

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050259.D
 Acq On : 10 Jun 2025 02:12
 Operator : RC/JU
 Sample : Q2260-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 02:46:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

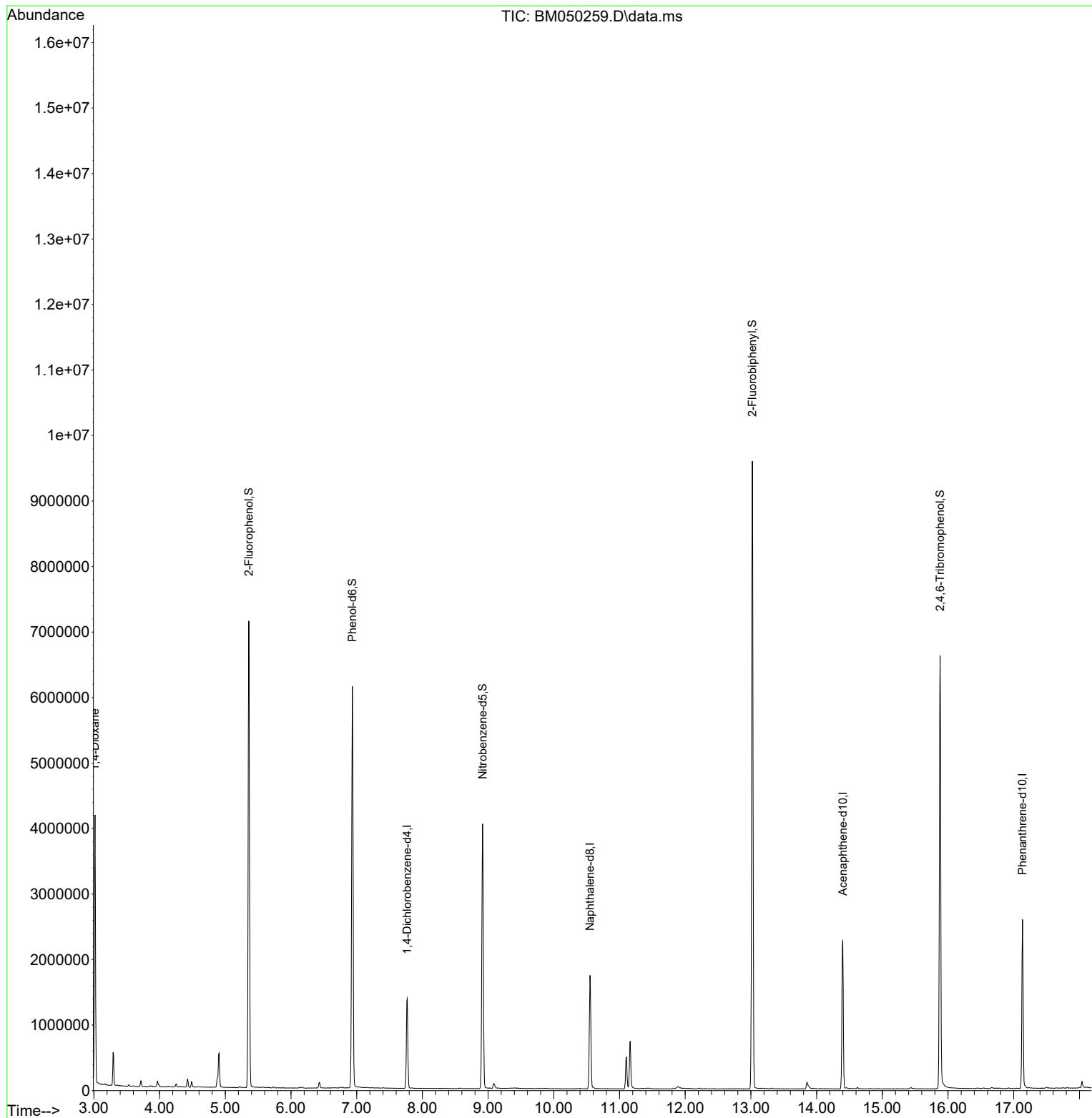
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	381618	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1435649	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	781255	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1399416	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1250695	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1291609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3340207	146.008	ng	0.00
7) Phenol-d6	6.934	99	3987283	132.401	ng	0.00
23) Nitrobenzene-d5	8.916	82	2571284	93.148	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1228902	138.293	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4873058	84.446	ng	0.00
79) Terphenyl-d14	19.762	244	5988537	90.737	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.016	88	28654	2.857	ng	Qvalue # 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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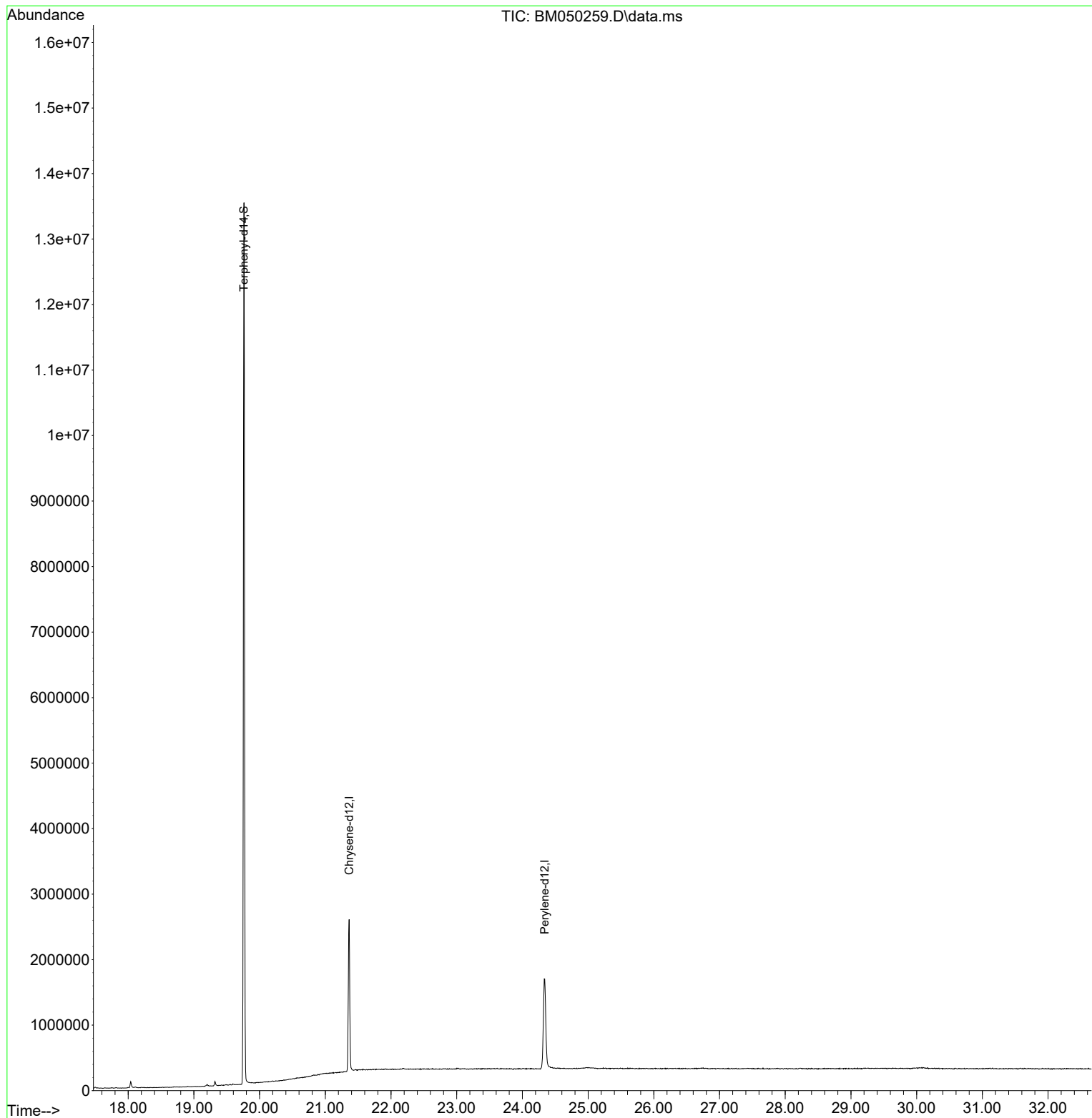
Quant Time: Jun 10 02:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
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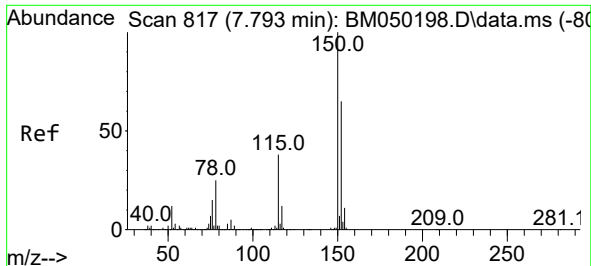


