

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037763.D
 Acq On : 18 Sep 2025 05:10
 Operator : RC/JU
 Sample : Q3095-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20250909

Quant Time: Sep 18 05:35:27 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)

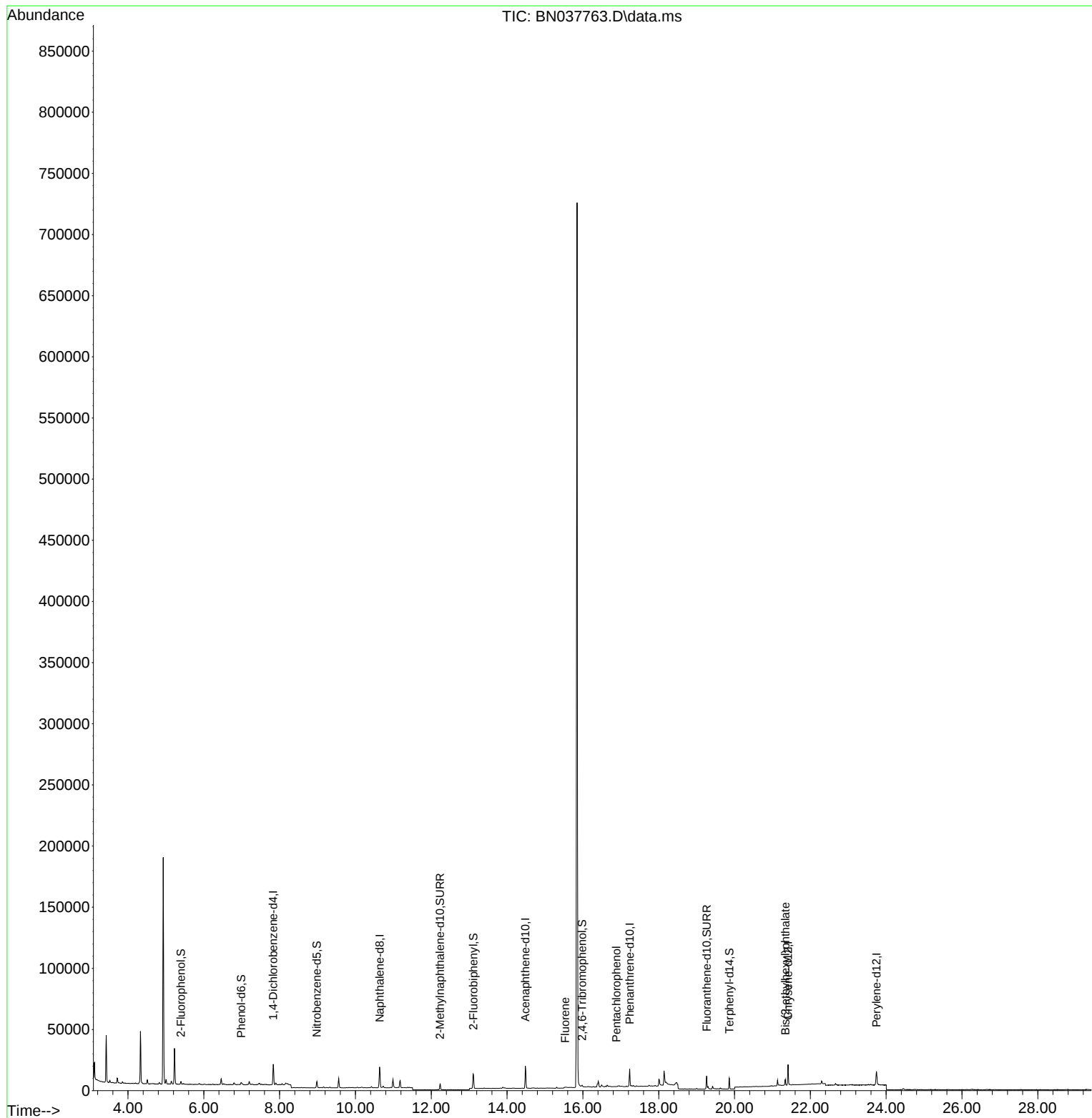
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7985	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22130	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10297	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	18311	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14395	0.400	ng	0.00
35) Perylene-d12	23.744	264	14910	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1925	0.105	ng	0.00
5) Phenol-d6	6.988	99	1623	0.068	ng	0.00
8) Nitrobenzene-d5	8.982	82	3752	0.232	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	6365	0.217	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	707	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	9995	0.232	ng	0.00
27) Fluoranthene-d10	19.266	212	11583	0.252	ng	0.00
31) Terphenyl-d14	19.861	244	8243	0.282	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.535	166	1036	0.027	ng	# 17
24) Pentachlorophenol	16.888	266	157	0.039	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.340	149	4799	0.322	ng	99

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

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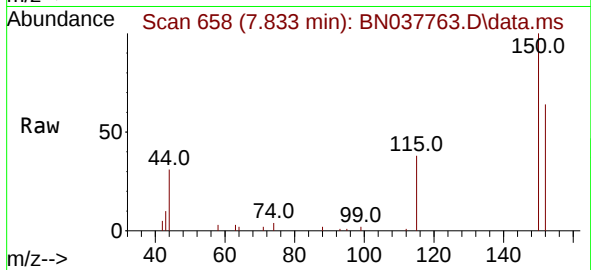
Quant Time: Sep 18 05:35:27 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



