

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031225\
 Data File : BM049695.D
 Acq On : 12 Mar 2025 16:03
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Mar 13 00:11:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 00:10:28 2025
 Response via : Initial Calibration

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

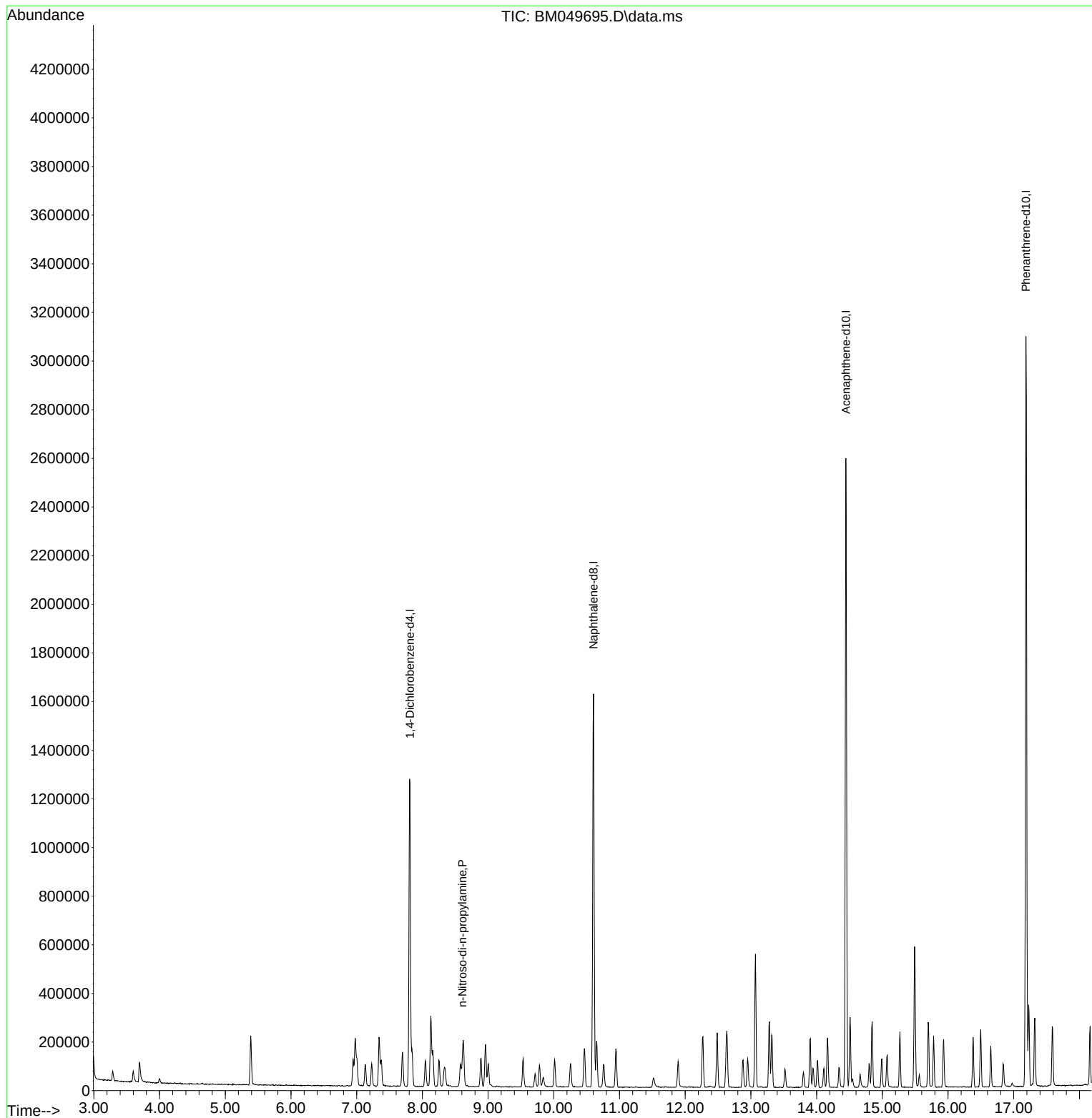
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	349150	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1265781	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	873718	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1740298	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1657344	20.000	ng	0.00
86) Perylene-d12	24.450	264	1709633	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...	8.610	70	35419	1.901	ng	Qvalue 97

