

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037966.D
 Acq On : 01 Oct 2025 04:12
 Operator : RC/JU
 Sample : Q3193-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP11-20250923

Quant Time: Oct 01 05:25:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

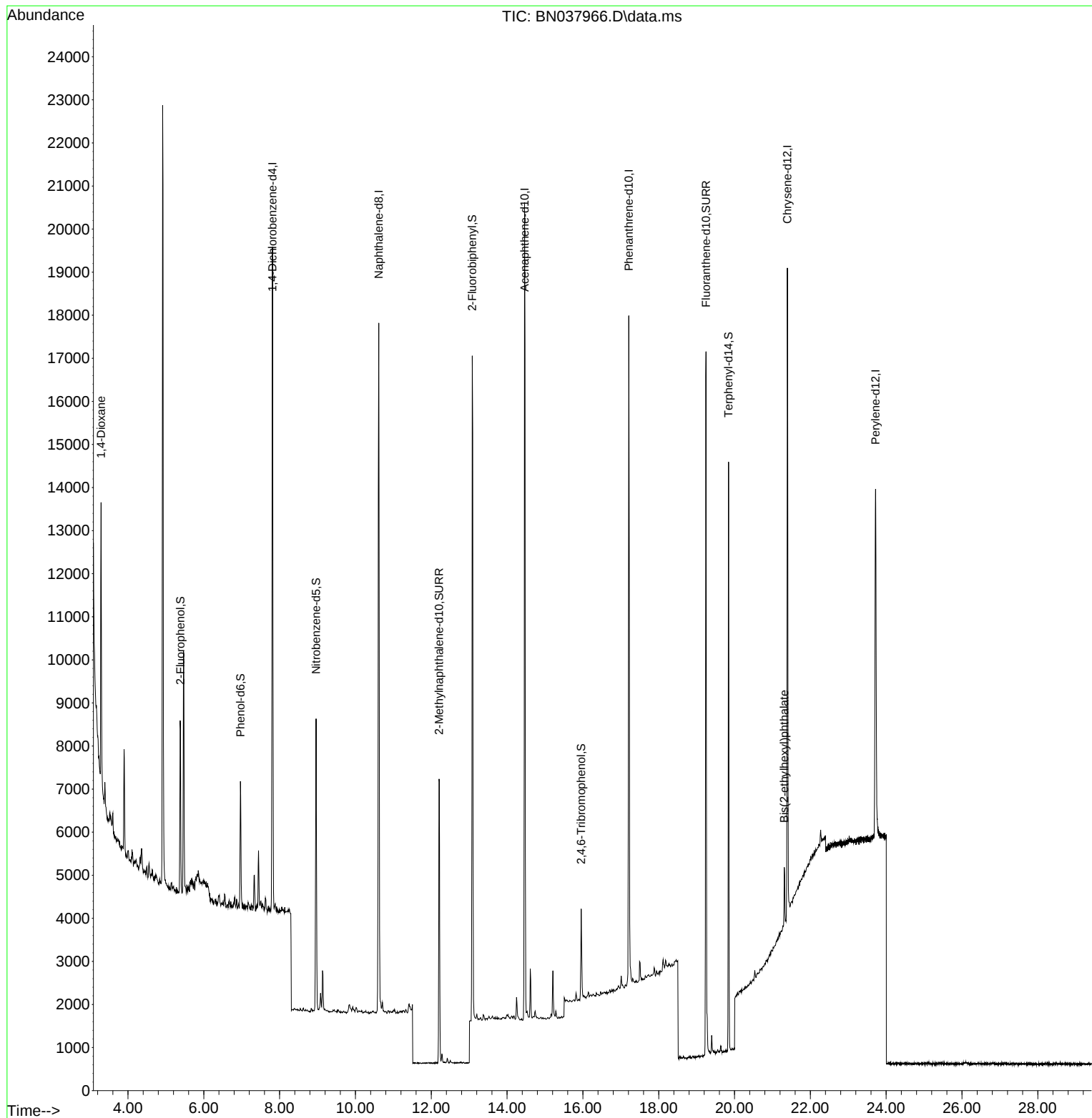
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7425	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	21029	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	10680	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	20869	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	13568	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	11917	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3176	0.187	ng	0.00
5) Phenol-d6	6.966	99	2633	0.118	ng	0.00
8) Nitrobenzene-d5	8.961	82	5105	0.318	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	8997	0.308	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1182	0.292	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14270	0.326	ng	-0.01
27) Fluoranthene-d10	19.248	212	17653	0.336	ng	0.00
31) Terphenyl-d14	19.843	244	12395	0.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3829	0.508	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.313	149	1426	0.076	ng	# 96

