

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136887.D
 Acq On : 02 Jan 2024 23:33
 Operator : CG\JU
 Sample : 05900-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 02:06:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

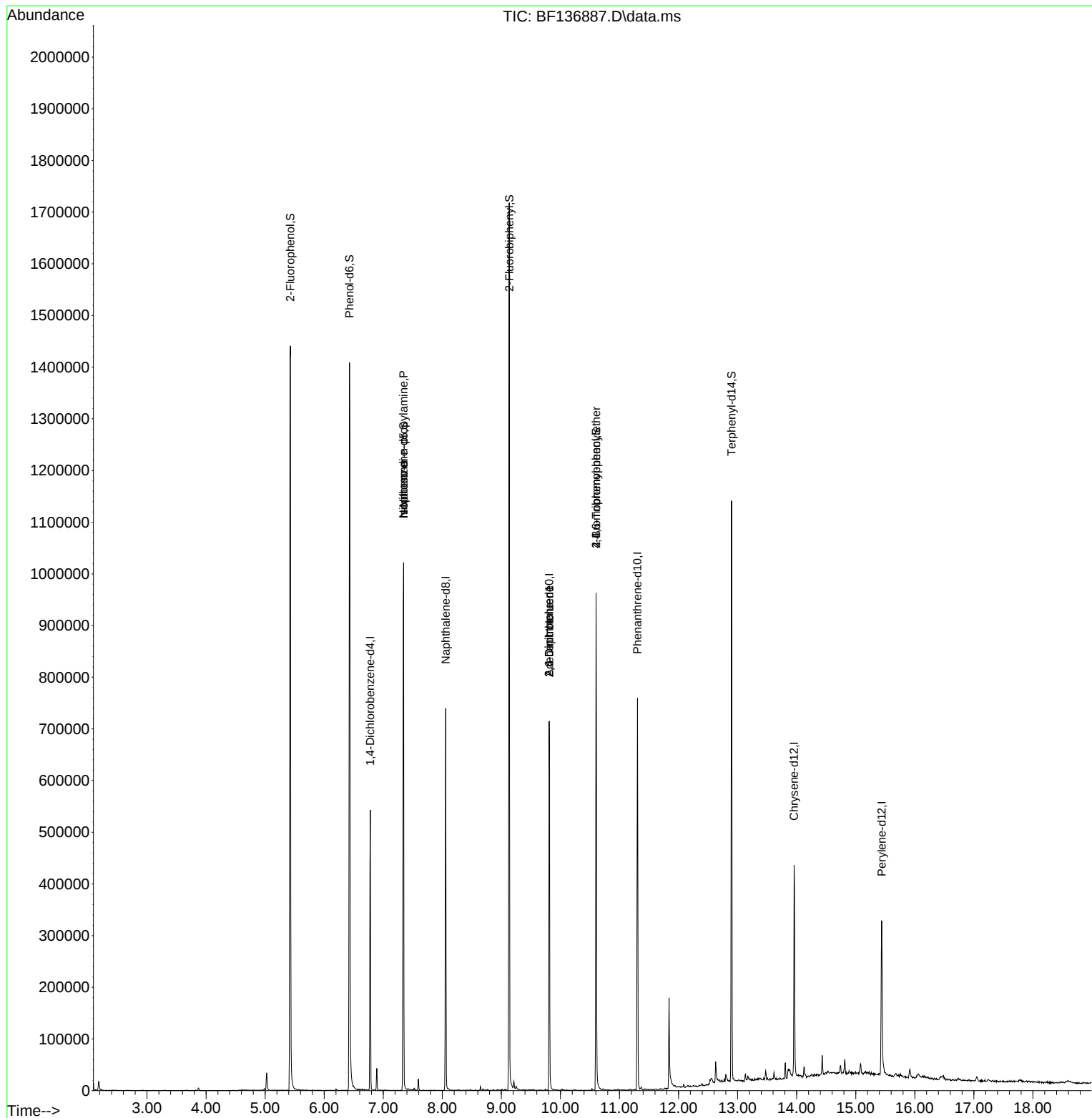
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79618	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	300106	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	148724	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	270681	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	148477	20.000	ng	-0.01
86) Perylene-d12	15.439	264	146929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	426519	83.586	ng	0.00
7) Phenol-d6	6.428	99	531726	80.419	ng	-0.01
23) Nitrobenzene-d5	7.345	82	334470	57.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	121122	69.151	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	489984	44.312	ng	-0.02
79) Terphenyl-d14	12.898	244	385771	36.309	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	44020	10.983	ng	# 70
25) Isophorone	7.345	82	334466	31.342	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	19410	7.873	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	19410	6.065	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	7053	2.346	ng	# 1

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

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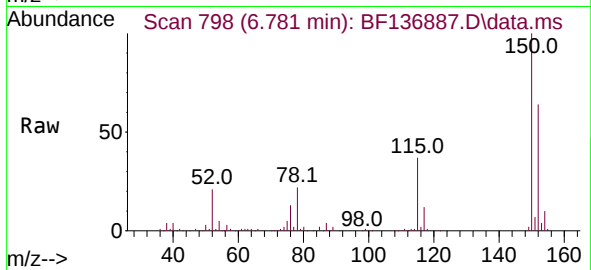
Quant Time: Jan 03 02:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



