

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050066.D
 Acq On : 01 May 2025 16:05
 Operator : RC/JU
 Sample : Q1914-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-1

Quant Time: May 01 16:44:51 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)

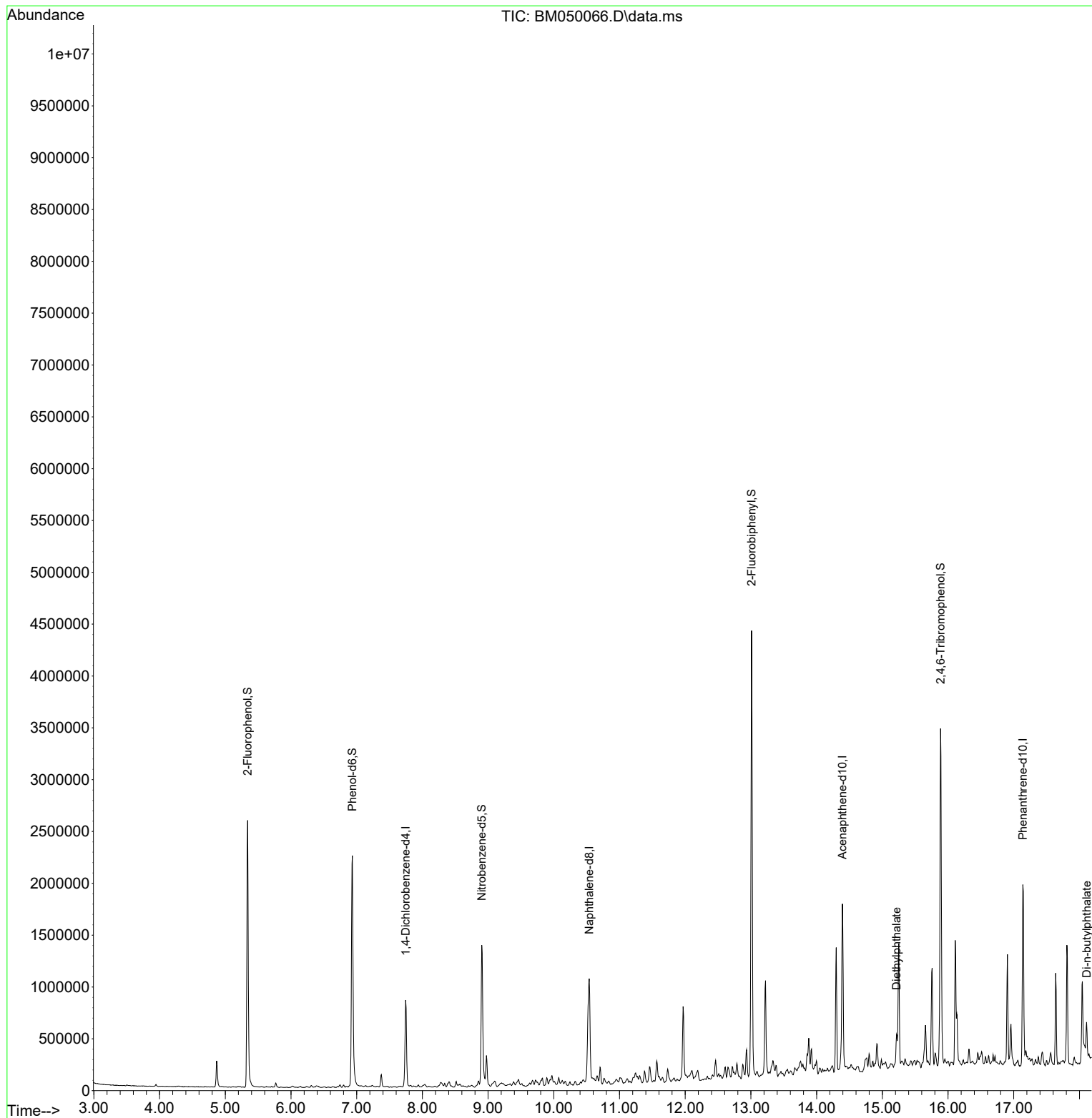
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	239935	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	828165	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	540888	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1067812	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1100864	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1221356	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1164460	84.984	ng	-0.02
7) Phenol-d6	6.934	99	1462699	84.933	ng	-0.02
23) Nitrobenzene-d5	8.904	82	864877	51.461	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	673555	84.218	ng	-0.02
45) 2-Fluorobiphenyl	13.010	172	2275635	49.771	ng	-0.02
79) Terphenyl-d14	19.768	244	3673095	49.372	ng	-0.01
Target Compounds						
60) Diethylphthalate	15.215	149	236705	6.355	ng	99
74) Di-n-butylphthalate	18.109	149	327560	5.201	ng	98