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

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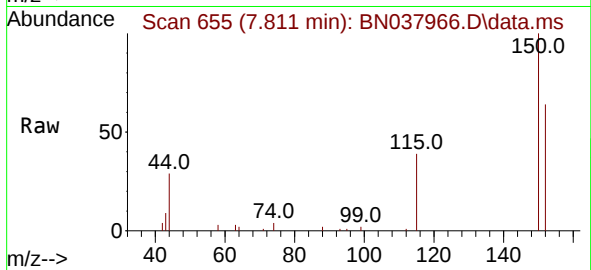
Quant Time: Oct 01 05:25:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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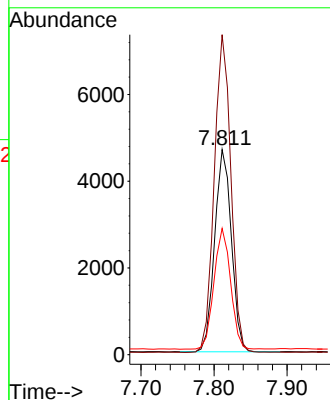
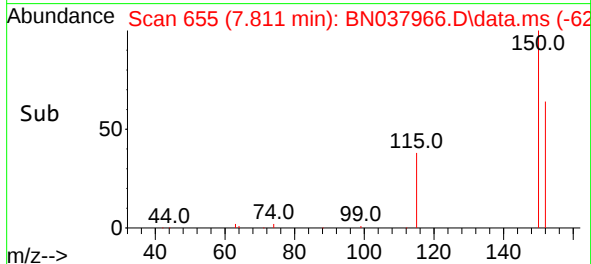


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

Instrument :
BNA_N
ClientSampleId :
DUP11-20250923

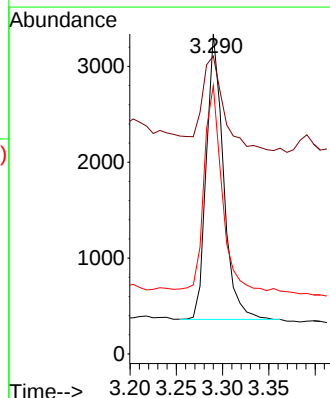
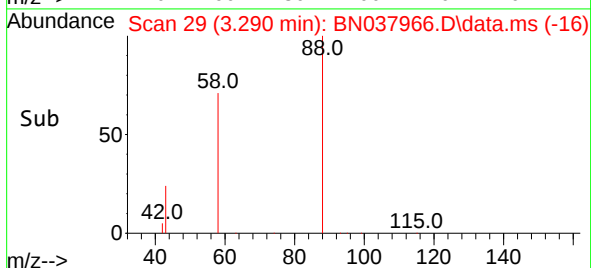
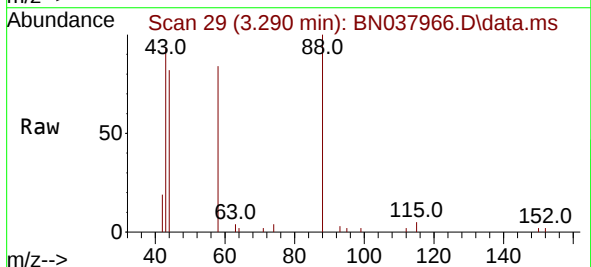


Tgt Ion:152 Resp: 7425
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.4
115 61.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.508 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

Tgt Ion: 88 Resp: 3829
Ion Ratio Lower Upper
88 100
43 42.2 26.6 39.8#
58 75.4 58.9 88.3

