

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050122.D
 Acq On : 06 May 2025 16:38
 Operator : RC/JU
 Sample : Q1951-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-KK

Quant Time: May 06 18:27:40 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)

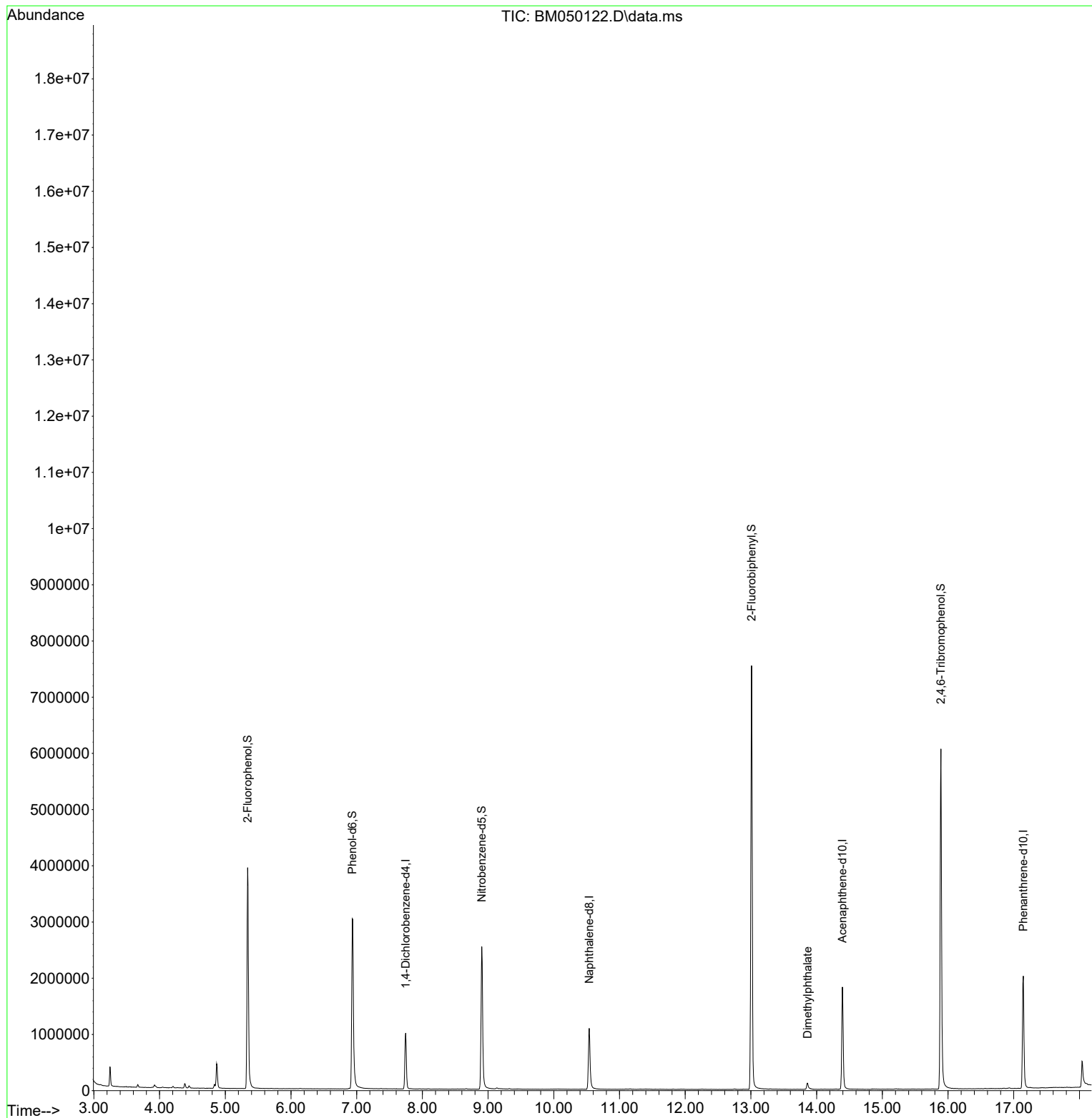
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	296732	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1055049	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	701841	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1365037	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1229890	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1257507	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1917626	113.163	ng	-0.02
7) Phenol-d6	6.934	99	2202724	103.421	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1629890	76.125	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1435211	138.298	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4373565	73.718	ng	-0.02
79) Terphenyl-d14	19.768	244	7439318	89.506	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.863	163	108174	2.109	ng	Qvalue 99

