

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050377.D
 Acq On : 08 Jul 2025 12:39
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

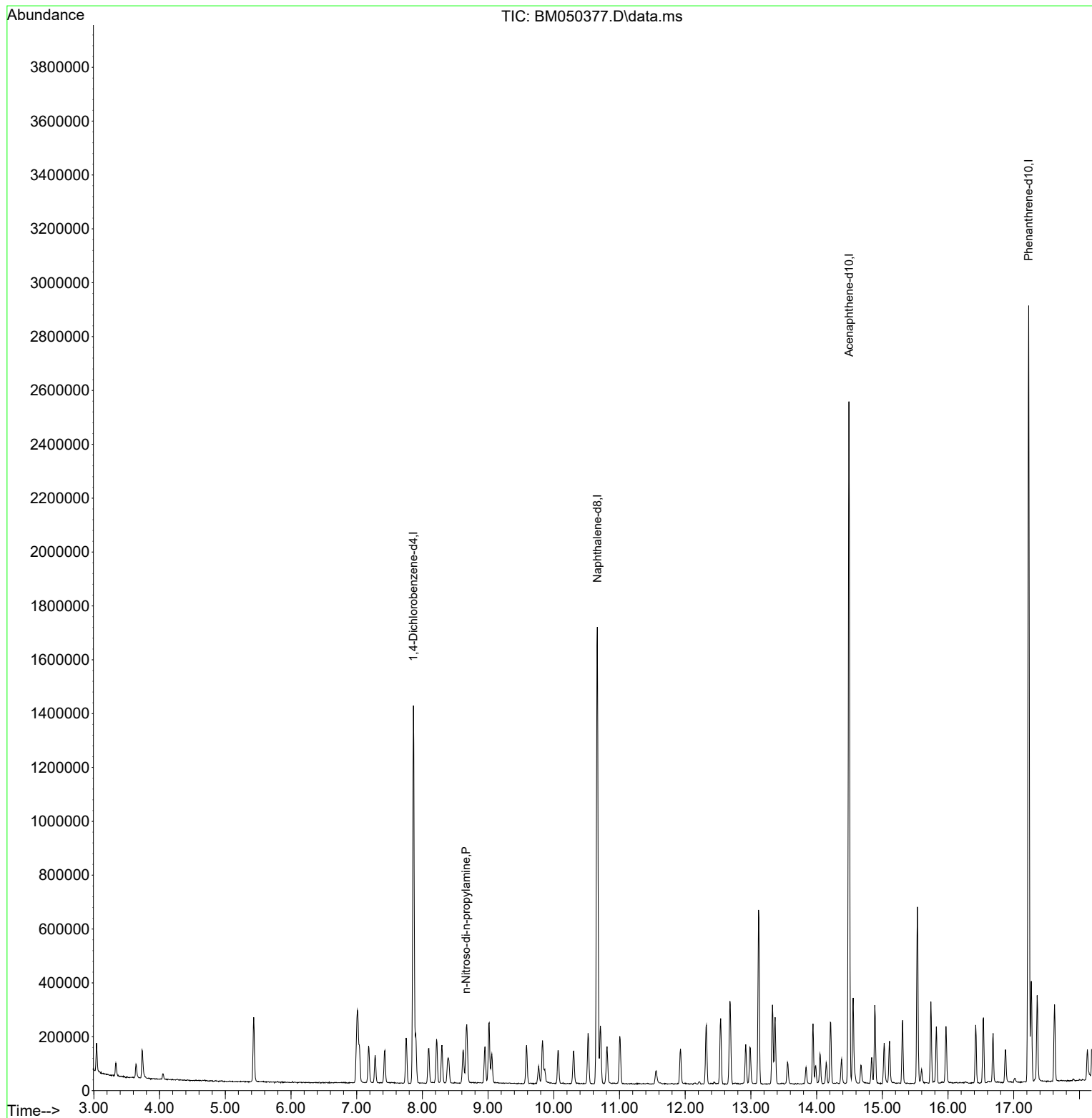
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.663	70	37375	2.226	ng	Qvalue 100

