

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135886.D
 Acq On : 19 Oct 2023 15:04
 Operator : CG\JU
 Sample : 04788-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2

Quant Time: Oct 20 01:45:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

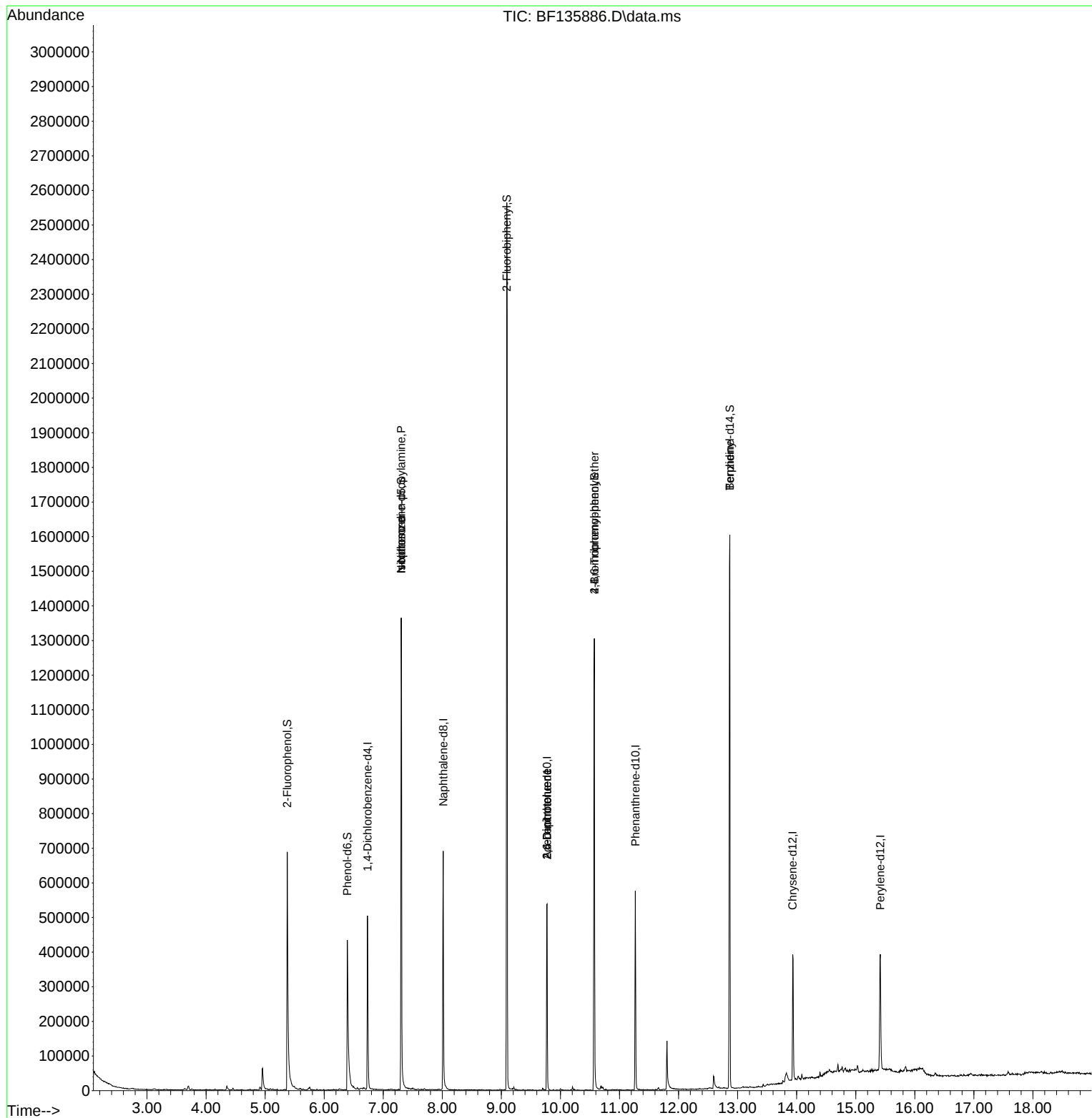
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	71380	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	294010	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	115134	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	204644	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	138387	20.000	ng	-0.02
86) Perylene-d12	15.415	264	171419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	241460	54.386	ng	0.00
7) Phenol-d6	6.392	99	198727	35.874	ng	0.00
23) Nitrobenzene-d5	7.304	82	426274	79.741	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	158971	143.891	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	794291	107.864	ng	-0.01
79) Terphenyl-d14	12.868	244	596571	79.834	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	57513	16.791	ng	# 75
25) Isophorone	7.304	82	426274	42.268	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	15019	8.986	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	15019	7.063	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	10098	4.916	ng	# 1
77) Benzidine	12.868	184	7463	2.471	ng	# 92

