

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038447.D
 Acq On : 16 Dec 2025 18:02
 Operator : RC/JU
 Sample : Q3866-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TTMW304D-20251211

Quant Time: Dec 17 02:53:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

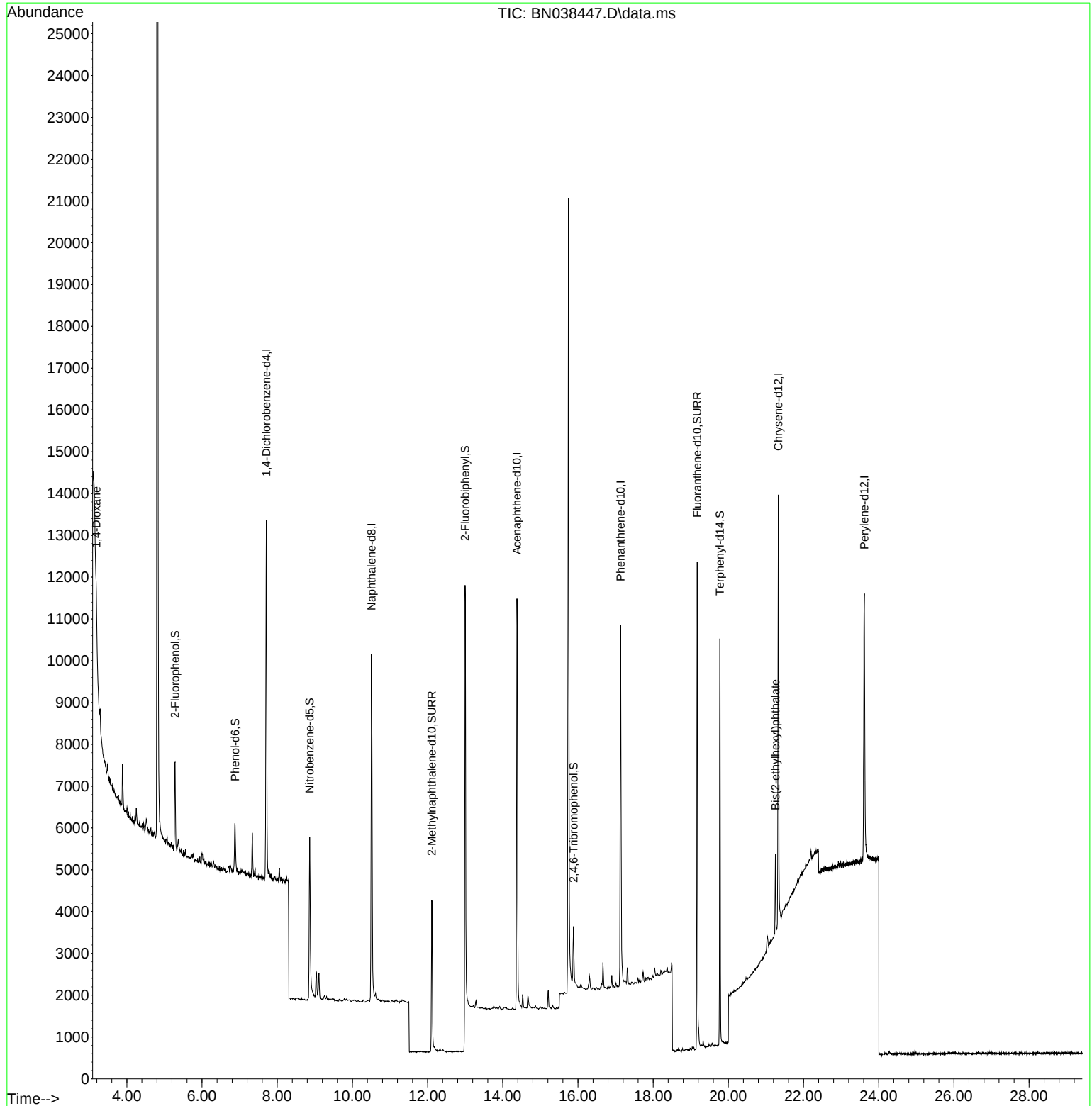
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4474	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	11916	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6425	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12426	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9590	0.400	ng	0.00
35) Perylene-d12	23.616	264	9336	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1877	0.168	ng	0.00
5) Phenol-d6	6.879	99	1274	0.096	ng	0.00
8) Nitrobenzene-d5	8.864	82	3734	0.372	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5645	0.336	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	897	0.315	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14074	0.455	ng	-0.01
27) Fluoranthene-d10	19.173	212	12439	0.405	ng	-0.01
31) Terphenyl-d14	19.777	244	9629	0.450	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	328	0.064	ng	# 23
34) Bis(2-ethylhexyl)phtha...	21.250	149	1885	0.093	ng	97

