

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050159.D
 Acq On : 09 May 2025 14:48
 Operator : RC/JU
 Sample : Q1964-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-LL

Quant Time: May 09 15:24:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

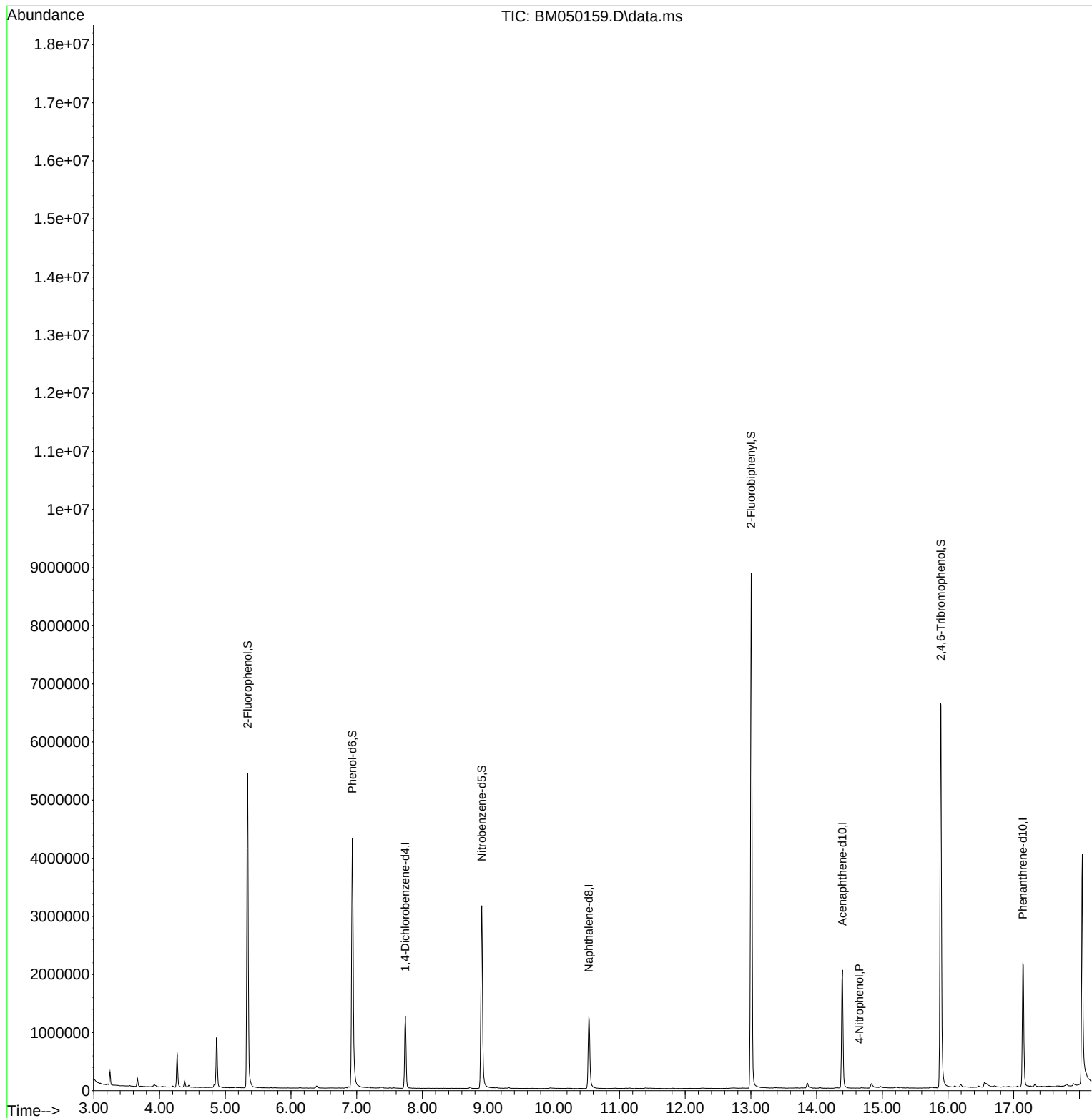
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	349102	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1219858	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	784394	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1450953	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1072762	20.000	ng	-0.01
86) Perylene-d12	24.386	264	831862	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2589598	129.893	ng	-0.02
7) Phenol-d6	6.934	99	2932105	117.015	ng	-0.02
23) Nitrobenzene-d5	8.904	82	2034319	82.177	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1613952	139.154	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	5258391	79.304	ng	-0.03
79) Terphenyl-d14	19.768	244	7123815	98.264	ng	-0.01
Target Compounds						
56) 4-Nitrophenol	14.651	139	55	4.539	ng	Qvalue # 38

