

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038443.D
 Acq On : 16 Dec 2025 15:38
 Operator : RC/JU
 Sample : Q3840-19
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-M2-20251211

Quant Time: Dec 16 16:02:35 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)

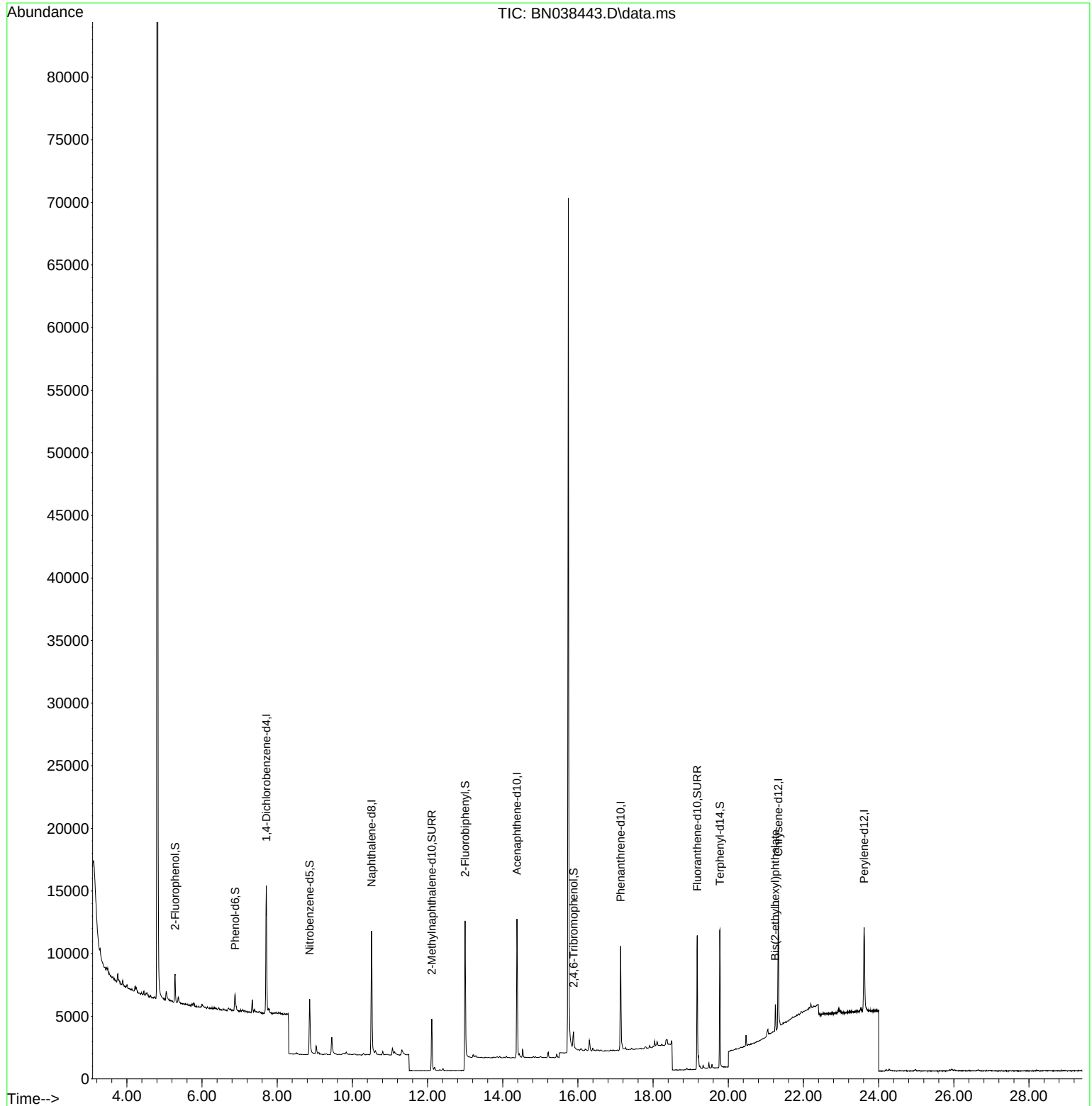
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5165	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13464	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6572	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	11374	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9443	0.400	ng	0.00
35) Perylene-d12	23.613	264	9706	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1936	0.151	ng	0.00
5) Phenol-d6	6.879	99	1386	0.091	ng	0.00
8) Nitrobenzene-d5	8.865	82	4028	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6104	0.321	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	843	0.289	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	14185	0.448	ng	-0.01
27) Fluoranthene-d10	19.174	212	11202	0.398	ng	-0.01
31) Terphenyl-d14	19.777	244	10569	0.502	ng	-0.01
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.250	149	2211	0.110	ng	Qvalue # 97

