

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000622.D
 Acq On : 10 Oct 2019 17:40
 Operator : JU
 Sample : K5300-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-18A-S

Quant Time: Oct 11 04:57:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

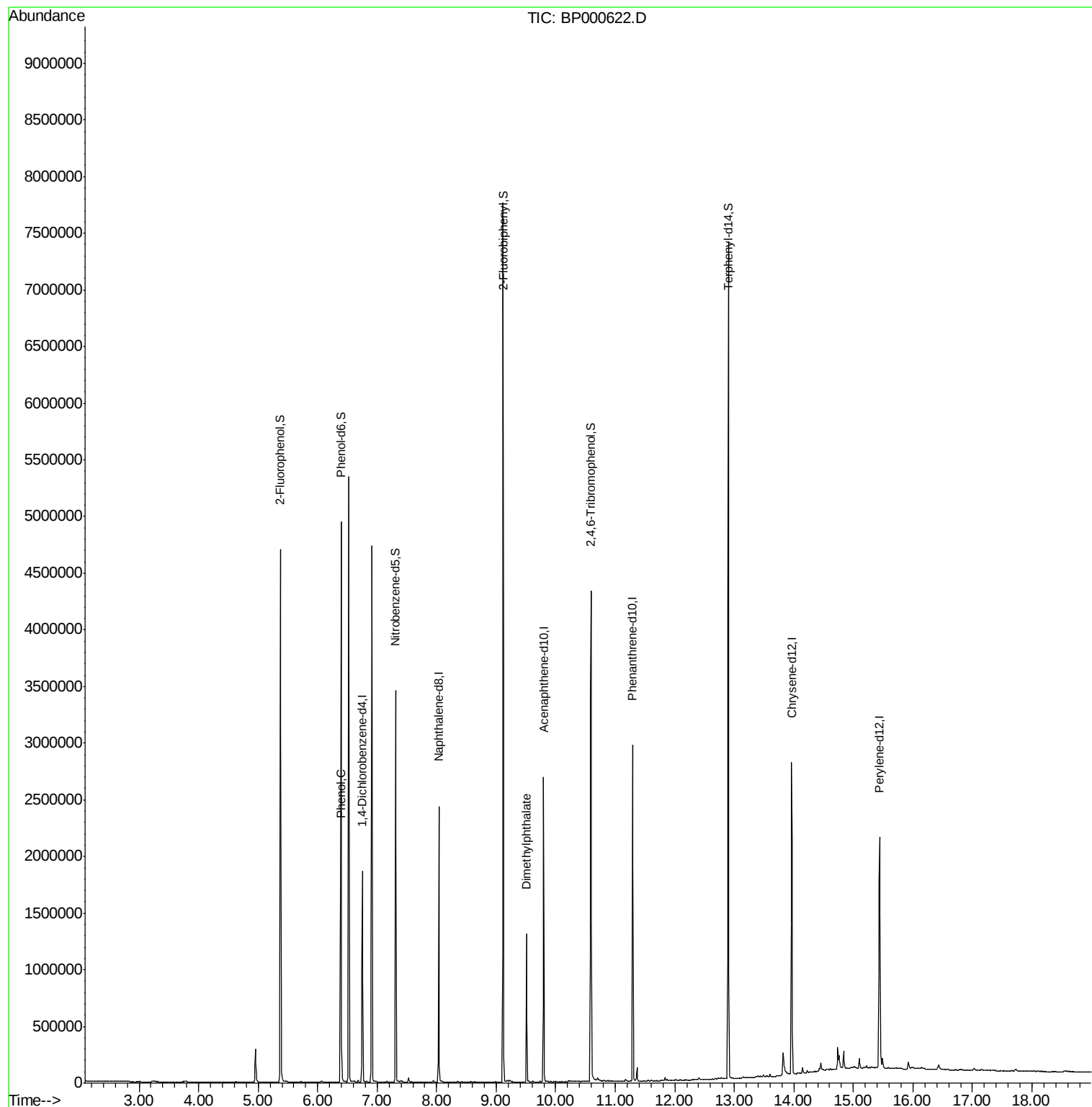
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	259396	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	955573	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	537499	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	991009	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	846396	20.00	ng	-0.02
87) Perylene-d12	15.44	264	893688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1470313	91.11	ng	-0.02
7) Phenol-d6	6.39	99	1916323	98.55	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1054842	67.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	527907	92.17	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2231850	67.18	ng	-0.02
79) Terphenyl-d14	12.90	244	2605628	62.33	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	69986	3.515	ng	90
50) Dimethylphthalate	9.51	163	460773	12.337	ng	99

