

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139395.D
 Acq On : 17 Sep 2024 11:36
 Operator : RC/JU
 Sample : PB163307TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163307TB

Quant Time: Sep 17 12:01:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

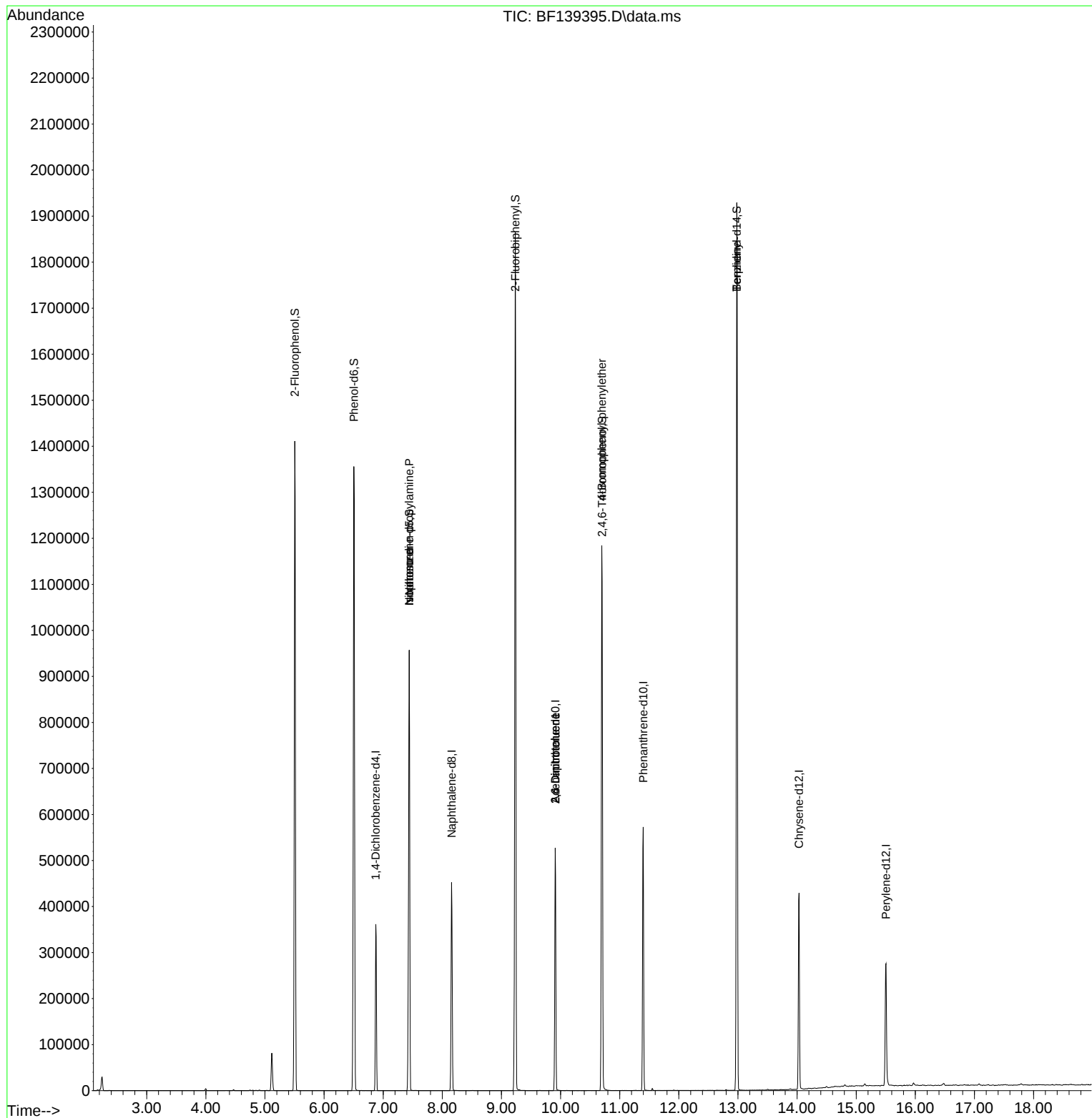
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68273	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264273	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	154874	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	297313	20.000	ng	0.00
76) Chrysene-d12	14.033	240	203874	20.000	ng	0.00
86) Perylene-d12	15.504	264	161018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460149	109.950	ng	0.01
7) Phenol-d6	6.504	99	596141	108.524	ng	0.00
23) Nitrobenzene-d5	7.439	82	420993	74.890	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	183683	111.403	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	807547	73.130	ng	0.00
79) Terphenyl-d14	12.980	244	933268	75.137	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	58898	18.094	ng	# 76
25) Isophorone	7.439	82	419695	47.208	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19741	8.766	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19741	6.493	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	12397	4.208	ng	# 1
77) Benzidine	12.980	184	13536	4.634	ng	# 91