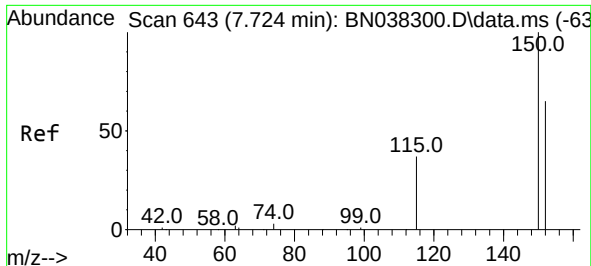
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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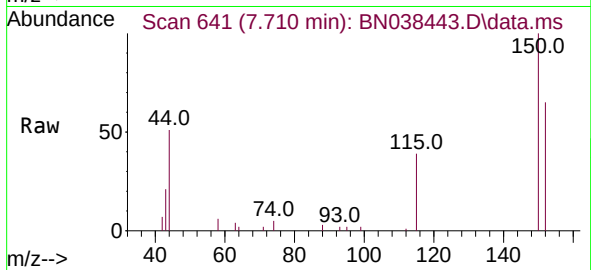
Quant Time: Dec 16 16:02:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



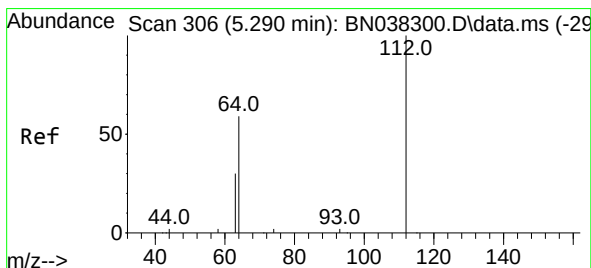
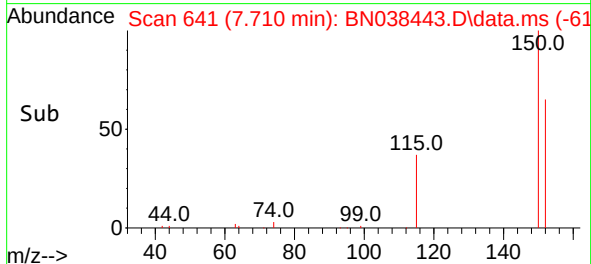
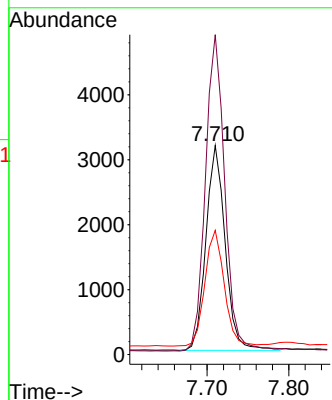


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

Instrument :
BNA_N
ClientSampleId :
DUP02-M2-20251211

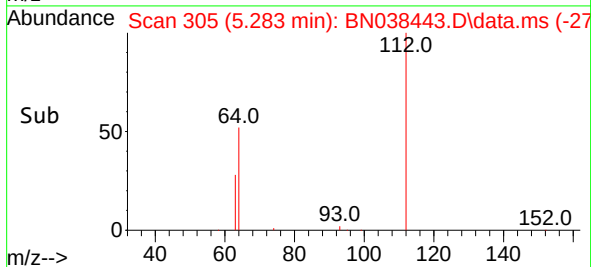
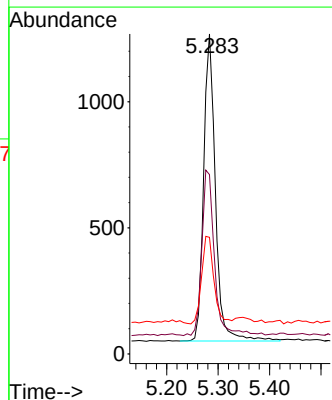
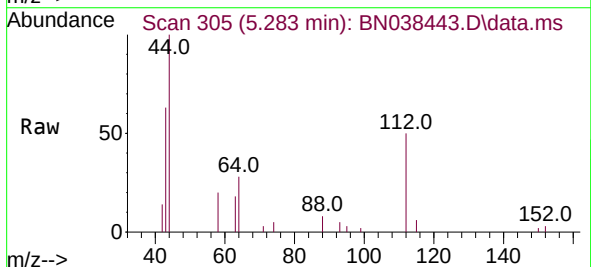


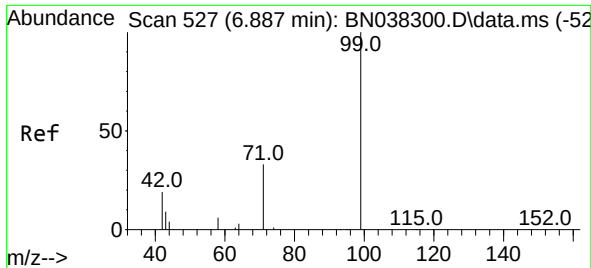
Tgt Ion:152 Resp: 5165
Ion Ratio Lower Upper
152 100
150 153.1 122.4 183.6
115 59.5 47.3 70.9