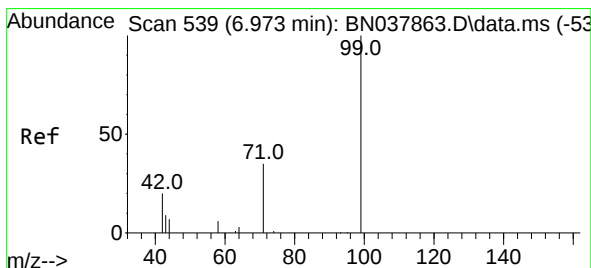
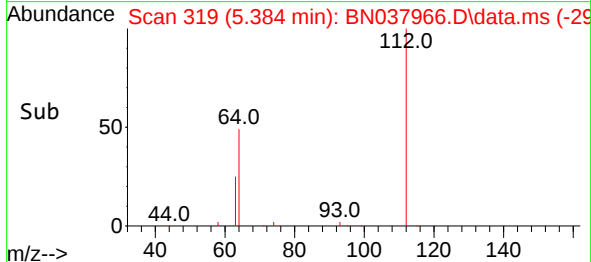
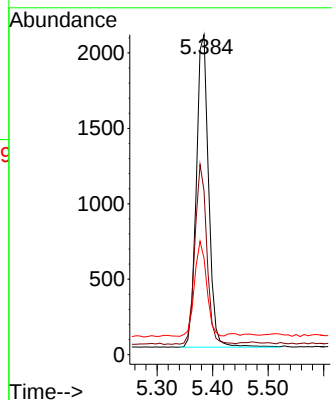
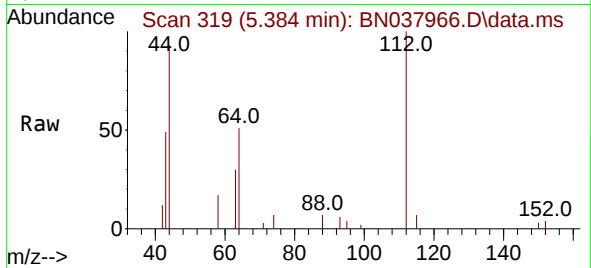




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

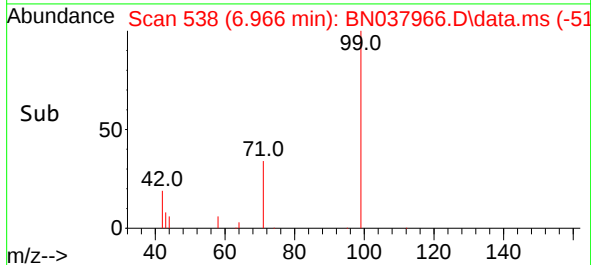
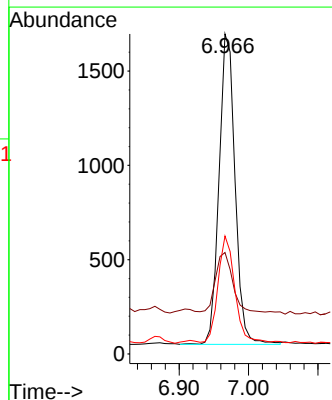
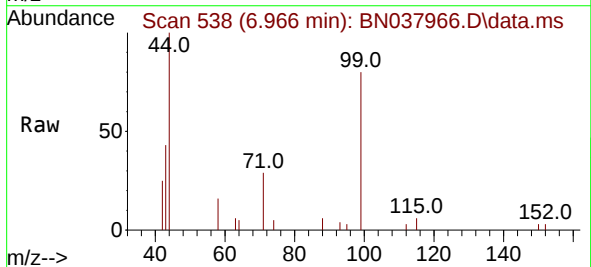
Instrument :
BNA_N
ClientSampleId :
DUP11-20250923

Tgt Ion:112 Resp: 3176
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 29.9 24.9 37.3



#5
Phenol-d6
Concen: 0.118 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

Tgt Ion: 99 Resp: 2633
Ion Ratio Lower Upper
99 100
42 20.1 17.2 25.8
71 36.0 27.3 40.9