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

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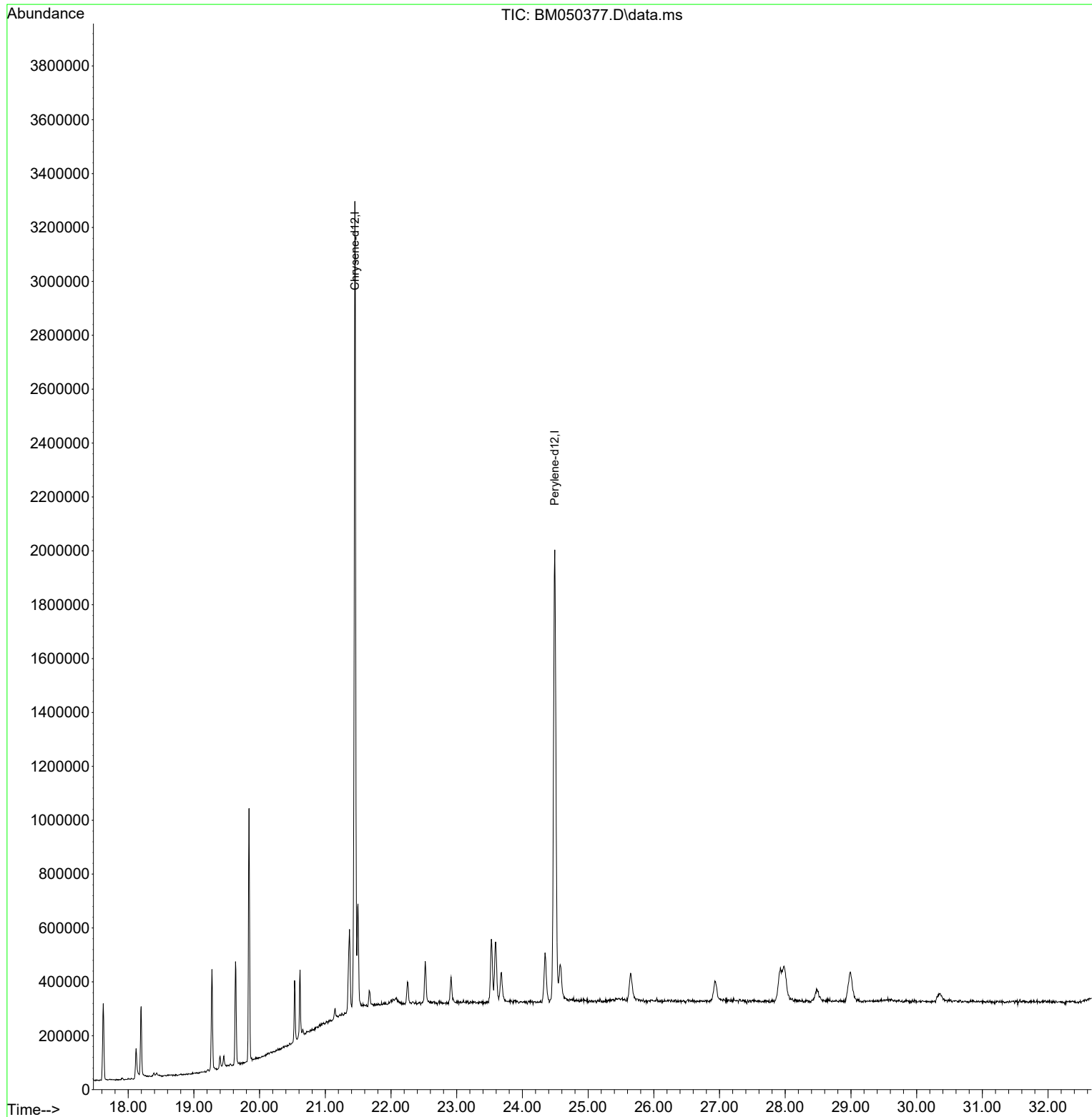
Quant Time: Jul 08 18:19:03 2025
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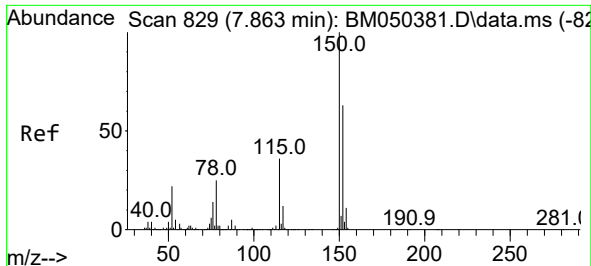


