

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133785.D
 Acq On : 15 Jun 2023 20:48
 Operator : CG\JU
 Sample : PB153350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BL

Quant Time: Jun 16 02:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

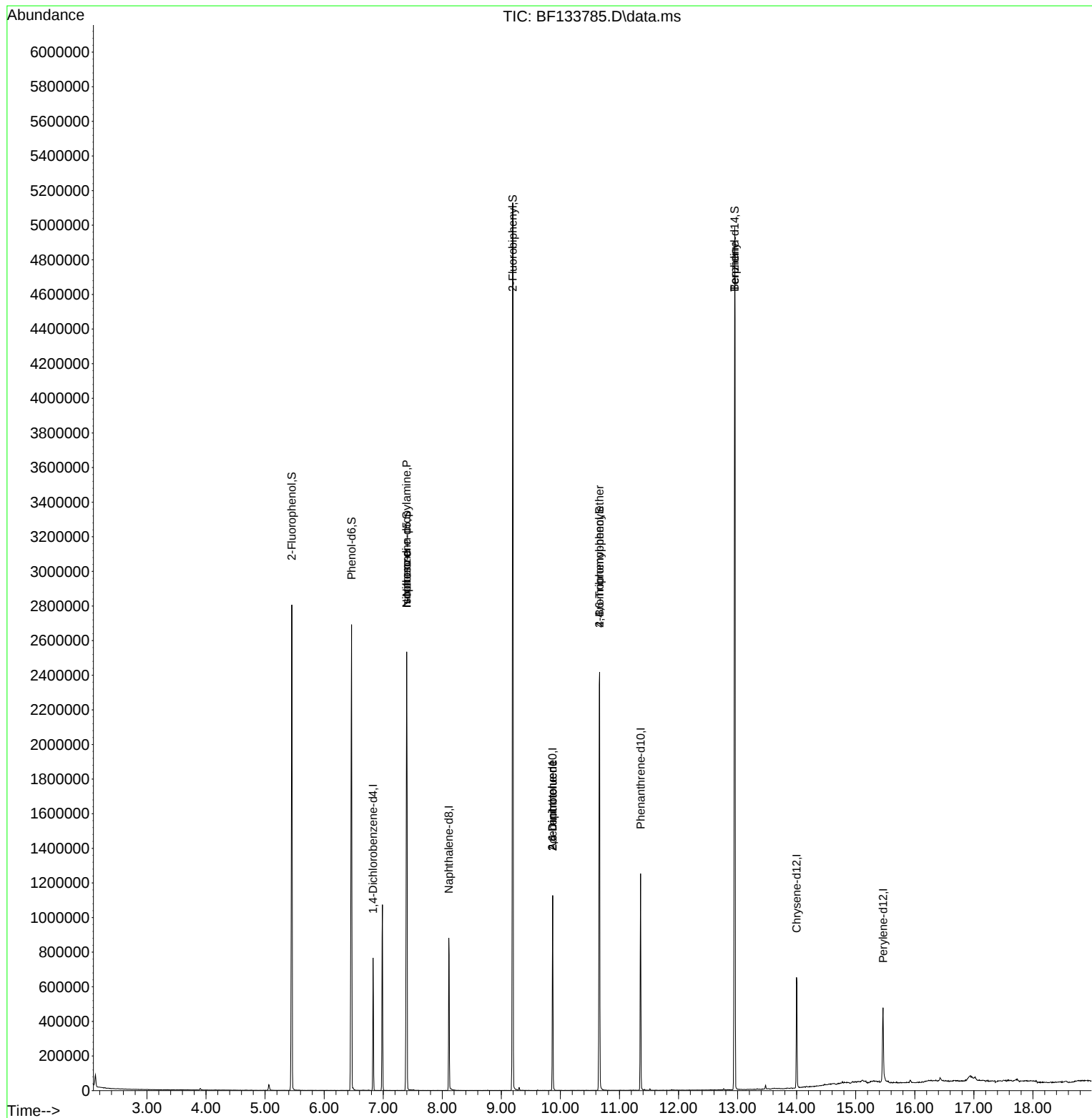
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	98318	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	381011	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205728	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	428761	20.000	ng	0.00
76) Chrysene-d12	13.998	240	226918	20.000	ng	0.00
86) Perylene-d12	15.463	264	198659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	738280	130.726	ng	0.01
7) Phenol-d6	6.463	99	876757	119.267	ng	0.00
23) Nitrobenzene-d5	7.398	82	850780	121.622	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	313104	120.233	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1618786	111.853	ng	0.00
79) Terphenyl-d14	12.951	244	2026739	138.203	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	121633	26.006	ng	# 78
25) Isophorone	7.398	82	850764	66.246	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	26412	8.333	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	26412	6.552	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	19733	4.123	ng	# 1
77) Benzidine	12.951	184	27927	3.668	ng	# 92