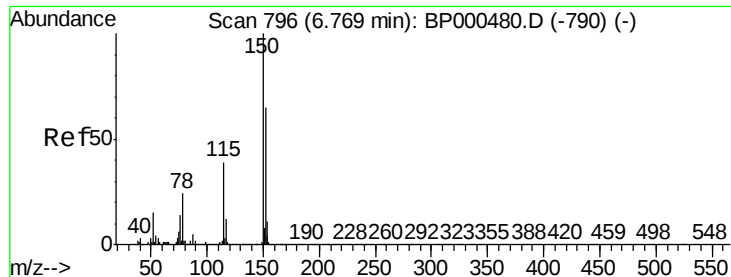
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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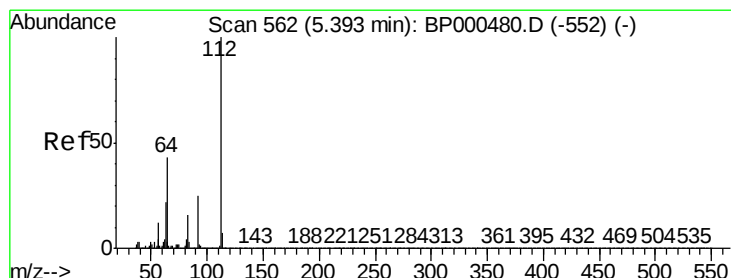
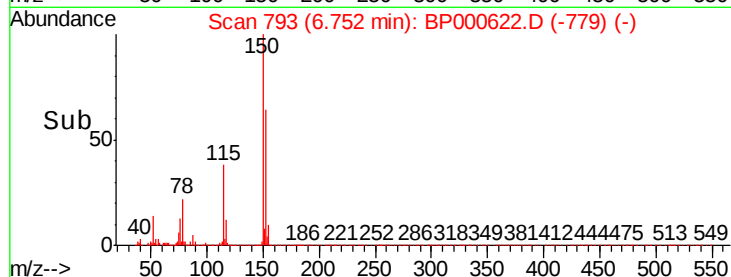
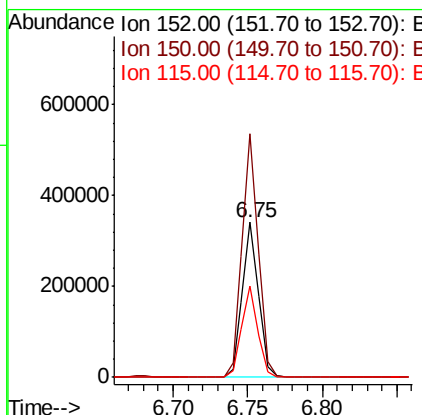
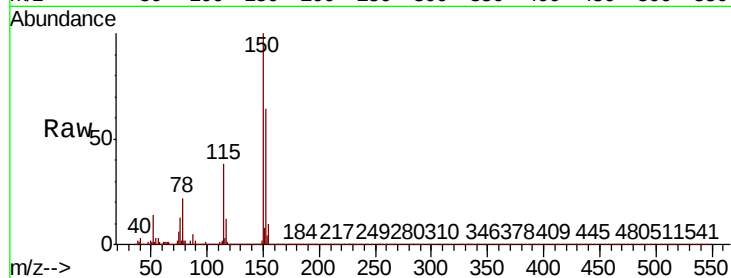


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Instrument :
BNA_P
ClientSampleId :
TP-18A-S

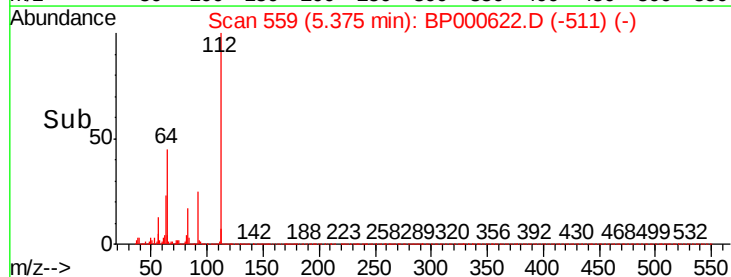
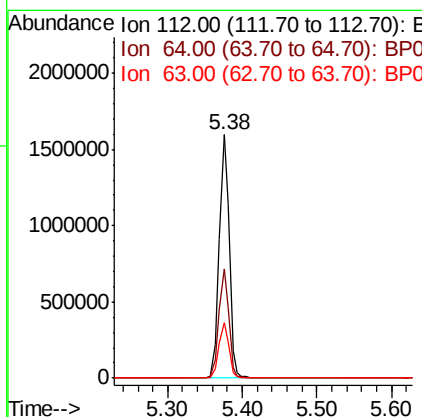
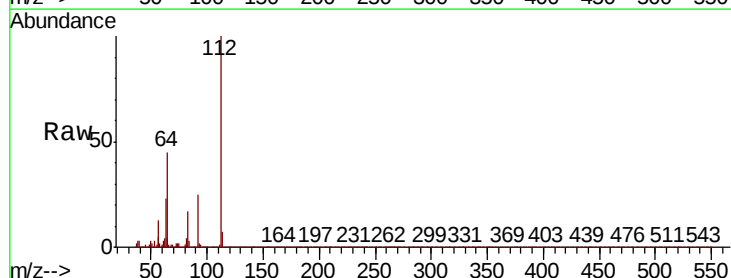
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	59.1	48.7	73.1

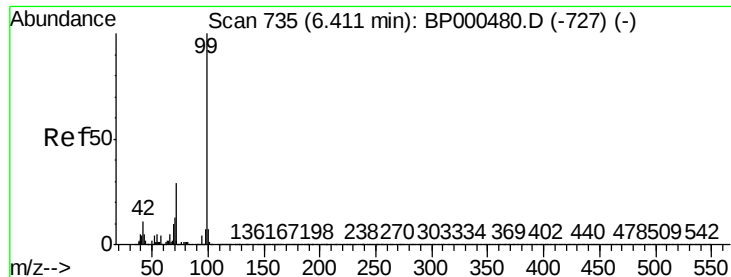


#5

2-Fluorophenol
Concen: 91.113 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	34.2	51.4
63	22.8	17.9	26.9





