

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037857.D
 Acq On : 22 Sep 2025 15:09
 Operator : RC/JU
 Sample : Q3127-16DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250915DL

Quant Time: Sep 22 15:34:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

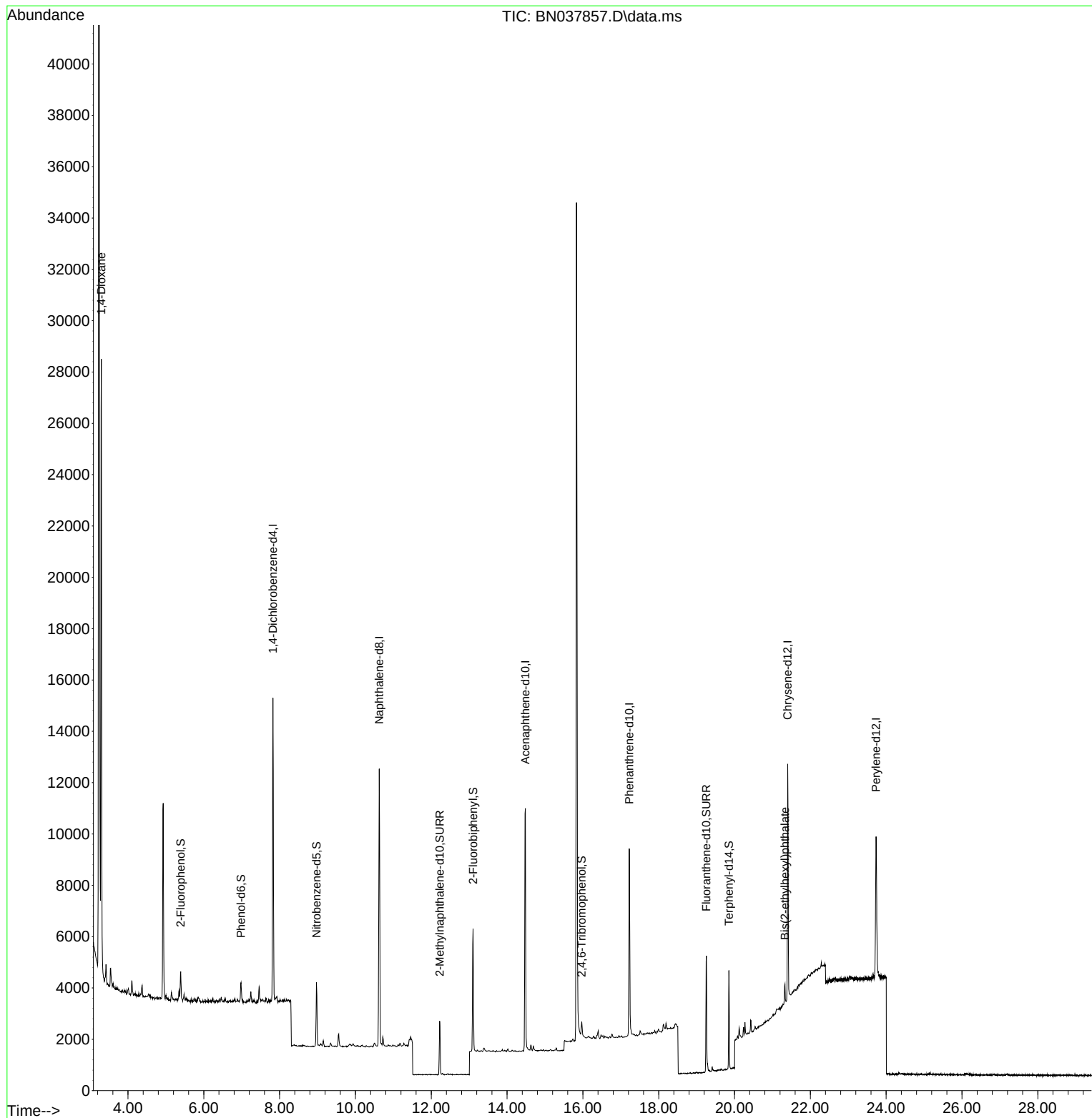
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5466	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14302	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	5898	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10257	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8483	0.400	ng	#-0.02
35) Perylene-d12	23.733	264	7996	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	916	0.073	ng	0.00
5) Phenol-d6	6.981	99	715	0.044	ng	0.00
8) Nitrobenzene-d5	8.971	82	1990	0.190	ng	-0.02
11) 2-Methylnaphthalene-d10	12.223	152	2837	0.150	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	338	0.220	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4355	0.177	ng	-0.01
27) Fluoranthene-d10	19.257	212	4984	0.194	ng	-0.01
31) Terphenyl-d14	19.852	244	3501	0.203	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	14450	2.538	ng	97
34) Bis(2-ethylhexyl)phtha...	21.331	149	925	0.105	ng	96

