

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037764.D
 Acq On : 18 Sep 2025 05:46
 Operator : RC/JU
 Sample : Q3095-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20250909

Quant Time: Sep 18 07:54:43 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)

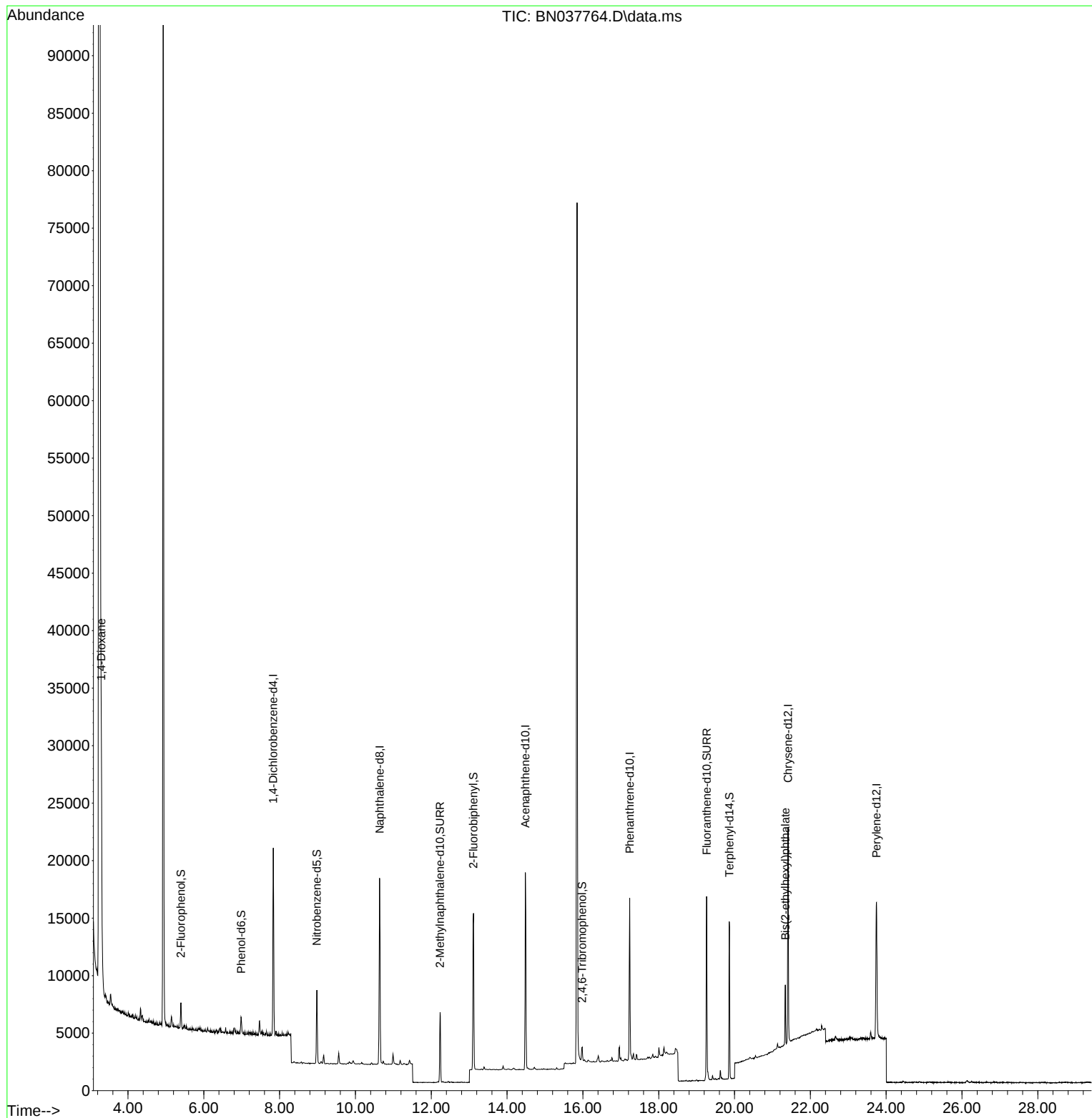
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7657	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	21168	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9850	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	18466	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	16400	0.400	ng	0.00
35) Perylene-d12	23.744	264	17053	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1748	0.099	ng	0.00
5) Phenol-d6	6.988	99	1348	0.059	ng	0.00
8) Nitrobenzene-d5	8.982	82	4861	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8118	0.289	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	816	0.318	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12714	0.309	ng	0.00
27) Fluoranthene-d10	19.266	212	17805	0.384	ng	0.00
31) Terphenyl-d14	19.861	244	12957	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	4227	0.530	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.340	149	4749	0.280	ng	# 99

