

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038440.D
 Acq On : 16 Dec 2025 13:50
 Operator : RC/JU
 Sample : Q3840-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-M2-20251210

Quant Time: Dec 16 14:14:13 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)

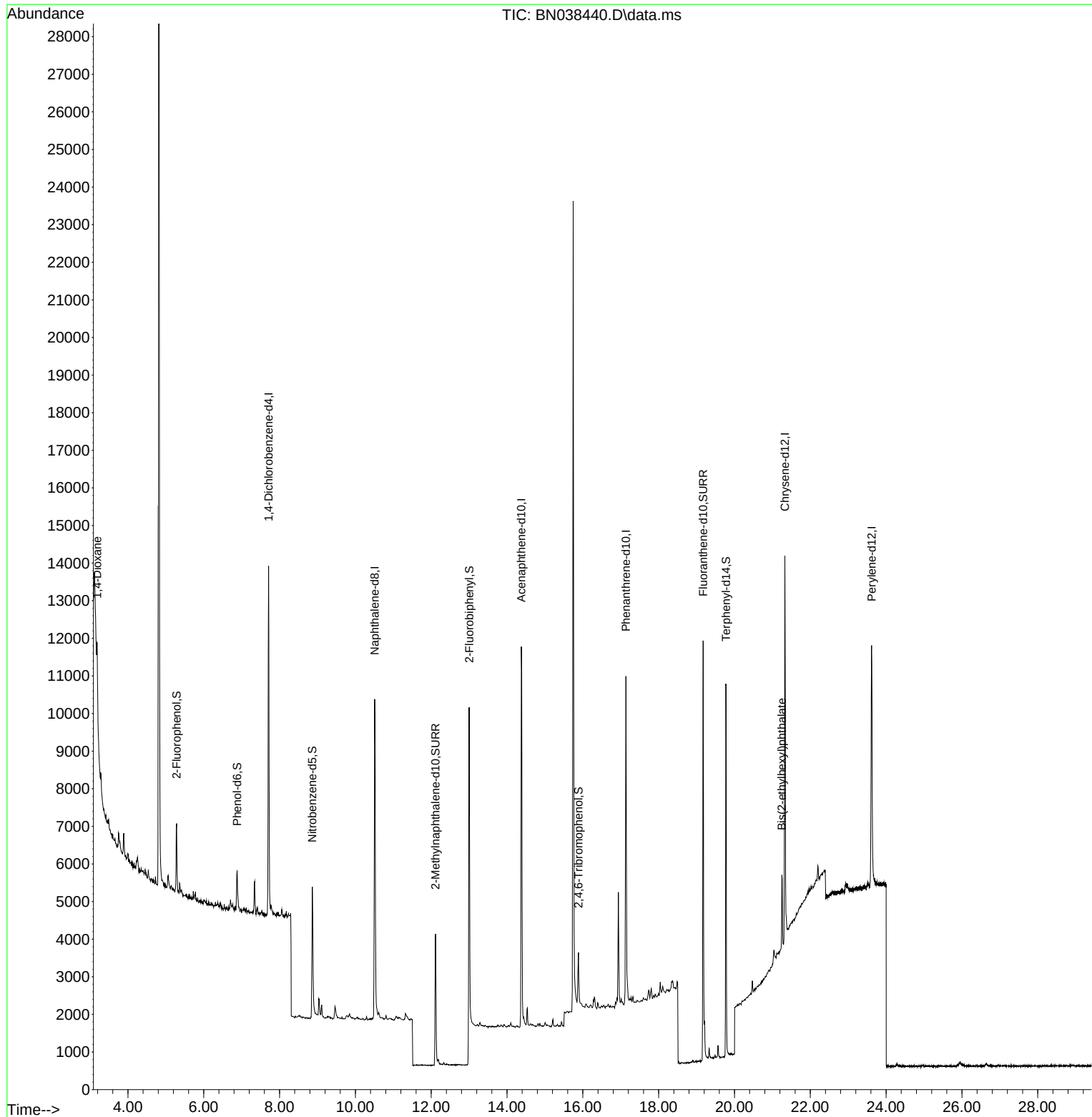
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4719	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12536	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6472	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12153	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9406	0.400	ng	0.00
35) Perylene-d12	23.616	264	9443	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1571	0.134	ng	0.00
5) Phenol-d6	6.879	99	1104	0.079	ng	0.00
8) Nitrobenzene-d5	8.865	82	3331	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5258	0.297	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	859	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12412	0.398	ng	0.00
27) Fluoranthene-d10	19.174	212	12060	0.401	ng	-0.01
31) Terphenyl-d14	19.778	244	9522	0.454	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	861	0.159	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.250	149	2103	0.105	ng	97