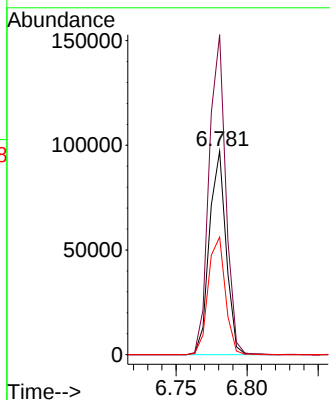
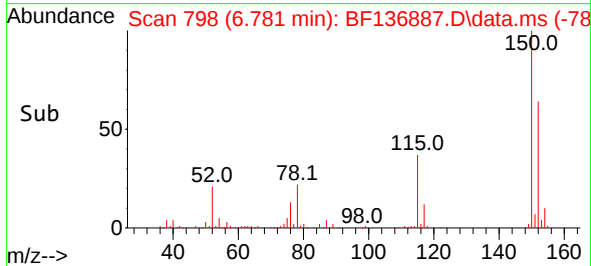


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

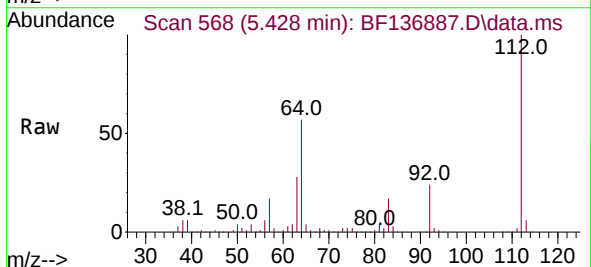
Instrument :
BNA_F
ClientSampleId :



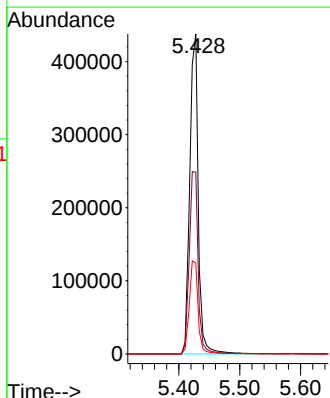
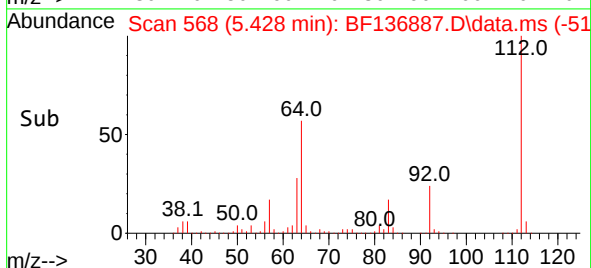
Tgt Ion:152 Resp: 79618
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 57.8 49.0 73.4

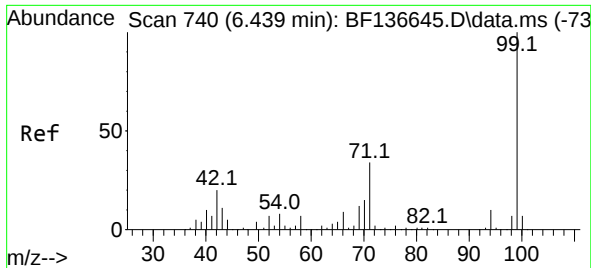


#5
2-Fluorophenol
Concen: 83.586 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33



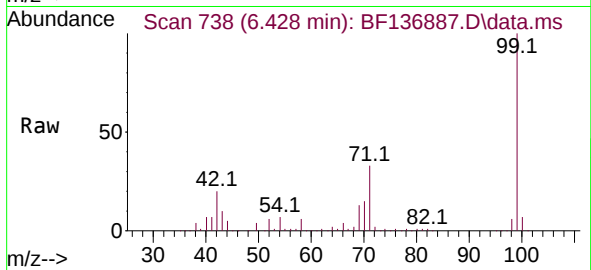
Tgt Ion:112 Resp: 426519
Ion Ratio Lower Upper
112 100
64 56.8 51.1 76.7
63 28.4 26.1 39.1



