

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
 Data File : BM050136.D
 Acq On : 07 May 2025 15:44
 Operator : RC/JU
 Sample : Q1956-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-05022025

Quant Time: May 07 16:35:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	270666	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	990337	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	667274	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1355839	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1289767	20.000	ng	0.00
86) Perylene-d12	24.386	264	1323340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	951846	61.580	ng	-0.02
7) Phenol-d6	6.940	99	716153	36.863	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1584076	78.819	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1420562	143.978	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4197440	74.415	ng	-0.02
79) Terphenyl-d14	19.768	244	7347594	84.298	ng	-0.01

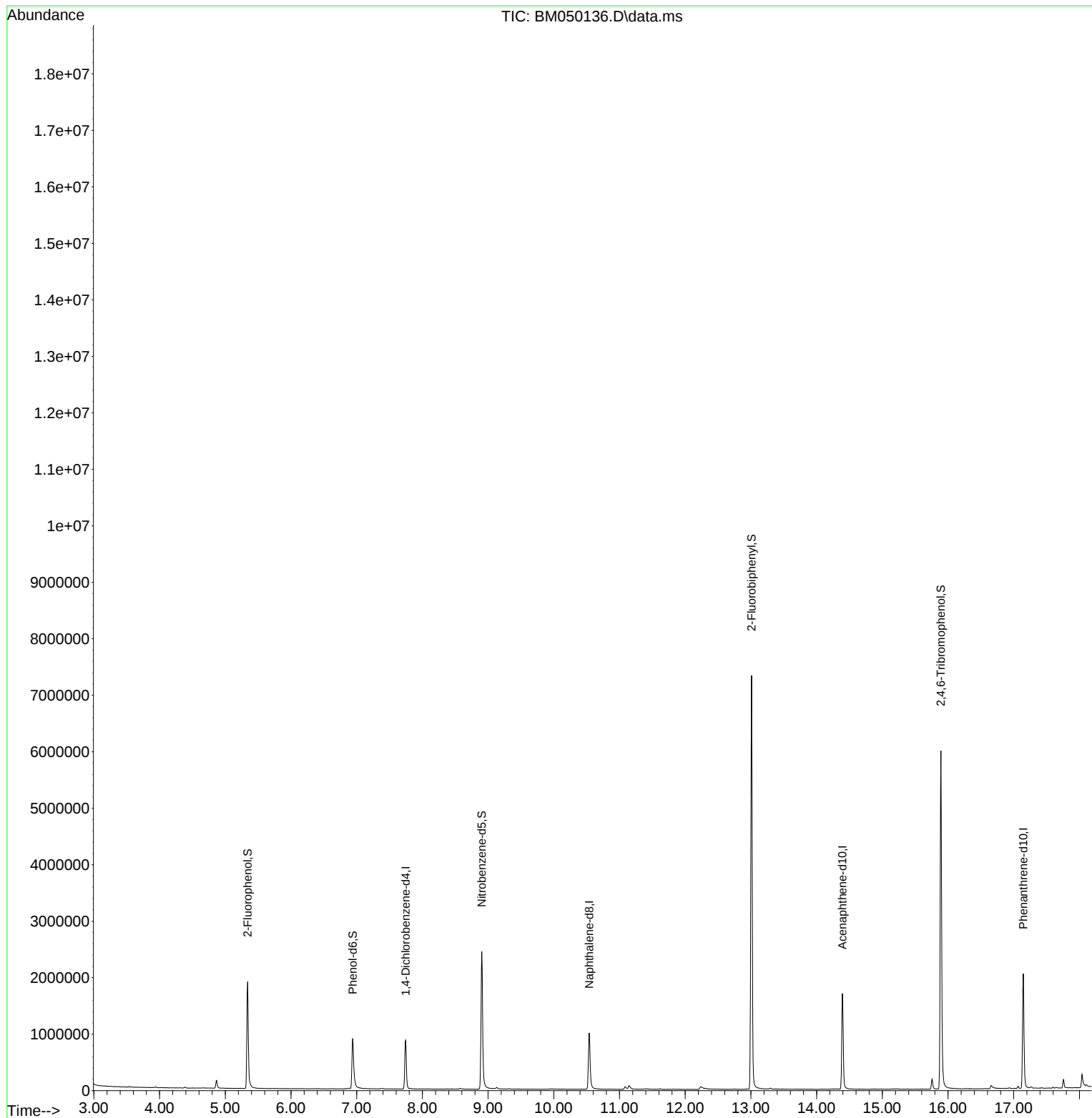
Target Compounds	Qvalue

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

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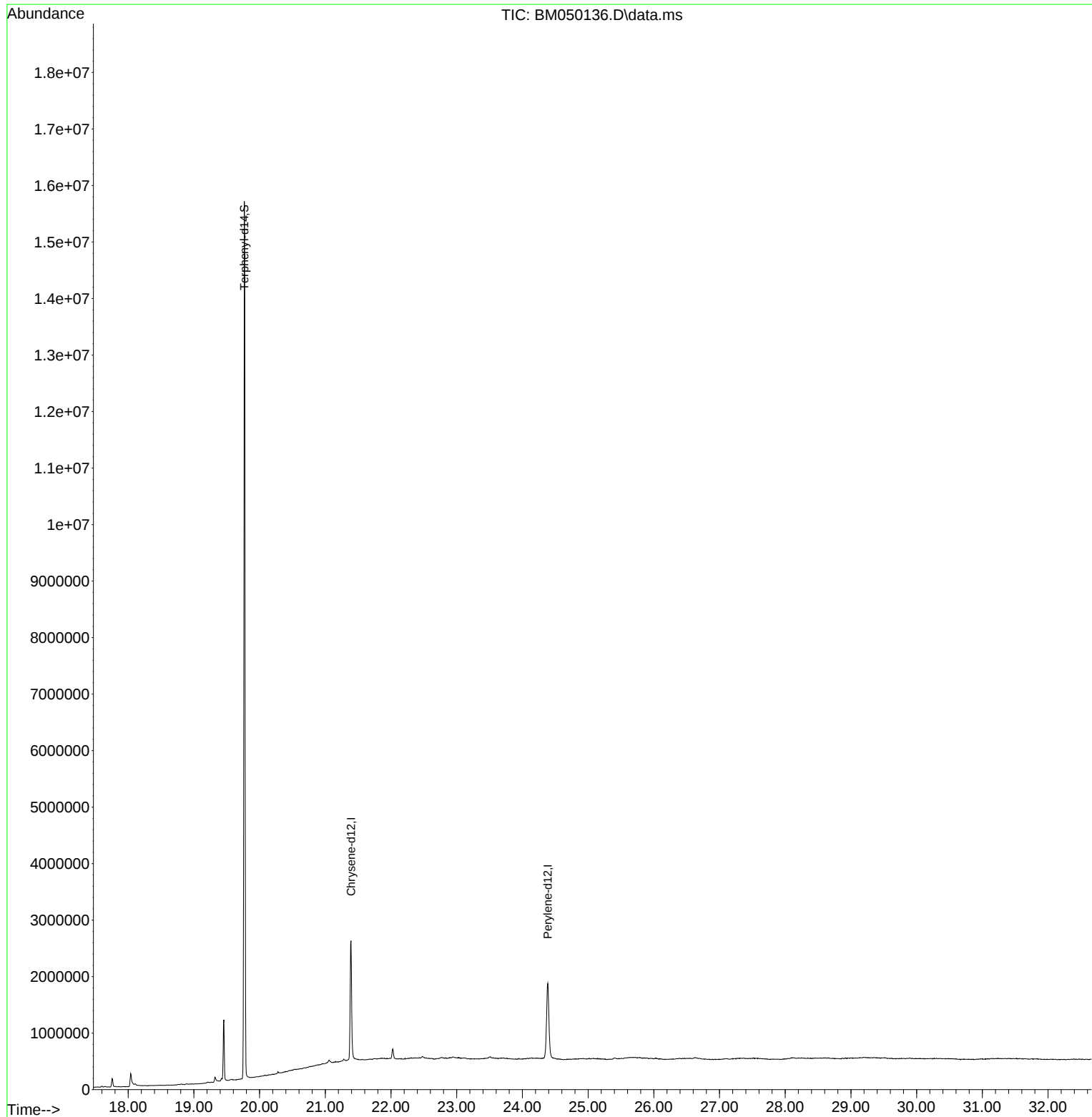
Quant Time: May 07 16:35:50 2025
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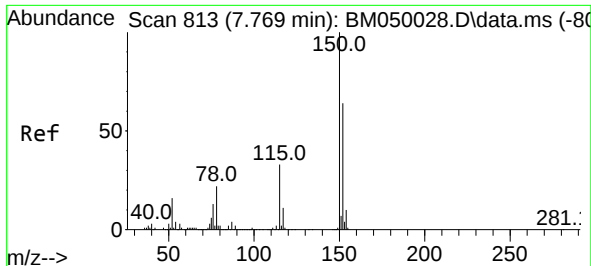