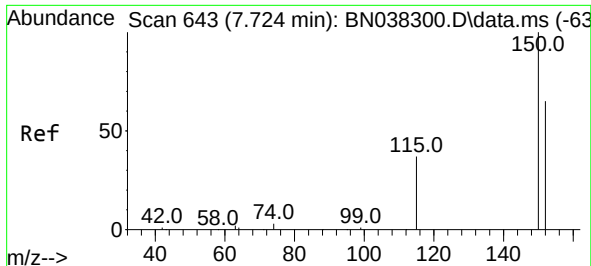
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
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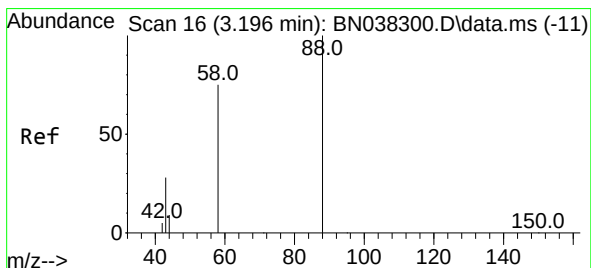
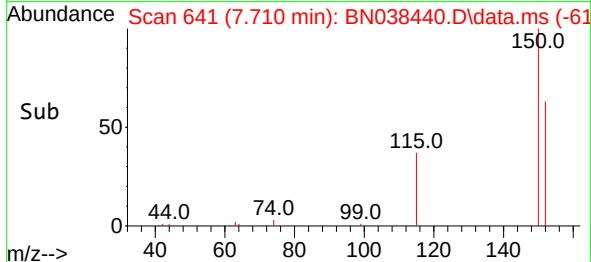
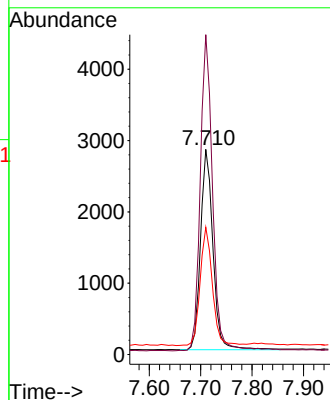
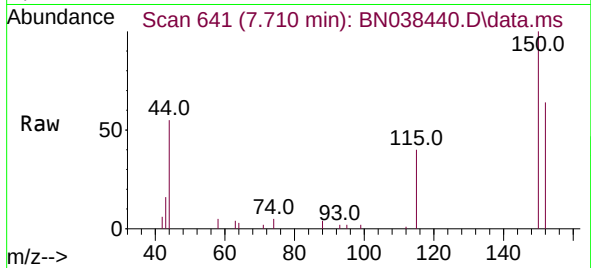




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038440.D
 Acq: 16 Dec 2025 13:50

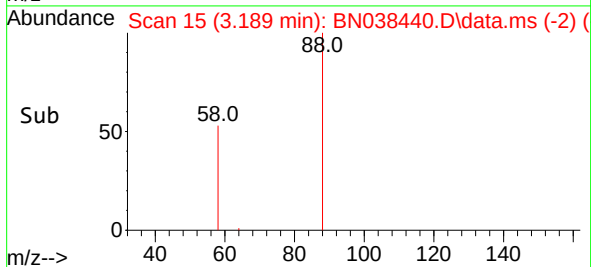
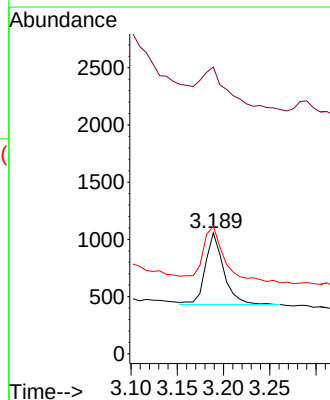
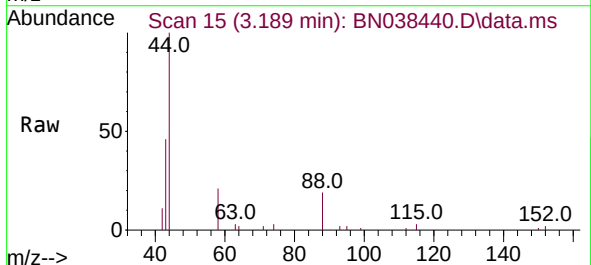
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-M2-20251210

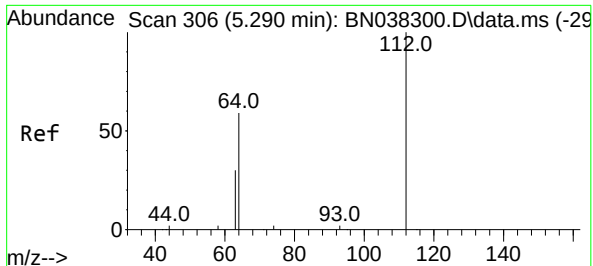
Tgt Ion:152 Resp: 4719
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.4 183.6
 115 62.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.159 ng
 RT: 3.189 min Scan# 15
 Delta R.T. -0.007 min
 Lab File: BN038440.D
 Acq: 16 Dec 2025 13:50