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

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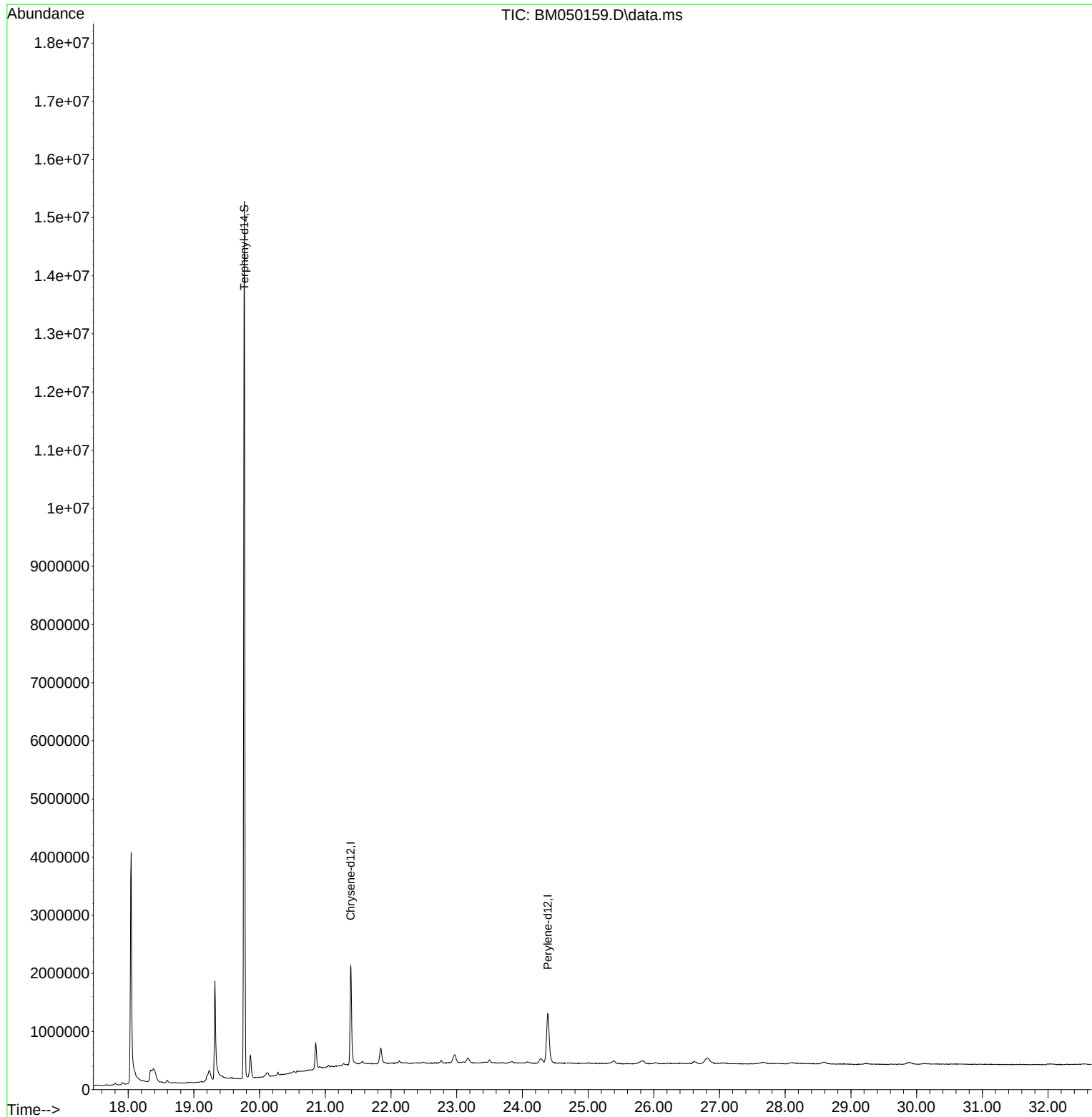
Quant Time: May 09 15:24:35 2025
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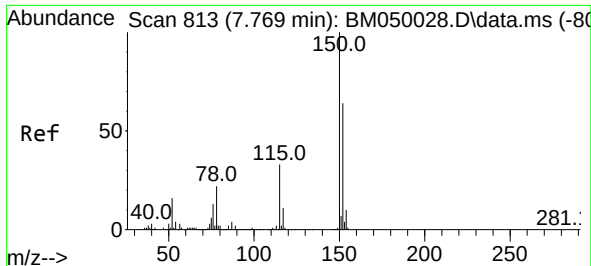