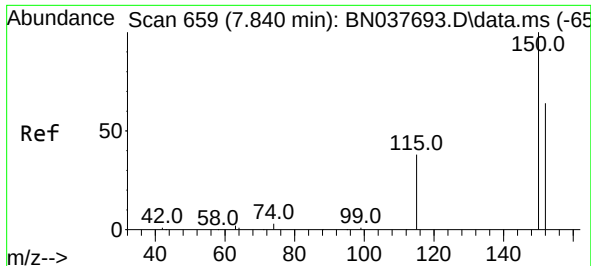
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
Data File : BN037857.D
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Operator : RC/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TT101D2-20250915DL

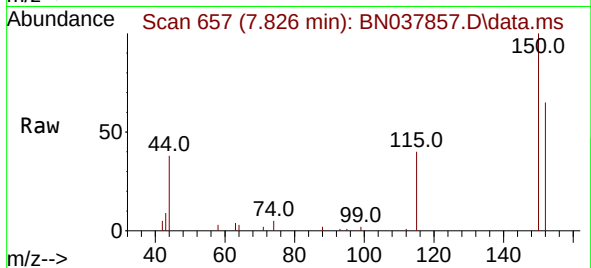
Quant Time: Sep 22 15:34:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



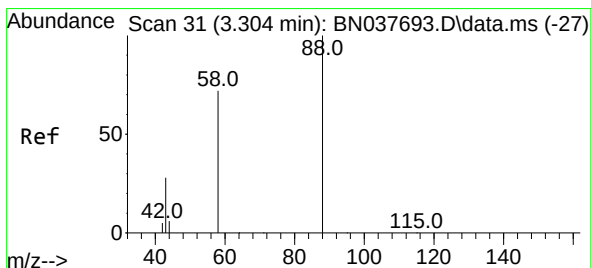
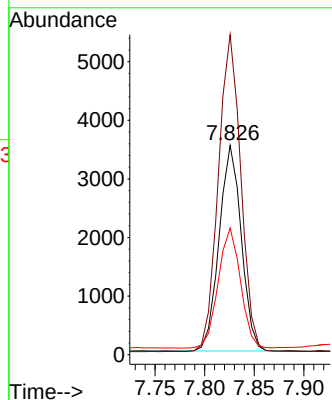
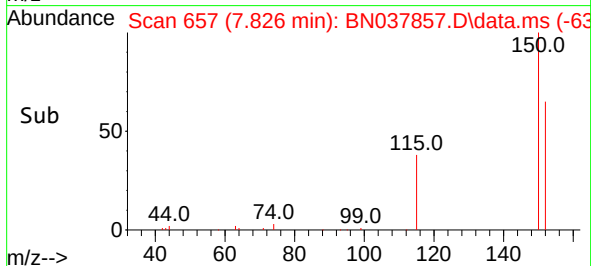


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037857.D
 Acq: 22 Sep 2025 15:09

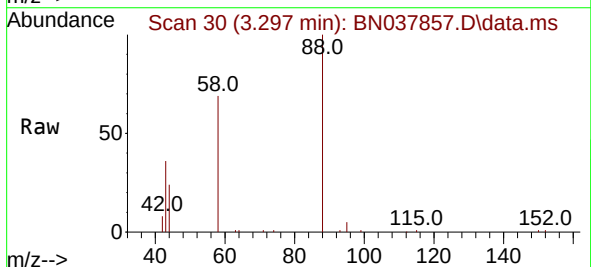
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20250915DL



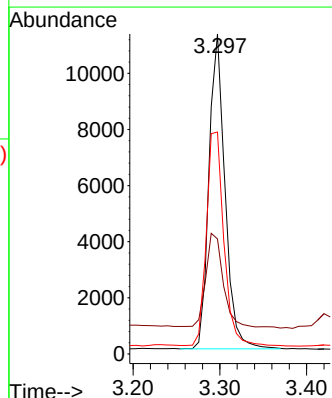
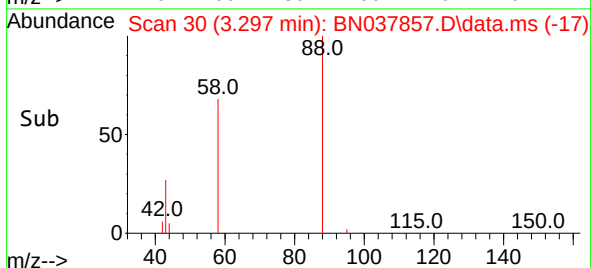
Tgt Ion:152 Resp: 5466
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.5 186.7
 115 60.5 49.2 73.8

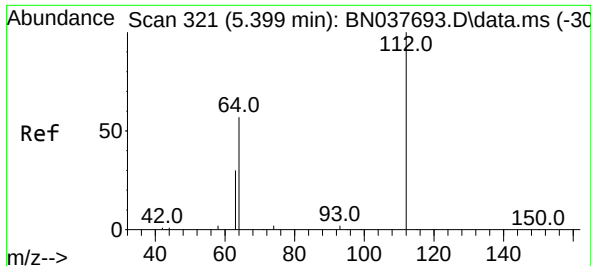


#2
 1,4-Dioxane
 Concen: 2.538 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037857.D
 Acq: 22 Sep 2025 15:09



