

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123317.D
 Acq On : 26 Feb 2021 23:01
 Operator : JU/CG
 Sample : M1491-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-022521

Quant Time: Feb 26 23:31:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

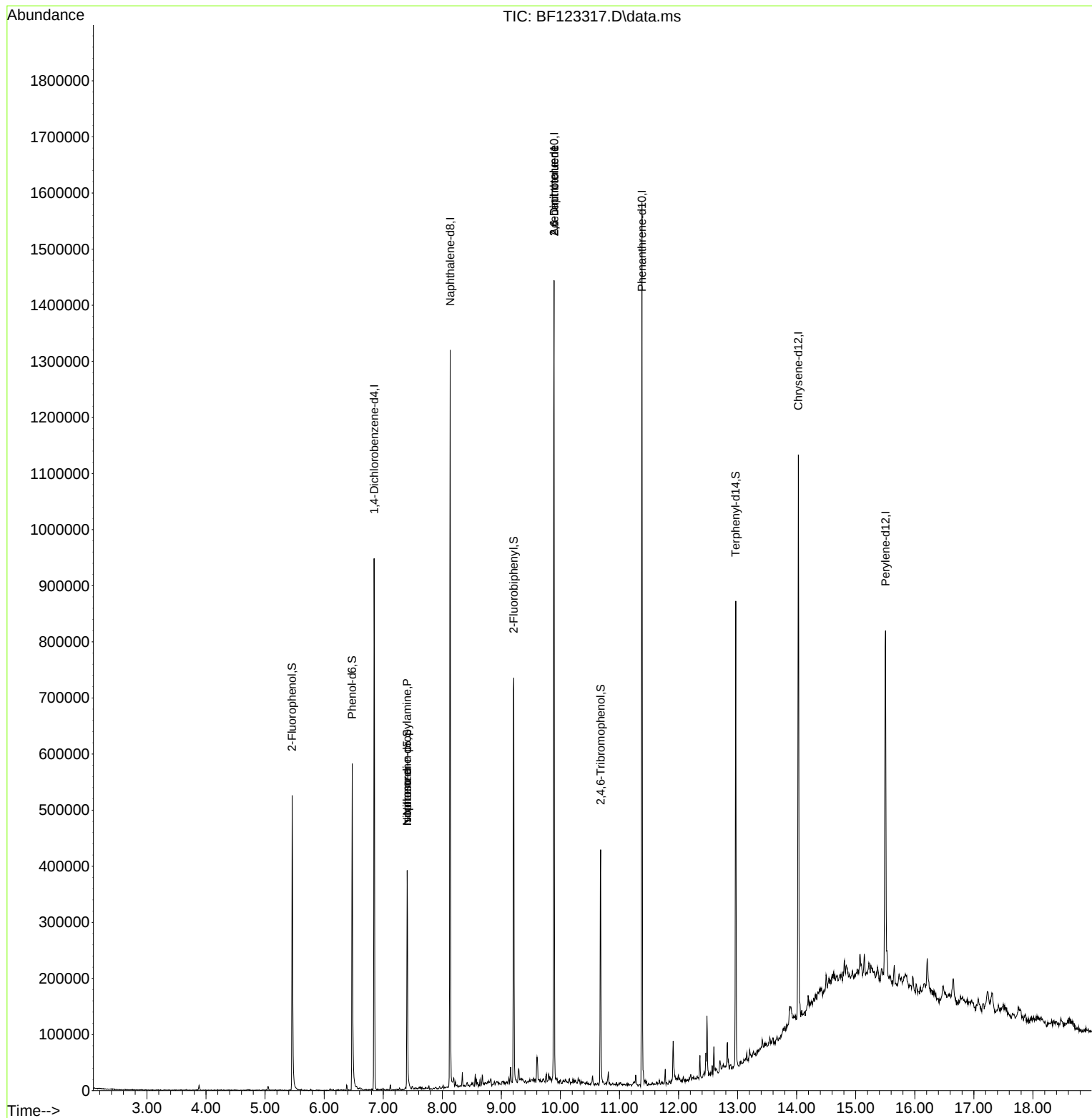
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	124666	20.00	ng	-0.01
21) Naphthalene-d8	8.134	136	506992	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	263087	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	482644	20.00	ng	-0.01
76) Chrysene-d12	14.027	240	305085	20.00	ng	-0.02
86) Perylene-d12	15.504	264	276459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	144283	16.66	ng	-0.02
7) Phenol-d6	6.475	99	191656	16.29	ng	-0.02
23) Nitrobenzene-d5	7.404	82	127937	11.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	40913	15.27	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	217608	11.88	ng	-0.01
79) Terphenyl-d14	12.969	244	210890	13.29	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	147	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	16192	2.31	ng	# 83
25) Isophorone	7.404	82	127935	6.18	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	33743	7.44	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	33743	5.53	ng	# 26