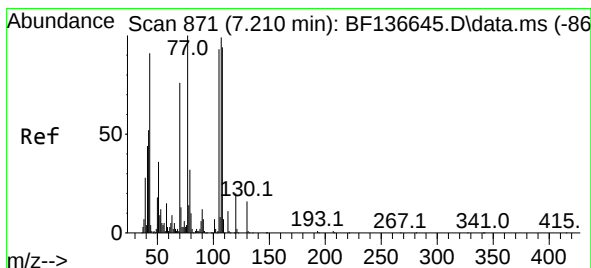
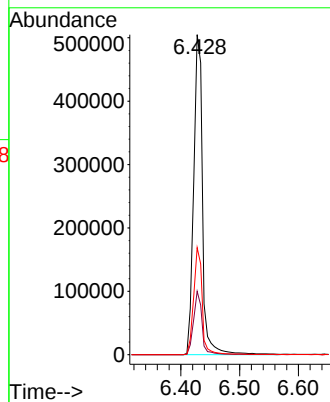
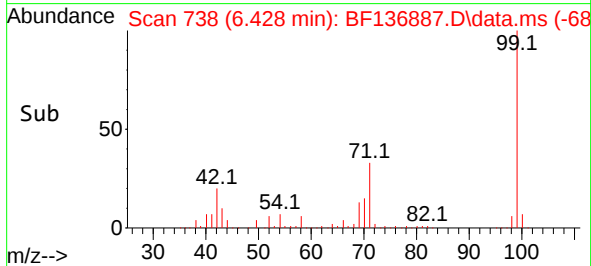


#7
Phenol-d6
Concen: 80.419 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

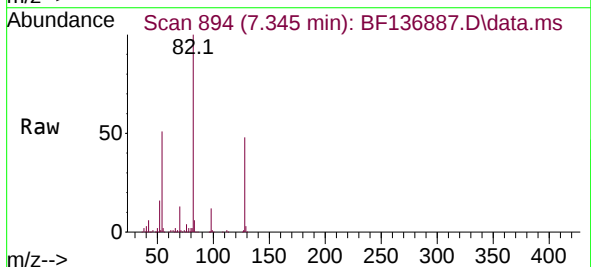
Instrument :
BNA_F
ClientSampleId :



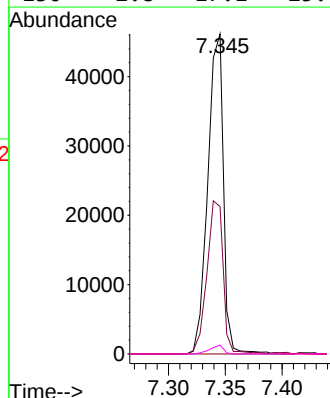
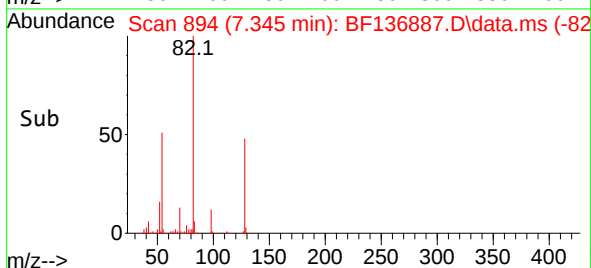
Tgt Ion: 99 Resp: 531726
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.5 27.4 41.2

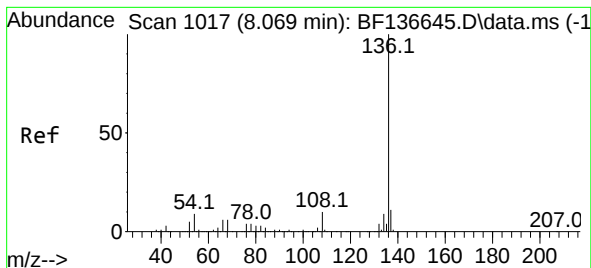


#19
n-Nitroso-di-n-propylamine
Concen: 10.983 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33



Tgt Ion: 70 Resp: 44020
Ion Ratio Lower Upper
70 100
42 46.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

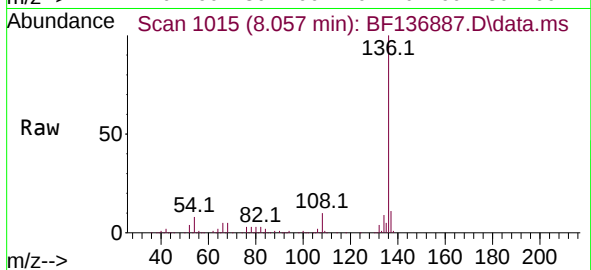
Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 300106

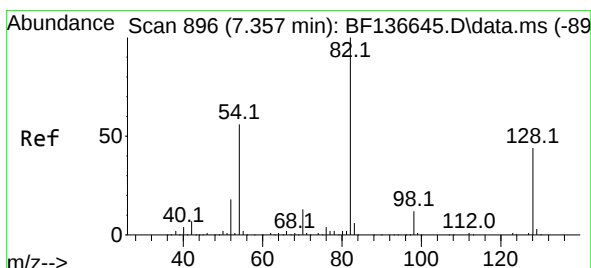
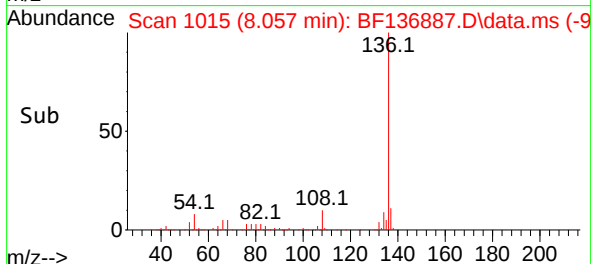
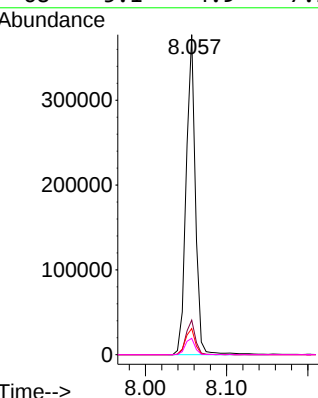
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 8.1 7.2 10.8