#7

Phenol-d6

Concen: 98.546 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

Instrument :

BNA_P

ClientSampled :

TP-18A-S

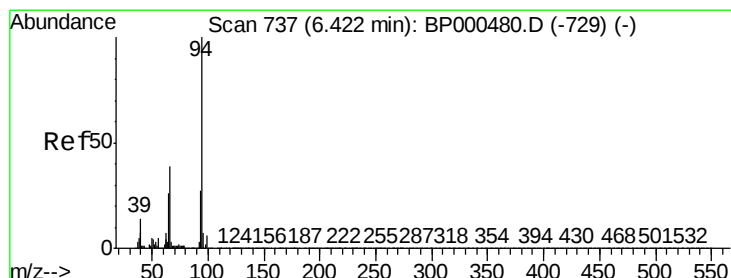
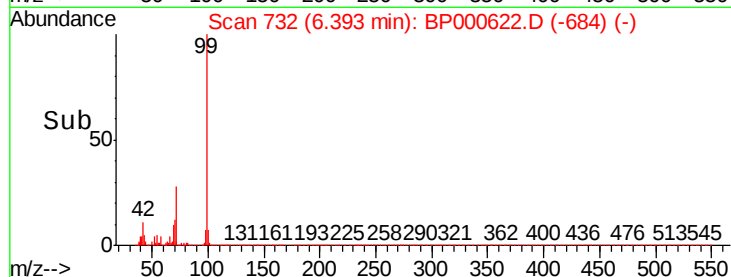
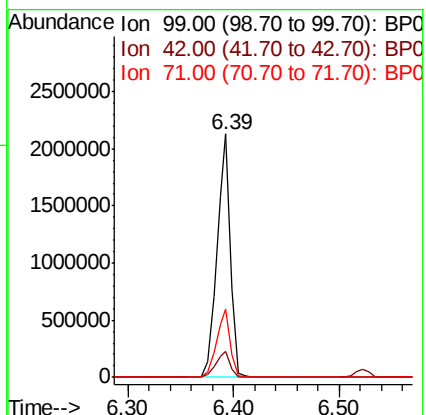
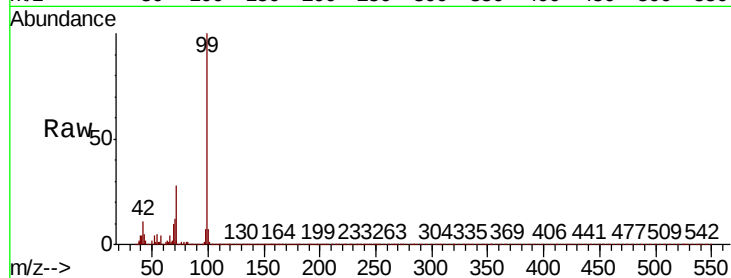
Tot Ion: 99 Resp: 1916323

Ion Ratio Lower Upper

99 100

42 10.5 8.6 12.8

71 28.2 23.0 34.4



#10

Phenol

Concen: 3.515 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

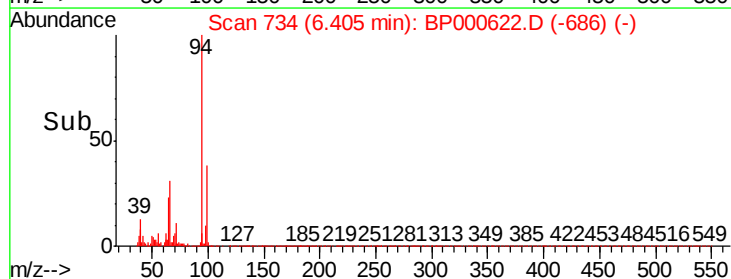
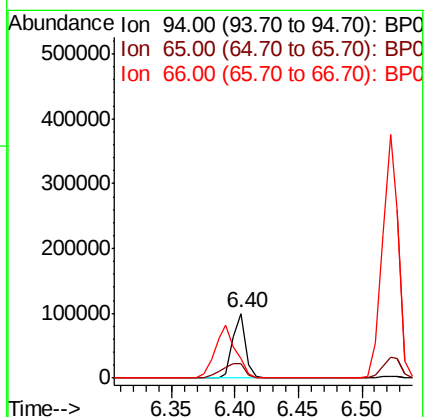
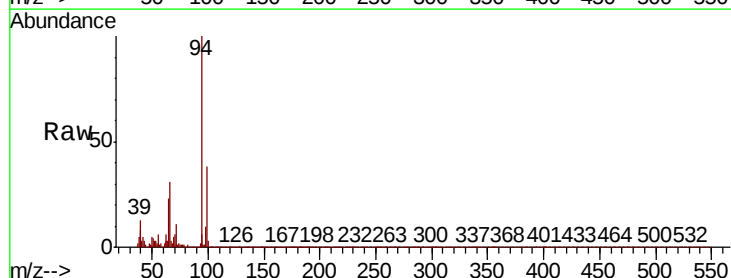
Tgt Ion: 94 Resp: 69986

