

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
 Data File : BN037644.D
 Acq On : 21 Aug 2025 11:09
 Operator : RC/JU
 Sample : PB169328BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 22 08:22:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

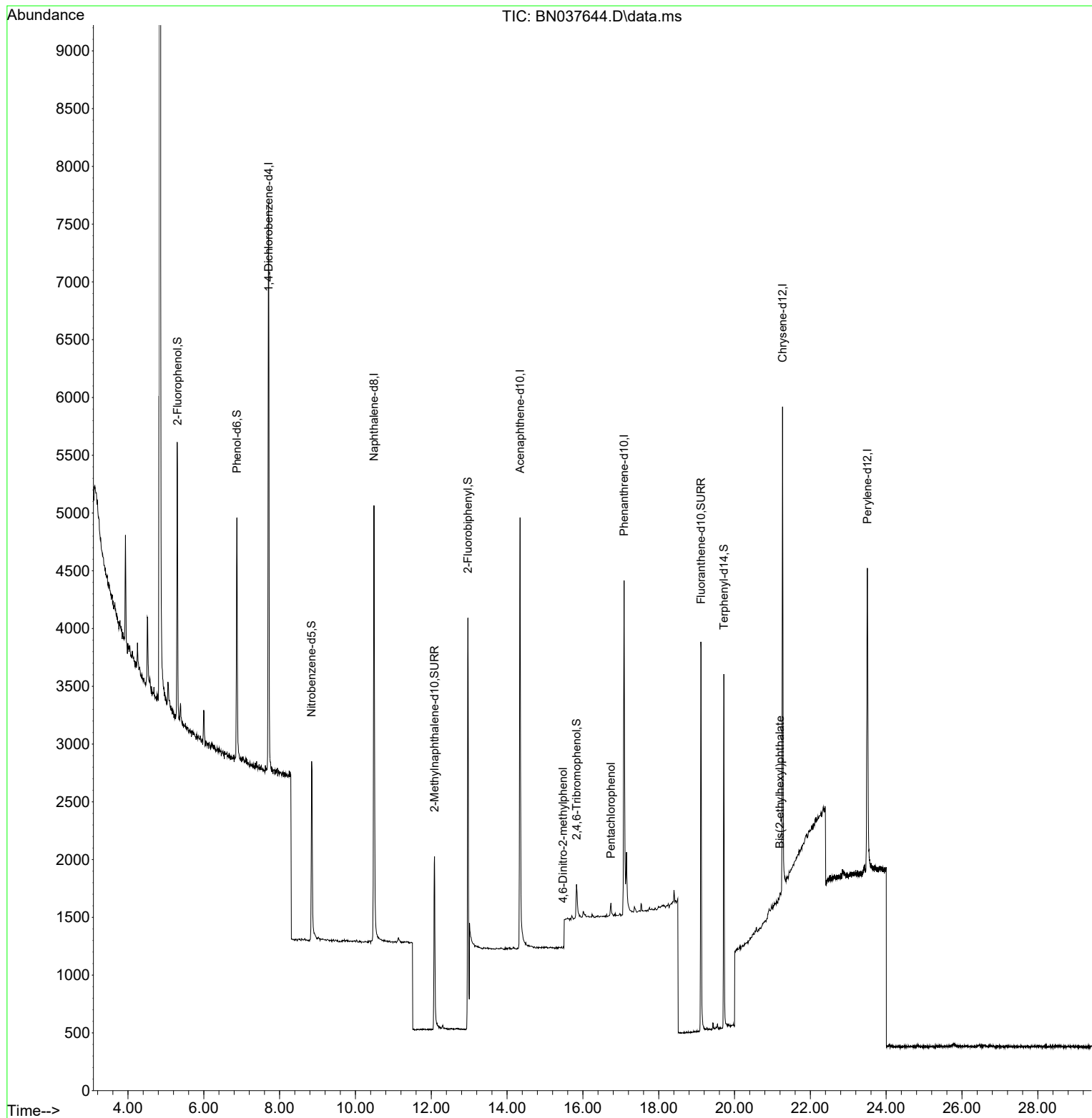
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2485	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	5465	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2393	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4871	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4006	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	3845	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1827	0.324	ng	0.00
5) Phenol-d6	6.872	99	2001	0.295	ng	0.00
8) Nitrobenzene-d5	8.843	82	1478	0.384	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	2355	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	253	0.242	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	5198	0.376	ng	-0.01
27) Fluoranthene-d10	19.118	212	4185	0.327	ng	0.00
31) Terphenyl-d14	19.717	244	3131	0.380	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.478	198	2	0.183	ng	# 1
24) Pentachlorophenol	16.739	266	75	0.049	ng	92
34) Bis(2-ethylhexyl)phtha...	21.196	149	119	0.022	ng	# 85

