

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037629.D
 Acq On : 20 Aug 2025 10:49
 Operator : RC/JU
 Sample : Q2878-05DL 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425DL

Quant Time: Aug 21 04:13:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

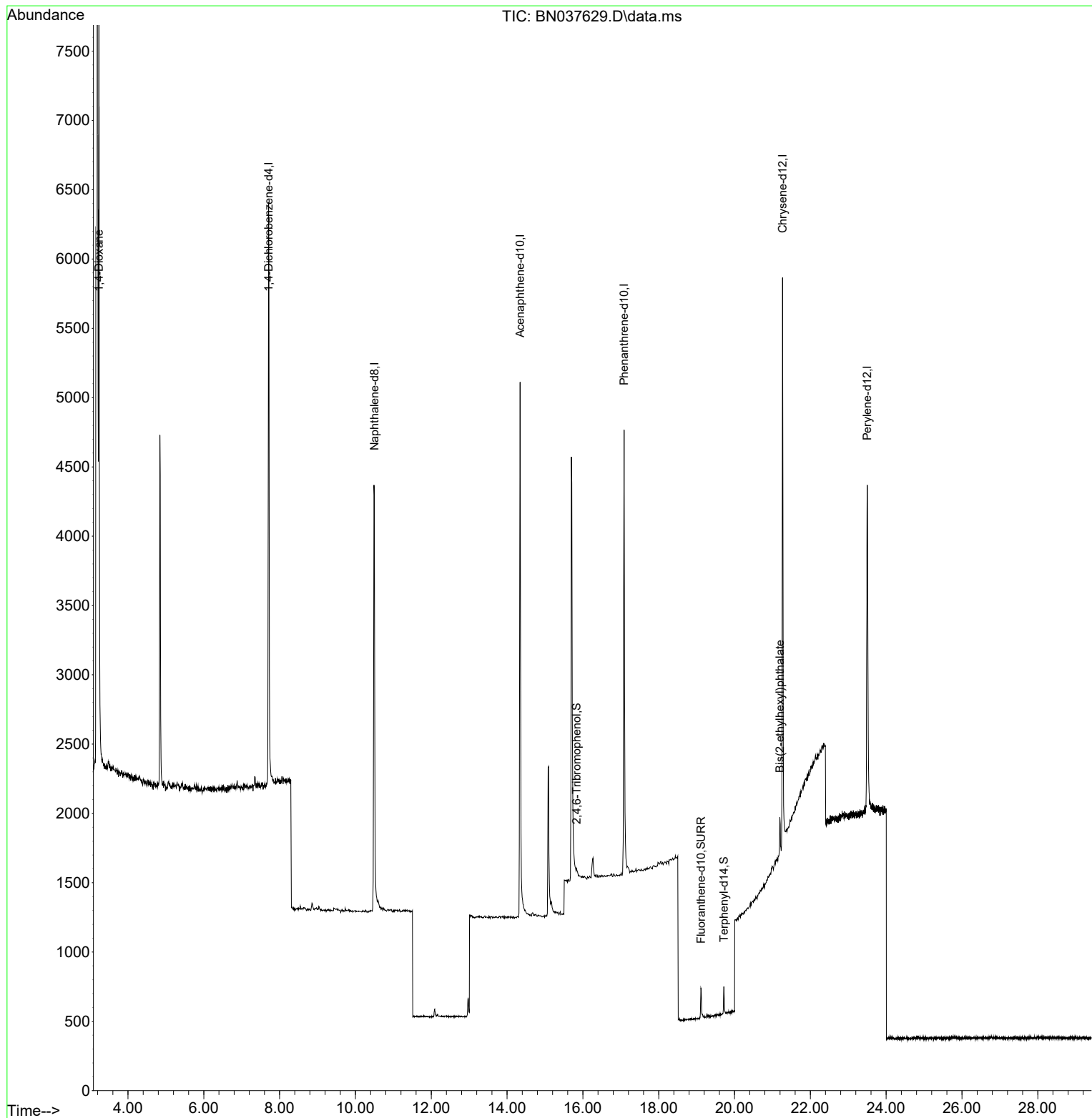
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2132	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4980	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2455	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5117	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4012	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3548	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	43	0.009	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.854	82	54	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	94	0.014	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	24	0.022	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	212	0.015	ng	0.00
27) Fluoranthene-d10	19.113	212	288	0.021	ng	0.00
31) Terphenyl-d14	19.717	244	220	0.027	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	3017	1.479	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	304	0.055	ng	# 92