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

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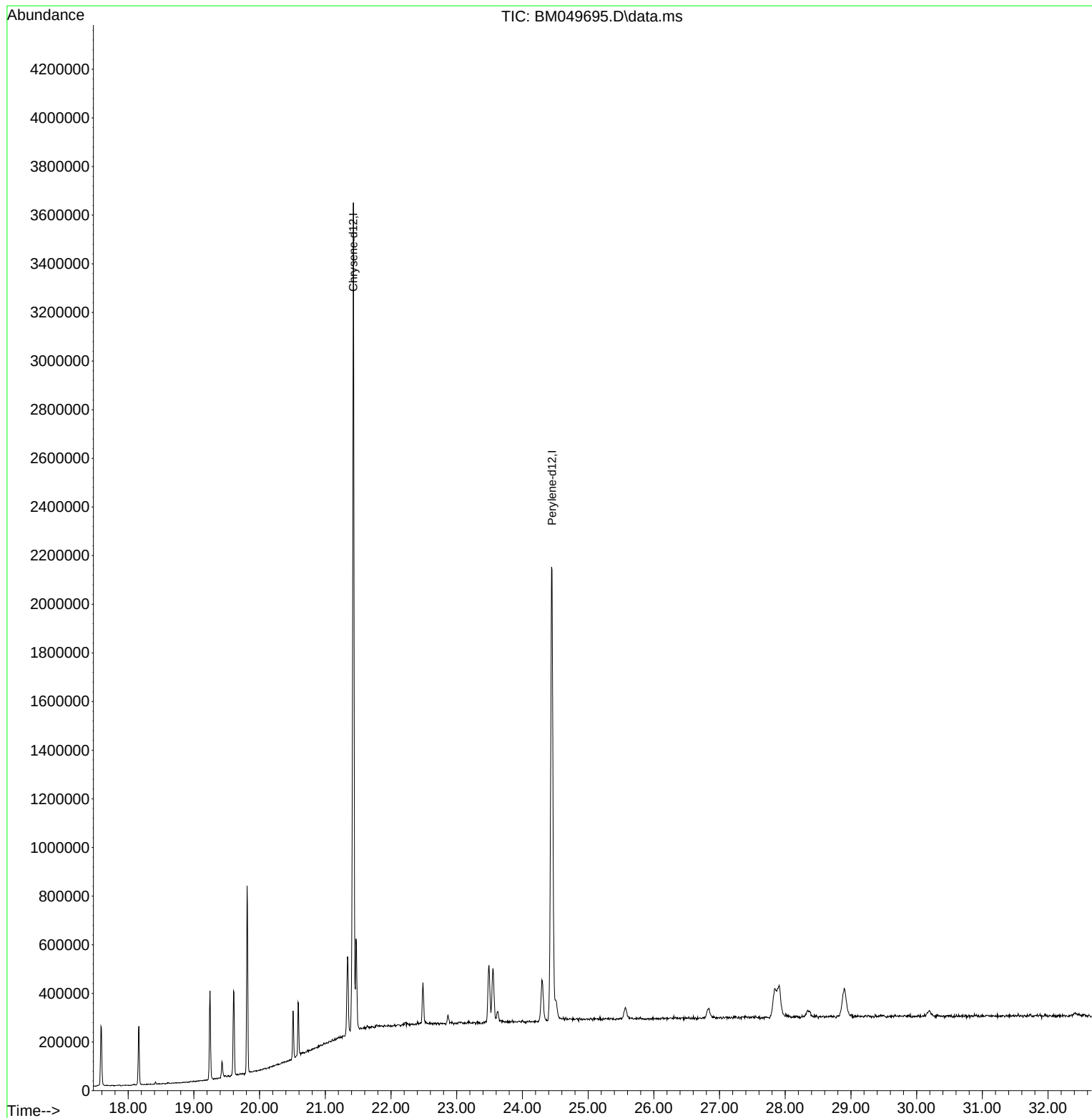
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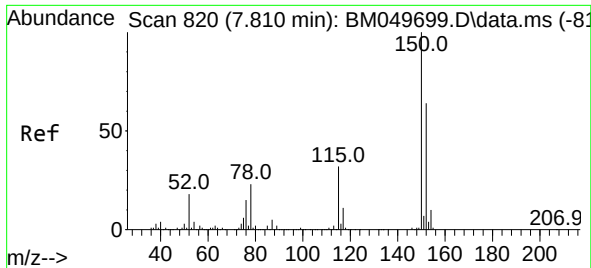