#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

Tgt Ion:112 Resp: 1936
Ion Ratio Lower Upper
112 100
64 57.9 44.4 66.6
63 30.0 23.4 35.0

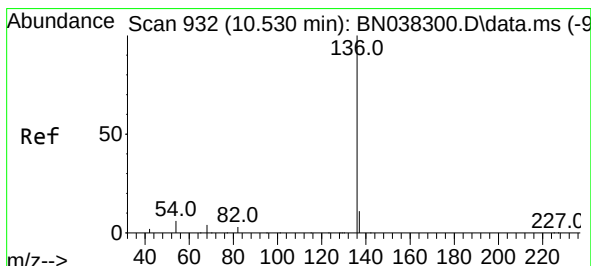
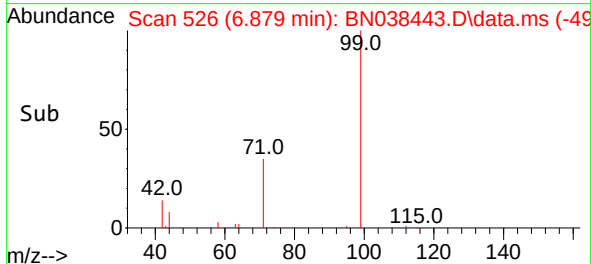
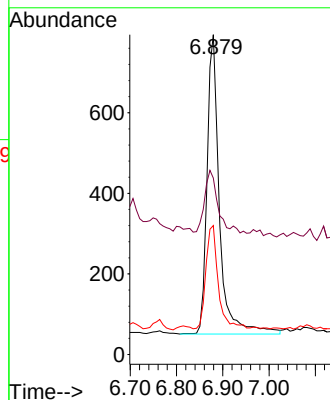
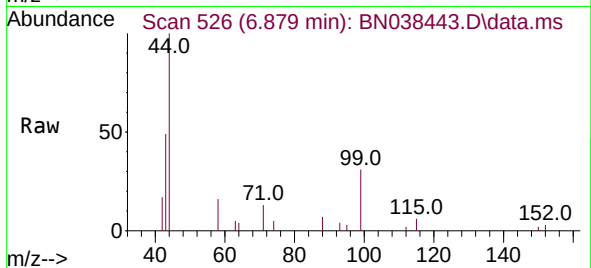




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

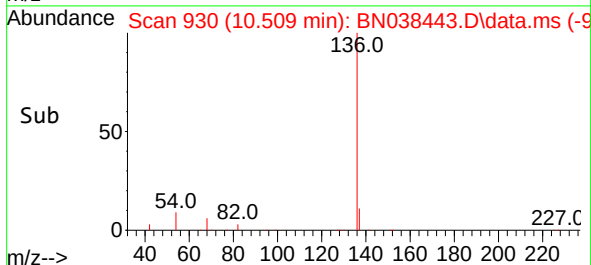
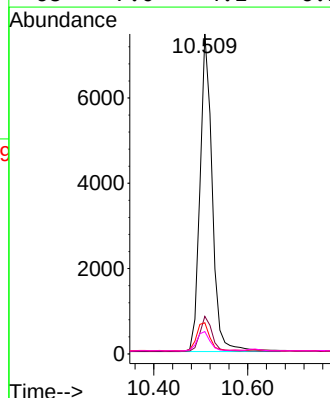
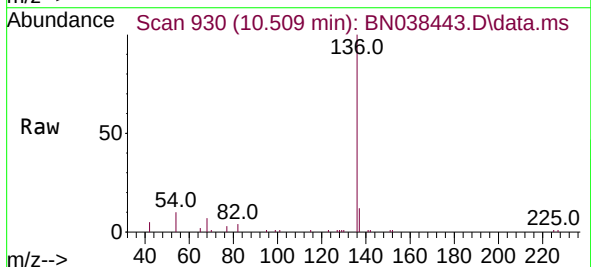
Instrument :
BNA_N
ClientSampleId :
DUP02-M2-20251211

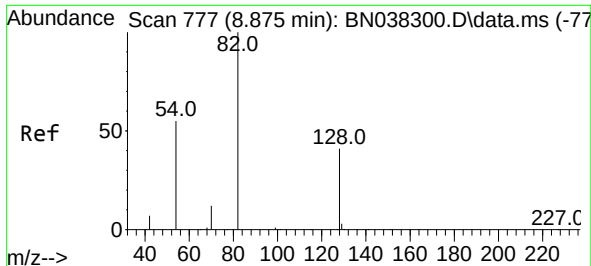
Tgt Ion: 99 Resp: 1386
Ion Ratio Lower Upper
99 100
42 23.7 16.5 24.7
71 34.3 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

Tgt Ion: 136 Resp: 13464
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 9.7 5.2 7.8#
68 7.0 4.1 6.1#