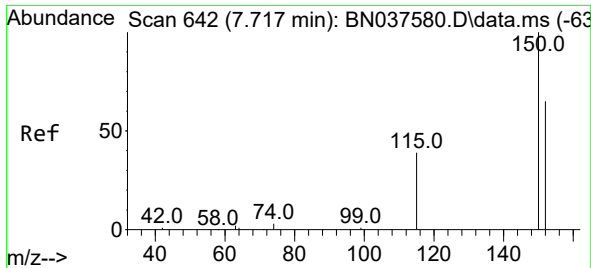
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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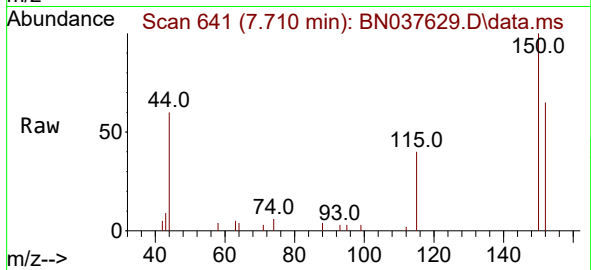
Quant Time: Aug 21 04:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



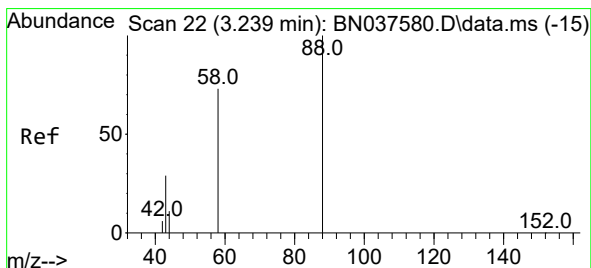
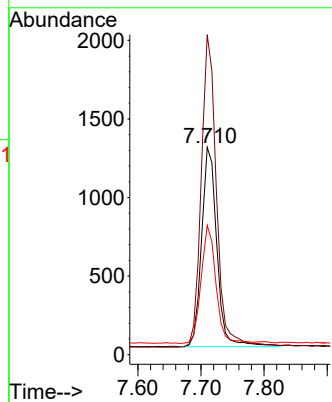
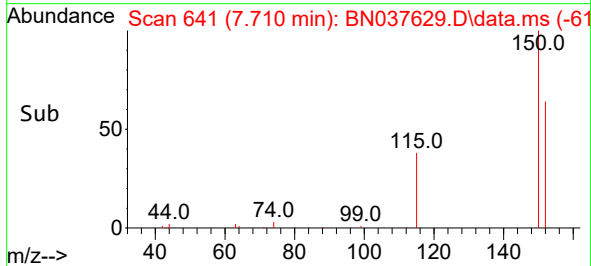


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037629.D
 Acq: 20 Aug 2025 10:49

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425DL

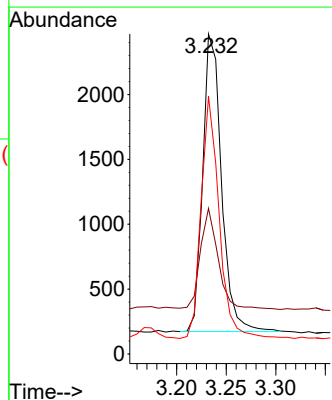
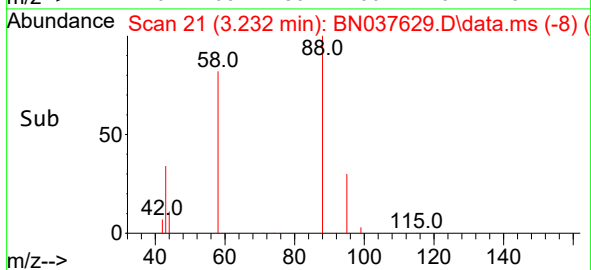
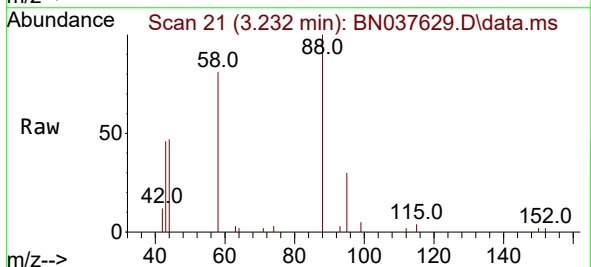


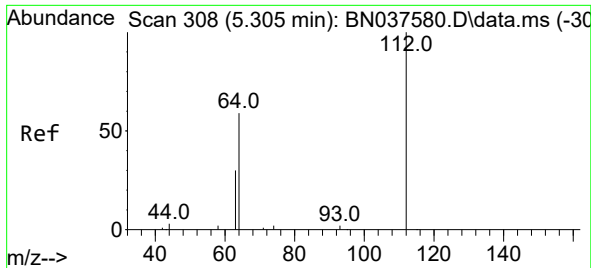
Tgt Ion:152 Resp: 2132
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.2 183.4
 115 62.4 49.8 74.6



#2
 1,4-Dioxane
 Concen: 1.479 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037629.D
 Acq: 20 Aug 2025 10:49

Tgt Ion: 88 Resp: 3017
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.8 38.6
 58 78.1 61.2 91.8

