

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050113.D
 Acq On : 06 May 2025 10:42
 Operator : RC/JU
 Sample : PB167857BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167857BL

Quant Time: May 06 11:39:29 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	235907	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	822298	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	526225	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1048322	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	965231	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1050730	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1845158	136.961	ng	-0.02
7) Phenol-d6	6.934	99	2182597	128.898	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1328516	79.612	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1062710	136.579	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3514426	79.006	ng	-0.02
79) Terphenyl-d14	19.768	244	5945797	91.152	ng	-0.01

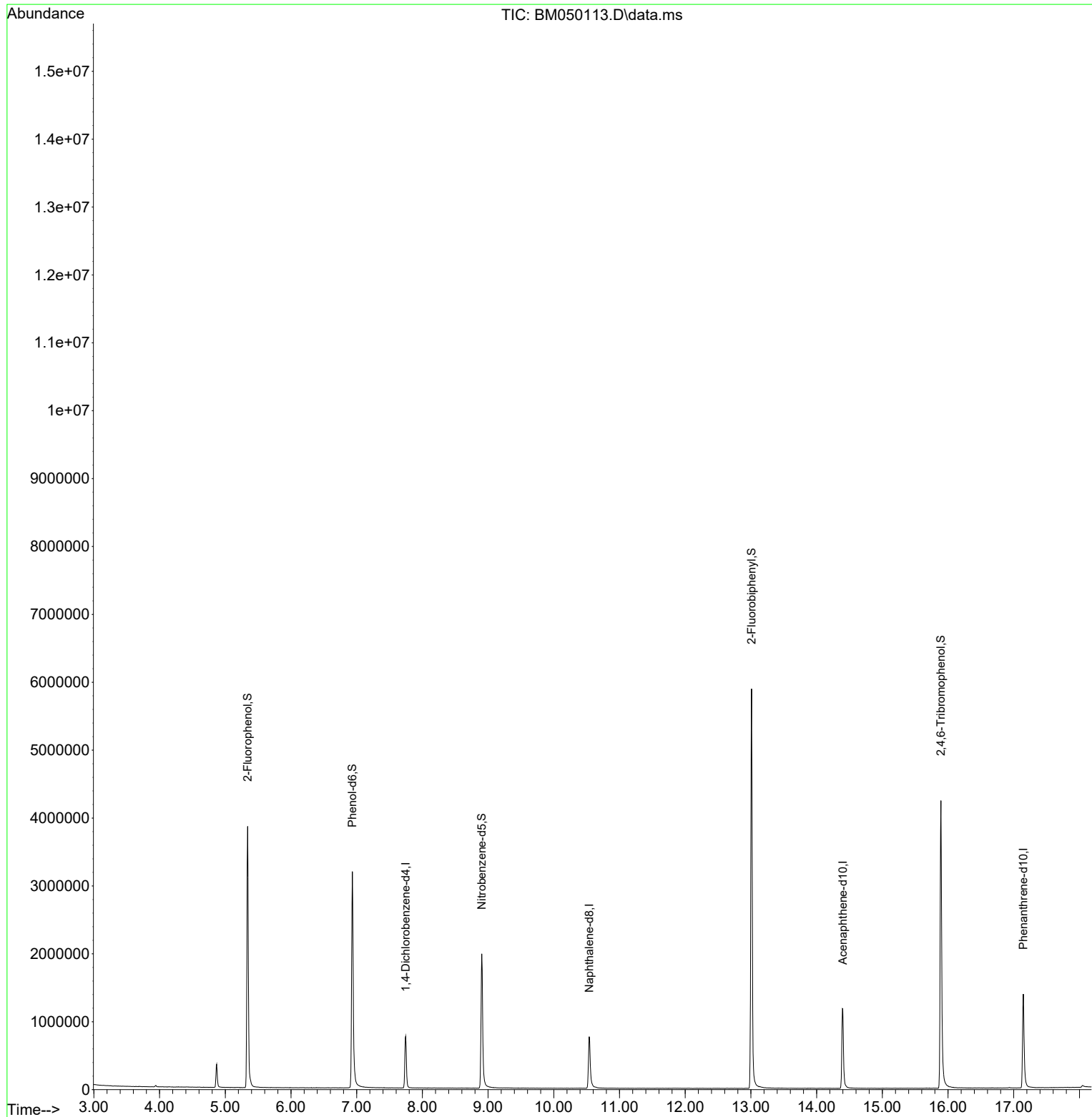
Target Compounds	Qvalue

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

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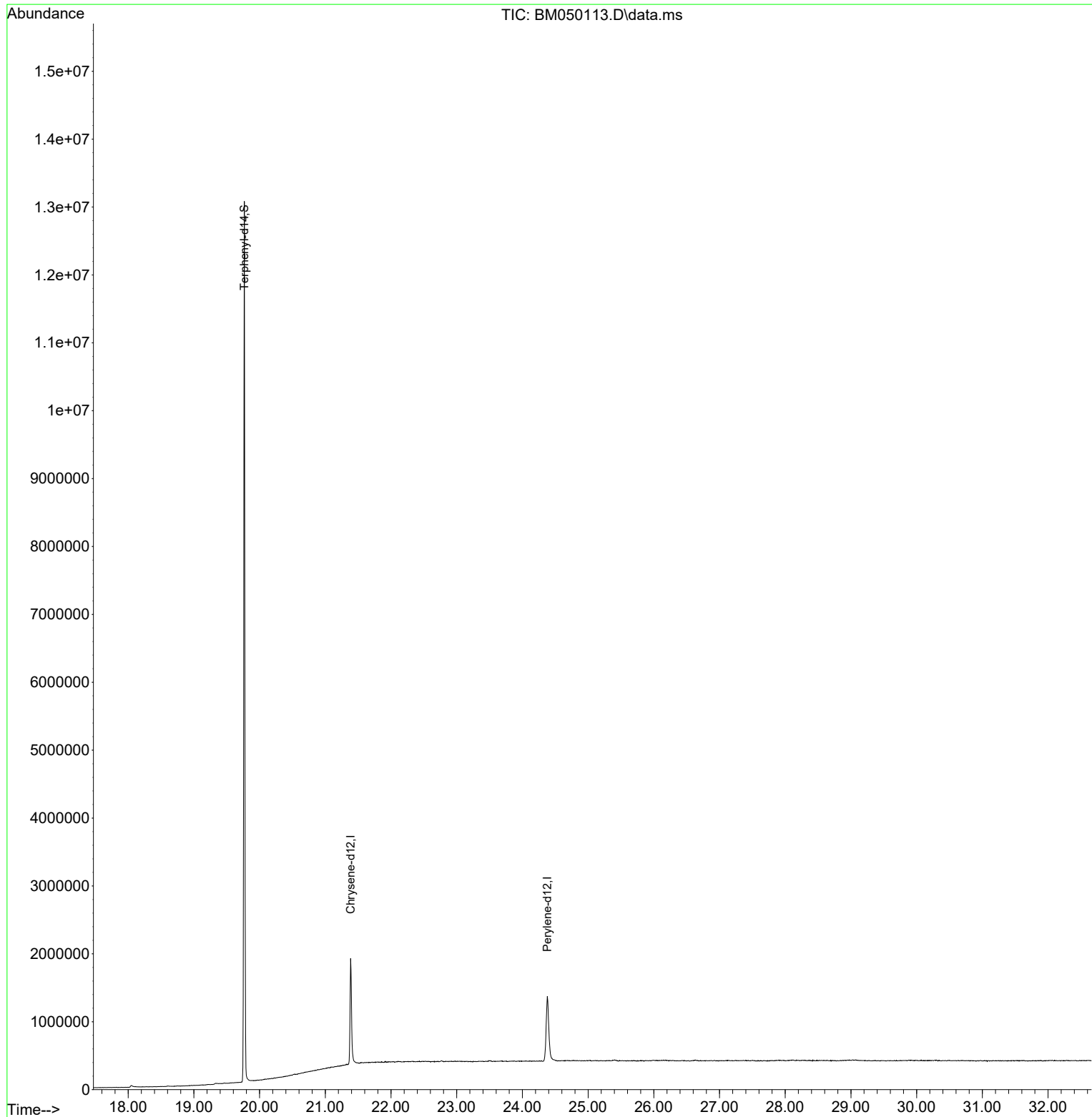
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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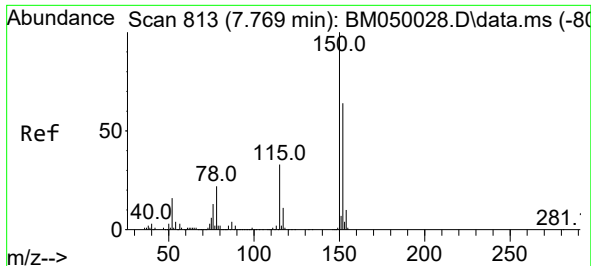