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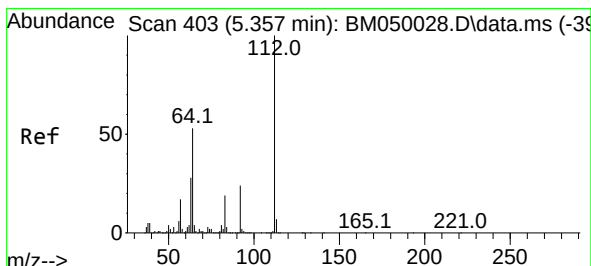
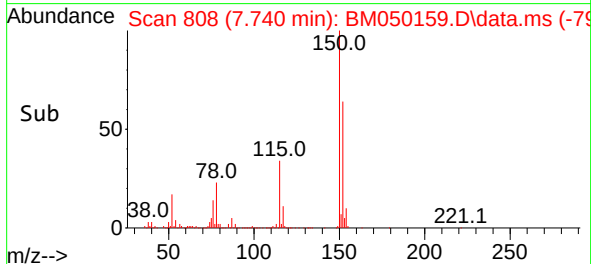
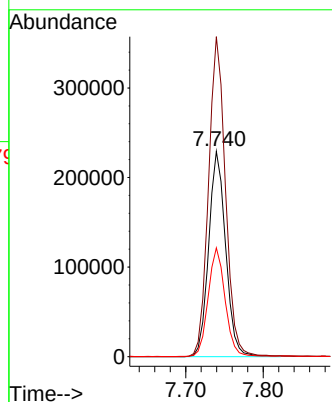
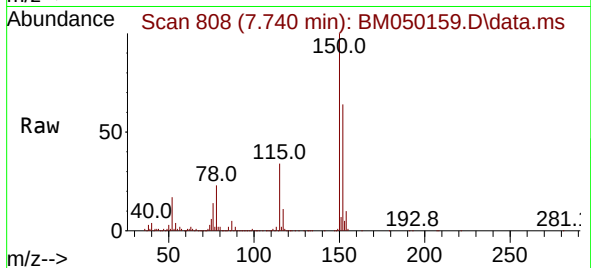




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 808
Delta R.T. -0.029 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

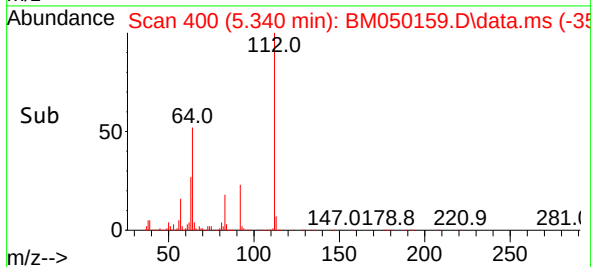
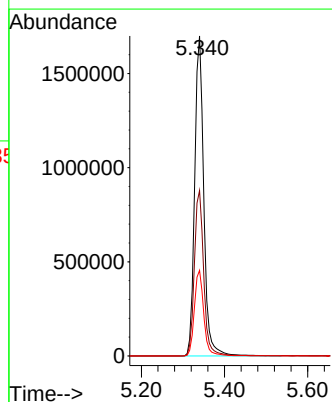
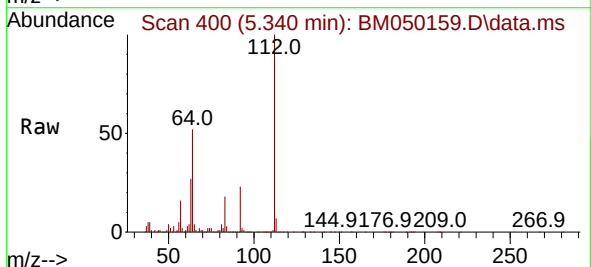
Instrument :
BNA_M
ClientSampleId :
MH-LL

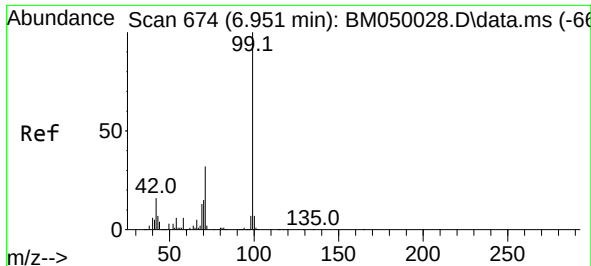
Tgt Ion:152 Resp: 349102
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 53.0 41.2 61.8



#5
2-Fluorophenol
Concen: 129.893 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

Tgt Ion:112 Resp: 2589598
Ion Ratio Lower Upper
112 100
64 51.7 42.6 64.0
63 26.8 22.2 33.4