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

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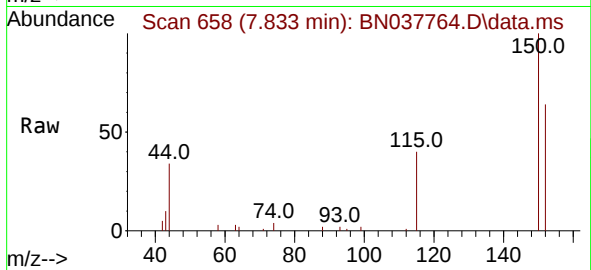
Quant Time: Sep 18 07:54:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



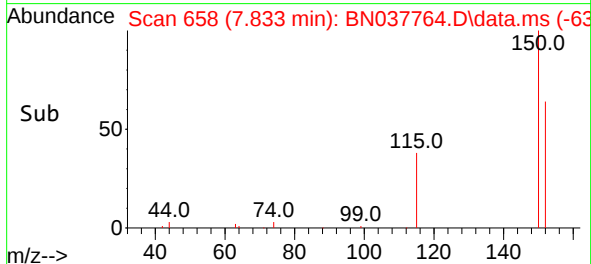
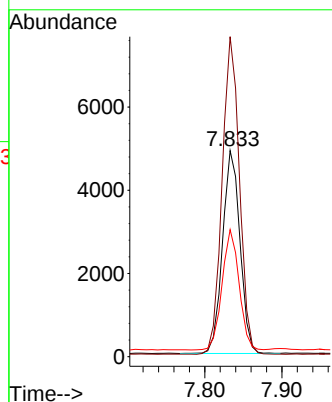


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037764.D
 Acq: 18 Sep 2025 05:46

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20250909

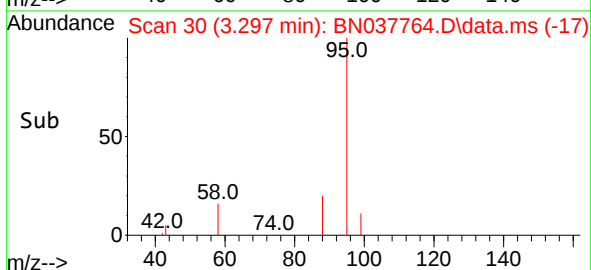
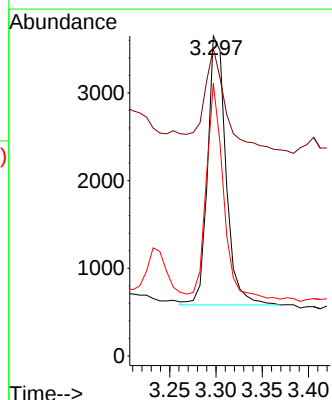
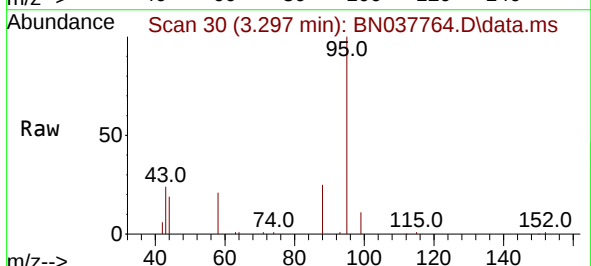


Tgt Ion:152 Resp: 7657
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 61.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.530 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037764.D
 Acq: 18 Sep 2025 05:46

Tgt Ion: 88 Resp: 4227
 Ion Ratio Lower Upper
 88 100
 43 43.3 26.8 40.2#
 58 74.8 61.9 92.9