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

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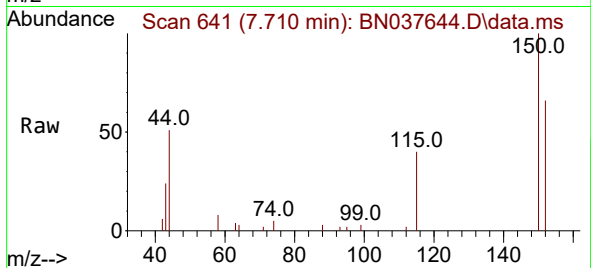
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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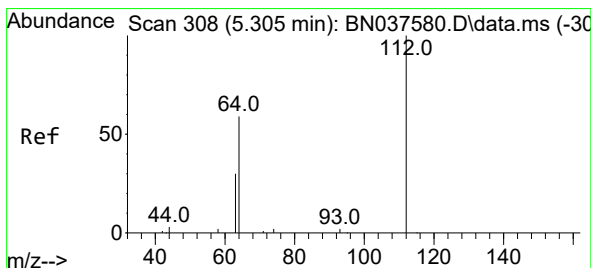
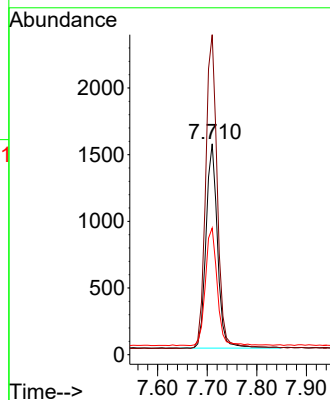
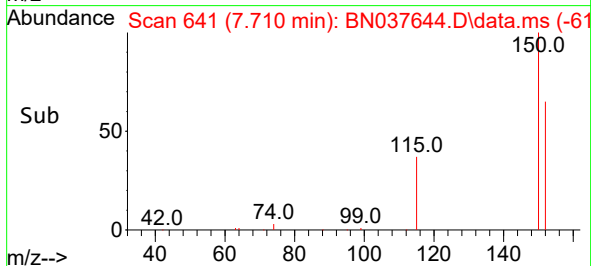


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Instrument :
BNA_N
ClientSampleId :

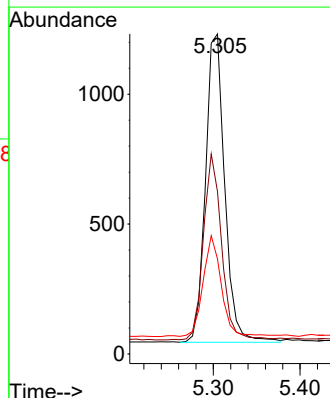
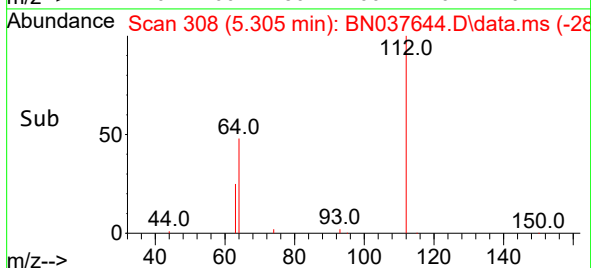
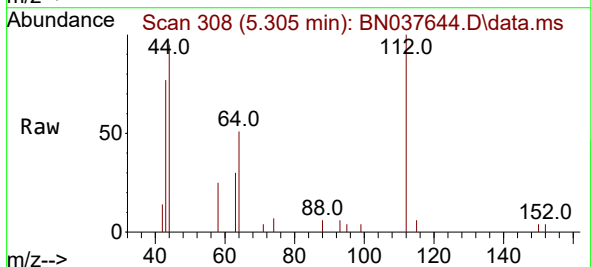


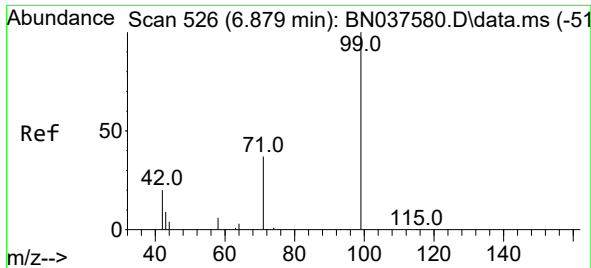
Tgt Ion:152 Resp: 2485
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 60.1 49.8 74.6



#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Tgt Ion:112 Resp: 1827
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 31.6 23.4 35.2

