

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037955.D
 Acq On : 30 Sep 2025 20:48
 Operator : RC/JU
 Sample : Q3193-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250923

Quant Time: Oct 01 01:23:38 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)

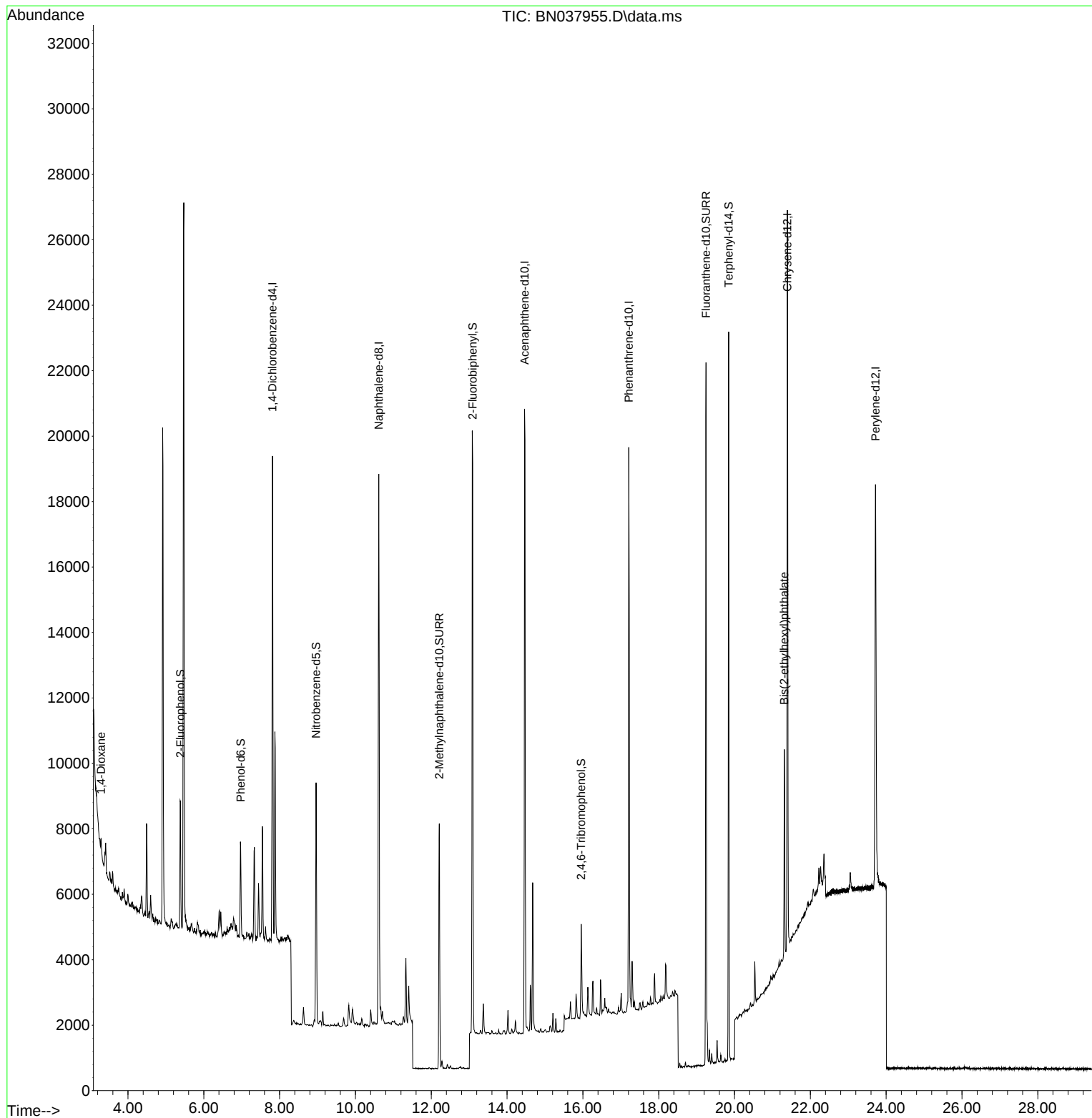
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7049	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	21513	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11227	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	23340	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	19828	0.400	ng	0.00
35) Perylene-d12	23.721	264	17731	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3219	0.200	ng	0.00
5) Phenol-d6	6.973	99	2717	0.129	ng	0.00
8) Nitrobenzene-d5	8.961	82	5839	0.356	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10196	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1603	0.377	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	16762	0.365	ng	0.00
27) Fluoranthene-d10	19.248	212	22786	0.388	ng	0.00
31) Terphenyl-d14	19.847	244	20439	0.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	236	0.033	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.313	149	6247	0.228	ng	# 99