Tgt Ion: 88 Resp: 861
 Ion Ratio Lower Upper
 88 100
 43 85.5 24.9 37.3#
 58 97.8 61.4 92.0#

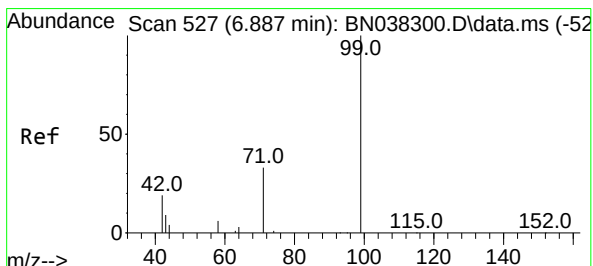
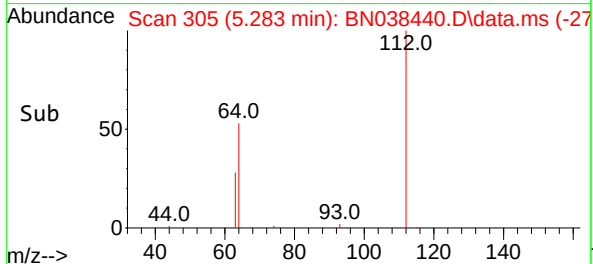
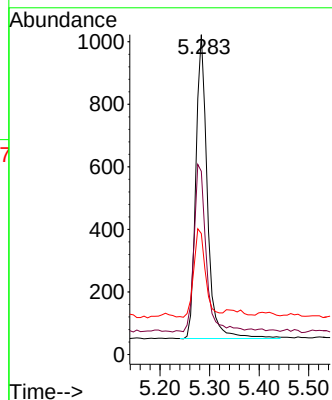
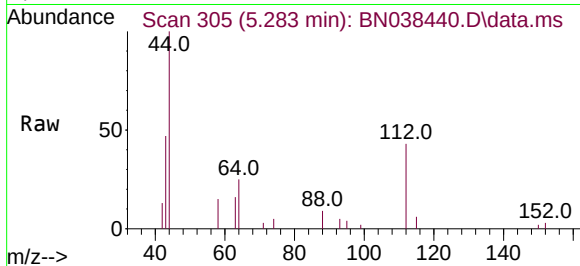




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

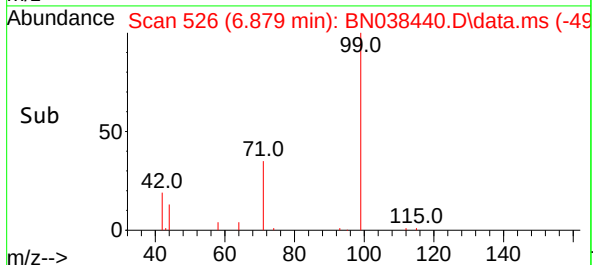
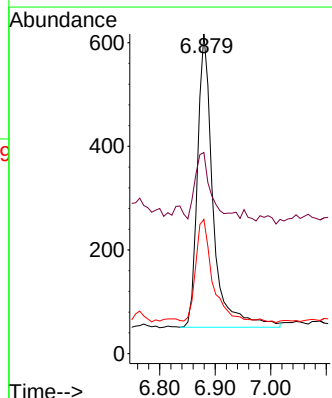
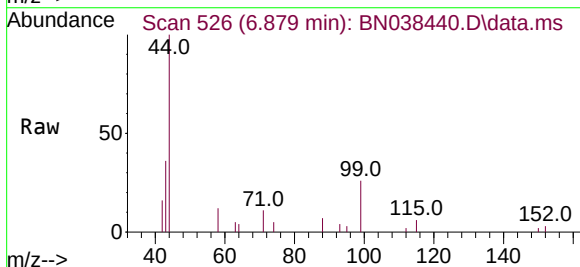
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

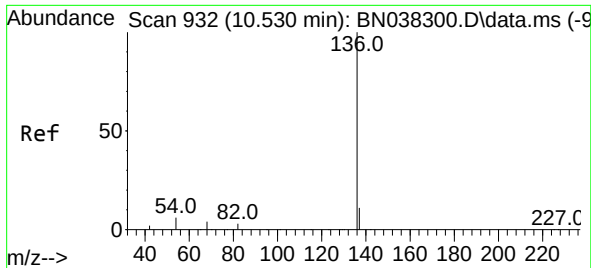
Tgt Ion:112 Resp: 1571
Ion Ratio Lower Upper
112 100
64 58.4 44.4 66.6
63 29.3 23.4 35.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion: 99 Resp: 1104
Ion Ratio Lower Upper
99 100
42 25.0 16.5 24.7#
71 36.7 24.9 37.3