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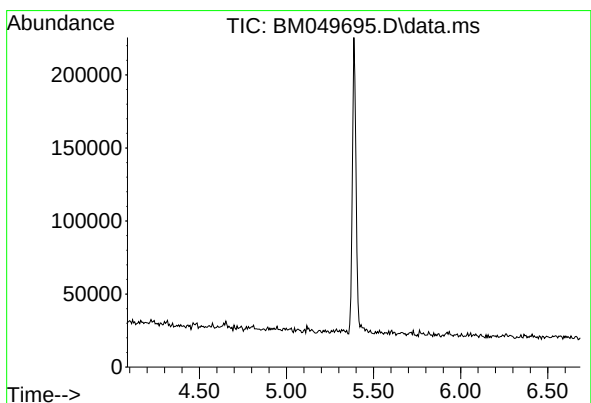
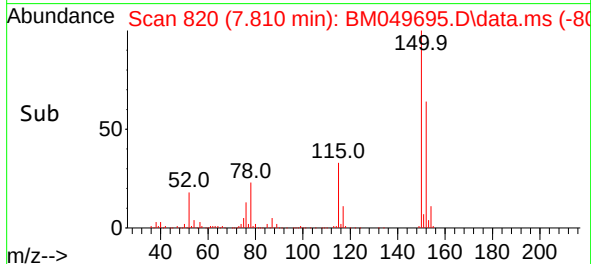
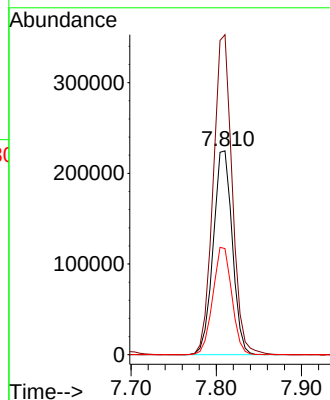
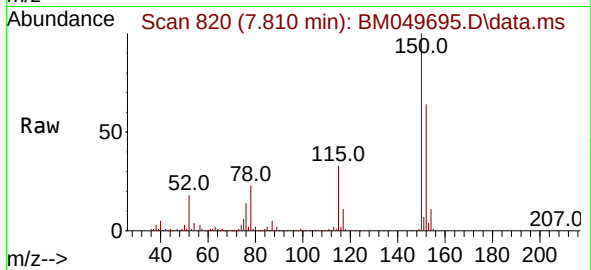




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.810 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

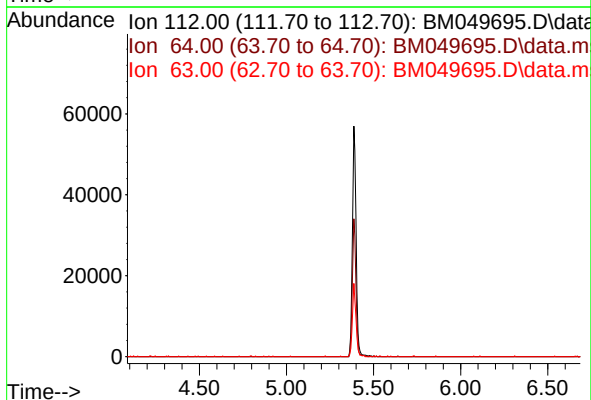
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:152 Resp: 349150
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.3 187.9
 115 52.0 40.6 61.0