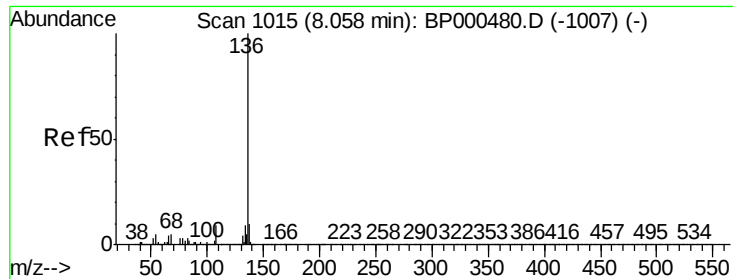
Ion Ratio Lower Upper

94 100

65 23.1 5.9 45.9

66 31.0 18.8 58.8

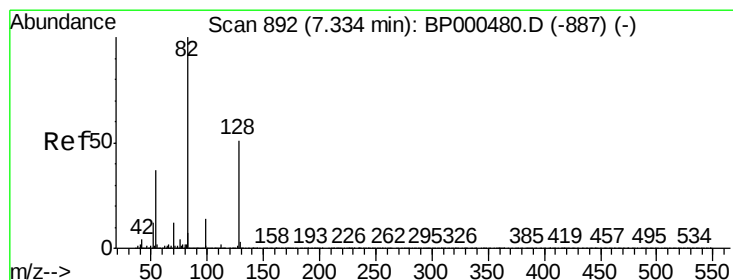
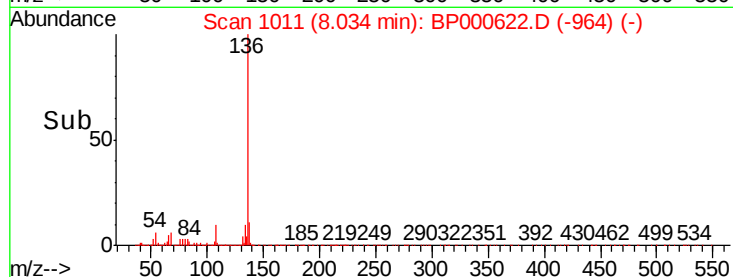
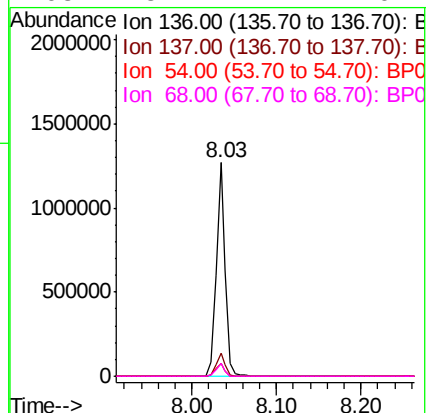
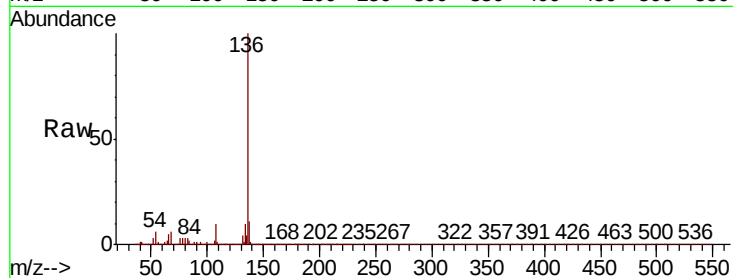




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

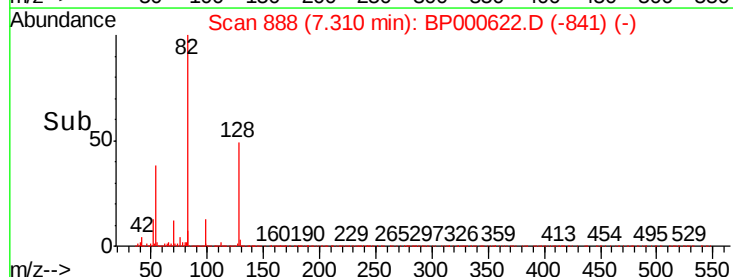
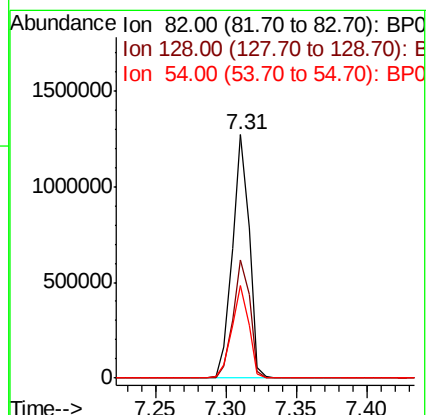
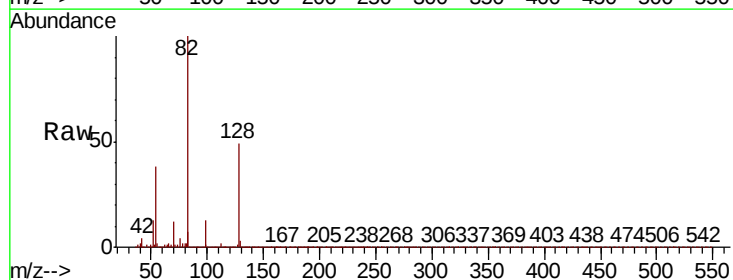
Instrument :
BNA_P
ClientSampleId :
TP-18A-S