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

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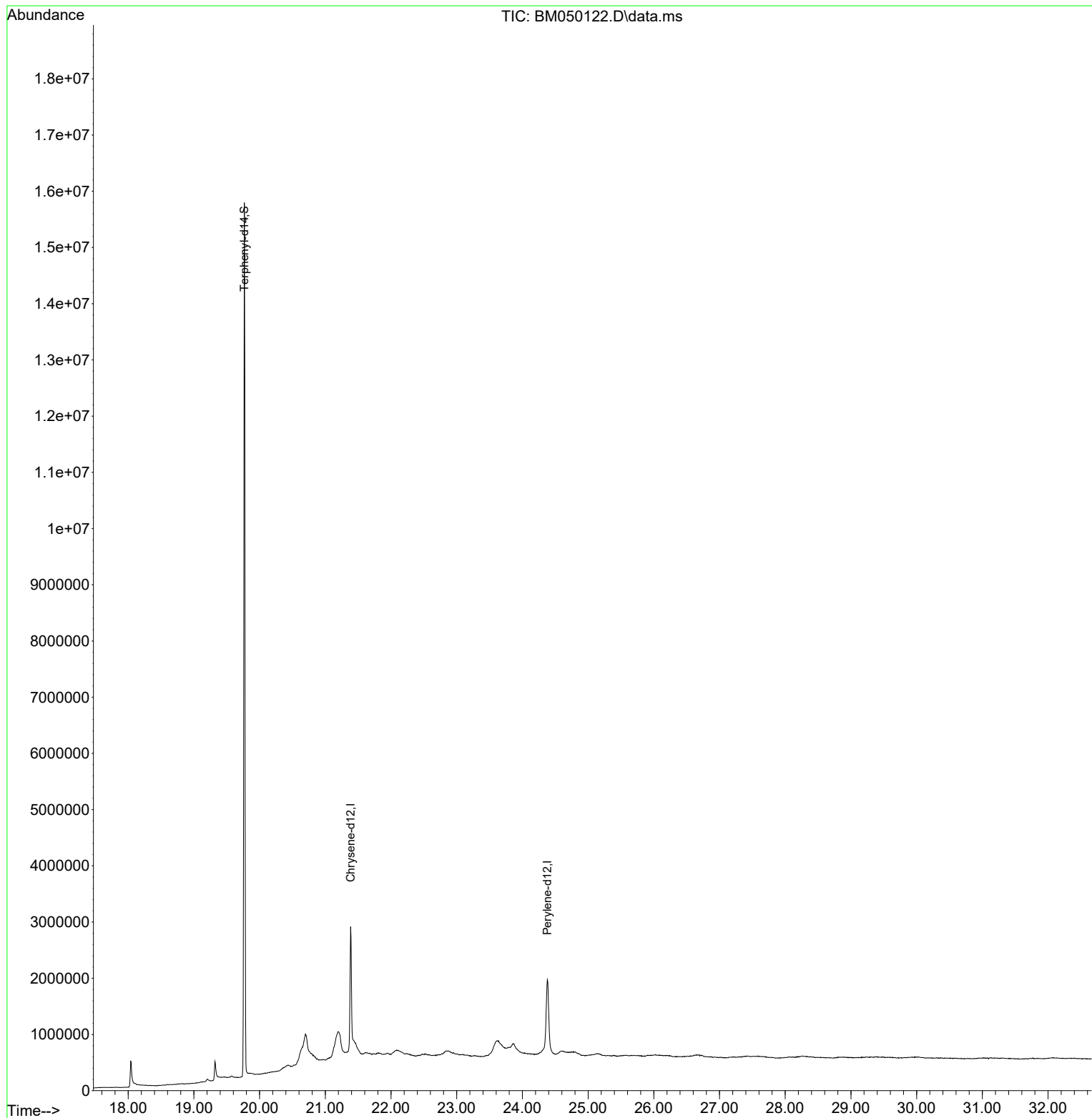
Quant Time: May 06 18:27:40 2025
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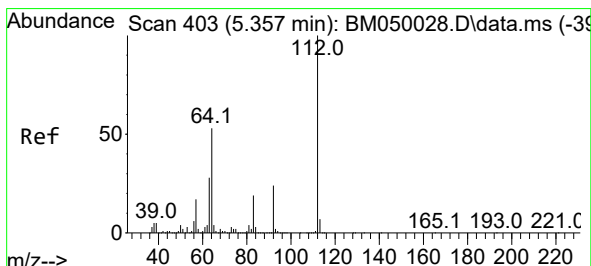
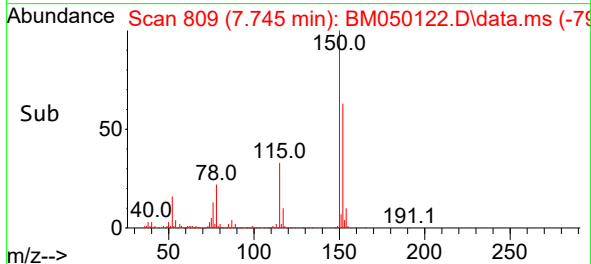
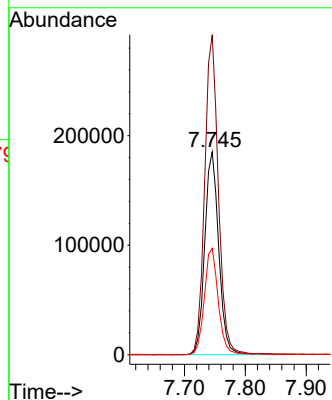
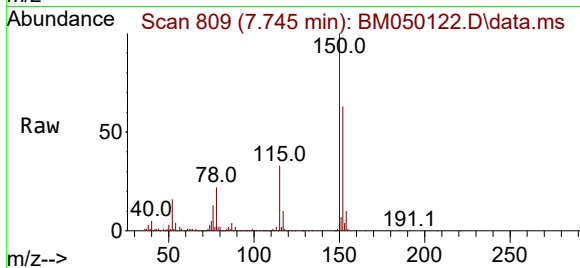