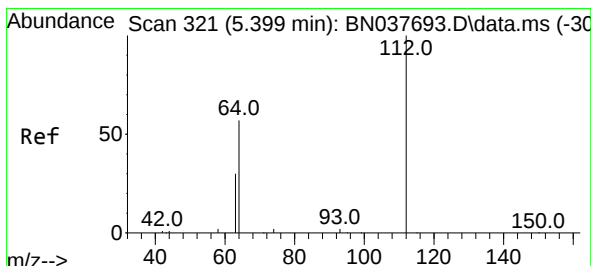
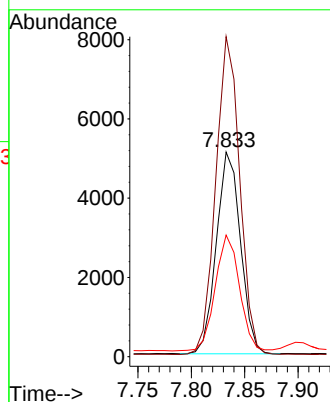
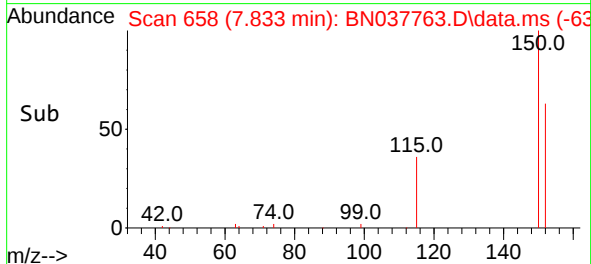


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20250909

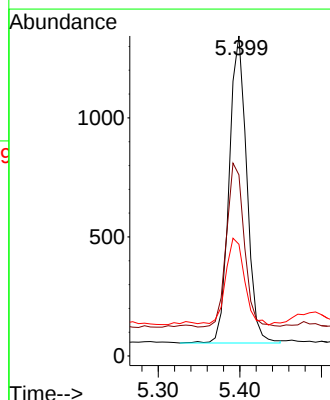
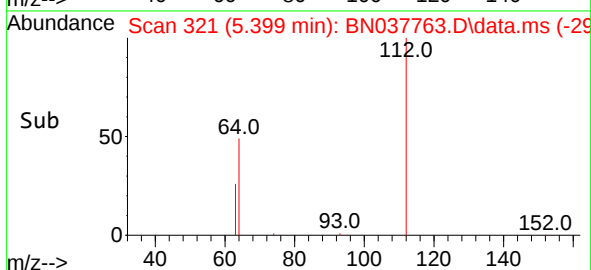
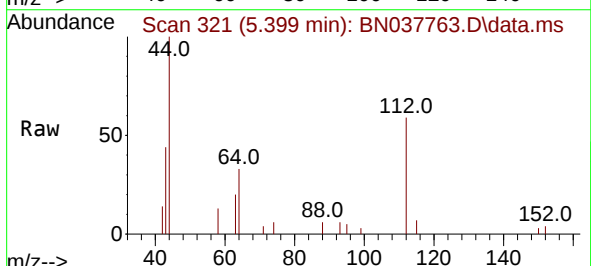


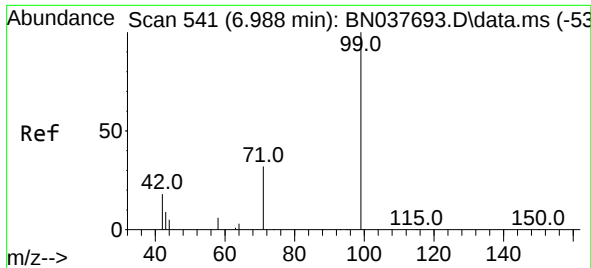
Tgt Ion:152 Resp: 7985
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 59.4 49.2 73.8



#4
 2-Fluorophenol
 Concen: 0.105 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

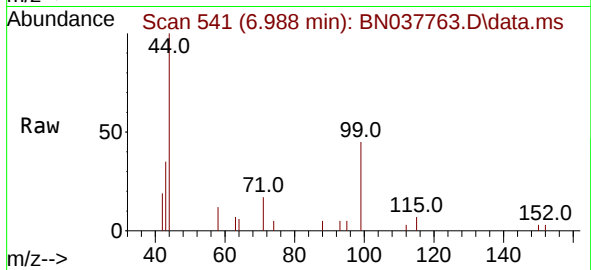
Tgt Ion:112 Resp: 1925
 Ion Ratio Lower Upper
 112 100
 64 53.8 44.9 67.3
 63 30.4 24.7 37.1