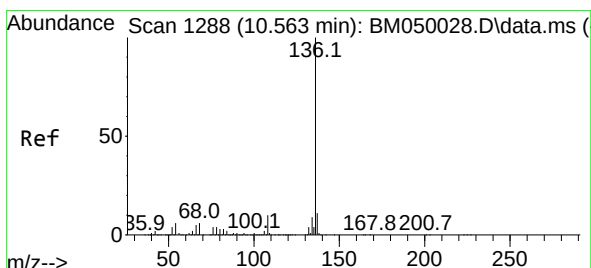
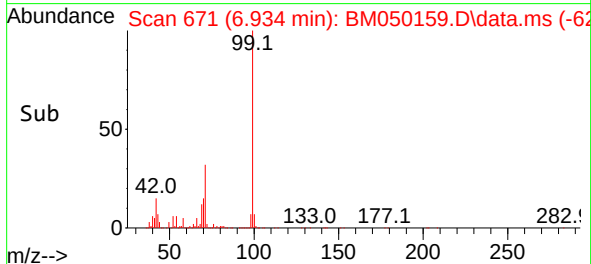
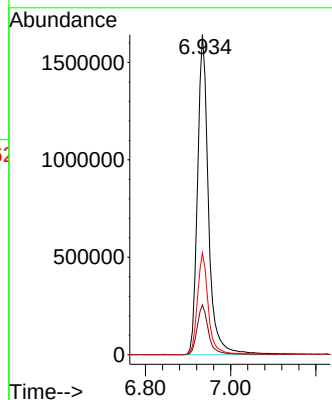
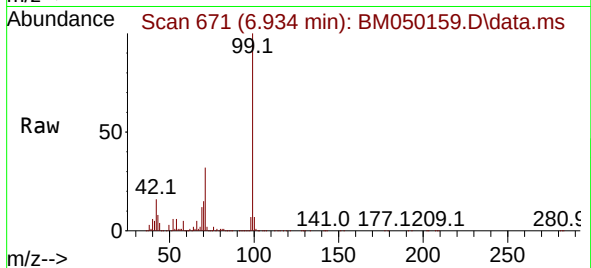




#7
Phenol-d6
Concen: 117.015 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

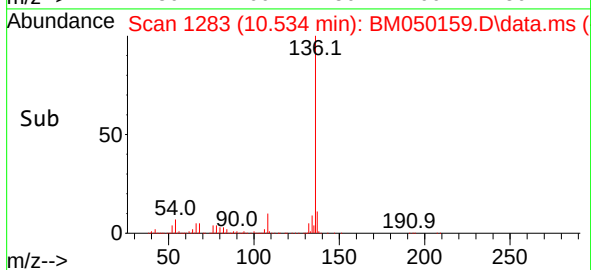
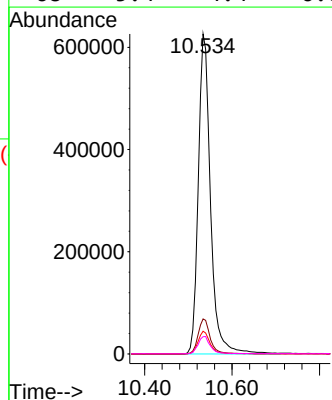
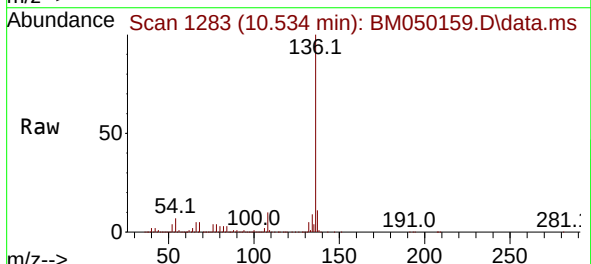
Instrument :
BNA_M
ClientSampleId :
MH-LL

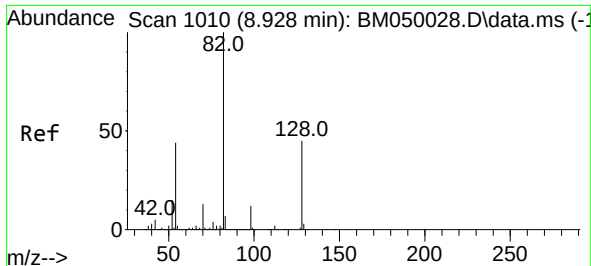
Tgt Ion: 99 Resp: 2932105
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

Tgt Ion: 136 Resp: 1219858
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 5.1 7.7
68 5.4 4.4 6.6