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

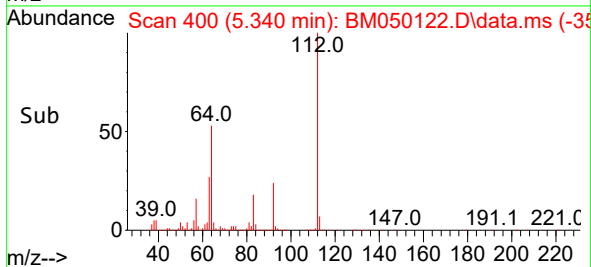
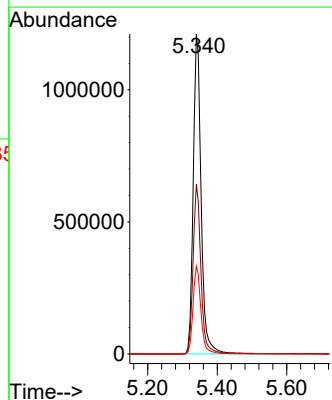
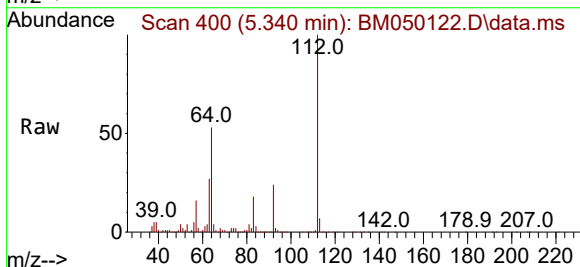
Instrument :
BNA_M
ClientSampleId :
MH-KK

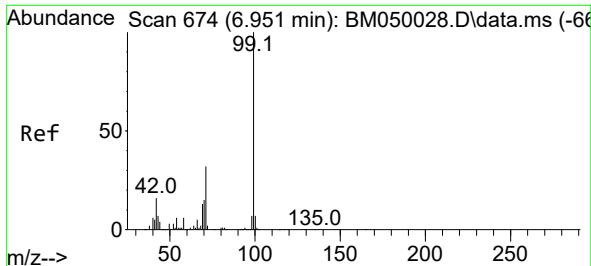
Tgt Ion:152 Resp: 296732
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 52.4 41.2 61.8



#5
2-Fluorophenol
Concen: 113.163 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

Tgt Ion:112 Resp: 1917626
Ion Ratio Lower Upper
112 100
64 53.0 42.6 64.0
63 27.5 22.2 33.4