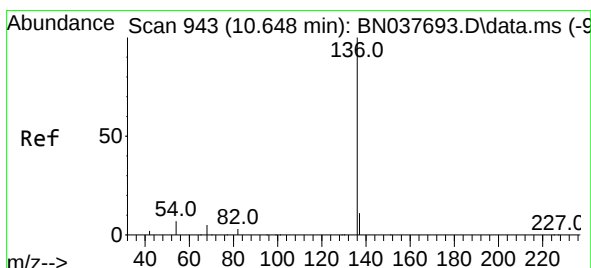
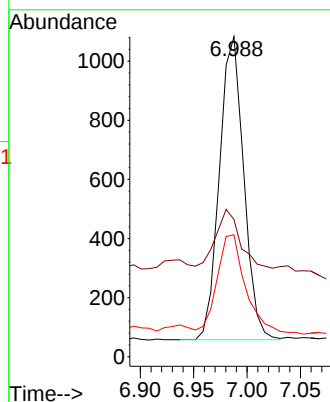
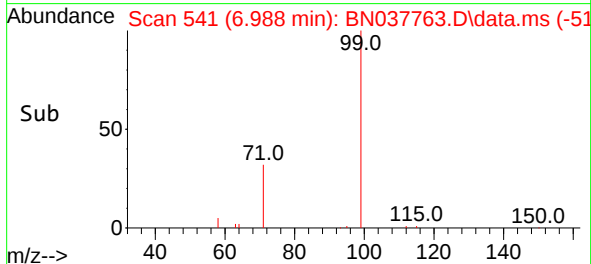


#5
Phenol-d6
Concen: 0.068 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

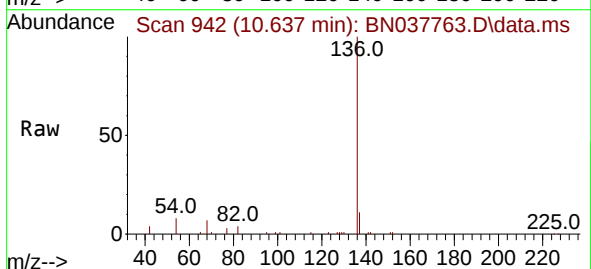
Instrument :
BNA_N
ClientSampleId :
RE123D3-20250909



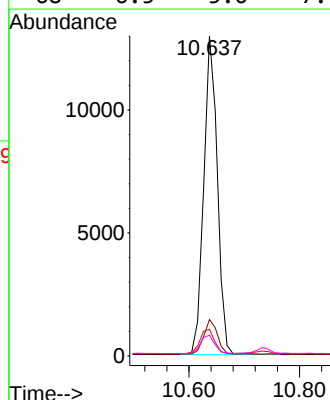
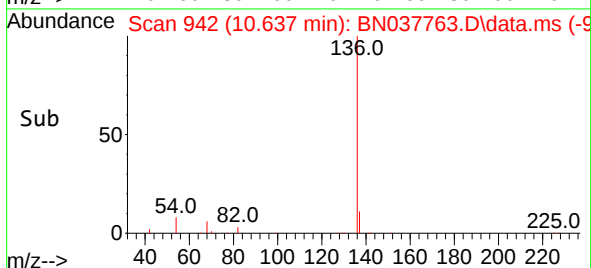
Tgt Ion: 99 Resp: 1623
Ion Ratio Lower Upper
99 100
42 33.7 16.6 24.8#
71 38.8 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10



Tgt Ion: 136 Resp: 22130
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.4 6.3 9.5
68 6.5 5.0 7.4

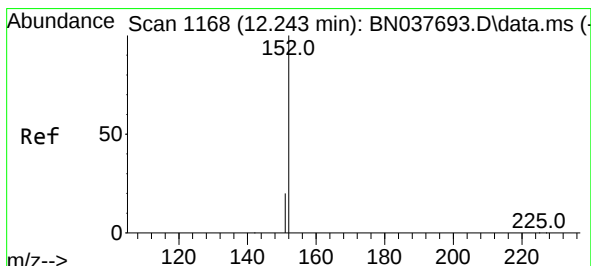
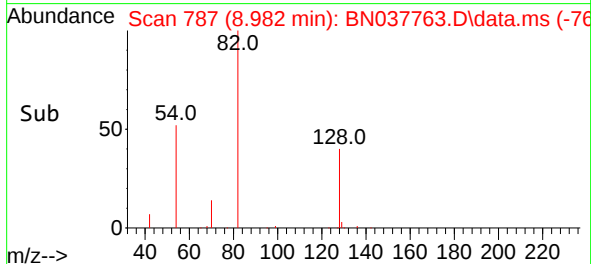
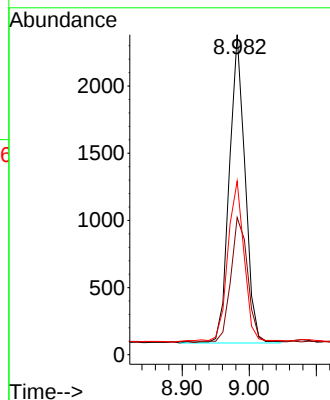
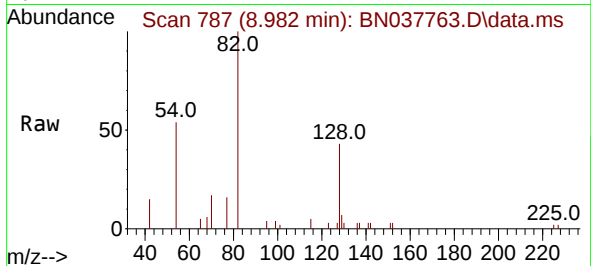