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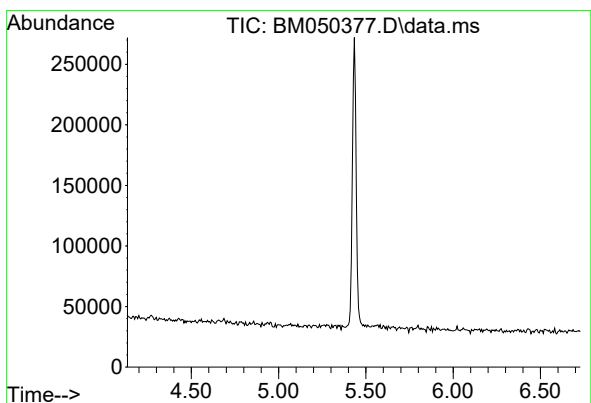
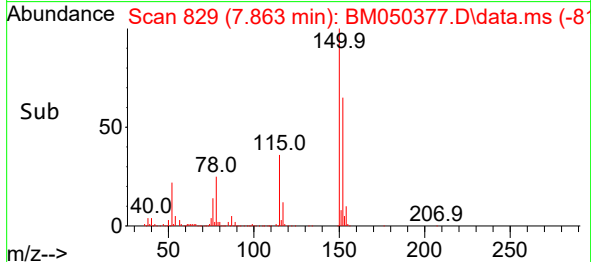
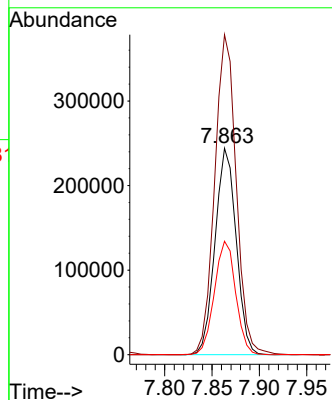
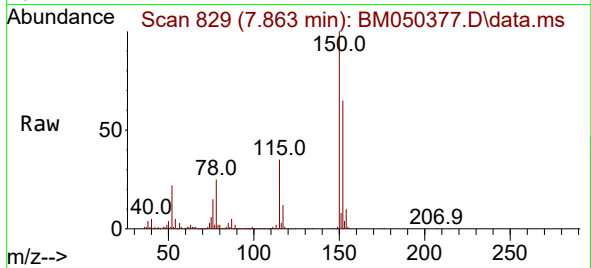




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

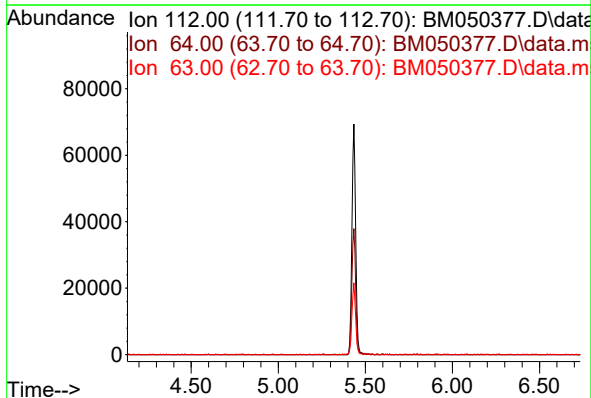
Tgt Ion:152 Resp: 378493
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 55.0 45.8 68.8

