

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037953.D
 Acq On : 30 Sep 2025 19:35
 Operator : RC/JU
 Sample : Q3193-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250922

Quant Time: Oct 01 01:23:04 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)

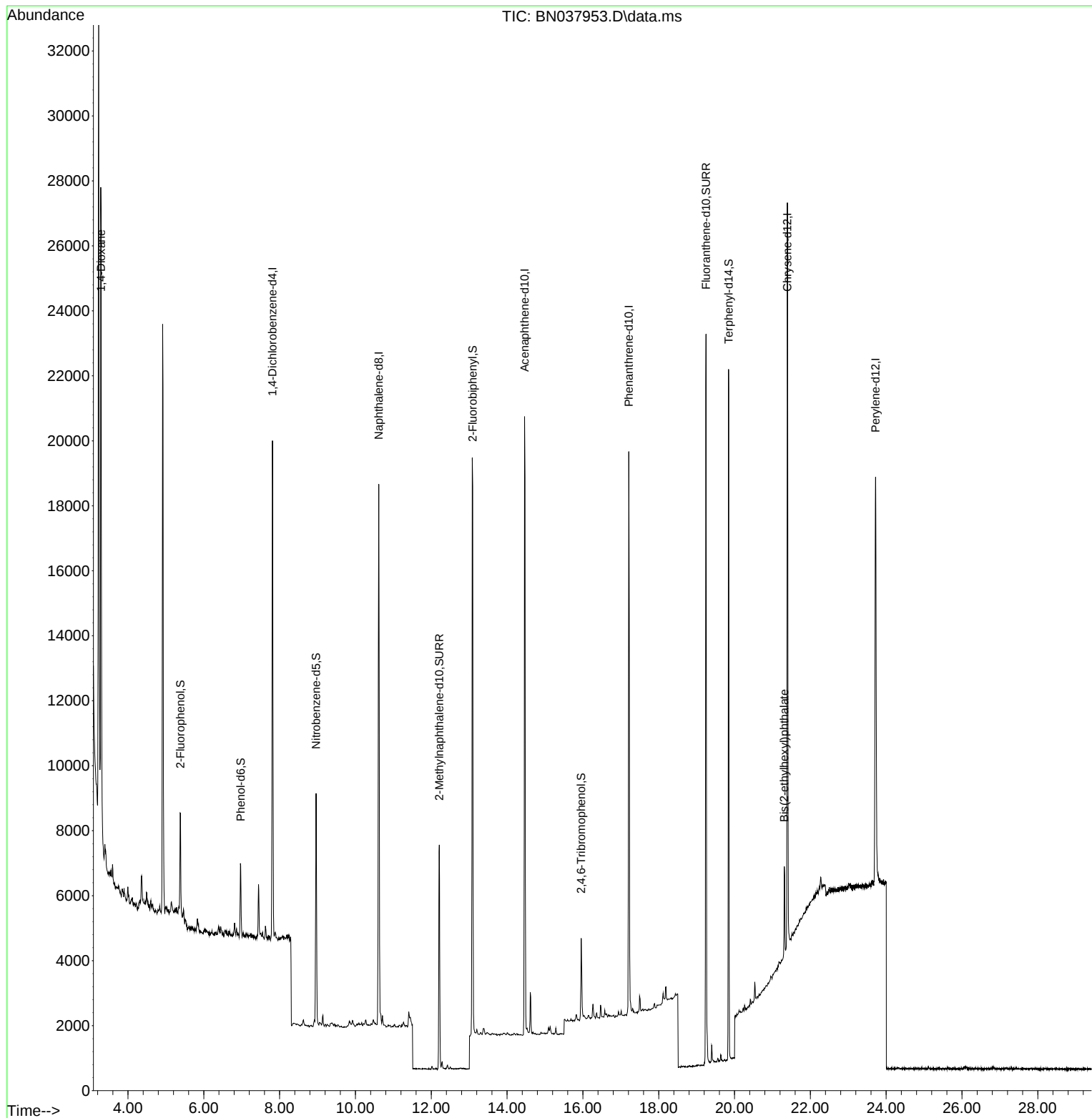
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7382	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	21403	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11279	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23722	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	20326	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	18553	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2638	0.157	ng	0.00
5) Phenol-d6	6.973	99	2023	0.091	ng	0.00
8) Nitrobenzene-d5	8.961	82	5637	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	9631	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1479	0.346	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	16696	0.362	ng	0.00
27) Fluoranthene-d10	19.248	212	24175	0.405	ng	0.00
31) Terphenyl-d14	19.847	244	19717	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	13642	1.820	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	2967	0.106	ng	# 98