#8
 Nitrobenzene-d5
 Concen: 0.232 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

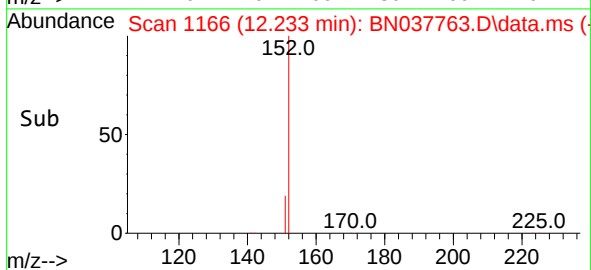
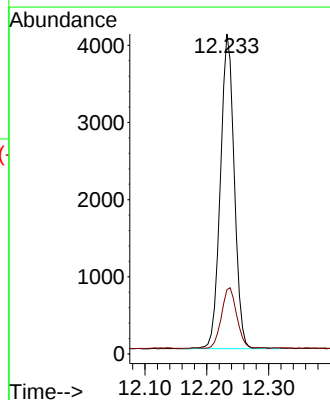
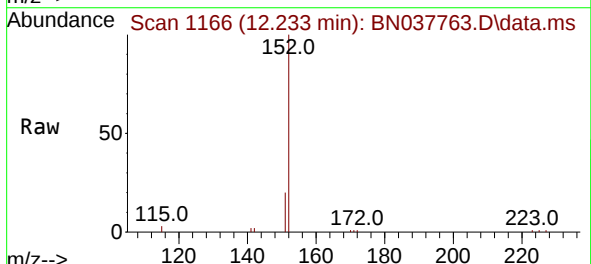
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20250909

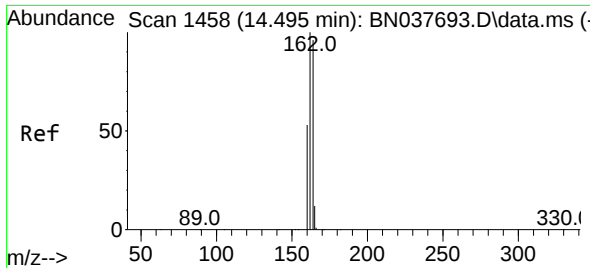
Tgt Ion: 82 Resp: 3752
 Ion Ratio Lower Upper
 82 100
 128 42.9 38.3 57.5
 54 54.2 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.217 ng
 RT: 12.233 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

Tgt Ion: 152 Resp: 6365
 Ion Ratio Lower Upper
 152 100
 151 20.9 17.0 25.6

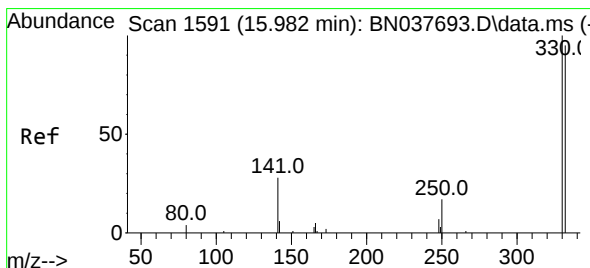
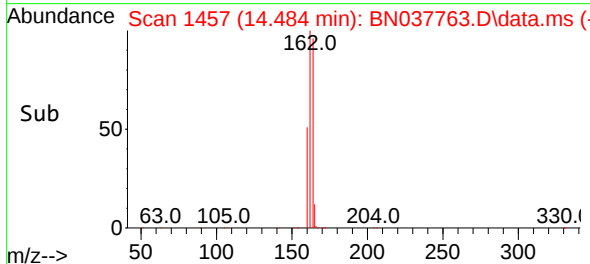
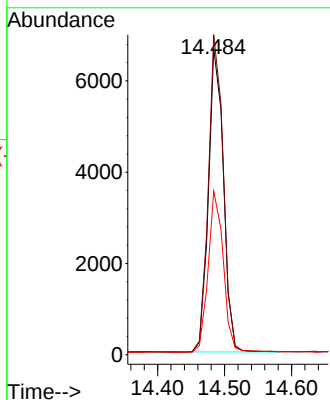
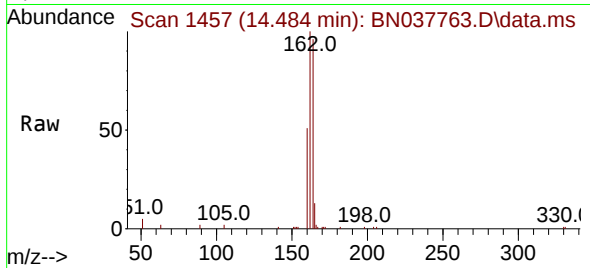