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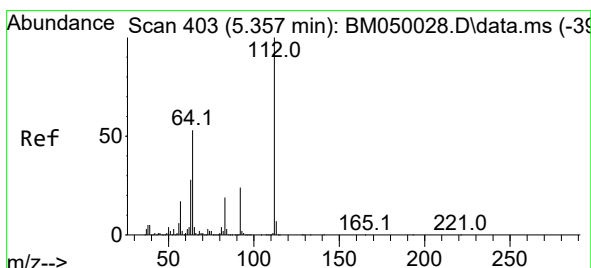
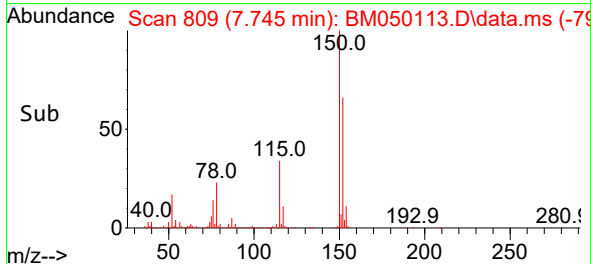
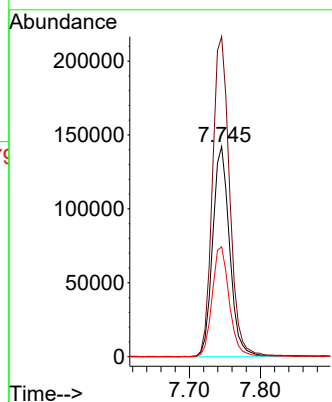
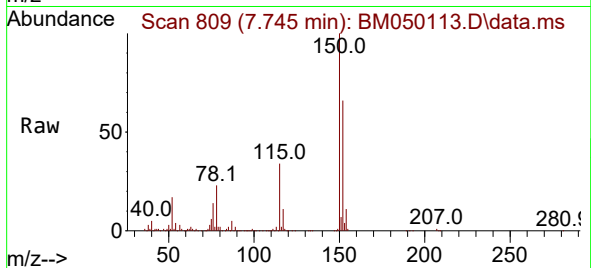




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

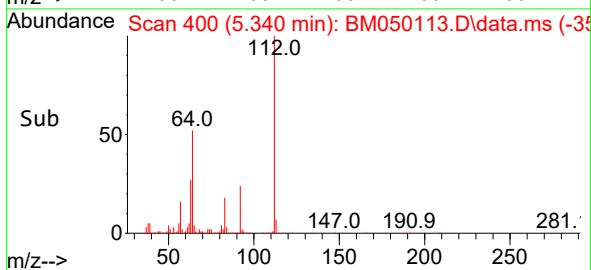
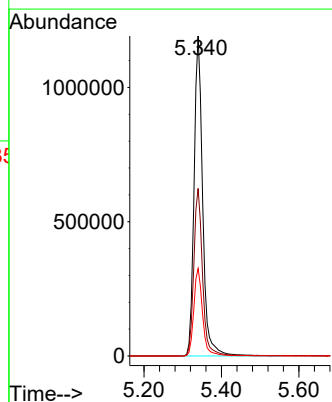
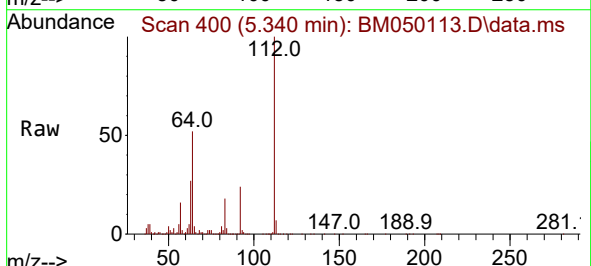
Instrument :
BNA_M
ClientSampleId :
PB167857BL