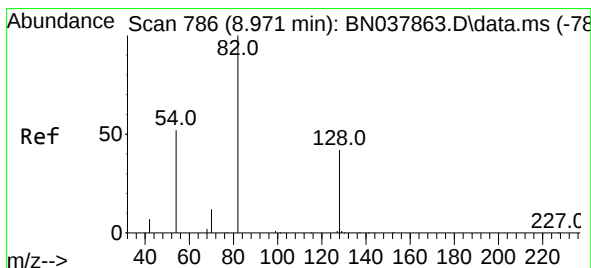
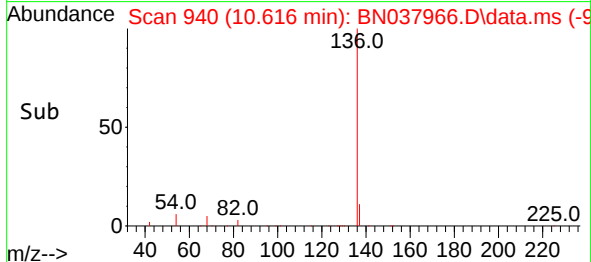
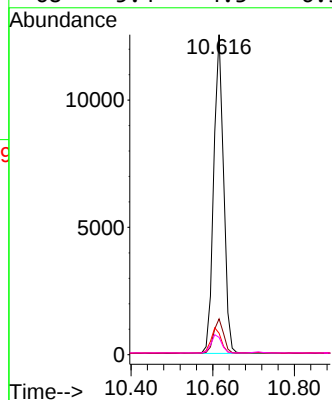
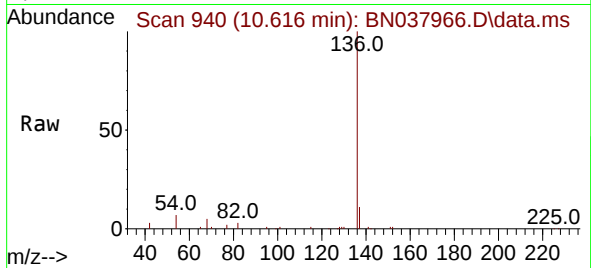




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

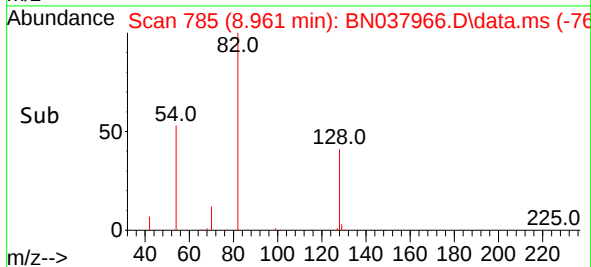
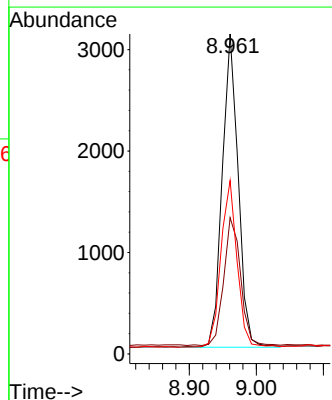
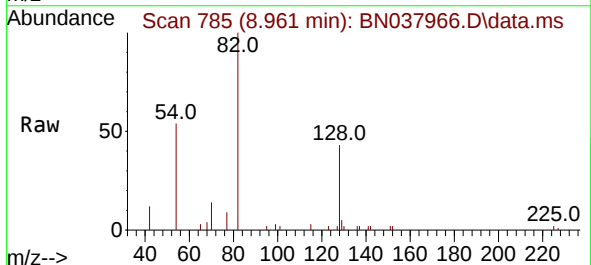
Instrument :
BNA_N
ClientSampleId :
DUP11-20250923

Tgt Ion:	136	Resp:	21029
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.7	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

Tgt Ion:	82	Resp:	5105
Ion Ratio	Lower	Upper	
82	100		
128	42.6	34.8	52.2
54	54.2	42.2	63.2

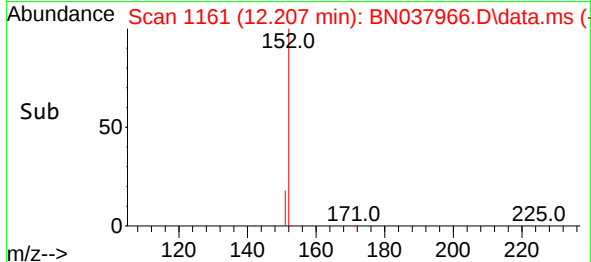
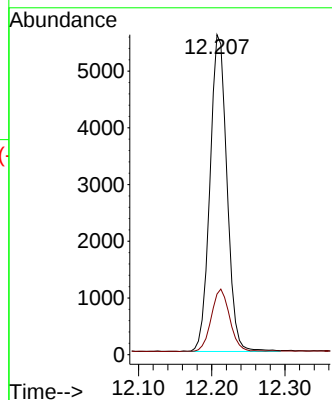
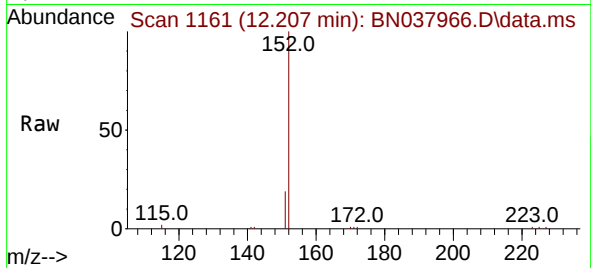