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

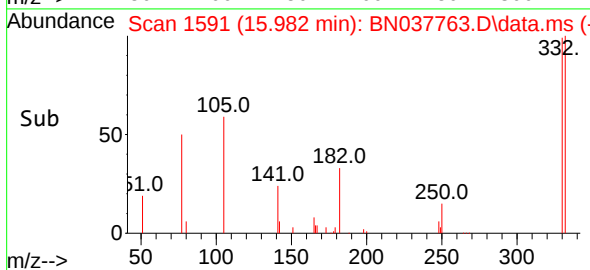
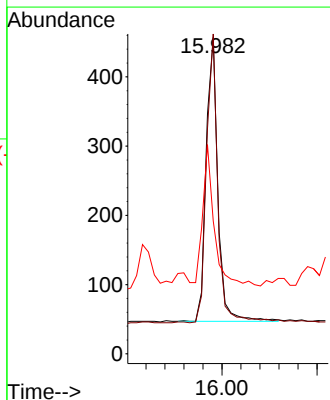
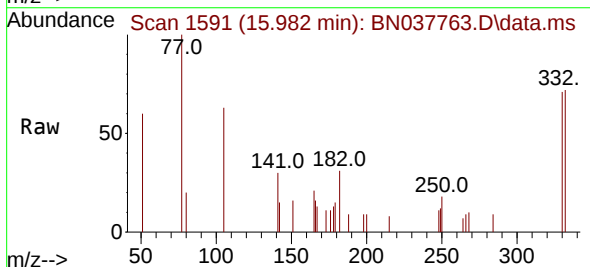
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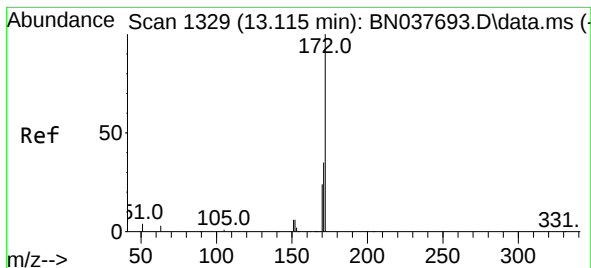
Tgt Ion:164 Resp: 10297
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.1 124.7
 160 53.4 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.263 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

Tgt Ion:330 Resp: 707
 Ion Ratio Lower Upper
 330 100
 332 98.4 75.3 112.9
 141 50.2 35.0 52.4





#15

2-Fluorobiphenyl

Concen: 0.232 ng

RT: 13.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037763.D

Acq: 18 Sep 2025 05:10

Instrument :

BNA_N

ClientSampleId :

RE123D3-20250909

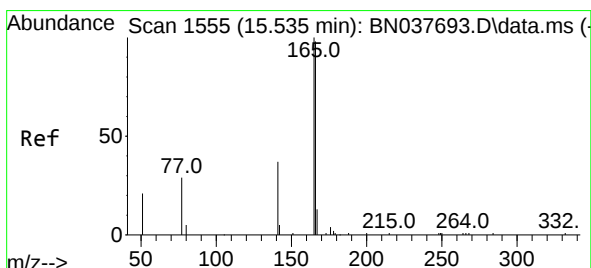
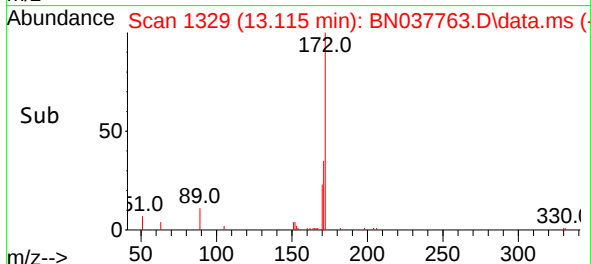
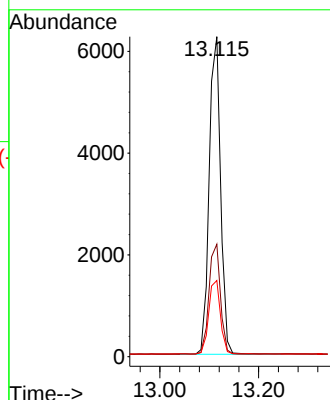
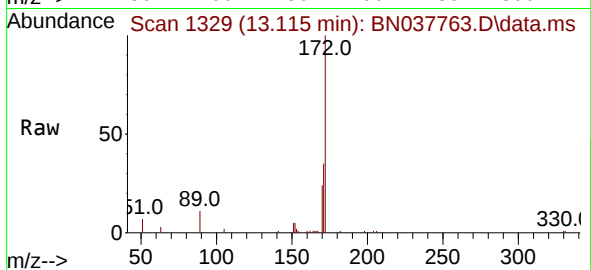
Tgt Ion:172 Resp: 9995