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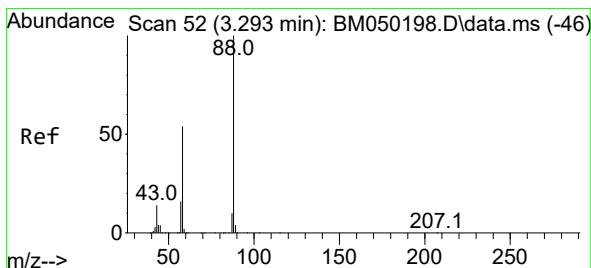
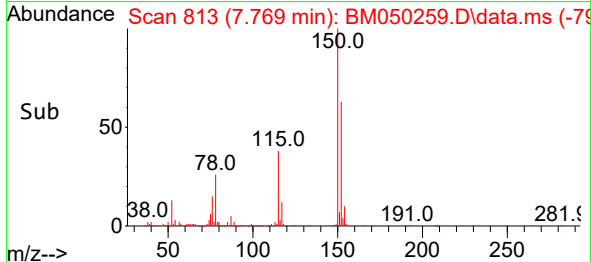
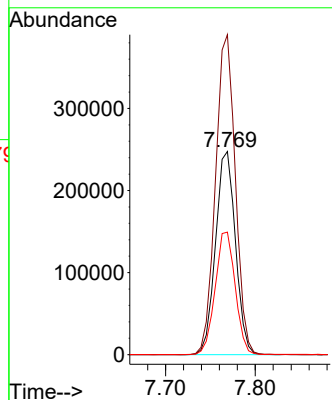
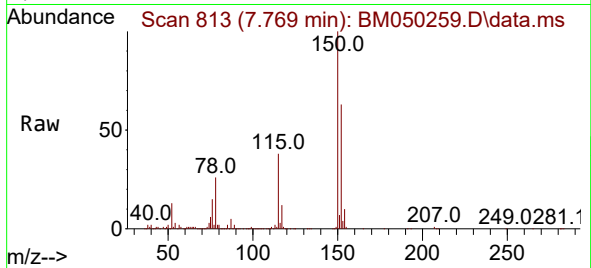