Tgt Ion: 88 Resp: 14450
 Ion Ratio Lower Upper
 88 100
 43 33.5 26.8 40.2
 58 73.4 61.9 92.9

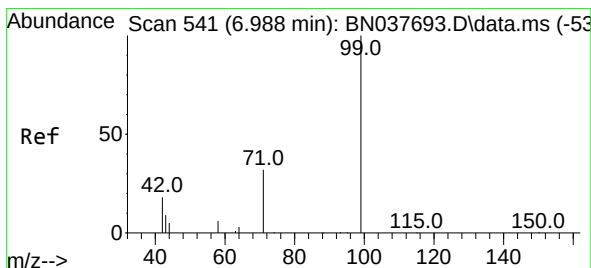
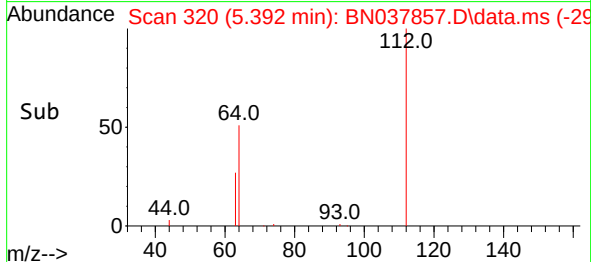
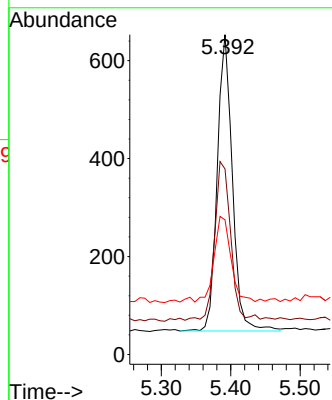
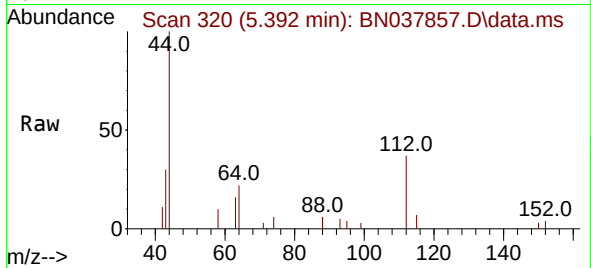




#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

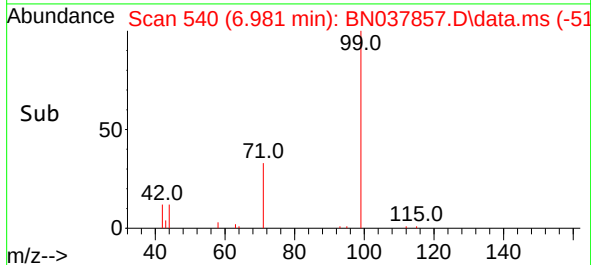
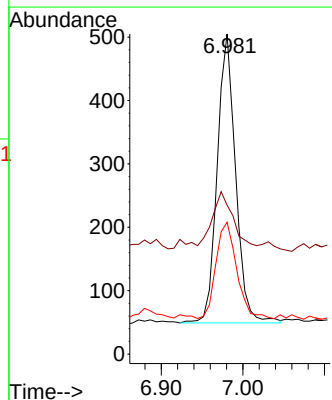
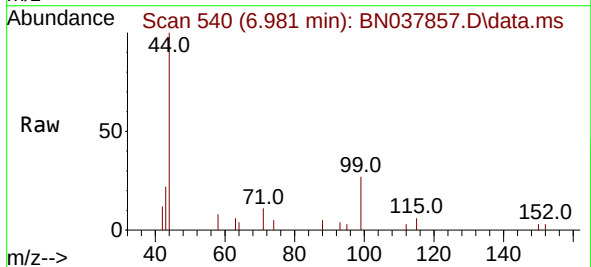
Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915DL

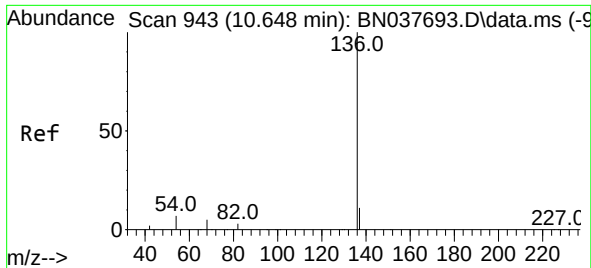
Tgt Ion:112 Resp: 916
Ion Ratio Lower Upper
112 100
64 55.6 44.9 67.3
63 32.0 24.7 37.1



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion: 99 Resp: 715
Ion Ratio Lower Upper
99 100
42 19.6 16.6 24.8
71 37.3 26.7 40.1