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

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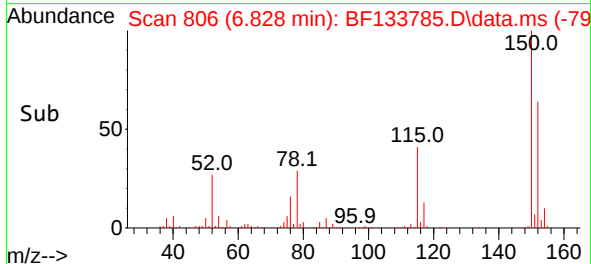
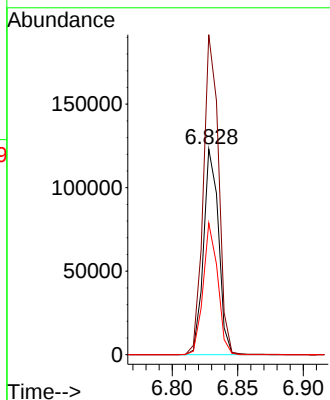
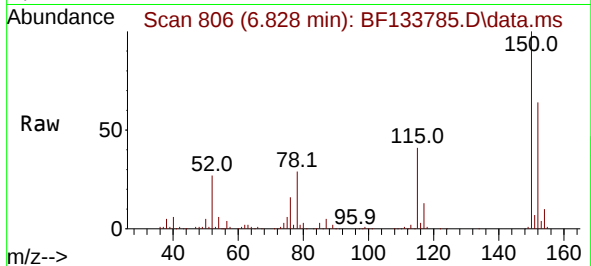




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

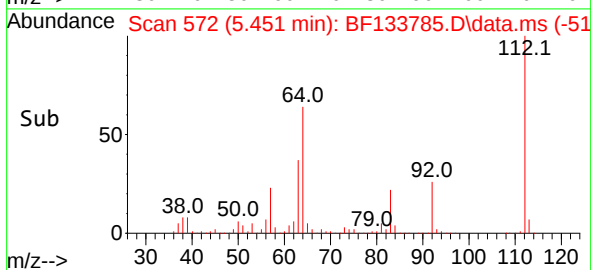
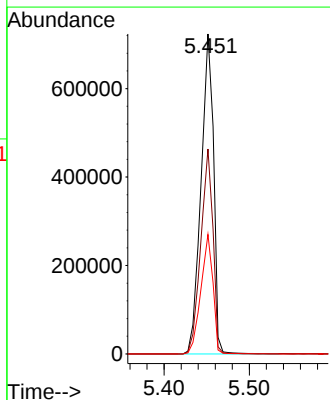
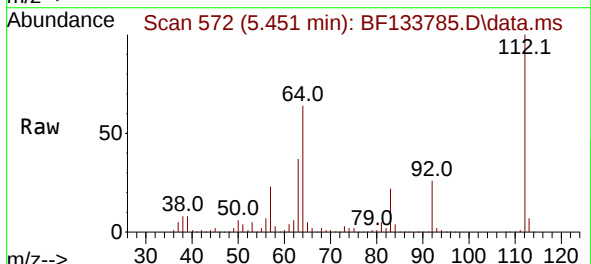
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion:152 Resp: 98318
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 64.0 48.5 72.7



#5
2-Fluorophenol
Concen: 130.726 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion:112 Resp: 738280
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 37.4 26.8 40.2

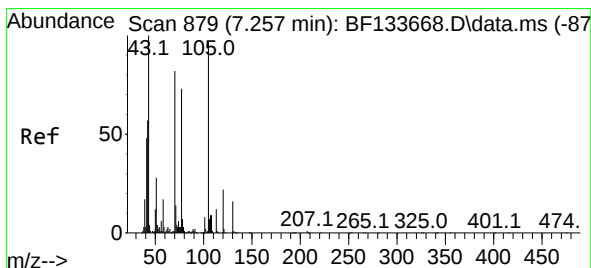
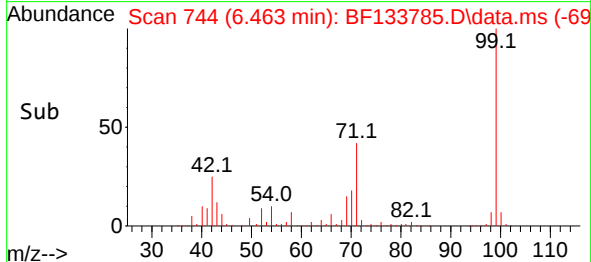
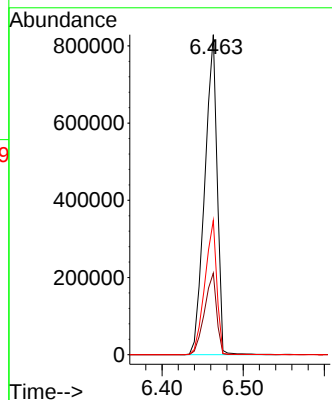
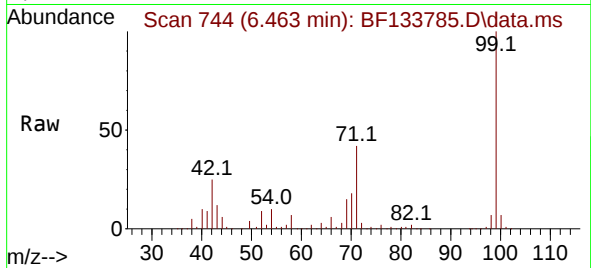