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM050259.D
 Acq: 10 Jun 2025 02:12

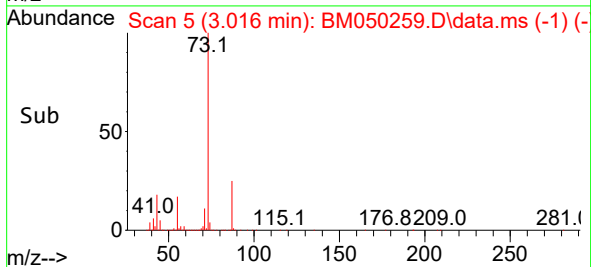
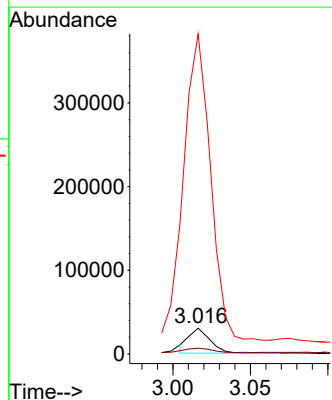
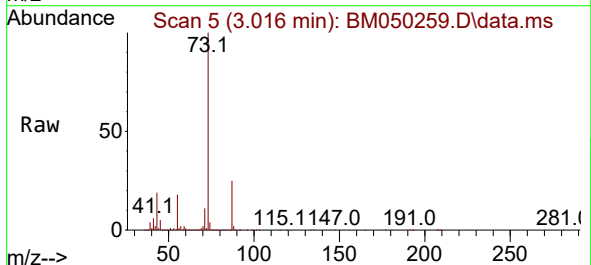
Instrument :
 BNA_M
 ClientSampleId :

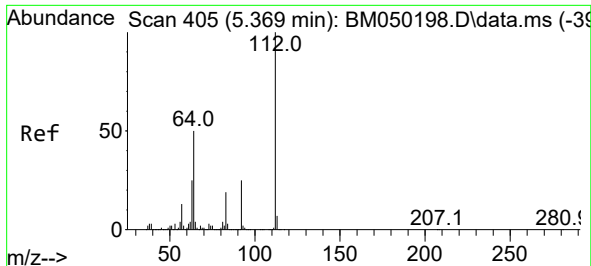
Tgt Ion:152 Resp: 381618
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.2 183.4
 115 60.4 46.3 69.5



#2
 1,4-Dioxane
 Concen: 2.857 ng
 RT: 3.016 min Scan# 5
 Delta R.T. -0.265 min
 Lab File: BM050259.D
 Acq: 10 Jun 2025 02:12

Tgt Ion: 88 Resp: 28654
 Ion Ratio Lower Upper
 88 100
 58 20.0 42.9 64.3#
 43 1311.7 11.0 16.6#