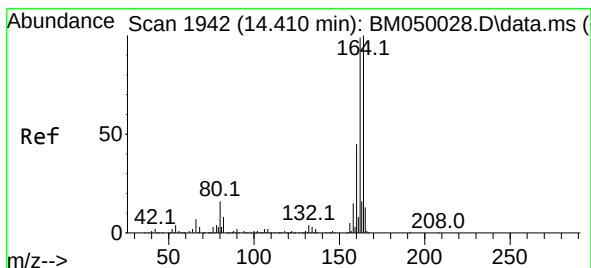
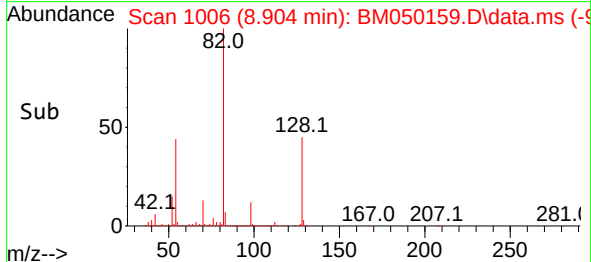
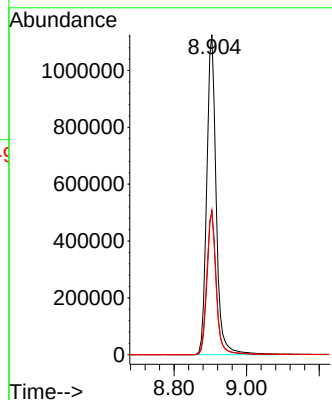
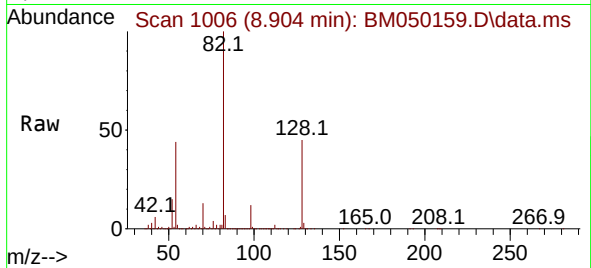




#23
Nitrobenzene-d5
Concen: 82.177 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

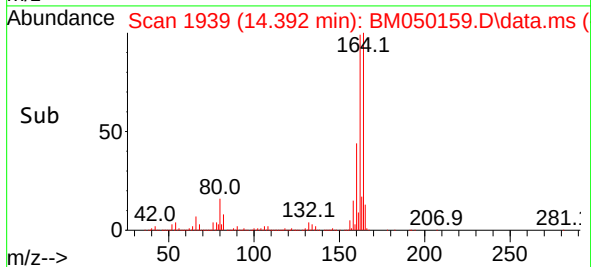
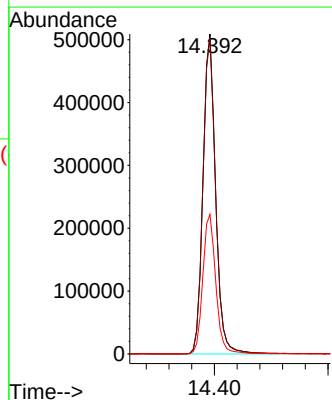
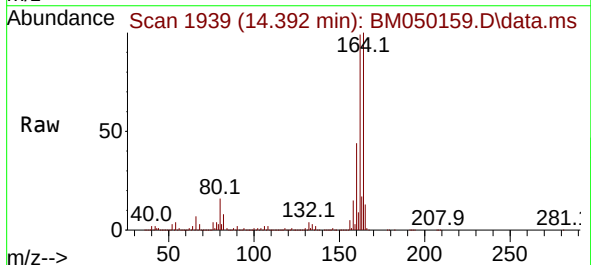
Instrument :
BNA_M
ClientSampleId :
MH-LL

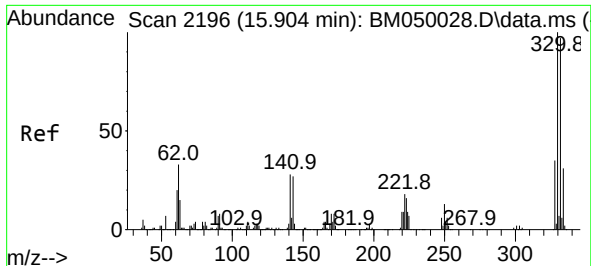
Tgt Ion: 82 Resp: 2034319
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 44.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

Tgt Ion:164 Resp: 784394
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.154 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050159.D

Acq: 09 May 2025 14:48

Instrument :

BNA_M

ClientSampleId :