#7
Phenol-d6
Concen: 119.267 ng
RT: 6.463 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

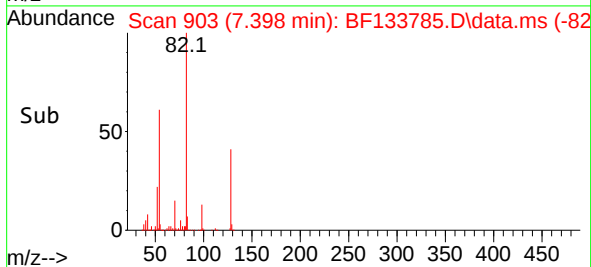
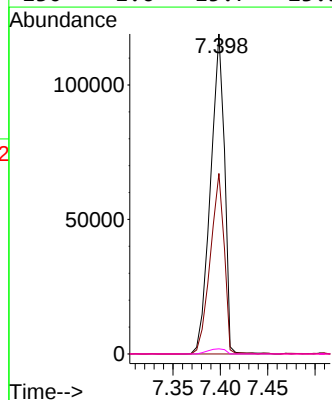
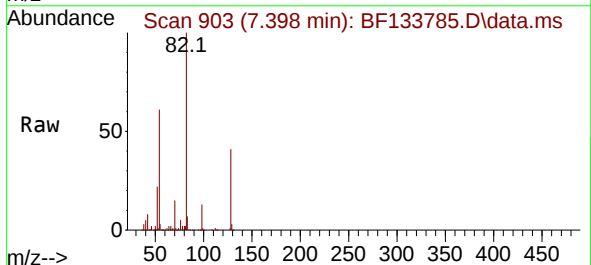
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion: 99 Resp: 876757
Ion Ratio Lower Upper
99 100
42 25.5 19.9 29.9
71 41.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 26.006 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion: 70 Resp: 121633
Ion Ratio Lower Upper
70 100
42 56.4 55.8 83.8
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#

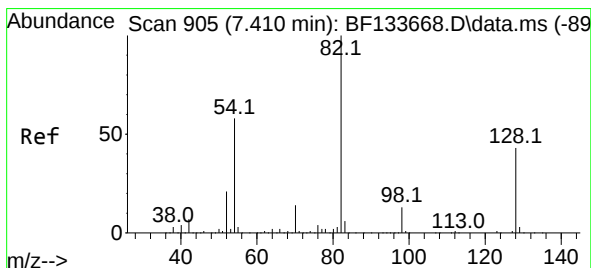
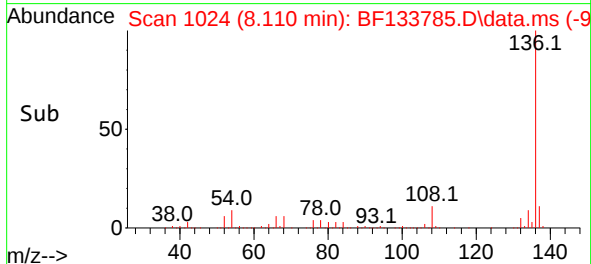
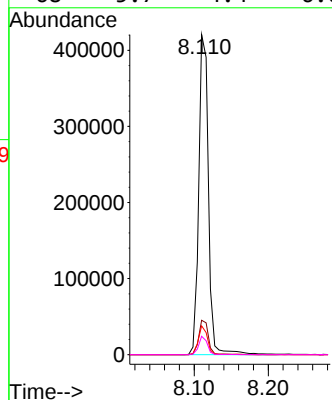
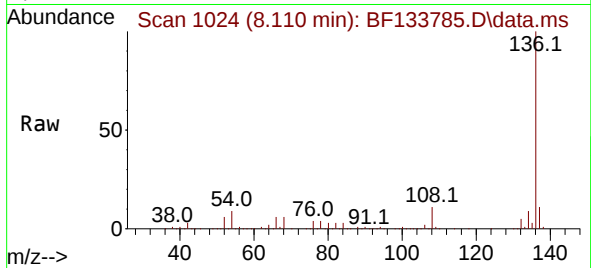