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

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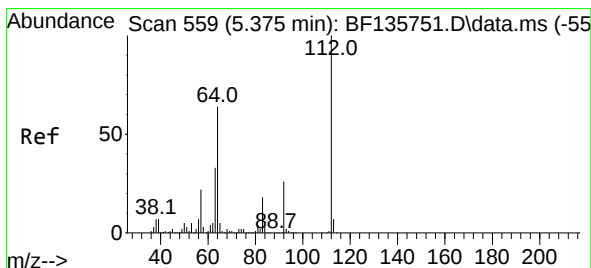
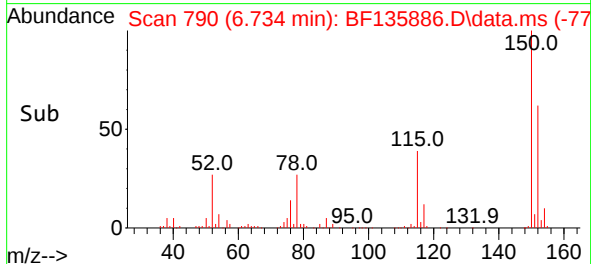
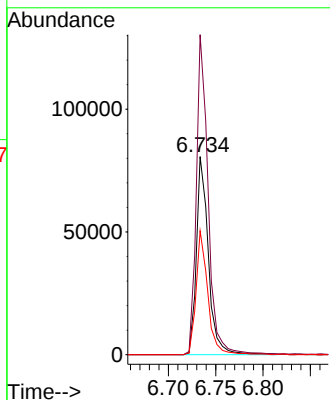
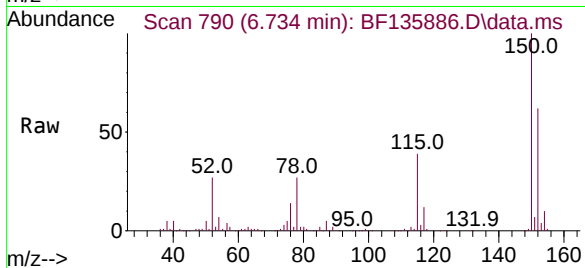




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

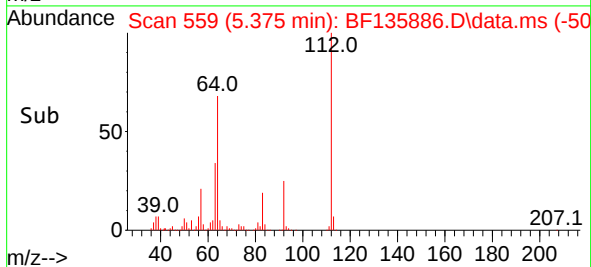
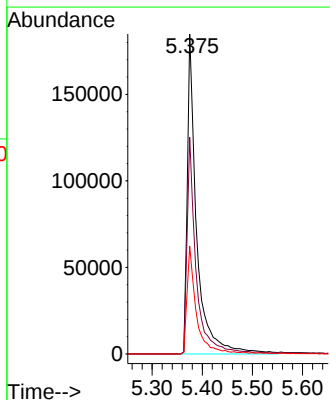
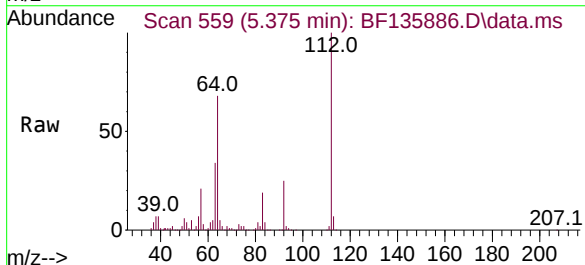
Instrument :
BNA_F
ClientSampleId :
PMW-2

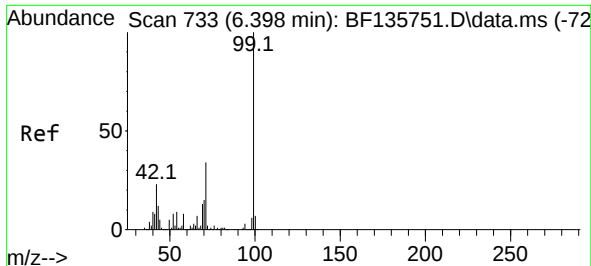
Tgt Ion:152 Resp: 71380
Ion Ratio Lower Upper
152 100
150 161.5 124.5 186.7
115 62.5 49.0 73.4



#5
2-Fluorophenol
Concen: 54.386 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Tgt Ion:112 Resp: 241460
Ion Ratio Lower Upper
112 100
64 67.7 51.2 76.8
63 33.7 26.1 39.1