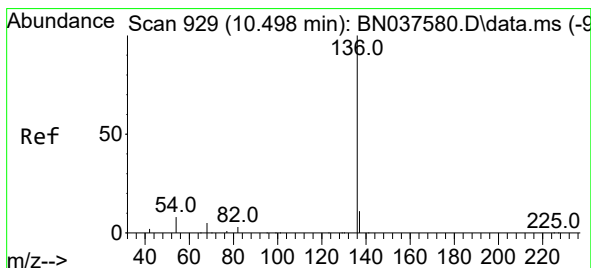
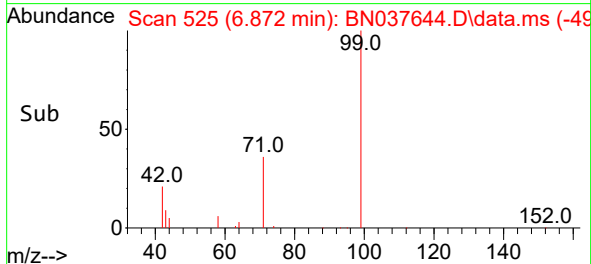
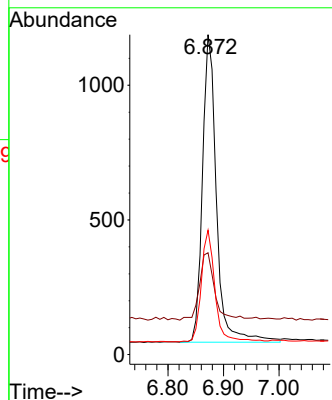
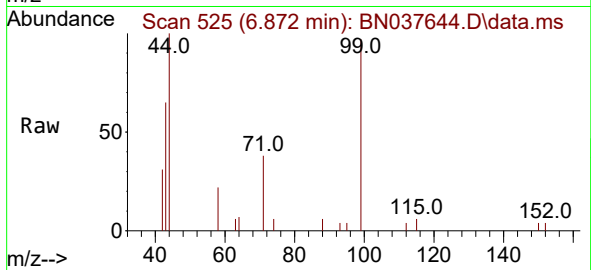




#5
Phenol-d6
Concen: 0.295 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

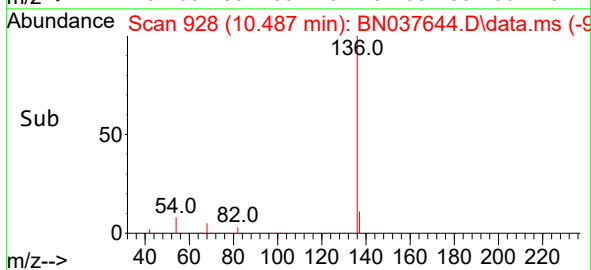
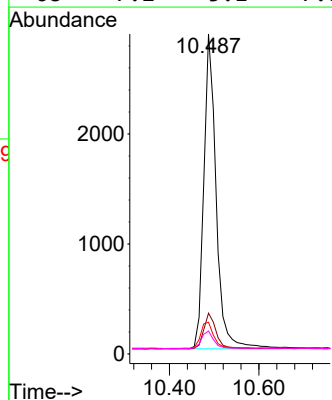
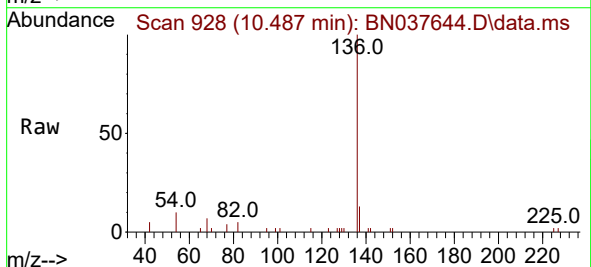
Instrument :
BNA_N
ClientSampleId :

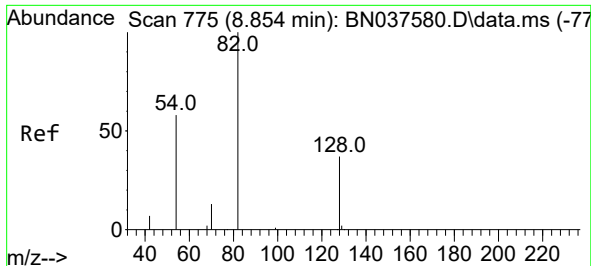
Tgt Ion:	99	Resp:	2001
Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	35.0	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.011 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

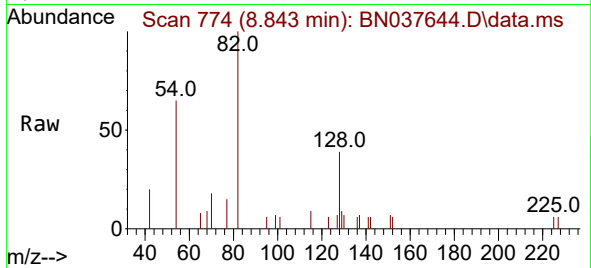
Tgt Ion:	136	Resp:	5465
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	9.9	7.3	10.9
68	7.2	5.1	7.7



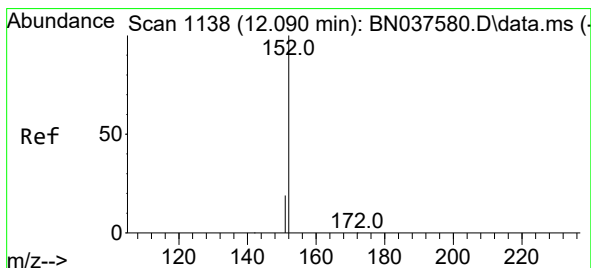
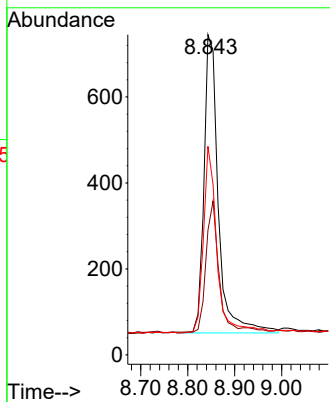
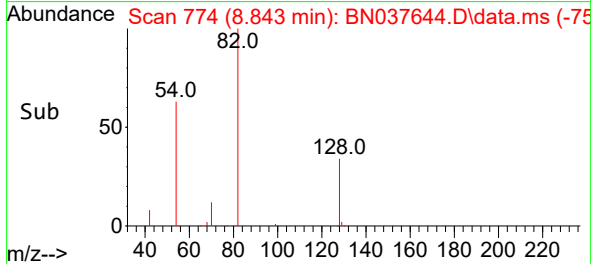