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

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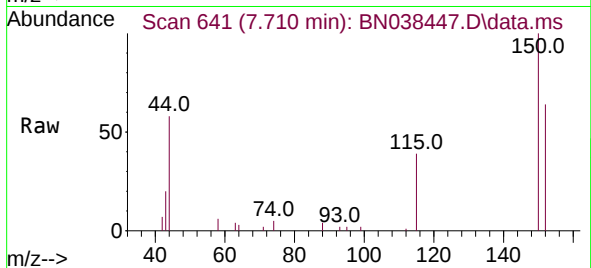
Quant Time: Dec 17 02:53:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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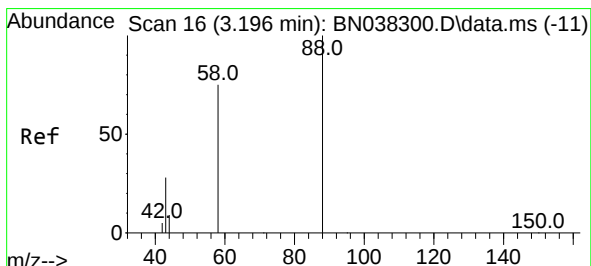
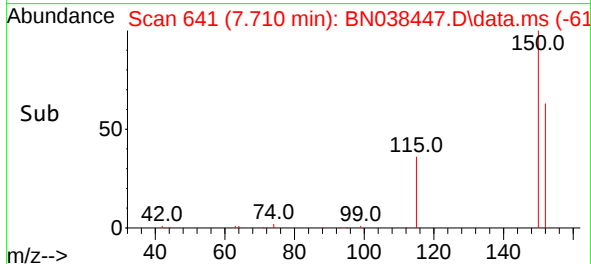
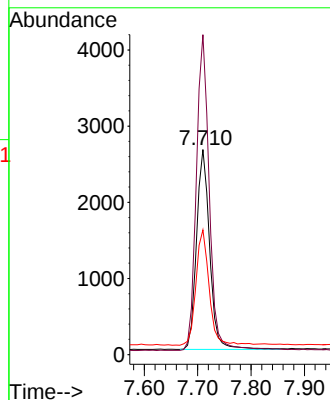
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038447.D
 Acq: 16 Dec 2025 18:02

Instrument :
 BNA_N
 ClientSampleId :
 TTMW304D-20251211



Tgt Ion:152 Resp: 4474

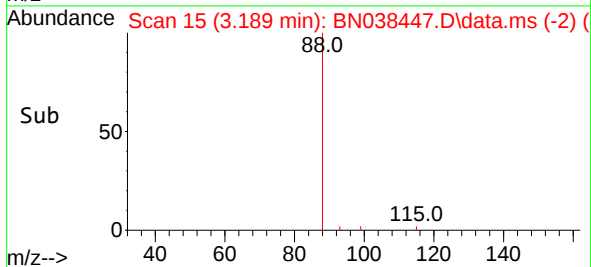
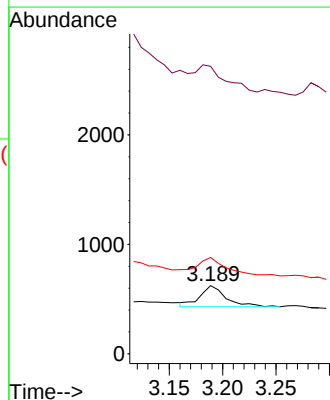
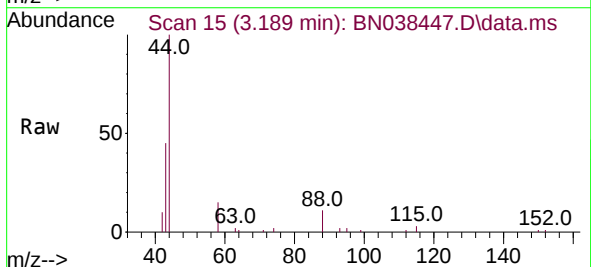
Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.4	183.6
115	60.8	47.3	70.9

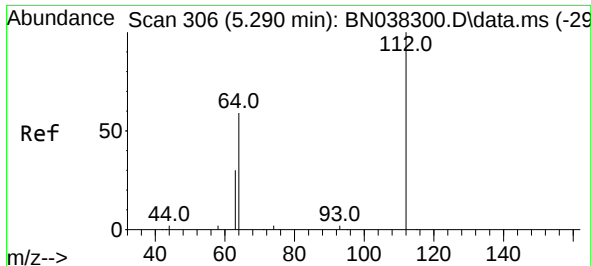


#2
 1,4-Dioxane
 Concen: 0.064 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038447.D
 Acq: 16 Dec 2025 18:02