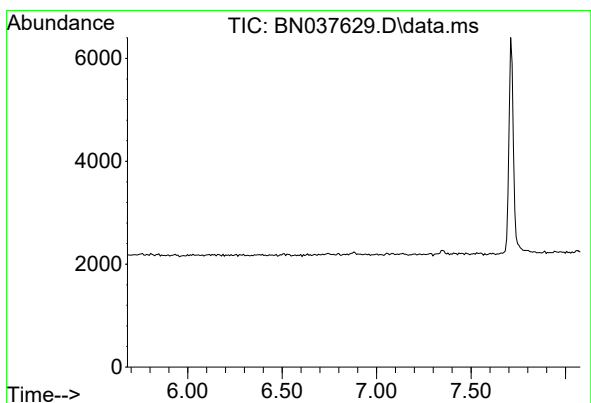
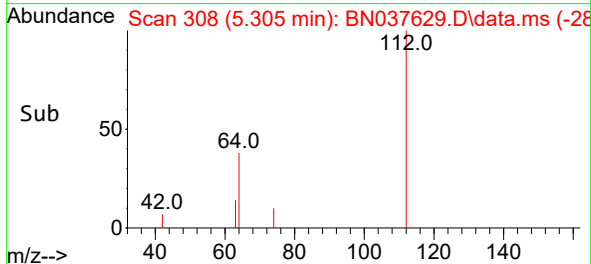
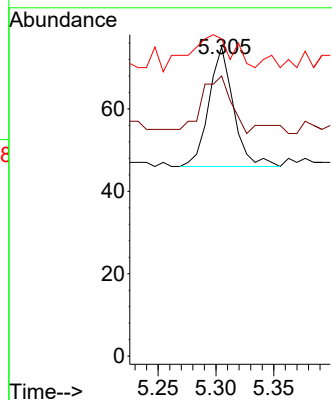
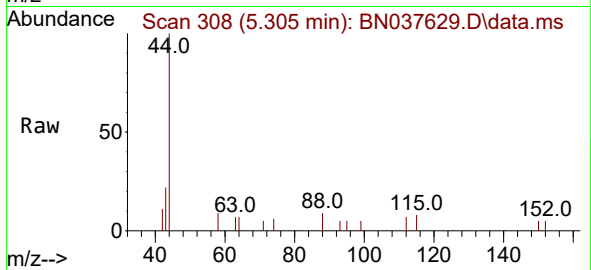




#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.305 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

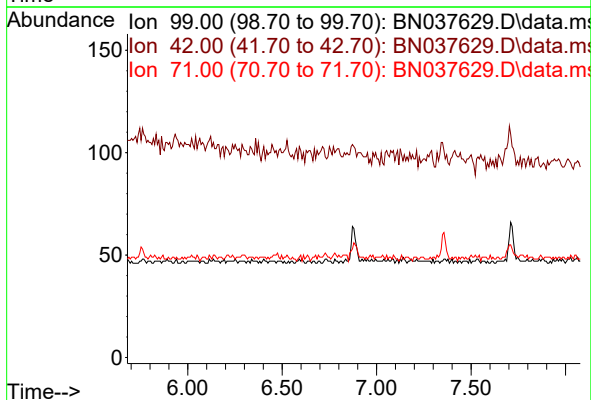
Tgt Ion:112 Resp: 43
Ion Ratio Lower Upper
112 100
64 58.1 44.9 67.3
63 55.8 23.4 35.2#



#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.88 min

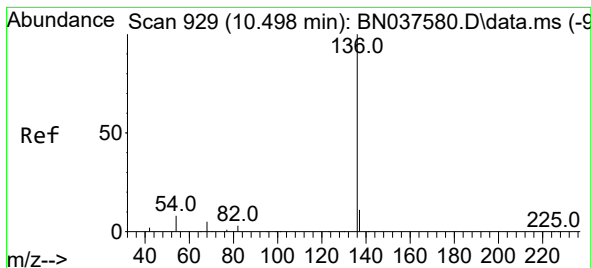
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion: 99
Sig Exp Ratio
99 100
42 23.1
71 35.7