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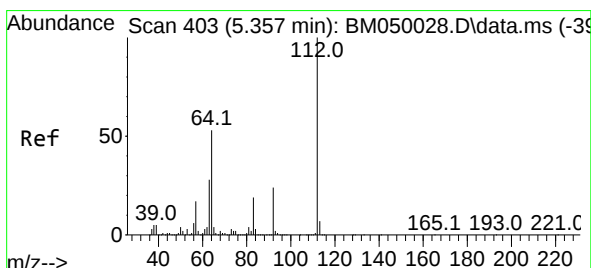
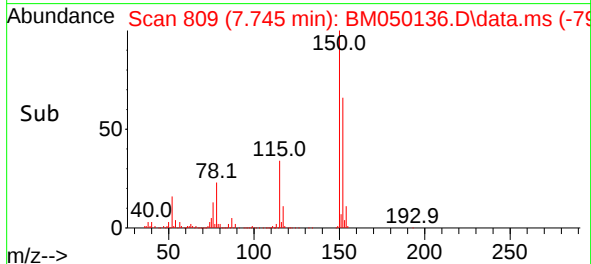
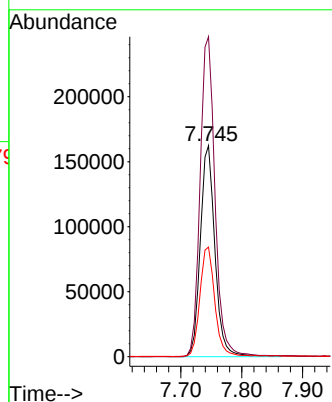
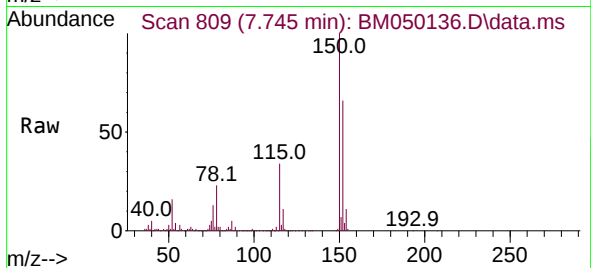




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

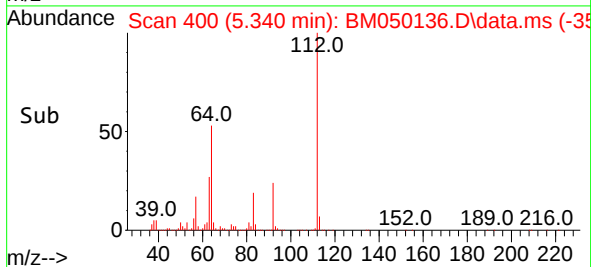
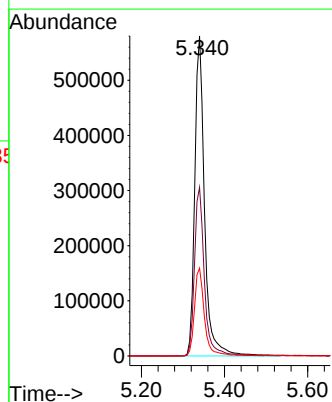
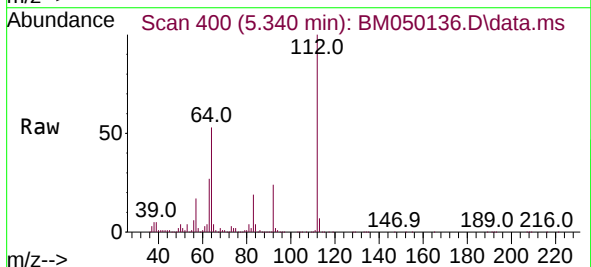
Instrument :
BNA_M
ClientSampleId :
FB-05022025