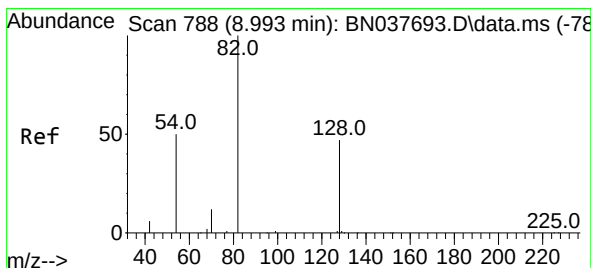
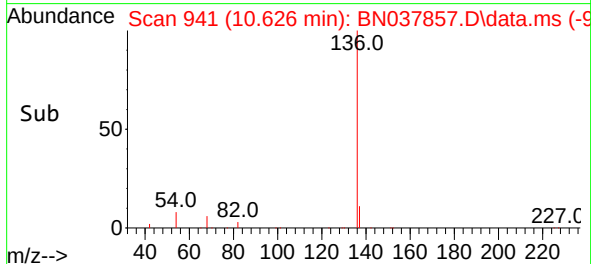
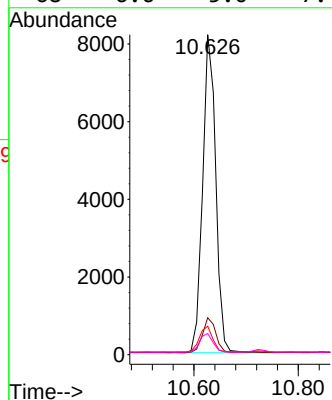
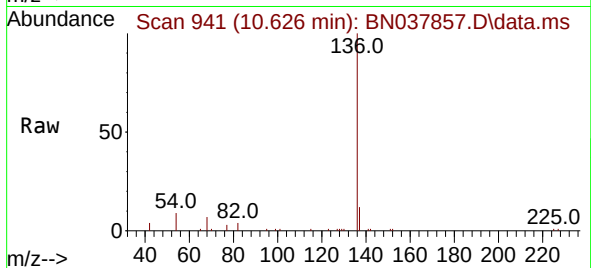




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

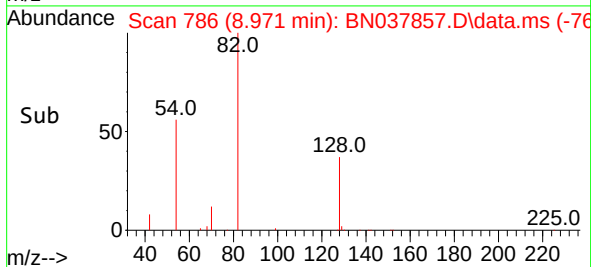
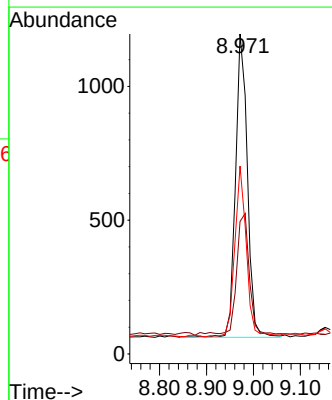
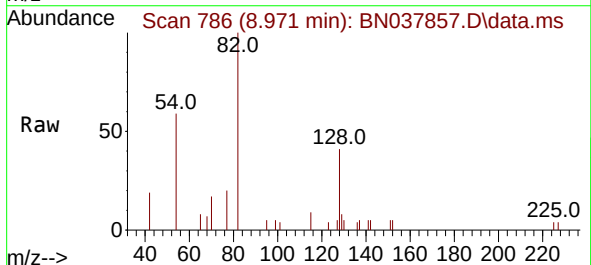
Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915DL

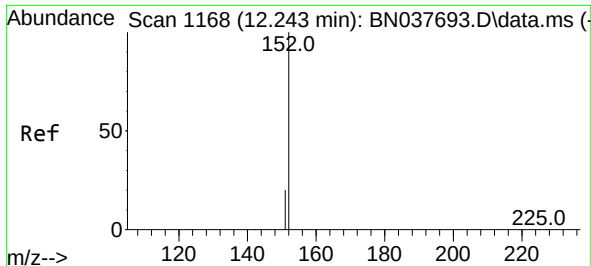
Tgt Ion:136	Resp:	14302
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	8.9	6.3 9.5
68	6.6	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion: 82	Resp:	1990
Ion Ratio	Lower	Upper
82	100	
128	41.4	38.3 57.5
54	58.7	41.4 62.2