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

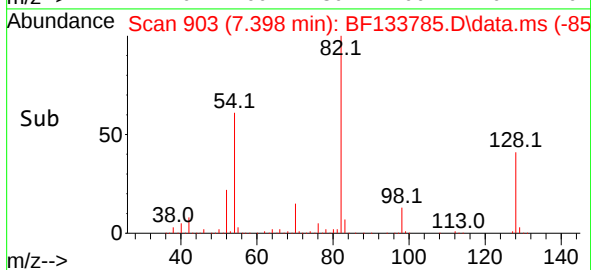
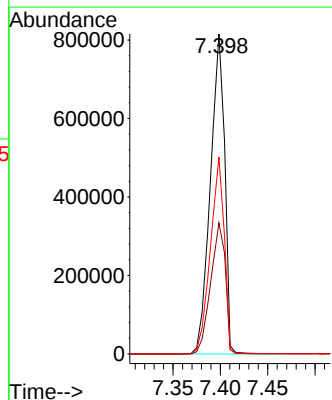
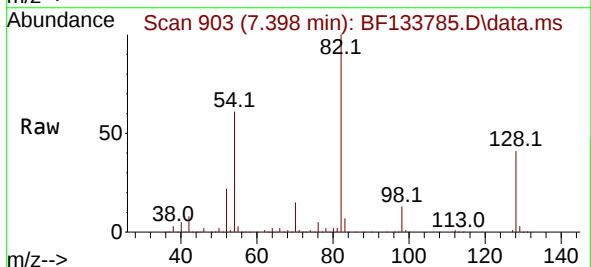
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion:136 Resp: 381011
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.0 7.4 11.0
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 121.622 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion: 82 Resp: 850780
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 61.5 46.5 69.7

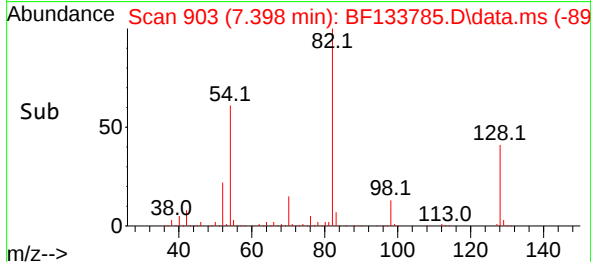
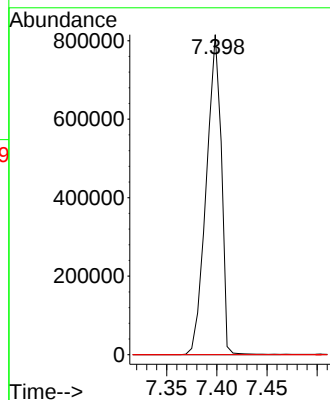
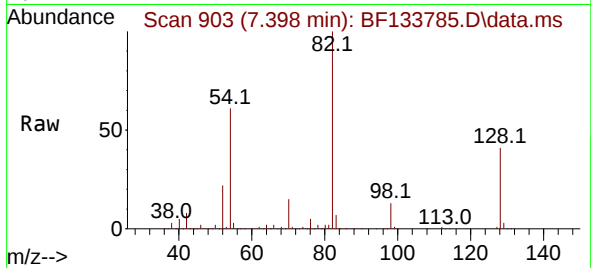




#25
Isophorone
Concen: 66.246 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

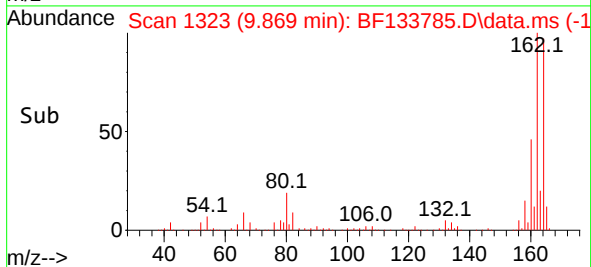
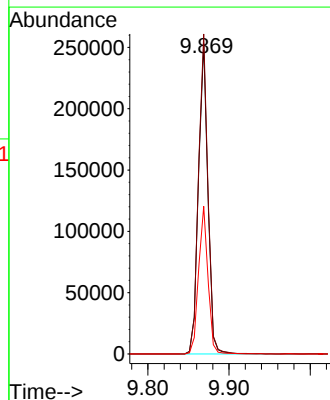
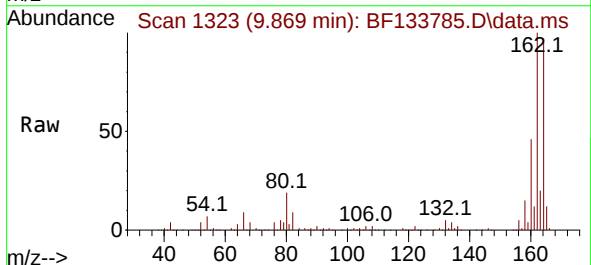
Instrument :
BNA_F
ClientSampleId :
PB153350BL

Tgt Ion: 82 Resp: 850764
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF133785.D
Acq: 15 Jun 2023 20:48

Tgt Ion:164 Resp: 205728
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 47.6 36.7 55.1