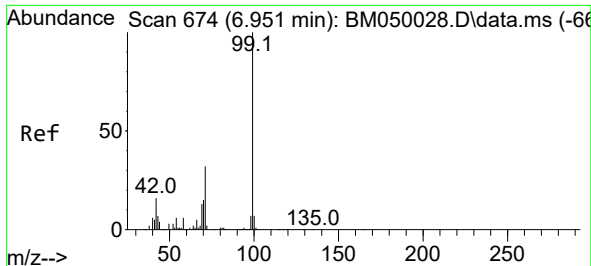
Tgt Ion:152 Resp: 235907
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 52.3 41.2 61.8



#5
2-Fluorophenol
Concen: 136.961 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:112 Resp: 1845158
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.3 22.2 33.4

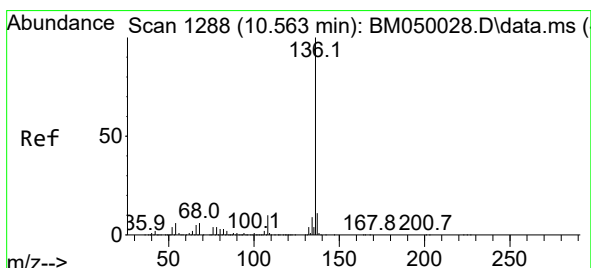
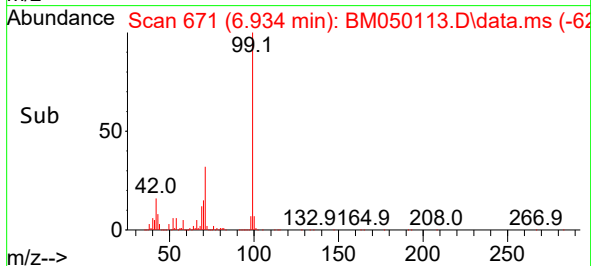
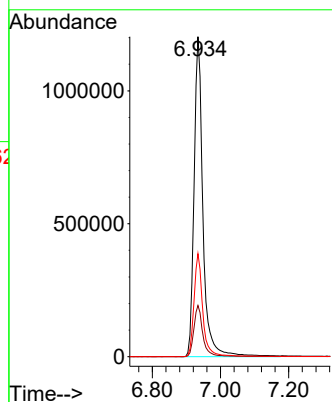
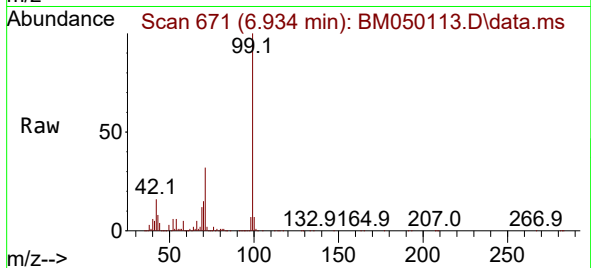




#7
Phenol-d6
Concen: 128.898 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

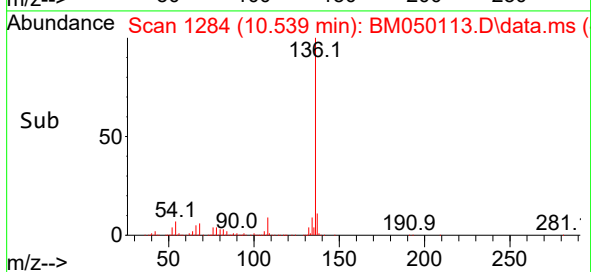
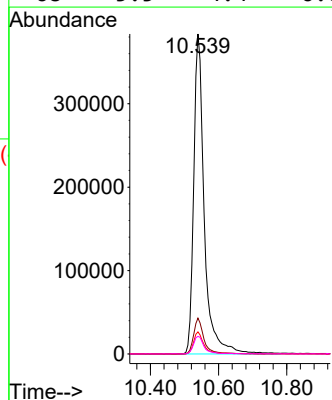
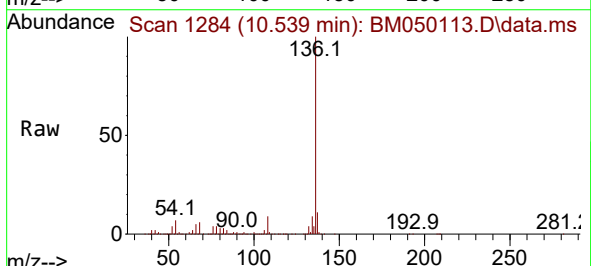
Instrument :
BNA_M
ClientSampleId :
PB167857BL