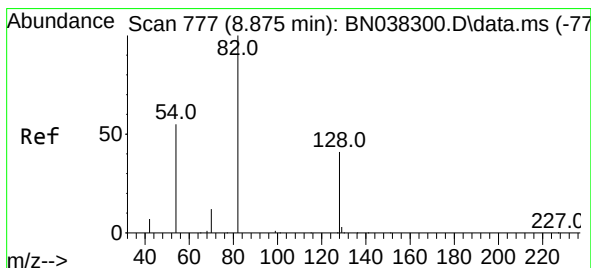
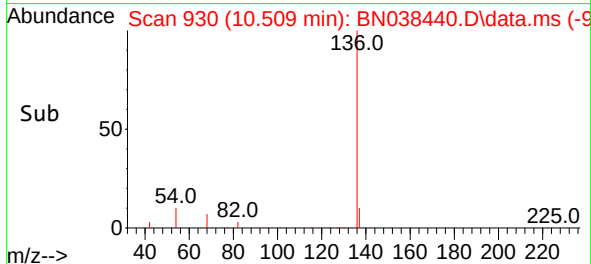
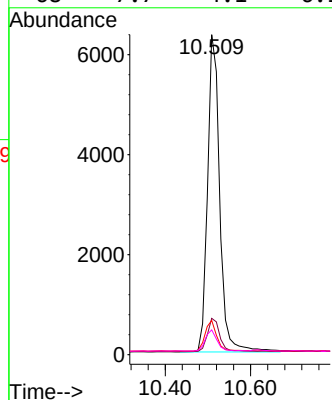
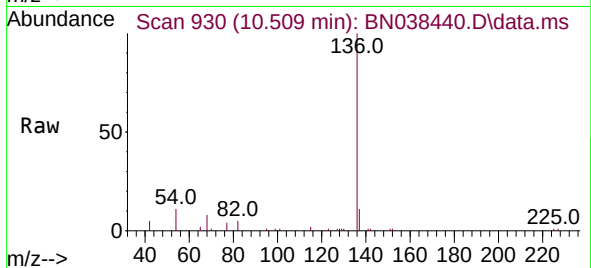




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 931
Delta R.T. -0.021 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

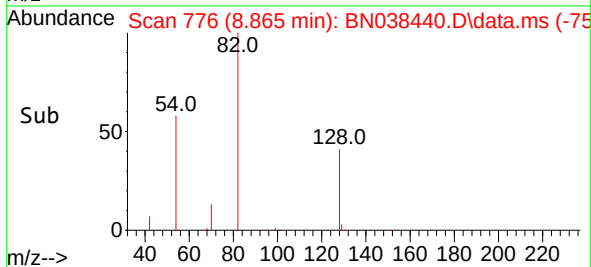
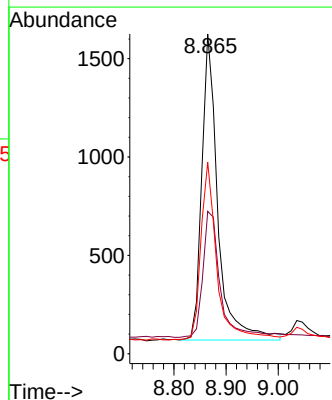
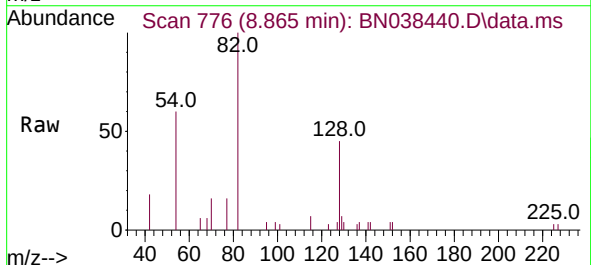
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

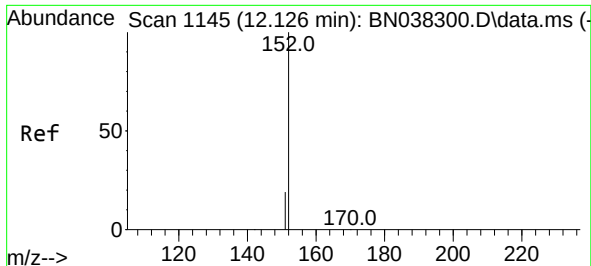
Tgt Ion:136	Resp:	12536
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.7	5.2 7.8#
68	7.7	4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion: 82	Resp:	3331
Ion Ratio	Lower	Upper
82	100	
128	44.5	34.0 51.0
54	59.9	44.4 66.6