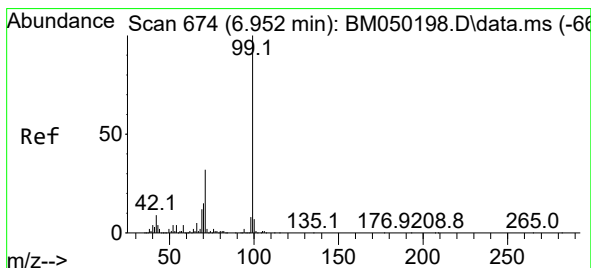
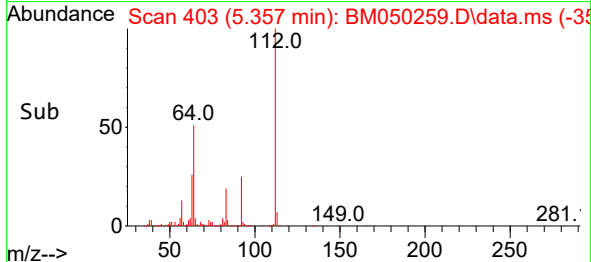
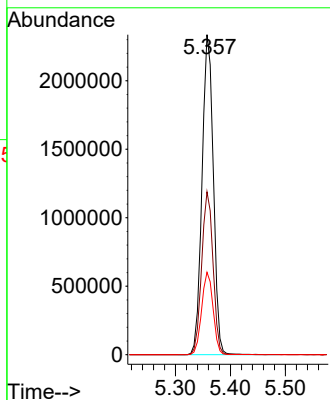
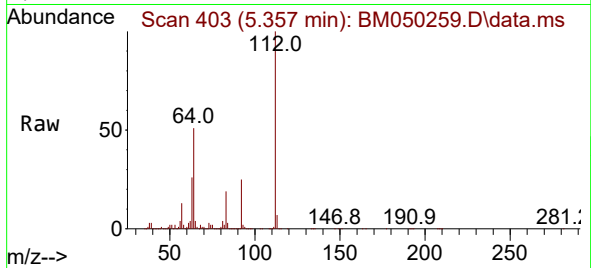




#5
2-Fluorophenol
Concen: 146.008 ng
RT: 5.357 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM050259.D
Acq: 10 Jun 2025 02:12

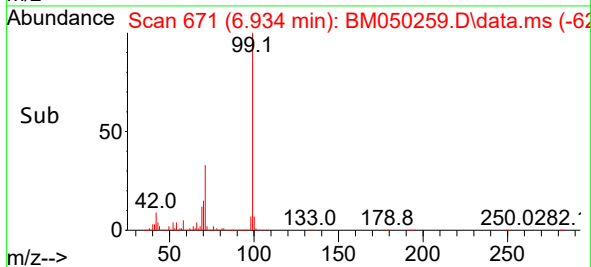
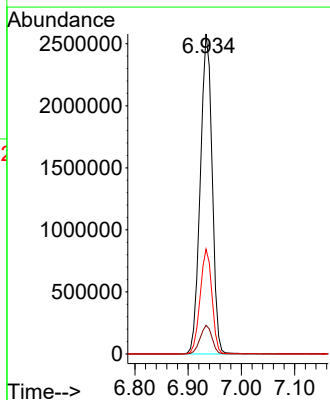
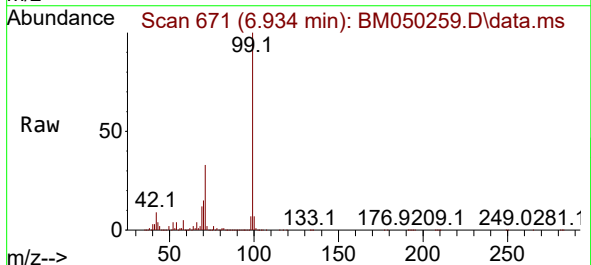
Instrument :
BNA_M
ClientSampleId :

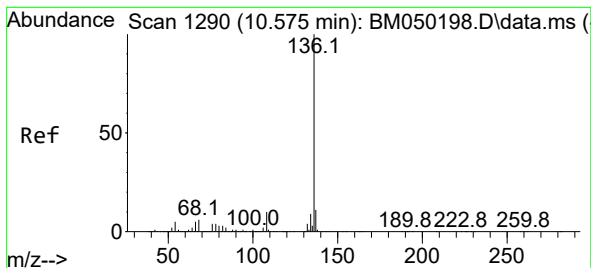
Tgt Ion:112 Resp: 3340207
Ion Ratio Lower Upper
112 100
64 50.9 39.8 59.6
63 25.7 19.8 29.8



#7
Phenol-d6
Concen: 132.401 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM050259.D
Acq: 10 Jun 2025 02:12

Tgt Ion: 99 Resp: 3987283
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.8 25.3 37.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.551 min Scan# 11