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

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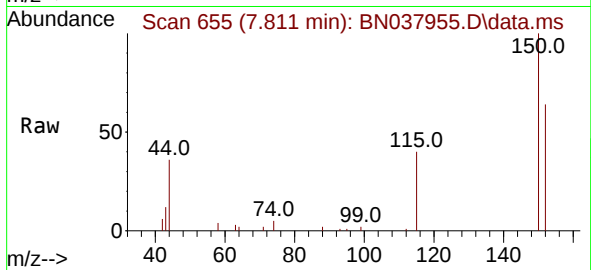
Quant Time: Oct 01 01:23:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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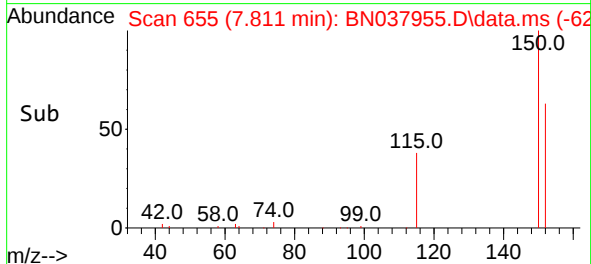
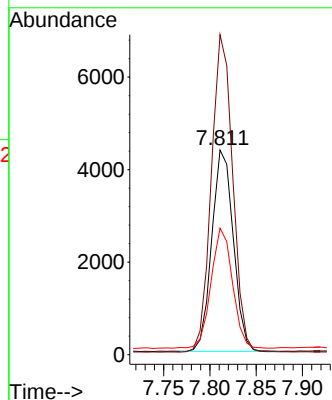
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037955.D
 Acq: 30 Sep 2025 20:48

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250923



Tgt Ion:152 Resp: 7049

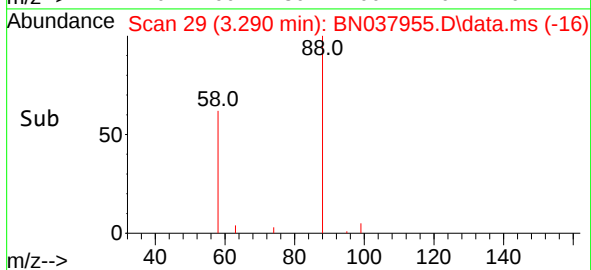
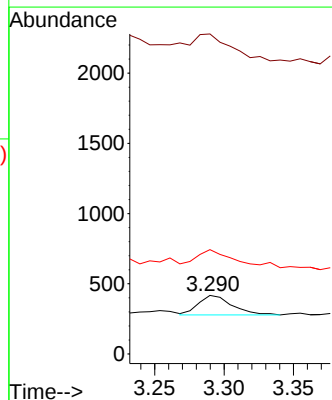
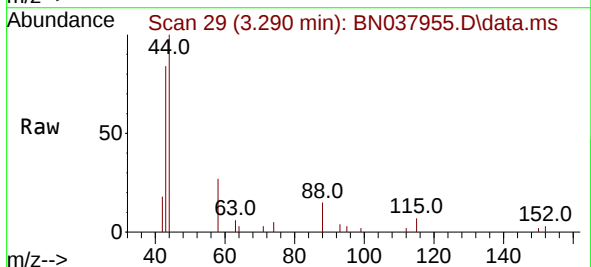
Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.0	181.4
115	61.8	47.4	71.0



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037955.D
 Acq: 30 Sep 2025 20:48