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

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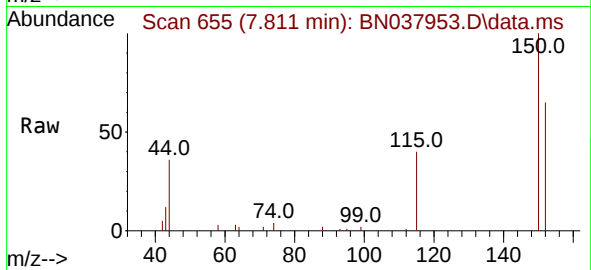
Quant Time: Oct 01 01:23:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



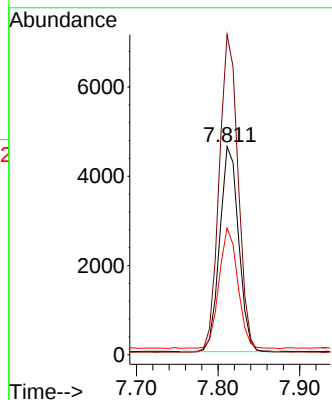
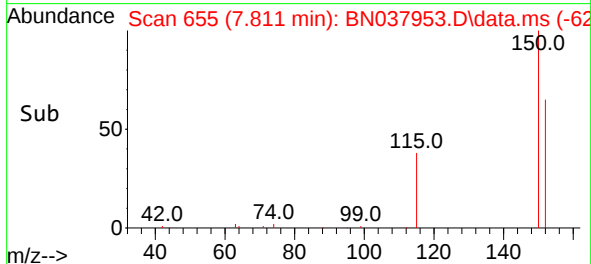


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037953.D
 Acq: 30 Sep 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250922

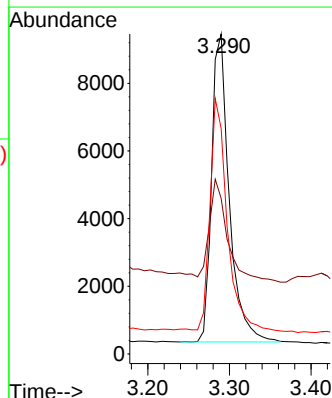
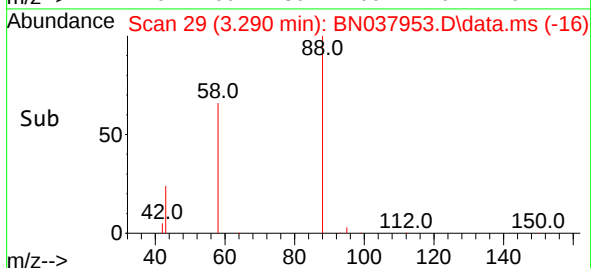
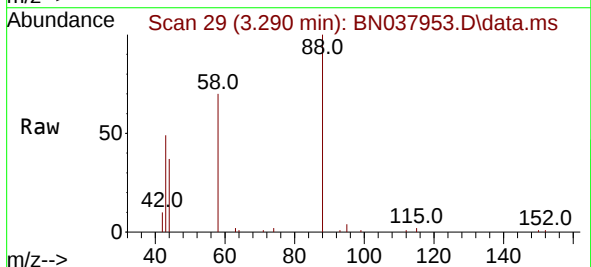


Tgt Ion:152 Resp: 7382
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.0 181.4
 115 61.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.820 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037953.D
 Acq: 30 Sep 2025 19:35

Tgt Ion: 88 Resp: 13642
 Ion Ratio Lower Upper
 88 100
 43 34.5 26.6 39.8
 58 73.6 58.9 88.3