Tgt Ion: 88 Resp: 328

Ion	Ratio	Lower	Upper
88	100		
43	141.8	24.9	37.3#
58	100.0	61.4	92.0#

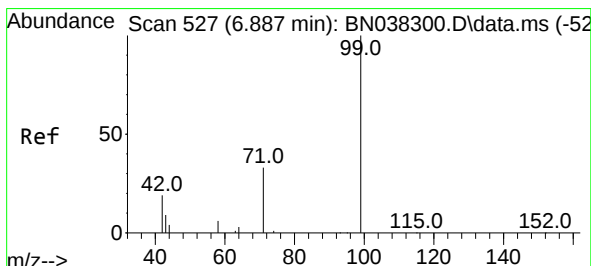
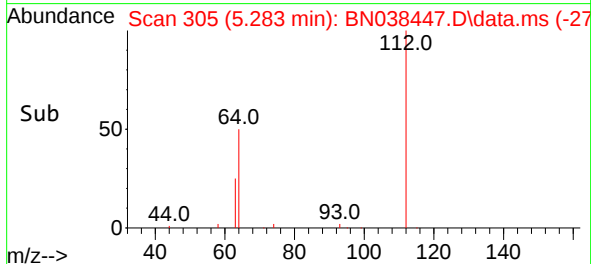
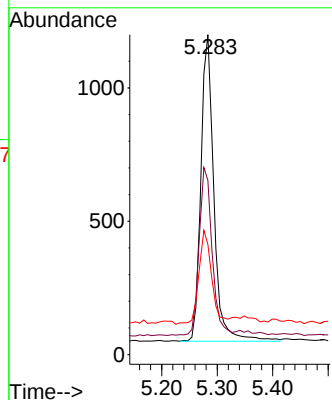
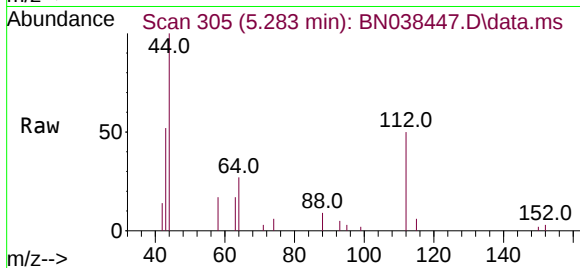




#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

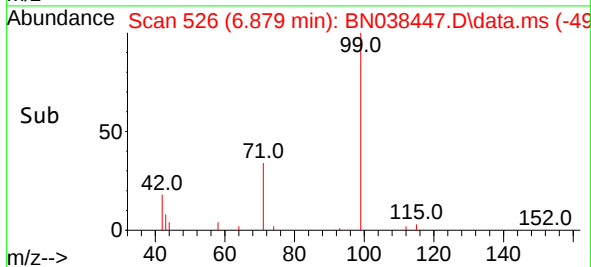
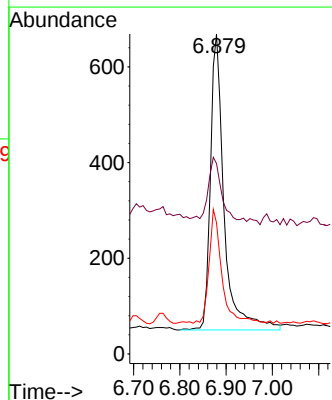
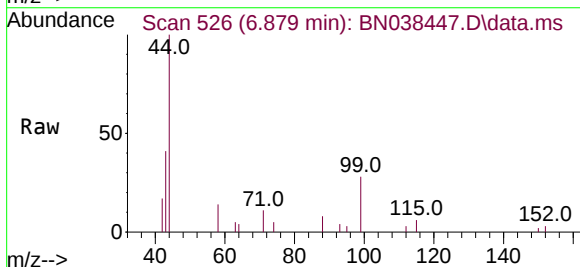
Instrument :
BNA_N
ClientSampleId :
TTMW304D-20251211

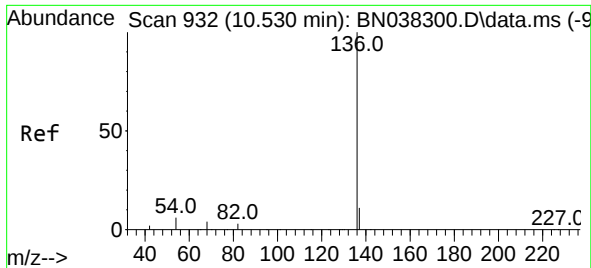
Tgt Ion:112 Resp: 1877
Ion Ratio Lower Upper
112 100
64 54.7 44.4 66.6
63 28.6 23.4 35.0



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

Tgt Ion: 99 Resp: 1274
Ion Ratio Lower Upper
99 100
42 18.5 16.5 24.7
71 35.7 24.9 37.3