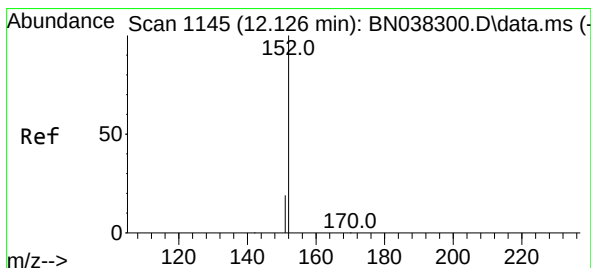
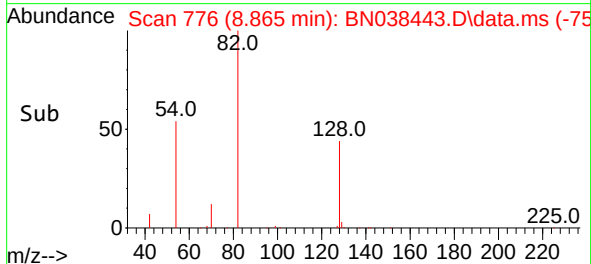
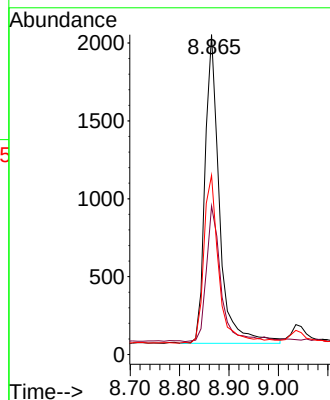
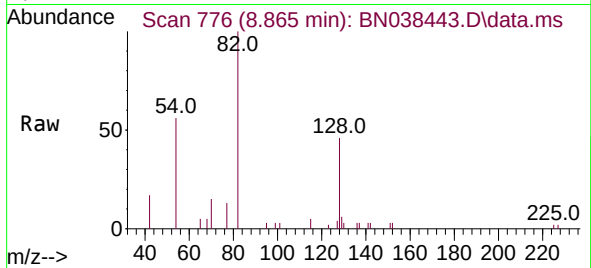




#8
 Nitrobenzene-d5
 Concen: 0.355 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038443.D
 Acq: 16 Dec 2025 15:38

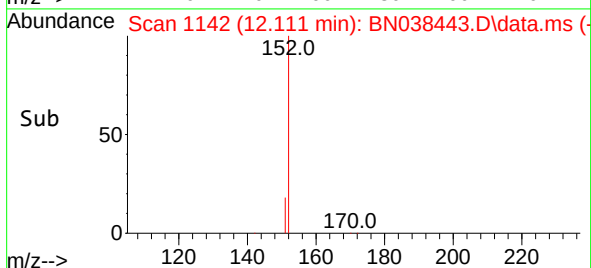
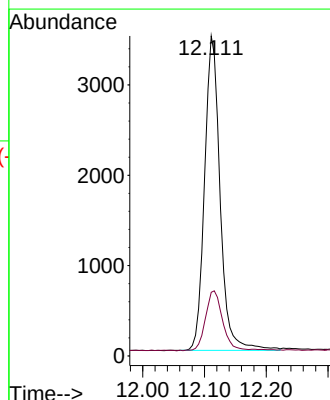
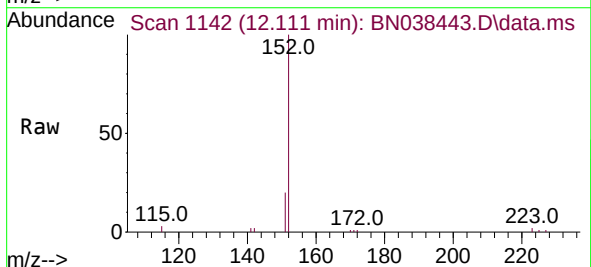
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-M2-20251211

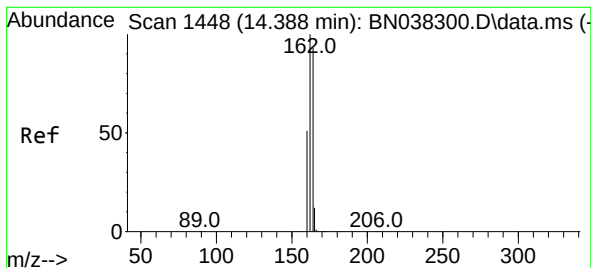
Tgt Ion: 82 Resp: 4028
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 56.0 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 12.111 min Scan# 1142
 Delta R.T. -0.015 min
 Lab File: BN038443.D
 Acq: 16 Dec 2025 15:38

Tgt Ion: 152 Resp: 6104
 Ion Ratio Lower Upper
 152 100
 151 20.9 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: BN038443.D

Acq: 16 Dec 2025 15:38

Instrument :

BNA_N

ClientSampleId :