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

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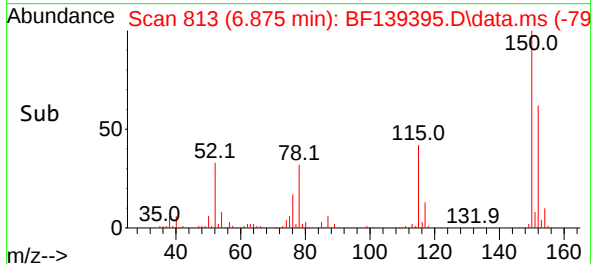
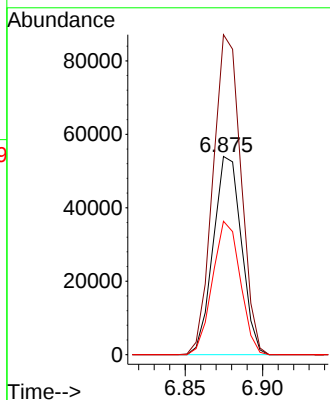
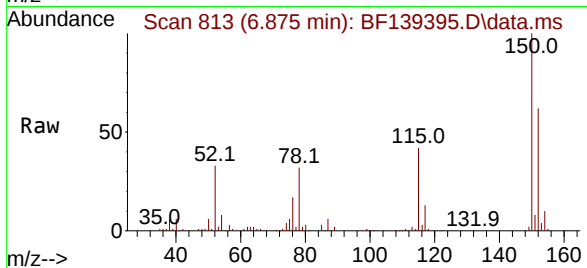




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

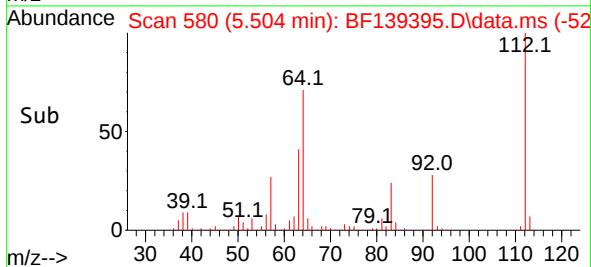
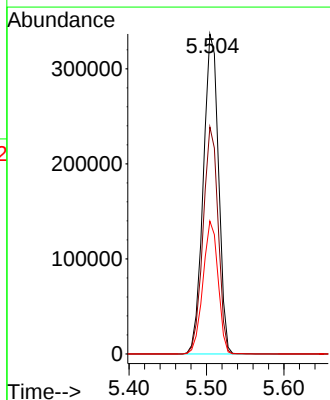
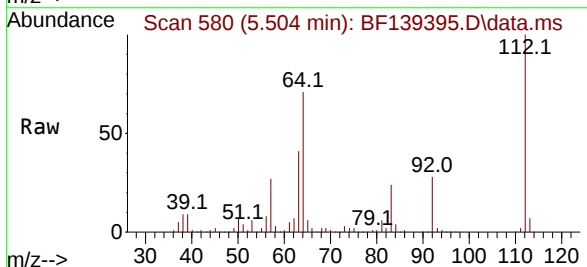
Instrument :
BNA_F
ClientSampleId :
PB163307TB

Tgt Ion:152 Resp: 68273
Ion Ratio Lower Upper
152 100
150 161.4 124.1 186.1
115 67.3 48.1 72.1



#5
2-Fluorophenol
Concen: 109.950 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion:112 Resp: 460149
Ion Ratio Lower Upper
112 100
64 71.0 54.8 82.2
63 41.5 33.0 49.4

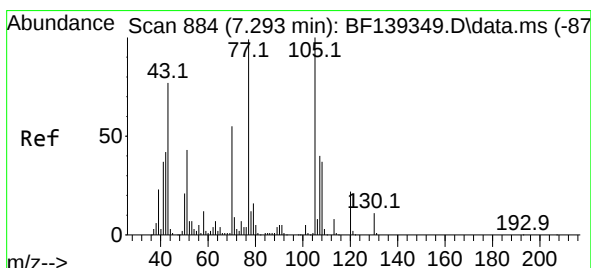
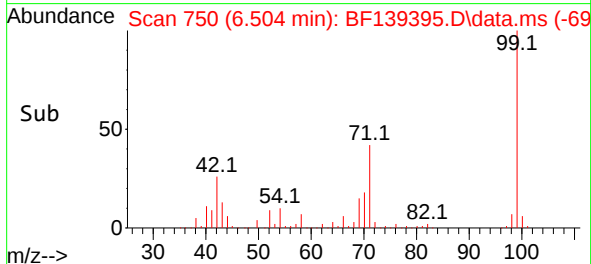
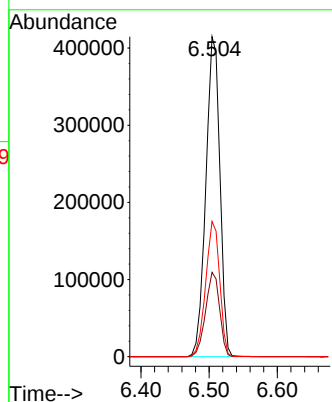
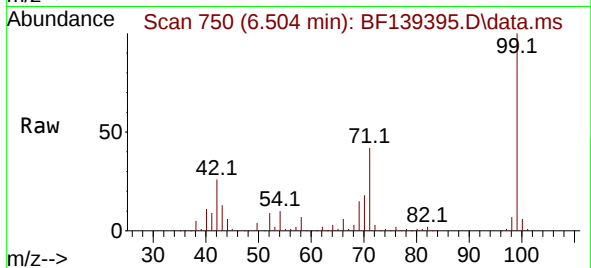