Ion 42.00 (41.70 to 42.70): BN037629.D\data.ms

Ion 71.00 (70.70 to 71.70): BN037629.D\data.ms



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425DL

Tgt Ion:136 Resp: 4980

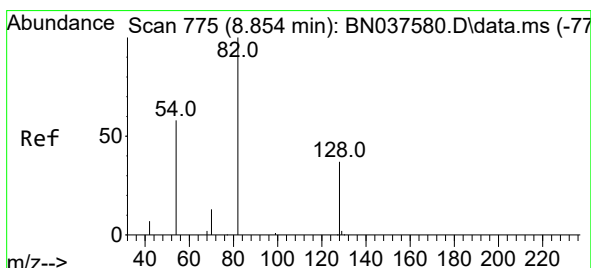
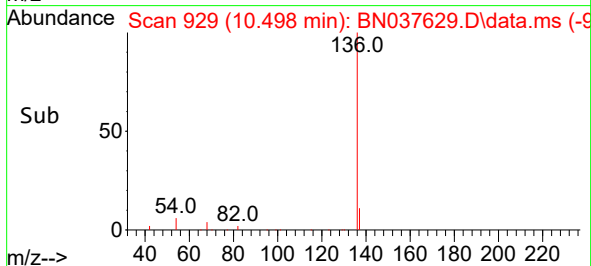
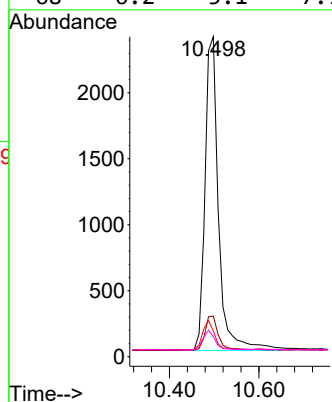
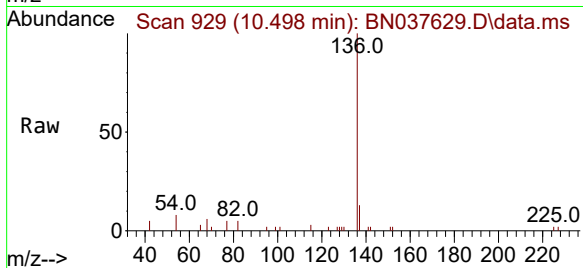
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 8.0 7.3 10.9

68 6.2 5.1 7.7



#8

Nitrobenzene-d5

Concen: 0.015 ng

RT: 8.854 min Scan# 775

Delta R.T. 0.000 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

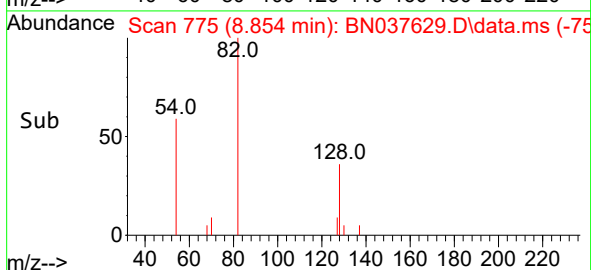
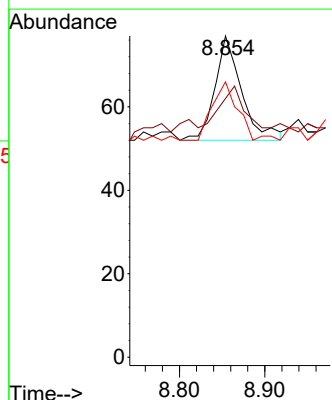
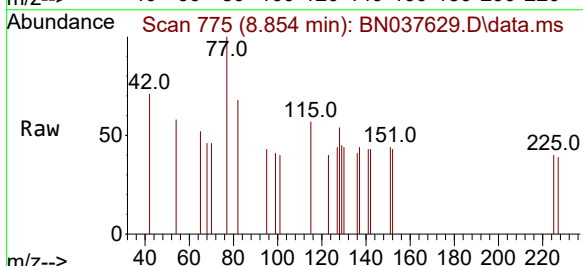
Tgt Ion: 82 Resp: 54