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

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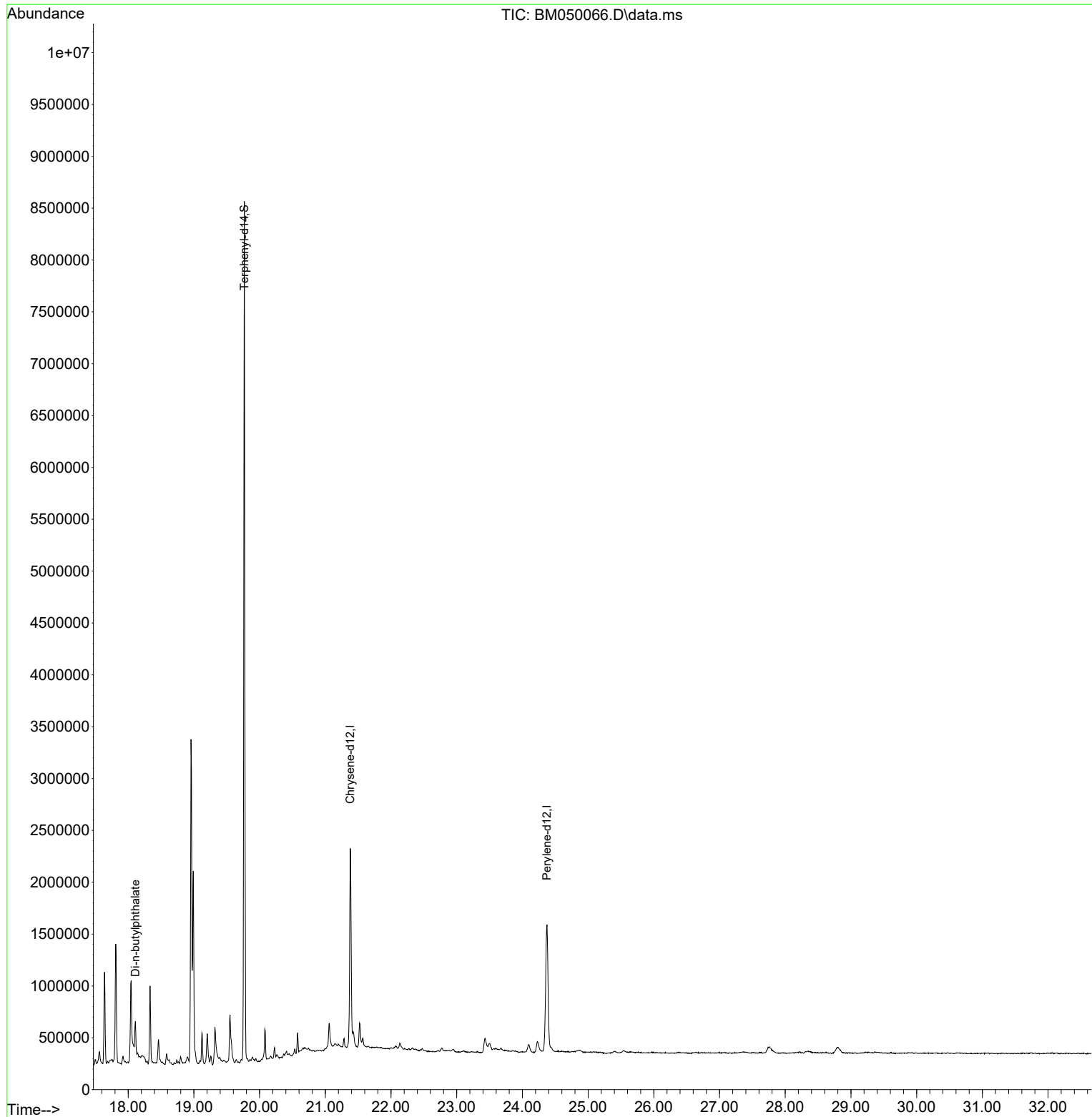
Quant Time: May 01 16:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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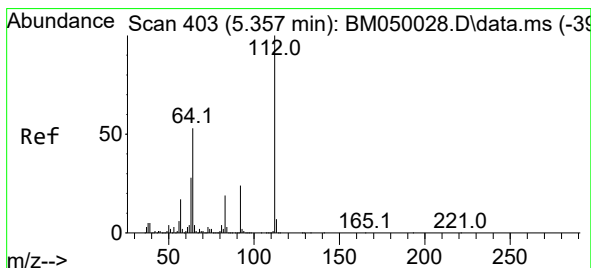
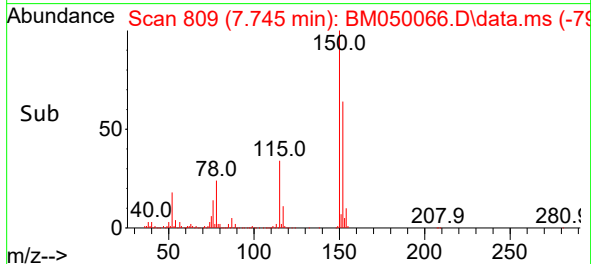
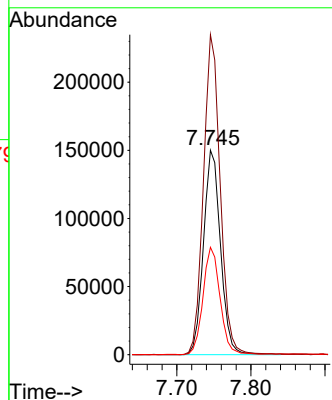
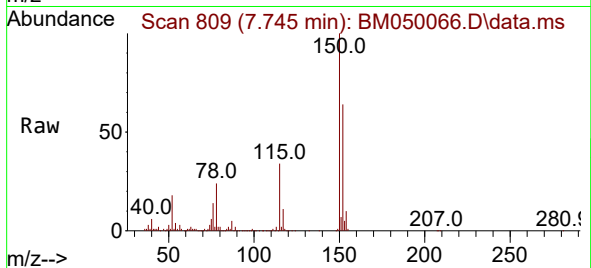