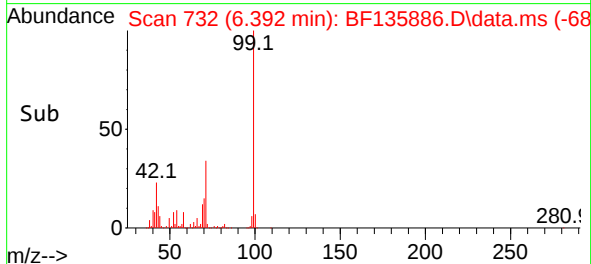
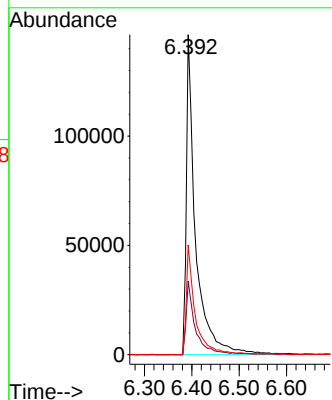
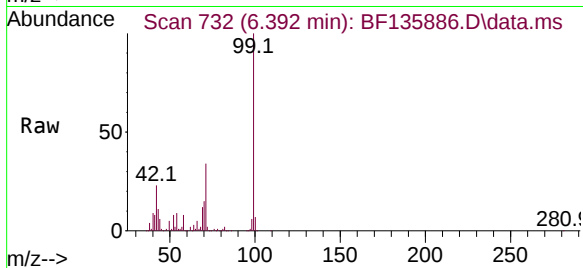




#7
Phenol-d6
Concen: 35.874 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

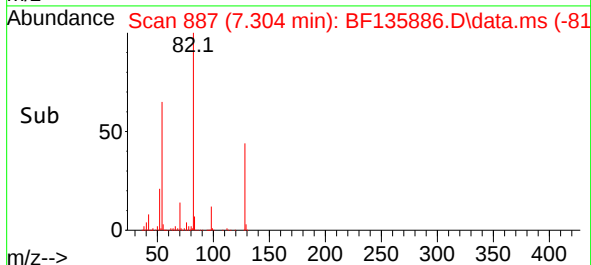
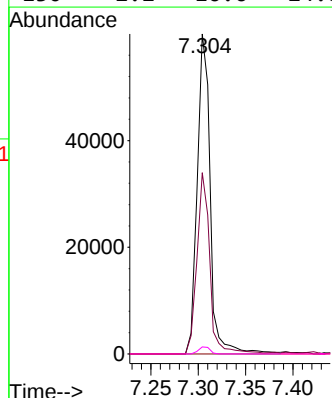
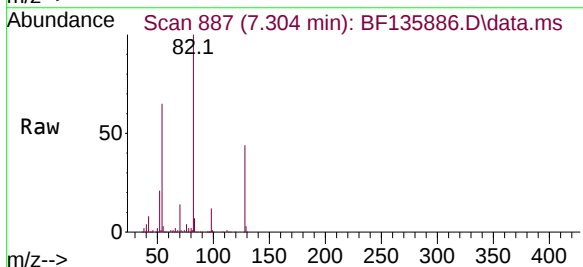
Instrument :
BNA_F
ClientSampleId :
PMW-2

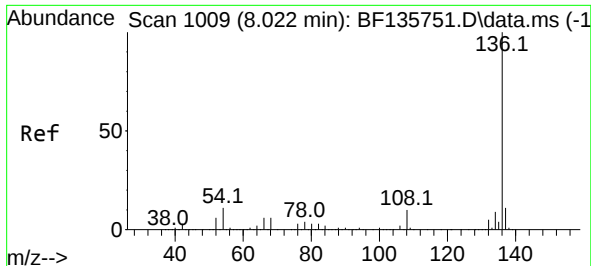
Tgt Ion: 99 Resp: 198727
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 34.3 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.791 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Tgt Ion: 70 Resp: 57513
Ion Ratio Lower Upper
70 100
42 56.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.2 16.6 24.8#



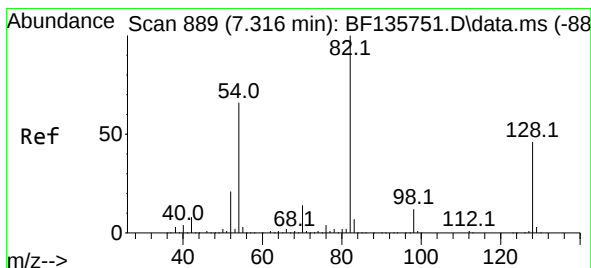
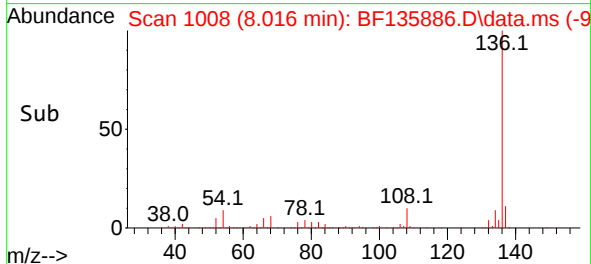
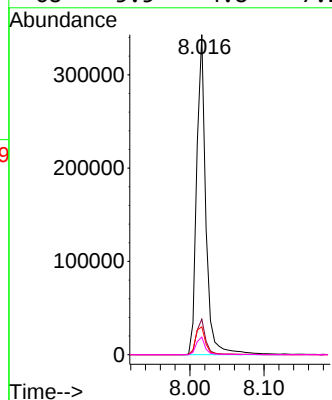
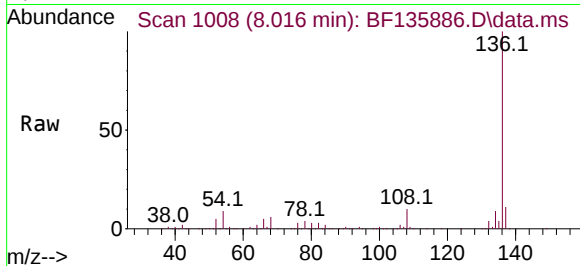