MH-LL

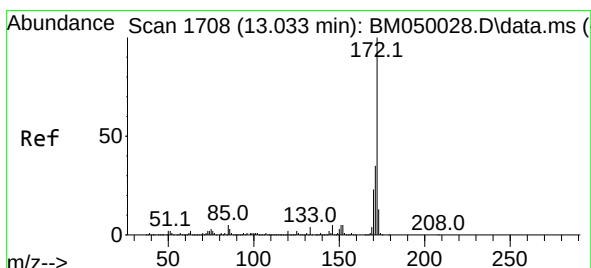
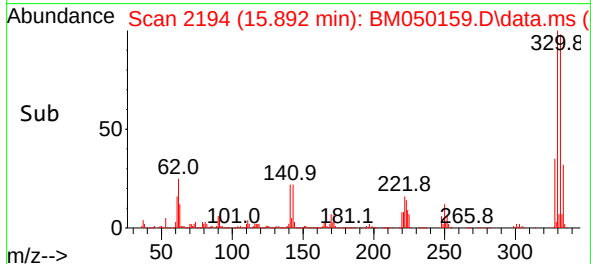
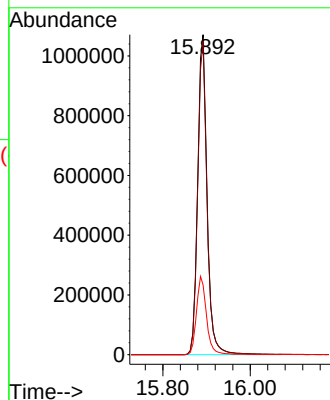
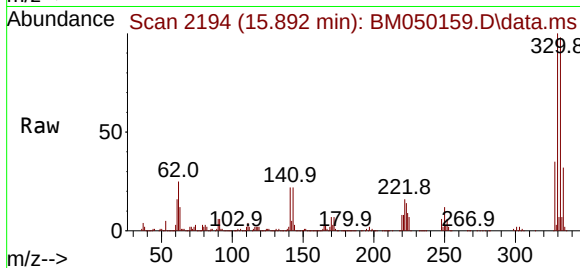
Tgt Ion:330 Resp: 1613952

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 26.0 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 79.304 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.029 min

Lab File: BM050159.D

Acq: 09 May 2025 14:48

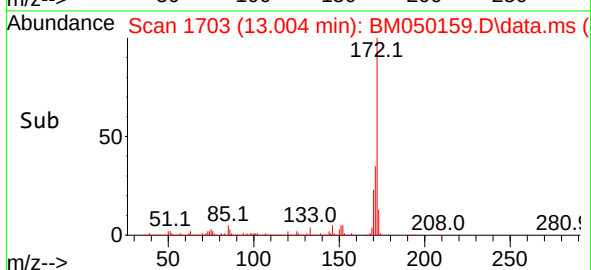
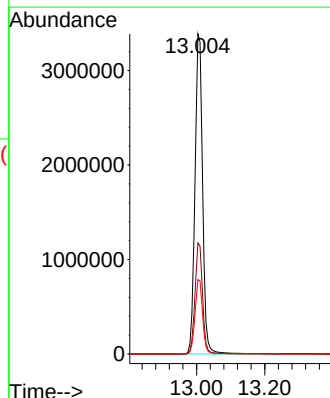
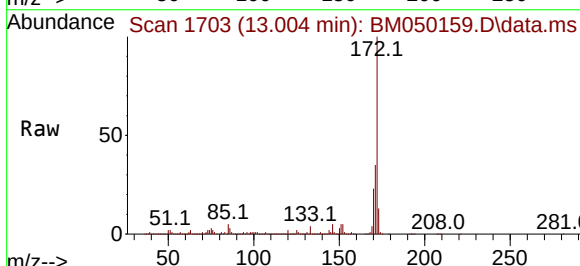
Tgt Ion:172 Resp: 5258391

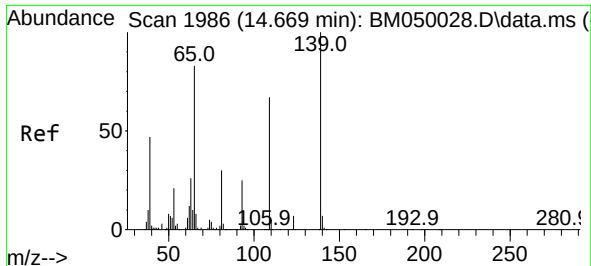
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.2 18.6 28.0