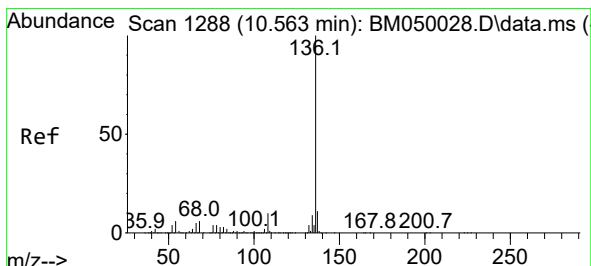
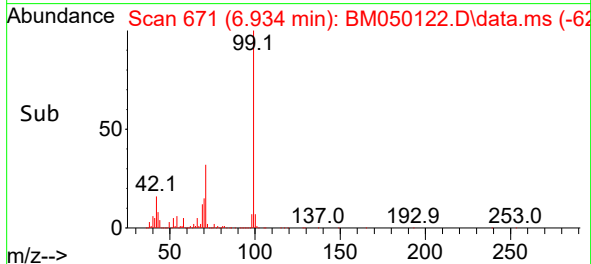
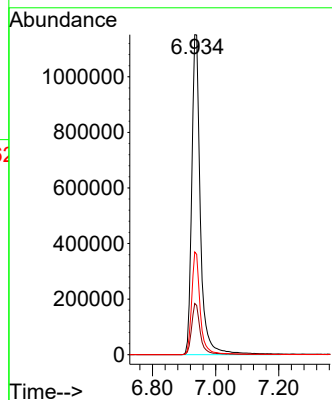
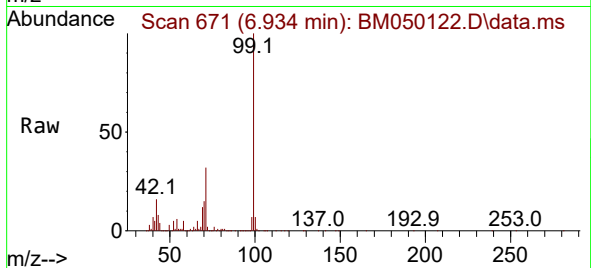




#7
Phenol-d6
Concen: 103.421 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

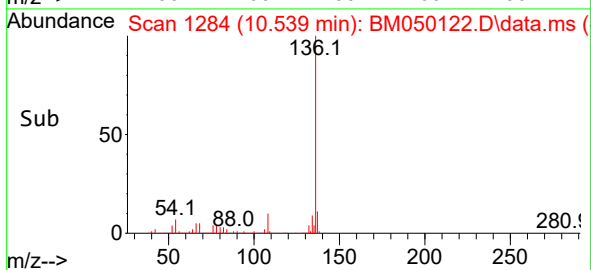
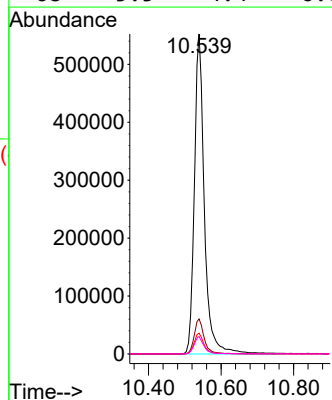
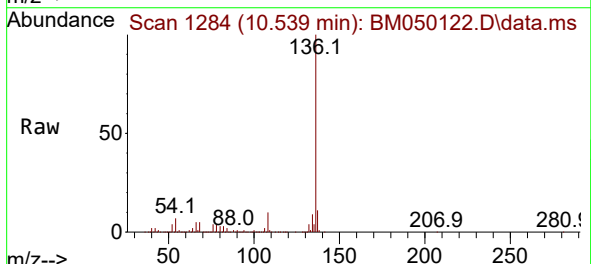
Instrument :
BNA_M
ClientSampleId :
MH-KK

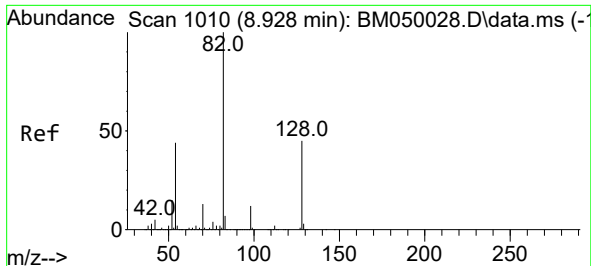
Tgt Ion: 99 Resp: 2202724
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

Tgt Ion: 136 Resp: 1055049
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.5 5.1 7.7
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 76.125 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050122.D

Acq: 06 May 2025 16:38

Instrument :