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:136 Resp: 294010

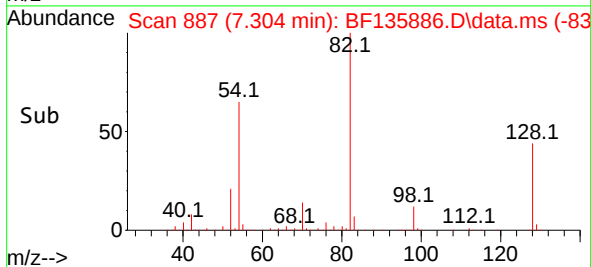
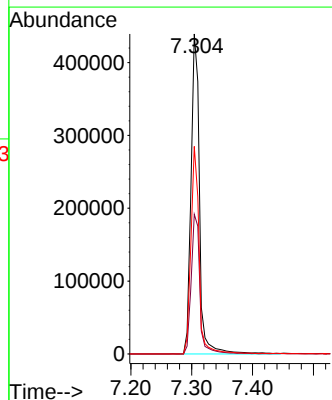
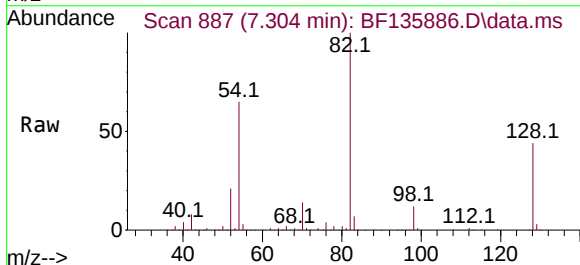
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.7	8.5	12.7
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 79.741 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Tgt Ion: 82 Resp: 426274

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.6
54	64.9	52.8	79.2

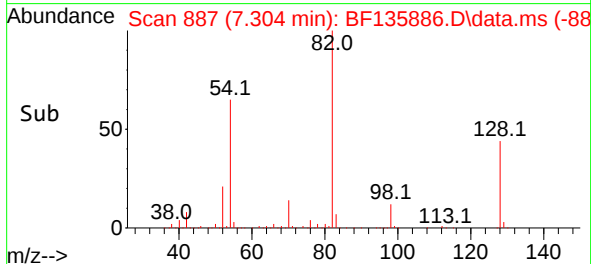
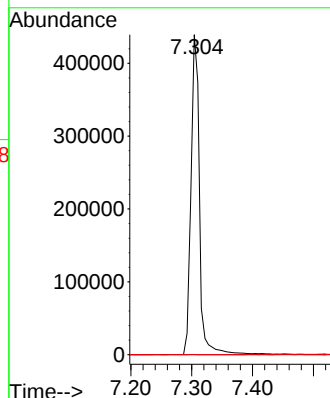
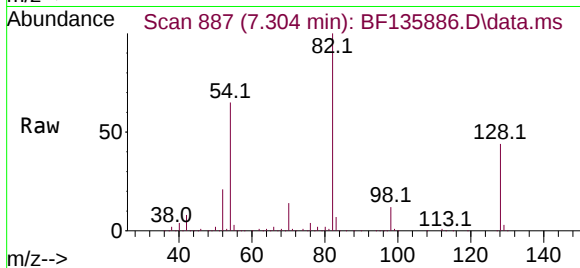




#25
Isophorone
Concen: 42.268 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

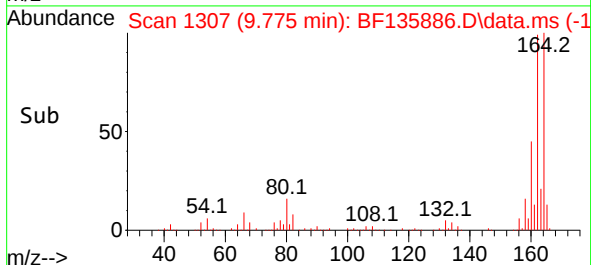
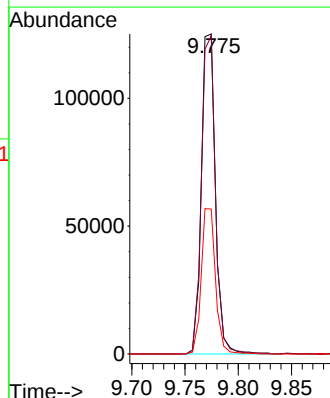
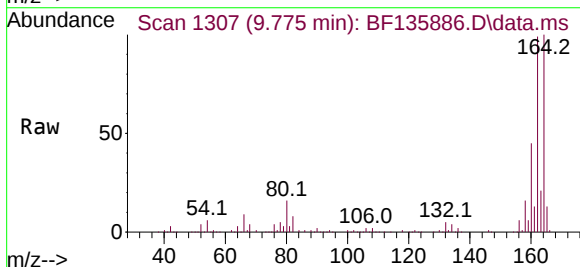
Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion: 82 Resp: 426274
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Tgt Ion:164 Resp: 115134
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 45.3 36.6 54.8