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.843 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Instrument :
BNA_N
ClientSampleId :

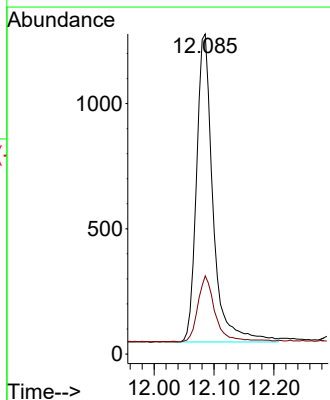
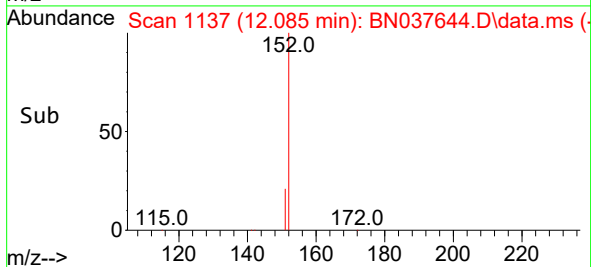
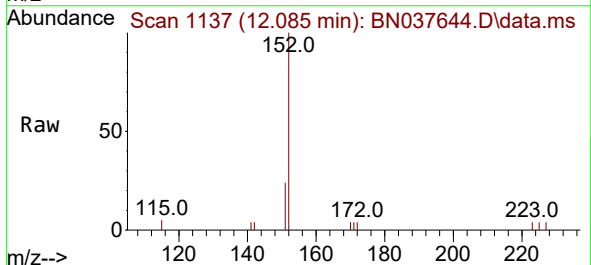


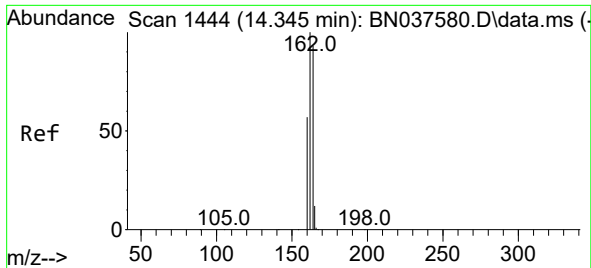
Tgt Ion: 82 Resp: 1478
Ion Ratio Lower Upper
82 100
128 38.9 32.6 48.8
54 65.1 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Tgt Ion: 152 Resp: 2355
Ion Ratio Lower Upper
152 100
151 22.5 17.3 25.9

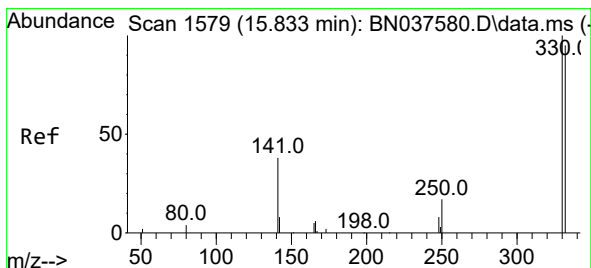
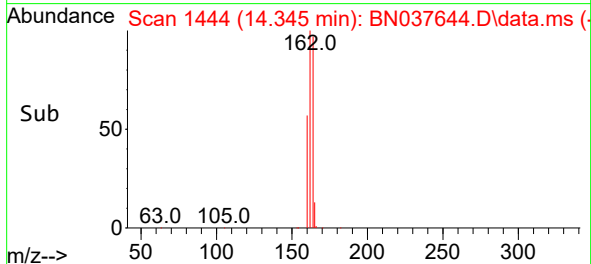
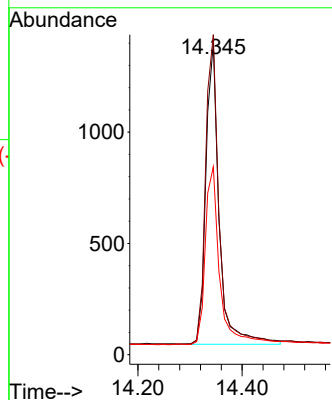
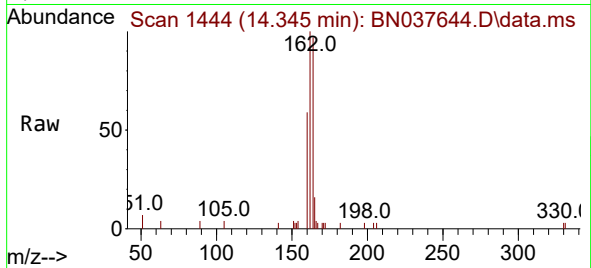