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 57.030 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

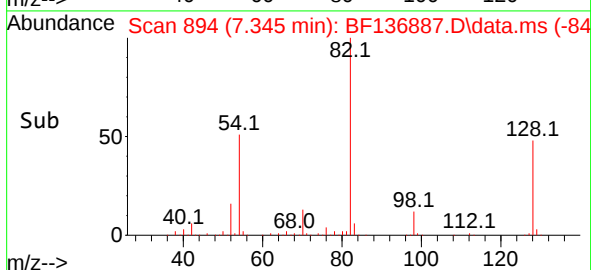
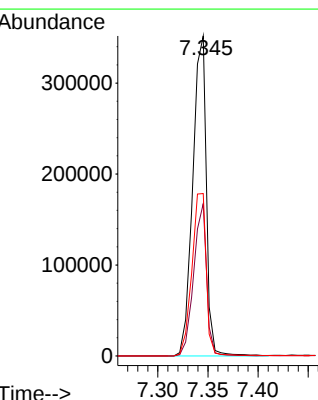
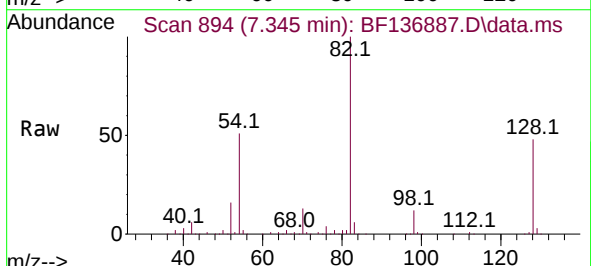
Tgt Ion: 82 Resp: 334470

Ion Ratio Lower Upper

82 100

128 47.6 35.3 52.9

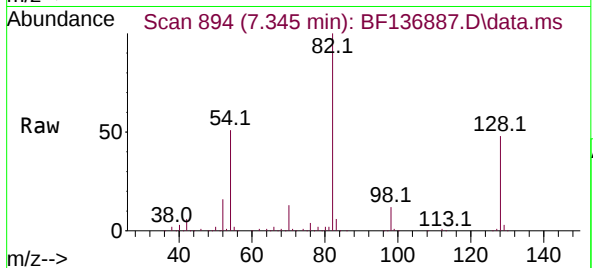
54 50.7 44.5 66.7



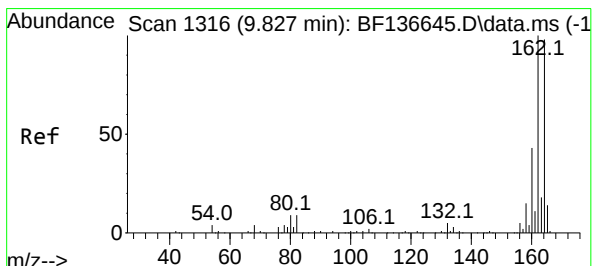
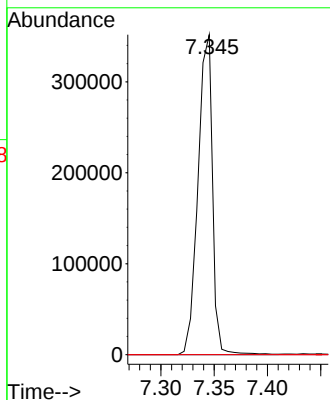
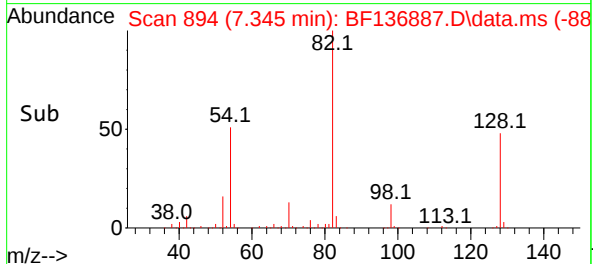


#25
Isophorone
Concen: 31.342 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

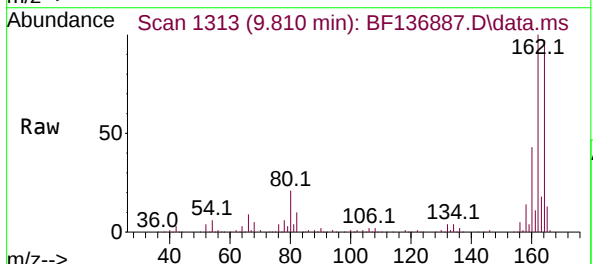
Instrument :
BNA_F
ClientSampleId :