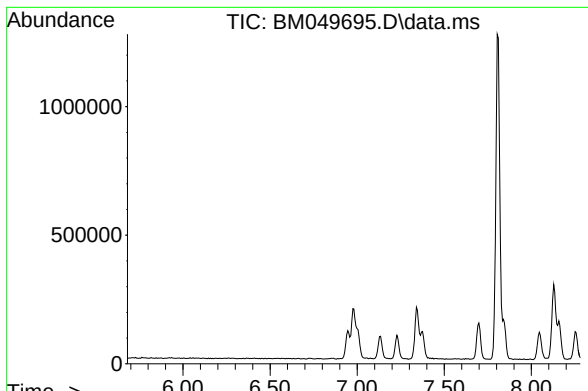
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.39 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.1
 63 30.0



Ion 64.00 (63.70 to 64.70): BM049695.D\data.ms

Ion 63.00 (62.70 to 63.70): BM049695.D\data.ms

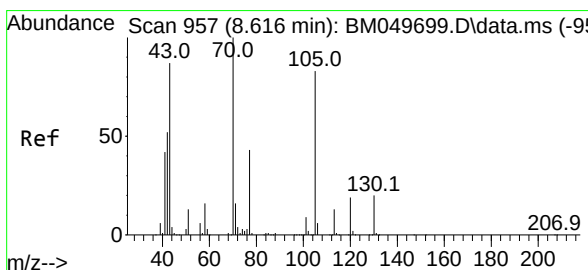
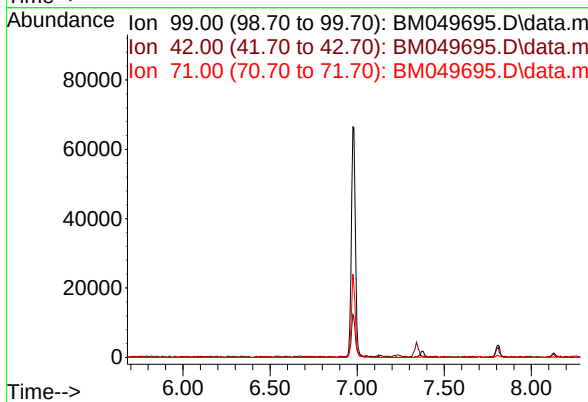


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.98 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

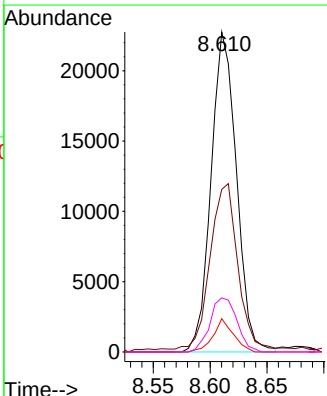
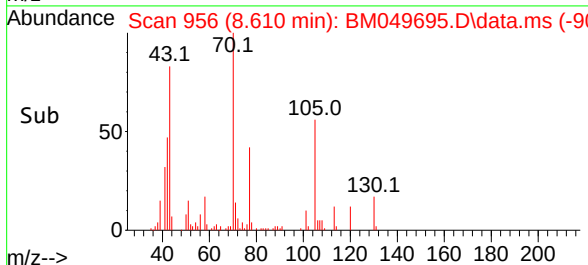
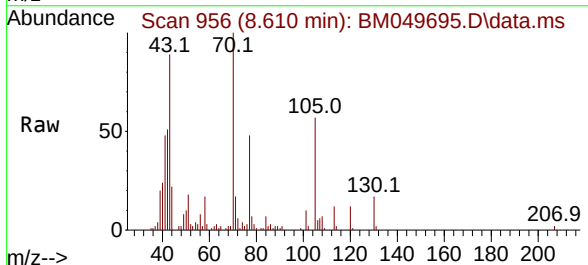
Sig	Exp Ratio
99	100
42	16.9
71	34.0

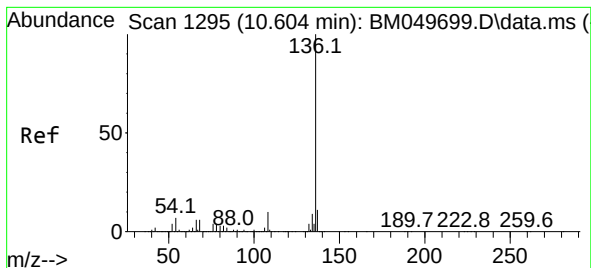


#19
 n-Nitroso-di-n-propylamine
 Concen: 1.901 ng
 RT: 8.610 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