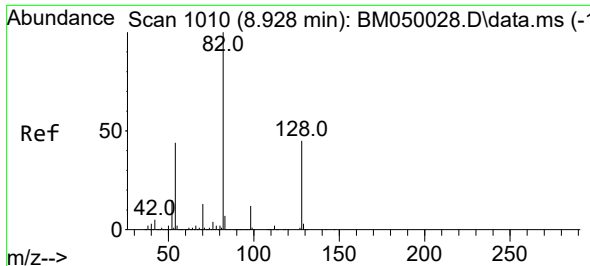
Tgt Ion: 99 Resp: 2182597
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion: 136 Resp: 822298
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.9 5.1 7.7
68 5.5 4.4 6.6

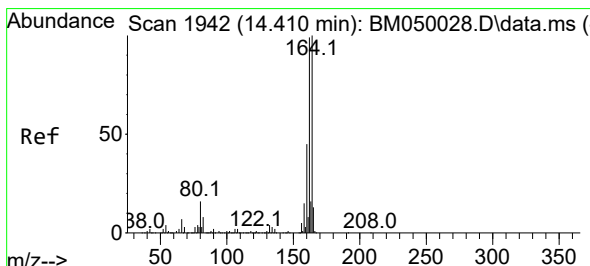
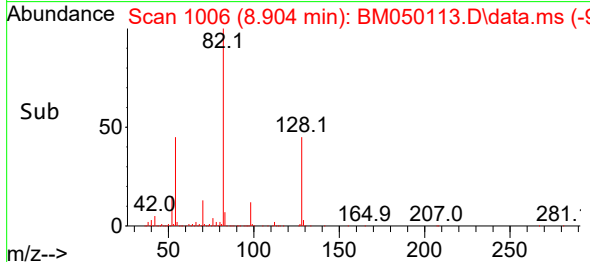
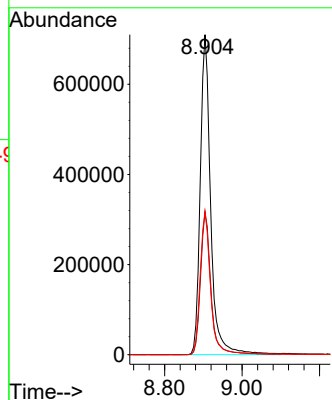
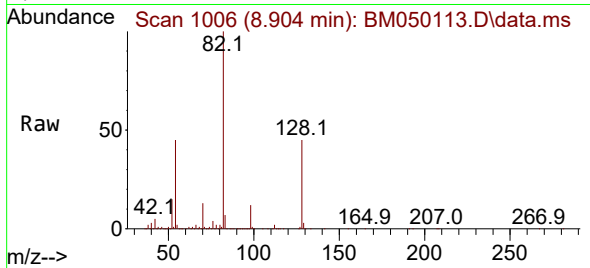




#23
Nitrobenzene-d5
Concen: 79.612 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

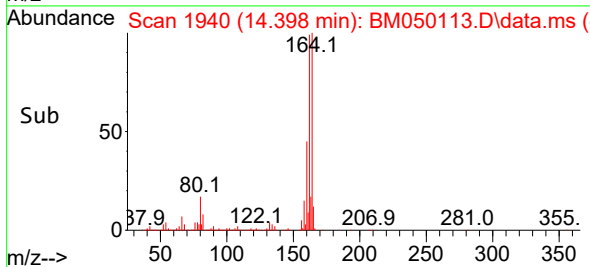
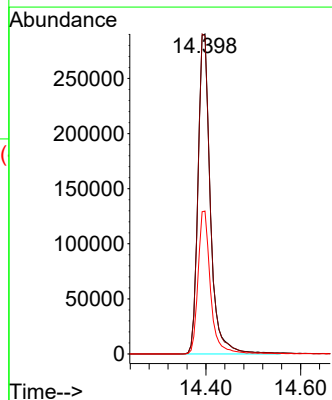
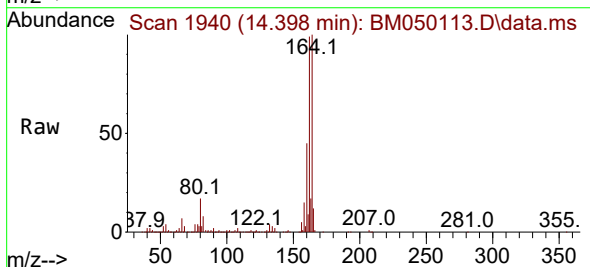
Instrument :
BNA_M
ClientSampleId :
PB167857BL