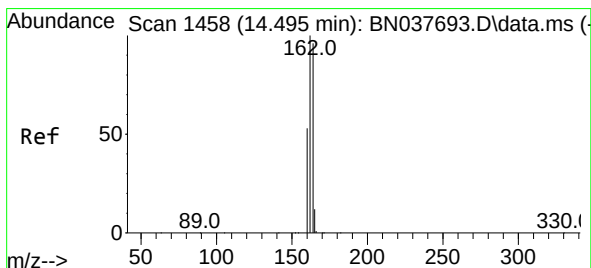
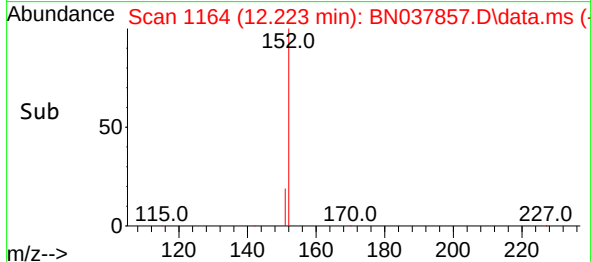
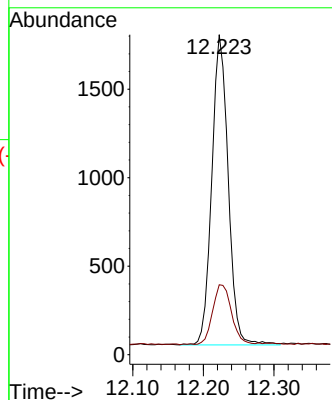
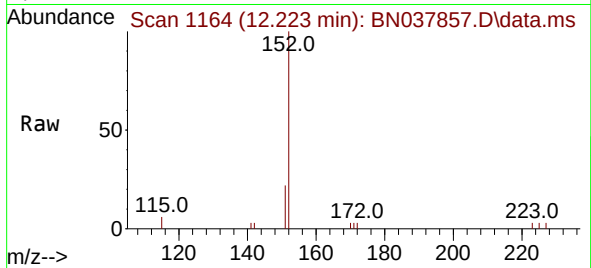




#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.223 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

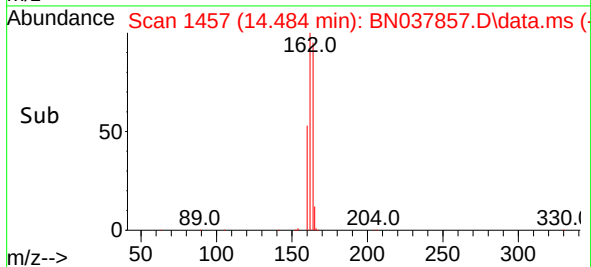
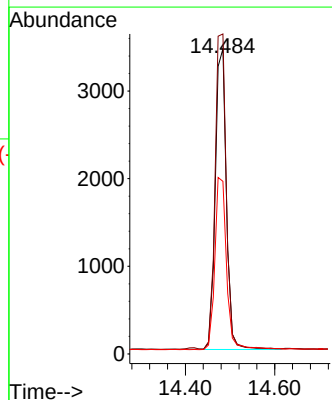
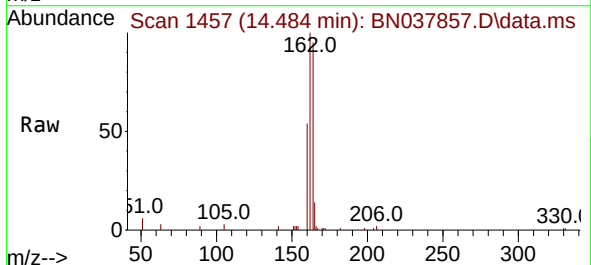
Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915DL

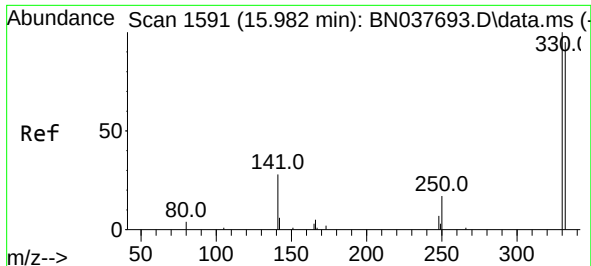
Tgt Ion:152 Resp: 2837
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion:164 Resp: 5898
Ion Ratio Lower Upper
164 100
162 104.9 83.1 124.7
160 56.5 44.3 66.5





#14

2,4,6-Tribromophenol

Concen: 0.220 ng

RT: 15.969 min Scan# 1590

Delta R.T. -0.013 min

Lab File: BN037857.D

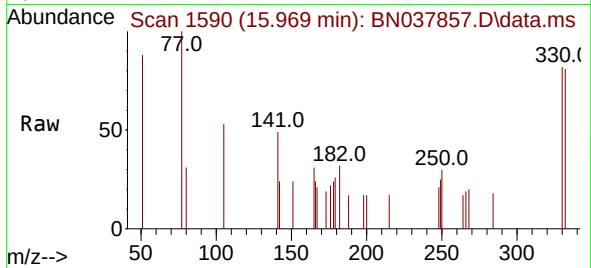
Acq: 22 Sep 2025 15:09

Instrument :

BNA_N

ClientSampleId :