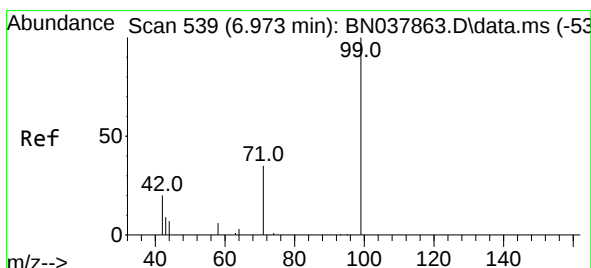
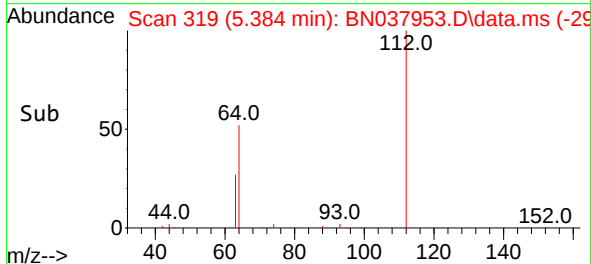
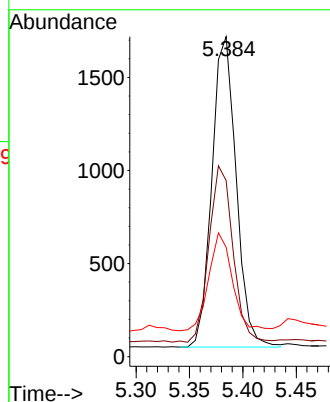
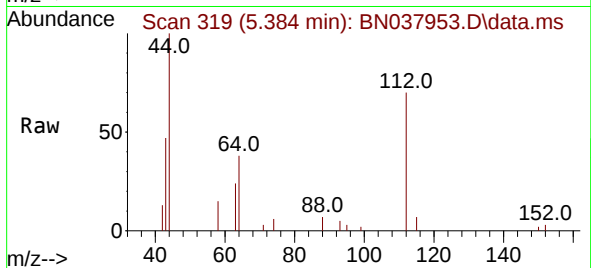




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

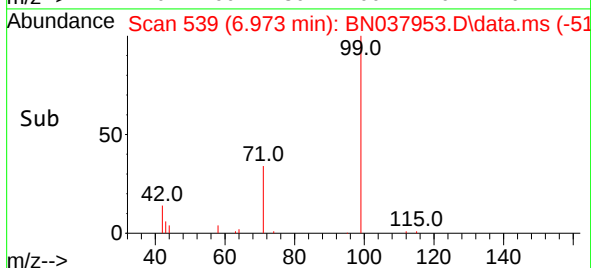
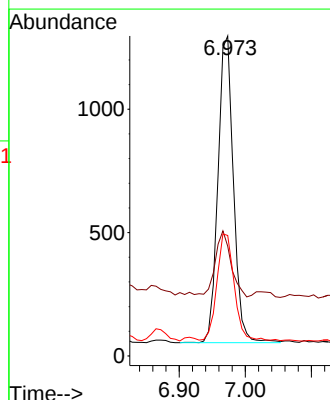
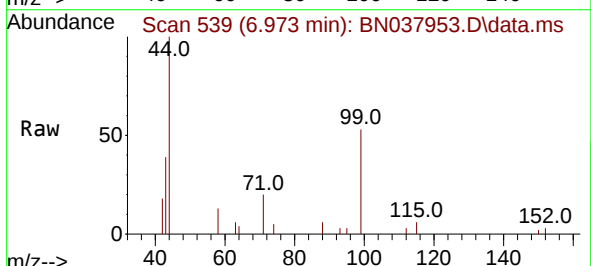
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250922

Tgt Ion: 112 Resp: 2638
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 31.1 24.9 37.3



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

Tgt Ion: 99 Resp: 2023
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 38.9 27.3 40.9

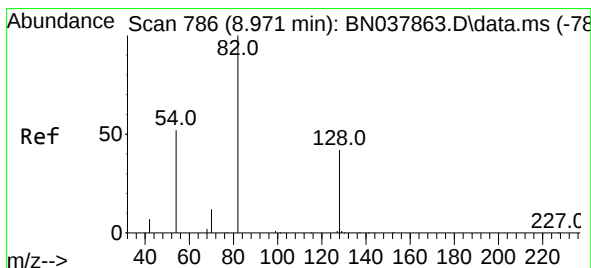
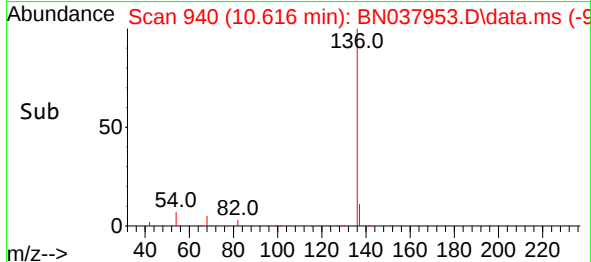
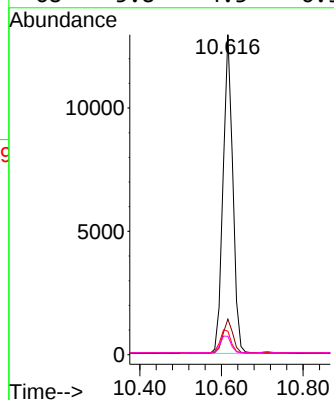
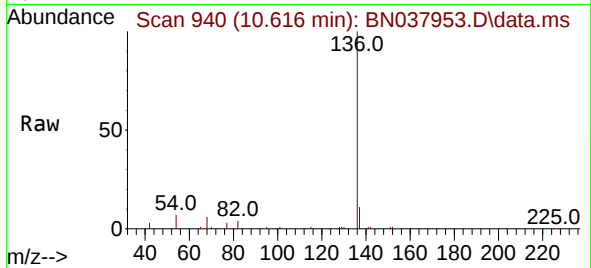