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

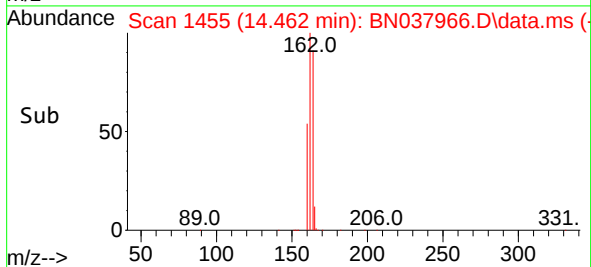
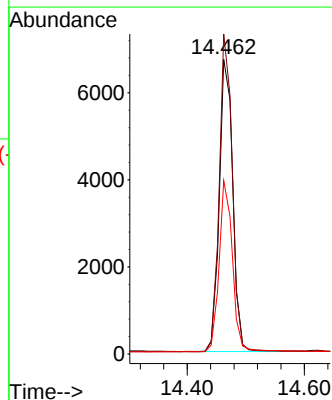
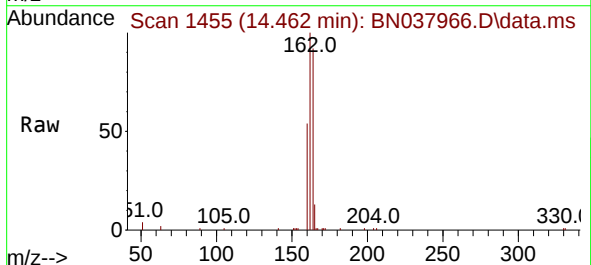
Instrument :
BNA_N
ClientSampleId :
DUP11-20250923

Tgt Ion:152 Resp: 8997
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

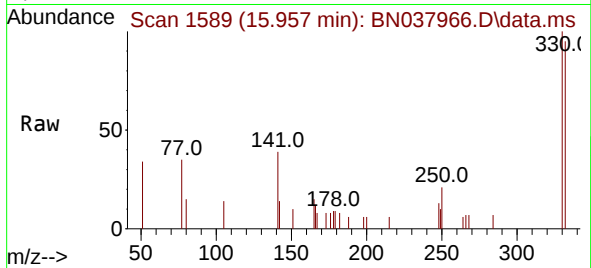
Tgt Ion:164 Resp: 10680
Ion Ratio Lower Upper
164 100
162 108.6 84.8 127.2
160 58.8 46.1 69.1



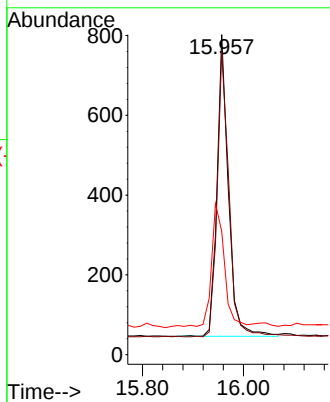
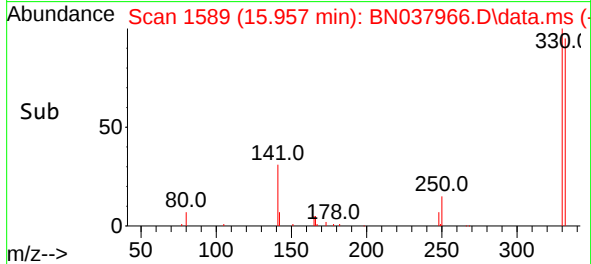


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

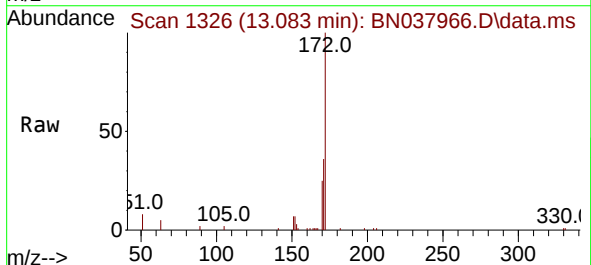
Instrument :
BNA_N
ClientSampleId :
DUP11-20250923