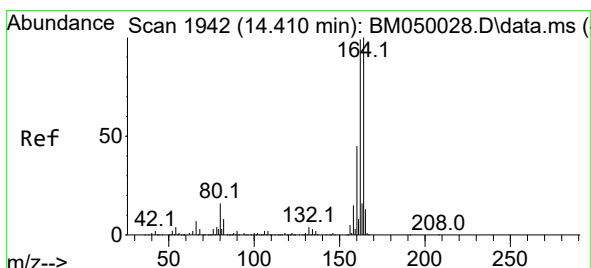
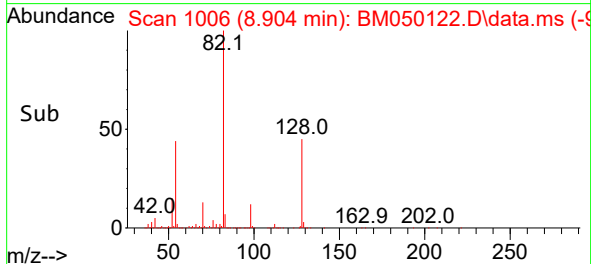
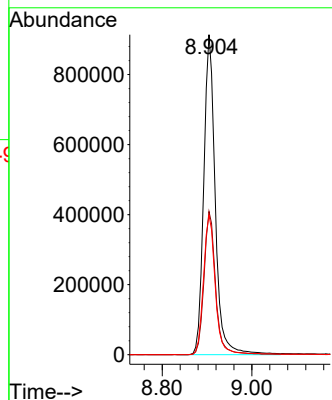
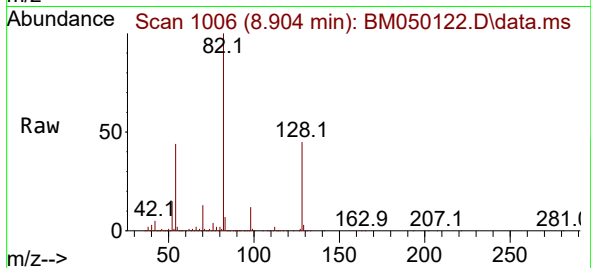
BNA_M

ClientSampleId :

MH-KK

Tgt Ion: 82 Resp: 1629890

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	43.6	35.4	53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

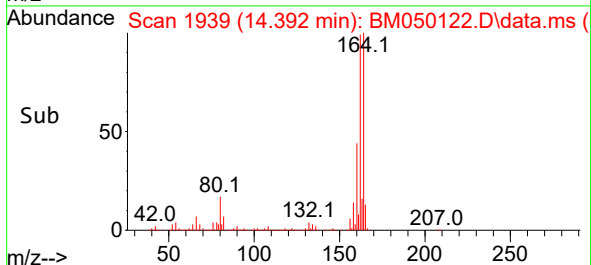
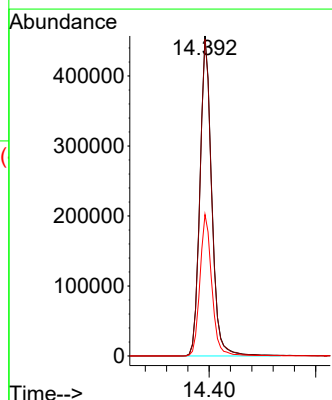
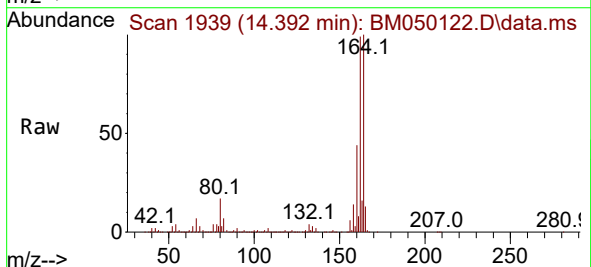
Delta R.T. -0.018 min

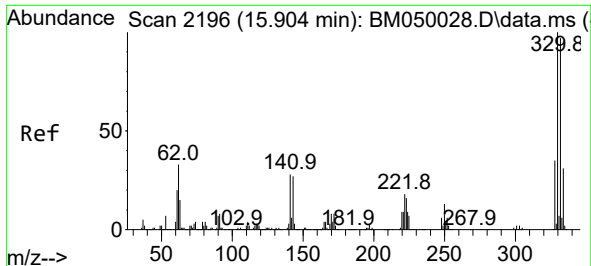
Lab File: BM050122.D

Acq: 06 May 2025 16:38

Tgt Ion: 164 Resp: 701841

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.4	119.0
160	44.2	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 138.298 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050122.D

Acq: 06 May 2025 16:38

Instrument :

BNA_M

ClientSampleId :