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

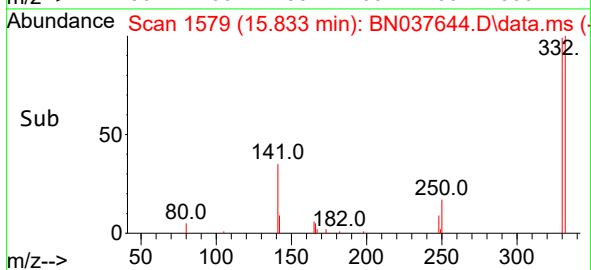
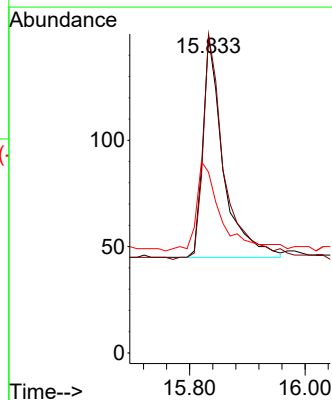
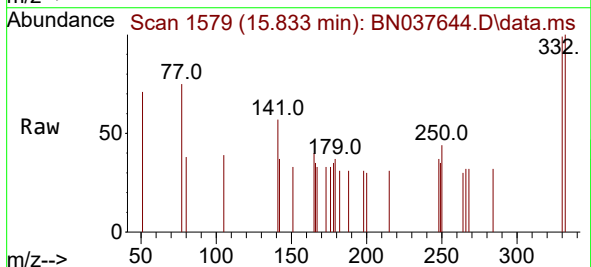
Instrument :
BNA_N
ClientSampleId :

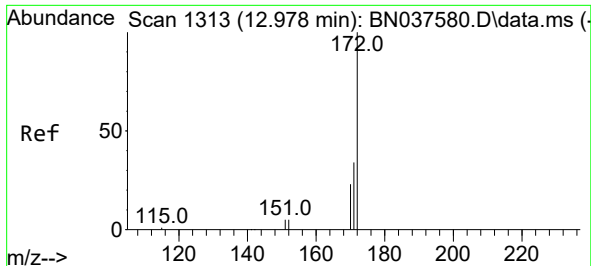
Tgt Ion:164 Resp: 2393
Ion Ratio Lower Upper
164 100
162 102.8 85.5 128.3
160 60.3 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

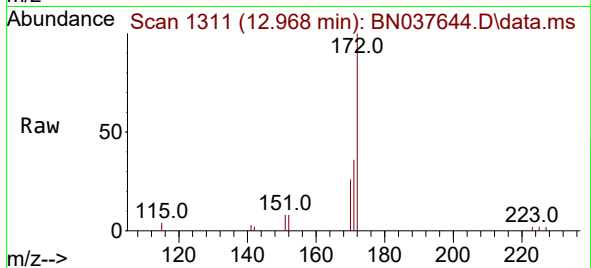
Tgt Ion:330 Resp: 253
Ion Ratio Lower Upper
330 100
332 108.3 77.4 116.0
141 49.0 30.9 46.3#



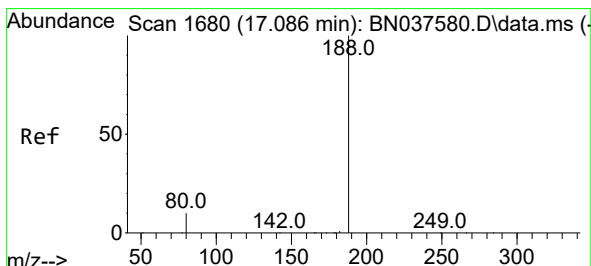
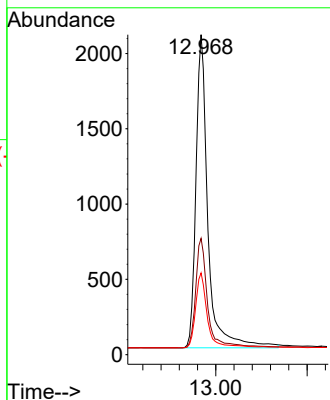
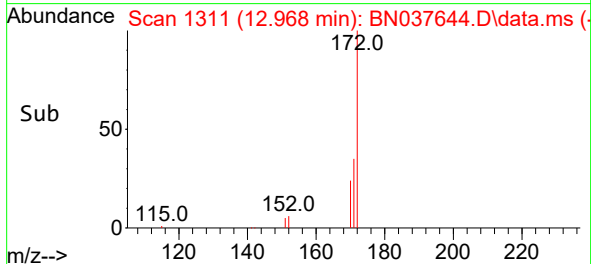


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Instrument :
BNA_N
ClientSampleId :