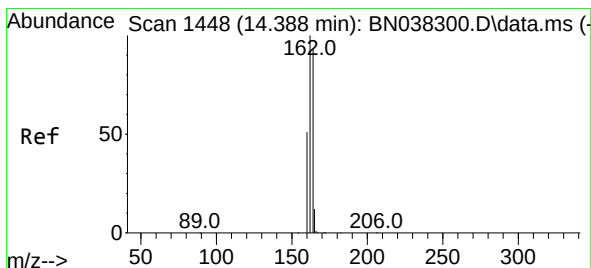
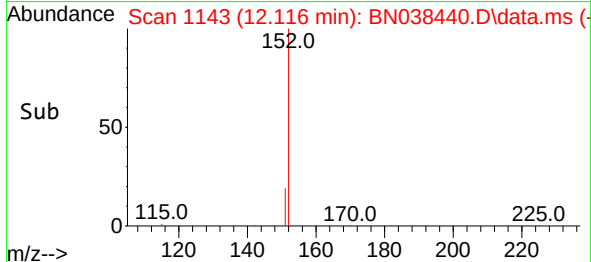
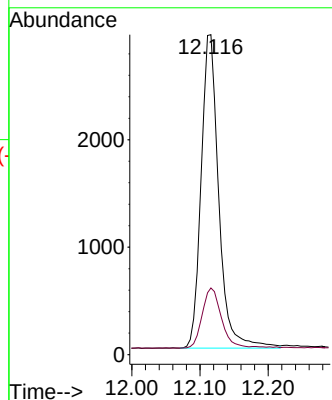
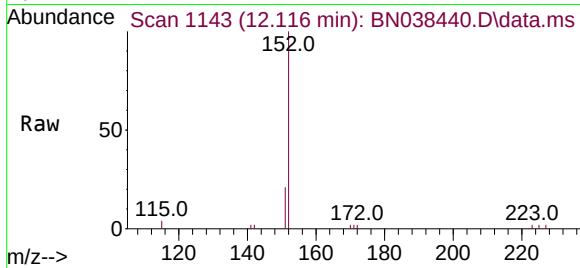




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

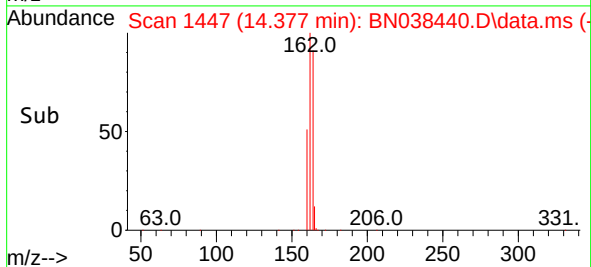
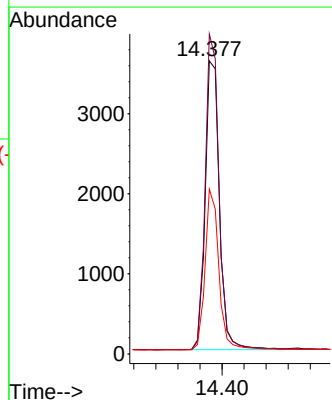
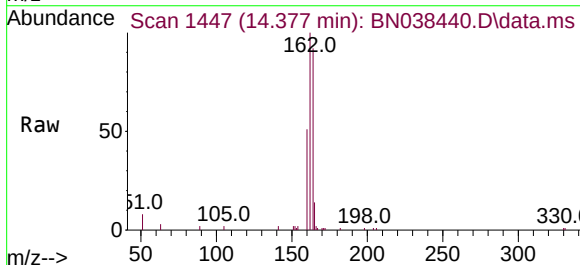
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

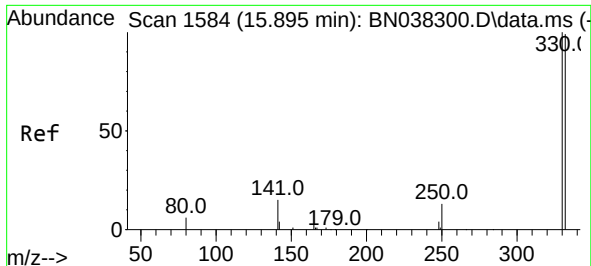
Tgt Ion:152 Resp: 5258
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:164 Resp: 6472
Ion Ratio Lower Upper
164 100
162 109.2 86.2 129.4
160 56.2 44.6 67.0

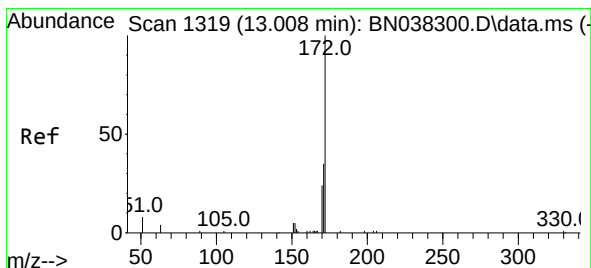
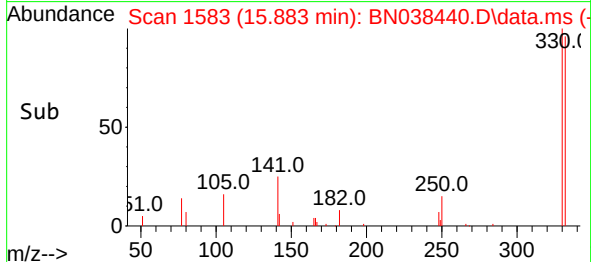
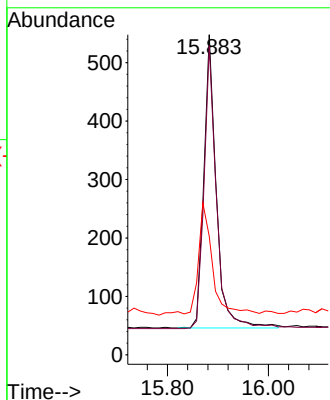
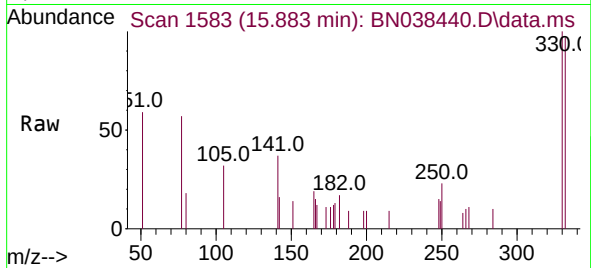