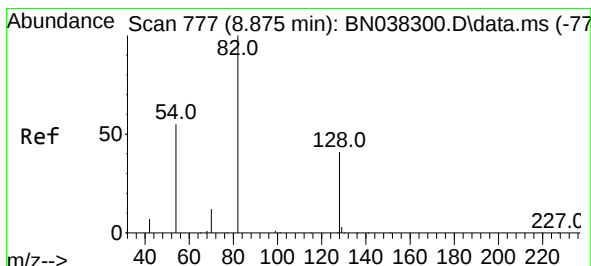
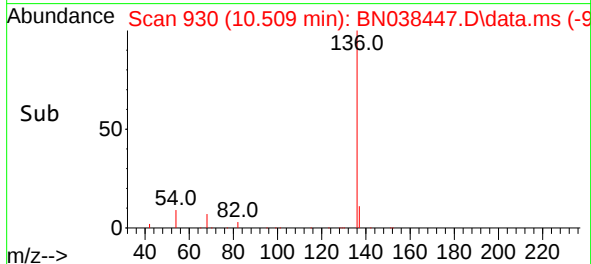
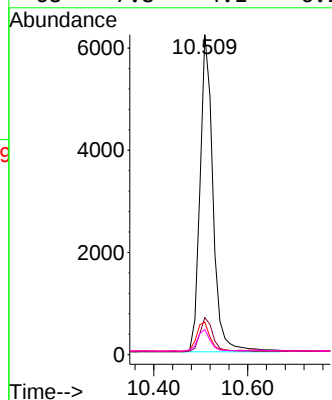
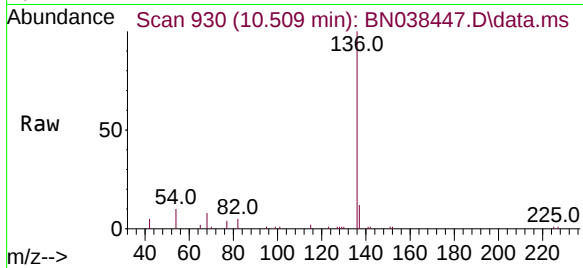




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 931
Delta R.T. -0.021 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

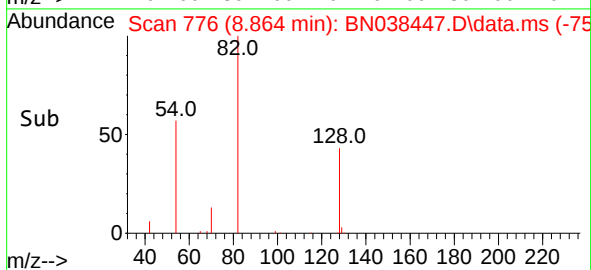
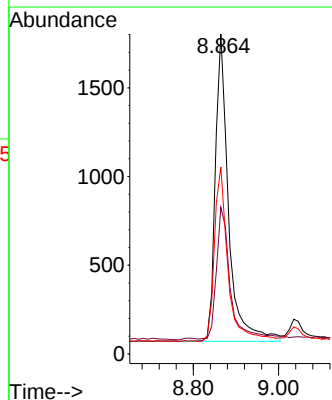
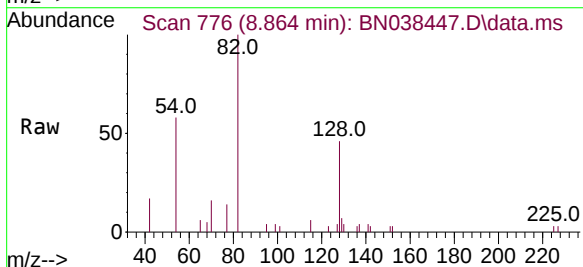
Instrument :
BNA_N
ClientSampleId :
TTMW304D-20251211

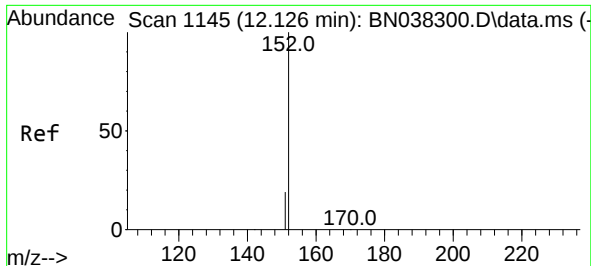
Tgt Ion:	136	Resp:	11916
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	10.1	5.2	7.8#
68	7.8	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

Tgt Ion:	82	Resp:	3734
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.0	51.0
54	58.4	44.4	66.6

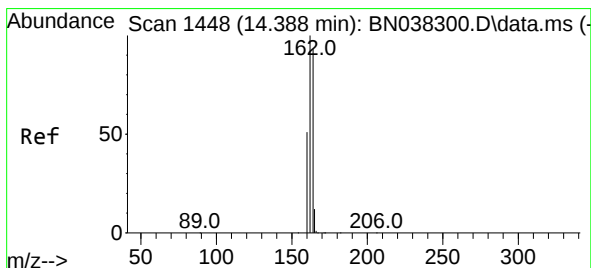
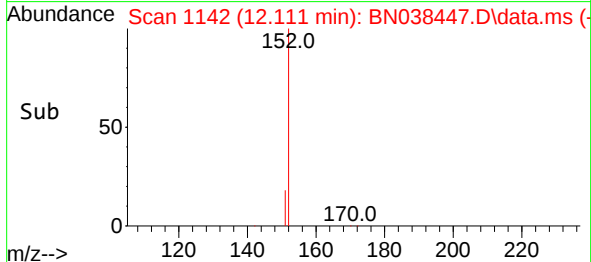
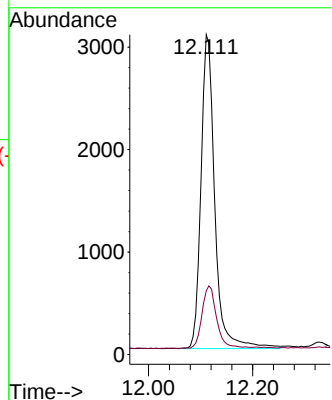
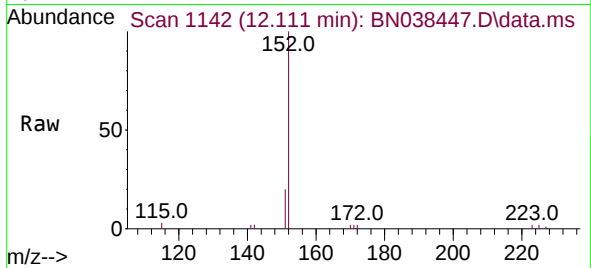