#7
Phenol-d6
Concen: 108.524 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

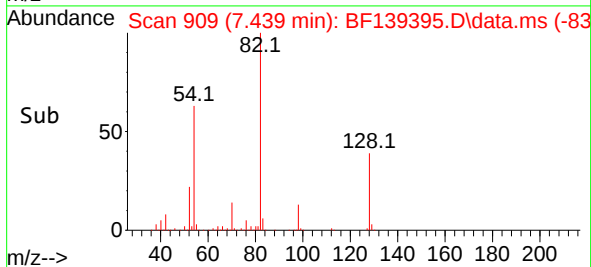
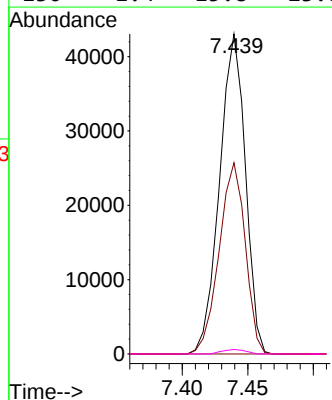
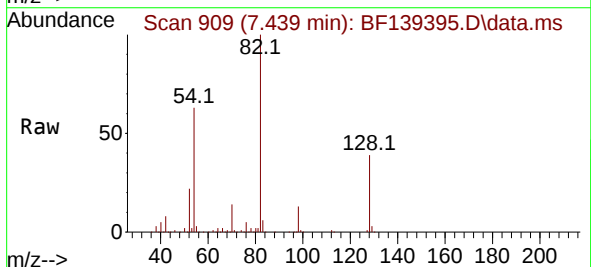
Instrument :
BNA_F
ClientSampleId :
PB163307TB

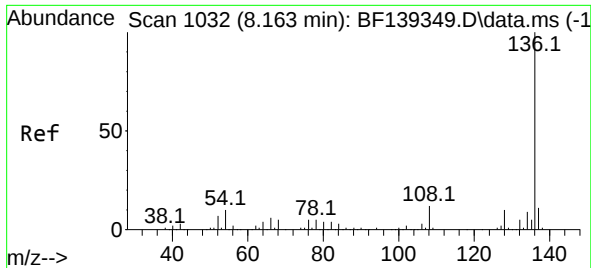
Tgt Ion: 99 Resp: 596141
Ion Ratio Lower Upper
99 100
42 26.3 21.9 32.9
71 42.2 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.094 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion: 70 Resp: 58898
Ion Ratio Lower Upper
70 100
42 59.8 61.2 91.8#
101 0.0 7.5 11.3#
130 1.4 15.8 23.8#





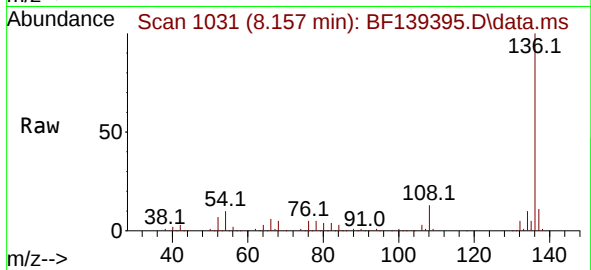
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

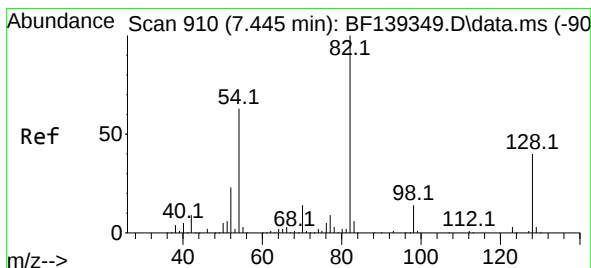
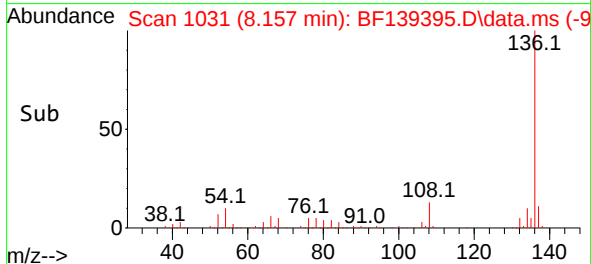
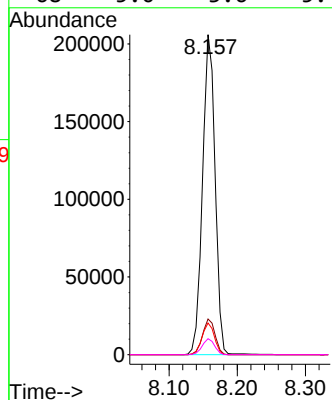
ClientSampleId :