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

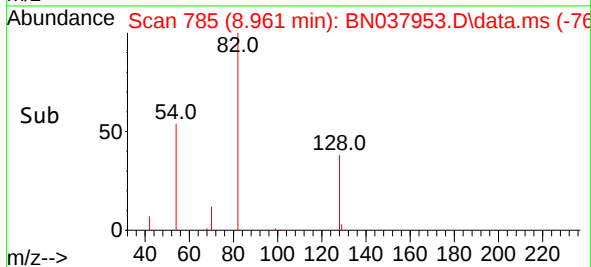
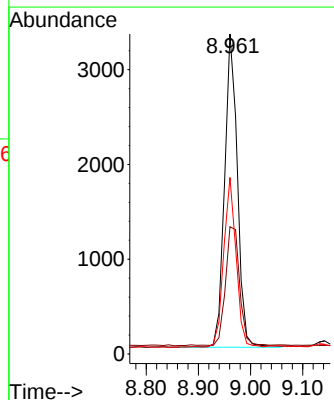
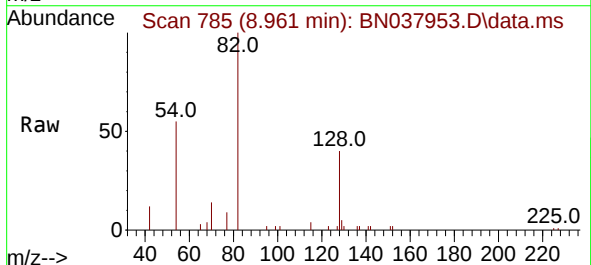
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250922

Tgt Ion:136	Resp:	21403
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.4	5.8 8.8
68	5.8	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

Tgt Ion: 82	Resp:	5637
Ion Ratio	Lower	Upper
82	100	
128	39.7	34.8 52.2
54	55.1	42.2 63.2

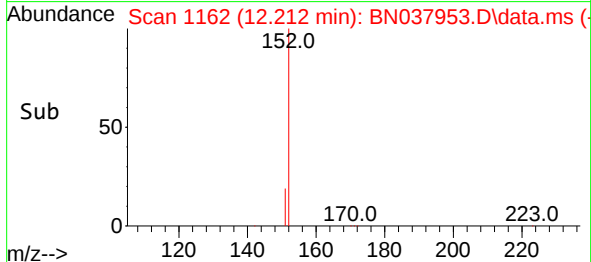
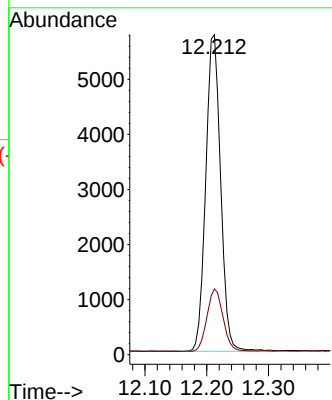
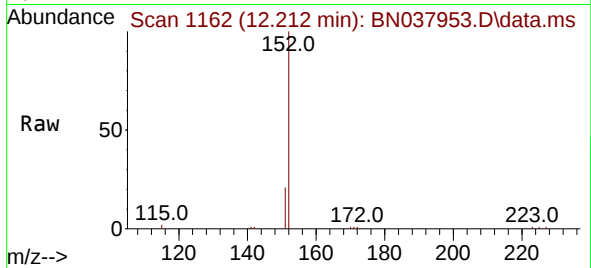