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

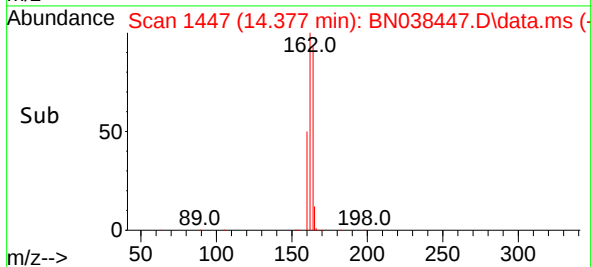
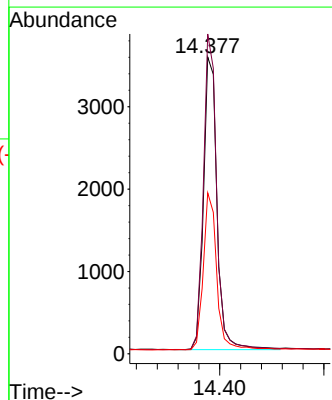
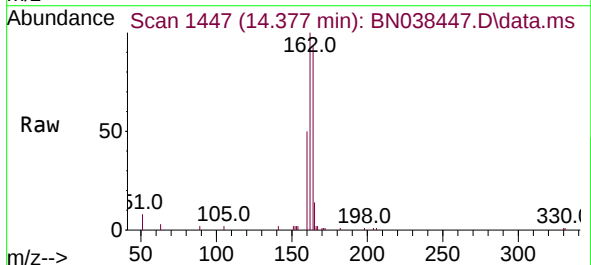
Instrument :
BNA_N
ClientSampleId :
TTMW304D-20251211

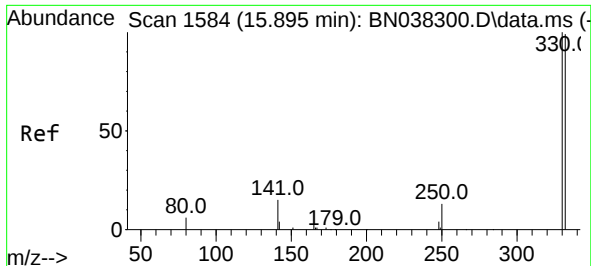
Tgt Ion:152 Resp: 5645
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

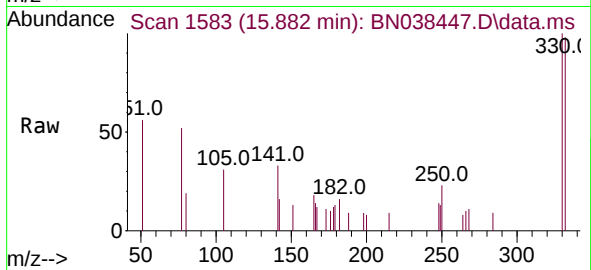
Tgt Ion:164 Resp: 6425
Ion Ratio Lower Upper
164 100
162 107.8 86.2 129.4
160 54.2 44.6 67.0



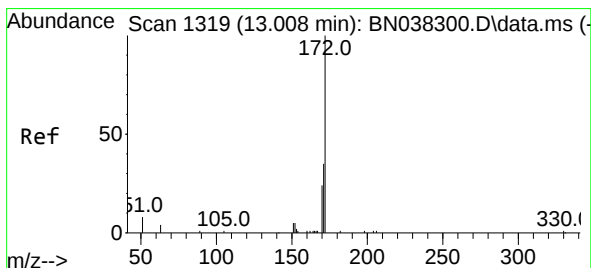
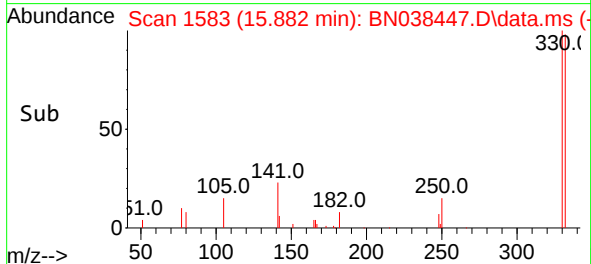
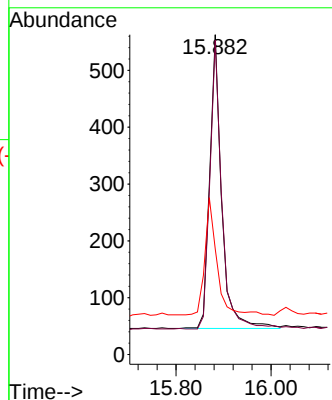