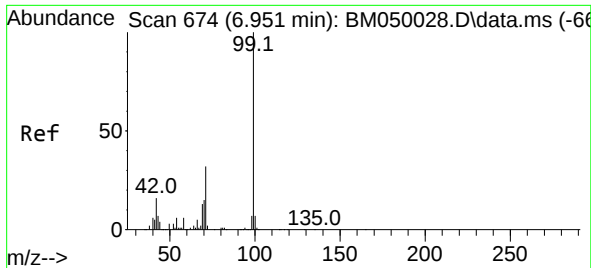
Tgt Ion:152 Resp: 270666
Ion Ratio Lower Upper
152 100
150 151.6 124.1 186.1
115 51.9 41.2 61.8



#5
2-Fluorophenol
Concen: 61.580 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:112 Resp: 951846
Ion Ratio Lower Upper
112 100
64 52.7 42.6 64.0
63 27.4 22.2 33.4

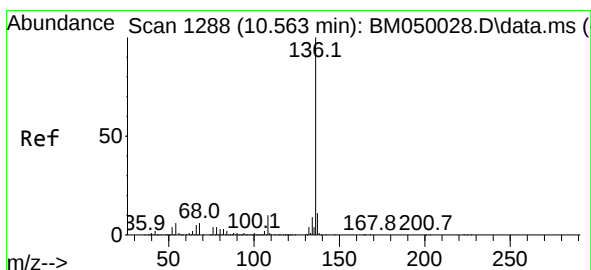
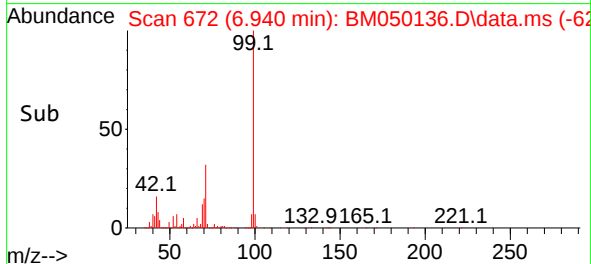
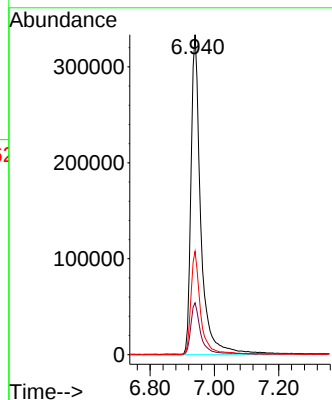
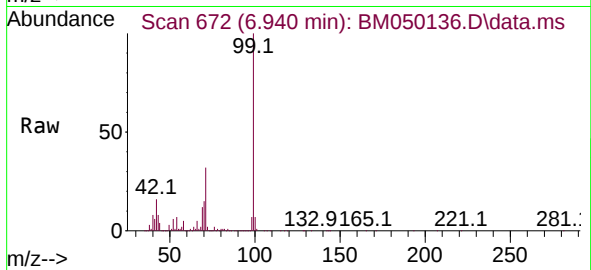




#7
Phenol-d6
Concen: 36.863 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

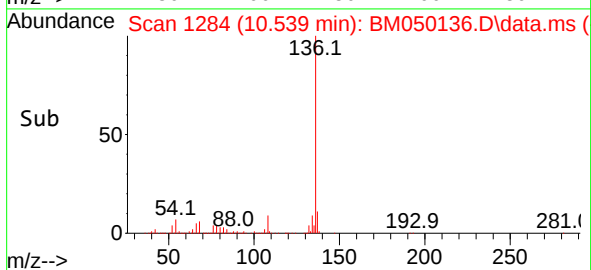
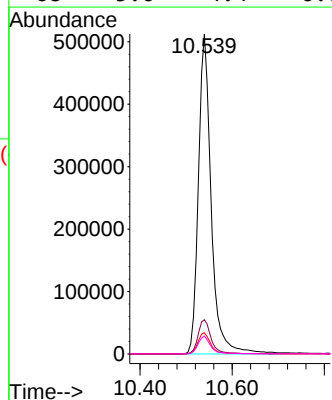
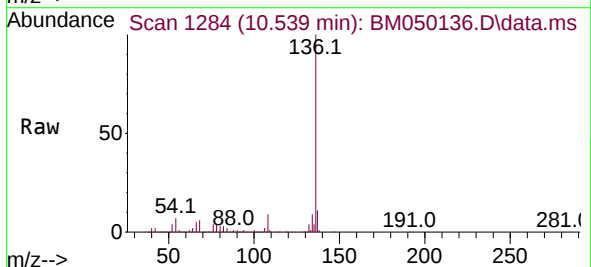
Instrument :
BNA_M
ClientSampleId :
FB-05022025

