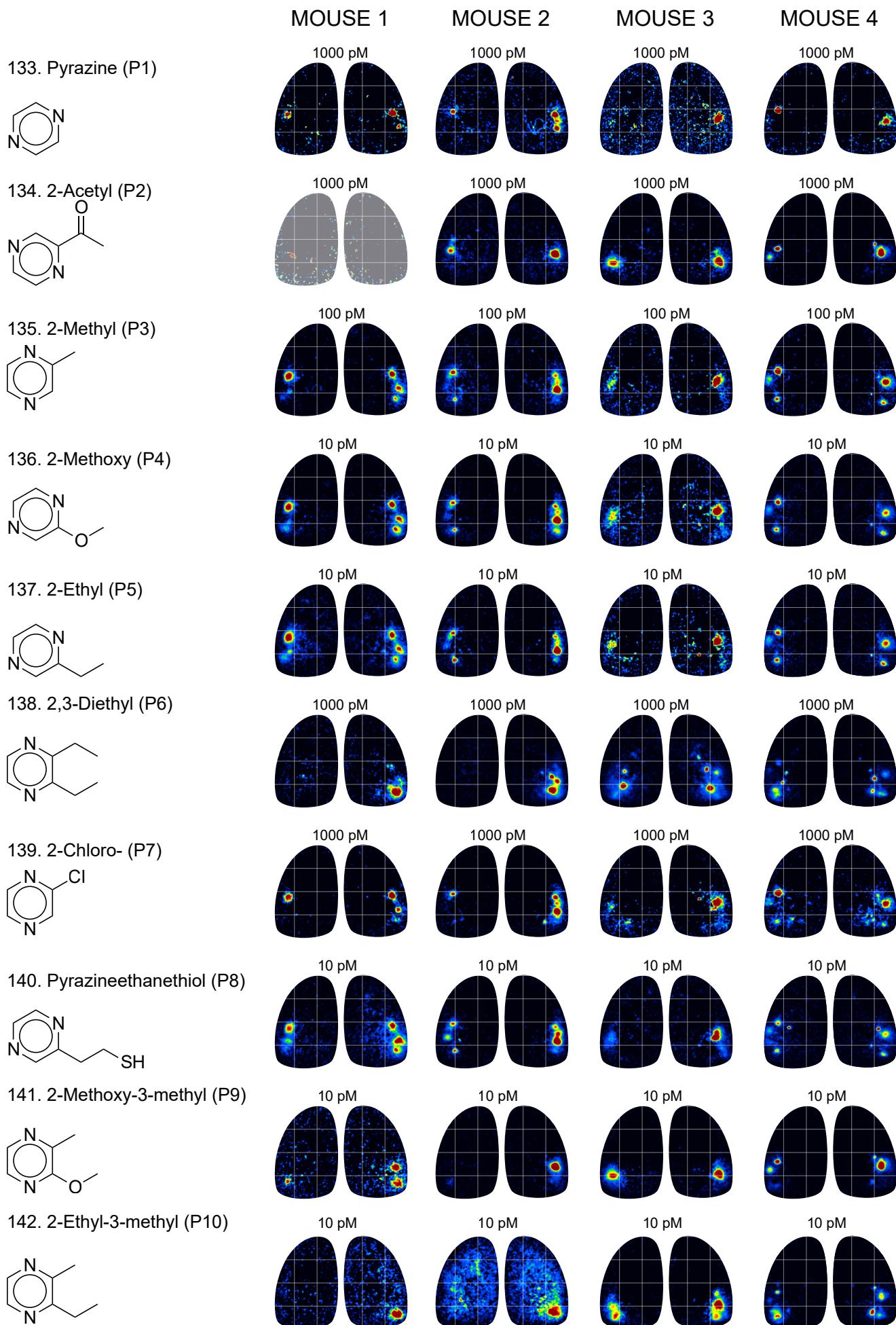
Amine I



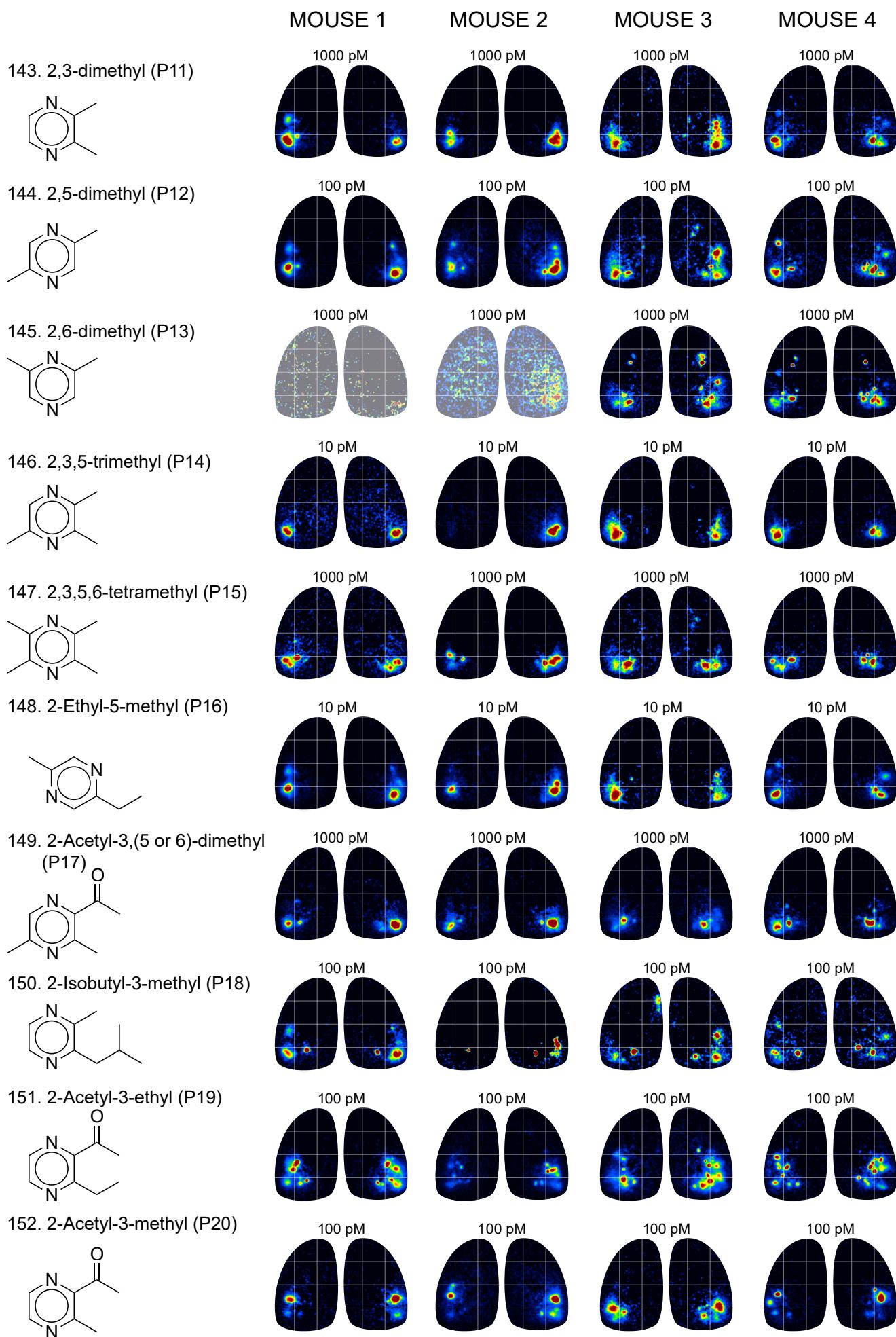
Amine II