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

Instrument :
BNA_N
ClientSampleId :
TTMW304D-20251211

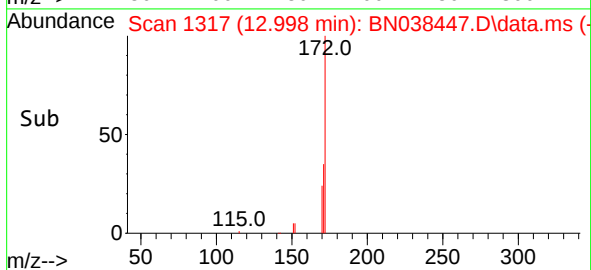
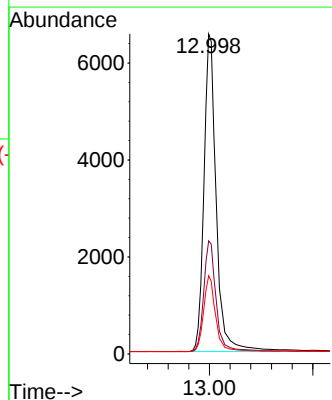
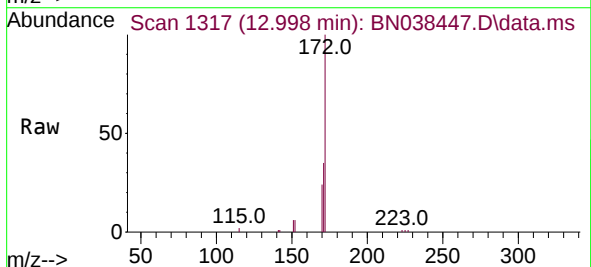


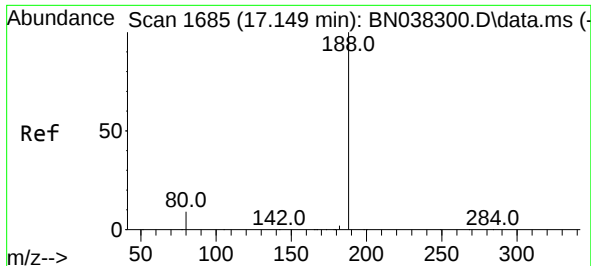
Tgt Ion:330 Resp: 897
Ion Ratio Lower Upper
330 100
332 98.4 75.8 113.6
141 40.8 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.455 ng
RT: 12.998 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

Tgt Ion:172 Resp: 14074
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.4 19.3 28.9

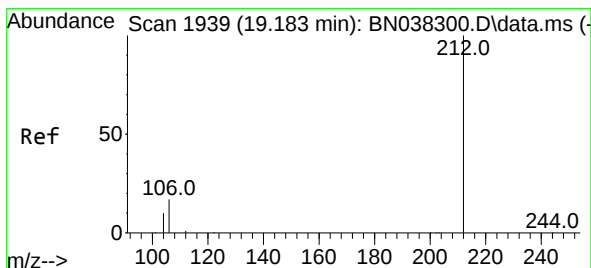
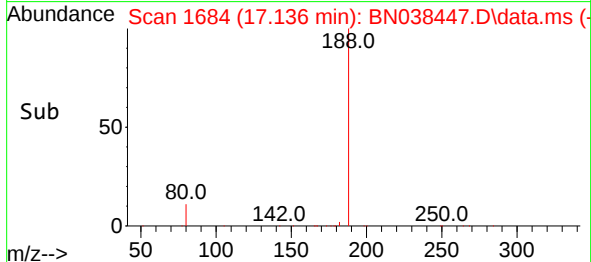
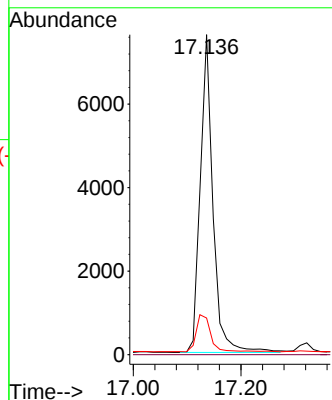
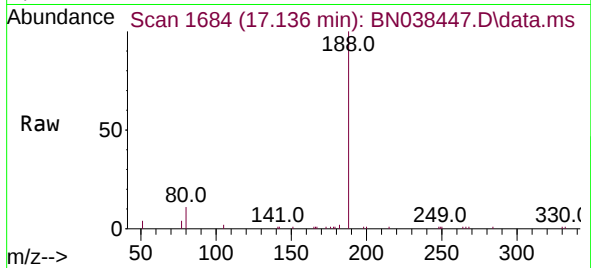