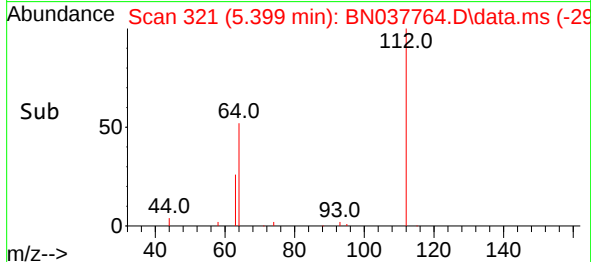
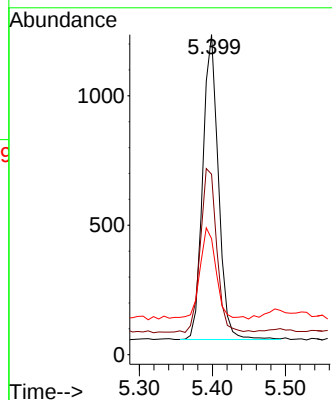
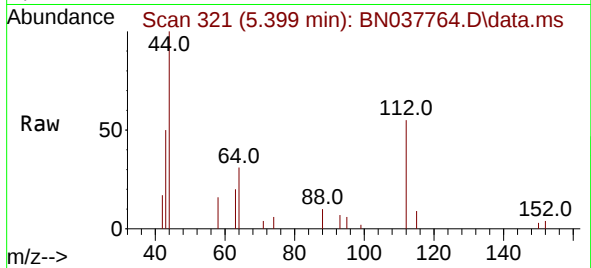




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

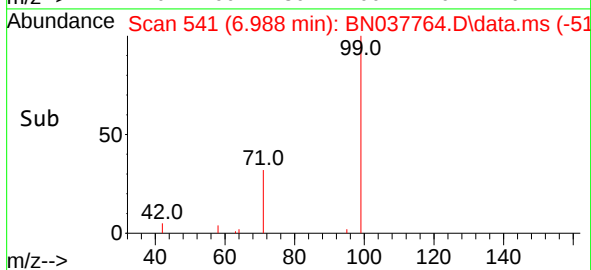
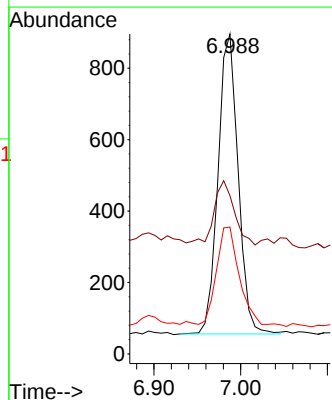
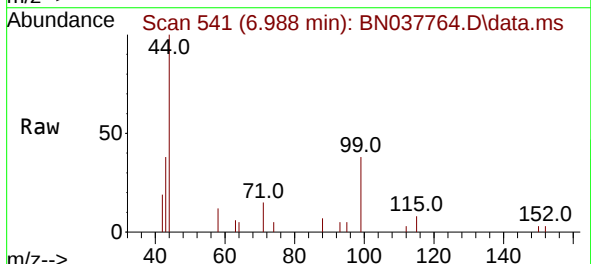
Instrument :
BNA_N
ClientSampleId :
MW305D-20250909

Tgt Ion:112 Resp: 1748
Ion Ratio Lower Upper
112 100
64 55.8 44.9 67.3
63 30.7 24.7 37.1



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

Tgt Ion: 99 Resp: 1348
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 38.6 26.7 40.1