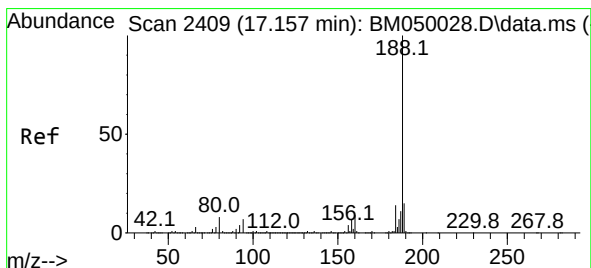
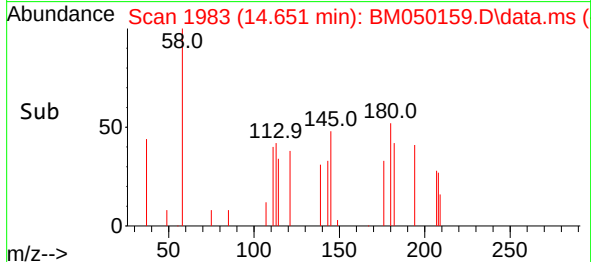
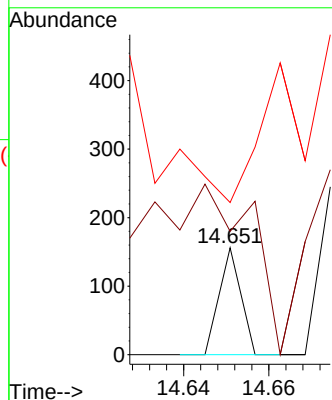
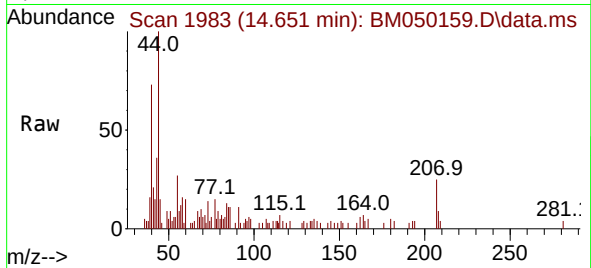




#56
4-Nitrophenol
Concen: 4.539 ng
RT: 14.651 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

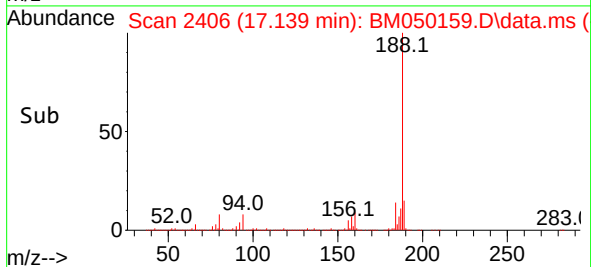
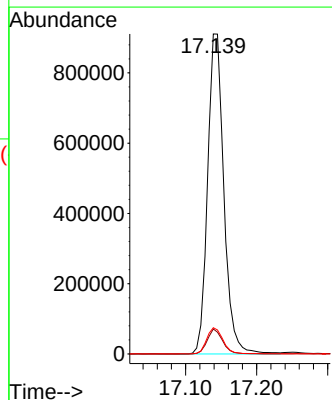
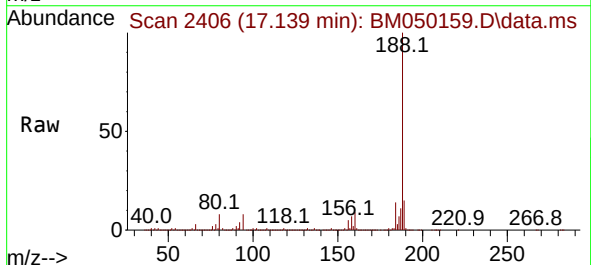
Instrument :
BNA_M
ClientSampleId :
MH-LL

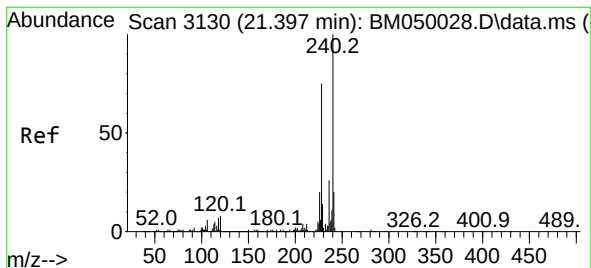
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 115.4 47.0 87.0#
65 142.3 64.3 104.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

Tgt Ion:188 Resp: 1450953
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 8.2 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM050159.D

Acq: 09 May 2025 14:48

Instrument :

BNA_M

ClientSampleId :