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

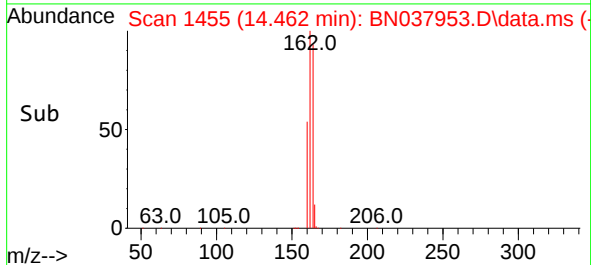
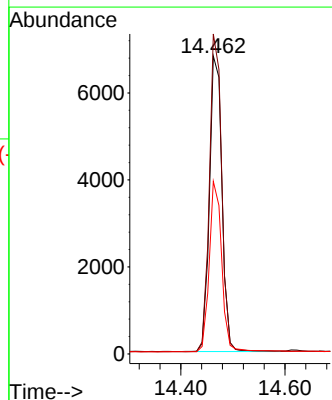
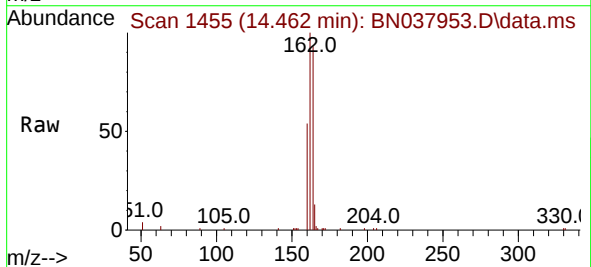
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20250922

Tgt Ion:152 Resp: 9631
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: BN037953.D
Acq: 30 Sep 2025 19:35

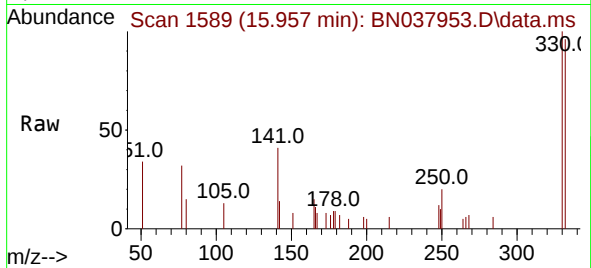
Tgt Ion:164 Resp: 11279
Ion Ratio Lower Upper
164 100
162 107.4 84.8 127.2
160 58.0 46.1 69.1



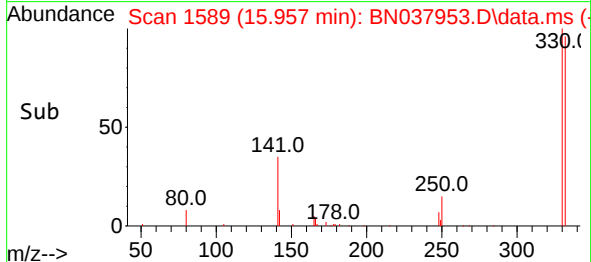
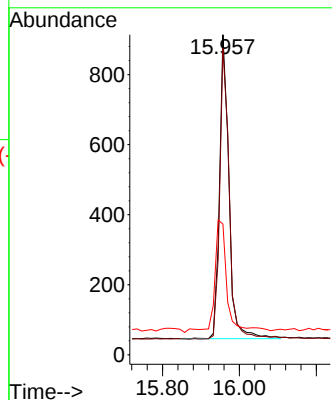


#14
 2,4,6-Tribromophenol
 Concen: 0.346 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN037953.D
 Acq: 30 Sep 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250922