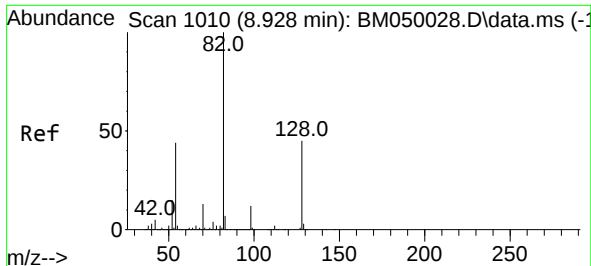
Tgt Ion: 99 Resp: 716153
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion: 136 Resp: 990337
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.7 5.1 7.7
68 5.6 4.4 6.6

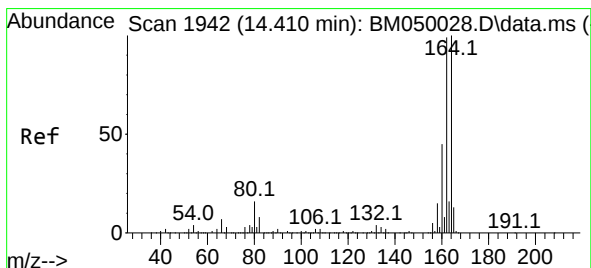
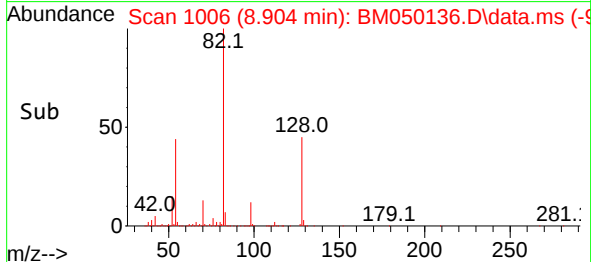
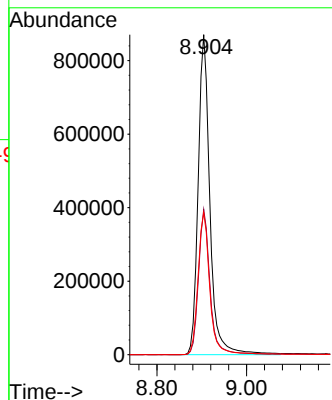
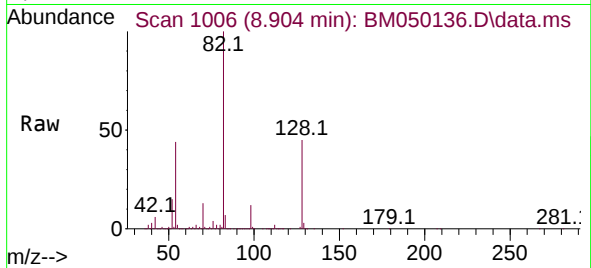




#23
Nitrobenzene-d5
Concen: 78.819 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

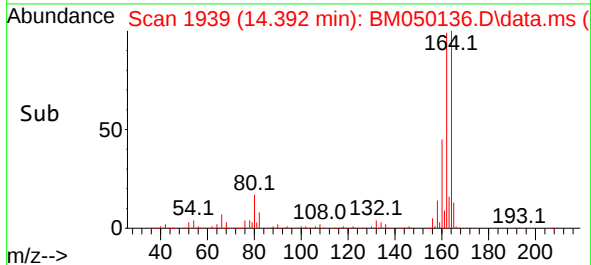
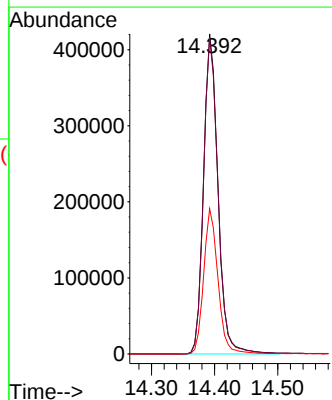
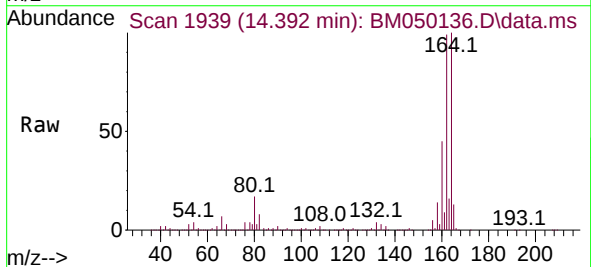
Instrument :
BNA_M
ClientSampleId :
FB-05022025