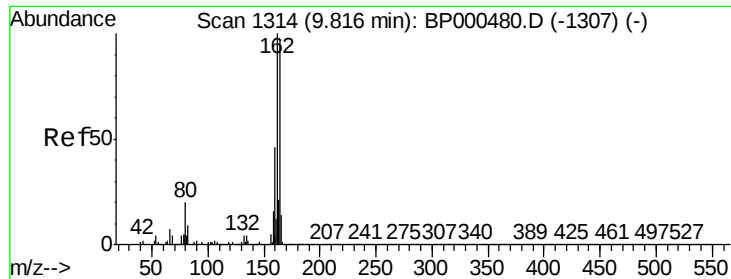
Tot Ion:136	Resp:	955573
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.4
54 5.8	4.1	6.1
68 5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 67.420 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion: 82	Resp: 1054842
Ion Ratio	Lower Upper
82 100	
128 48.6	40.9 61.3
54 38.1	29.4 44.2

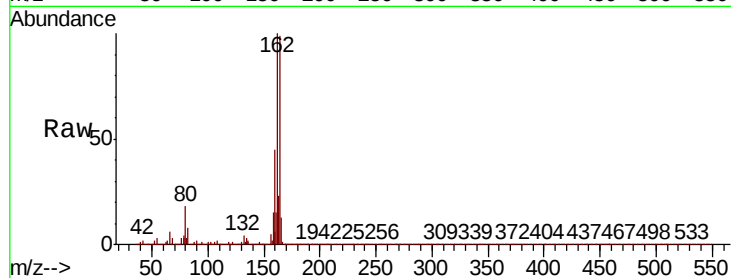




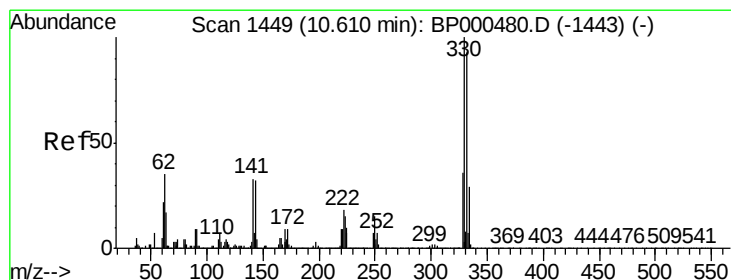
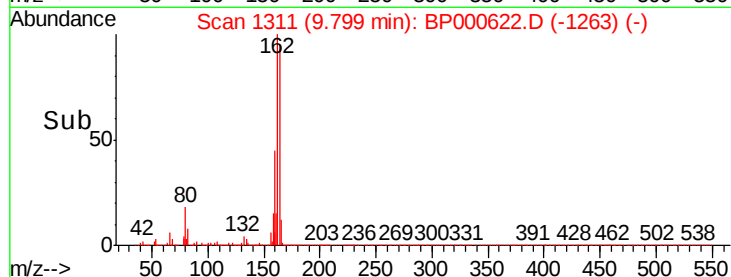
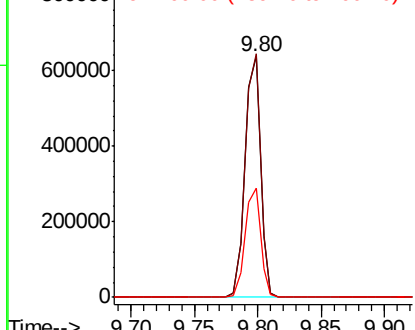
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Instrument :
BNA_P
ClientSampleId :
TP-18A-S

Tot Ion:164 Resp: 537499
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 45.4 37.6 56.4

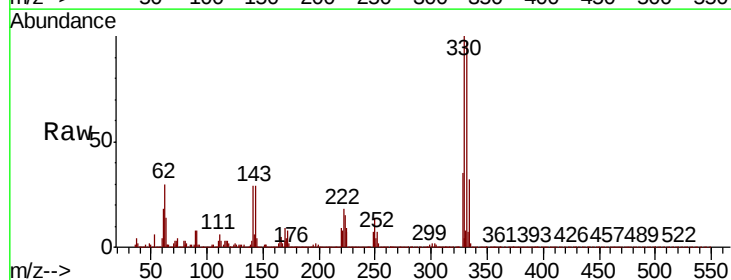


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

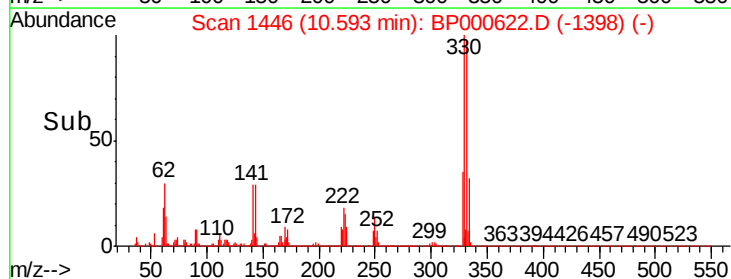
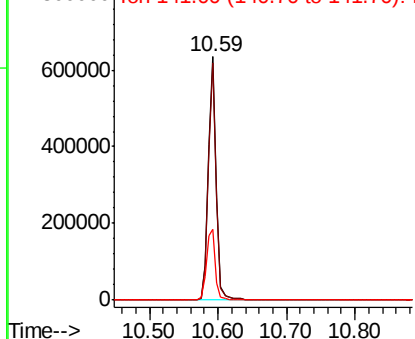