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

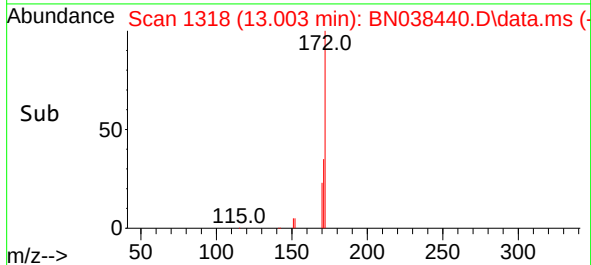
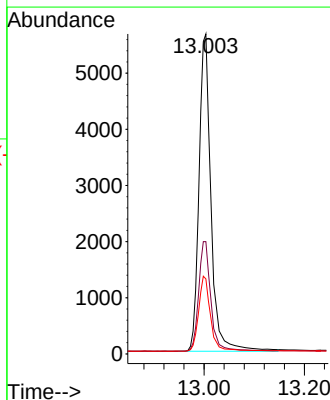
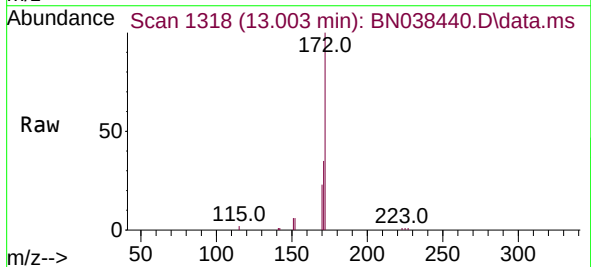
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

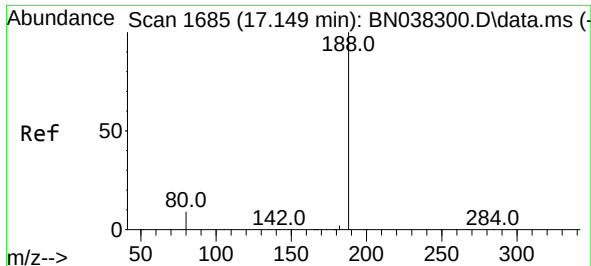
Tgt Ion	330	Ratio	100	Lower	75.8	Upper	113.6
332	96.3			31.8		47.8	
141	44.4						



#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion	172	Ratio	100	Lower	28.6	Upper	42.8
171	35.1			19.3		28.9	
170	23.4						

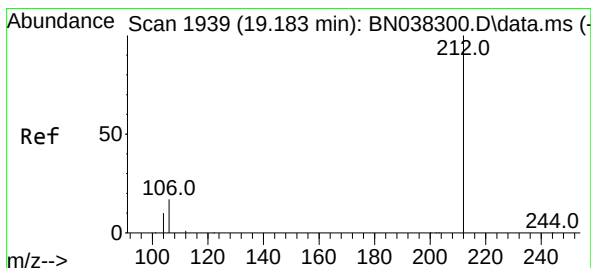
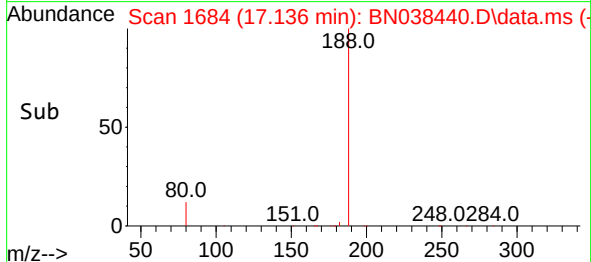
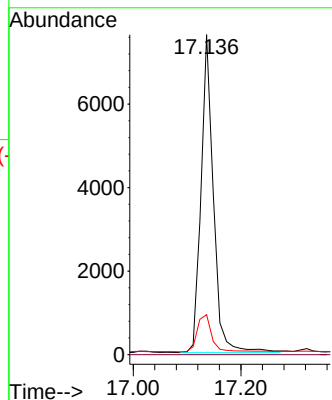
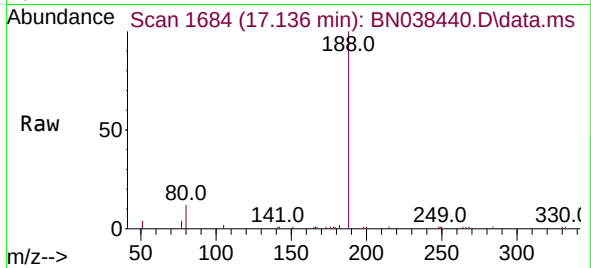