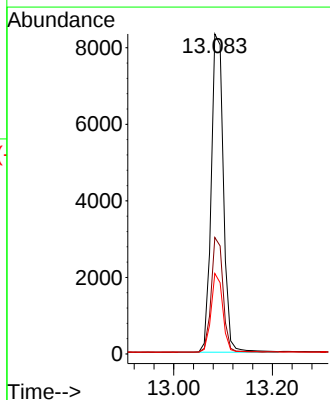
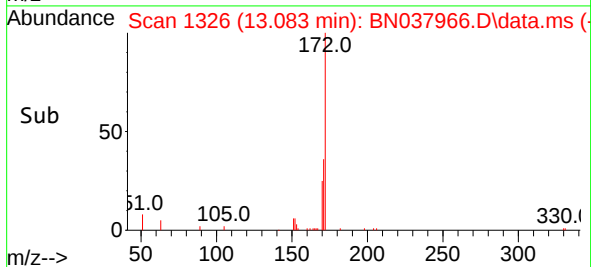
Tgt Ion:330 Resp: 1182
Ion Ratio Lower Upper
330 100
332 98.3 77.2 115.8
141 45.8 37.2 55.8

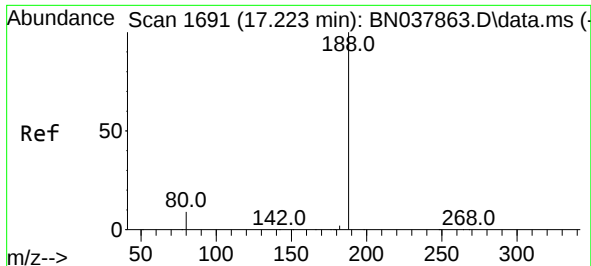


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12



Tgt Ion:172 Resp: 14270
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.1 19.7 29.5

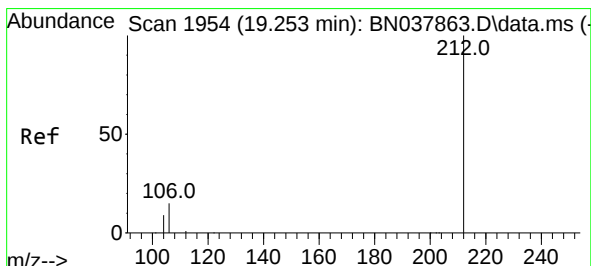
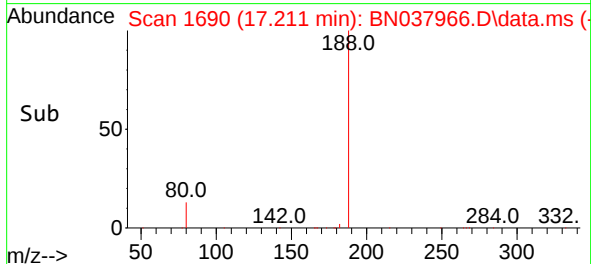
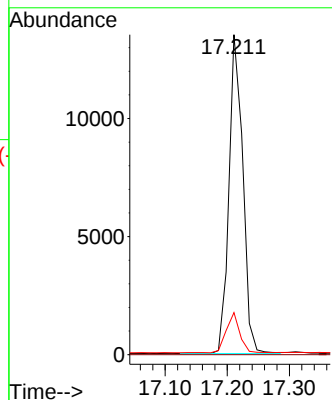
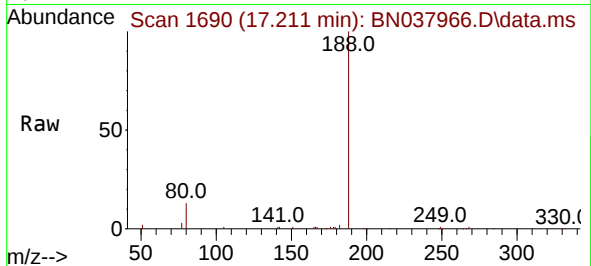