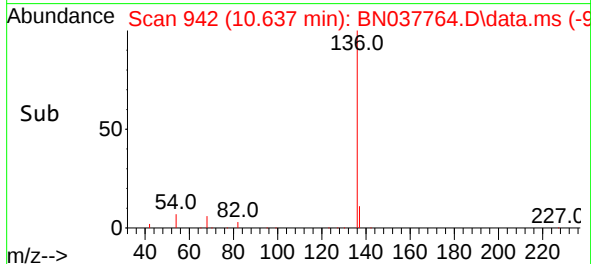
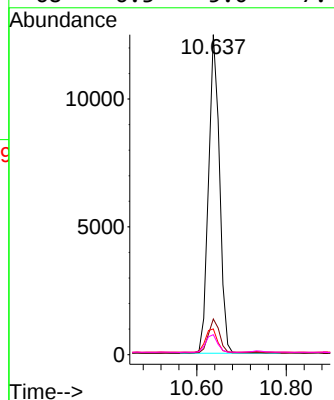
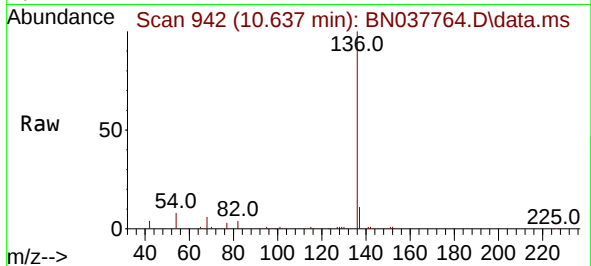




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

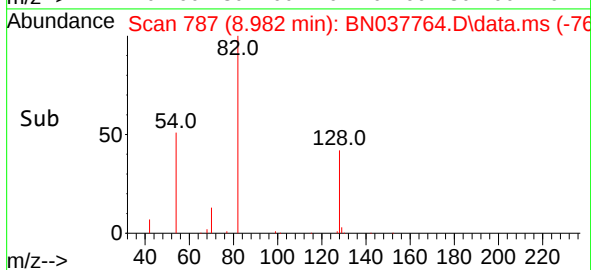
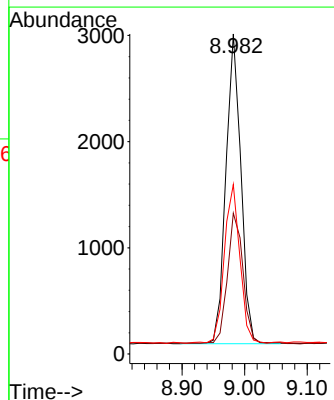
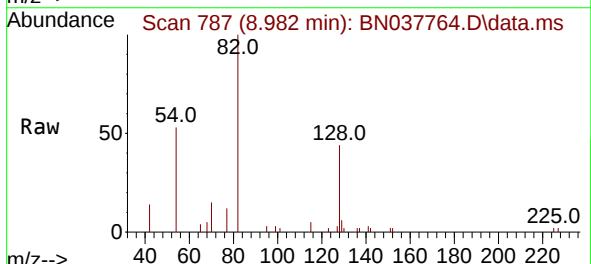
Instrument :
BNA_N
ClientSampleId :
MW305D-20250909

Tgt Ion:	136	Resp:	21168
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.0	6.3	9.5
68	6.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

Tgt Ion:	82	Resp:	4861
Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.3	57.5
54	53.0	41.4	62.2





#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 12.233 min Scan# 1166

Delta R.T. -0.010 min

Lab File: BN037764.D

Acq: 18 Sep 2025 05:46

Instrument :

BNA_N

ClientSampleId :

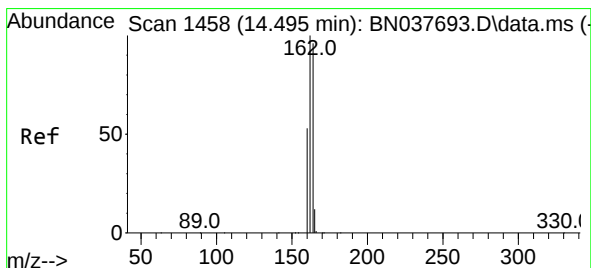
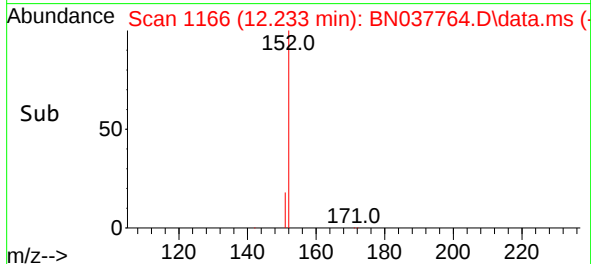
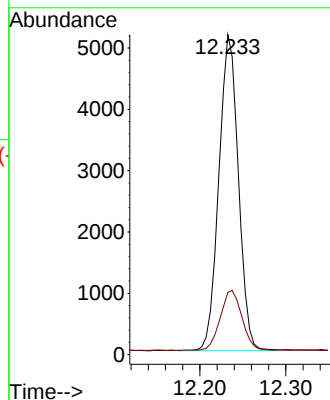
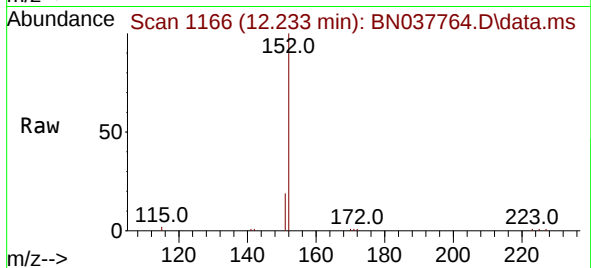
MW305D-20250909