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

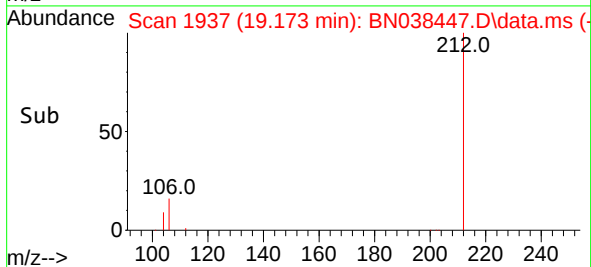
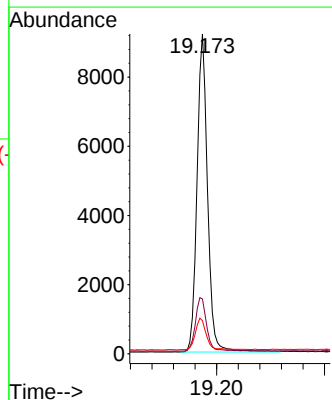
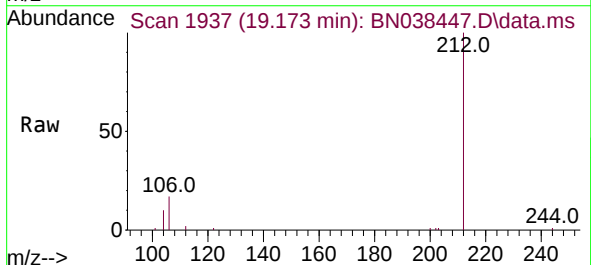
Instrument :
BNA_N
ClientSampleId :
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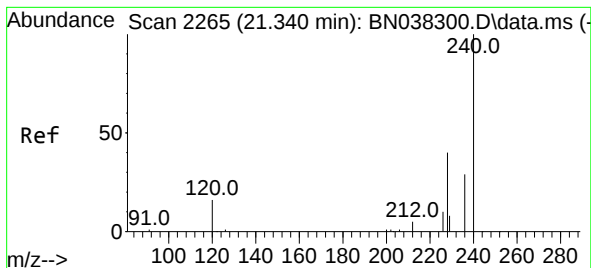
Tgt Ion:188 Resp: 12426
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.173 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038447.D
Acq: 16 Dec 2025 18:02

Tgt Ion:212 Resp: 12439
Ion Ratio Lower Upper
212 100
106 17.9 13.7 20.5
104 10.4 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.331 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038447.D

Acq: 16 Dec 2025 18:02

Instrument :

BNA_N

ClientSampleId :

TTMW304D-20251211

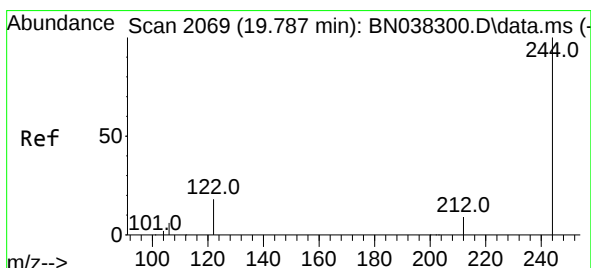
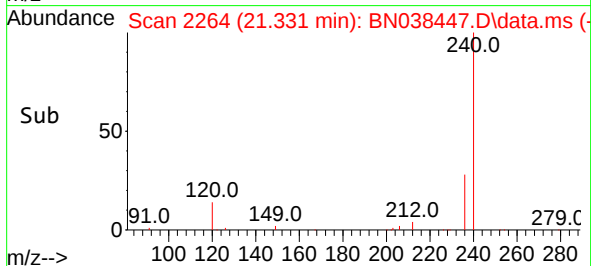
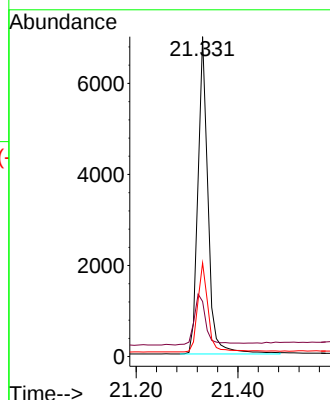
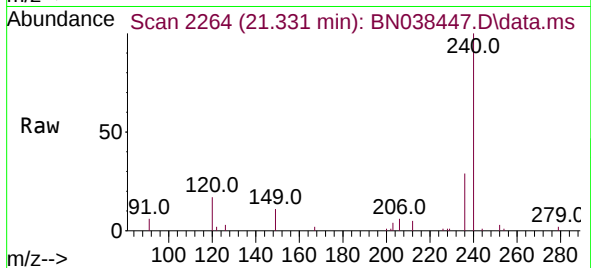
Tgt Ion:240 Resp: 9590