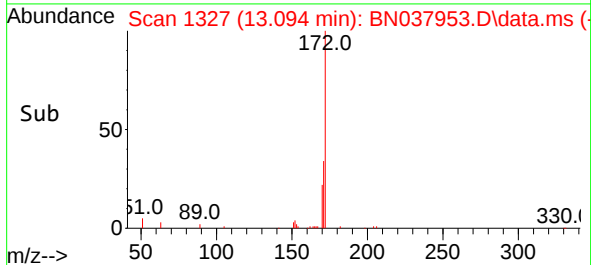
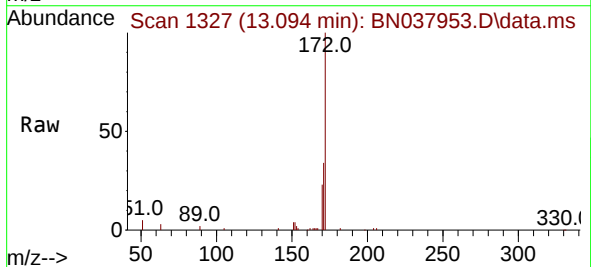
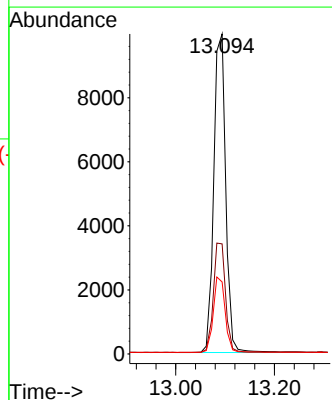


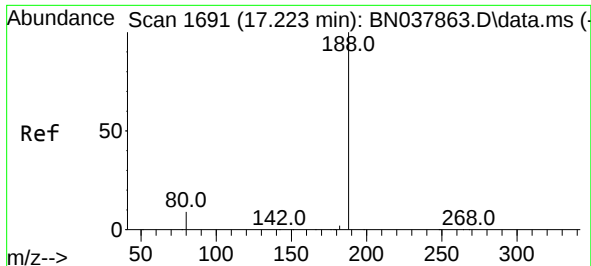
Tgt Ion: 330 Resp: 1479
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.2 115.8
 141 44.8 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.362 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037953.D
 Acq: 30 Sep 2025 19:35

Tgt Ion: 172 Resp: 16696
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 22.5 19.7 29.5

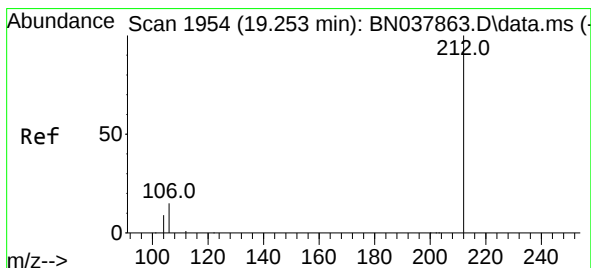
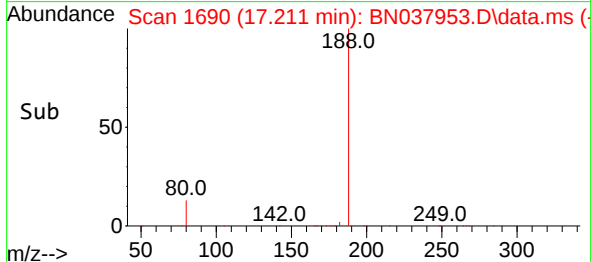
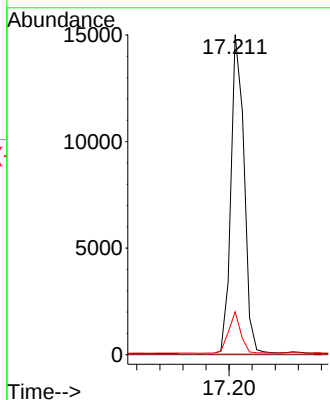
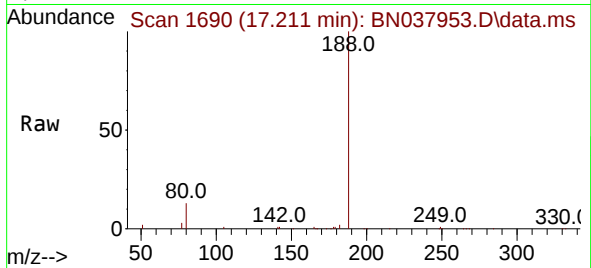