MH-LL

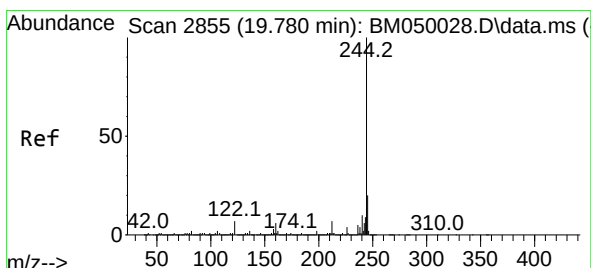
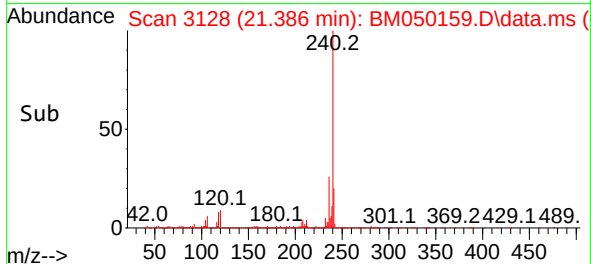
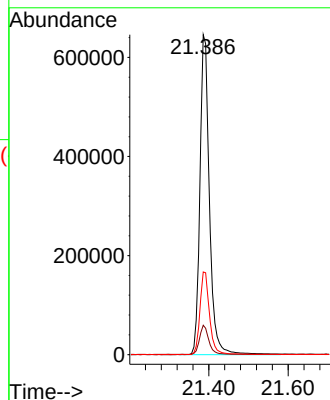
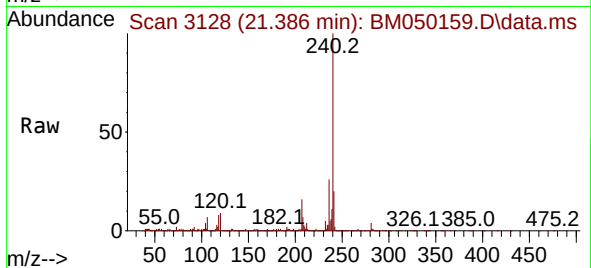
Tgt Ion:240 Resp: 1072762

Ion Ratio Lower Upper

240 100

120 9.2 6.5 9.7

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 98.264 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM050159.D

Acq: 09 May 2025 14:48

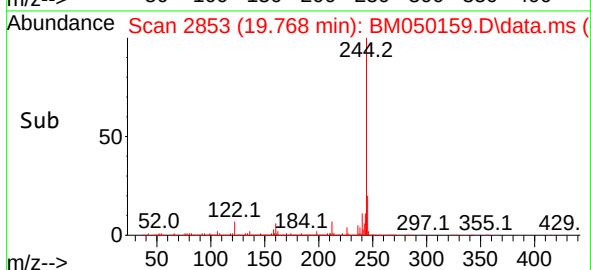
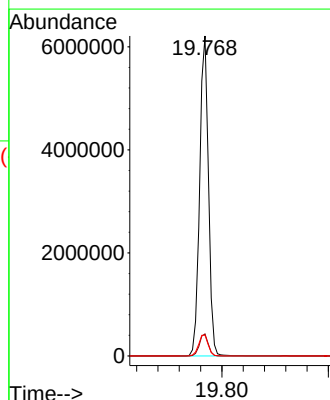
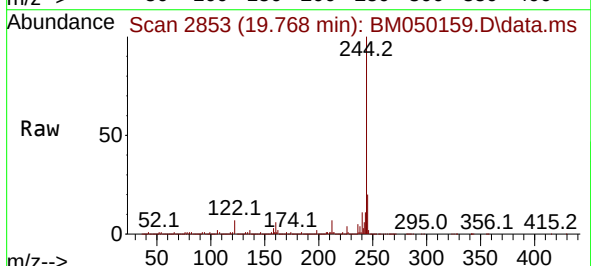
Tgt Ion:244 Resp: 7123815

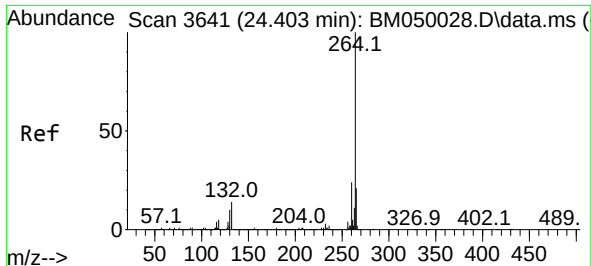
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

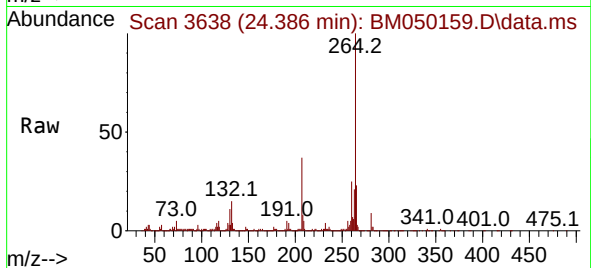
122 6.5 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM050159.D
Acq: 09 May 2025 14:48

Instrument :
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Tgt Ion:264 Resp: 831862

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	22.5	17.0	25.4