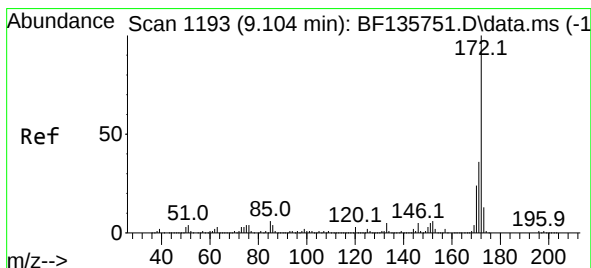
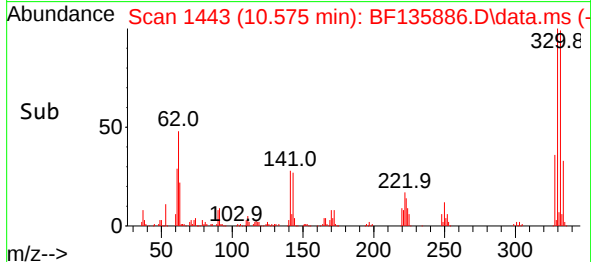
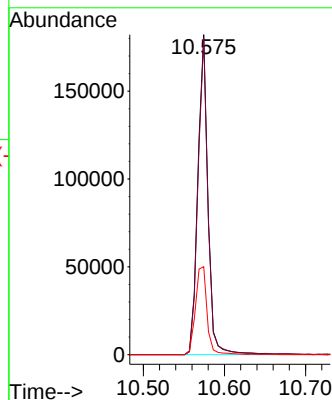
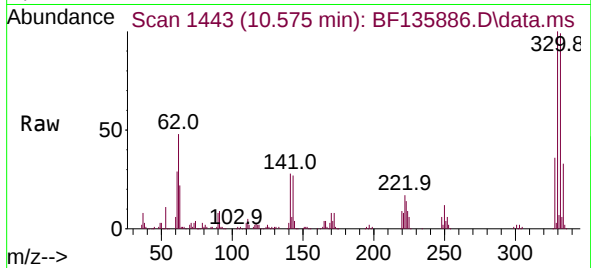




#42
2,4,6-Tribromophenol
Concen: 143.891 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

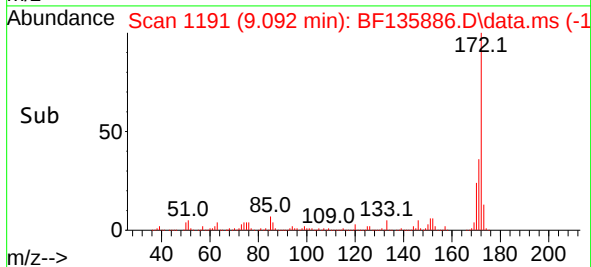
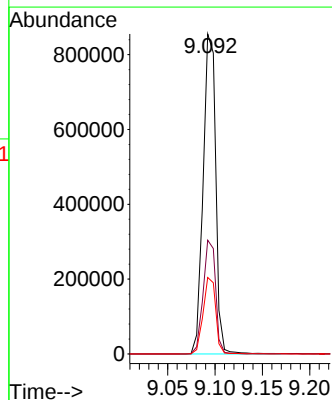
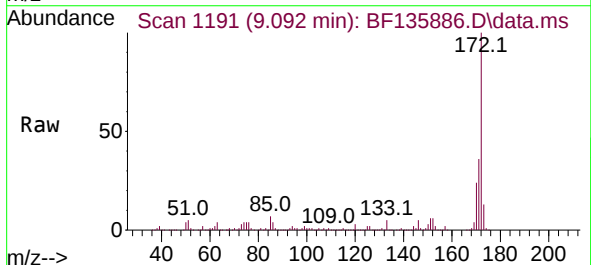
Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:330 Resp: 158971
Ion Ratio Lower Upper
330 100
332 98.0 75.0 112.4
141 31.5 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 107.864 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF135886.D
Acq: 19 Oct 2023 15:04

Tgt Ion:172 Resp: 794291
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.9 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.986 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PMW-2