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.8 19.8 29.8



#18

Fluorene

Concen: 0.027 ng

RT: 15.535 min Scan# 1555

Delta R.T. -0.000 min

Lab File: BN037763.D

Acq: 18 Sep 2025 05:10

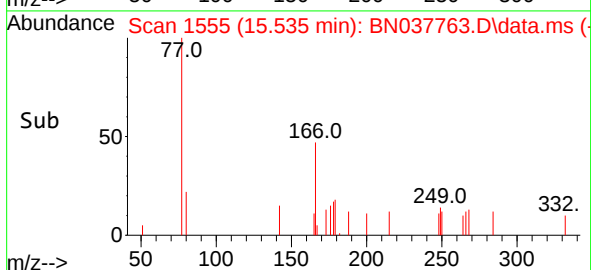
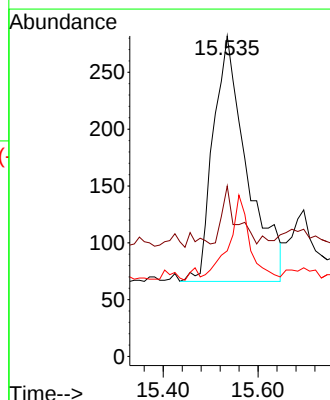
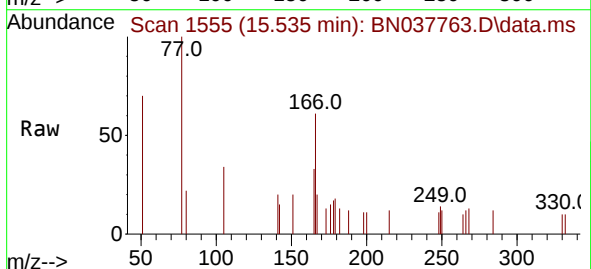
Tgt Ion:166 Resp: 1036

Ion Ratio Lower Upper

166 100

165 10.1 79.6 119.4#

167 0.0 10.6 16.0#

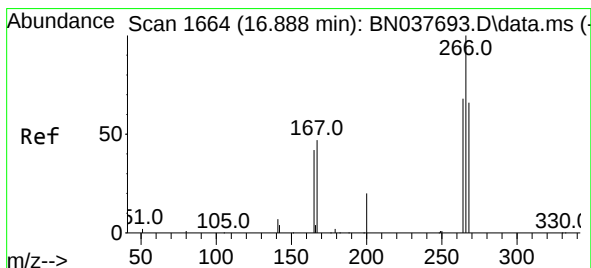
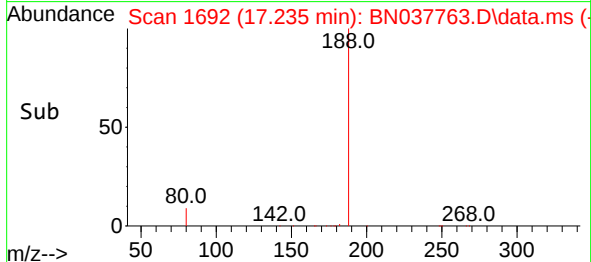
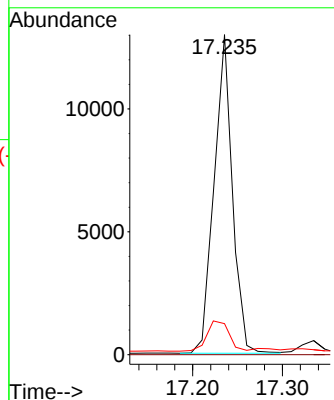
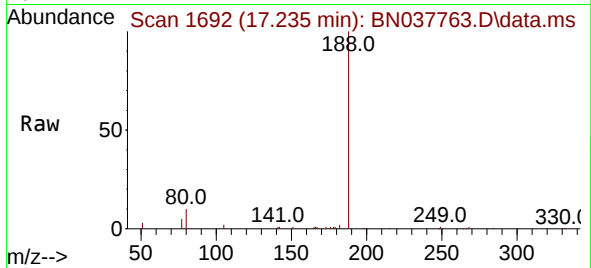




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

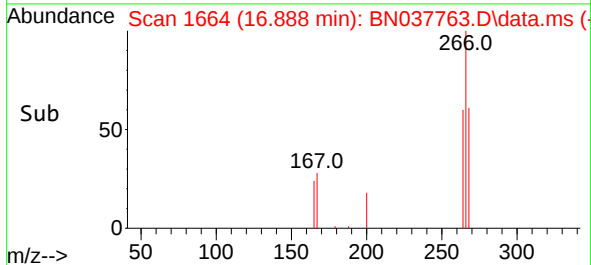
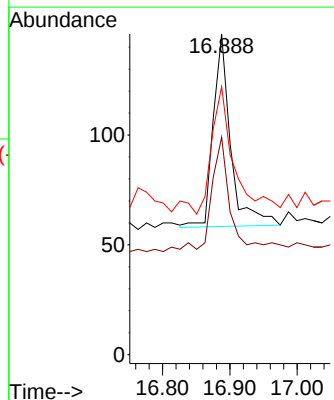
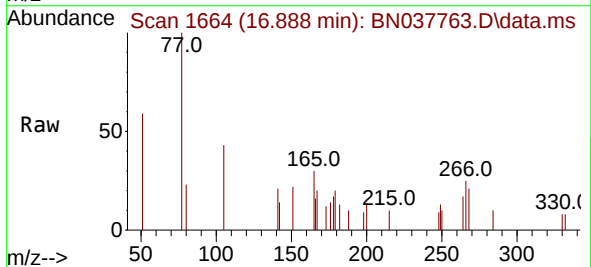
Instrument :
BNA_N
ClientSampleId :
RE123D3-20250909