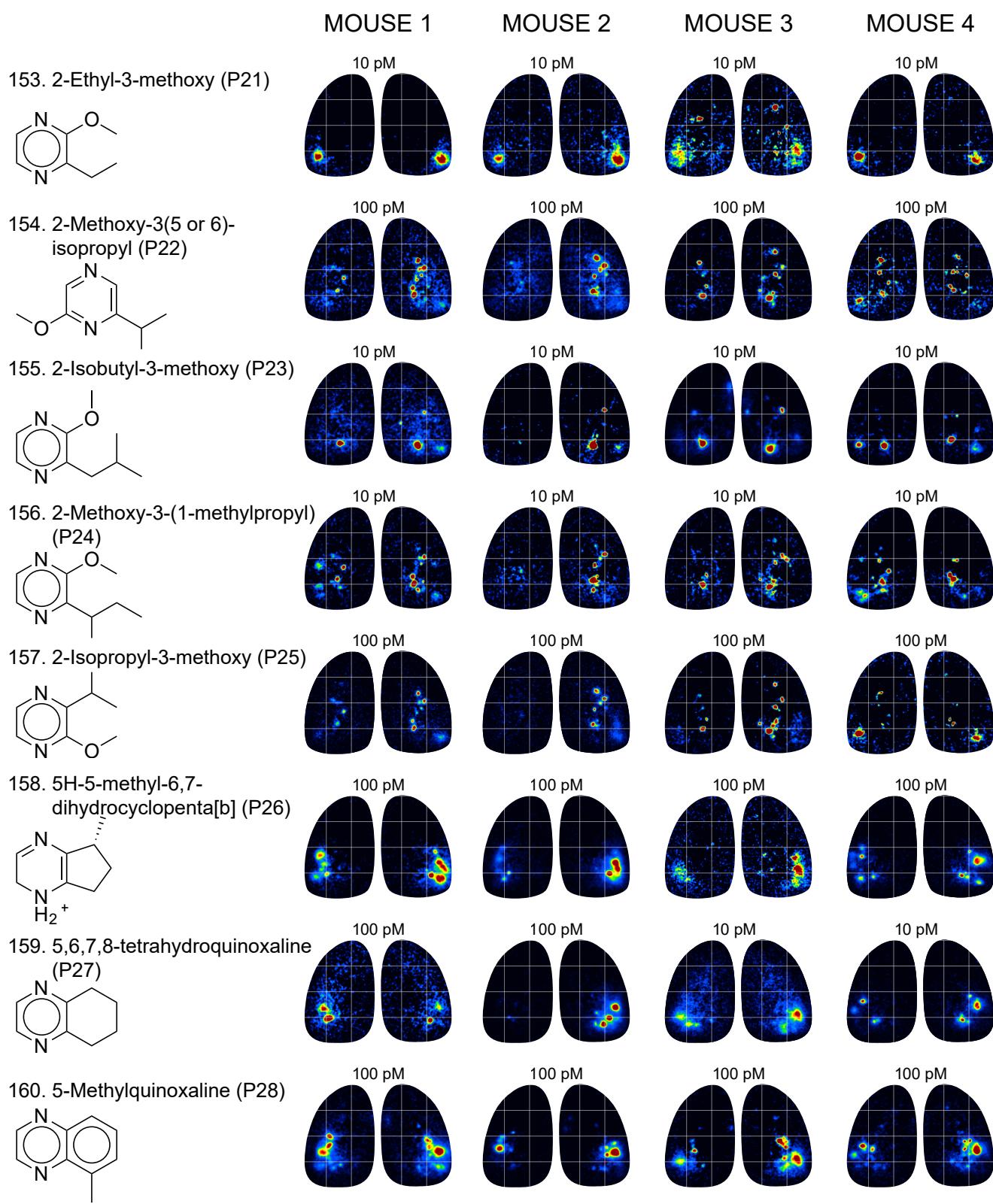
Pyrazine I



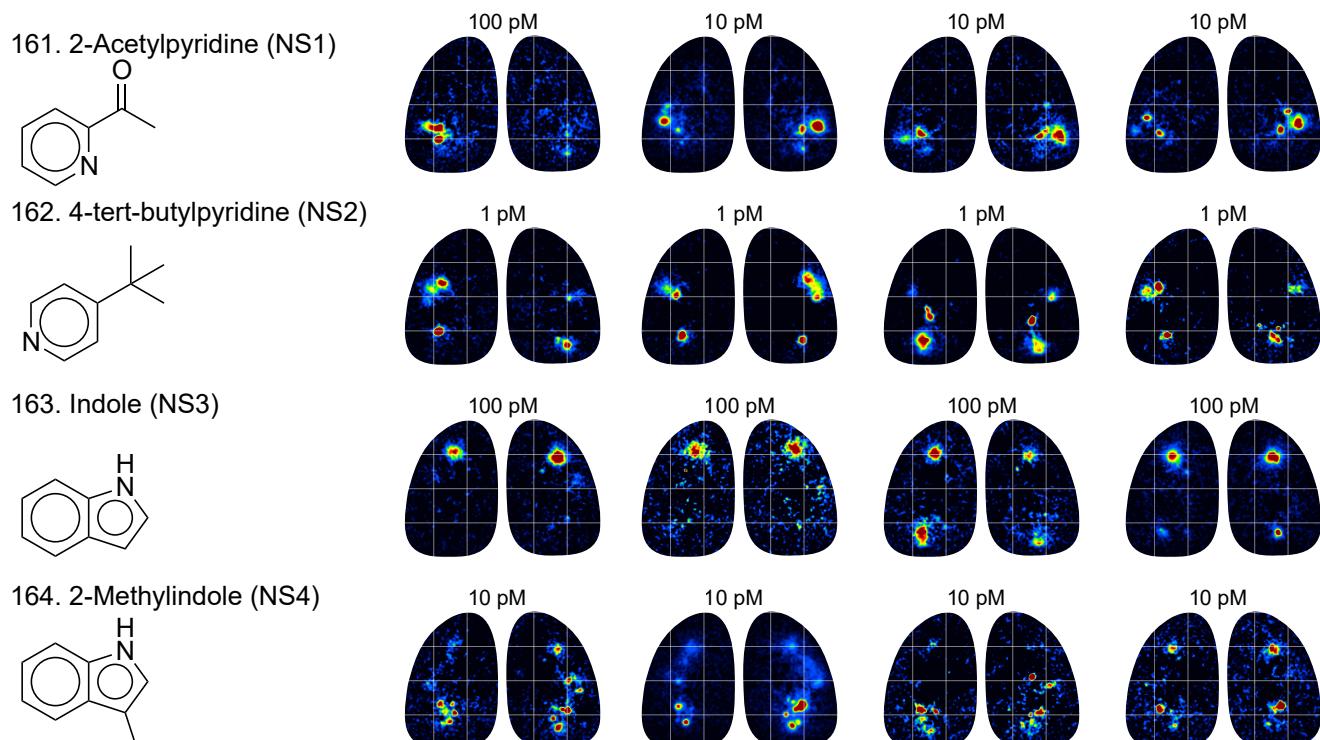
Pyrazine II



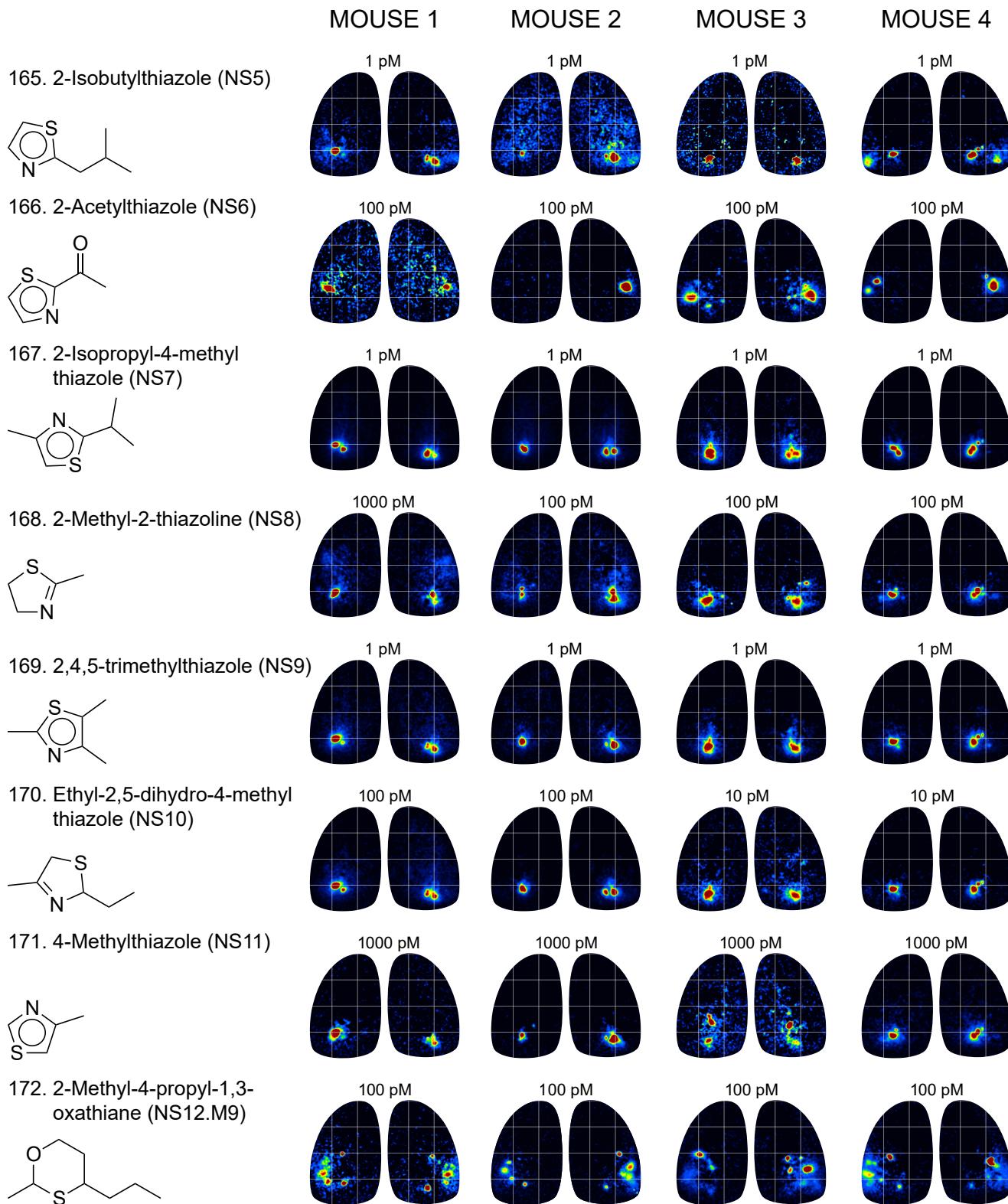