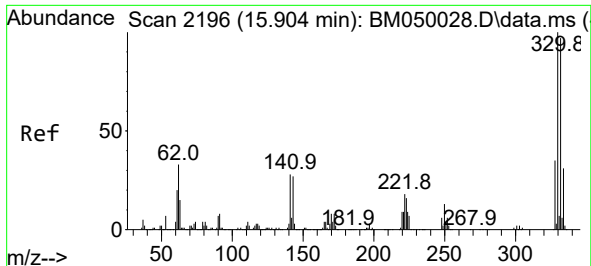
Tgt Ion: 82 Resp: 1328516
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 44.8 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion: 164 Resp: 526225
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.7 36.2 54.4

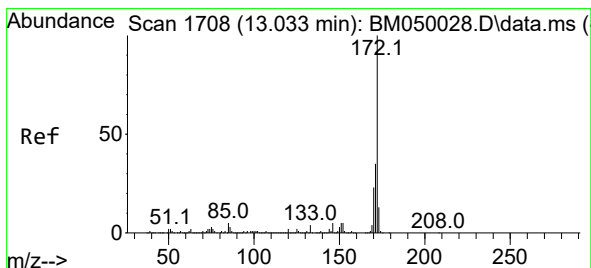
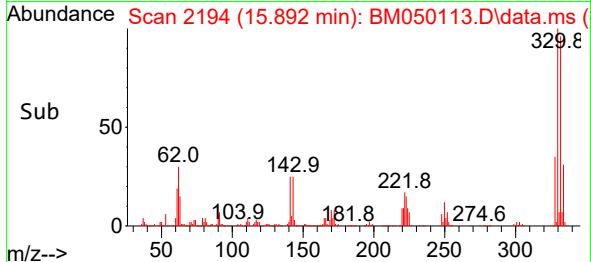
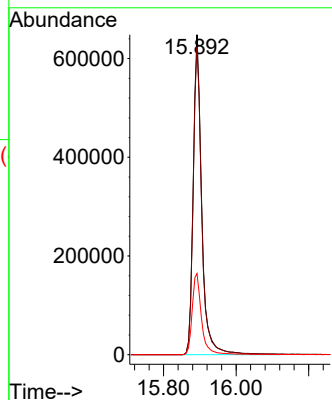
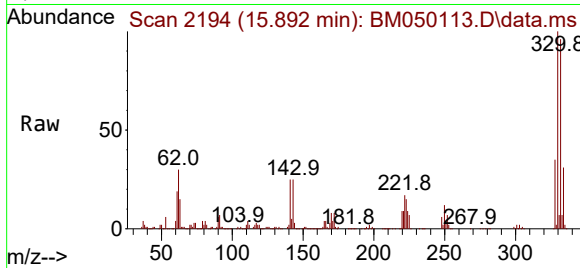




#42
2,4,6-Tribromophenol
Concen: 136.579 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