MH-KK

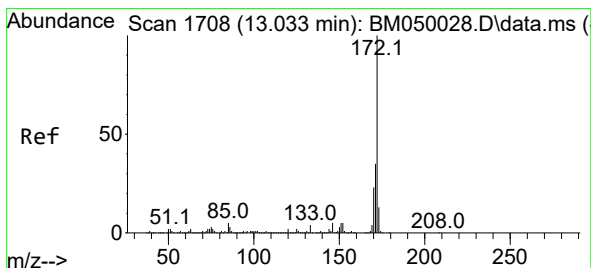
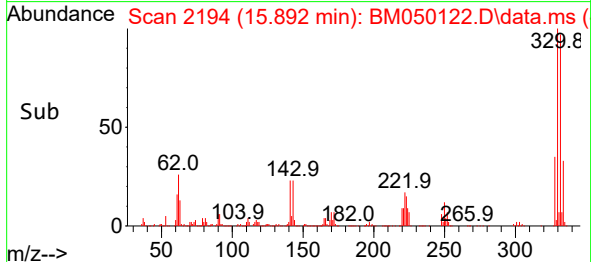
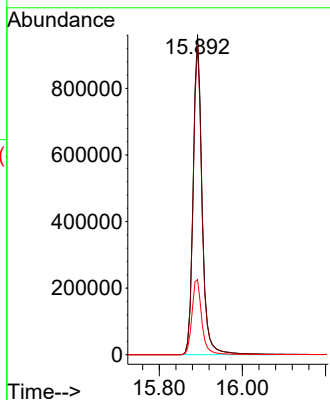
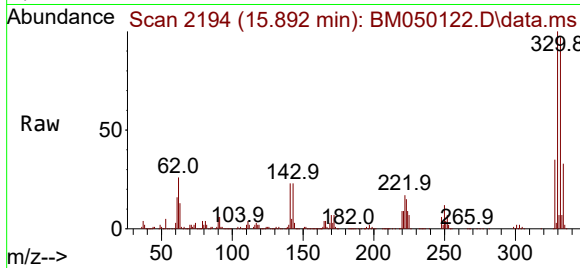
Tgt Ion:330 Resp: 1435211

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 26.0 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 73.718 ng

RT: 13.010 min Scan# 1704

Delta R.T. -0.024 min

Lab File: BM050122.D

Acq: 06 May 2025 16:38

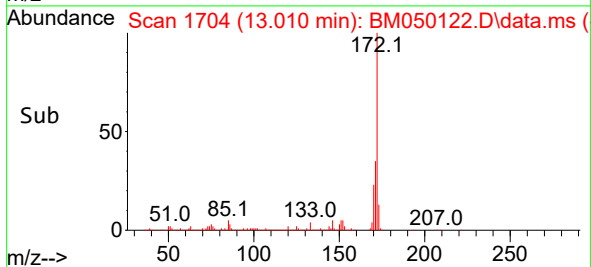
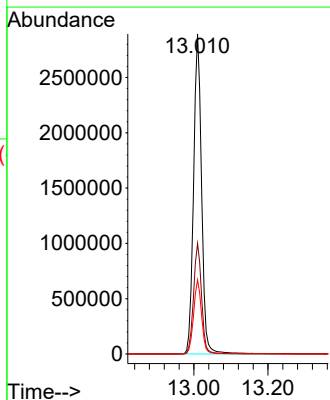
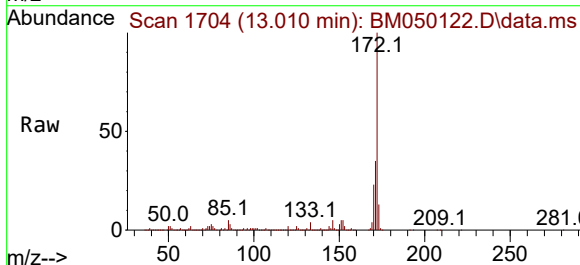
Tgt Ion:172 Resp: 4373565

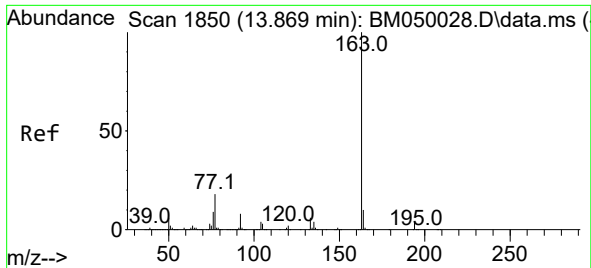
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.2 18.6 28.0