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

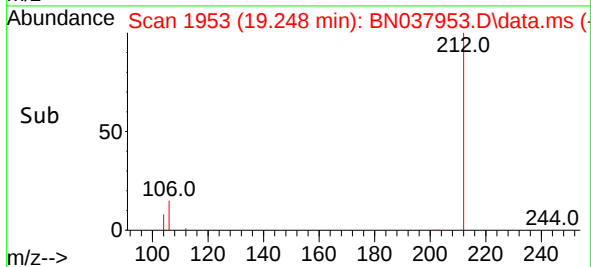
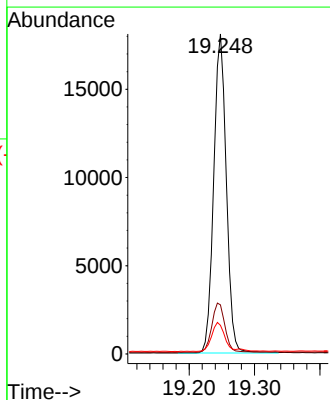
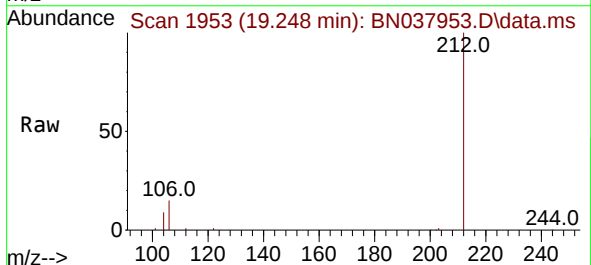
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ClientSampleId :
GM38-RW3-MW1-20250922

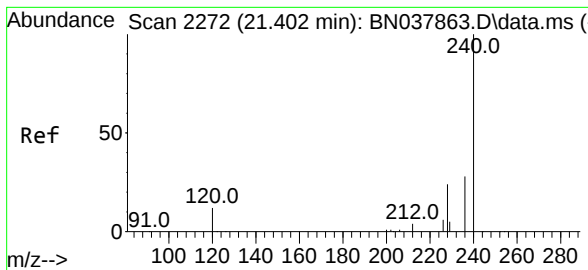
Tgt Ion:188 Resp: 23722
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037953.D
Acq: 30 Sep 2025 19:35

Tgt Ion:212 Resp: 24175
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.4 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: BN037953.D

Acq: 30 Sep 2025 19:35

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20250922

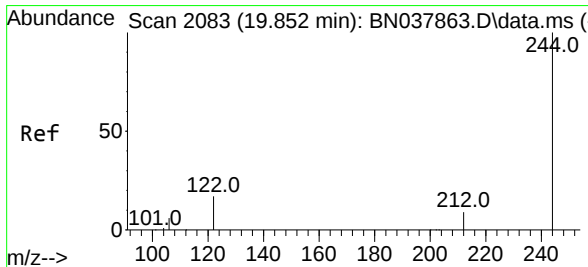
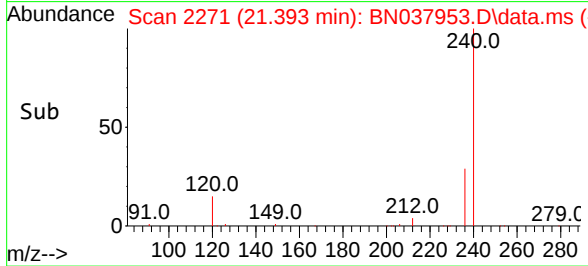
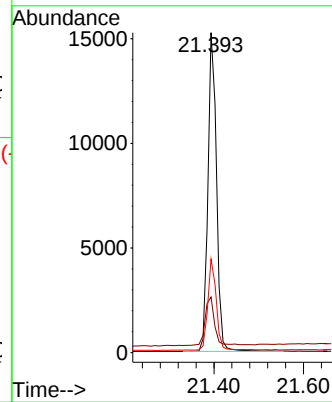
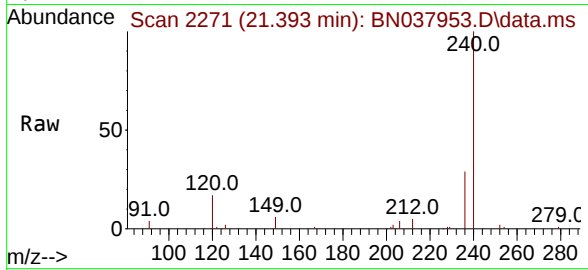
Tgt Ion:240 Resp: 20326