Tgt Ion: 70 Resp: 35419

Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.9	62.9
101	10.4	7.4	11.2
130	16.9	15.7	23.5



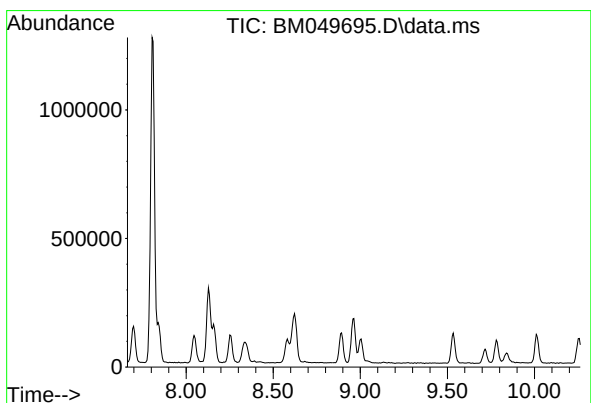
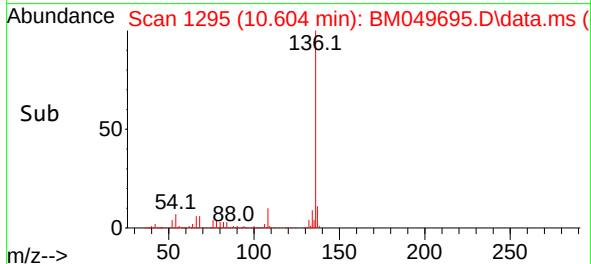
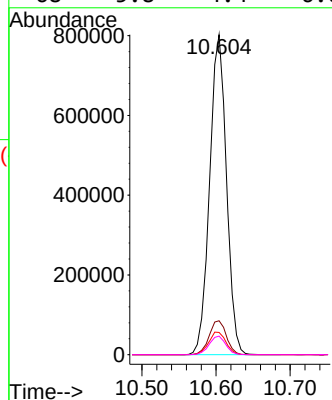
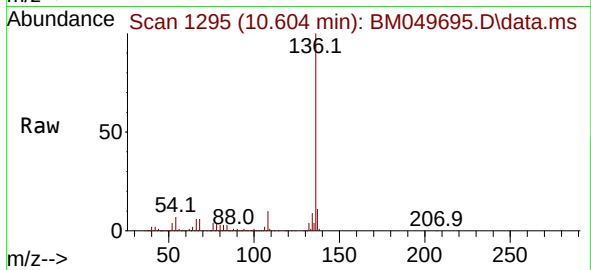


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049695.D
Acq: 12 Mar 2025 16:03

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1265781

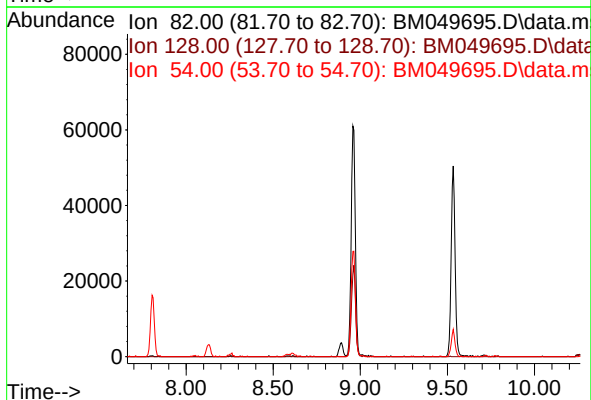
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	5.7	8.5
68	5.8	4.4	6.6

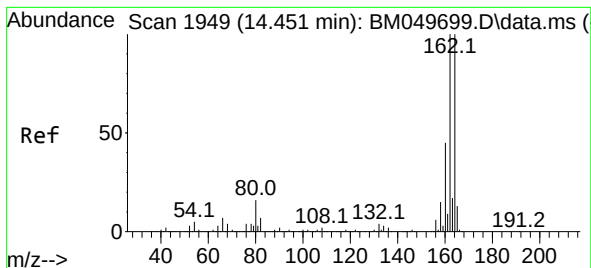


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.96 min

Lab File: BM049695.D
Acq: 12 Mar 2025 16:03

Tgt Ion:	82
Sig	Exp Ratio
82	100
128	41.0
54	45.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049695.D