Tgt Ion:152 Resp: 8118

Ion Ratio Lower Upper

152 100

151 21.3 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: BN037764.D

Acq: 18 Sep 2025 05:46

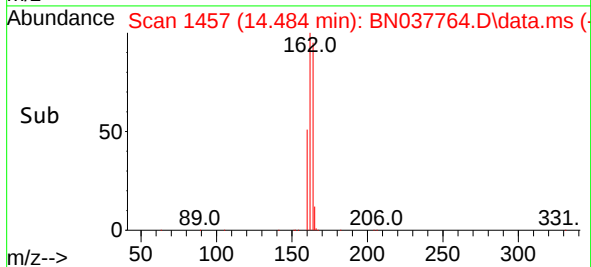
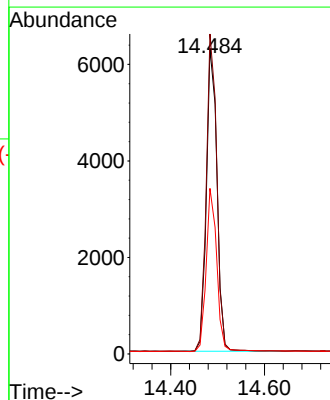
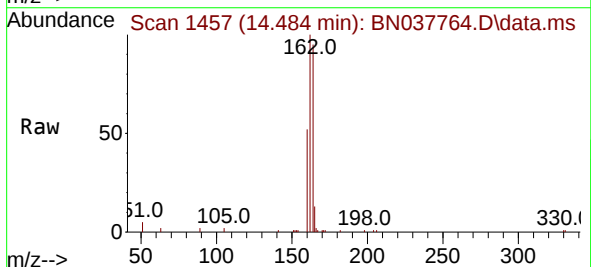
Tgt Ion:164 Resp: 9850

Ion Ratio Lower Upper

164 100

162 104.8 83.1 124.7

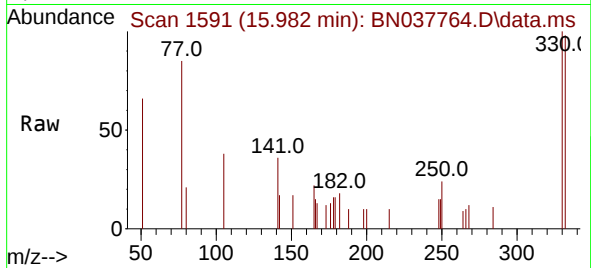
160 54.2 44.3 66.5



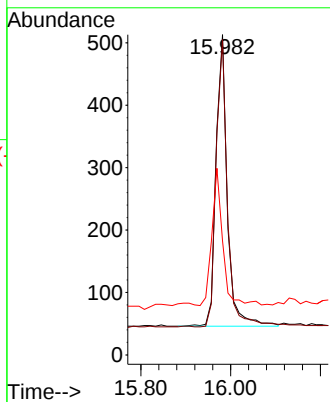
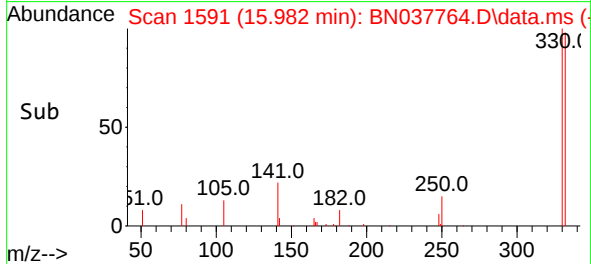