PB163307TB



Tgt Ion:136 Resp: 264273

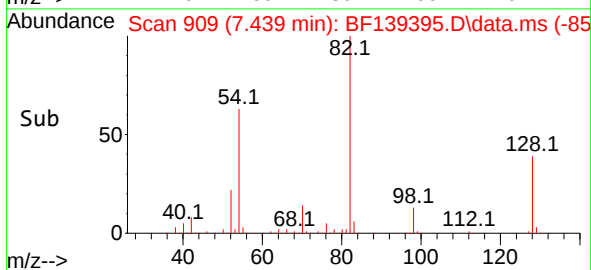
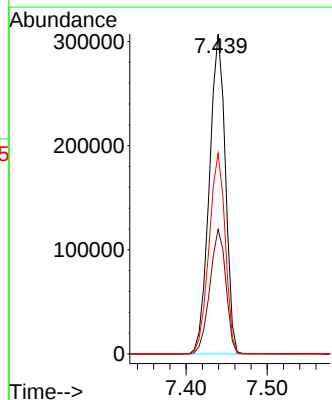
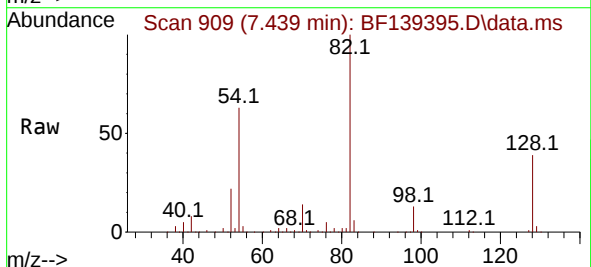
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.9	7.8	11.8
68	5.0	3.6	5.4



#23
Nitrobenzene-d5
Concen: 74.890 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion: 82 Resp: 420993

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.8	47.6
54	62.6	50.6	75.8

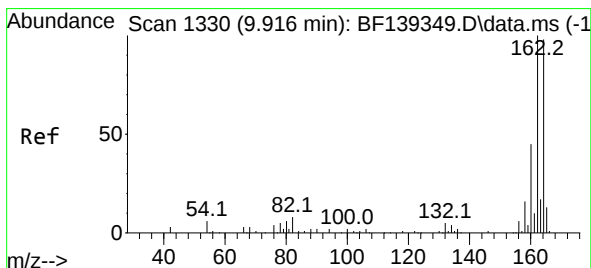
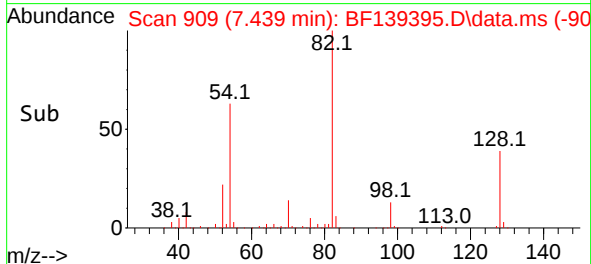
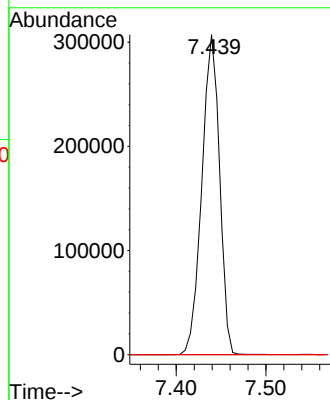
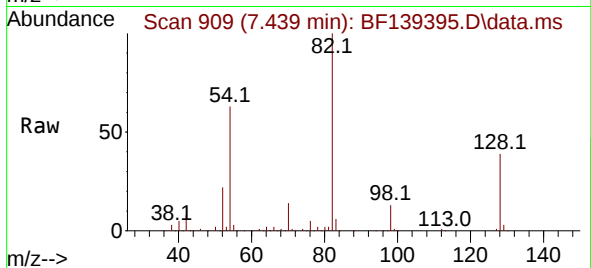




#25
Isophorone
Concen: 47.208 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

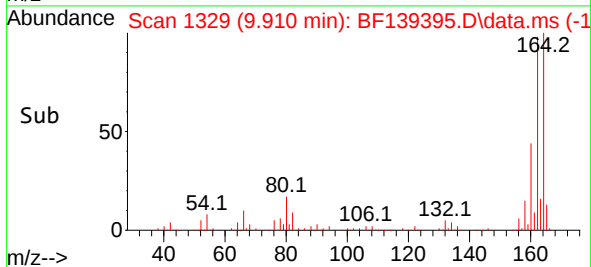
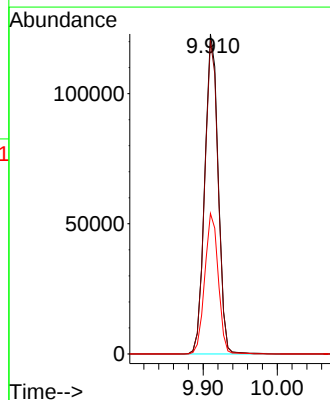
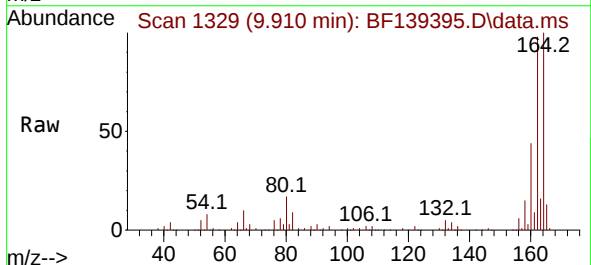
Instrument :
BNA_F
ClientSampleId :
PB163307TB