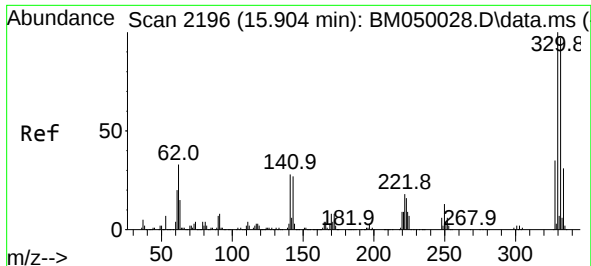
Tgt Ion: 82 Resp: 1584076
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 44.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion: 164 Resp: 667274
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 45.4 36.2 54.4

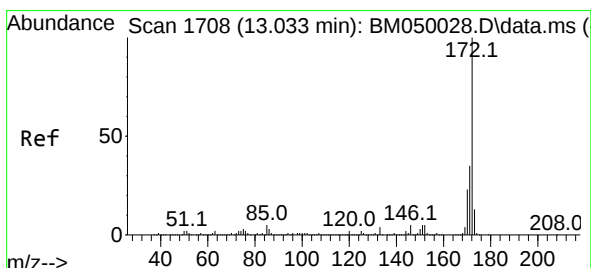
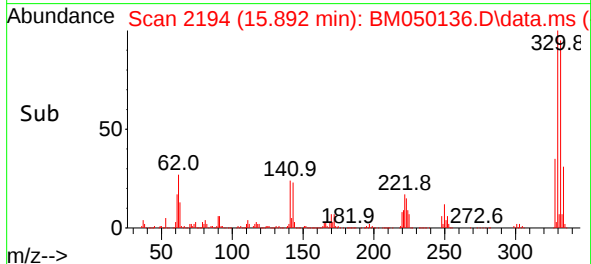
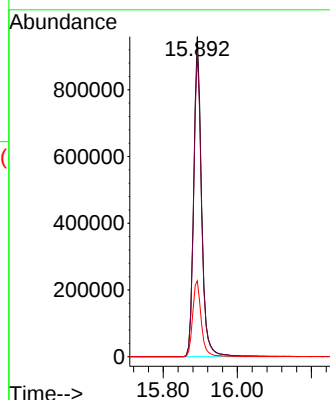
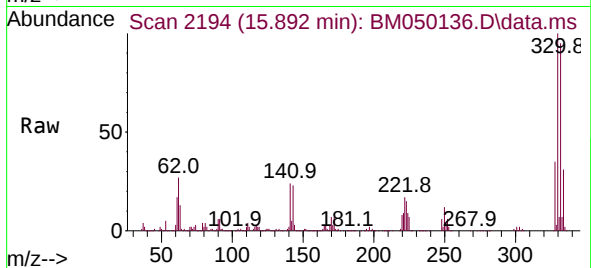




#42
2,4,6-Tribromophenol
Concen: 143.978 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

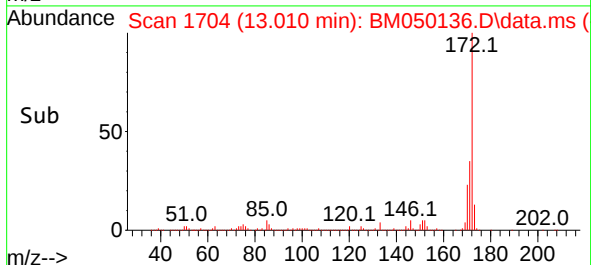
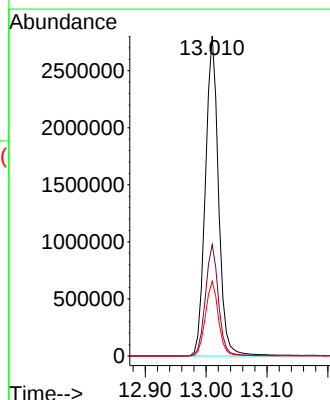
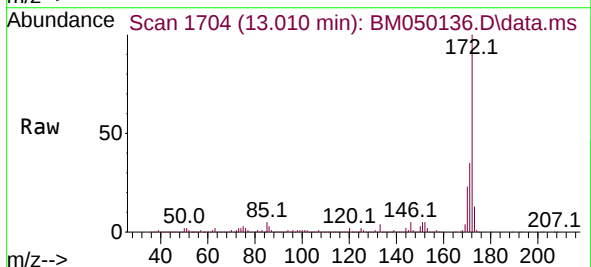
Instrument :
BNA_M
ClientSampleId :
FB-05022025