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

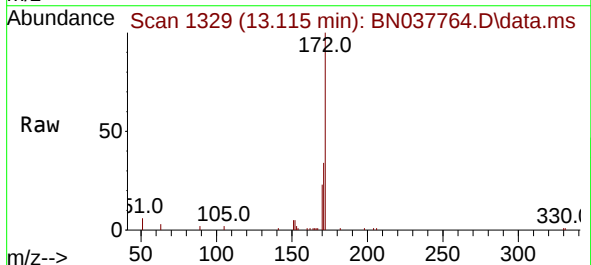
Instrument :
BNA_N
ClientSampleId :
MW305D-20250909



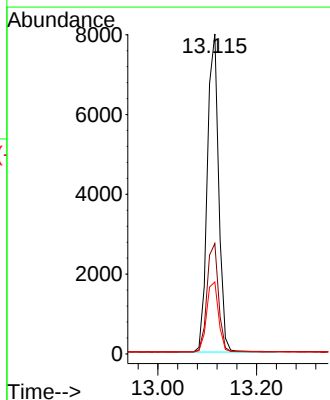
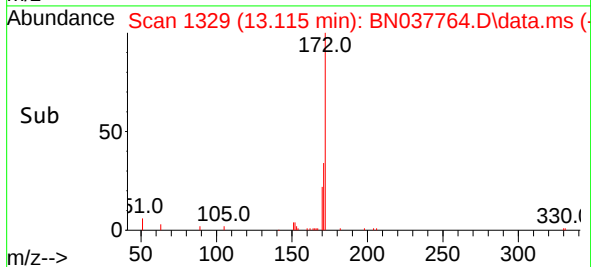
Tgt Ion: 330 Resp: 816
Ion Ratio Lower Upper
330 100
332 99.0 75.3 112.9
141 47.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46



Tgt Ion: 172 Resp: 12714
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.5 19.8 29.8

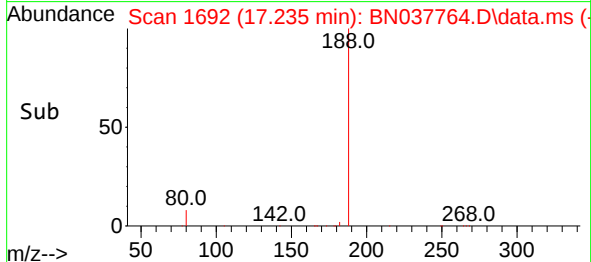
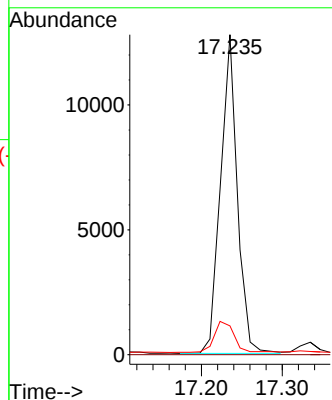
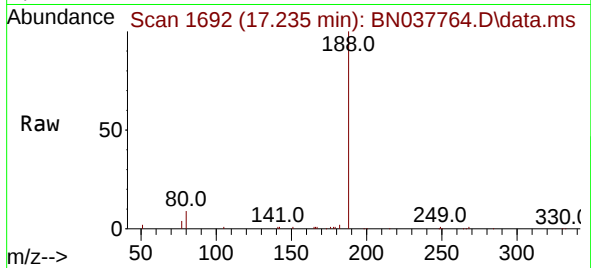