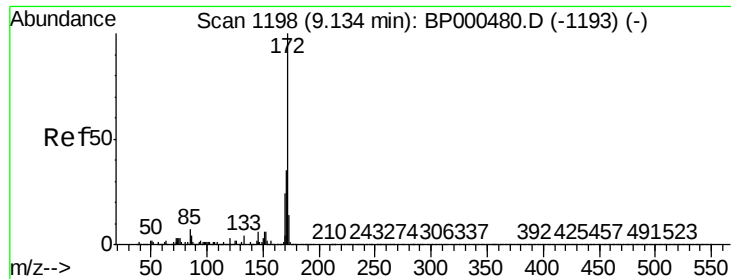
#42
2,4,6-Tribromophenol
Concen: 92.168 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:330 Resp: 527907
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 32.6 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

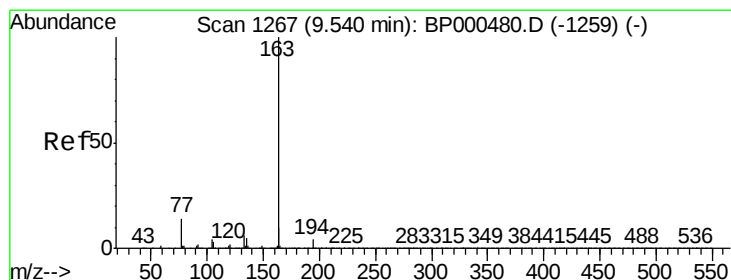
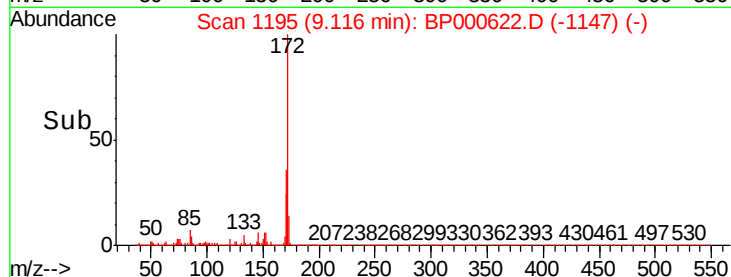
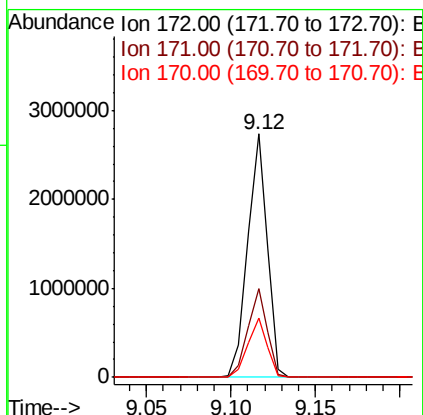
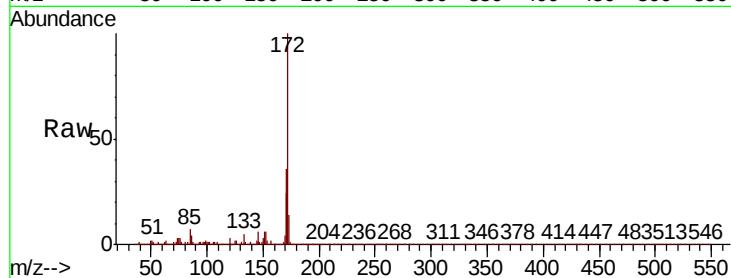




#45
2-Fluorobiphenyl
Concen: 67.184 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