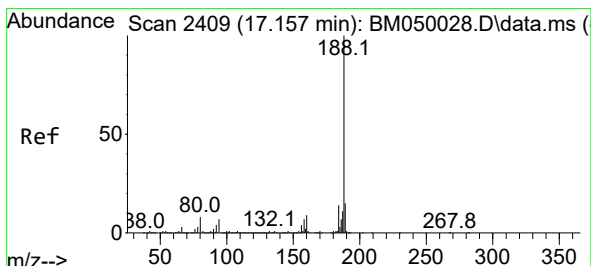
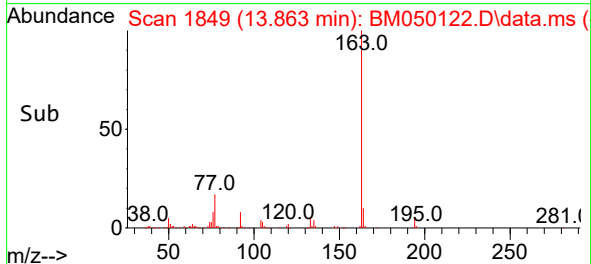
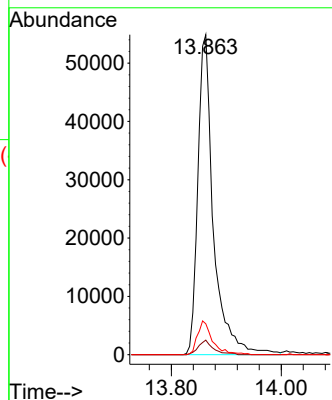
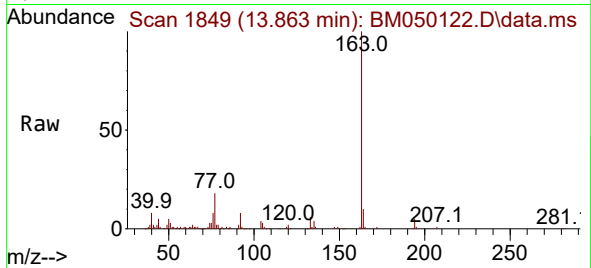




#50
Dimethylphthalate
Concen: 2.109 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

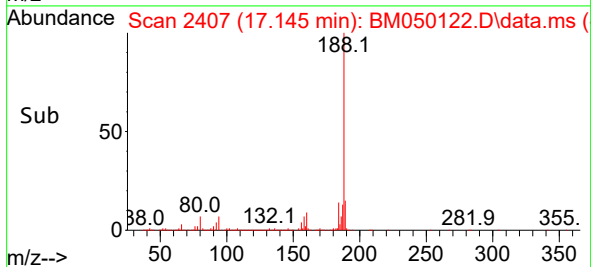
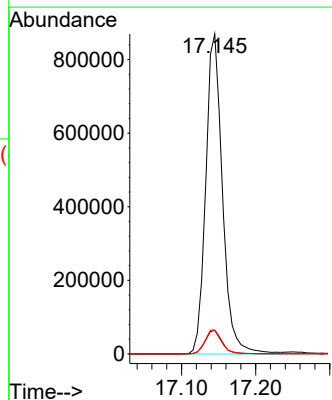
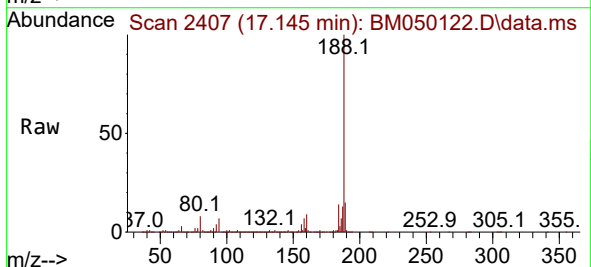
Instrument :
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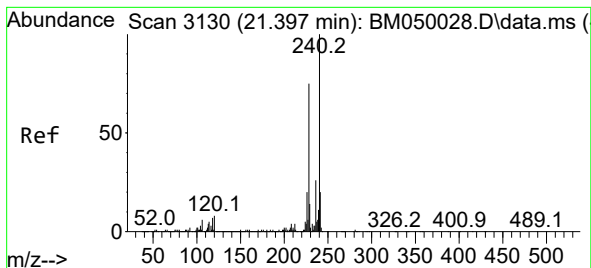
Tgt Ion:163 Resp: 108174
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050122.D
Acq: 06 May 2025 16:38

Tgt Ion:188 Resp: 1365037
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.5 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: BM050122.D

Acq: 06 May 2025 16:38

Instrument :

BNA_M

ClientSampleId :