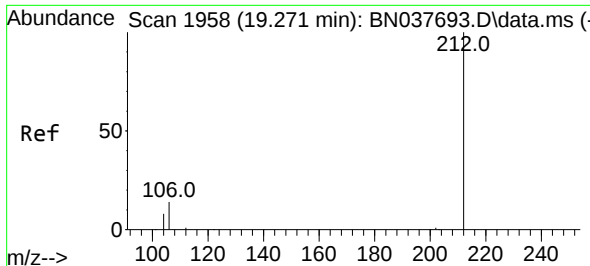
Tgt Ion:188 Resp: 18311
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 10.6 15.8#



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

Tgt Ion:266 Resp: 157
Ion Ratio Lower Upper
266 100
264 67.5 51.6 77.4
268 85.4 53.2 79.8#

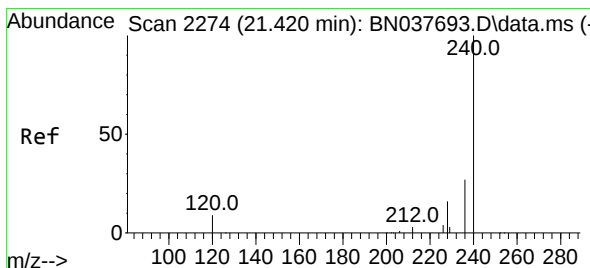
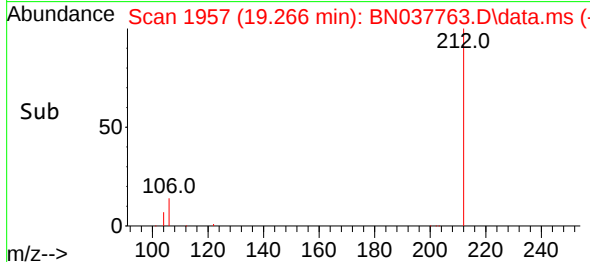
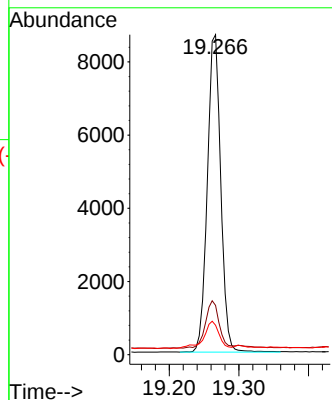
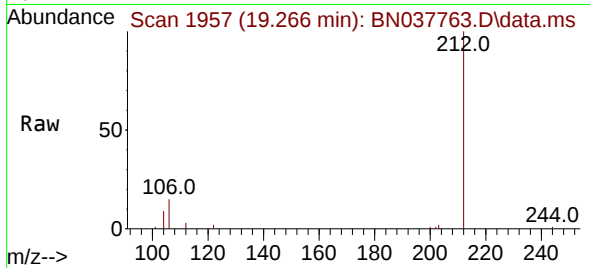




#27
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

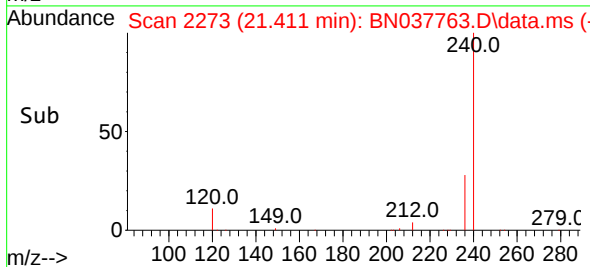
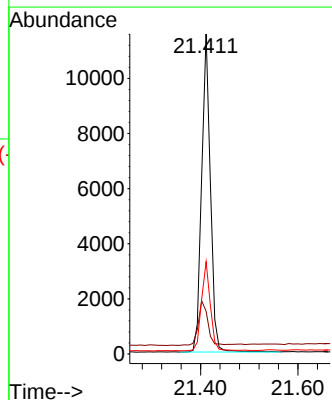
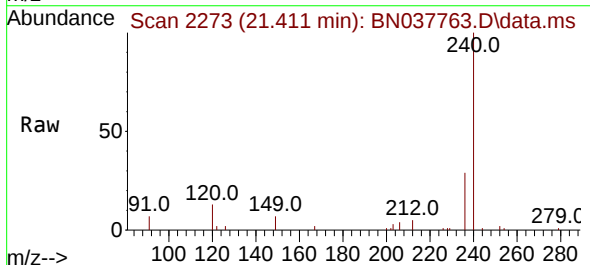
Instrument :
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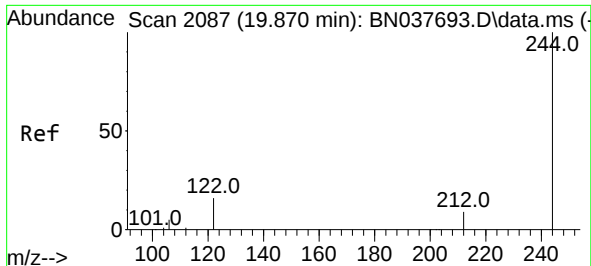
Tgt Ion:212 Resp: 11583
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 9.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