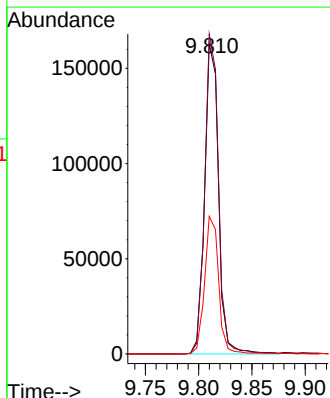
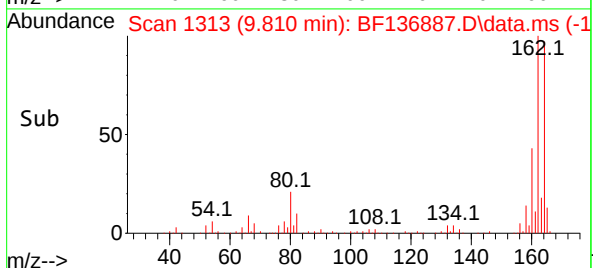
Tgt Ion: 82 Resp: 334466
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#

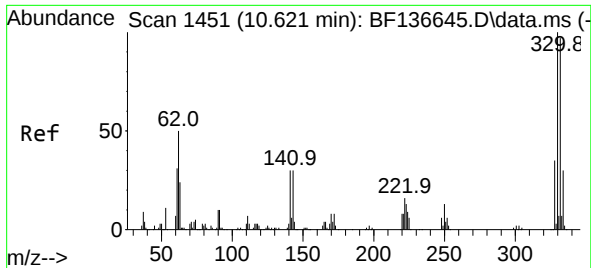


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33



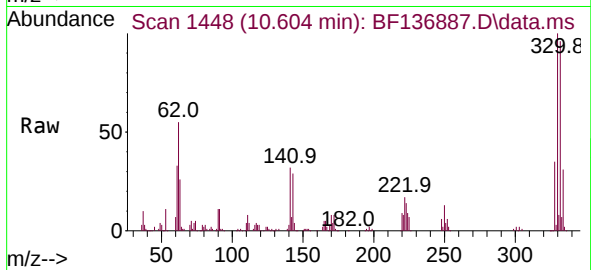
Tgt Ion: 164 Resp: 148724
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 44.3 34.9 52.3



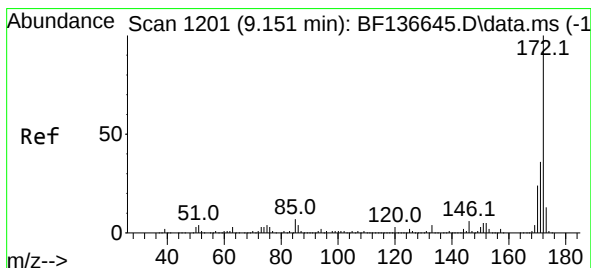
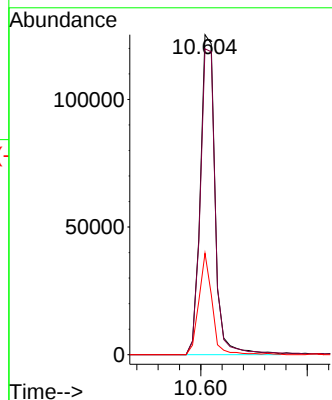
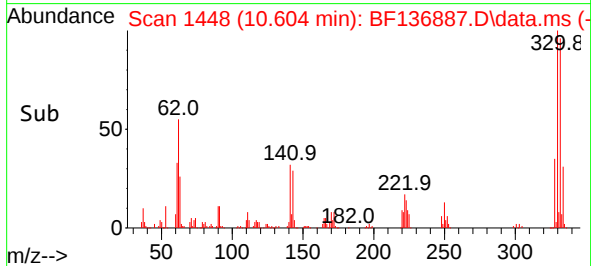


#42
2,4,6-Tribromophenol
Concen: 69.151 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

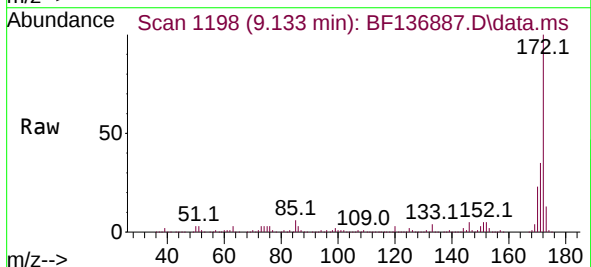
Instrument :
BNA_F
ClientSampleId :