MH-KK

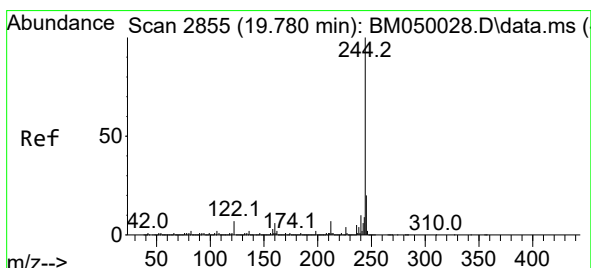
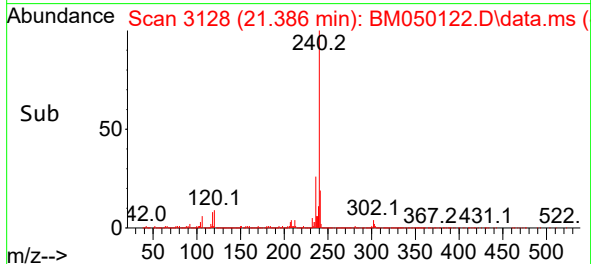
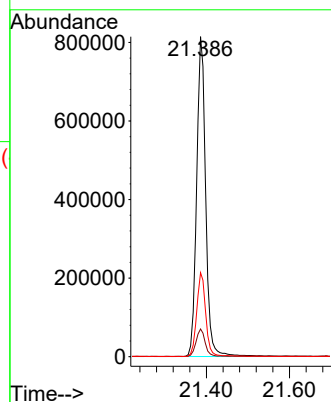
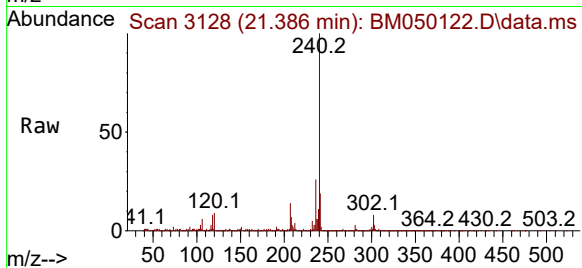
Tgt Ion:240 Resp: 1229890

Ion Ratio Lower Upper

240 100

120 8.7 6.5 9.7

236 26.3 20.9 31.3



#79

Terphenyl-d14

Concen: 89.506 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM050122.D

Acq: 06 May 2025 16:38

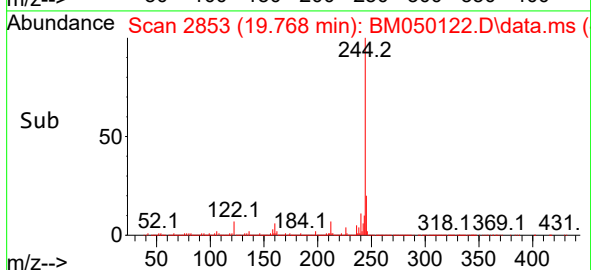
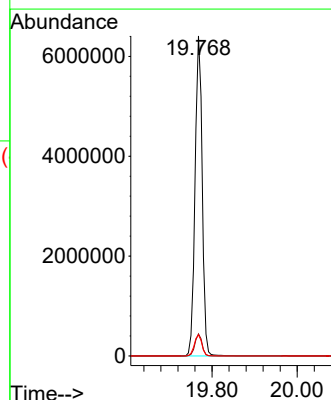
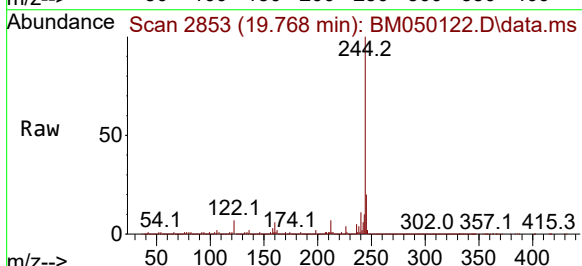
Tgt Ion:244 Resp: 7439318

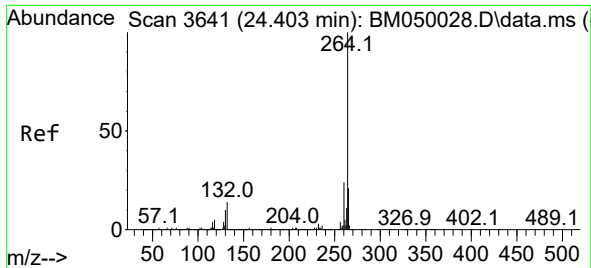
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.6 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.380 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BM050122.D
 Acq: 06 May 2025 16:38

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 1257507
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.8 17.0 25.4