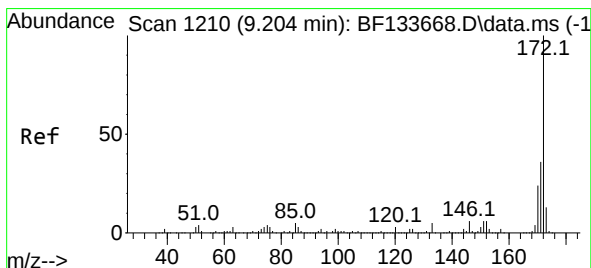
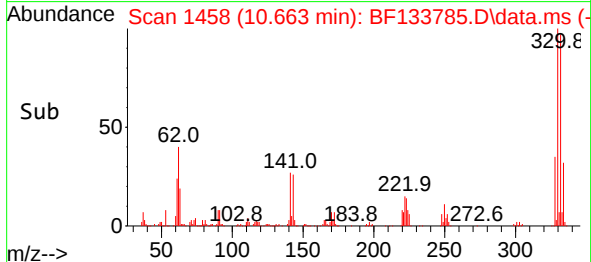
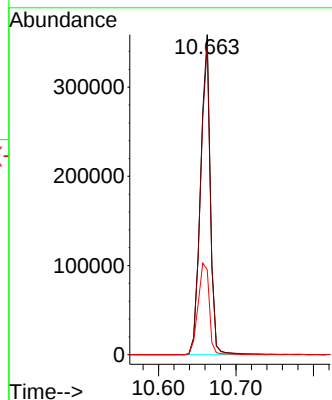
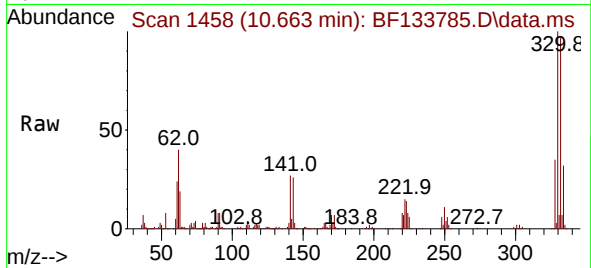




#42
 2,4,6-Tribromophenol
 Concen: 120.233 ng
 RT: 10.663 min Scan# 1460
 Delta R.T. 0.000 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

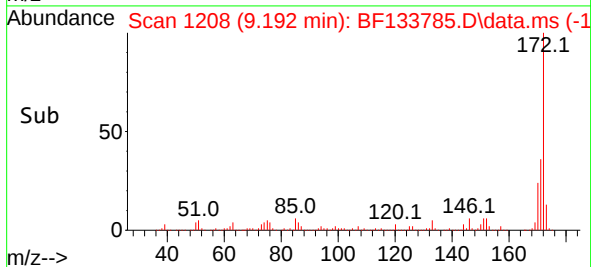
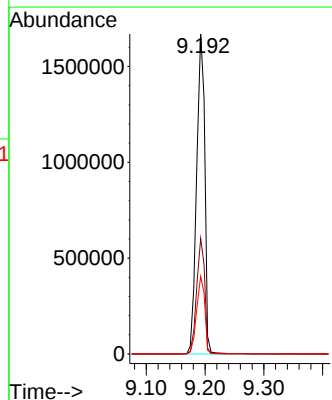
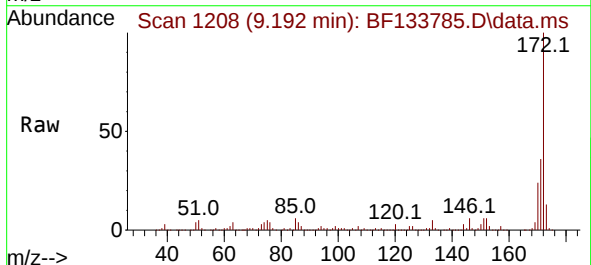
Instrument :
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 ClientSampleId :
 PB153350BL

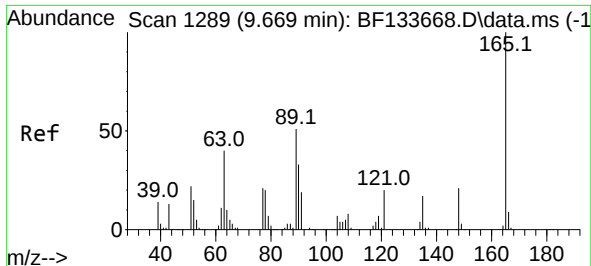
Tgt Ion:330 Resp: 313104
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 32.8 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 111.853 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

Tgt Ion:172 Resp: 1618786
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.333 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