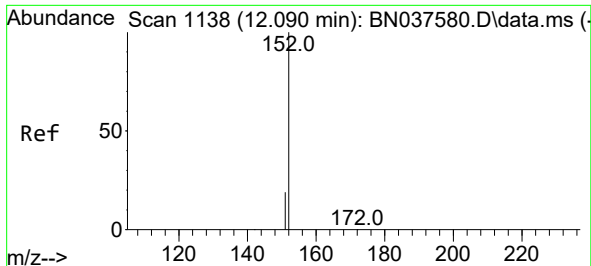
Ion Ratio Lower Upper

82 100

128 80.5 32.6 48.8#

54 85.7 48.9 73.3#

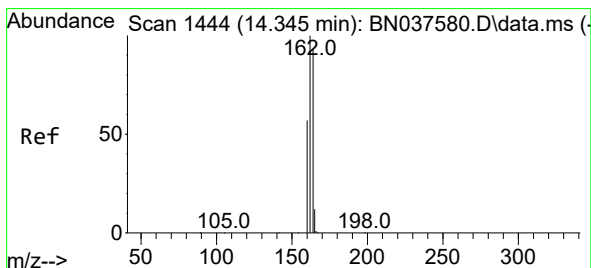
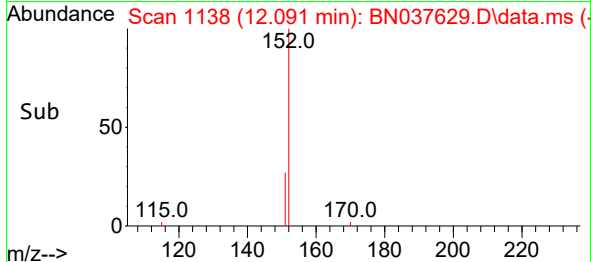
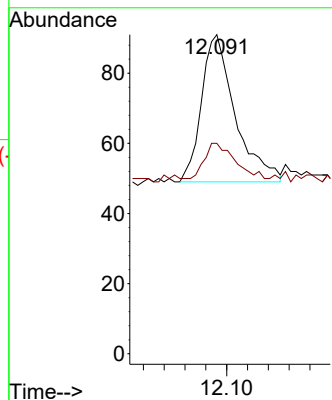
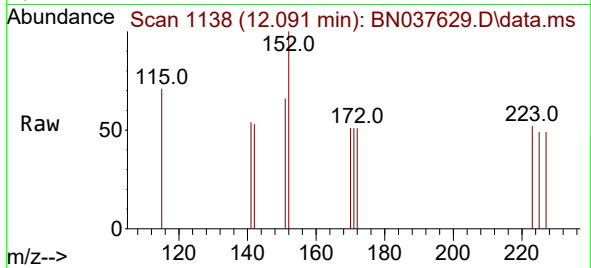




#11
2-Methylnaphthalene-d10
Concen: 0.014 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

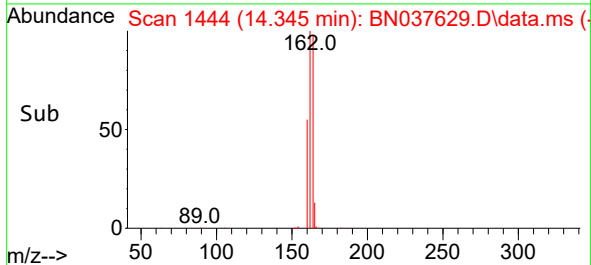
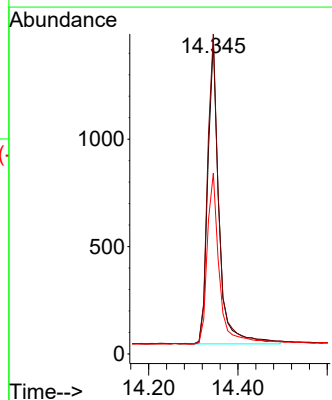
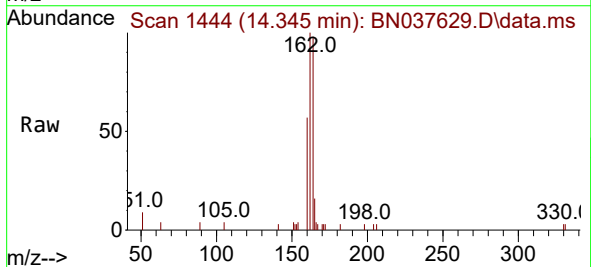
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

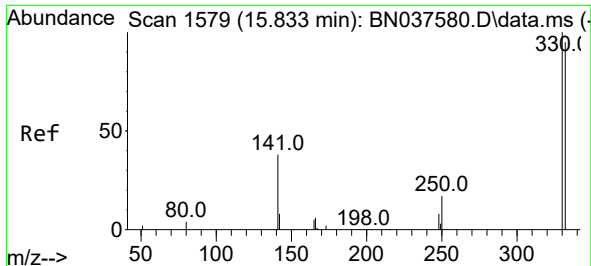
Tgt Ion:152 Resp: 94
Ion Ratio Lower Upper
152 100
151 23.4 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:164 Resp: 2455
Ion Ratio Lower Upper
164 100
162 102.3 85.5 128.3
160 57.8 49.5 74.3

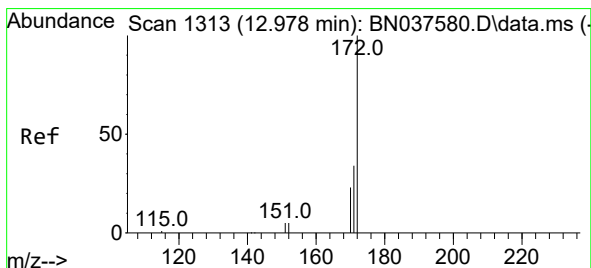
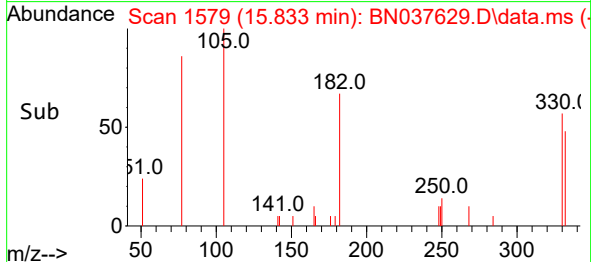
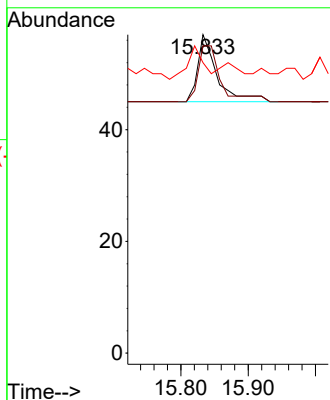
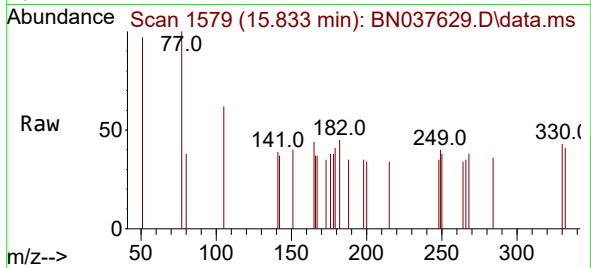