DUP02-M2-20251211

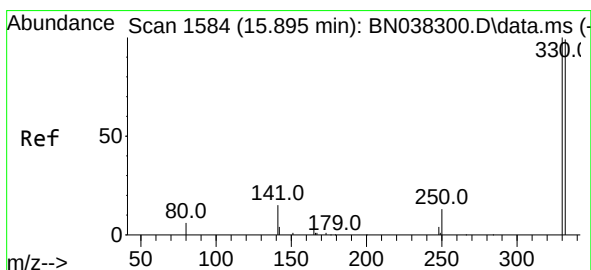
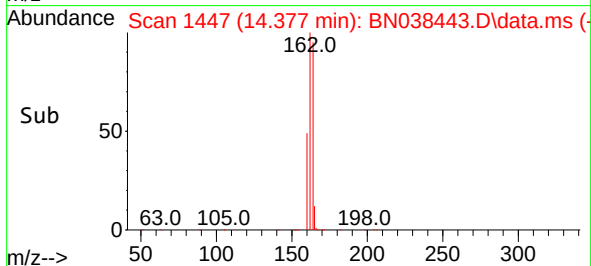
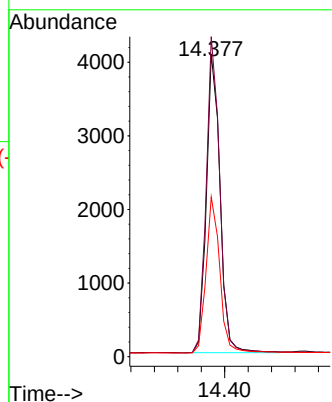
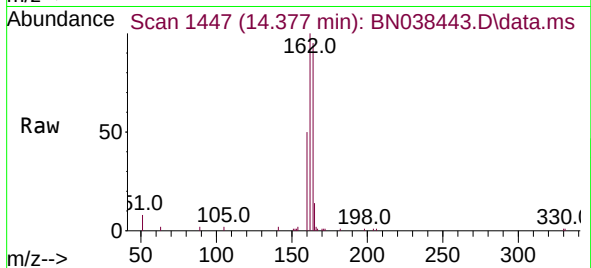
Tgt Ion:164 Resp: 6572

Ion Ratio Lower Upper

164 100

162 105.7 86.2 129.4

160 52.7 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.289 ng

RT: 15.882 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BN038443.D

Acq: 16 Dec 2025 15:38

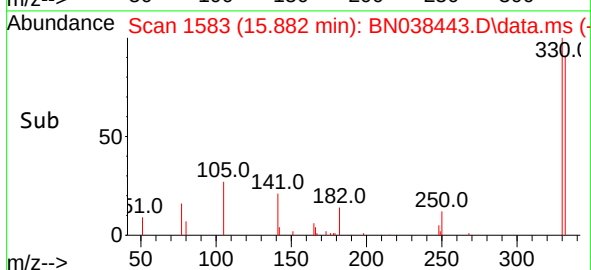
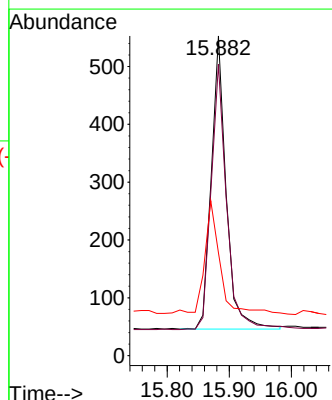
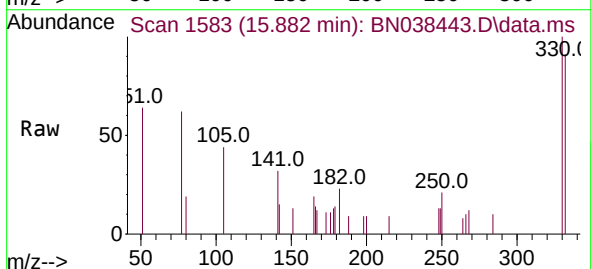
Tgt Ion:330 Resp: 843

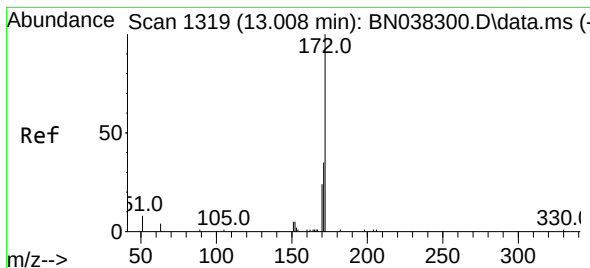
Ion Ratio Lower Upper

330 100

332 95.4 75.8 113.6

141 41.4 31.8 47.8





#15

2-Fluorobiphenyl

Concen: 0.448 ng

RT: 12.998 min Scan# 1319

Delta R.T. -0.010 min

Lab File: BN038443.D

Acq: 16 Dec 2025 15:38

Instrument :