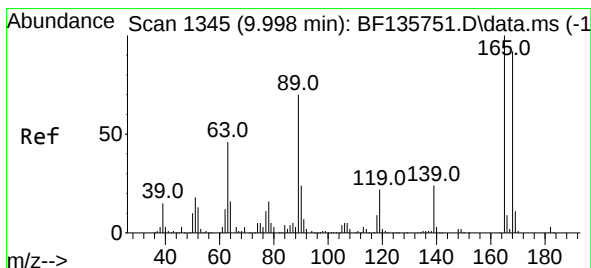
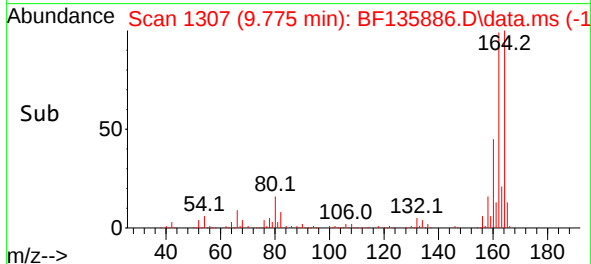
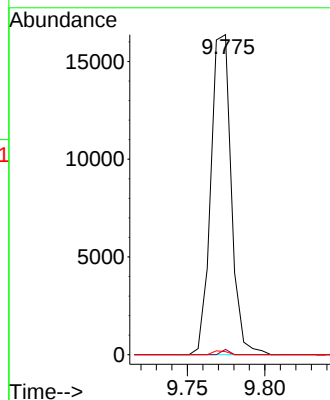
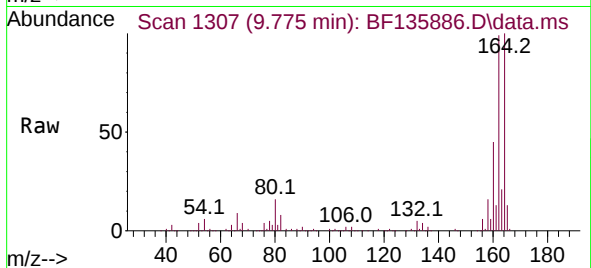
Tgt Ion:165 Resp: 15019

Ion Ratio Lower Upper

165 100

63 1.7 62.2 93.4#

89 0.9 49.6 74.4#



#57

2,4-Dinitrotoluene

Concen: 7.063 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.230 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

Tgt Ion:165 Resp: 15019

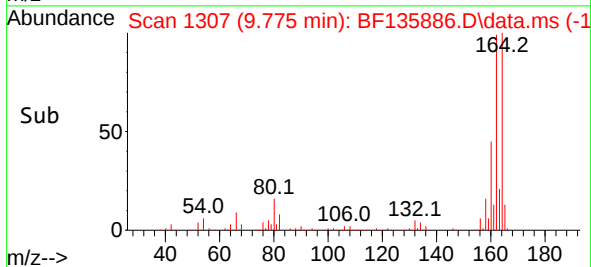
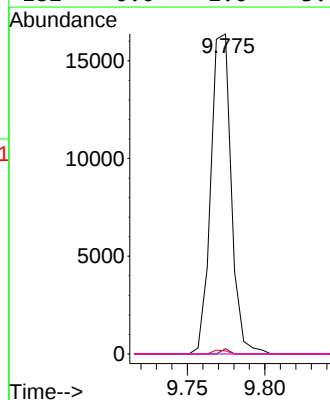
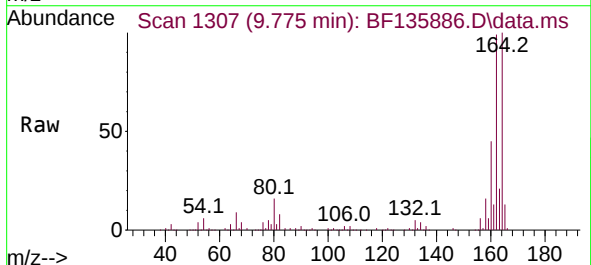
Ion Ratio Lower Upper

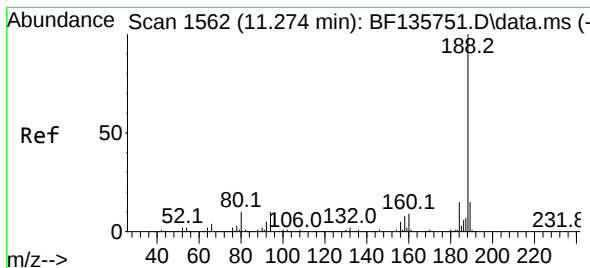
165 100

63 1.7 39.0 58.4#

89 0.9 55.9 83.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PMW-2

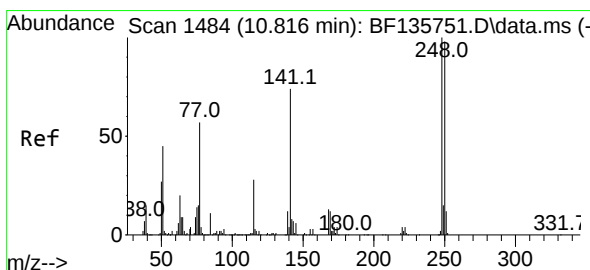
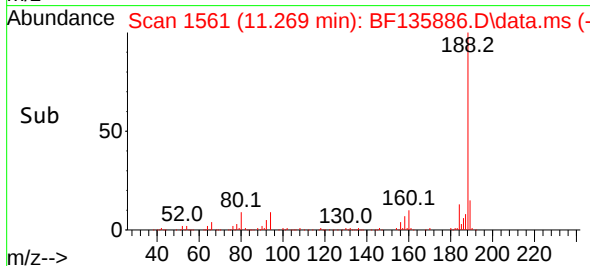
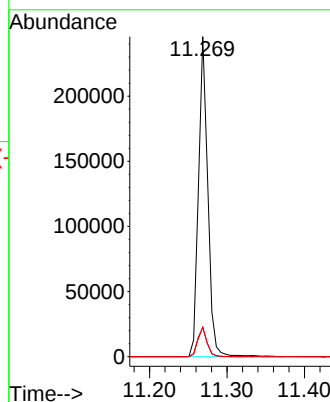
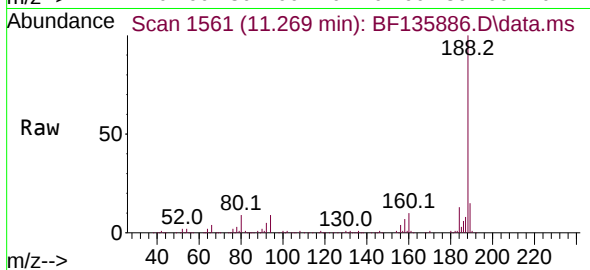
Tgt Ion:188 Resp: 204644