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

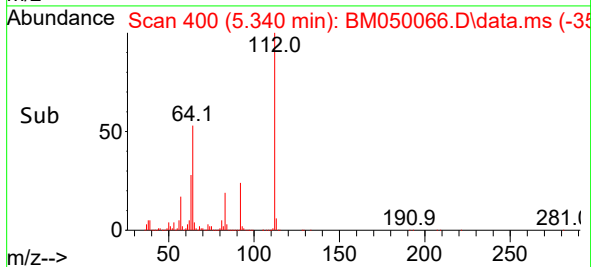
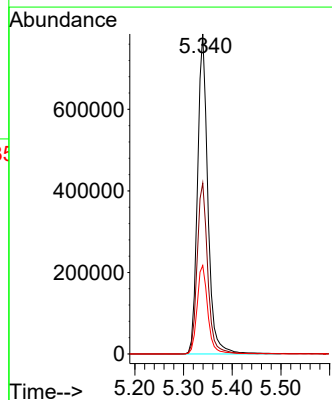
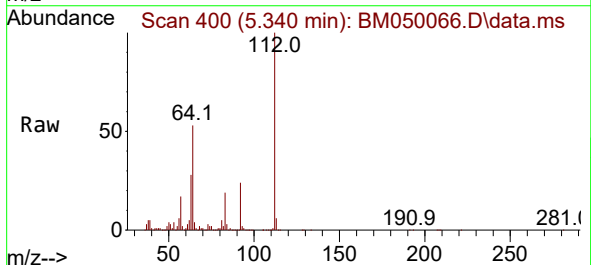
Instrument :
BNA_M
ClientSampleId :
SS-1

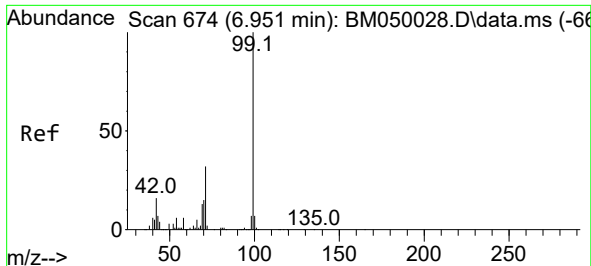
Tgt Ion:152 Resp: 239935
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 52.5 41.2 61.8



#5
2-Fluorophenol
Concen: 84.984 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:112 Resp: 1164460
Ion Ratio Lower Upper
112 100
64 53.4 42.6 64.0
63 27.6 22.2 33.4