BNA_N

ClientSampleId :

DUP02-M2-20251211

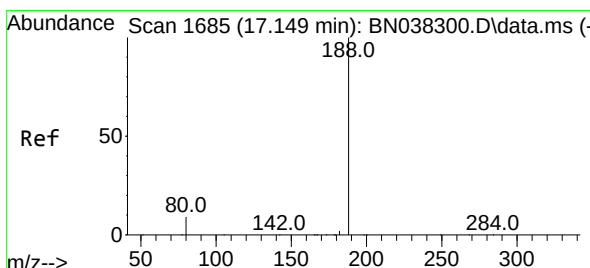
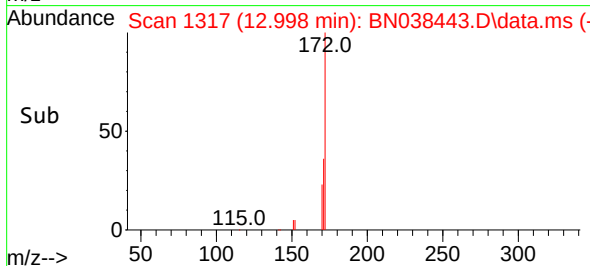
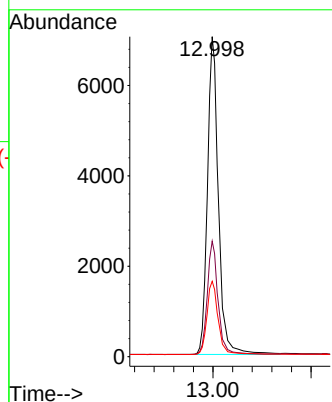
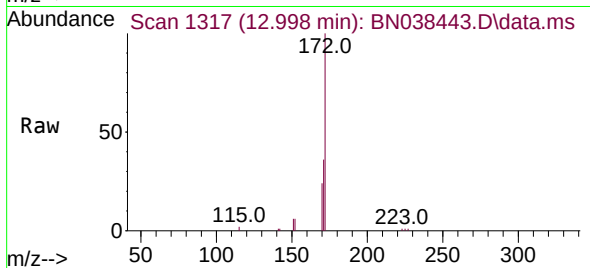
Tgt Ion:172 Resp: 14185

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 23.6 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: BN038443.D

Acq: 16 Dec 2025 15:38

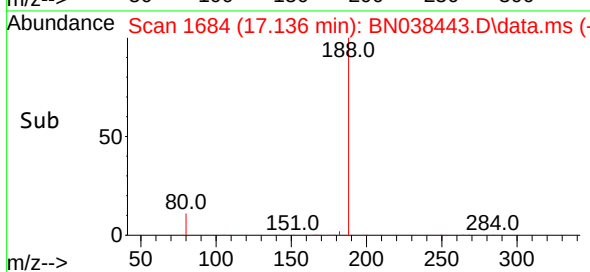
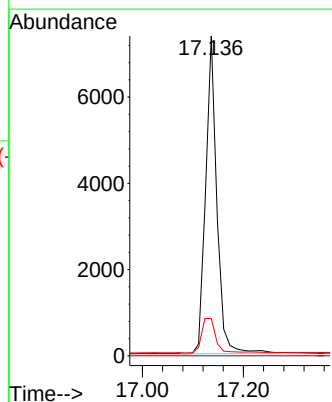
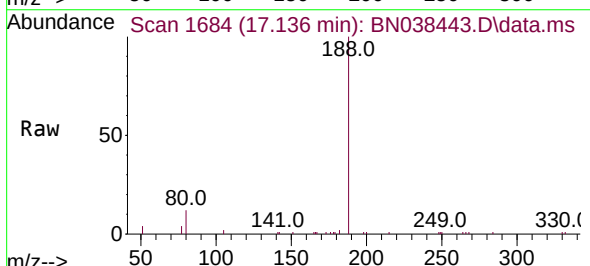
Tgt Ion:188 Resp: 11374

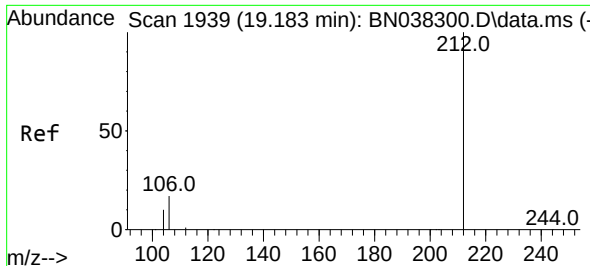
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 7.4 11.0#