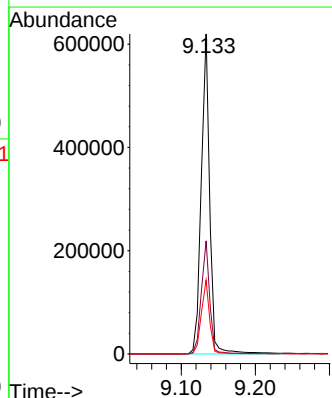
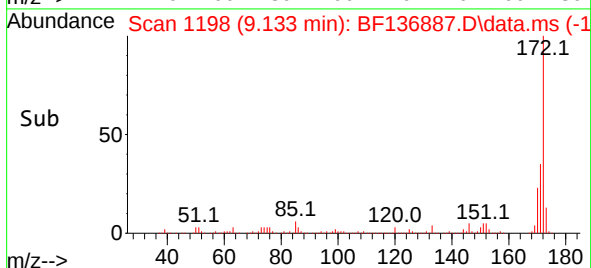
Tgt Ion:330 Resp: 121122
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 28.2 23.4 35.2

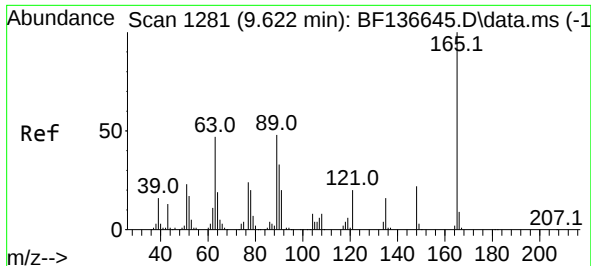


#45
2-Fluorobiphenyl
Concen: 44.312 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33



Tgt Ion:172 Resp: 489984
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.1 19.0 28.4

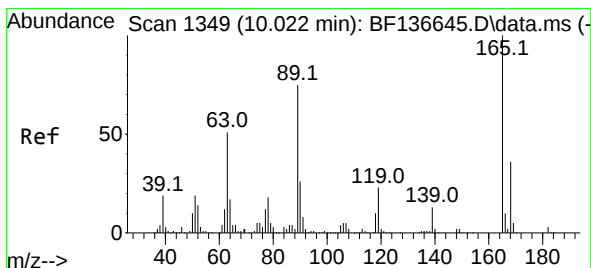
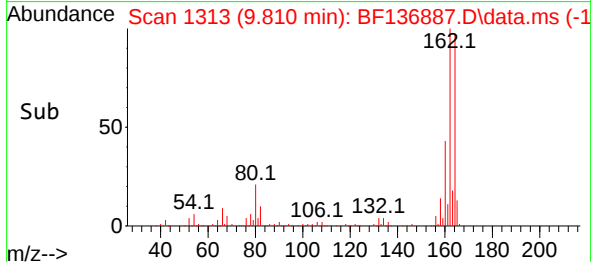
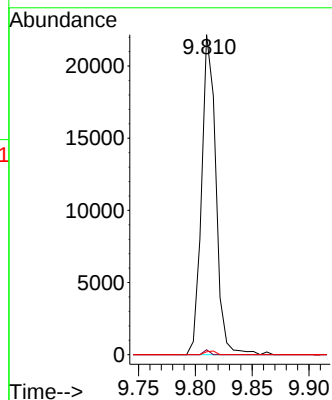
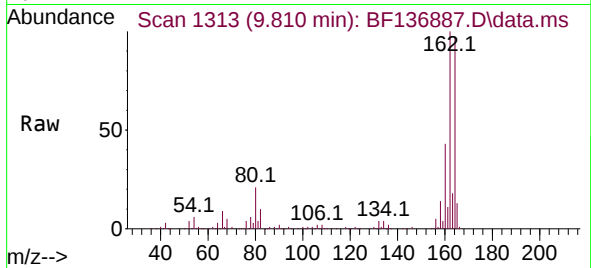




#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

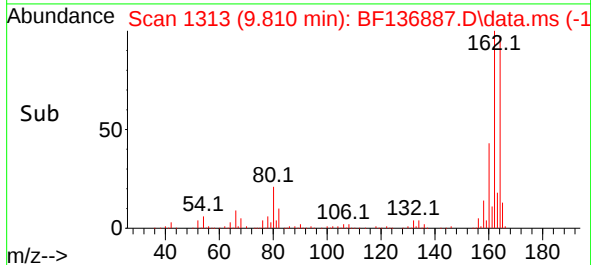
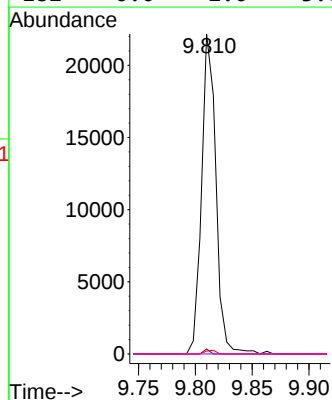
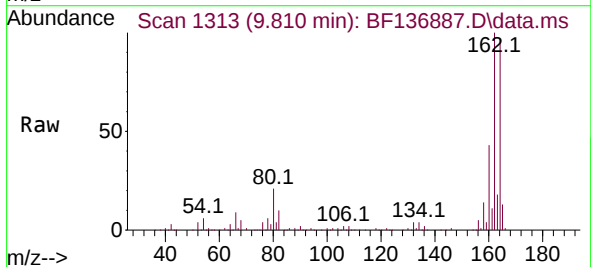
Instrument :
BNA_F
ClientSampleId :