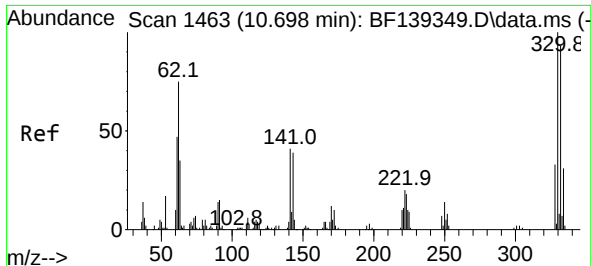
Tgt Ion: 82 Resp: 419695
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

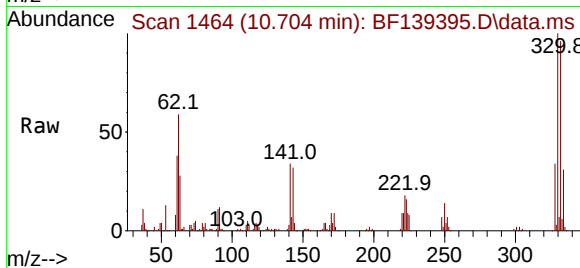
Tgt Ion:164 Resp: 154874
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 43.9 36.4 54.6



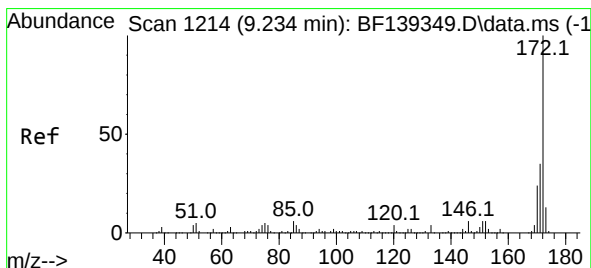
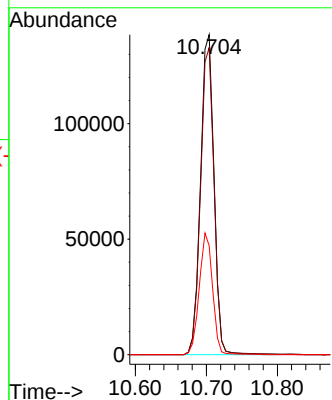
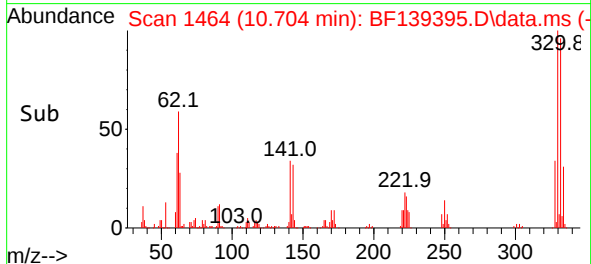


#42
2,4,6-Tribromophenol
Concen: 111.403 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Instrument :
BNA_F
ClientSampleId :
PB163307TB

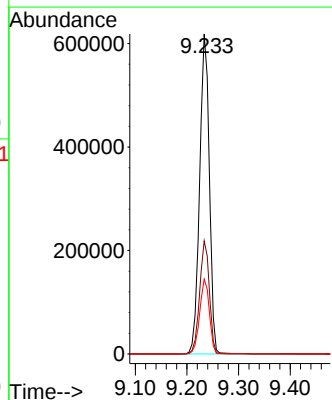
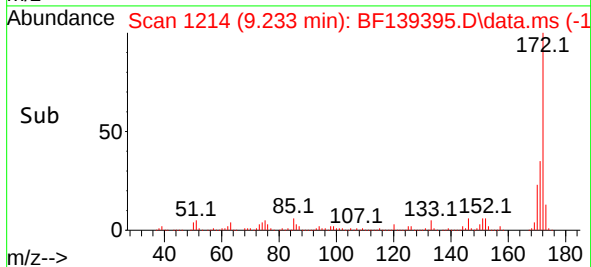
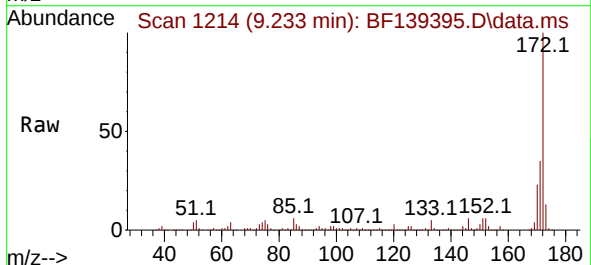