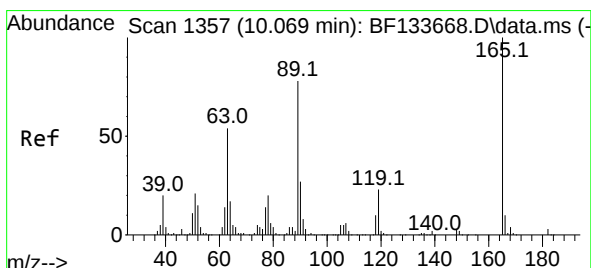
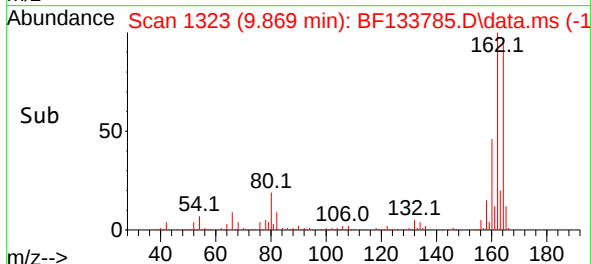
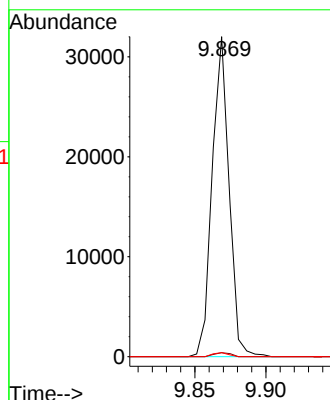
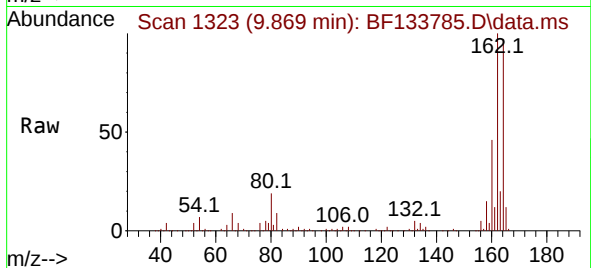
Tgt Ion:165 Resp: 26412

Ion Ratio Lower Upper

165 100

63 1.2 42.1 63.1#

89 1.3 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.552 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Tgt Ion:165 Resp: 26412

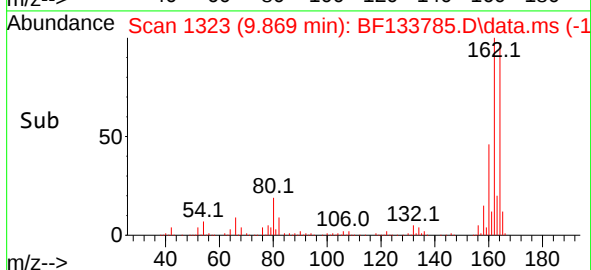
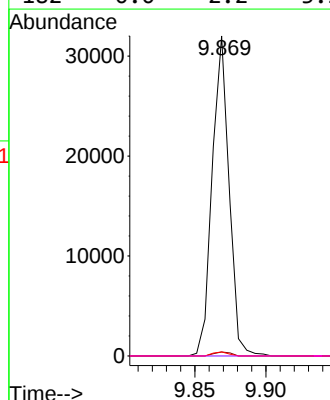
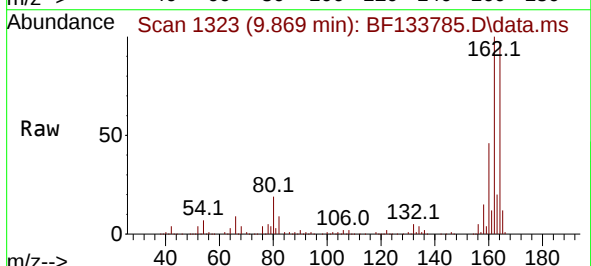
Ion Ratio Lower Upper

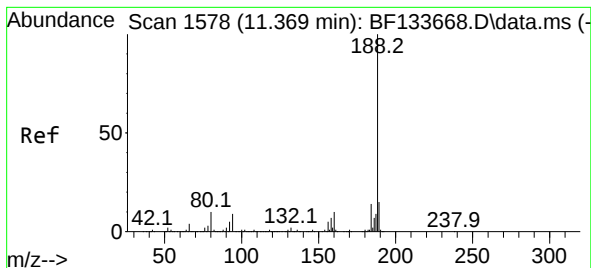
165 100

63 1.2 43.0 64.6#

89 1.3 62.6 93.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

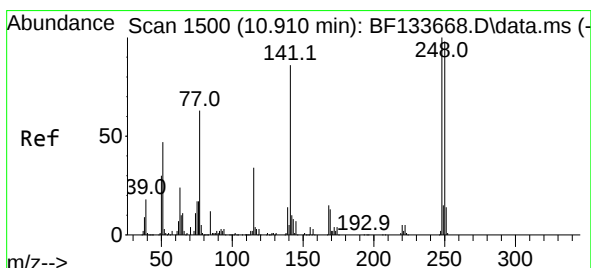
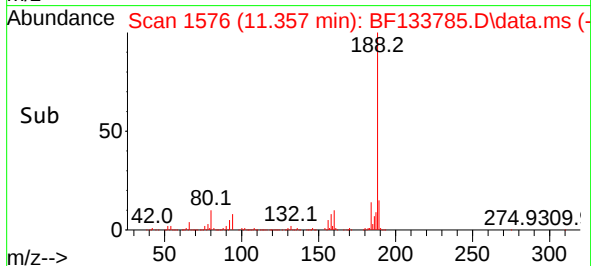
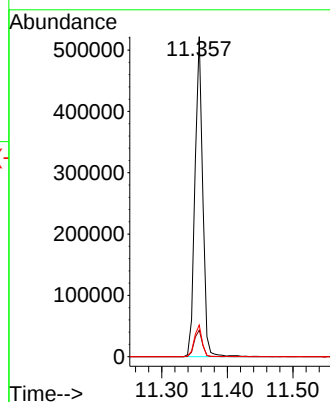
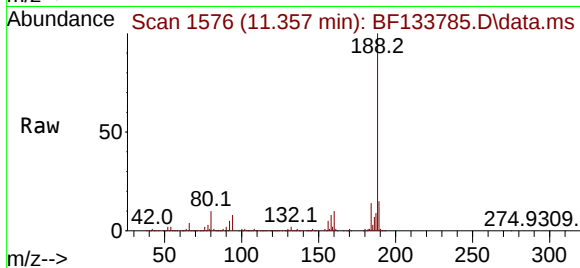
Tgt Ion:188 Resp: 428761