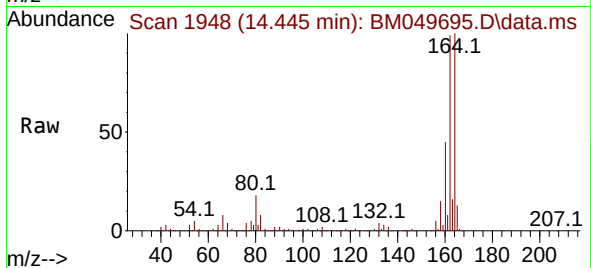
Acq: 12 Mar 2025 16:03

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



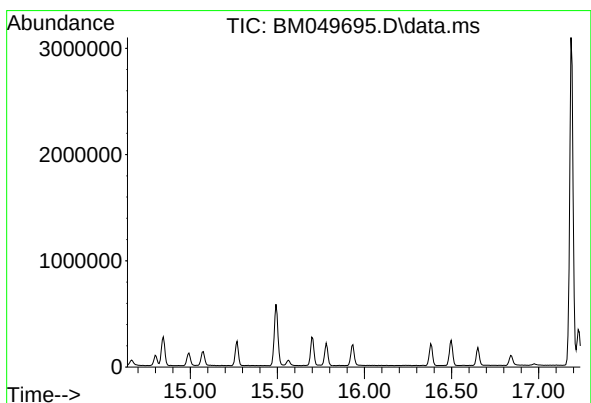
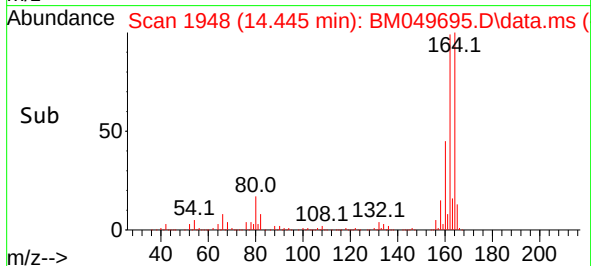
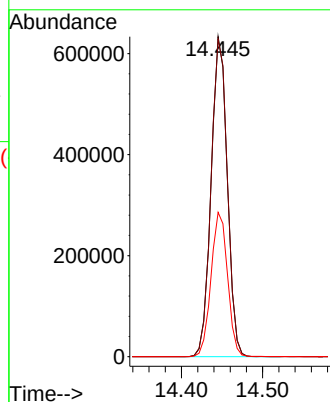
Tgt Ion:164 Resp: 873718

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 45.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.94 min