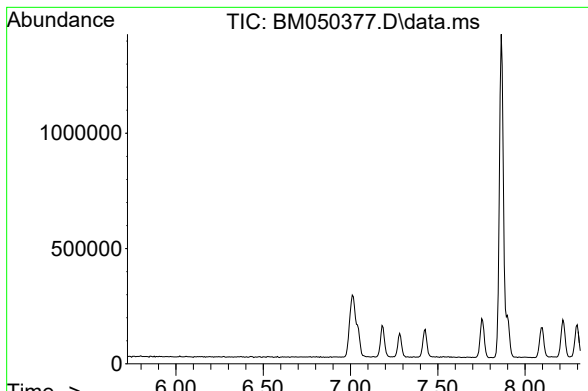


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.9
63 30.3



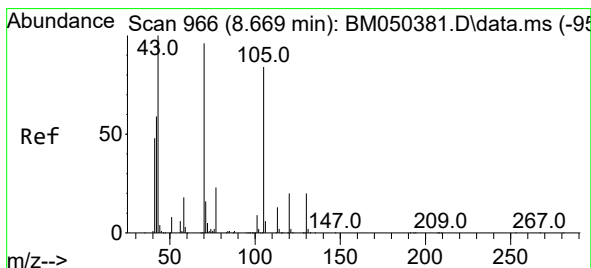
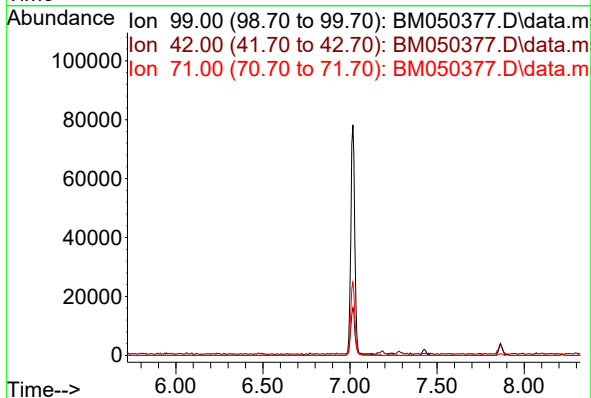


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.02 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

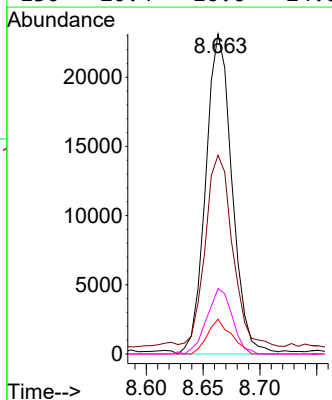
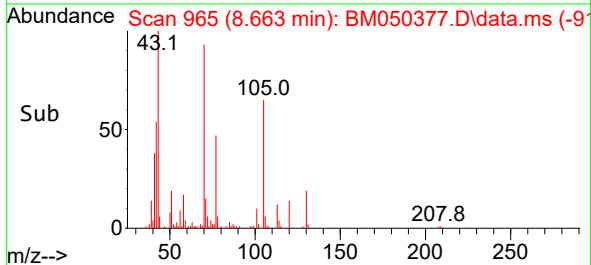
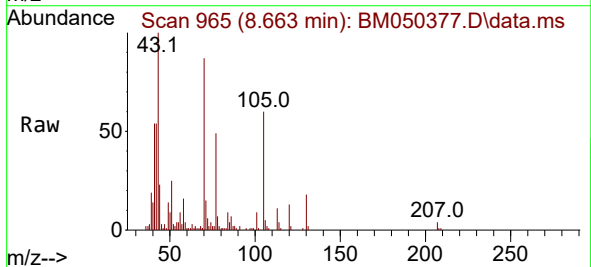
Sig	Exp Ratio
99	100
42	18.8
71	32.4

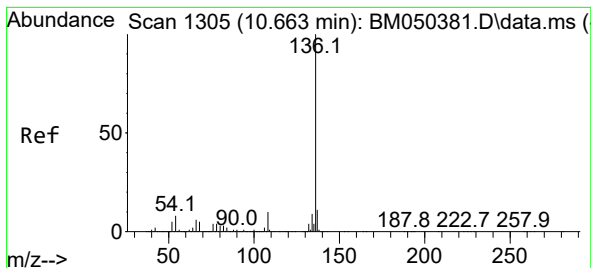


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.226 ng
 RT: 8.663 min Scan# 965
 Delta R.T. -0.006 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	10.8	7.7	11.5
130	20.4	16.6	24.8