Ion Ratio Lower Upper

240 100

120 17.2 15.4 23.2

236 29.3 23.9 35.9



#31

Terphenyl-d14

Concen: 0.450 ng

RT: 19.777 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN038447.D

Acq: 16 Dec 2025 18:02

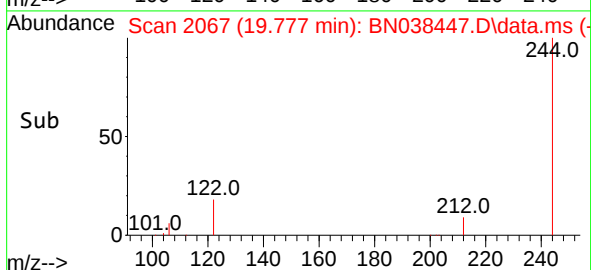
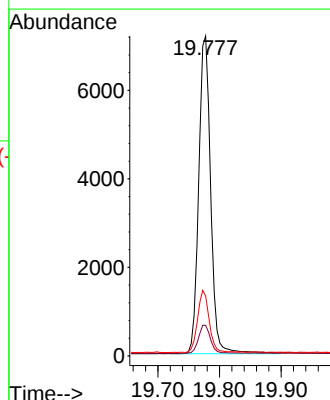
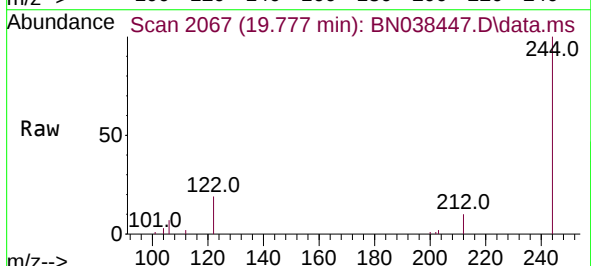
Tgt Ion:244 Resp: 9629

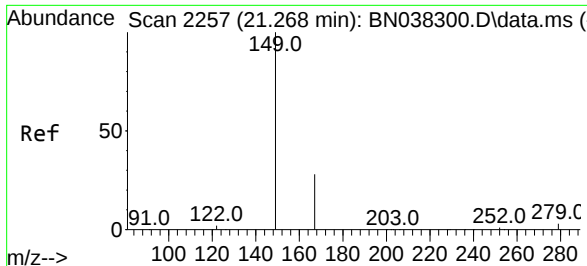
Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

122 18.7 15.0 22.6

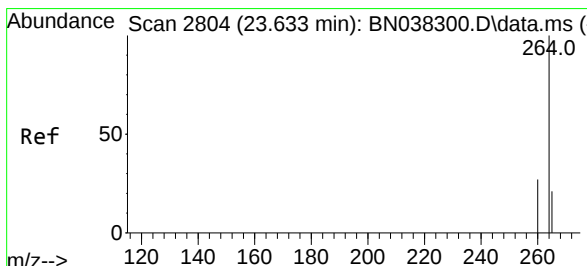
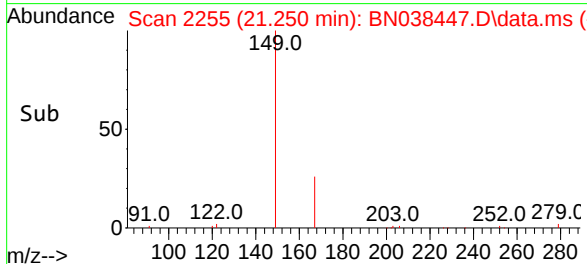
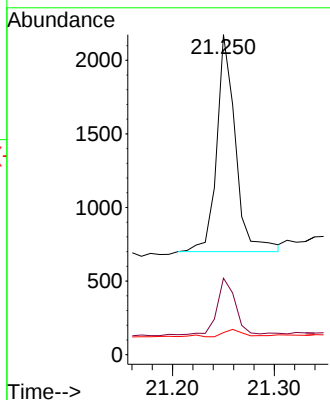
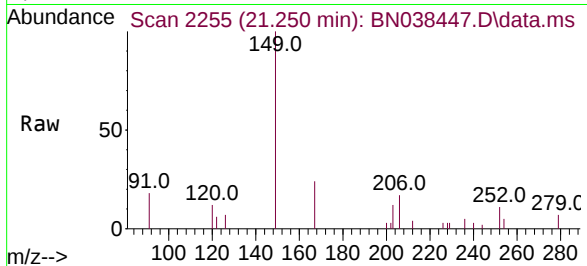




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.250 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN038447.D
 Acq: 16 Dec 2025 18:02

Instrument :
 BNA_N
 ClientSampleId :
 TTMW304D-20251211

Tgt Ion:149 Resp: 1885
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.5 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.018 min
 Lab File: BN038447.D
 Acq: 16 Dec 2025 18:02

Tgt Ion:264 Resp: 9336
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.2 33.2
 265 96.2 80.2 120.2