Phenol-d6

Concen: 84.933 ng

RT: 6.934 min Scan# 61

Delta R.T. -0.018 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

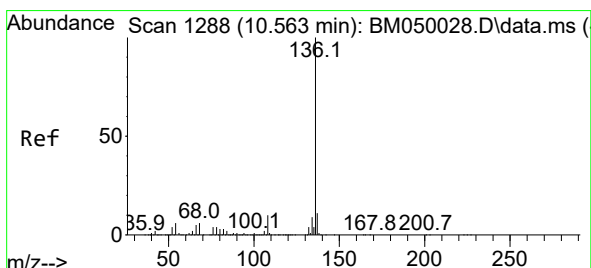
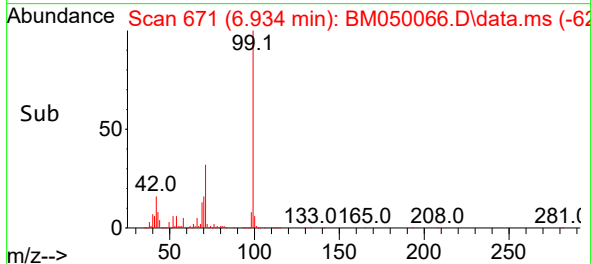
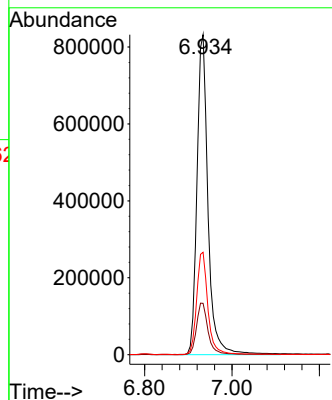
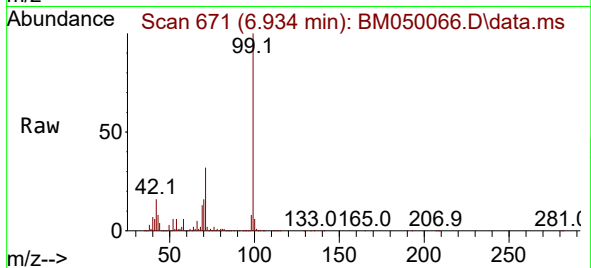
Tgt Ion: 99 Resp: 1462699

Ion Ratio Lower Upper

99 100

42 16.0 13.0 19.4

71 32.0 25.6 38.4



Naphthalene-d8

Concen: 20.000 ng

RT: 10.539 min Scan# 1284

Delta R.T. -0.024 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Tgt Ion: 136 Resp: 828165

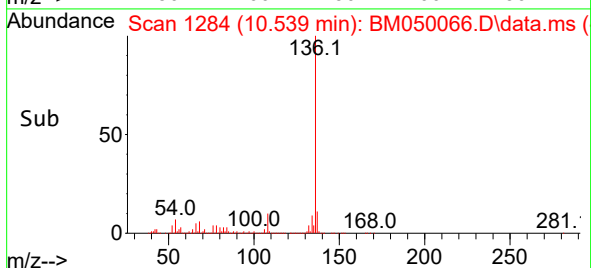
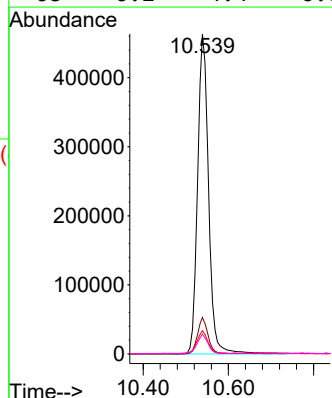
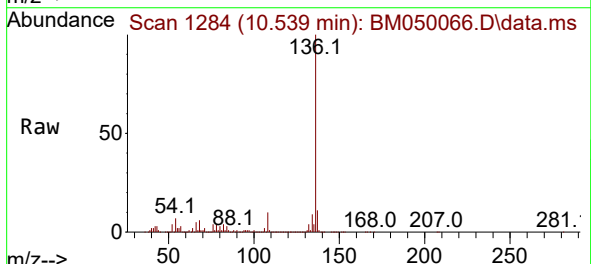
Ion Ratio Lower Upper

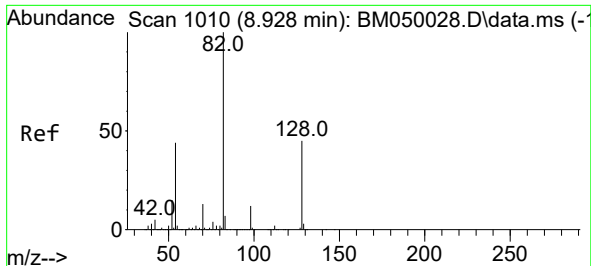
136 100

137 11.4 8.9 13.3

54 7.3 5.1 7.7

68 6.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 51.461 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

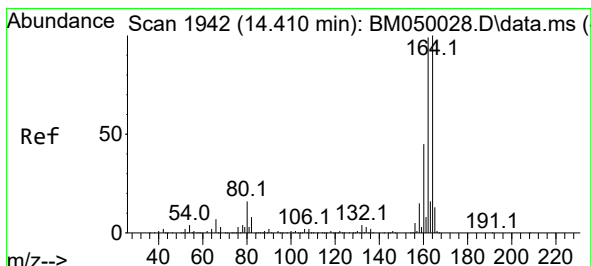
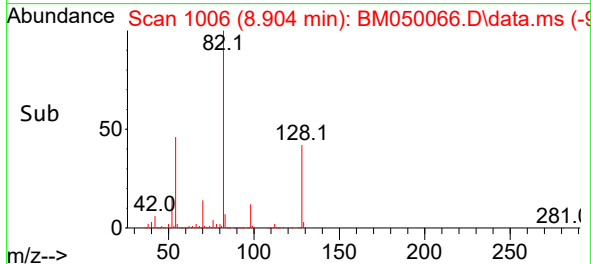
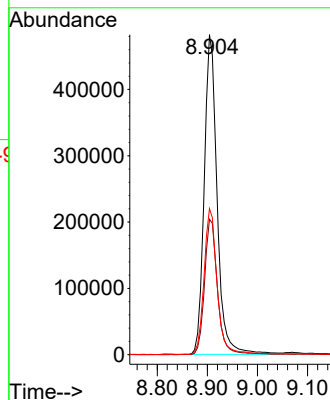
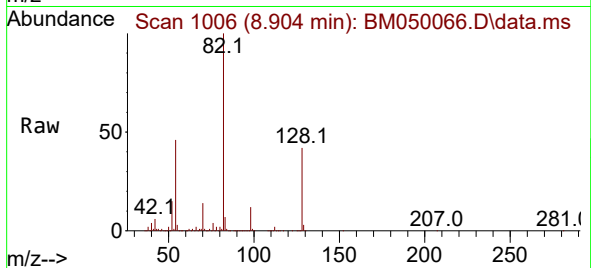
Tgt Ion: 82 Resp: 864877