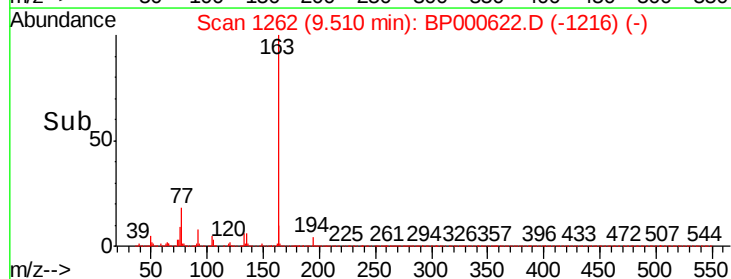
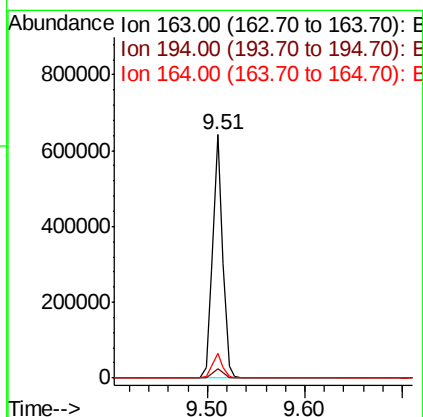
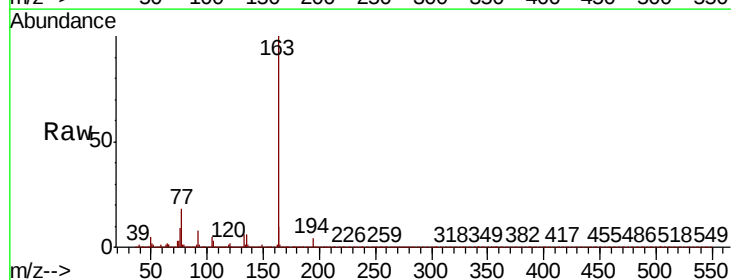
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BNA_P
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TP-18A-S

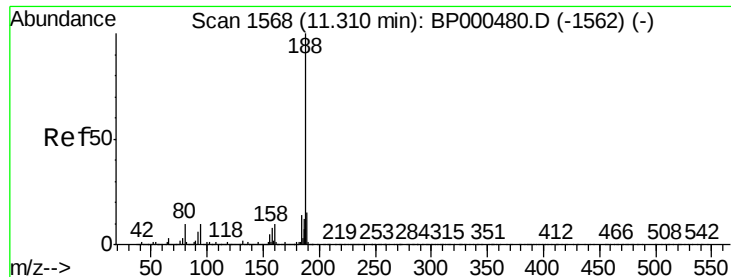
Tot Ion:172 Resp: 2231850
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.5 19.1 28.7



#50
Dimethylphthalate
Concen: 12.337 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000622.D
Acq: 10 Oct 2019 17:40

Tgt Ion:163 Resp: 460773
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

Instrument :

BNA_P

ClientSampleId :

TP-18A-S

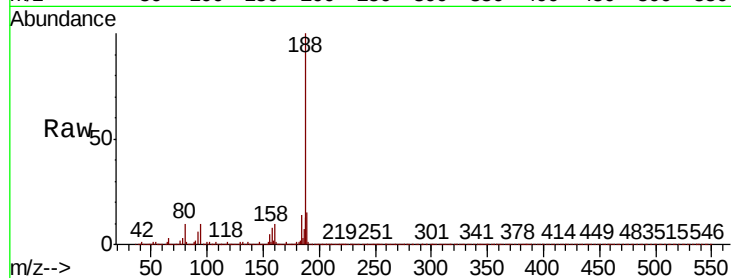
Tot Ion:188 Resp: 991009

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

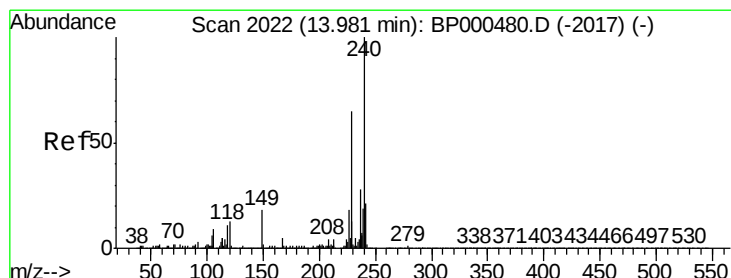
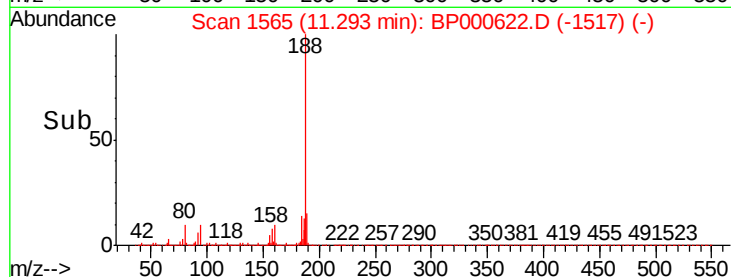
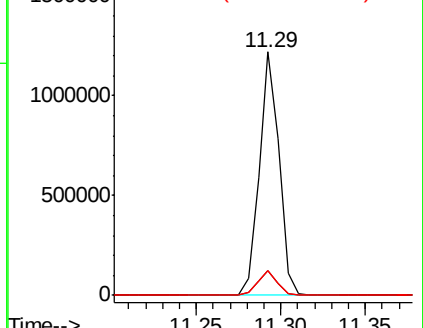
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000622.D