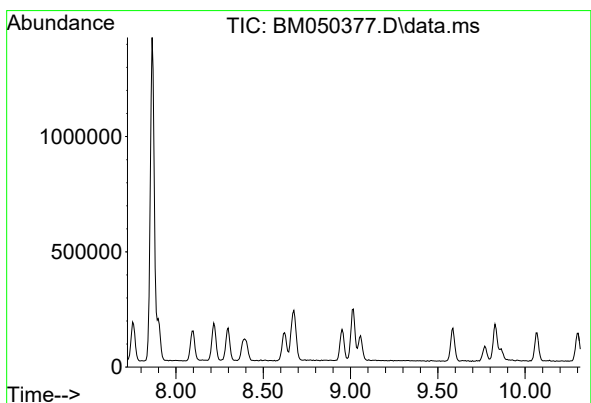
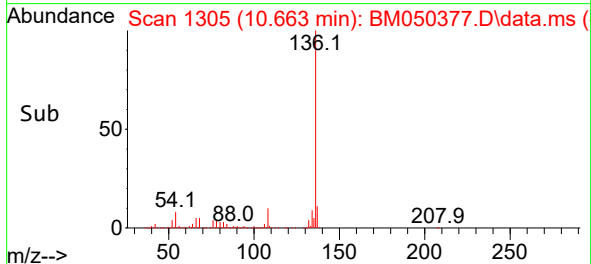
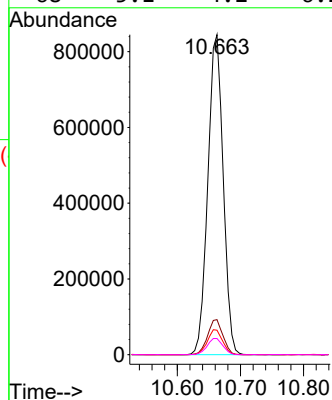
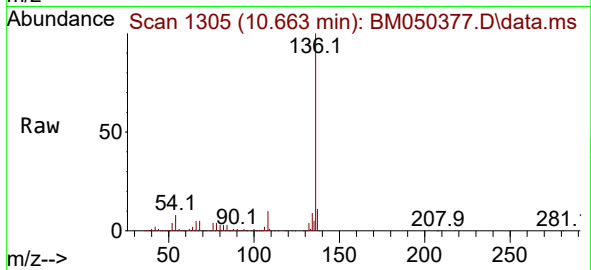




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

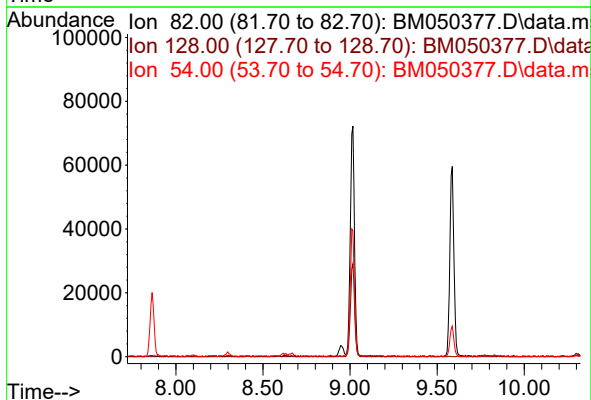
Tgt Ion:136 Resp: 1426576
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 6.3 9.5
68 5.1 4.2 6.2