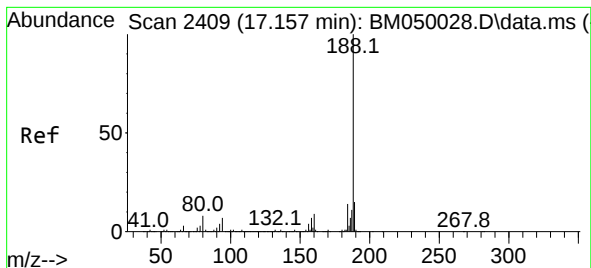
Tgt Ion:330 Resp: 1420562
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 25.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 74.415 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:172 Resp: 4197440
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050136.D

Acq: 07 May 2025 15:44

Instrument :

BNA_M

ClientSampleId :

FB-05022025

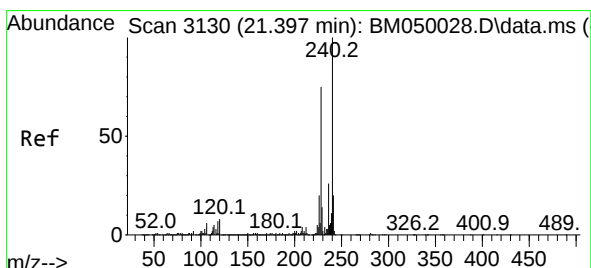
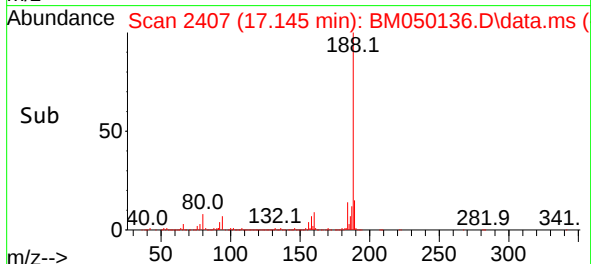
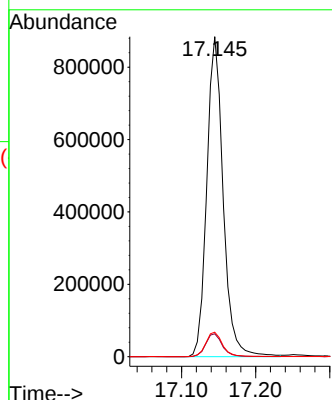
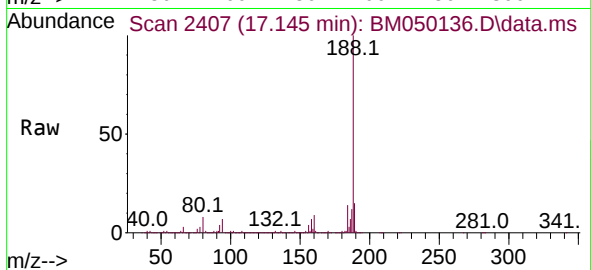
Tgt Ion:188 Resp: 1355839

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 7.6 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BM050136.D