Tgt Ion:240 Resp: 14395
Ion Ratio Lower Upper
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120 13.4 9.2 13.8
236 28.8 22.6 33.8

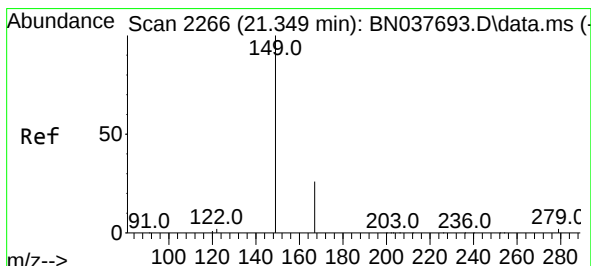
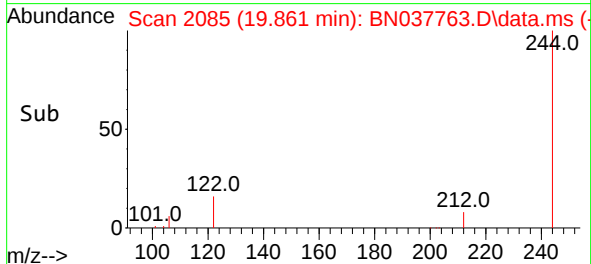
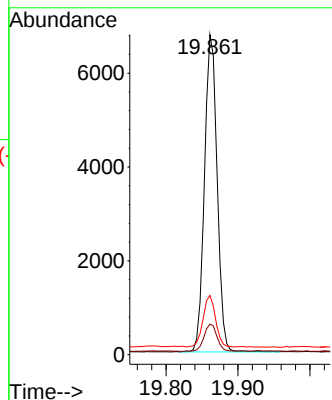
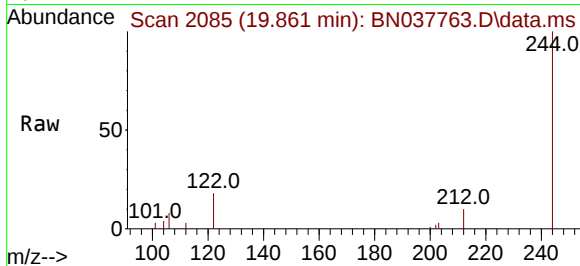




#31
 Terphenyl-d14
 Concen: 0.282 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

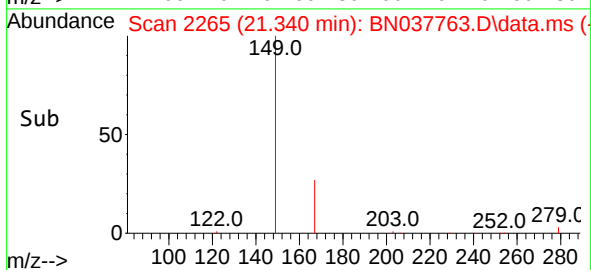
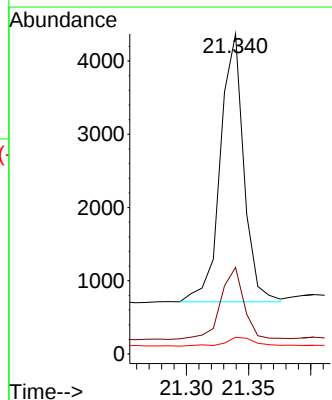
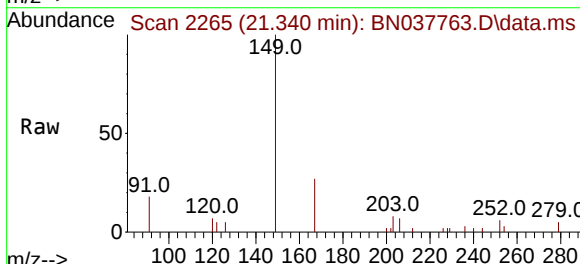
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 ClientSampleId :
 RE123D3-20250909

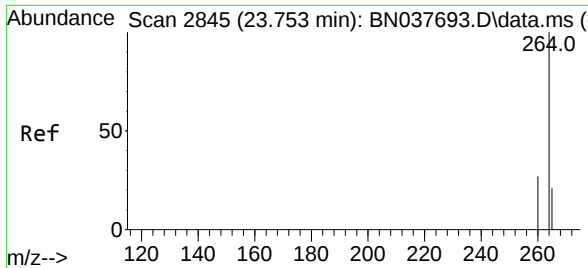
Tgt Ion:244 Resp: 8243
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 18.5 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.322 ng
 RT: 21.340 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037763.D
 Acq: 18 Sep 2025 05:10

Tgt Ion:149 Resp: 4799
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.8 31.2
 279 4.3 3.3 4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037763.D
Acq: 18 Sep 2025 05:10

Instrument :
BNA_N
ClientSampleId :
RE123D3-20250909

Tgt Ion:264	Resp:	14910
Ion	Ratio	Lower Upper
264	100	
260	26.2	21.8 32.8
265	60.2	39.4 59.2#