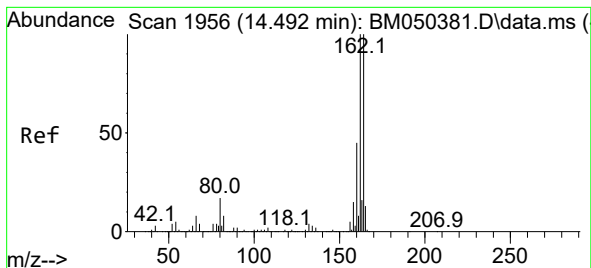


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

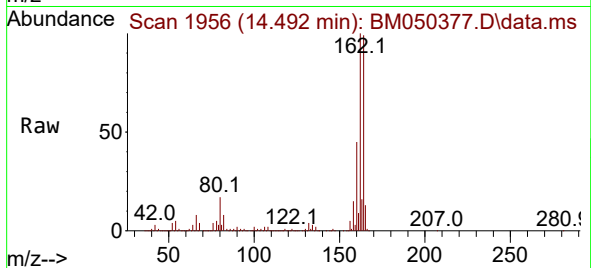
Tgt Ion: 82
Sig Exp Ratio
82 100
128 44.0
54 51.9



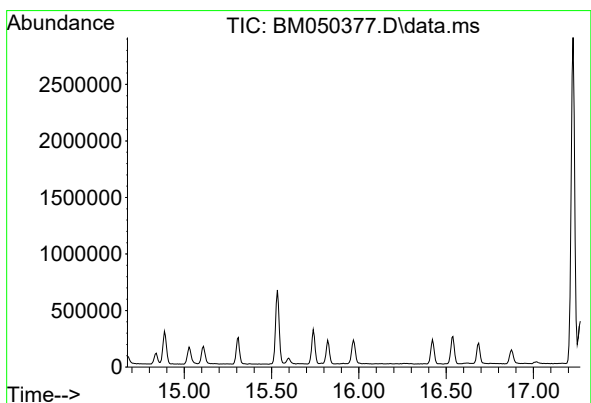
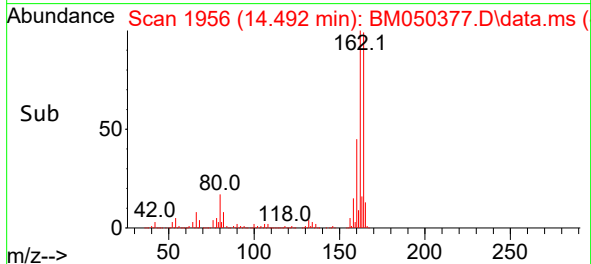
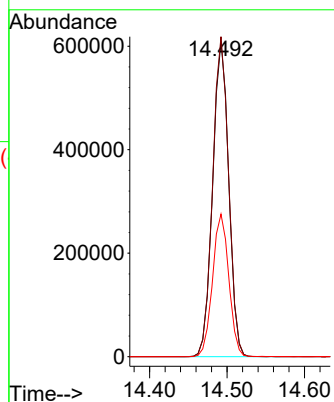


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.492 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5



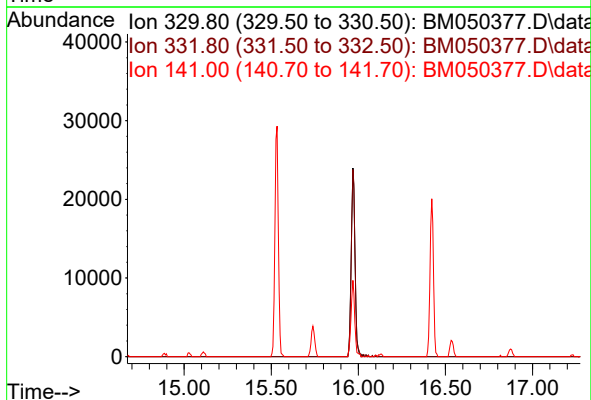
Tgt Ion:164 Resp: 874661
 Ion Ratio Lower Upper
 164 100
 162 101.5 79.9 119.9
 160 45.2 36.2 54.4