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

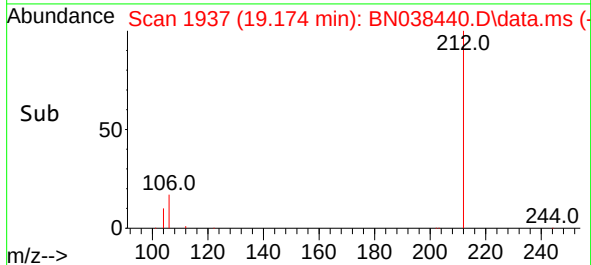
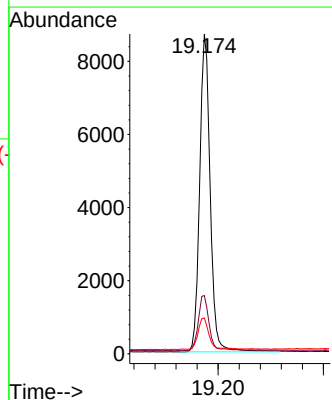
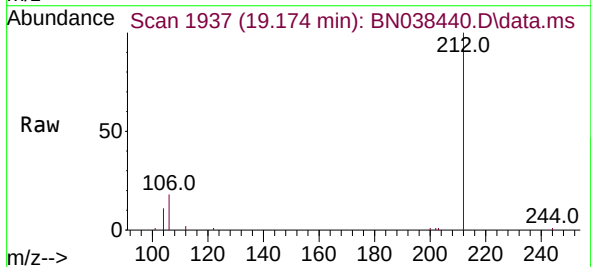
Instrument :
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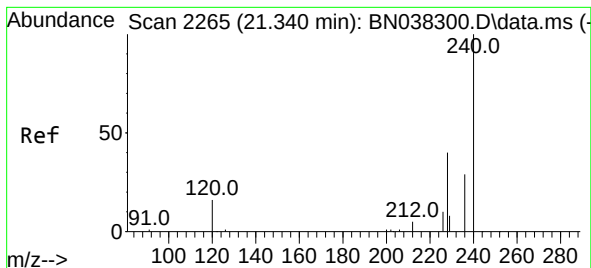
Tgt Ion:188 Resp: 12153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:212 Resp: 12060
Ion Ratio Lower Upper
212 100
106 18.0 13.7 20.5
104 9.8 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: BN038440.D

Acq: 16 Dec 2025 13:50

Instrument :

BNA_N

ClientSampleId :

DUP01-M2-20251210

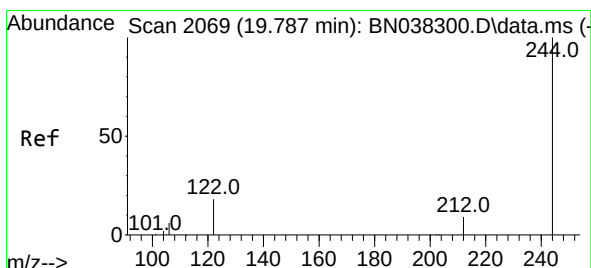
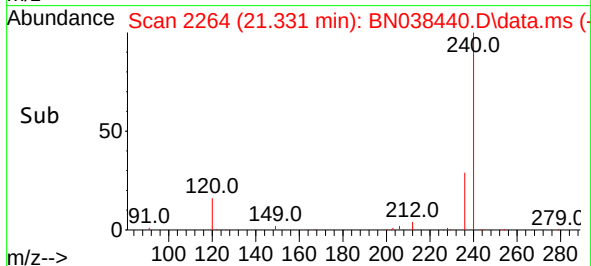
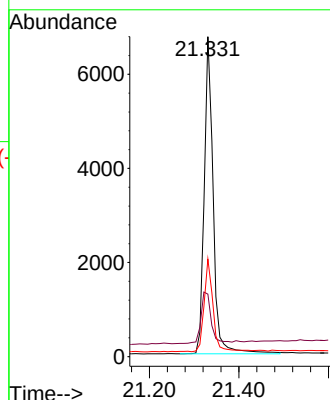
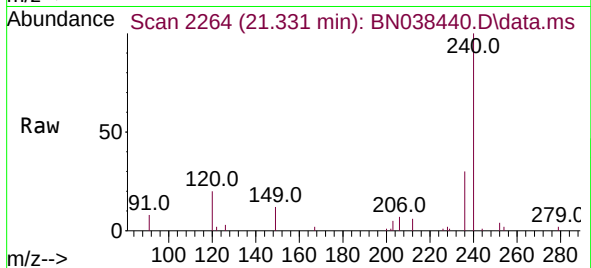
Tgt Ion:240 Resp: 9406