Ion Ratio Lower Upper

82 100

128 42.3 35.7 53.5

54 45.6 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: BM050066.D

Acq: 01 May 2025 16:05

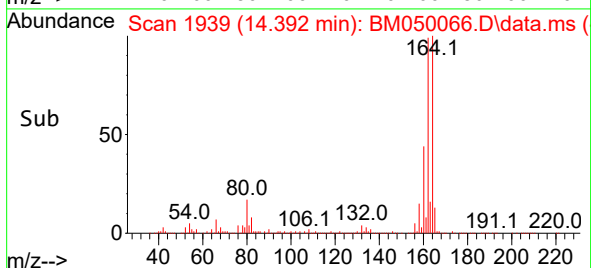
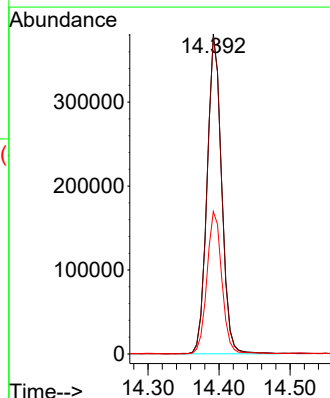
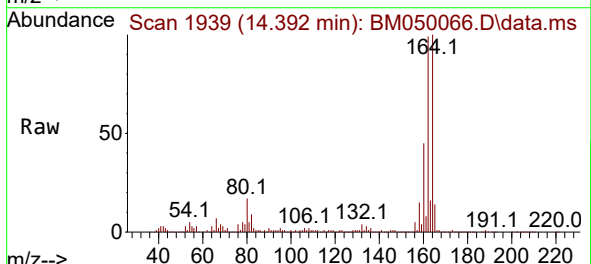
Tgt Ion: 164 Resp: 540888

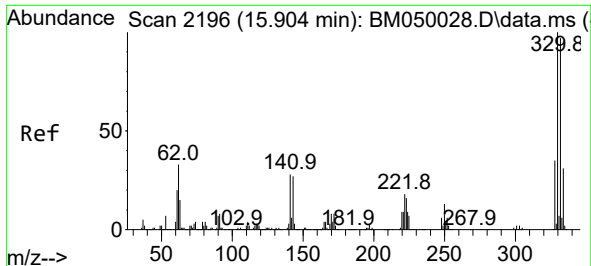
Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.0

160 44.5 36.2 54.4

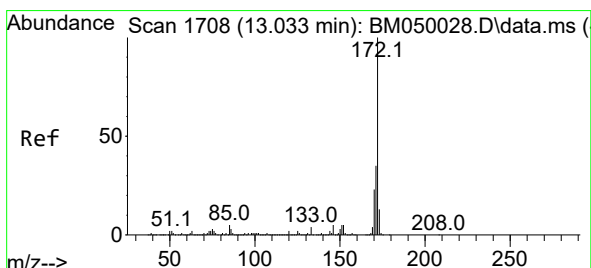
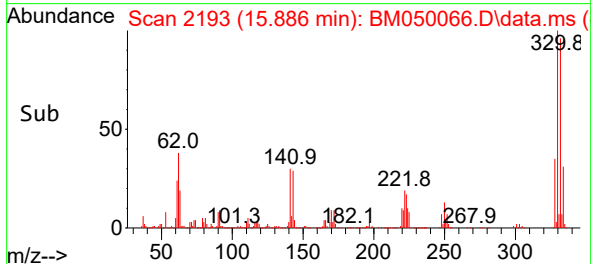
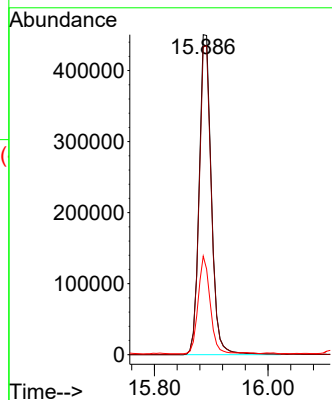
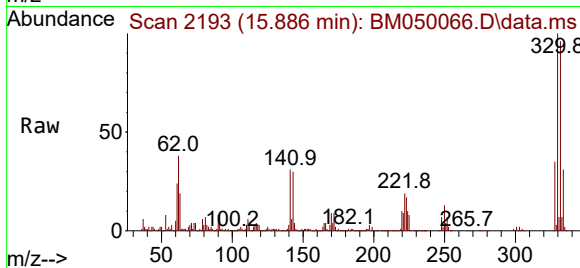