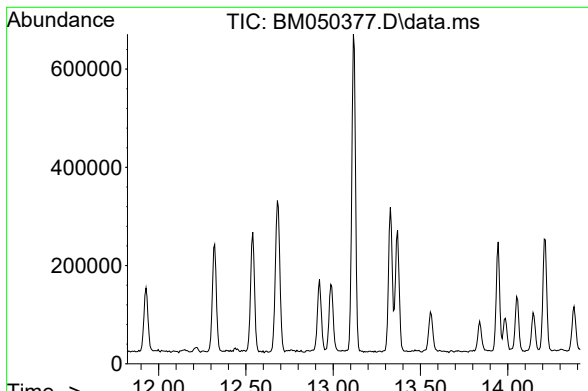


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.97 min

Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.2

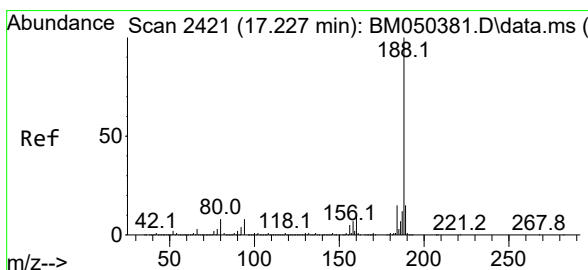
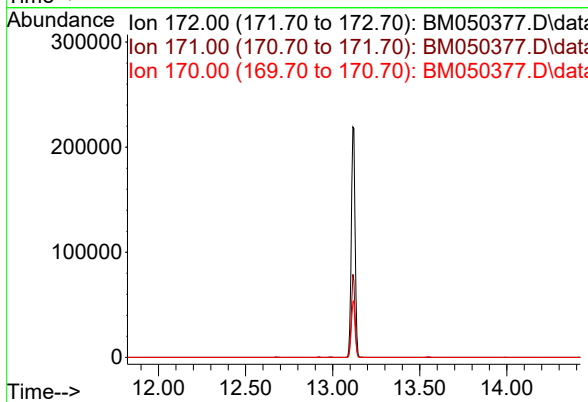




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.12 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

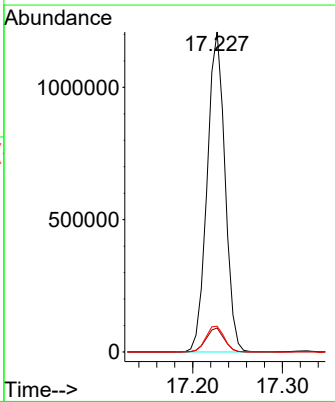
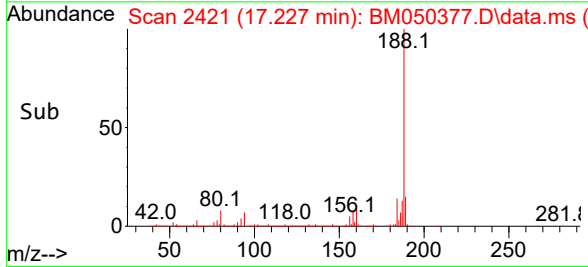
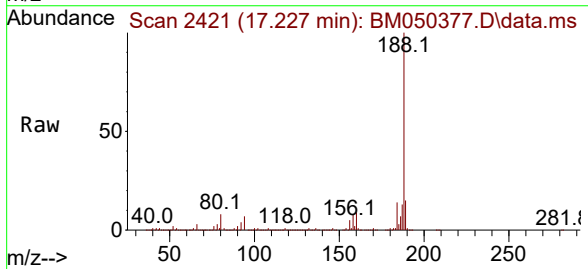
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

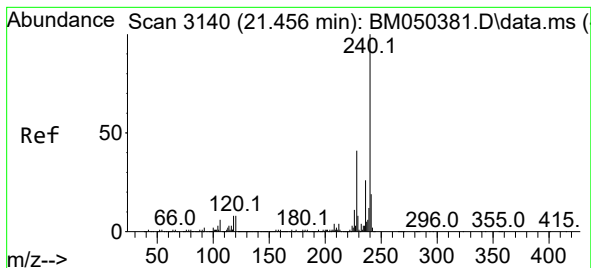
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 34.6
 170 23.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.227 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Tgt Ion: 188 Resp: 1666049
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.0 9.0
 80 8.0 6.5 9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