Lab File: BM049695.D

Acq: 12 Mar 2025 16:03

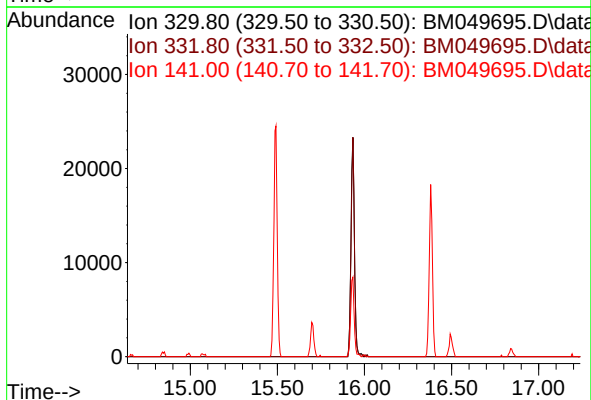
Tgt Ion: 330

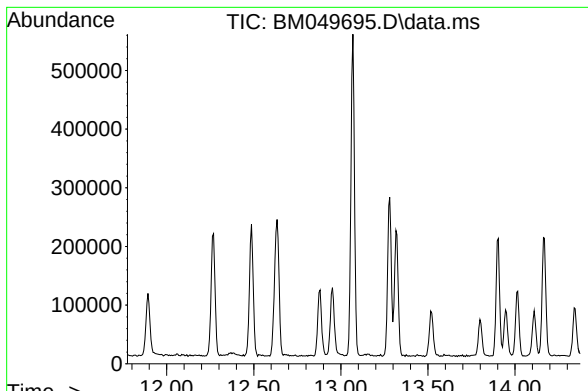
Sig Exp Ratio

330 100

332 96.5

141 31.7

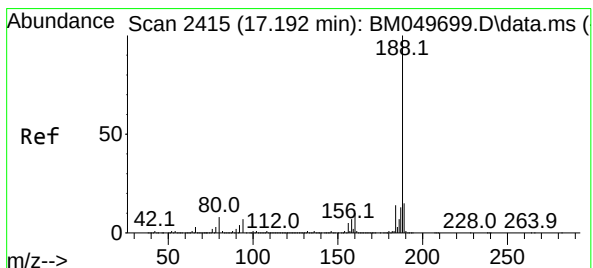
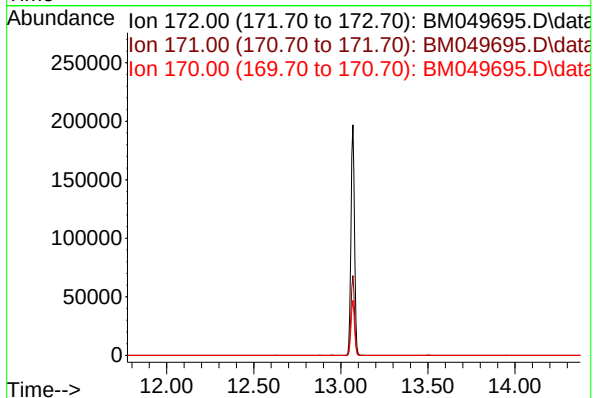




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.07 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

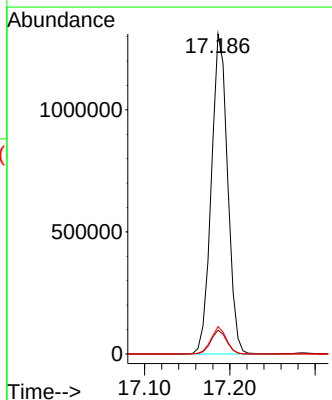
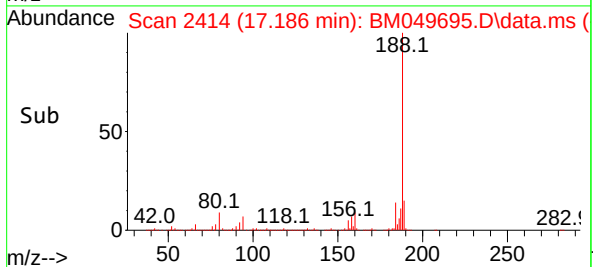
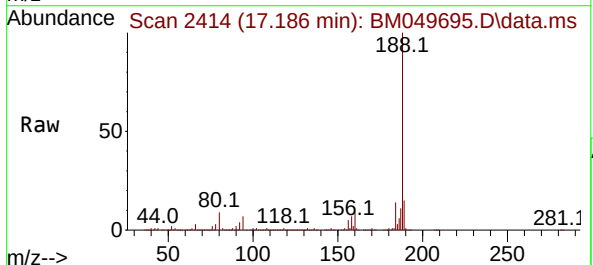
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

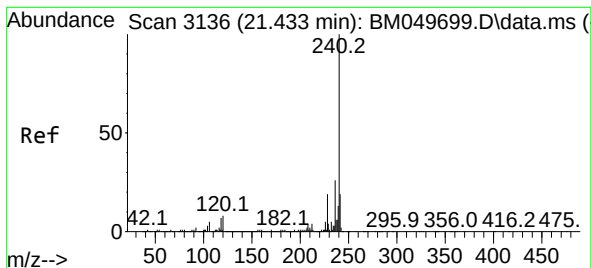
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.0
 170 23.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.186 min Scan# 2414
 Delta R.T. -0.006 min
 Lab File: BM049695.D
 Acq: 12 Mar 2025 16:03

Tgt Ion: 188 Resp: 1740298
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.4 8.2
 80 8.6 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049695.D