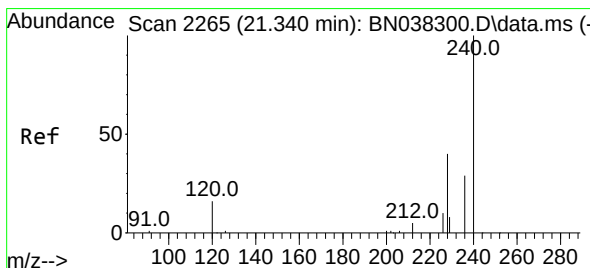
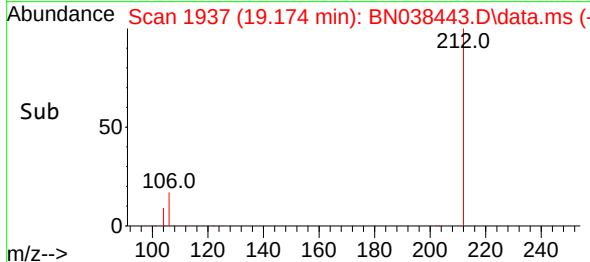
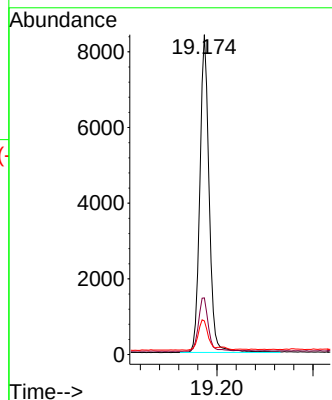
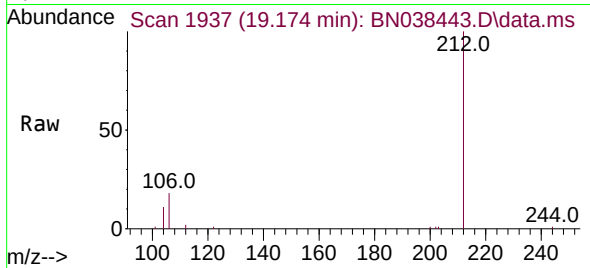




#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

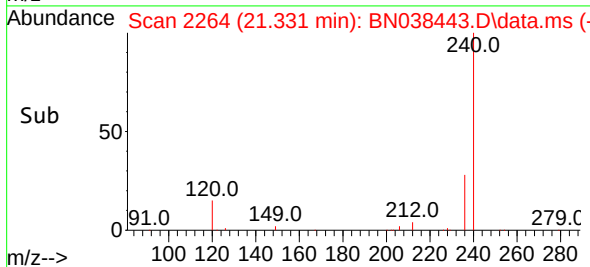
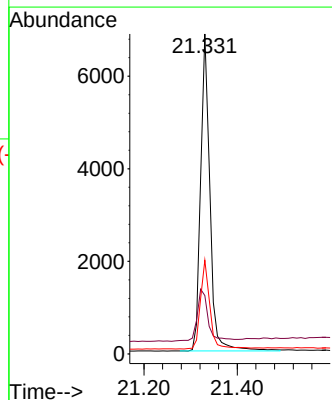
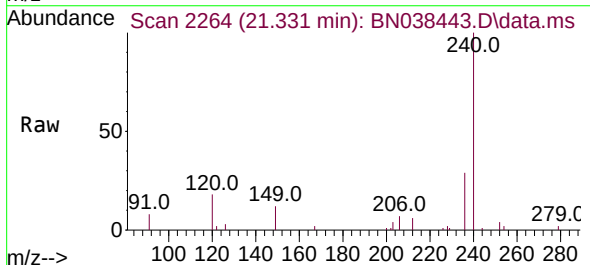
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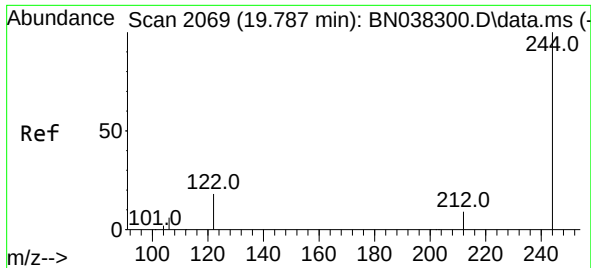
Tgt Ion:212 Resp: 11202
Ion Ratio Lower Upper
212 100
106 18.0 13.7 20.5
104 9.9 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038443.D
Acq: 16 Dec 2025 15:38

Tgt Ion:240 Resp: 9443
Ion Ratio Lower Upper
240 100
120 18.2 15.4 23.2
236 29.3 23.9 35.9