Ion Ratio Lower Upper

240 100

120 17.4 11.4 17.2#

236 29.2 23.0 34.6



#31

Terphenyl-d14

Concen: 0.487 ng

RT: 19.847 min Scan# 2082

Delta R.T. -0.005 min

Lab File: BN037953.D

Acq: 30 Sep 2025 19:35

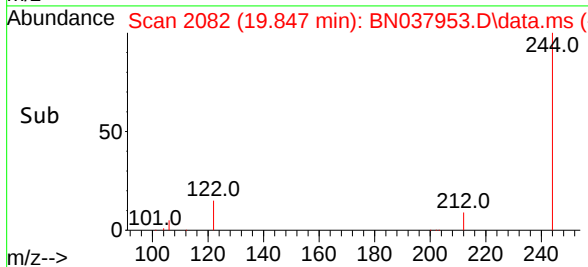
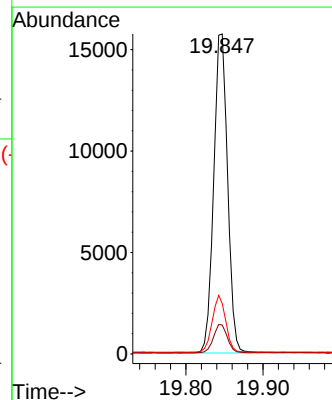
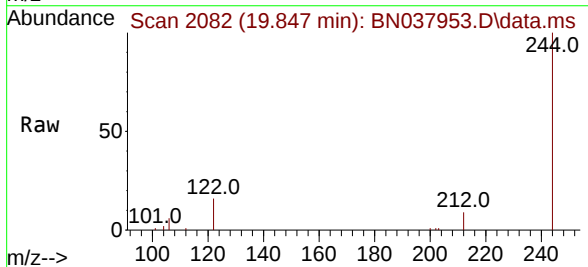
Tgt Ion:244 Resp: 19717

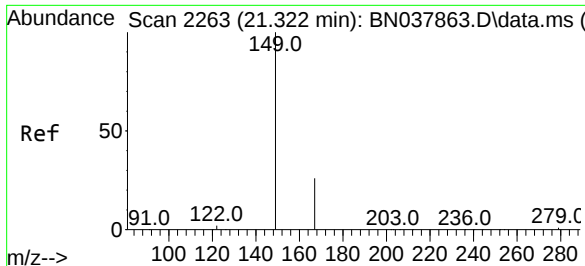
Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 15.7 13.9 20.9

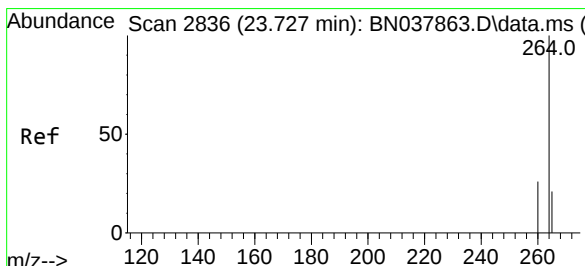
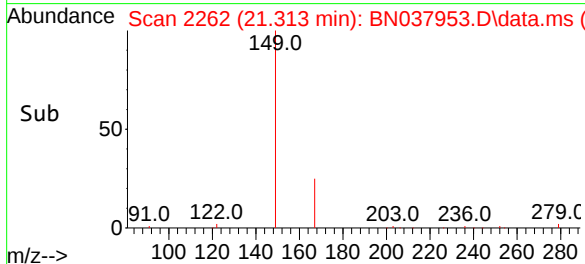
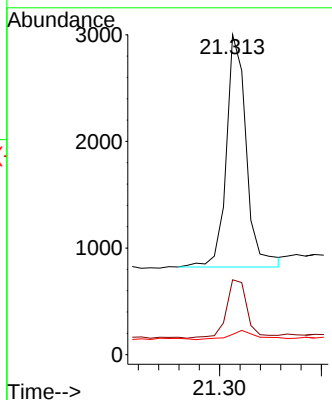
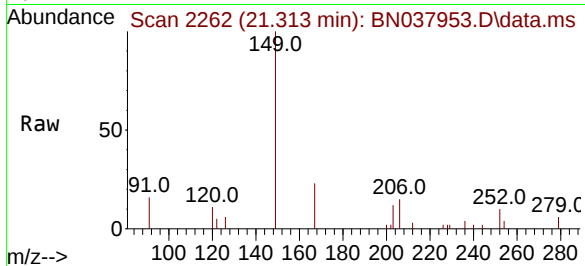




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.313 min Scan# 2131
 Delta R.T. -0.009 min
 Lab File: BN037953.D
 Acq: 30 Sep 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20250922

Tgt Ion:149 Resp: 2967
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.4 30.6
 279 5.5 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: BN037953.D
 Acq: 30 Sep 2025 19:35

Tgt Ion:264 Resp: 18553
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 69.3 53.8 80.6