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

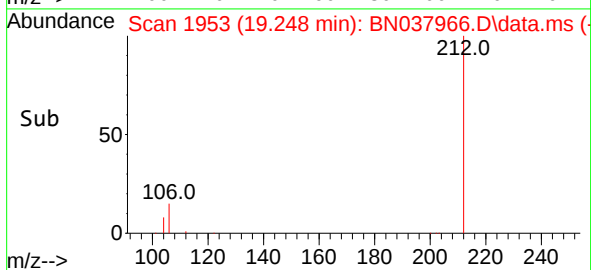
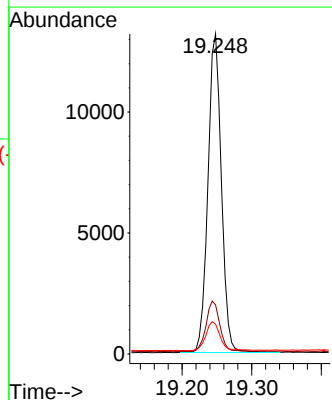
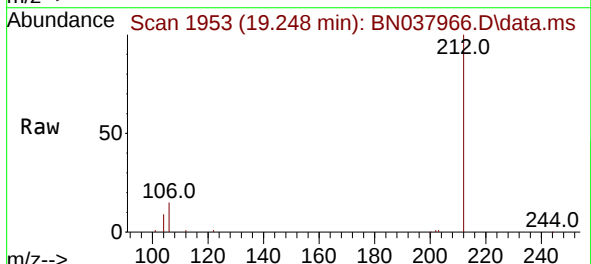
Instrument :
BNA_N
ClientSampleId :
DUP11-20250923

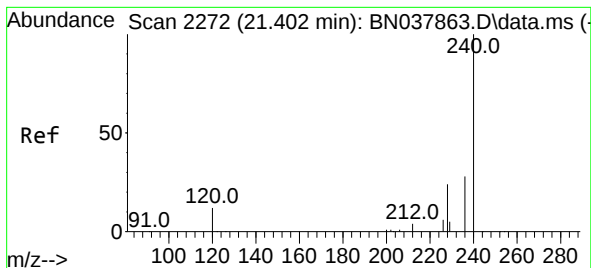
Tgt Ion:188 Resp: 20869
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037966.D
Acq: 01 Oct 2025 04:12

Tgt Ion:212 Resp: 17653
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.6 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037966.D

Acq: 01 Oct 2025 04:12

Instrument :

BNA_N

ClientSampleId :

DUP11-20250923

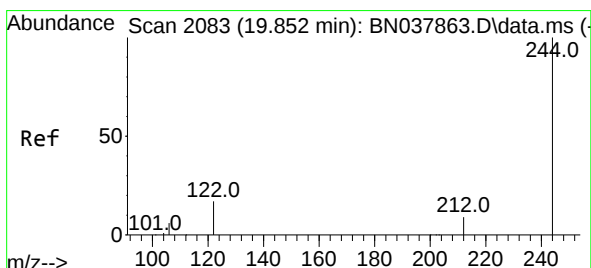
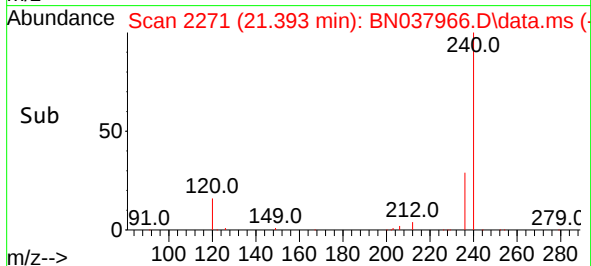
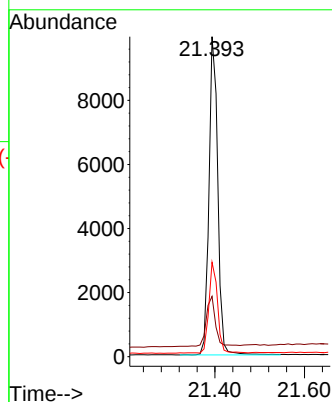
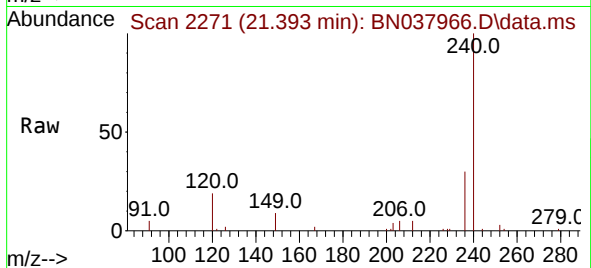
Tgt Ion:240 Resp: 13568