#14
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

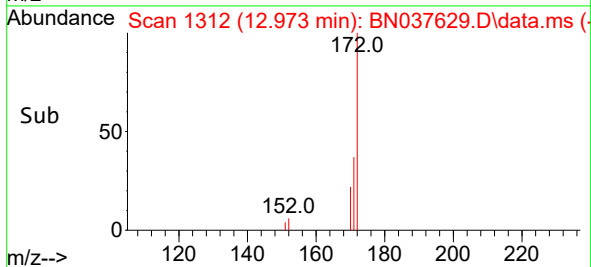
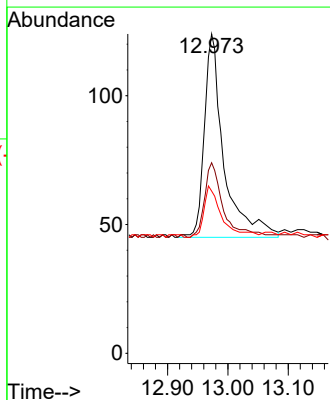
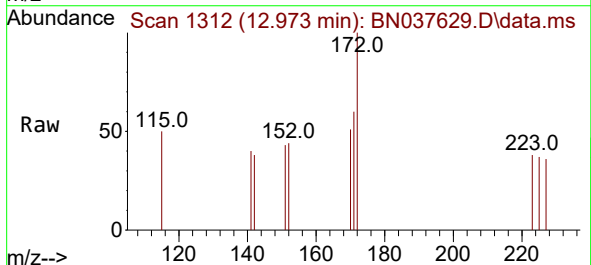
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

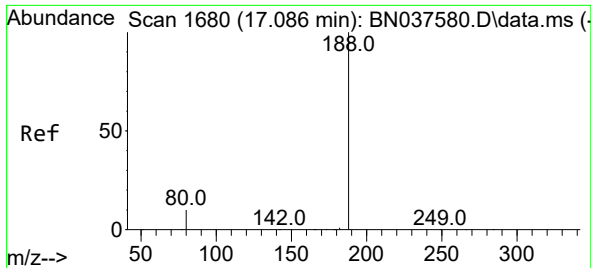
Tgt Ion:330 Resp: 24
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 41.7 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:172 Resp: 212
Ion Ratio Lower Upper
172 100
171 59.7 28.2 42.4#
170 50.8 19.2 28.8#

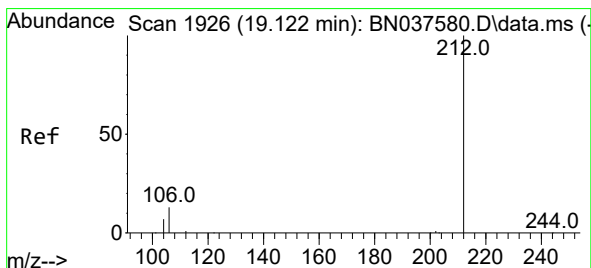
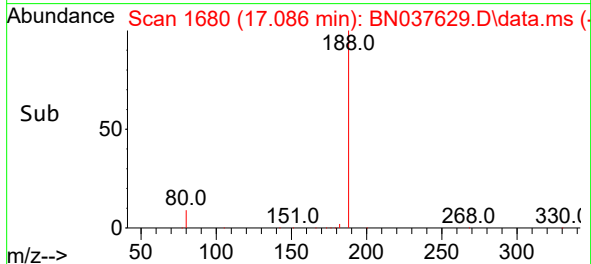
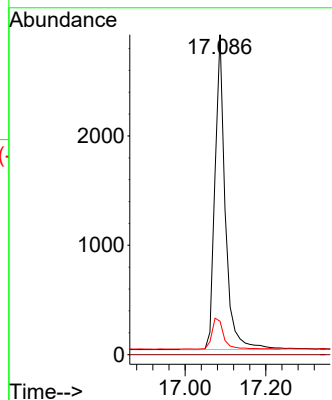
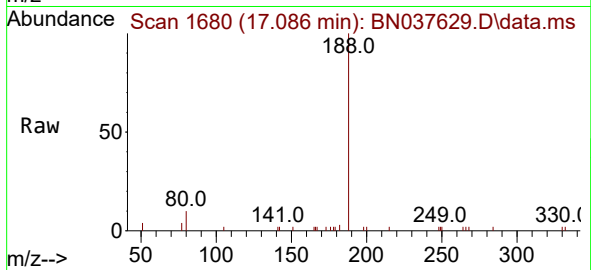