#42
2,4,6-Tribromophenol
Concen: 84.218 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

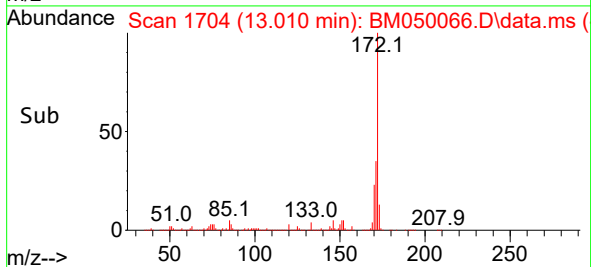
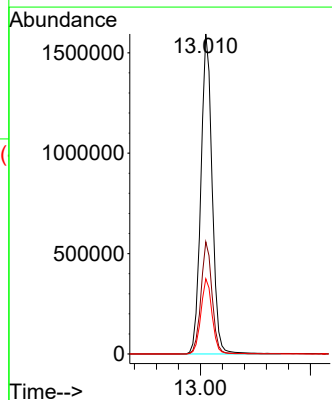
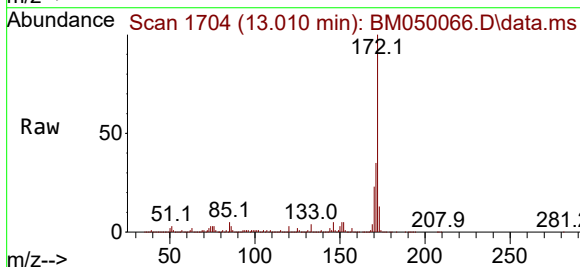
Instrument :
BNA_M
ClientSampleId :
SS-1

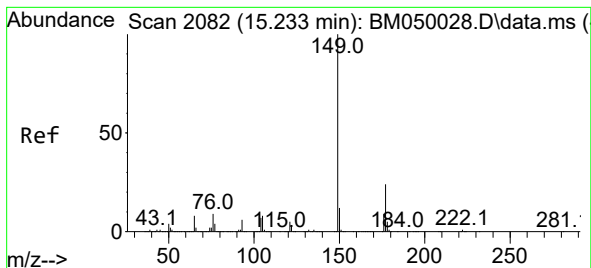
Tgt Ion:330 Resp: 673555
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 49.771 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:172 Resp: 2275635
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.5 18.6 28.0





#60

Diethylphthalate

Concen: 6.355 ng

RT: 15.215 min Scan# 2082

Delta R.T. -0.018 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

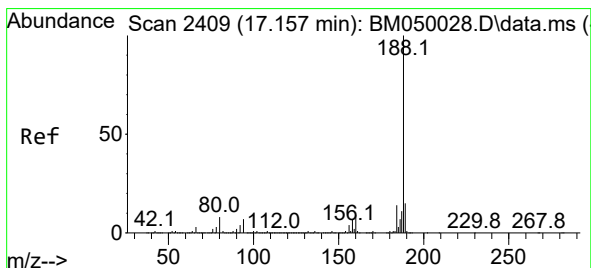
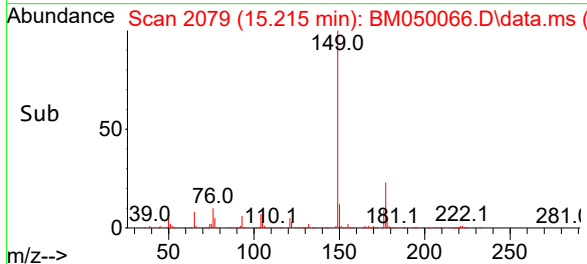
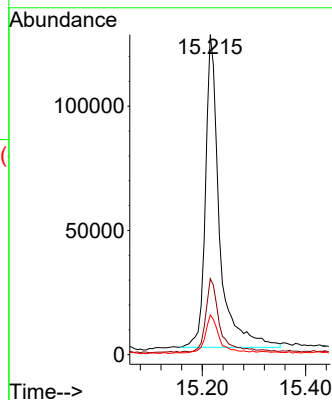
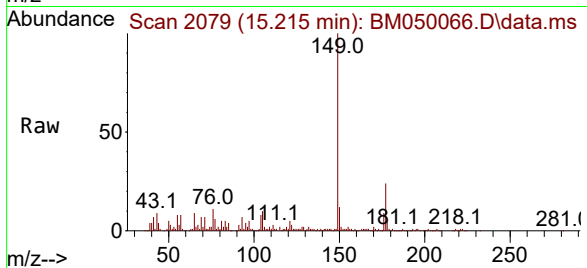
Tgt Ion:149 Resp: 236705