TT101D2-20250915DL



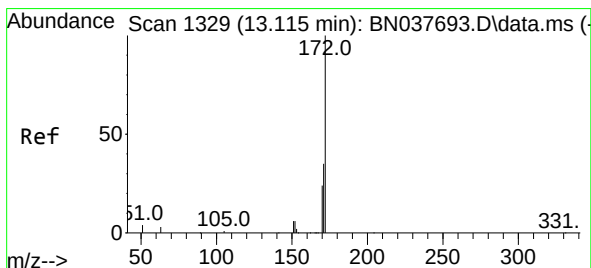
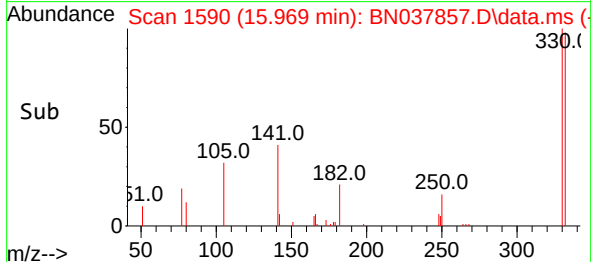
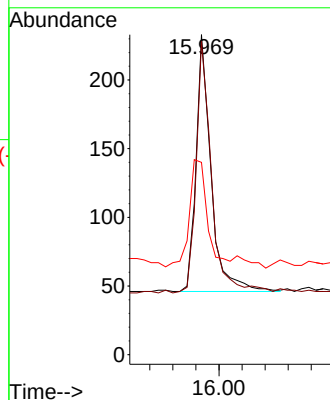
Tgt Ion:330 Resp: 338

Ion Ratio Lower Upper

330 100

332 100.0 75.3 112.9

141 49.1 35.0 52.4



#15

2-Fluorobiphenyl

Concen: 0.177 ng

RT: 13.105 min Scan# 1328

Delta R.T. -0.011 min

Lab File: BN037857.D

Acq: 22 Sep 2025 15:09

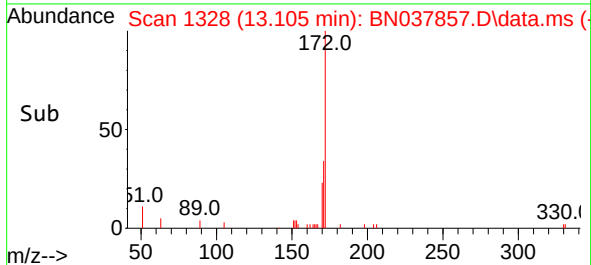
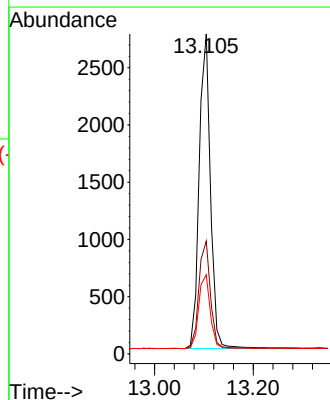
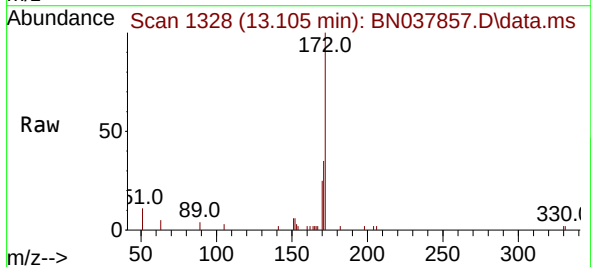
Tgt Ion:172 Resp: 4355

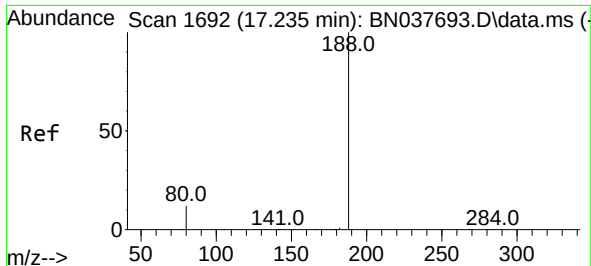
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.7 19.8 29.8

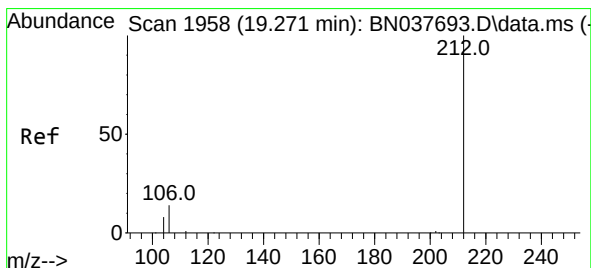
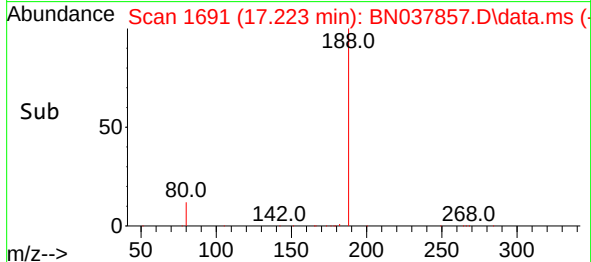
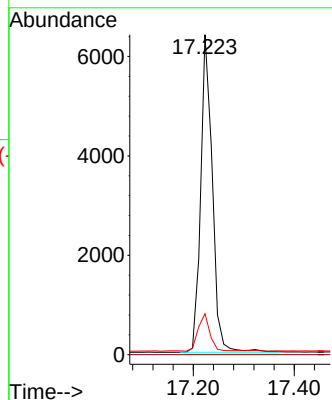
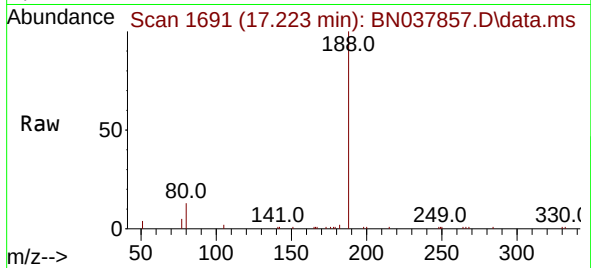