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.916 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

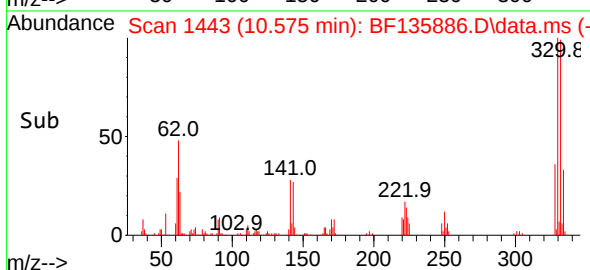
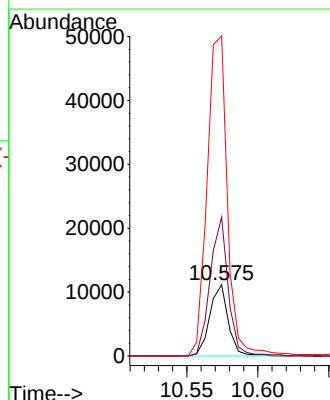
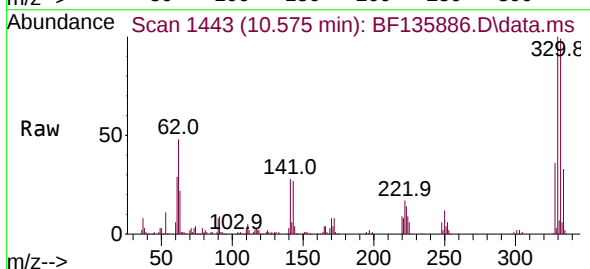
Tgt Ion:248 Resp: 10098

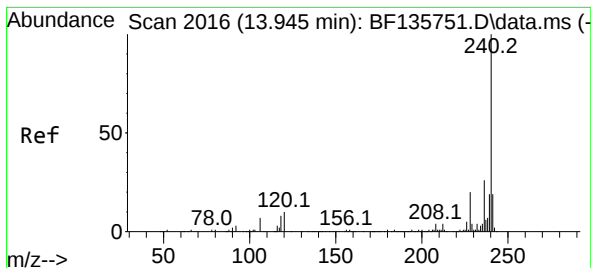
Ion Ratio Lower Upper

248 100

250 194.8 78.0 117.0#

141 449.1 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

Instrument :

BNA_F

ClientSampleId :

PMW-2

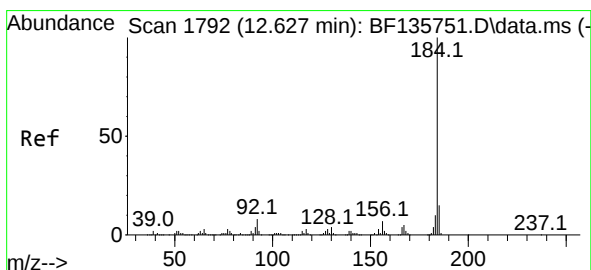
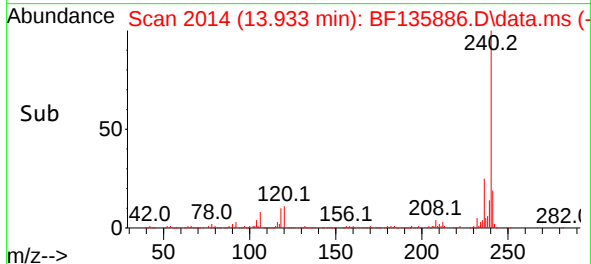
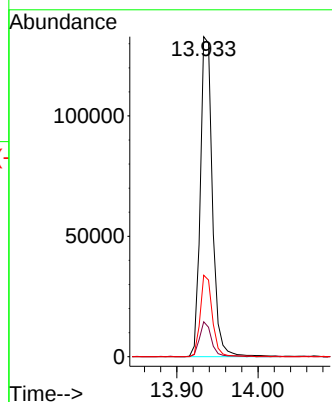
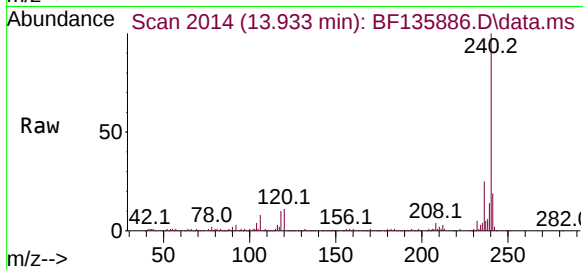
Tgt Ion:240 Resp: 138387