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.123 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

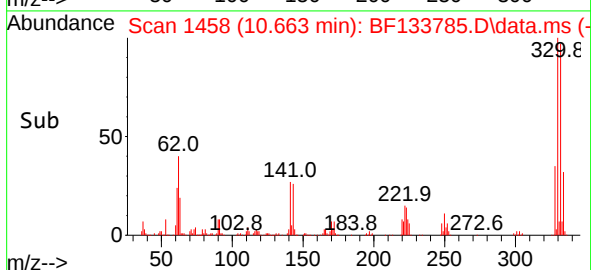
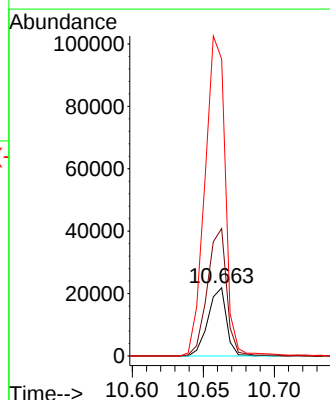
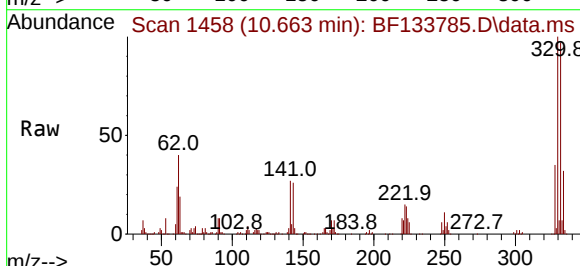
Tgt Ion:248 Resp: 19733

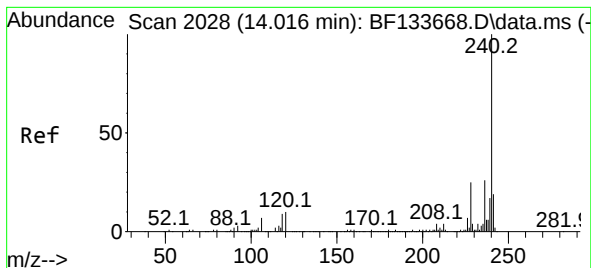
Ion Ratio Lower Upper

248 100

250 187.1 78.3 117.5#

141 436.0 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

Instrument :

BNA_F

ClientSampleId :

PB153350BL

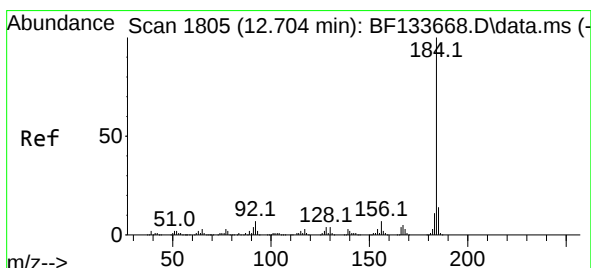
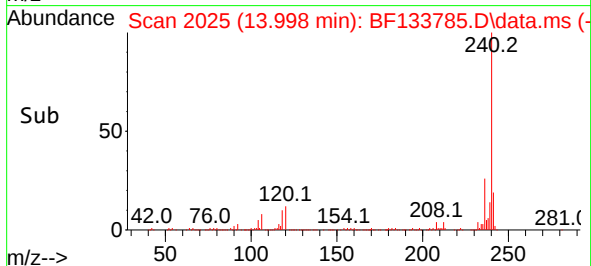
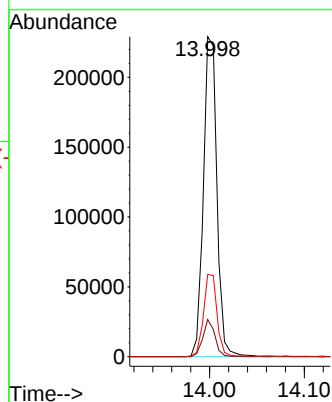
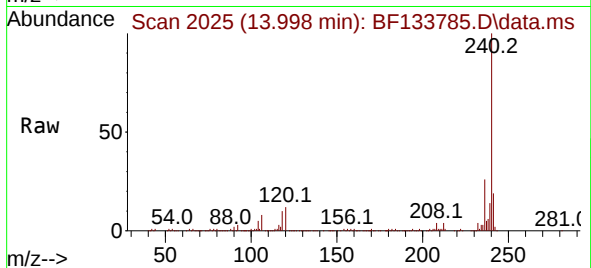
Tgt Ion:240 Resp: 226918