Pyrazine III



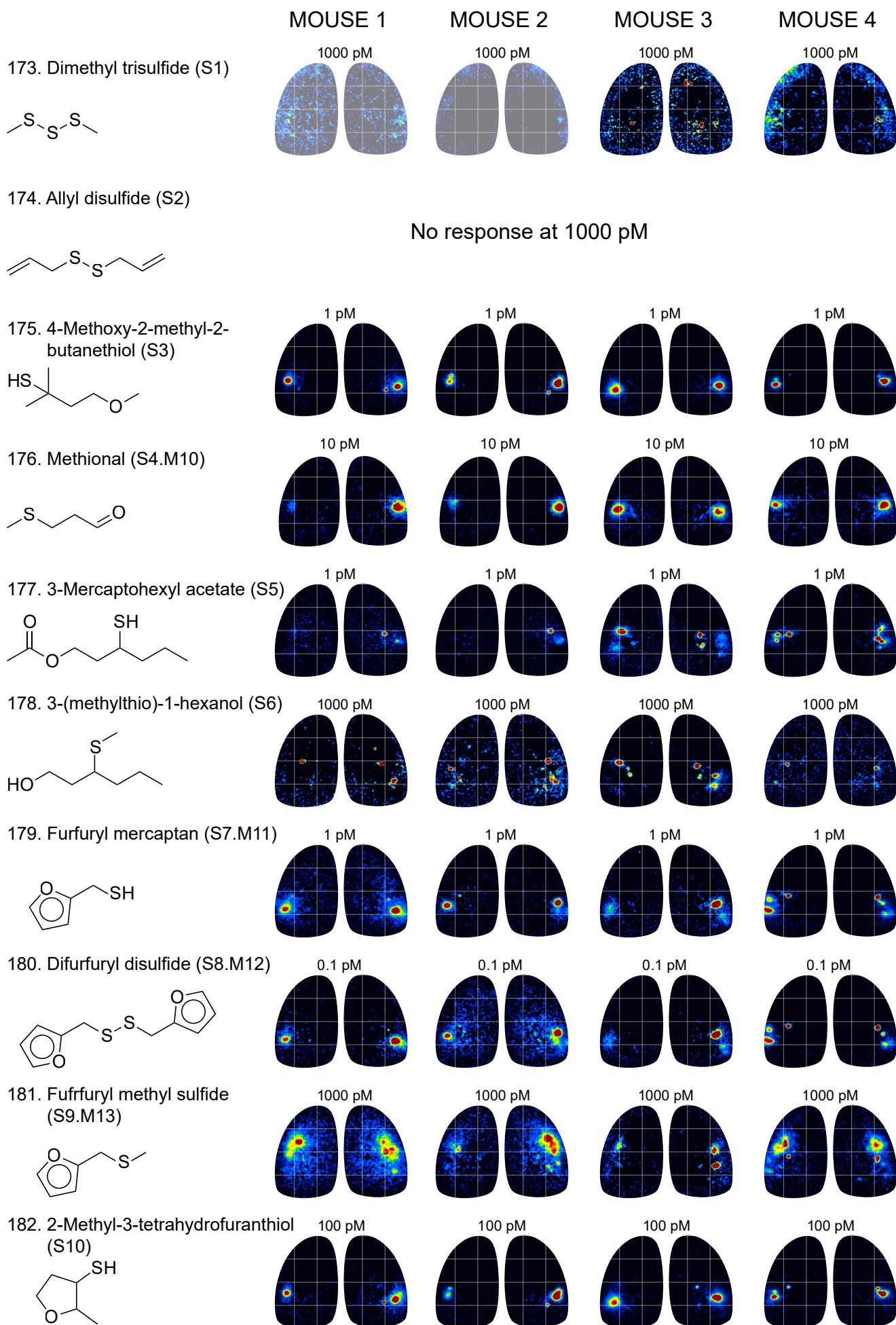
Pyrrole/Pyridine



Thiazole/Thiane



Sulfide/Thiol



Alkene

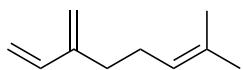
MOUSE 1

MOUSE 2

MOUSE 3

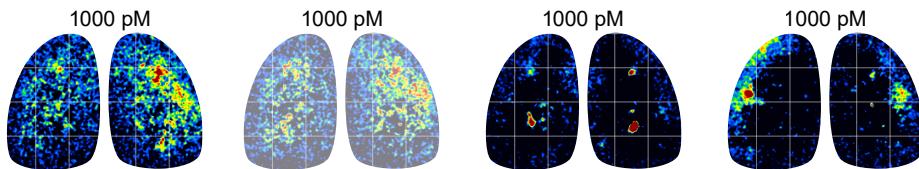
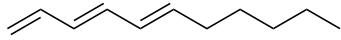
MOUSE 4

183. Myrcene (ENE1)

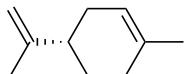


No response at 1000 pM

184. 1,3,5-Undecatriene (ENE2)



185. (R)-+ -limonene (ENE3)



No response at 1000 pM