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

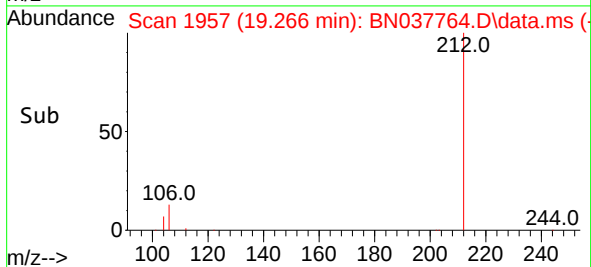
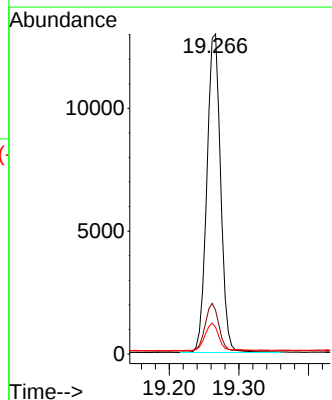
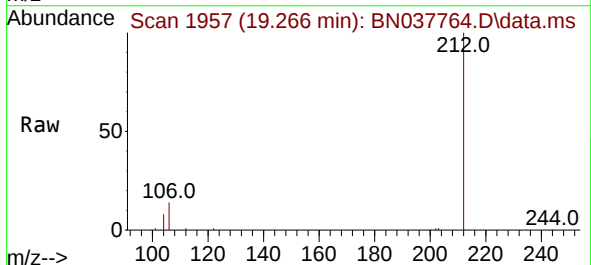
Instrument :
BNA_N
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MW305D-20250909

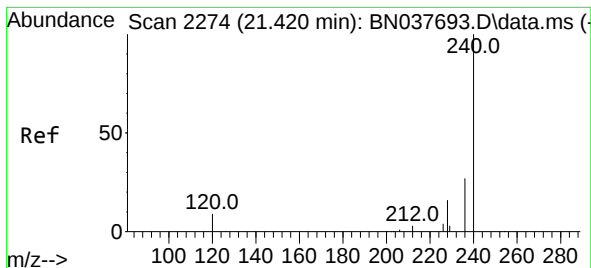
Tgt Ion:188 Resp: 18466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037764.D
Acq: 18 Sep 2025 05:46

Tgt Ion:212 Resp: 17805
Ion Ratio Lower Upper
212 100
106 14.9 12.2 18.2
104 8.4 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037764.D

Acq: 18 Sep 2025 05:46

Instrument :

BNA_N

ClientSampleId :

MW305D-20250909

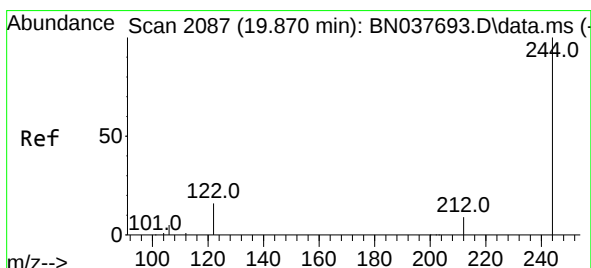
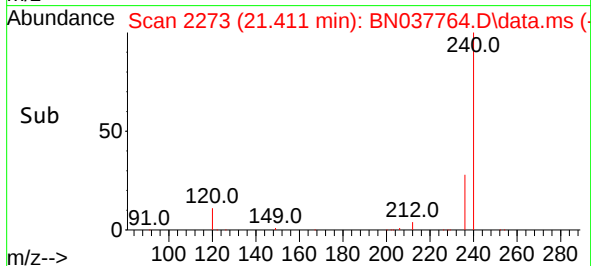
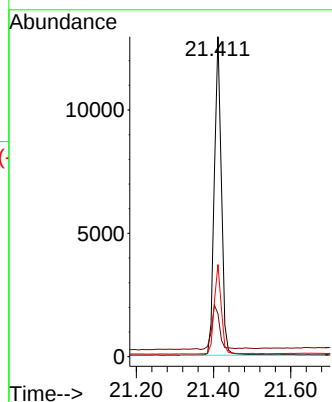
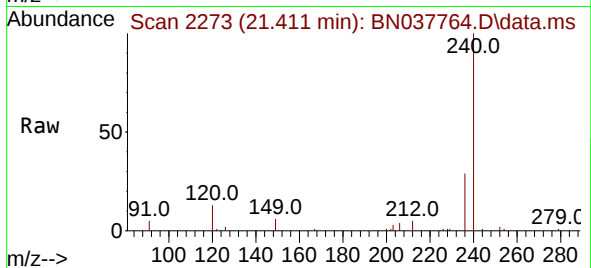
Tgt Ion:240 Resp: 16400