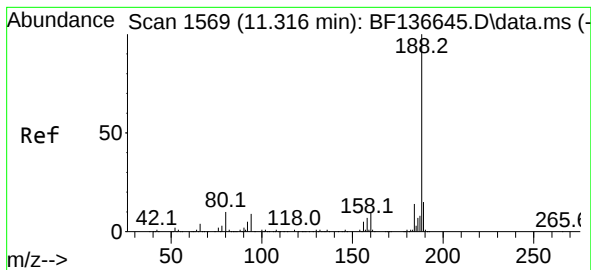
Tgt Ion:165 Resp: 19410
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.065 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

Tgt Ion:165 Resp: 19410
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :

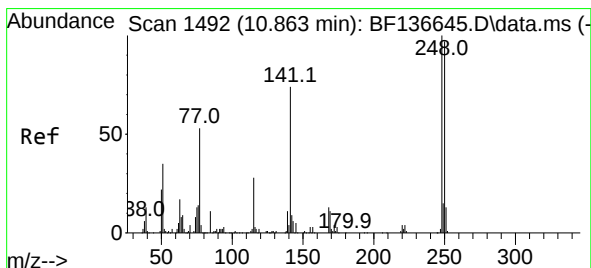
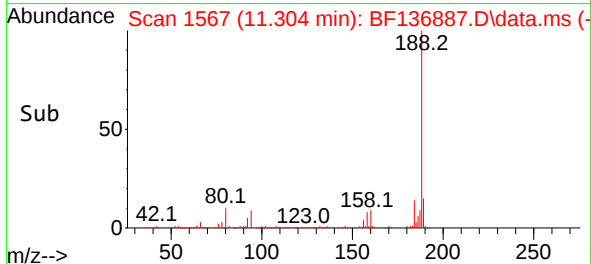
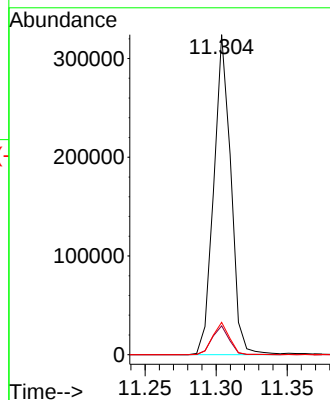
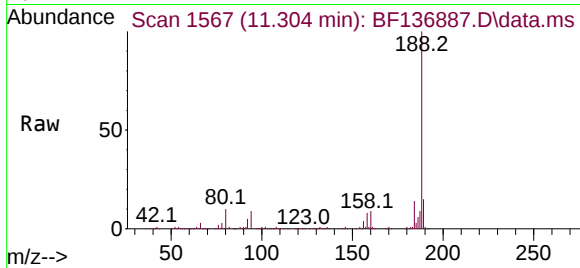
Tgt Ion:188 Resp: 270681

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.1 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.346 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

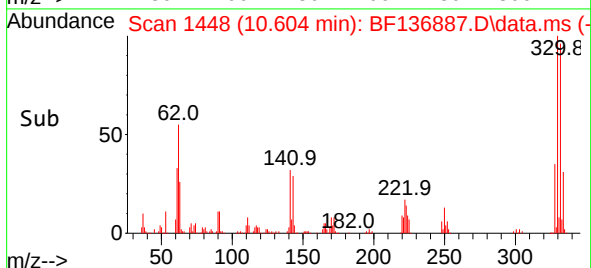
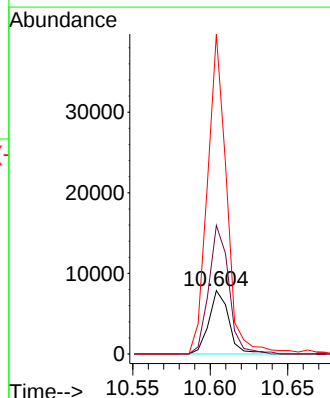
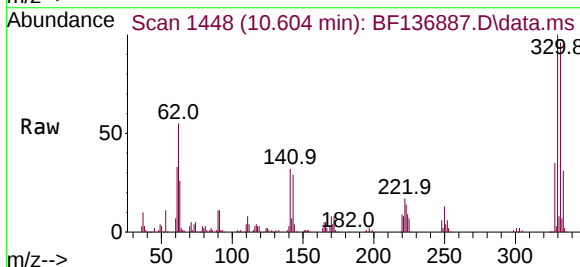
Tgt Ion:248 Resp: 7053

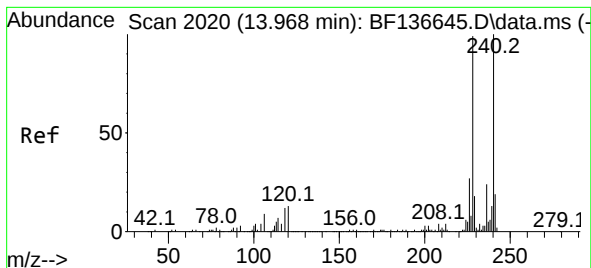
Ion Ratio Lower Upper

248 100

250 203.2 77.8 116.6#

141 505.3 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :