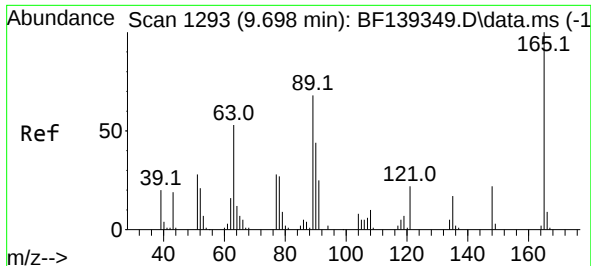
Tgt Ion:330 Resp: 183683
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 37.5 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 73.130 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion:172 Resp: 807547
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.6

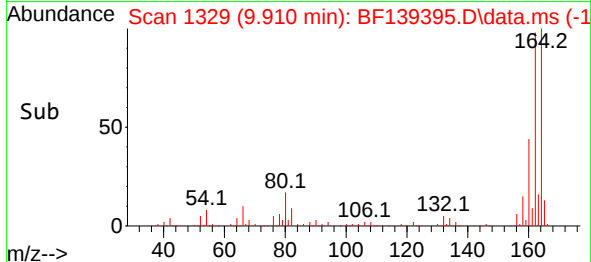
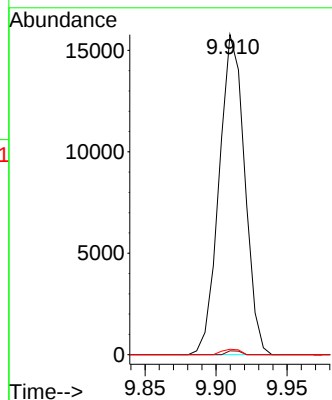
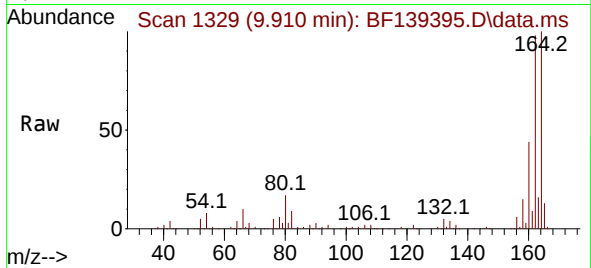




#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

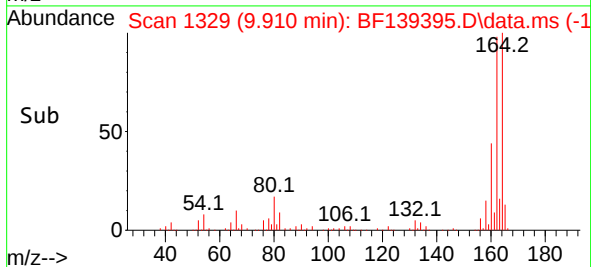
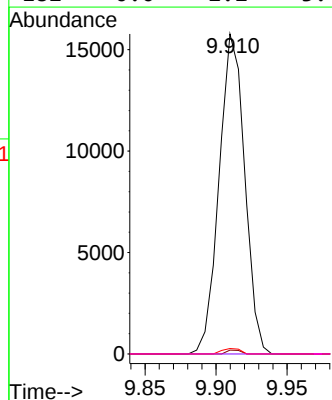
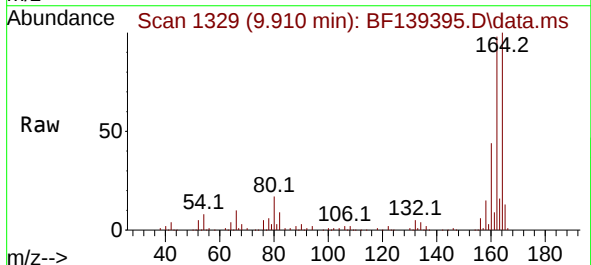
Instrument :
BNA_F
ClientSampleId :
PB163307TB

Tgt Ion:165 Resp: 19741
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.7 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.493 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139395.D
Acq: 17 Sep 2024 11:36

Tgt Ion:165 Resp: 19741
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.7 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB

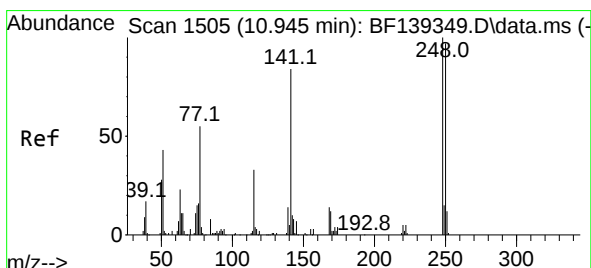
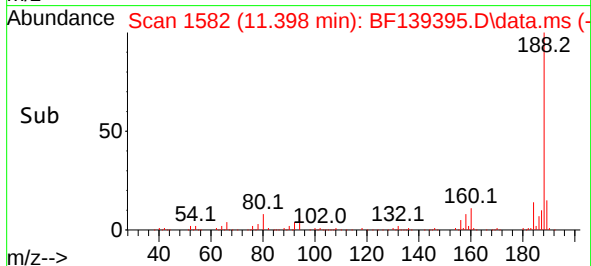
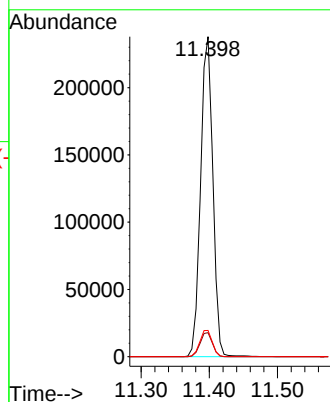
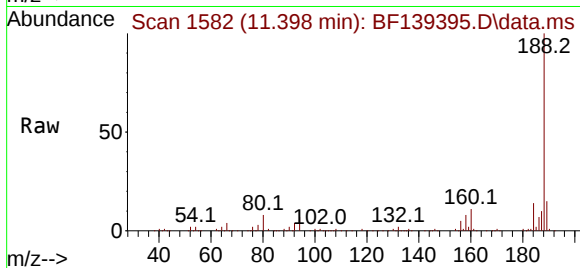
Tgt Ion:188 Resp: 297313