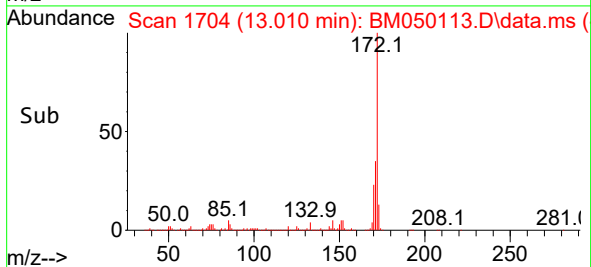
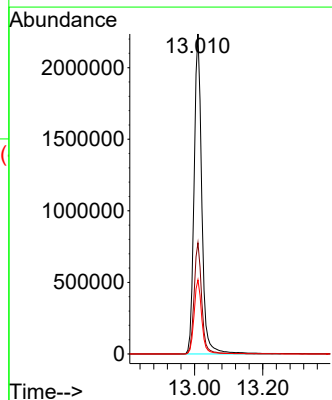
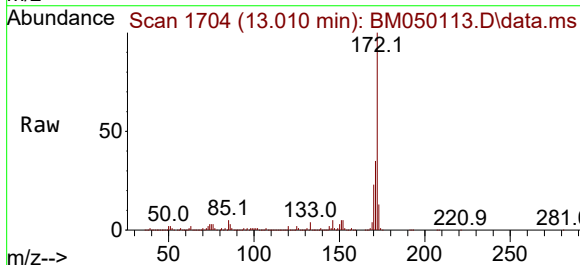
Instrument :
BNA_M
ClientSampleId :
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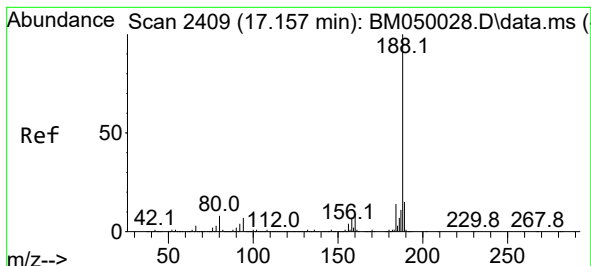
Tgt Ion:330 Resp: 1062710
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.7 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 79.006 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050113.D
Acq: 06 May 2025 10:42

Tgt Ion:172 Resp: 3514426
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.1 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: BM050113.D

Acq: 06 May 2025 10:42

Instrument :

BNA_M

ClientSampleId :

PB167857BL

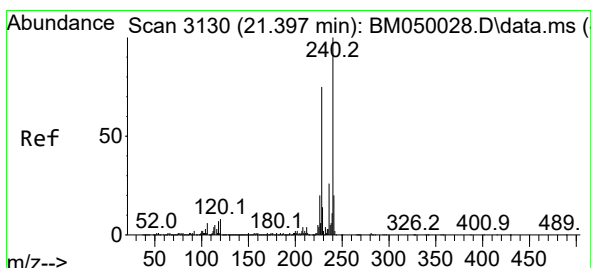
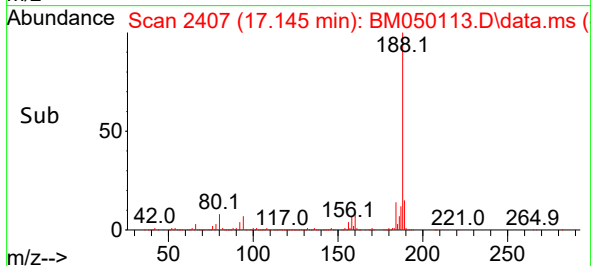
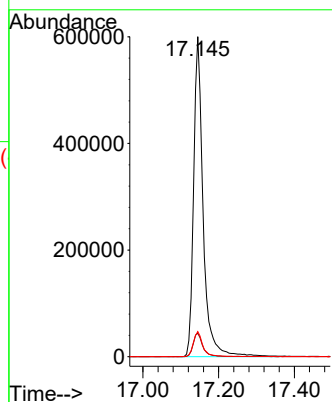
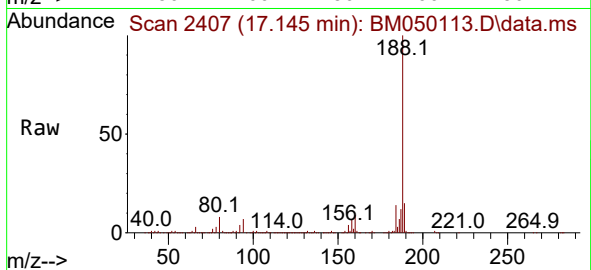
Tgt Ion:188 Resp: 1048322

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 7.8 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050113.D