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

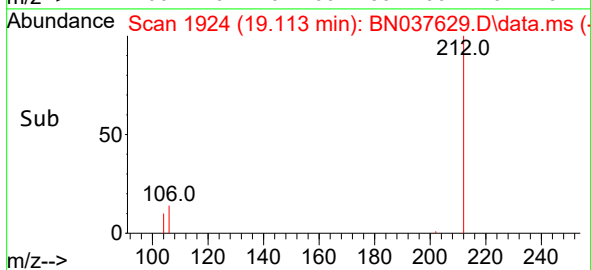
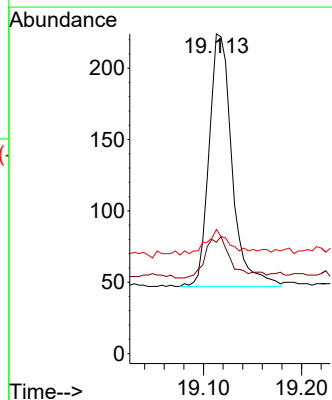
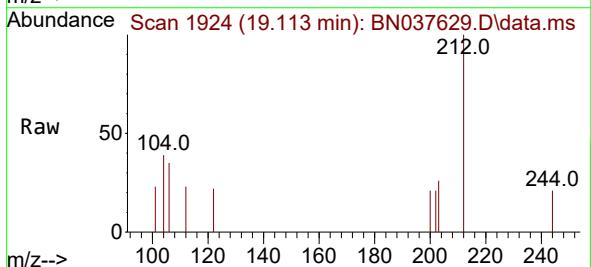
Instrument :
BNA_N
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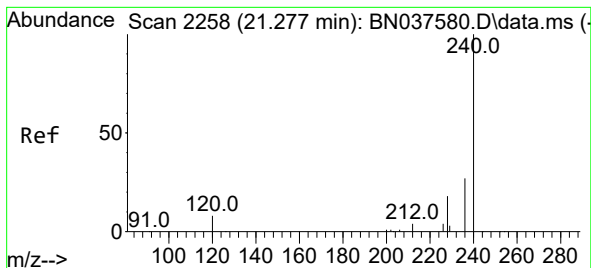
Tgt Ion:188 Resp: 5117
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.021 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:212 Resp: 288
Ion Ratio Lower Upper
212 100
106 17.0 11.5 17.3
104 9.0 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425DL

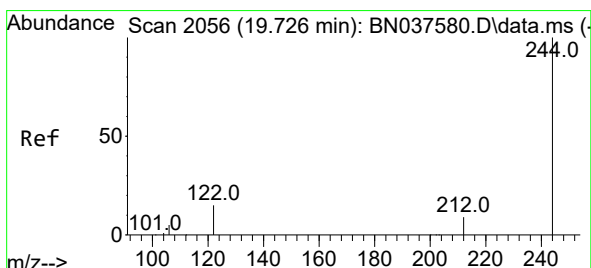
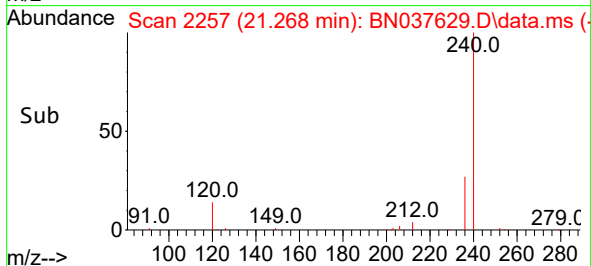
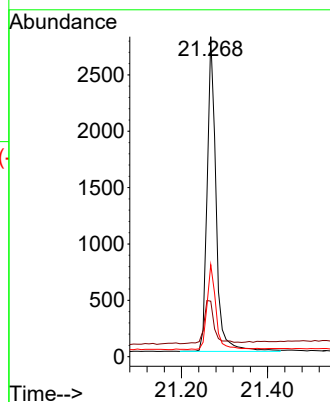
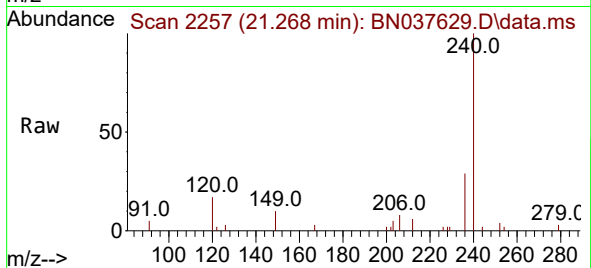
Tgt Ion:240 Resp: 4012