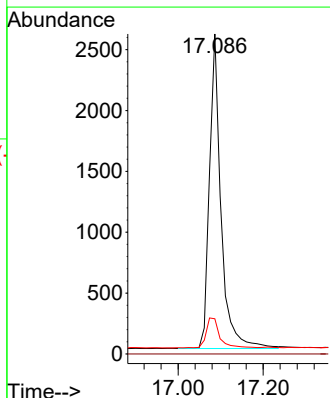
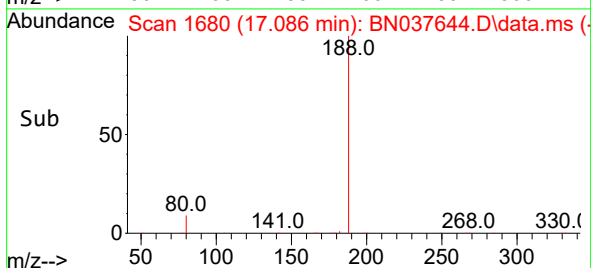
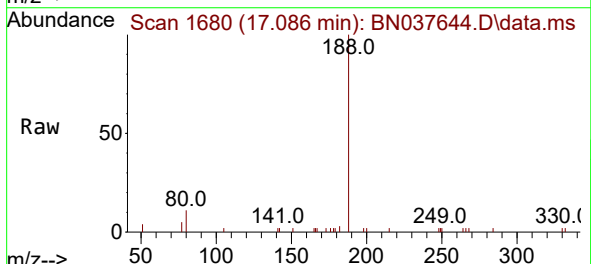


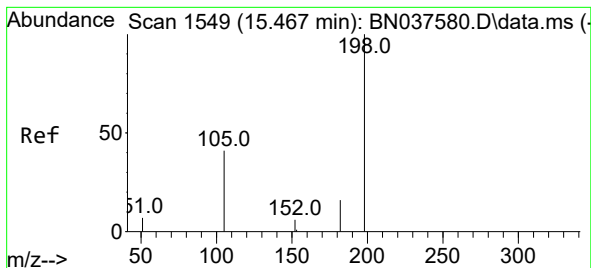
Tgt Ion:172 Resp: 5198
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 25.6 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Tgt Ion:188 Resp: 4871
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.1 13.7

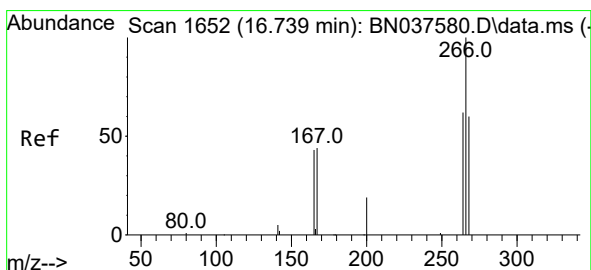
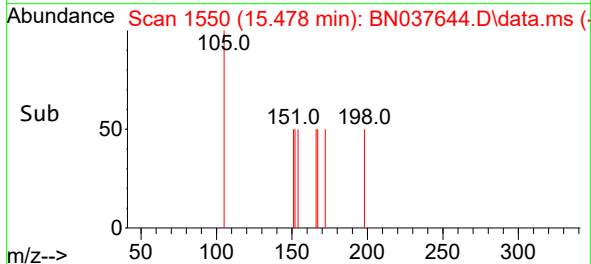
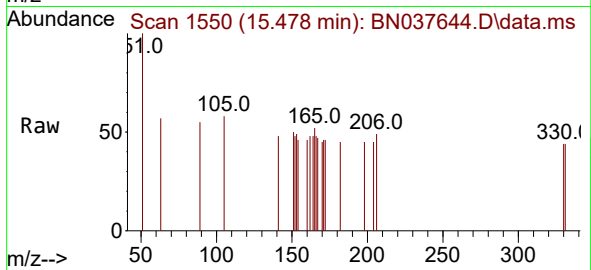




#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.011 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

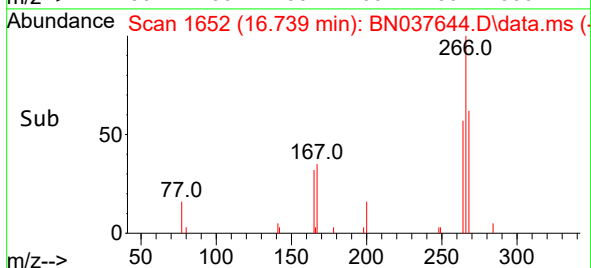
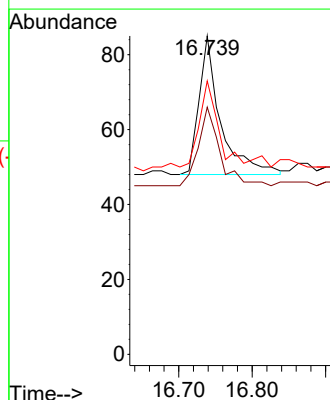
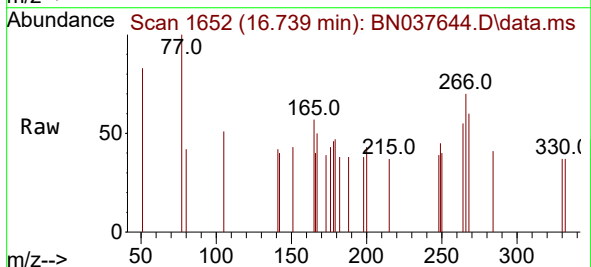
Instrument :
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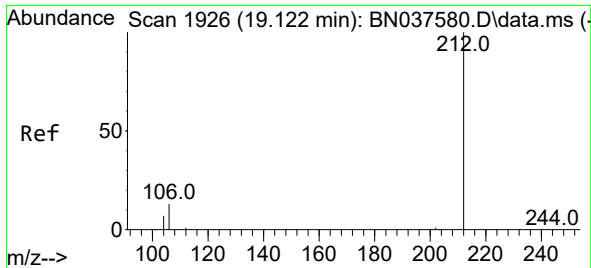
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 223.9 81.0 121.6#
105 130.4 52.5 78.7#