Tgt Ion: 88 Resp: 236

Ion	Ratio	Lower	Upper
88	100		
43	140.7	26.6	39.8#
58	100.0	58.9	88.3#

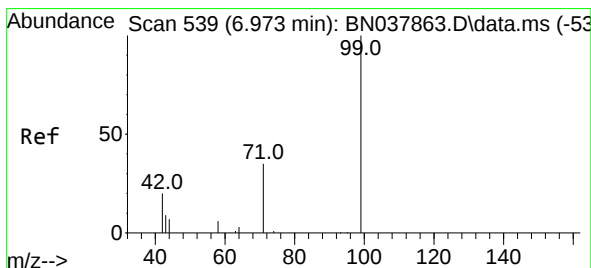
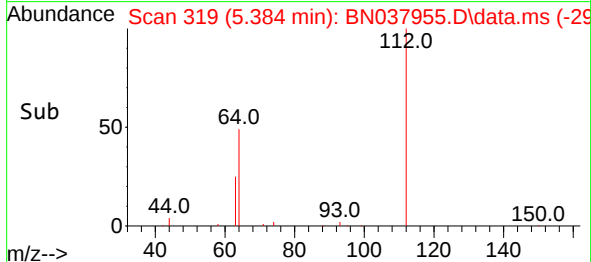
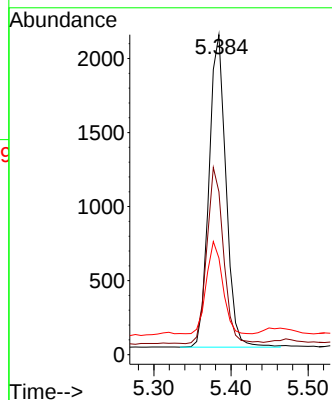
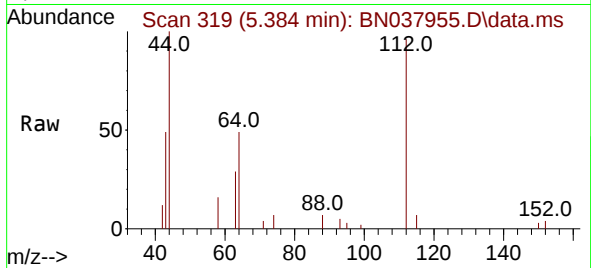




#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

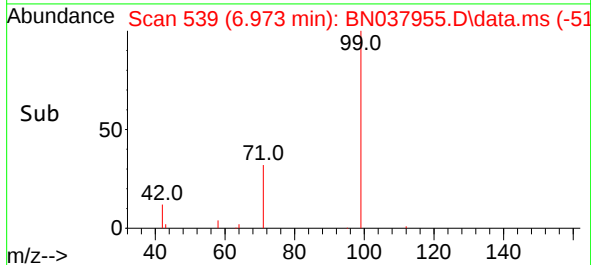
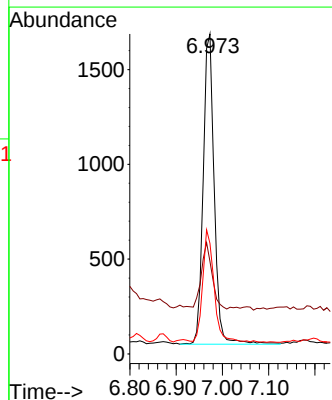
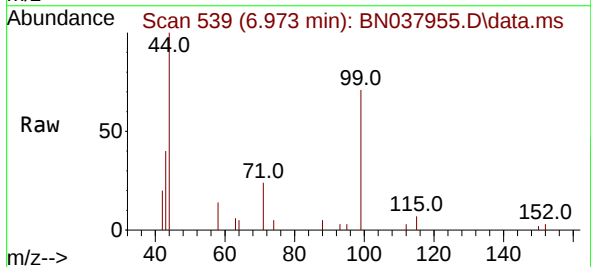
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250923

Tgt Ion: 112 Resp: 3219
Ion Ratio Lower Upper
112 100
64 55.3 44.6 66.8
63 29.2 24.9 37.3



#5
Phenol-d6
Concen: 0.129 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

Tgt Ion: 99 Resp: 2717
Ion Ratio Lower Upper
99 100
42 20.6 17.2 25.8
71 35.9 27.3 40.9