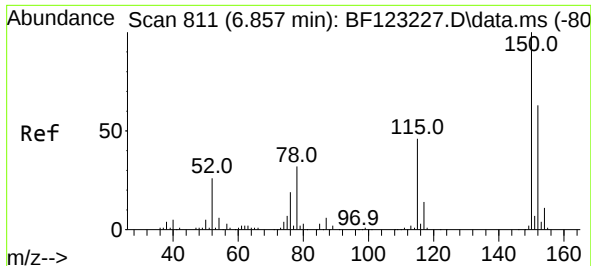
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123317.D
Acq On : 26 Feb 2021 23:01
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Sample : M1491-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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SA-01-022521

Quant Time: Feb 26 23:31:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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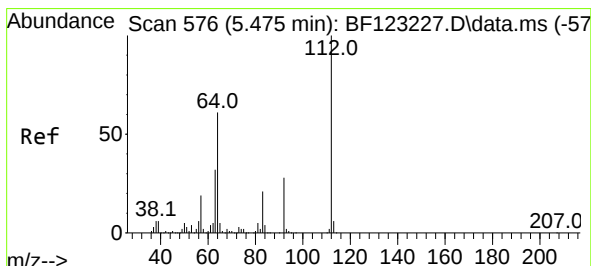
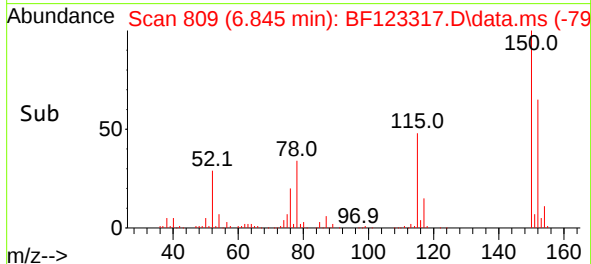
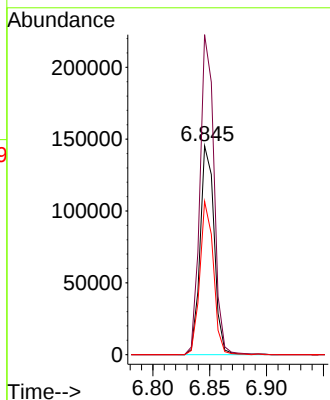
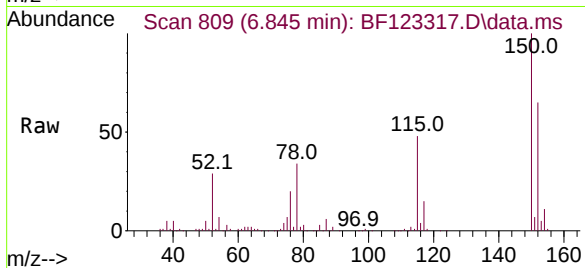




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.012 min
 Lab File: BF123317.D
 Acq: 26 Feb 2021 23:01

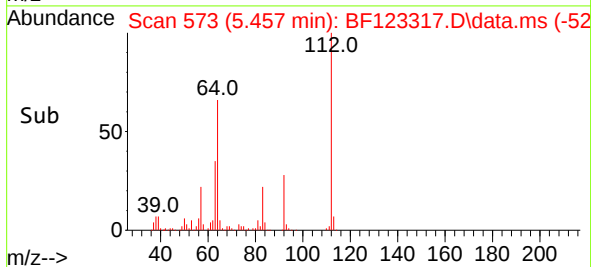
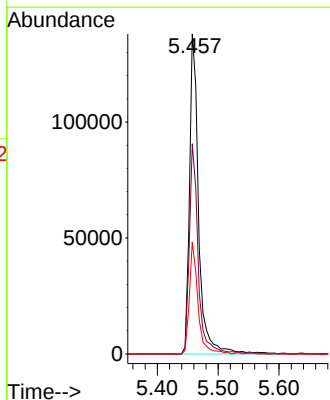
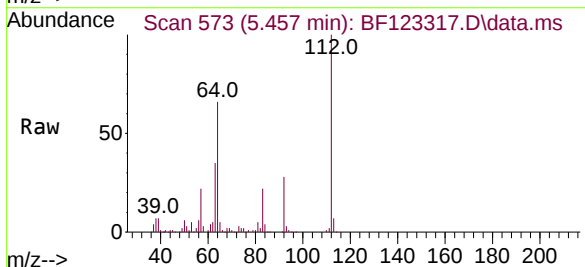
Instrument :
 BNA_F
 ClientSampleId :
 SA-01-022521