Ion Ratio Lower Upper

149 100

177 23.7 19.1 28.7

150 12.4 9.6 14.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

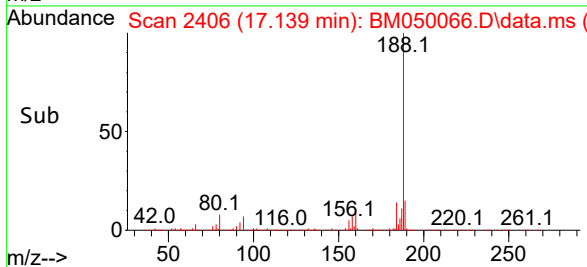
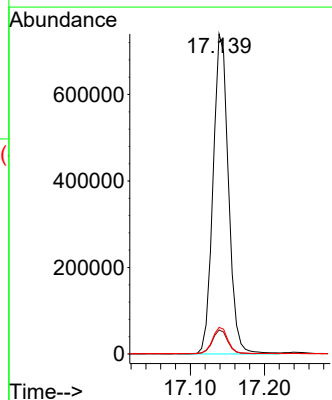
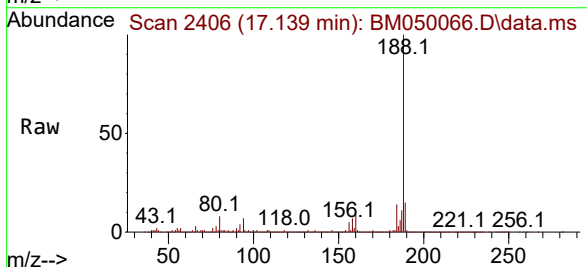
Tgt Ion:188 Resp: 1067812

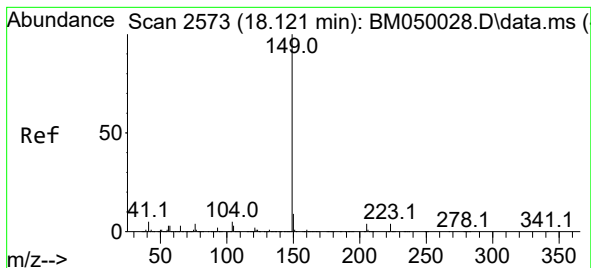
Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

80 8.3 6.2 9.4





#74

Di-n-butylphthalate

Concen: 5.201 ng

RT: 18.109 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

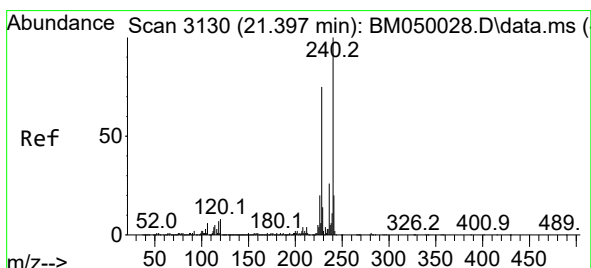
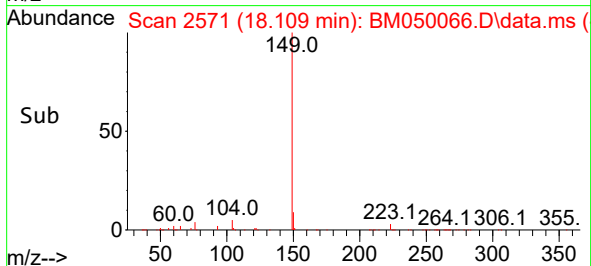
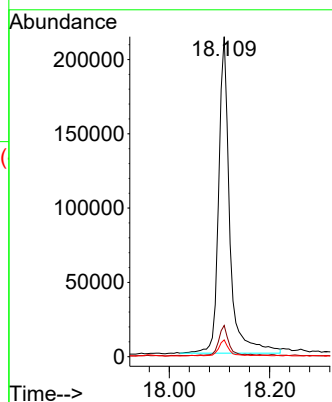
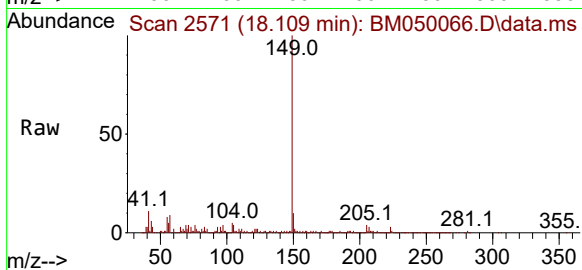
Tgt Ion:149 Resp: 327560