#24
Pentachlorophenol
Concen: 0.049 ng
RT: 16.739 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

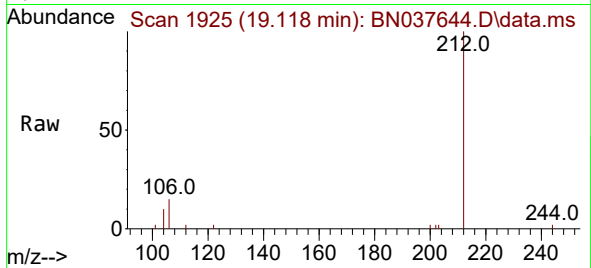
Tgt Ion:266 Resp: 75
Ion Ratio Lower Upper
266 100
264 56.0 49.6 74.4
268 68.0 49.2 73.8



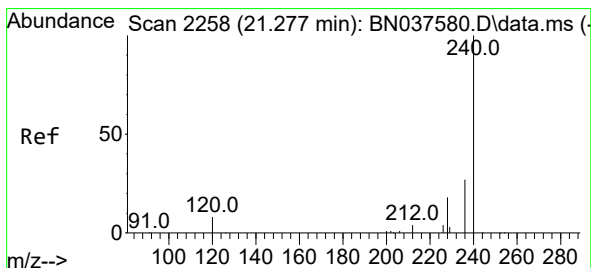
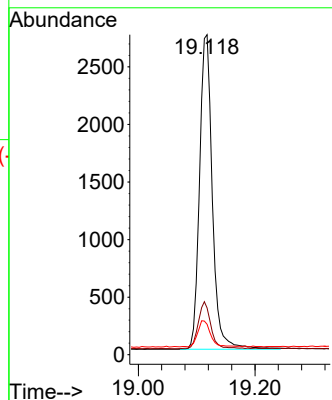
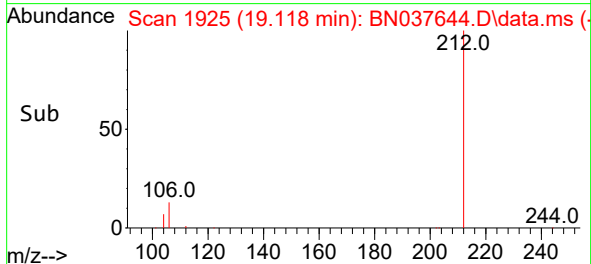


#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Instrument :
BNA_N
ClientSampleId :

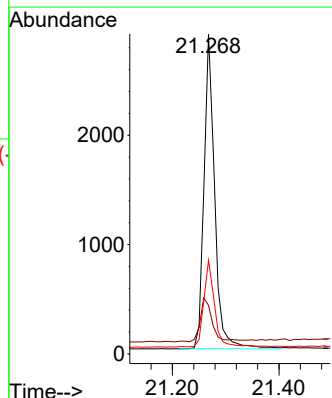
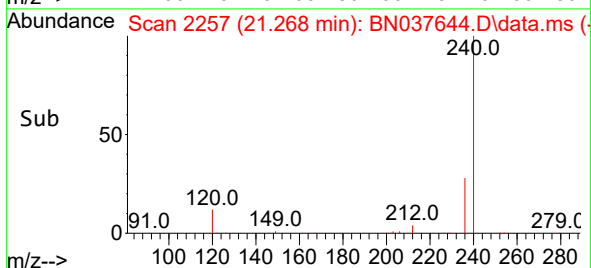
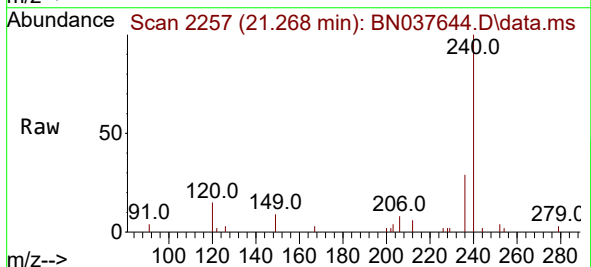


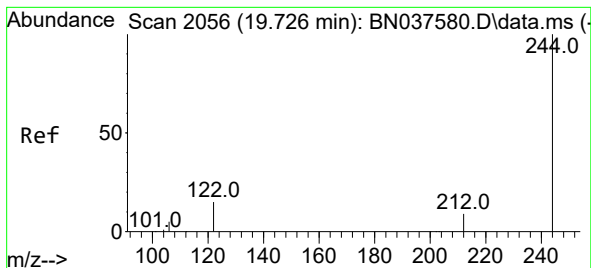
Tgt Ion:212 Resp: 4185
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Tgt Ion:240 Resp: 4006
Ion Ratio Lower Upper
240 100
120 15.2 8.9 13.3#
236 29.3 22.6 33.8