Ion Ratio Lower Upper

240 100

120 18.8 11.4 17.2#

236 29.5 23.0 34.6



#31

Terphenyl-d14

Concen: 0.459 ng

RT: 19.843 min Scan# 2081

Delta R.T. -0.009 min

Lab File: BN037966.D

Acq: 01 Oct 2025 04:12

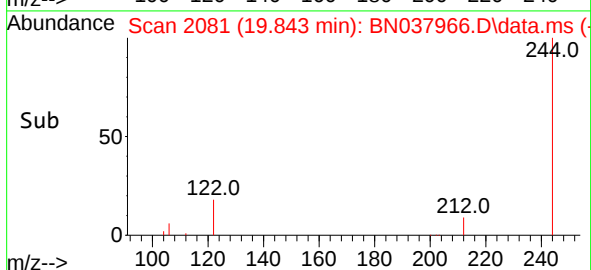
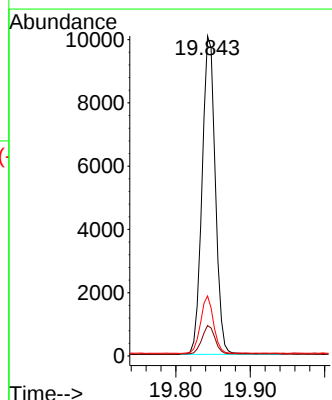
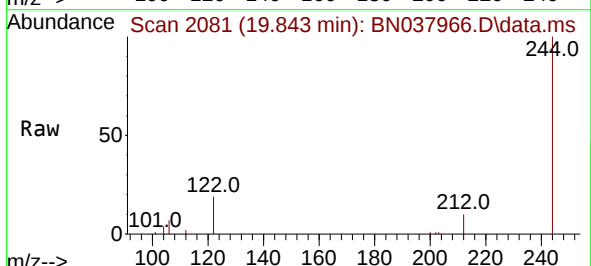
Tgt Ion:244 Resp: 12395

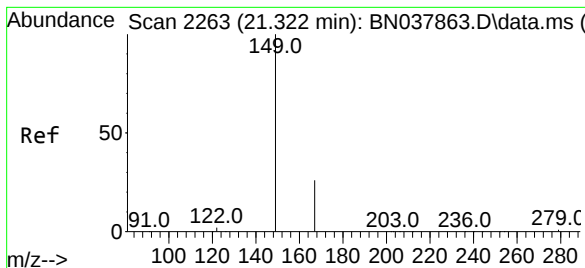
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 18.8 13.9 20.9

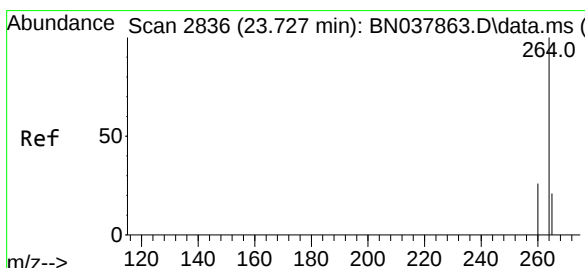
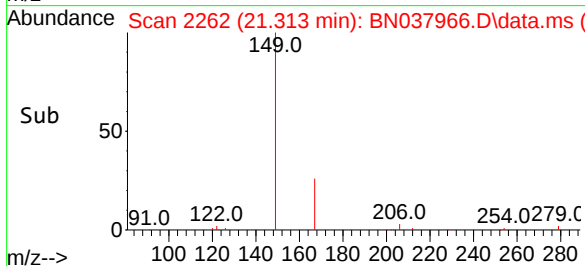
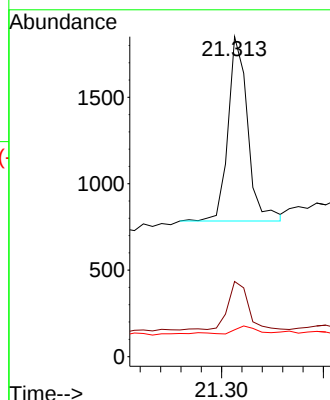
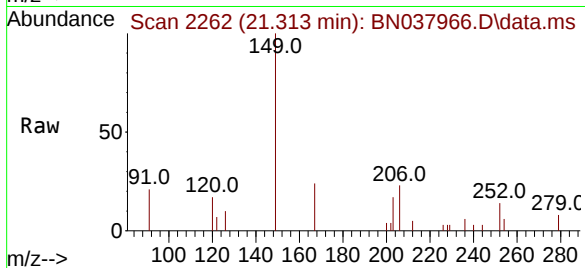




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037966.D
 Acq: 01 Oct 2025 04:12

Instrument :
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 DUP11-20250923

Tgt Ion:149 Resp: 1426
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.4 30.6
 279 4.5 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BN037966.D
 Acq: 01 Oct 2025 04:12

Tgt Ion:264 Resp: 11917
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.5 32.3
 265 89.7 53.8 80.6#