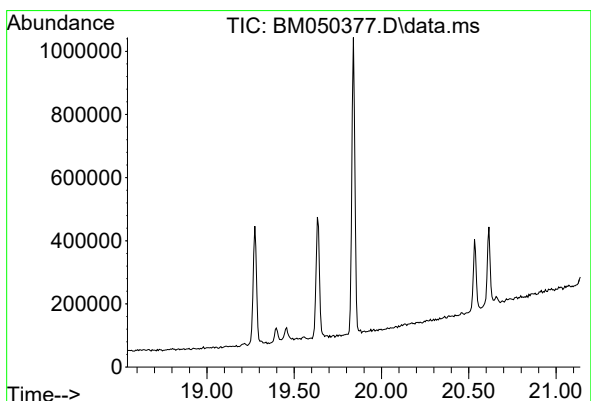
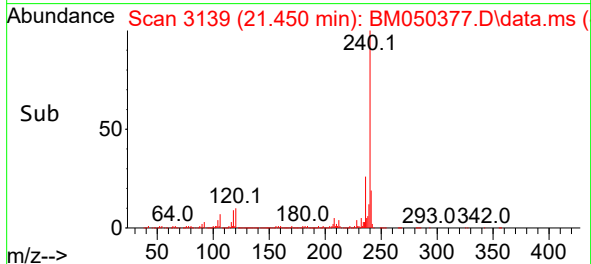
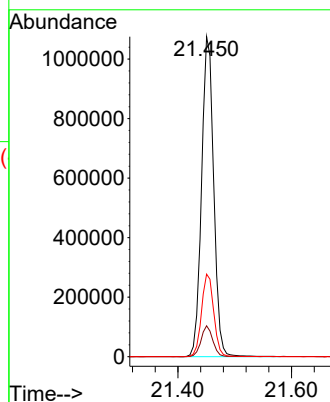
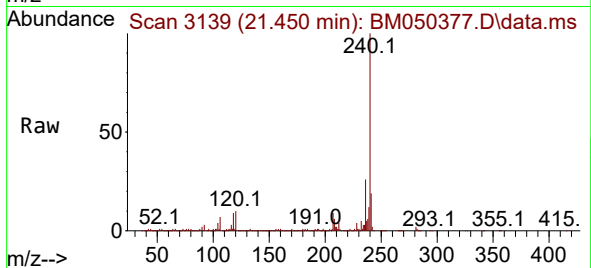
Tgt Ion:240 Resp: 1594000

Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.84 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

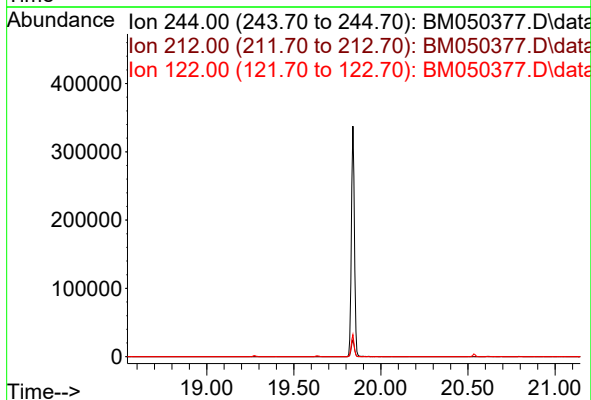
Tgt Ion: 244

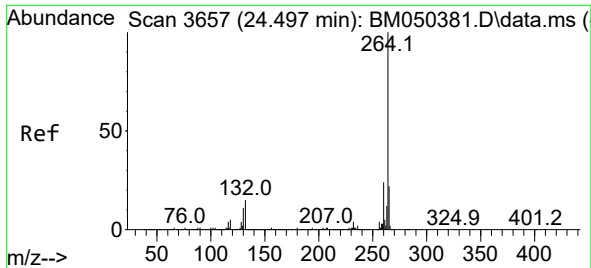
Sig Exp Ratio

244 100

212 7.1

122 7.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.491 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM050377.D
 Acq: 08 Jul 2025 12:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:264 Resp: 1645810
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 17.8 26.6