Delta R.T. -0.006 min

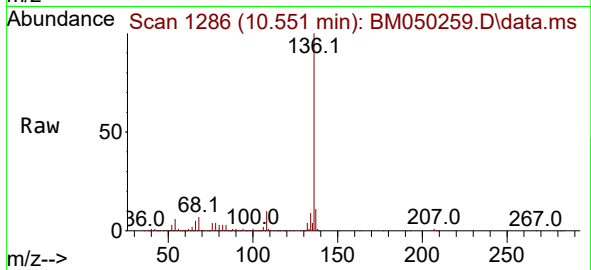
Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:136 Resp: 1435649

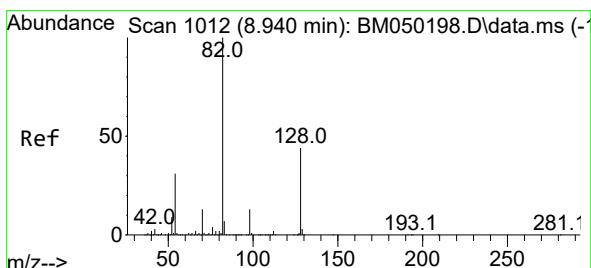
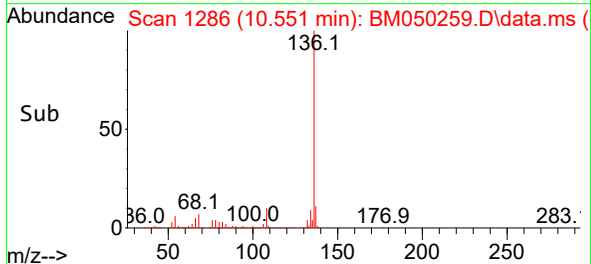
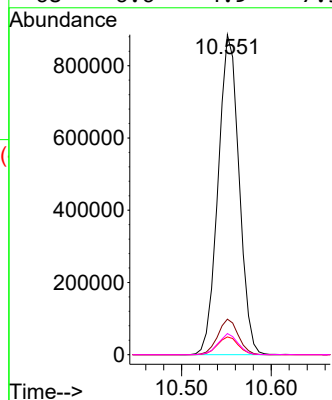
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.6 3.8 5.8

68 6.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 93.148 ng

RT: 8.916 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

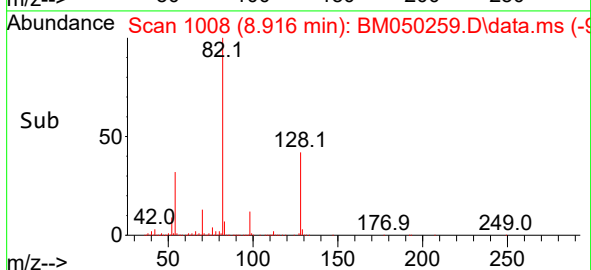
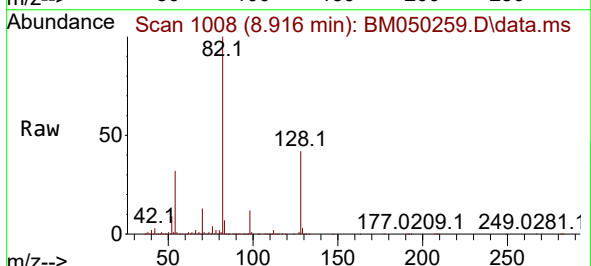
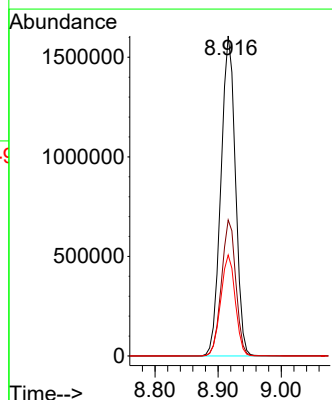
Tgt Ion: 82 Resp: 2571284