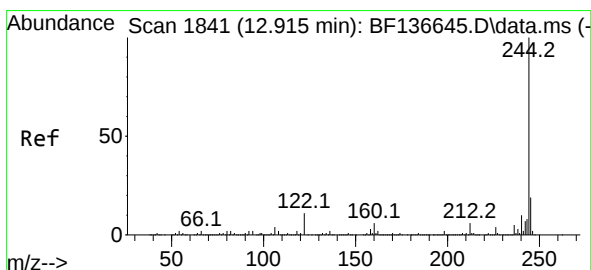
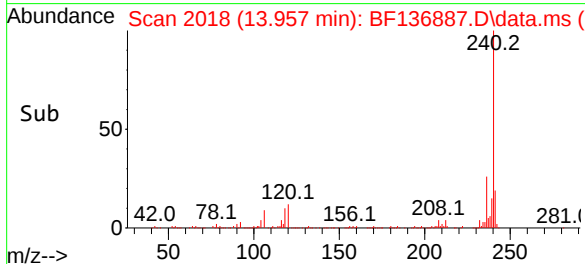
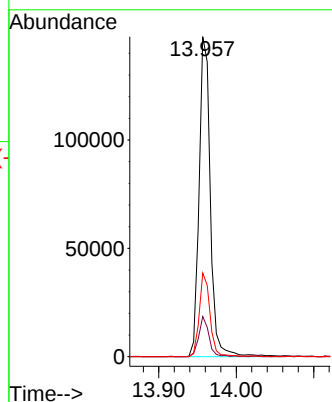
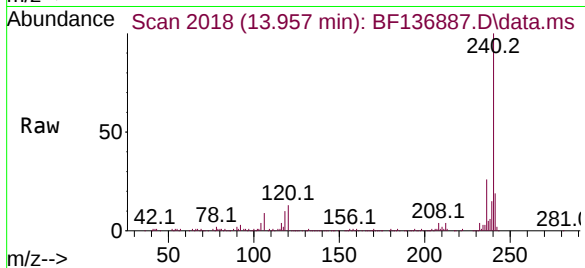
Tgt Ion:240 Resp: 148477

Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

236 26.2 19.4 29.2



#79

Terphenyl-d14

Concen: 36.309 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

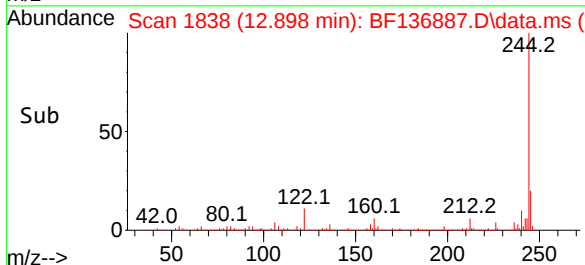
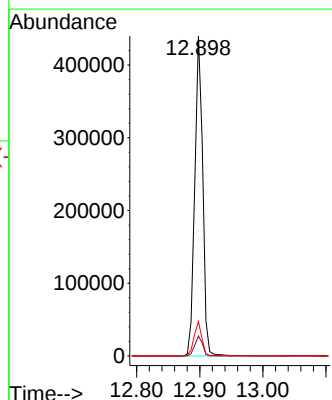
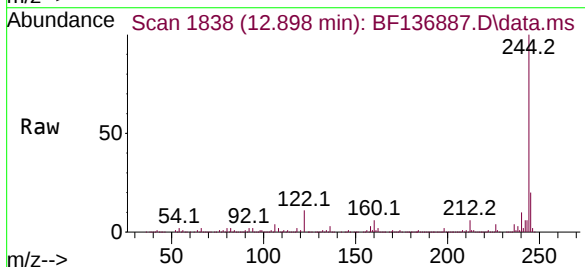
Tgt Ion:244 Resp: 385771

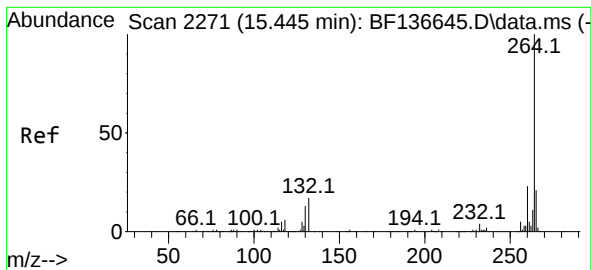
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

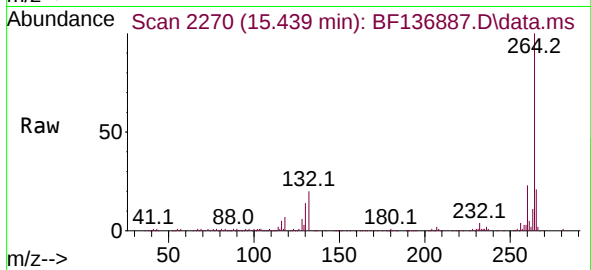
122 10.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 146929

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	20.9	17.0	25.6