Ion Ratio Lower Upper

240 100

120 13.4 9.2 13.8

236 28.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037764.D

Acq: 18 Sep 2025 05:46

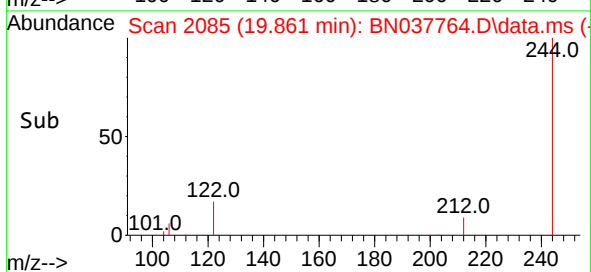
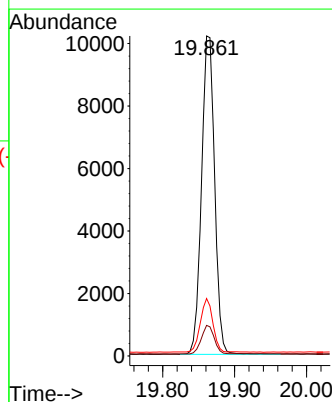
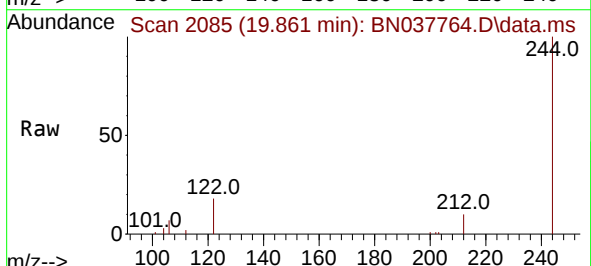
Tgt Ion:244 Resp: 12957

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

122 17.9 13.2 19.8

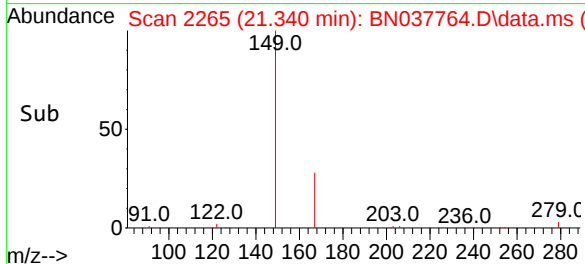
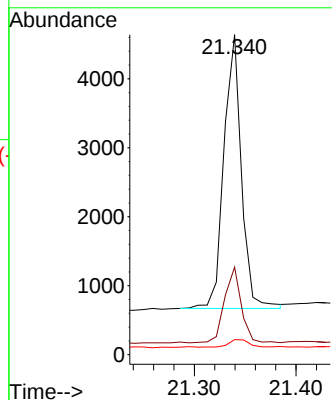
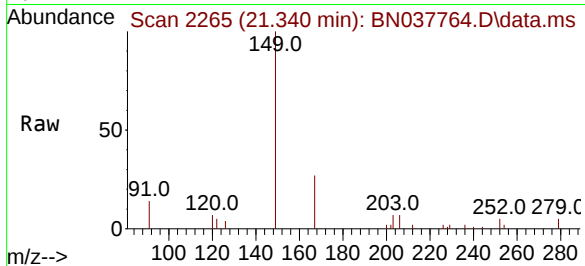




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.280 ng
 RT: 21.340 min Scan# 2134
 Delta R.T. -0.009 min
 Lab File: BN037764.D
 Acq: 18 Sep 2025 05:46

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Tgt Ion:149 Resp: 4749
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.8 31.2
 279 3.2 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037764.D
 Acq: 18 Sep 2025 05:46

Tgt Ion:264 Resp: 17053
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.8 32.8
 265 56.5 39.4 59.2