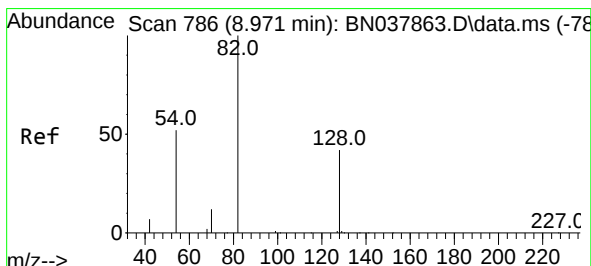
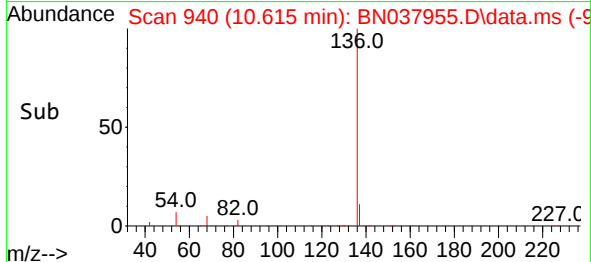
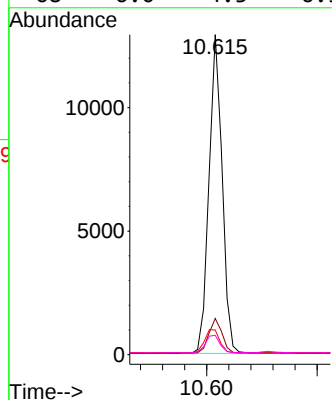
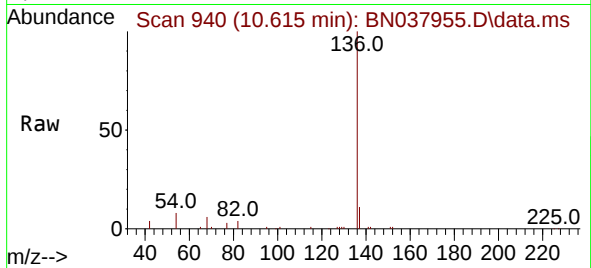




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

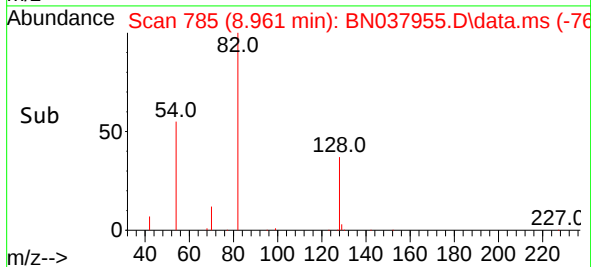
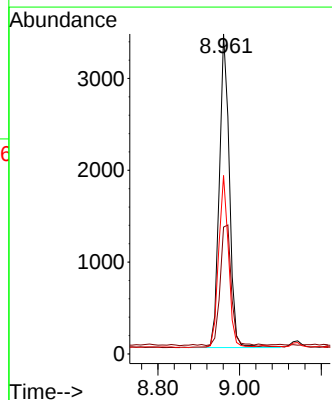
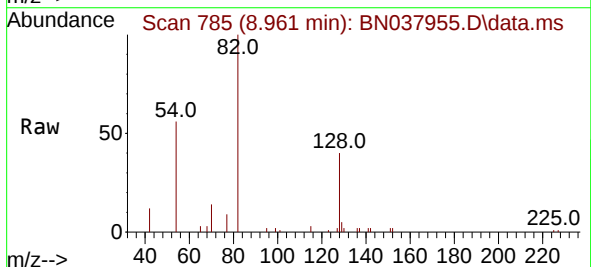
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250923

Tgt Ion:	136	Resp:	21513
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.7	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

Tgt Ion:	82	Resp:	5839
Ion Ratio	Lower	Upper	
82	100		
128	39.6	34.8	52.2
54	55.7	42.2	63.2

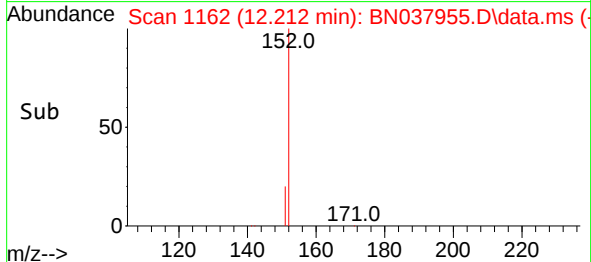
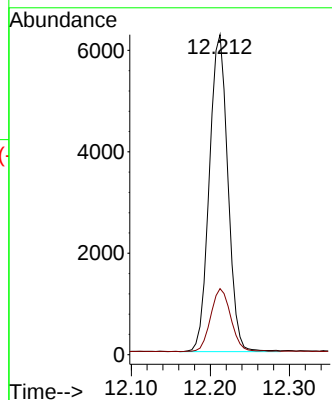
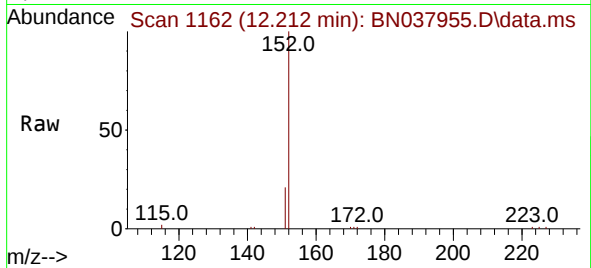