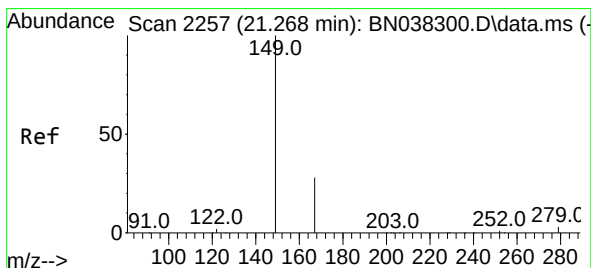
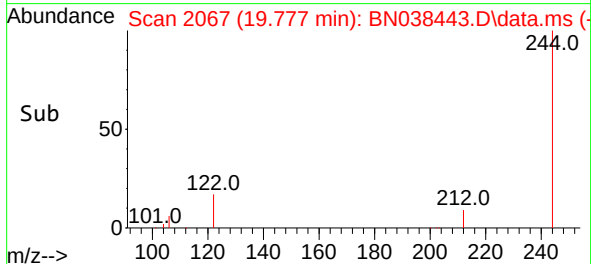
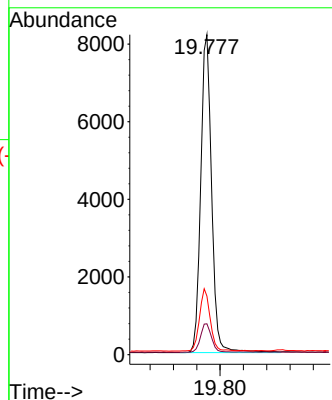
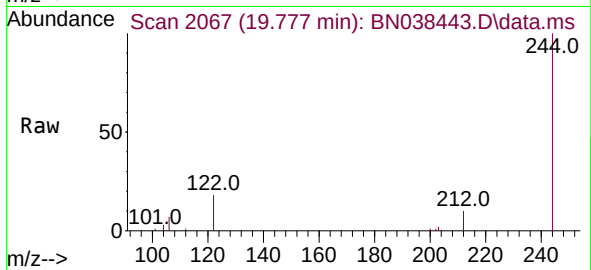




#31
 Terphenyl-d14
 Concen: 0.502 ng
 RT: 19.777 min Scan# 2069
 Delta R.T. -0.014 min
 Lab File: BN038443.D
 Acq: 16 Dec 2025 15:38

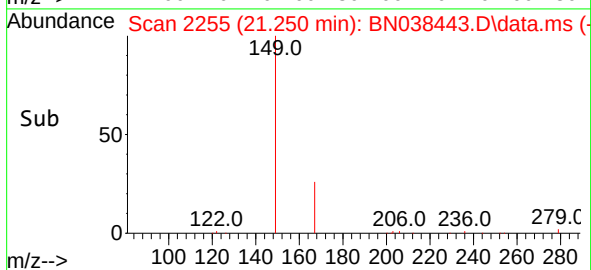
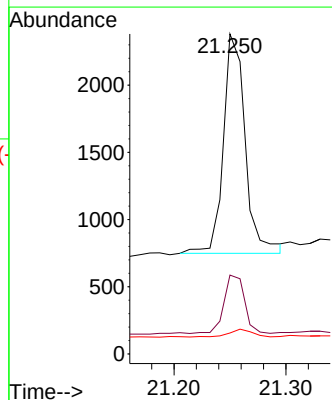
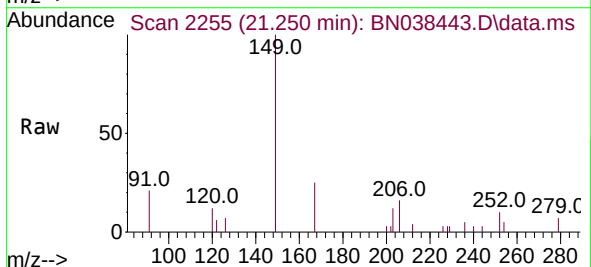
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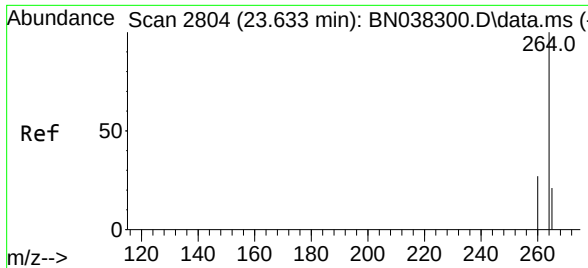
Tgt Ion:244 Resp: 10569
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.9 11.9
 122 18.3 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.250 min Scan# 2255
 Delta R.T. -0.018 min
 Lab File: BN038443.D
 Acq: 16 Dec 2025 15:38

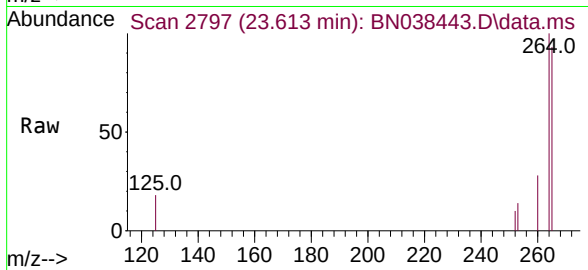
Tgt Ion:149 Resp: 2211
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 3.8 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.613 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN038443.D
 Acq: 16 Dec 2025 15:38

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-M2-20251211



Tgt Ion:264 Resp: 9706

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	93.5	80.2	120.2