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

236 25.7 20.5 30.7



#77

Benzdine

Concen: 3.668 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.259 min

Lab File: BF133785.D

Acq: 15 Jun 2023 20:48

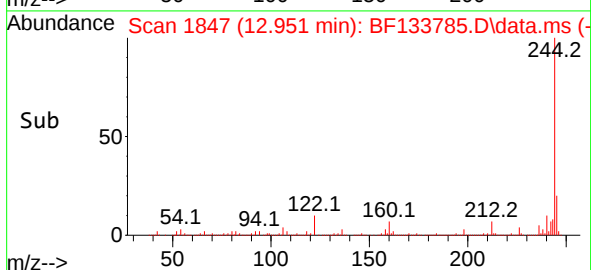
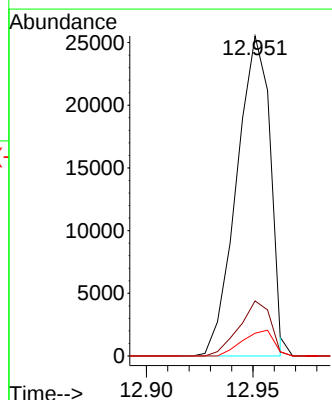
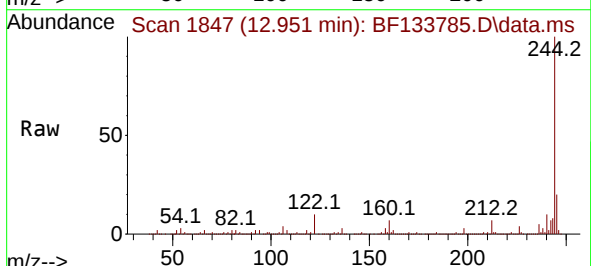
Tgt Ion:184 Resp: 27927

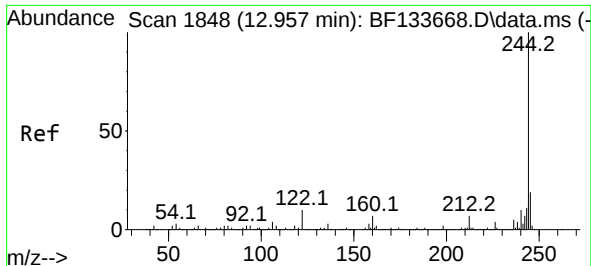
Ion Ratio Lower Upper

184 100

185 17.2 11.6 17.4

183 7.1 8.4 12.6#

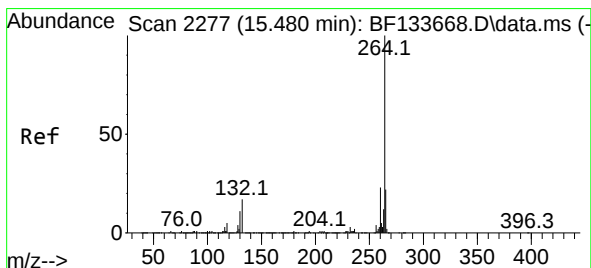
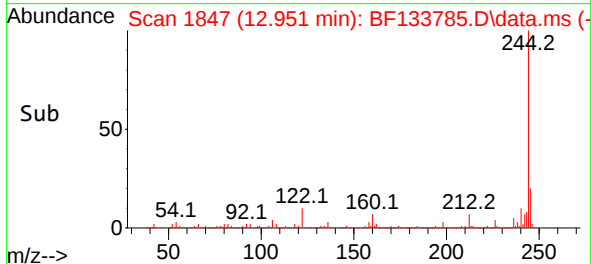
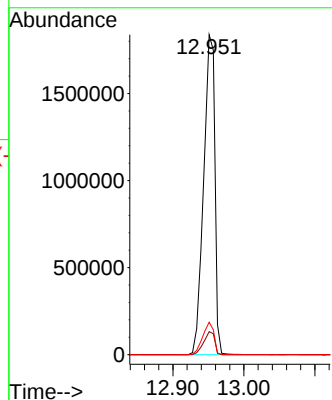
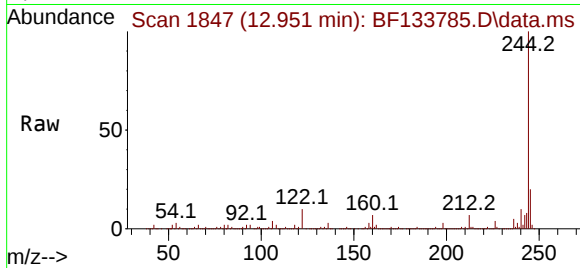




#79
 Terphenyl-d14
 Concen: 138.203 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB153350BL

Tgt Ion:244 Resp: 2026739
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF133785.D
 Acq: 15 Jun 2023 20:48

Tgt Ion:264 Resp: 198659
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 21.5 17.8 26.6