Ion Ratio Lower Upper

240 100

120 19.5 15.4 23.2

236 30.5 23.9 35.9



#31

Terphenyl-d14

Concen: 0.454 ng

RT: 19.778 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN038440.D

Acq: 16 Dec 2025 13:50

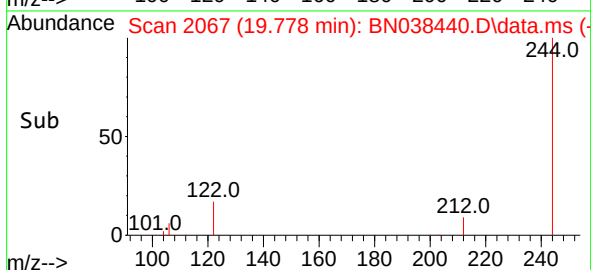
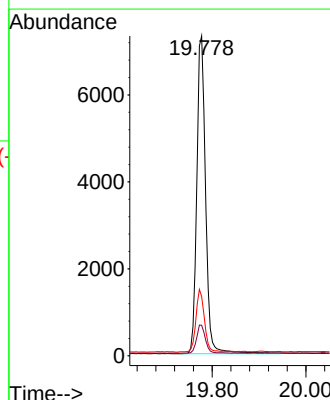
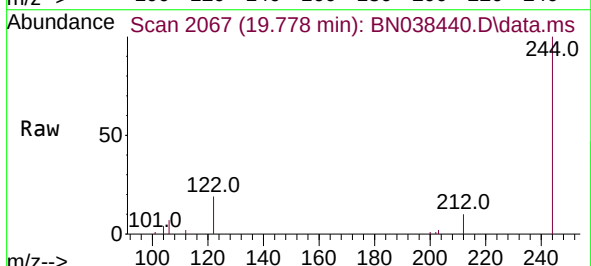
Tgt Ion:244 Resp: 9522

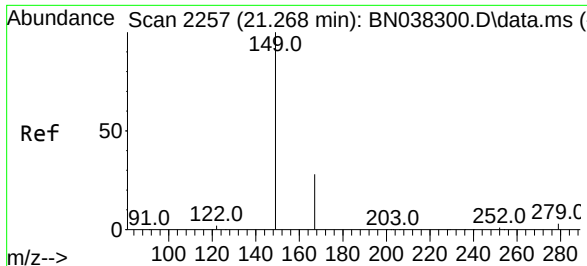
Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

122 18.6 15.0 22.6

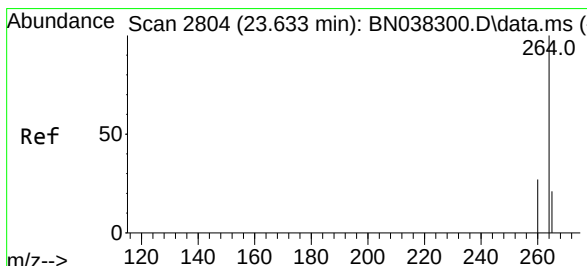
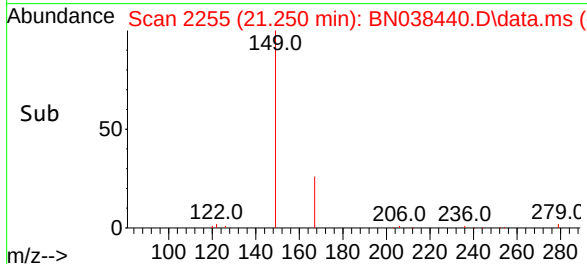
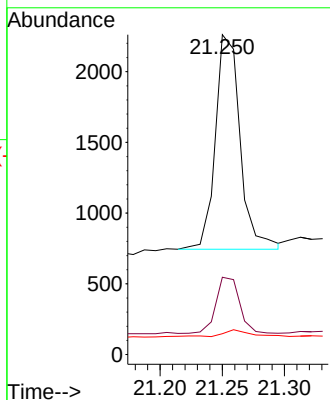
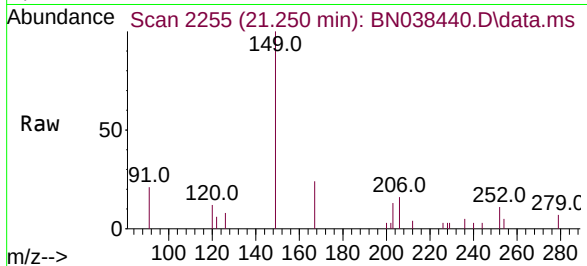




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.250 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

Tgt Ion:149 Resp: 2103
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.0
279 3.3 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2798
Delta R.T. -0.017 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:264 Resp: 9443
Ion Ratio Lower Upper
264 100
260 28.4 22.2 33.2
265 97.5 80.2 120.2