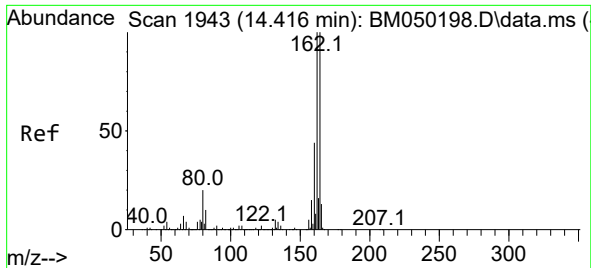
Ion Ratio Lower Upper

82 100

128 42.5 35.2 52.8

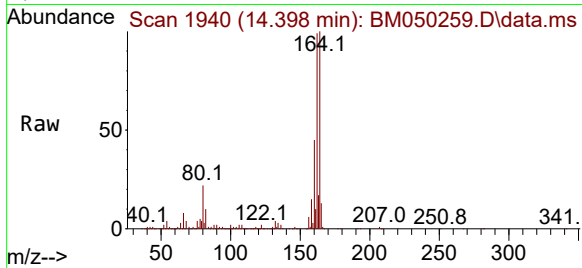
54 31.6 24.5 36.7



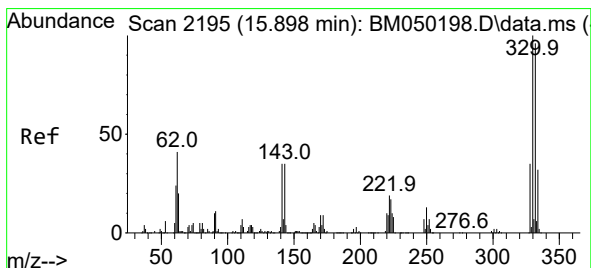
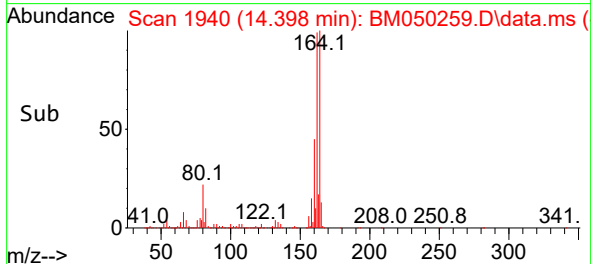
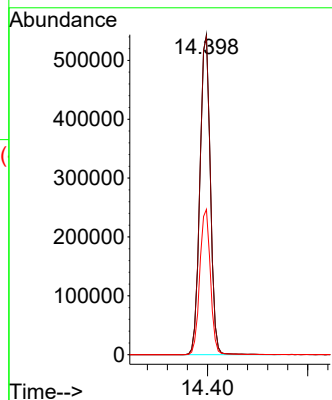


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050259.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_M
ClientSampleId :

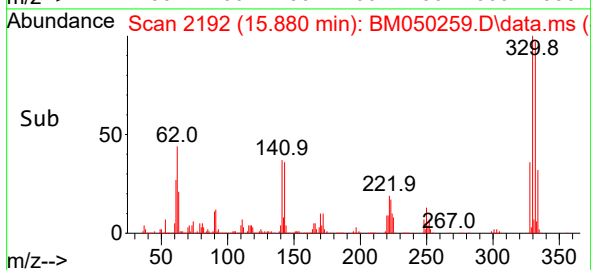
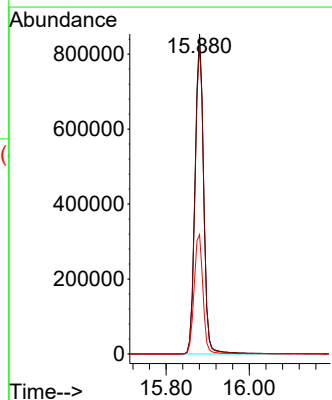
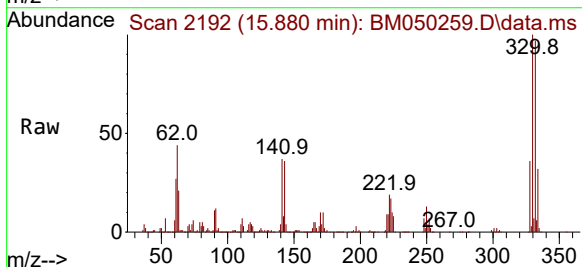


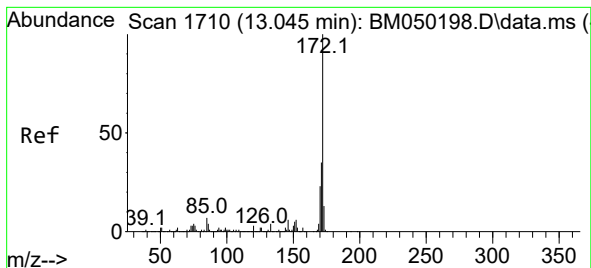
Tgt Ion:164 Resp: 781255
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.4
160 45.4 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 138.293 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050259.D
Acq: 10 Jun 2025 02:12

Tgt Ion:330 Resp: 1228902
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 38.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 84.446 ng

RT: 13.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

Instrument :

BNA_M

ClientSampleId :