Ion Ratio Lower Upper

240 100

120 17.4 8.9 13.3#

236 28.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.027 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

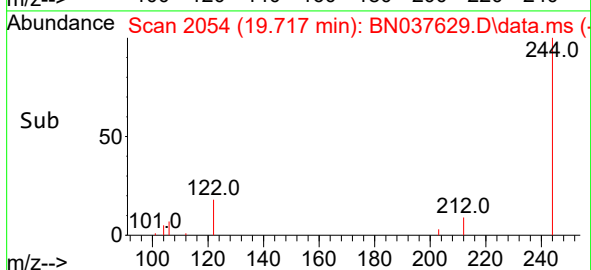
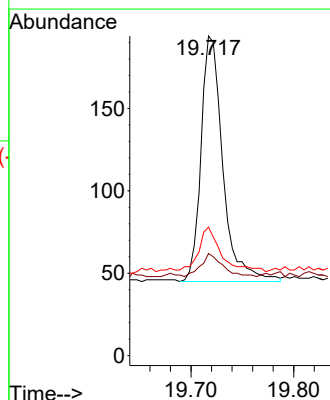
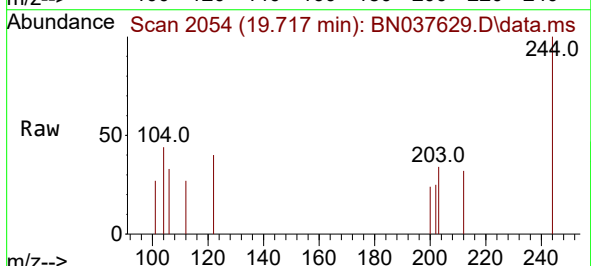
Tgt Ion:244 Resp: 220

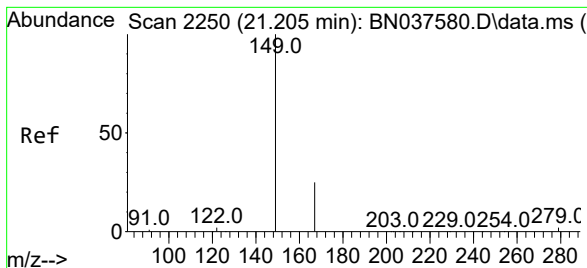
Ion Ratio Lower Upper

244 100

212 32.0 8.2 12.2#

122 40.2 13.2 19.8#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.196 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425DL

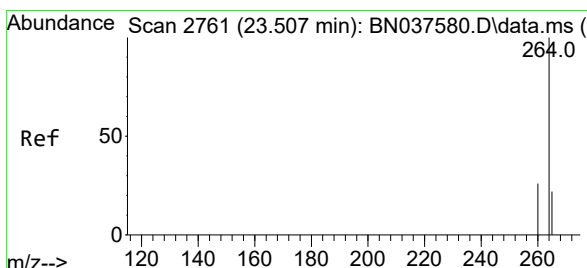
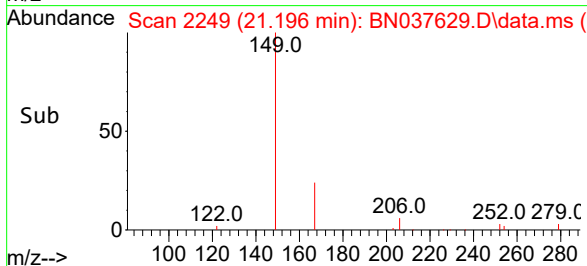
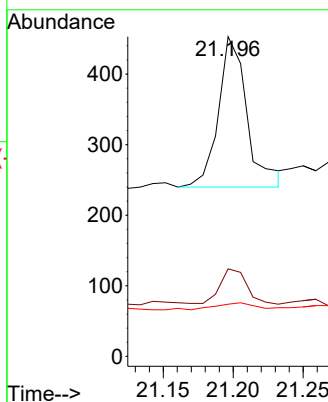
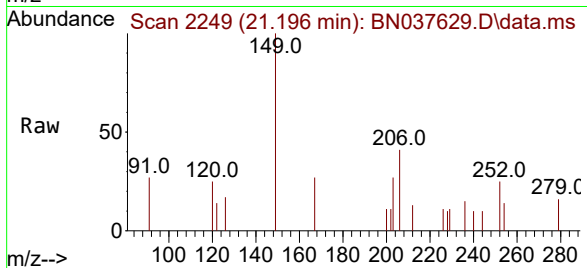
Tgt Ion:149 Resp: 304

Ion Ratio Lower Upper

149 100

167 21.7 20.5 30.7

279 6.9 2.6 4.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 2759

Delta R.T. -0.006 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Tgt Ion:264 Resp: 3548

Ion Ratio Lower Upper

264 100

260 26.8 21.6 32.4

265 94.3 48.2 72.4#