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

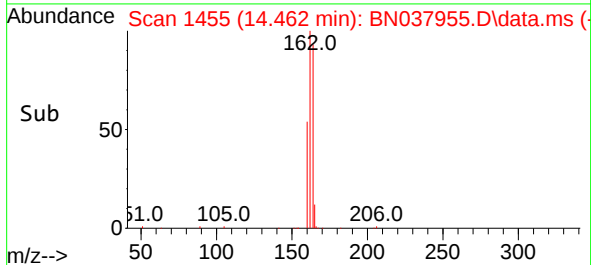
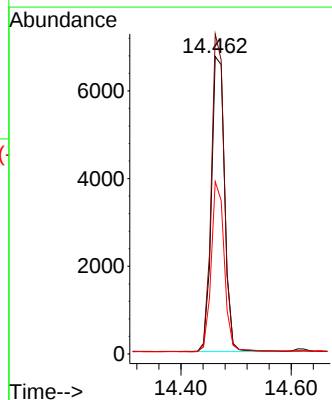
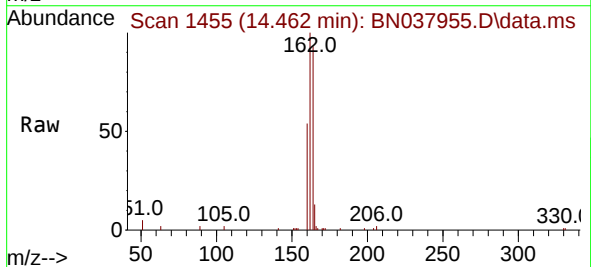
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250923

Tgt Ion:152 Resp: 10196
Ion Ratio Lower Upper
152 100
151 21.5 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: BN037955.D
Acq: 30 Sep 2025 20:48

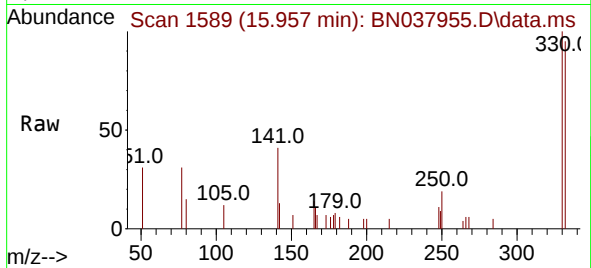
Tgt Ion:164 Resp: 11227
Ion Ratio Lower Upper
164 100
162 107.6 84.8 127.2
160 57.9 46.1 69.1



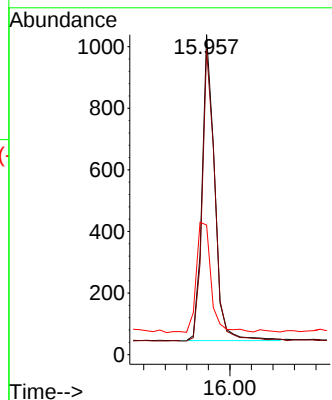
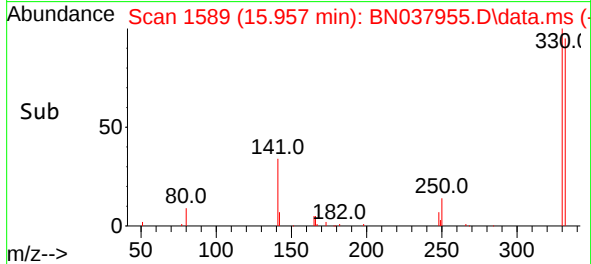


#14
2,4,6-Tribromophenol
Concen: 0.377 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

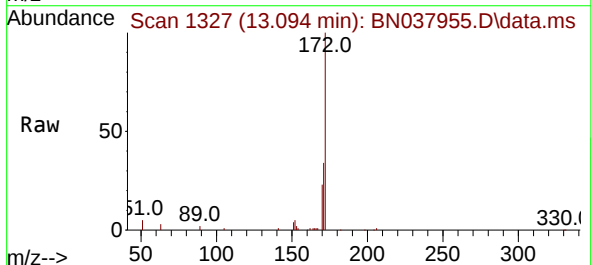
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250923