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

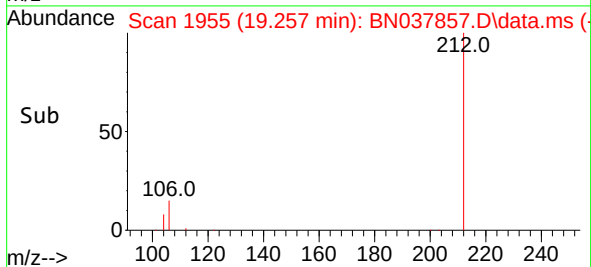
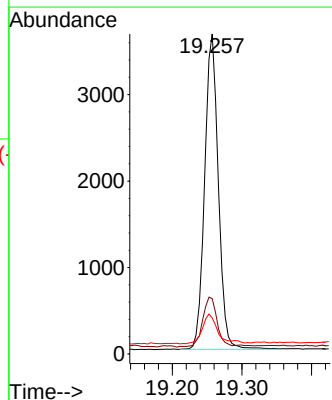
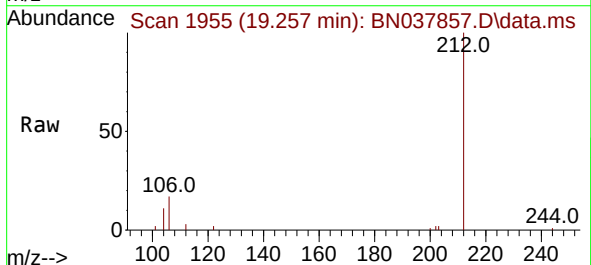
Instrument :
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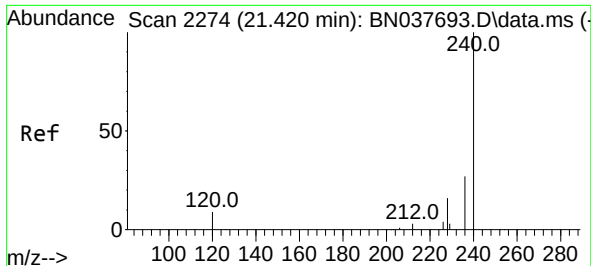
Tgt Ion:188 Resp: 10257
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.194 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion:212 Resp: 4984
Ion Ratio Lower Upper
212 100
106 16.8 12.2 18.2
104 10.8 6.9 10.3#

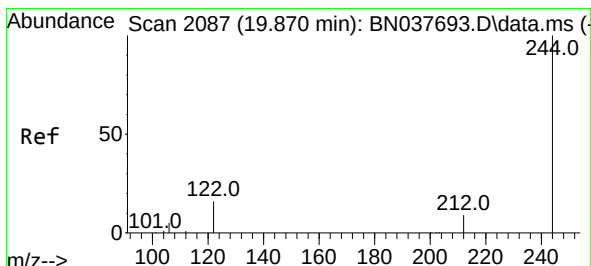
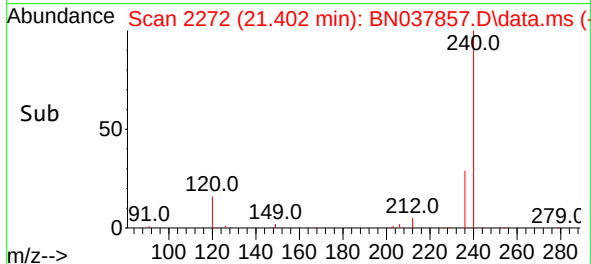
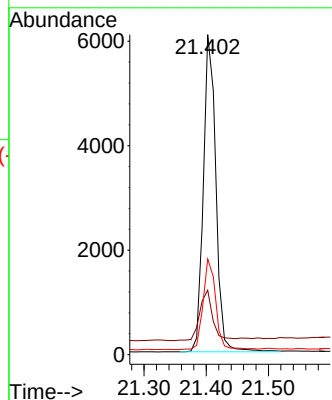
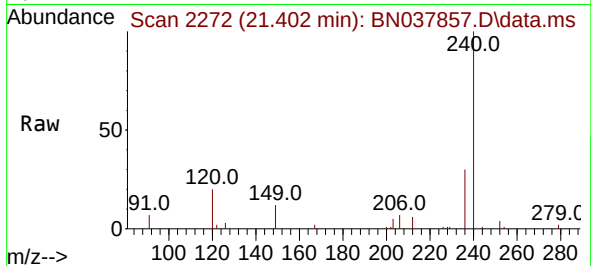