Acq: 10 Oct 2019 17:40

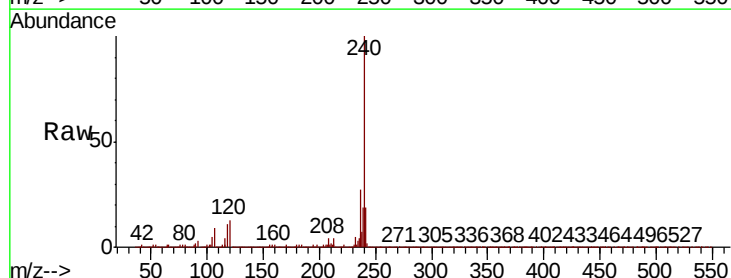
Tgt Ion:240 Resp: 846396

Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

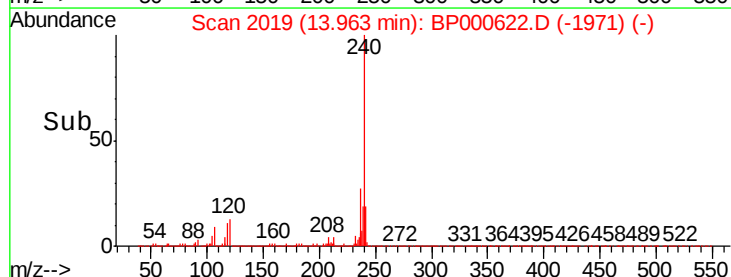
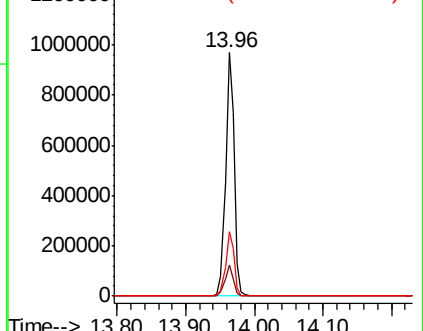
236 26.5 22.7 34.1

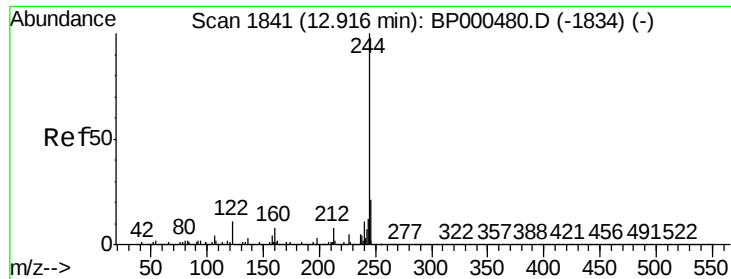


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

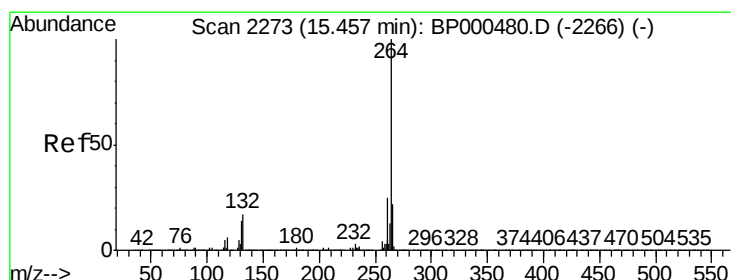
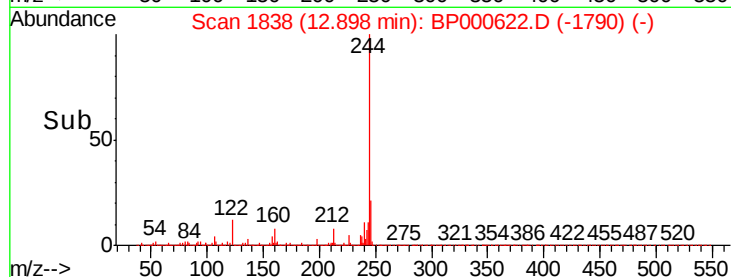
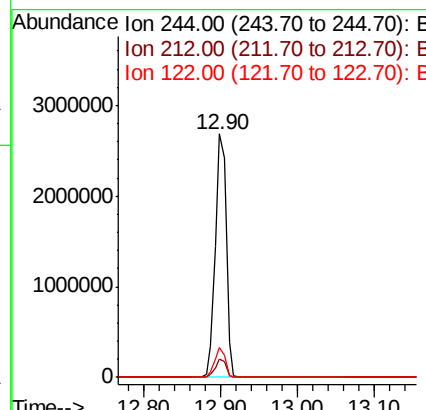
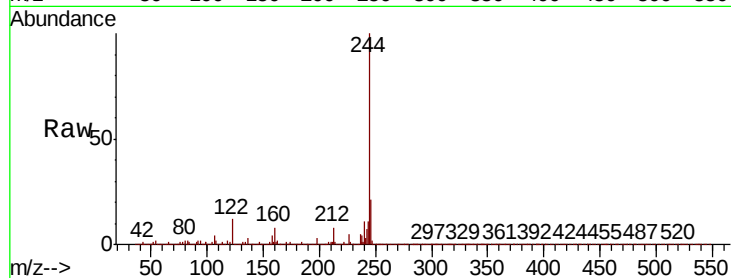




#79
 Terphenyl-d14
 Concen: 62.331 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BP000622.D
 Acq: 10 Oct 2019 17:40

Instrument :
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 TP-18A-S

Tot Ion:244 Resp: 2605628
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.3 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BP000622.D
 Acq: 10 Oct 2019 17:40

Tgt Ion:264 Resp: 893688
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.3 30.5
 265 21.6 18.0 27.0