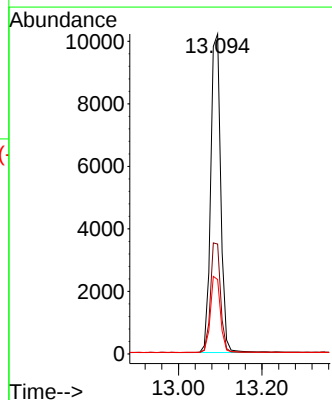
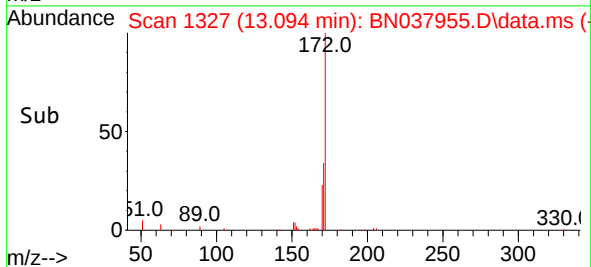
Tgt Ion:330 Resp: 1603
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 41.7 37.2 55.8

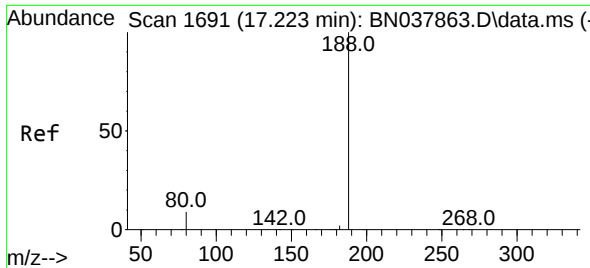


#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48



Tgt Ion:172 Resp: 16762
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.2 19.7 29.5

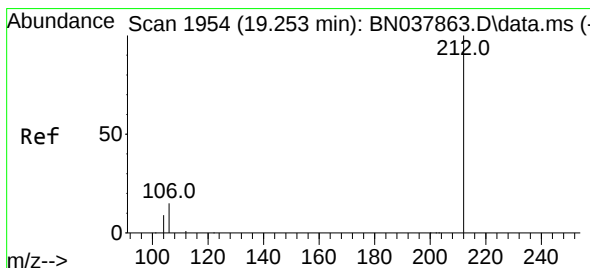
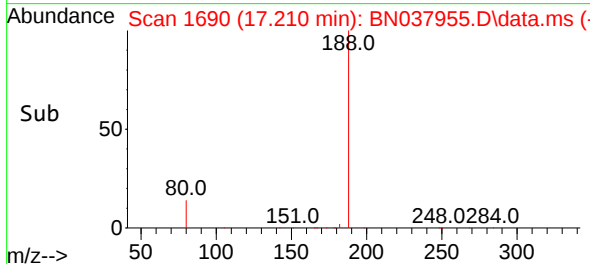
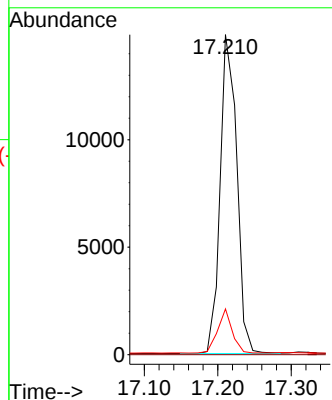
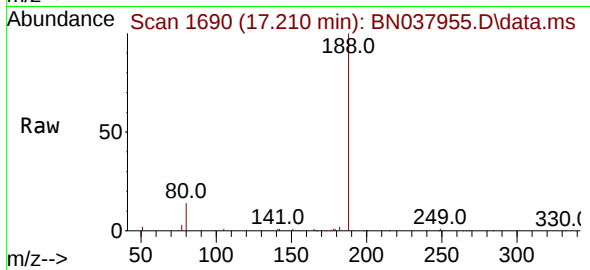