Ion Ratio Lower Upper

149 100

150 9.8 7.3 10.9

104 5.3 3.8 5.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.017 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

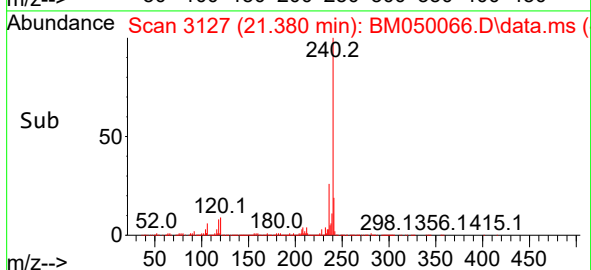
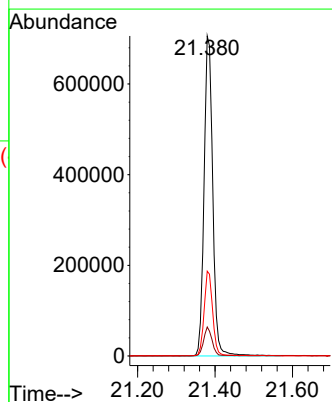
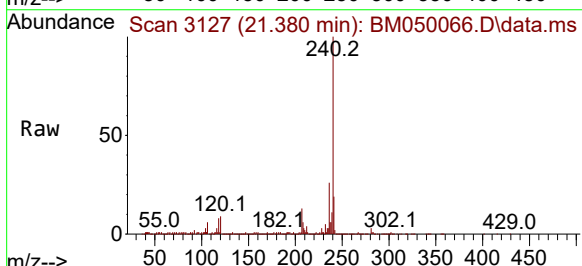
Tgt Ion:240 Resp: 1100864

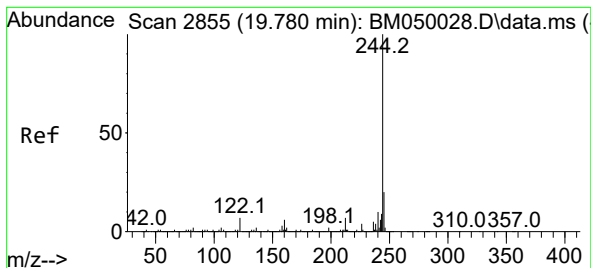
Ion Ratio Lower Upper

240 100

120 9.1 6.5 9.7

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 49.372 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050066.D

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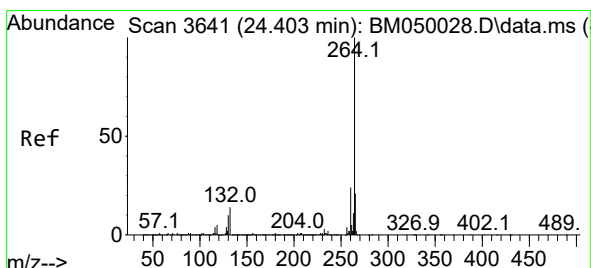
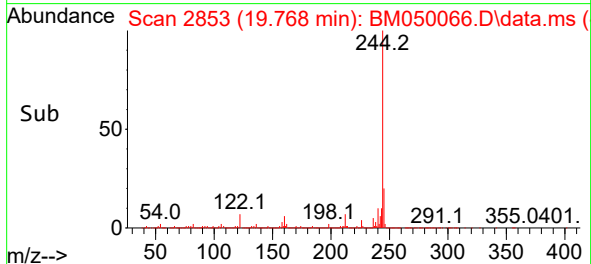
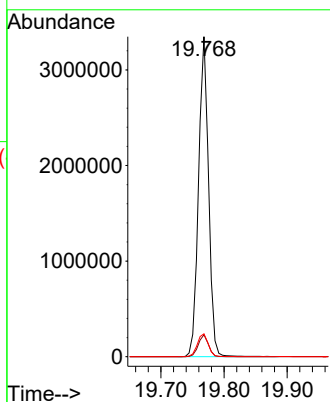
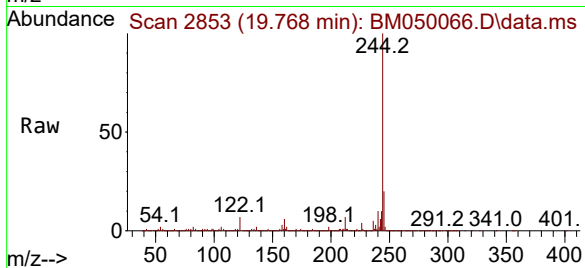
Tgt Ion:244 Resp: 3673095

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 7.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.030 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Tgt Ion:264 Resp: 1221356

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.0 17.0 25.4