Acq: 06 May 2025 10:42

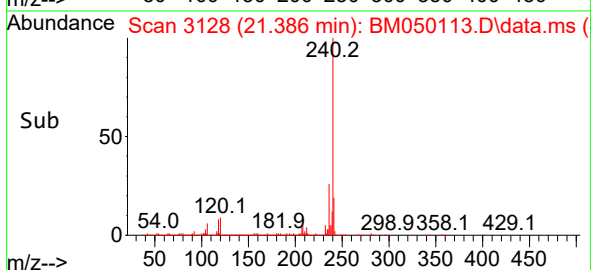
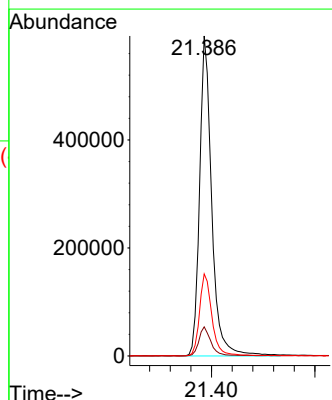
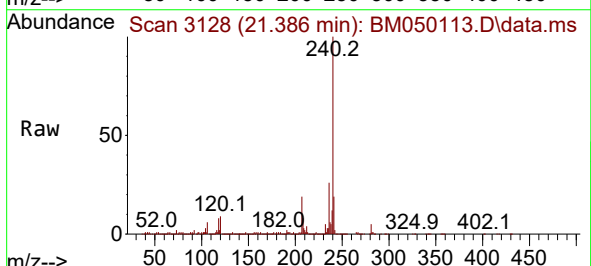
Tgt Ion:240 Resp: 965231

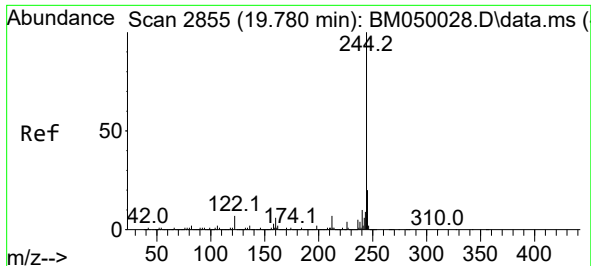
Ion Ratio Lower Upper

240 100

120 9.1 6.5 9.7

236 25.7 20.9 31.3

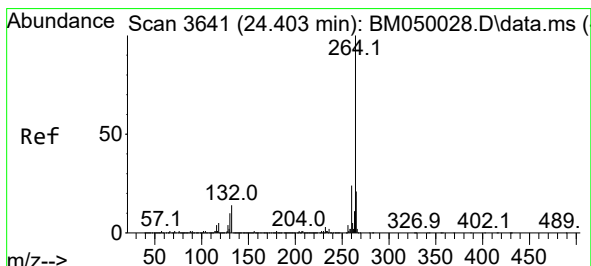
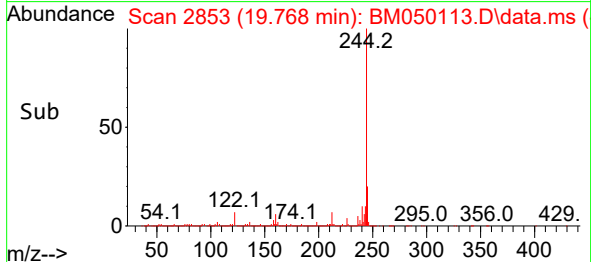
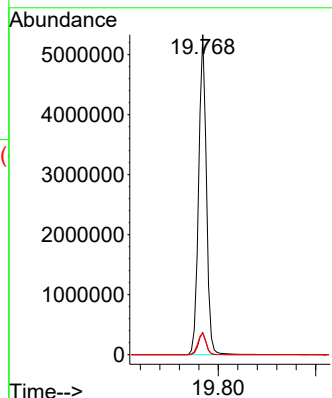
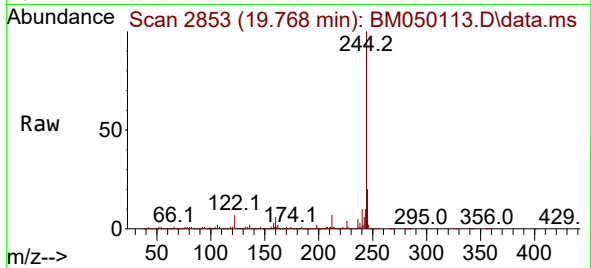




#79
 Terphenyl-d14
 Concen: 91.152 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050113.D
 Acq: 06 May 2025 10:42

Instrument :
 BNA_M
 ClientSampleId :
 PB167857BL

Tgt Ion:244 Resp: 5945797
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.380 min Scan# 3637
 Delta R.T. -0.024 min
 Lab File: BM050113.D
 Acq: 06 May 2025 10:42

Tgt Ion:264 Resp: 1050730
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.6 17.0 25.4