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.5 21.2 31.8



#77

Benzidine

Concen: 2.471 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135886.D

Acq: 19 Oct 2023 15:04

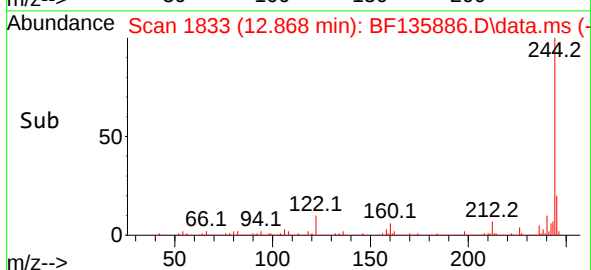
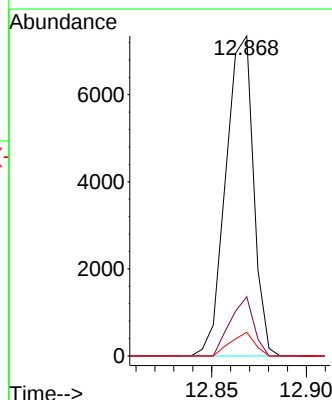
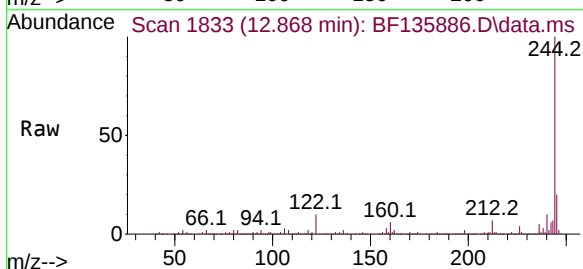
Tgt Ion:184 Resp: 7463

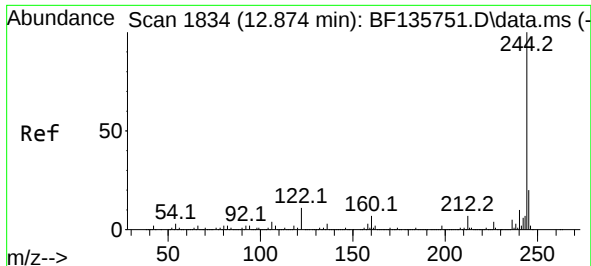
Ion Ratio Lower Upper

184 100

185 18.5 12.0 18.0#

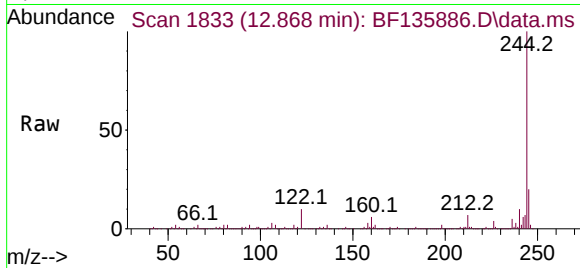
183 7.4 8.2 12.2#



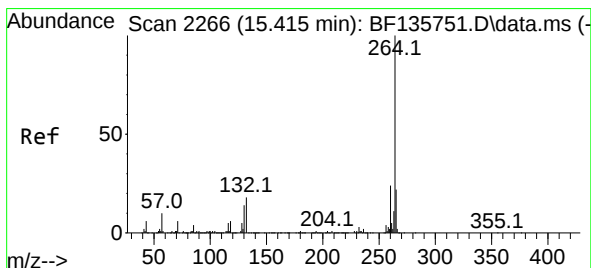
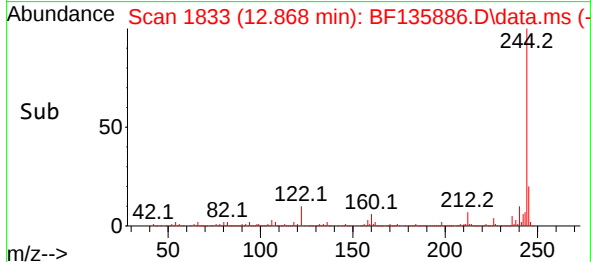
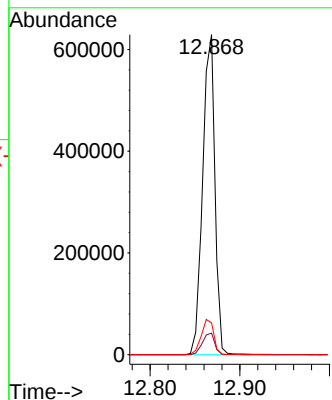


#79
 Terphenyl-d14
 Concen: 79.834 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135886.D
 Acq: 19 Oct 2023 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2



Tgt Ion:244 Resp: 596571
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135886.D
 Acq: 19 Oct 2023 15:04

Tgt Ion:264 Resp: 171419
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.4 17.4 26.2