#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.717 min Scan# 2056

Delta R.T. -0.009 min

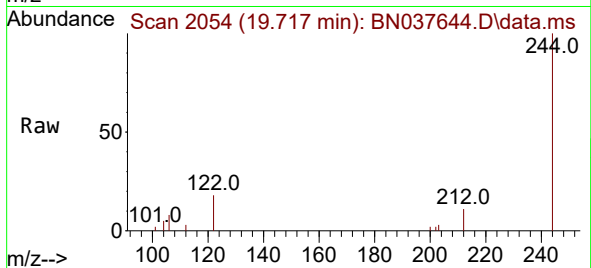
Lab File: BN037644.D

Acq: 21 Aug 2025 11:09

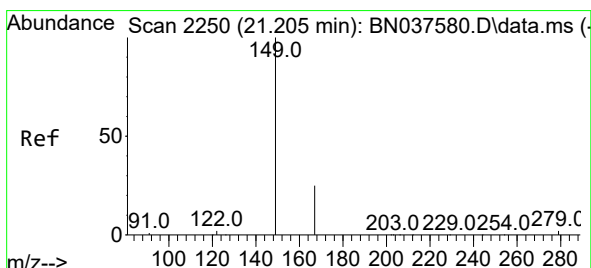
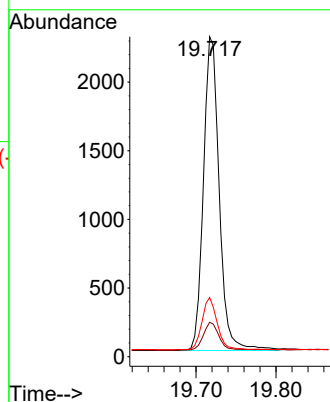
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:244	Resp:	3131
Ion Ratio	Lower	Upper
244	100	
212	10.8	8.2 12.2
122	18.5	13.2 19.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

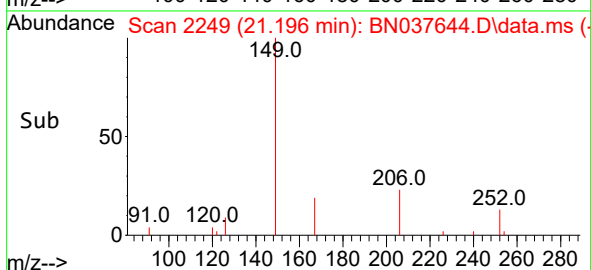
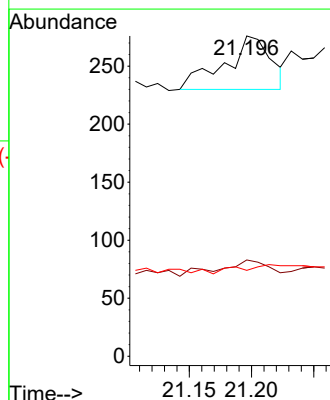
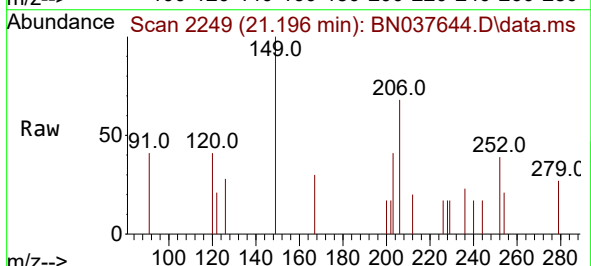
RT: 21.196 min Scan# 2249

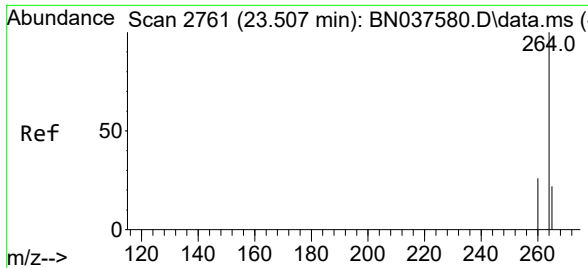
Delta R.T. -0.009 min

Lab File: BN037644.D

Acq: 21 Aug 2025 11:09

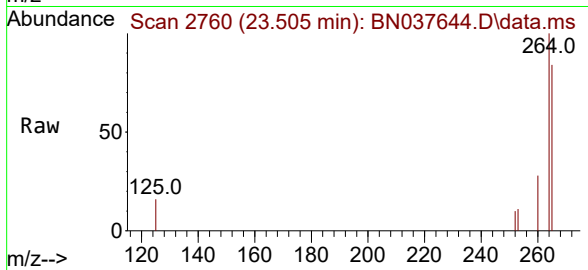
Tgt Ion:149	Resp:	119
Ion Ratio	Lower	Upper
149	100	
167	17.6	20.5 30.7#
279	6.7	2.6 4.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037644.D
Acq: 21 Aug 2025 11:09

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3845
Ion Ratio Lower Upper
264 100
260 27.7 21.6 32.4
265 83.5 48.2 72.4#