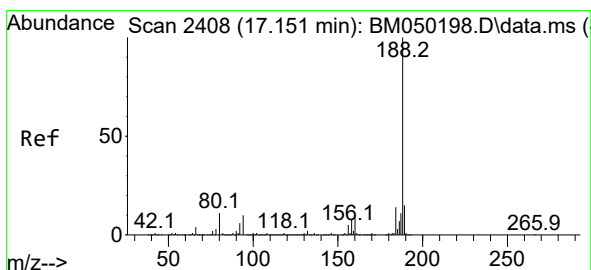
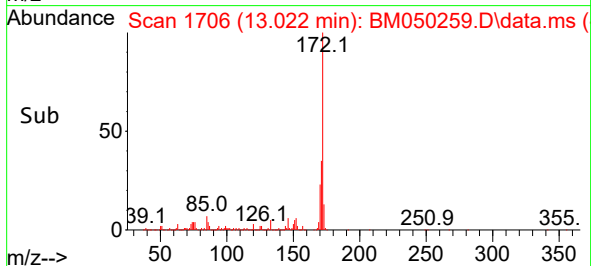
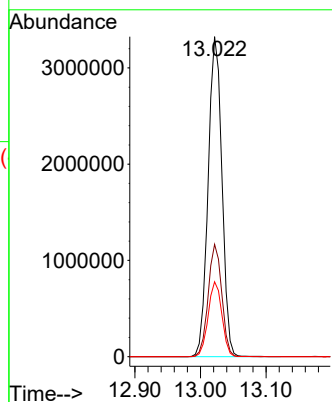
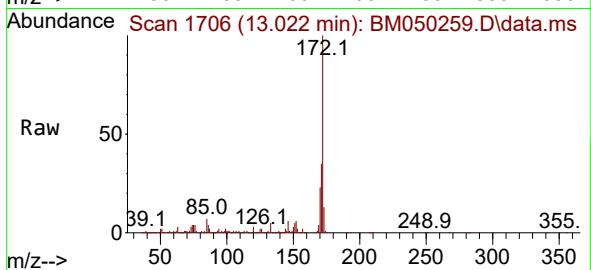
Tgt Ion:172 Resp: 4873058

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.4 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

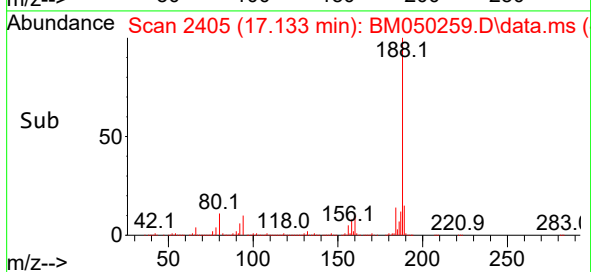
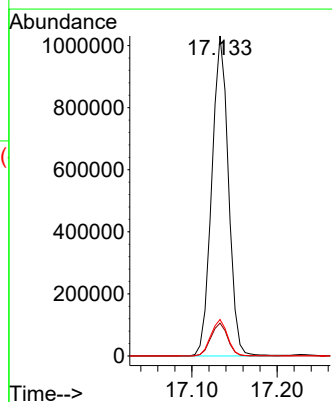
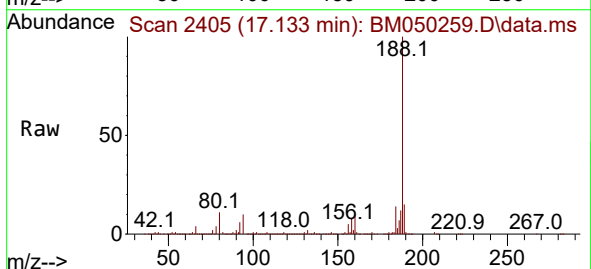
Tgt Ion:188 Resp: 1399416

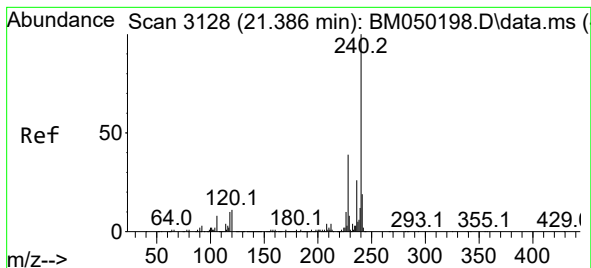
Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.4 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 3124

Delta R.T. -0.012 min

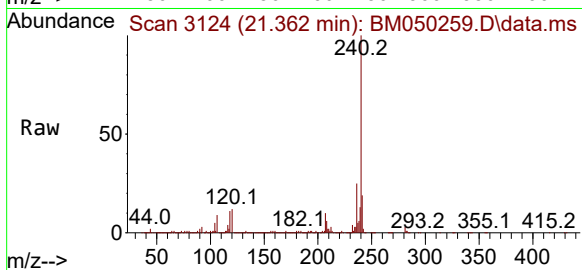
Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

Instrument :

BNA_M

ClientSampleId :