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

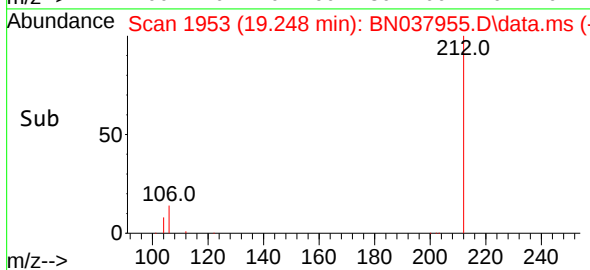
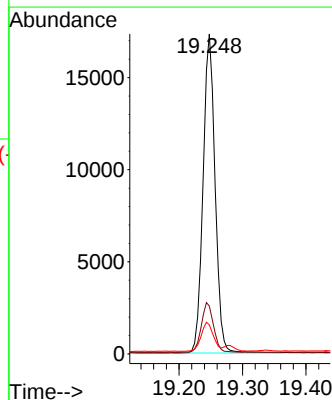
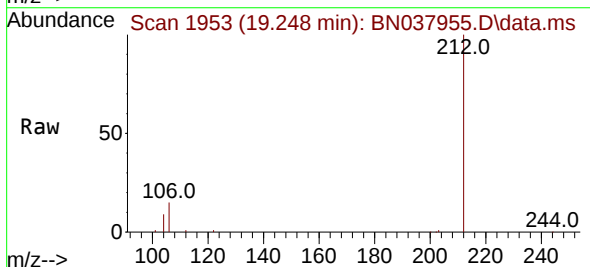
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250923

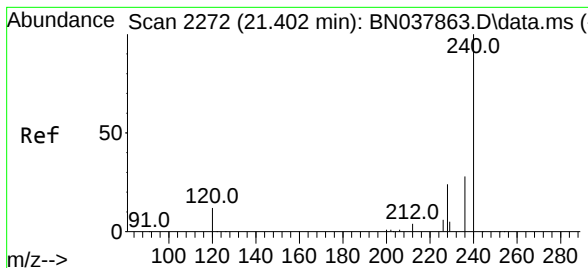
Tgt Ion:188 Resp: 23340
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037955.D
Acq: 30 Sep 2025 20:48

Tgt Ion:212 Resp: 22786
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.2 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: BN037955.D

Acq: 30 Sep 2025 20:48

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20250923

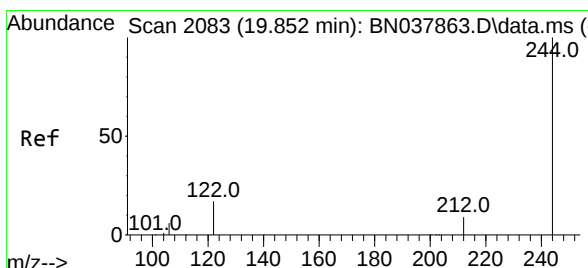
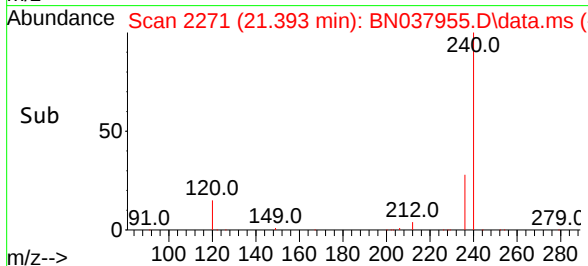
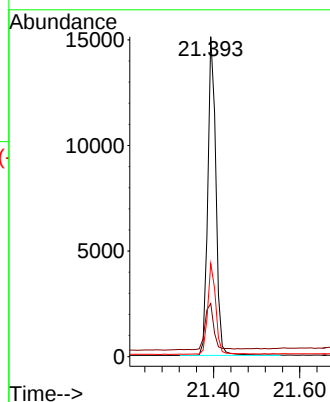
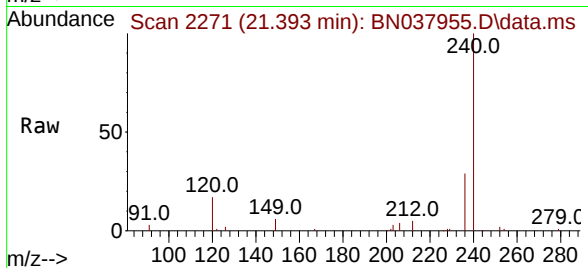
Tgt Ion:240 Resp: 19828