Acq: 07 May 2025 15:44

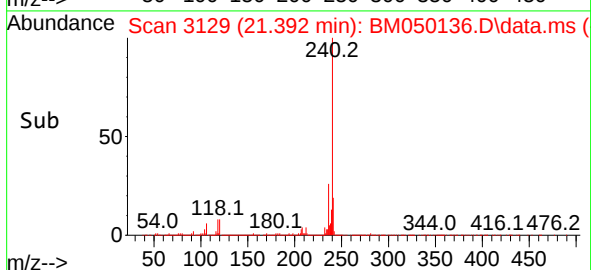
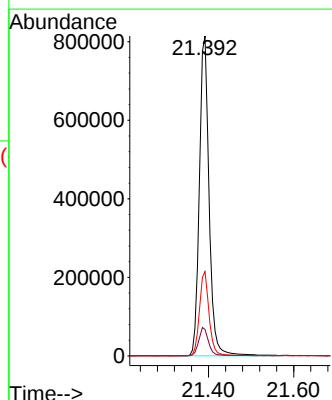
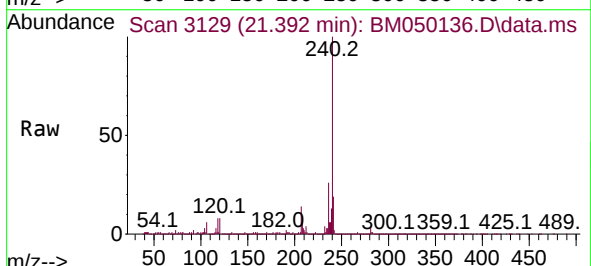
Tgt Ion:240 Resp: 1289767

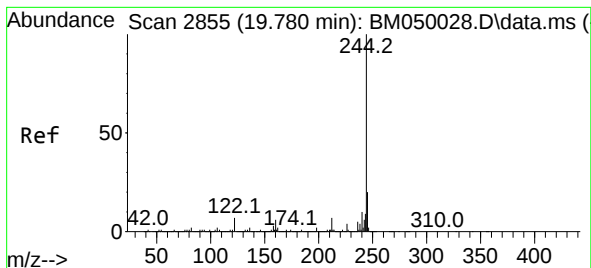
Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 26.4 20.9 31.3





#79

Terphenyl-d14

Concen: 84.298 ng

RT: 19.768 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM050136.D

Acq: 07 May 2025 15:44

Instrument :

BNA_M

ClientSampleId :

FB-05022025

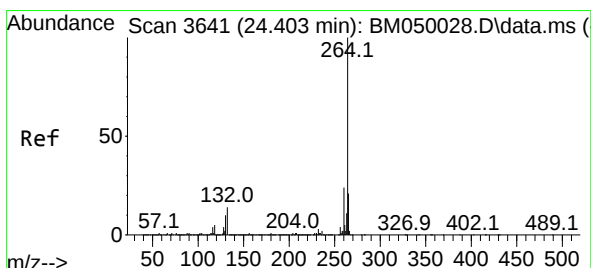
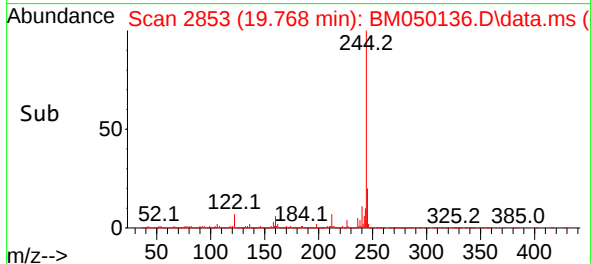
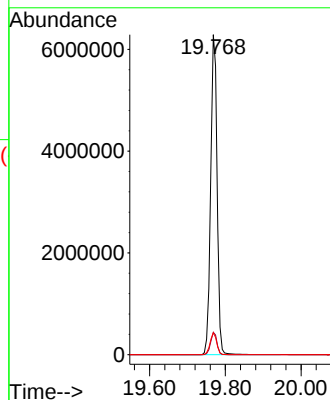
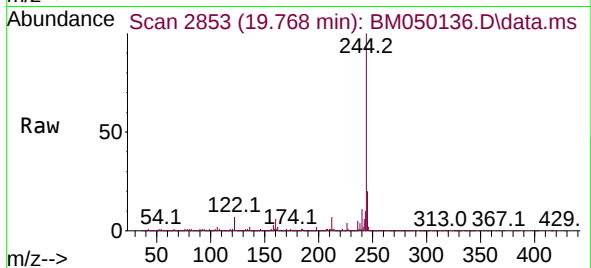
Tgt Ion:244 Resp: 7347594

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 3638

Delta R.T. -0.018 min

Lab File: BM050136.D

Acq: 07 May 2025 15:44

Tgt Ion:264 Resp: 1323340

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.0 25.4