Acq: 12 Mar 2025 16:03

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

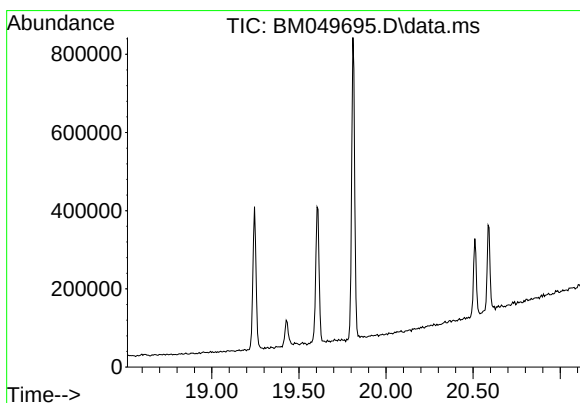
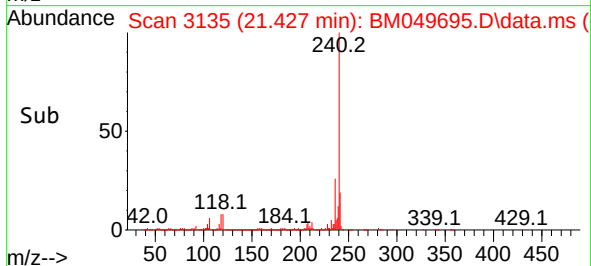
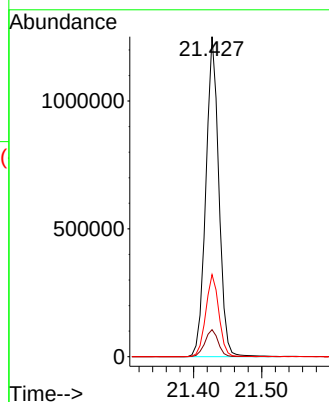
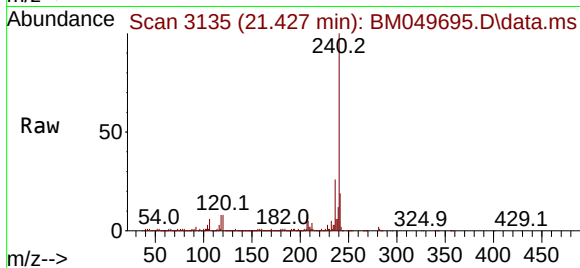
Tgt Ion:240 Resp: 1657344

Ion Ratio Lower Upper

240 100

120 8.4 6.1 9.1

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.82 min

Lab File: BM049695.D

Acq: 12 Mar 2025 16:03

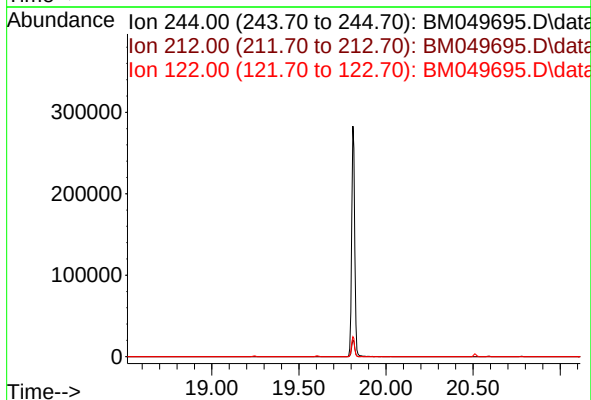
Tgt Ion: 244

Sig Exp Ratio

244 100

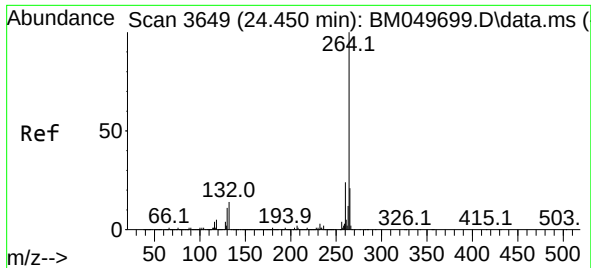
212 9.5

122 8.7



Ion 212.00 (211.70 to 212.70): BM049695.D\data.ms

Ion 122.00 (121.70 to 122.70): BM049695.D\data.ms



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.450 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM049695.D
Acq: 12 Mar 2025 16:03

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1709633

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.5	17.3	25.9