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 8.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.208 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

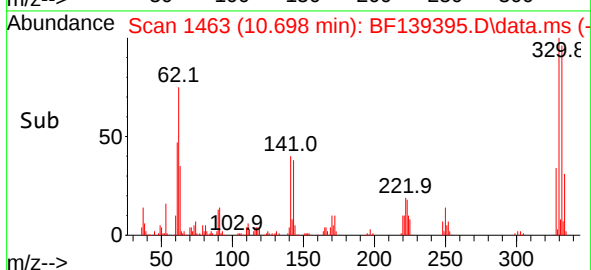
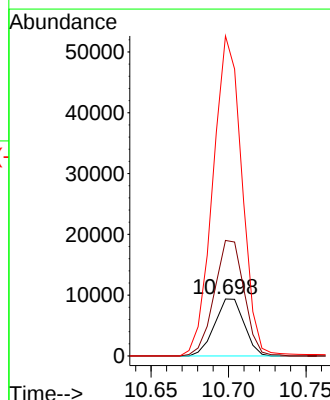
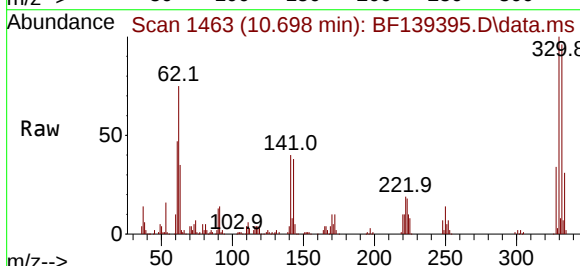
Tgt Ion:248 Resp: 12397

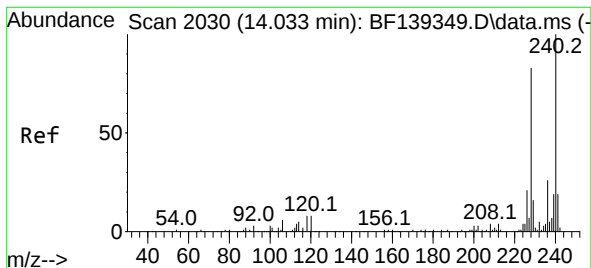
Ion Ratio Lower Upper

248 100

250 202.9 77.6 116.4#

141 562.3 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB

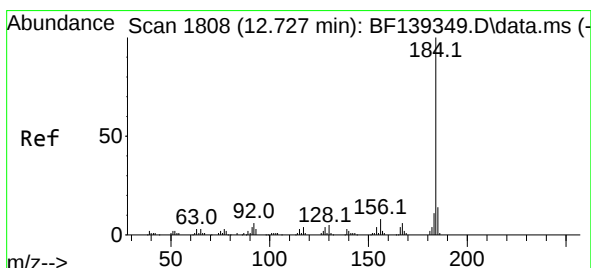
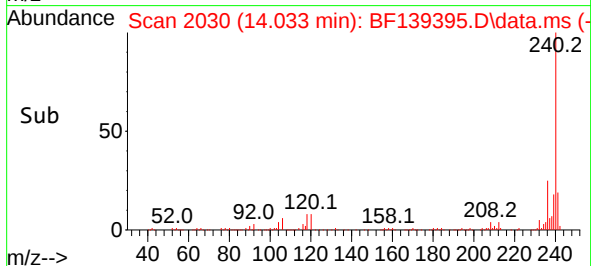
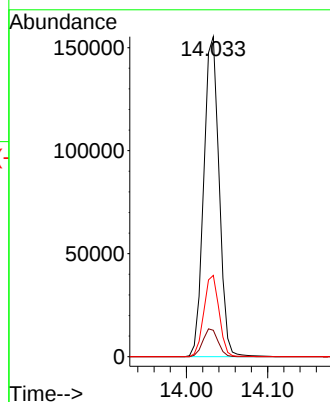
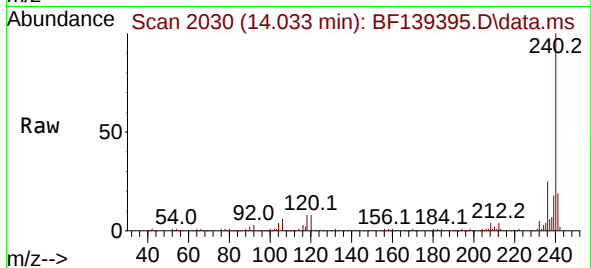
Tgt Ion:240 Resp: 203874

Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.2

236 25.4 20.9 31.3



#77

Benzidine

Concen: 4.634 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

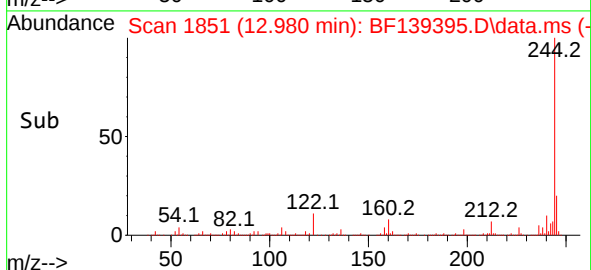
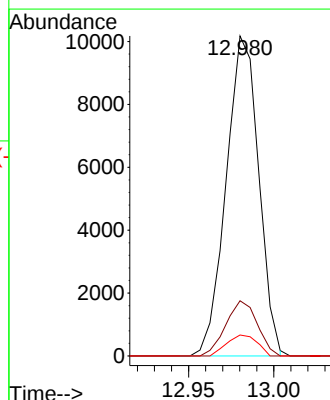
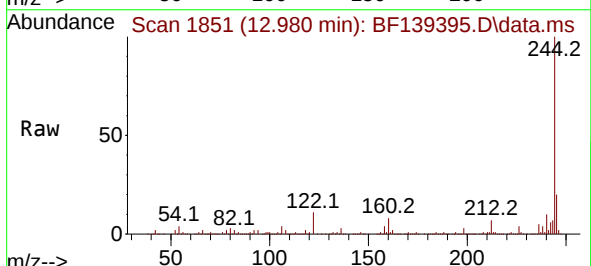
Tgt Ion:184 Resp: 13536

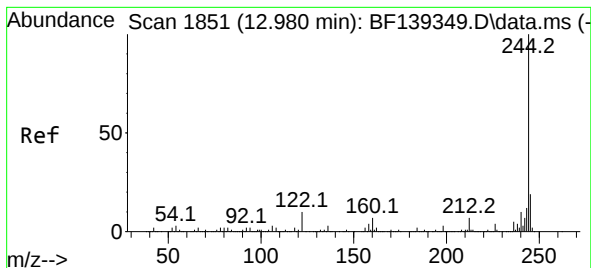
Ion Ratio Lower Upper

184 100

185 17.3 11.5 17.3

183 6.5 8.9 13.3#





#79

Terphenyl-d14

Concen: 75.137 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139395.D

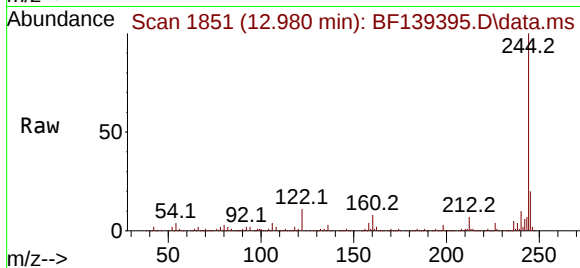
Acq: 17 Sep 2024 11:36

Instrument :

BNA_F

ClientSampleId :

PB163307TB



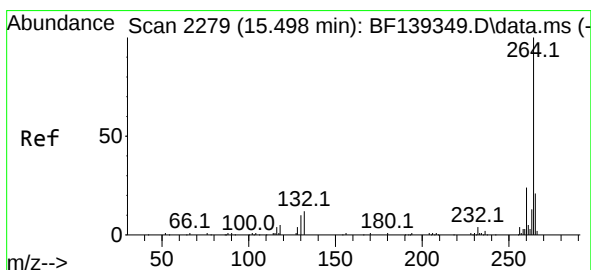
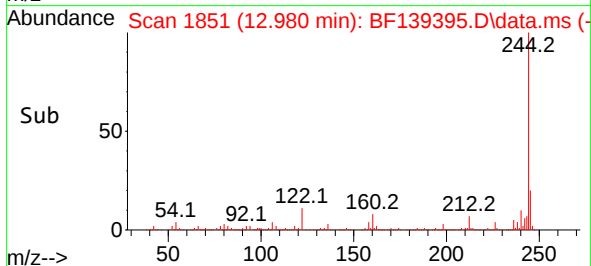
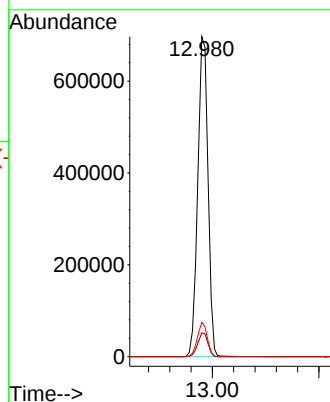
Tgt Ion:244 Resp: 933268

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139395.D

Acq: 17 Sep 2024 11:36

Tgt Ion:264 Resp: 161018

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.4 16.6 25.0