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

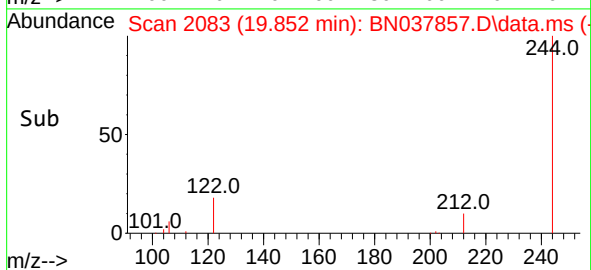
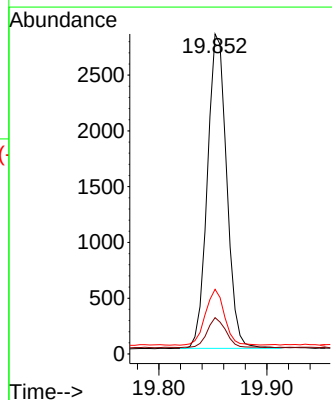
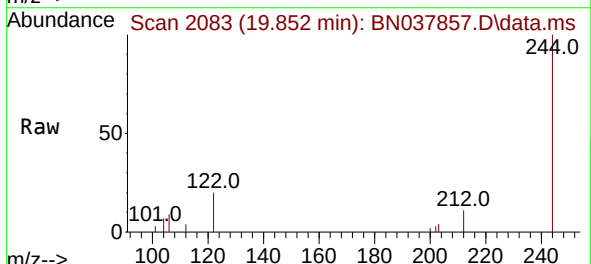
Instrument :
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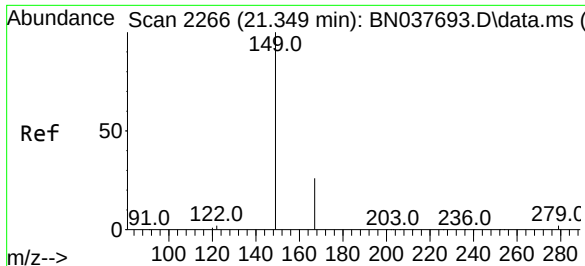
Tgt Ion:240 Resp: 8483
Ion Ratio Lower Upper
240 100
120 20.2 9.2 13.8#
236 29.9 22.6 33.8



#31
Terphenyl-d14
Concen: 0.203 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion:244 Resp: 3501
Ion Ratio Lower Upper
244 100
212 11.4 7.5 11.3#
122 20.2 13.2 19.8#

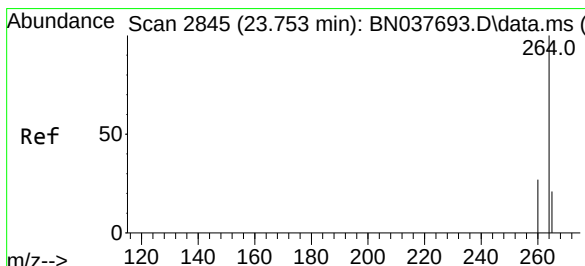
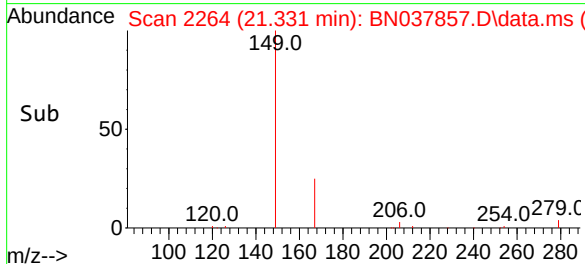
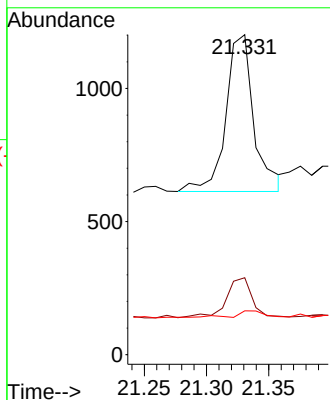
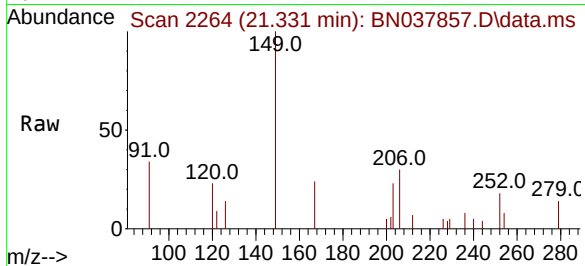




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Instrument :
BNA_N
ClientSampleId :
TT101D2-20250915DL

Tgt Ion:149 Resp: 925
Ion Ratio Lower Upper
149 100
167 23.6 20.8 31.2
279 3.8 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2838
Delta R.T. -0.020 min
Lab File: BN037857.D
Acq: 22 Sep 2025 15:09

Tgt Ion:264 Resp: 7996
Ion Ratio Lower Upper
264 100
260 27.3 21.8 32.8
265 95.2 39.4 59.2#