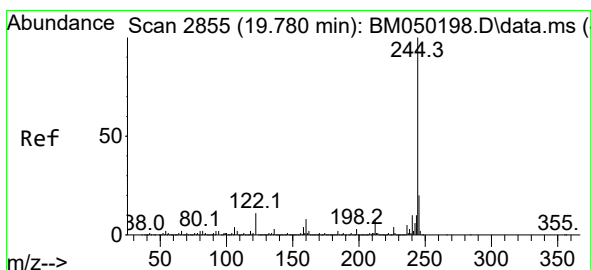
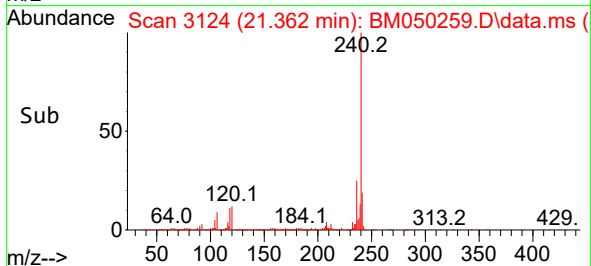
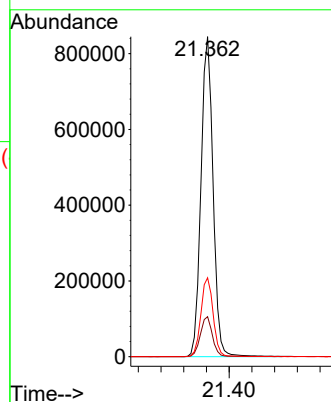
Tgt Ion:240 Resp: 1250695

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

236 24.7 20.7 31.1



#79

Terphenyl-d14

Concen: 90.737 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050259.D

Acq: 10 Jun 2025 02:12

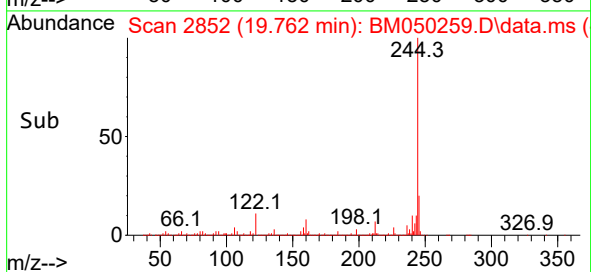
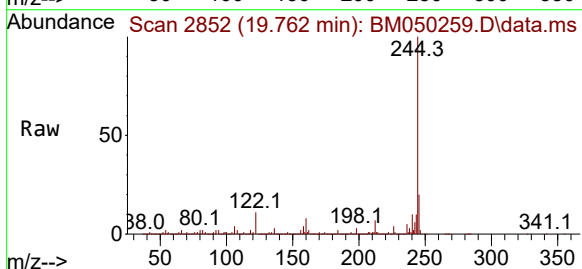
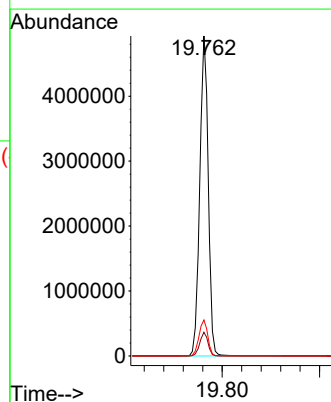
Tgt Ion:244 Resp: 5988537

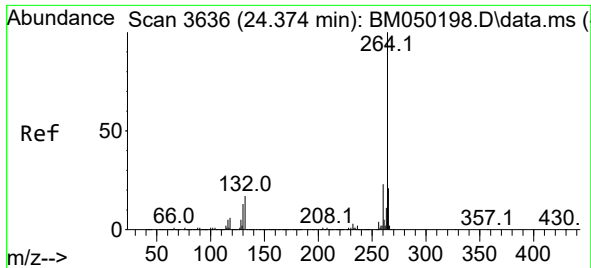
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

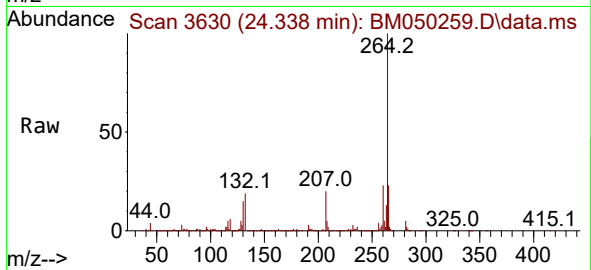
122 11.2 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.338 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM050259.D
 Acq: 10 Jun 2025 02:12

Instrument :
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 ClientSampleId :



Tgt Ion:264 Resp: 1291609
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.8 16.8 25.2