Ion Ratio Lower Upper

240 100

120 16.6 11.4 17.2

236 29.1 23.0 34.6



#31

Terphenyl-d14

Concen: 0.518 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037955.D

Acq: 30 Sep 2025 20:48

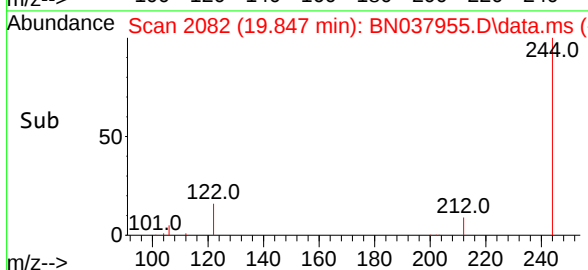
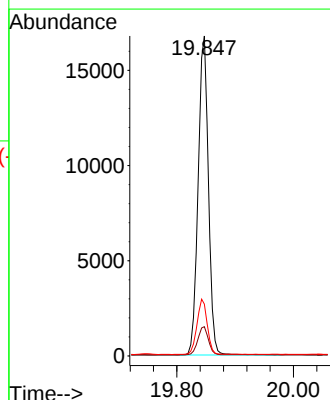
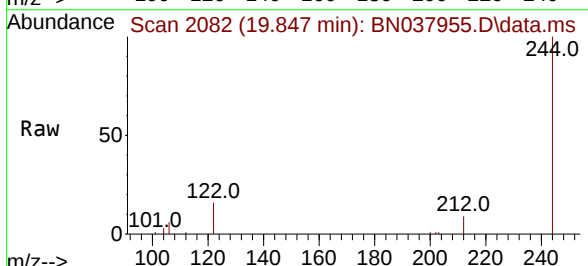
Tgt Ion:244 Resp: 20439

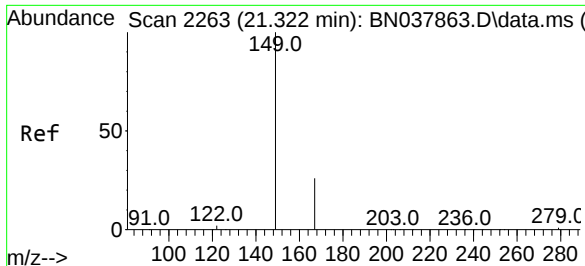
Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 16.2 13.9 20.9

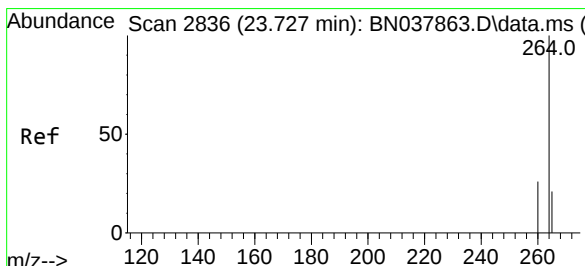
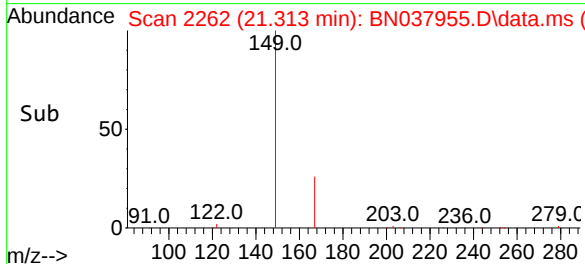
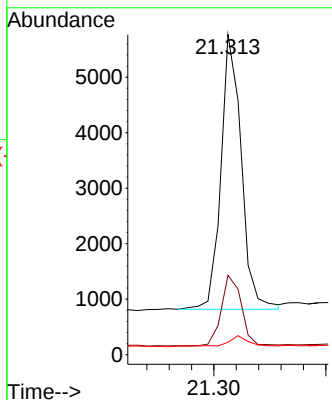
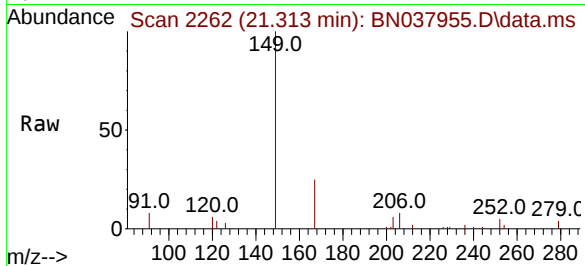




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.228 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037955.D
 Acq: 30 Sep 2025 20:48

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250923

Tgt Ion:149 Resp: 6247
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.4 30.6
 279 4.2 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: BN037955.D
 Acq: 30 Sep 2025 20:48

Tgt Ion:264 Resp: 17731
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.5 32.3
 265 69.3 53.8 80.6