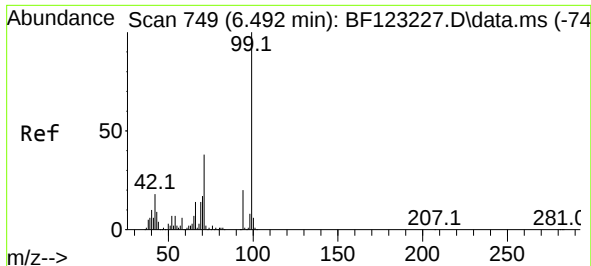
Tgt Ion:152 Resp: 124666
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.8 188.6
 115 73.4 49.3 73.9



#5
 2-Fluorophenol
 Concen: 16.66 ng
 RT: 5.457 min Scan# 573
 Delta R.T. -0.017 min
 Lab File: BF123317.D
 Acq: 26 Feb 2021 23:01

Tgt Ion:112 Resp: 144283
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.9 70.3
 63 35.0 24.5 36.7

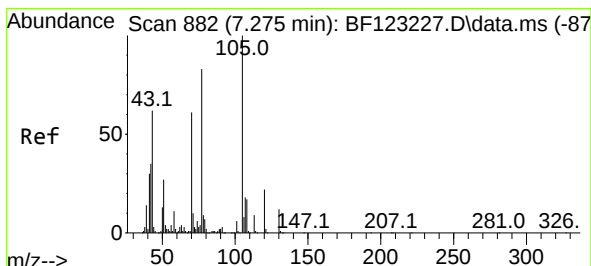
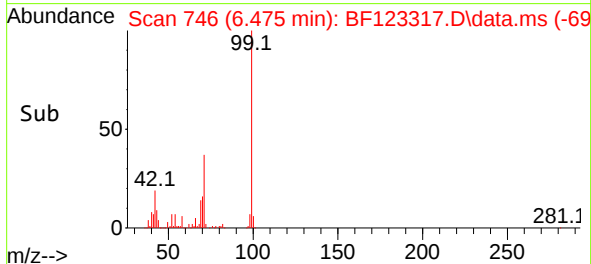
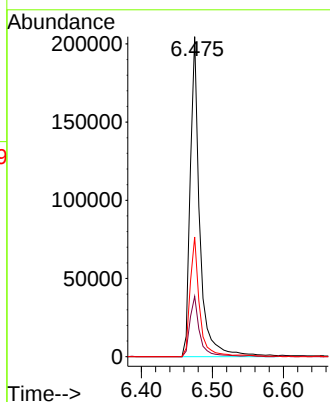
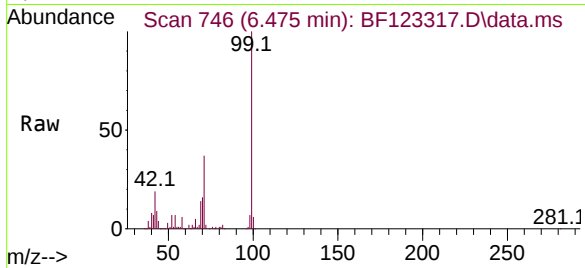




#7
Phenol-d6
Concen: 16.29 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.017 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

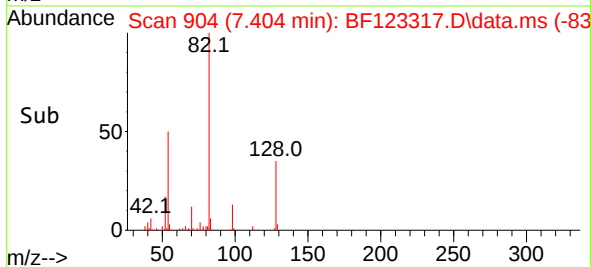
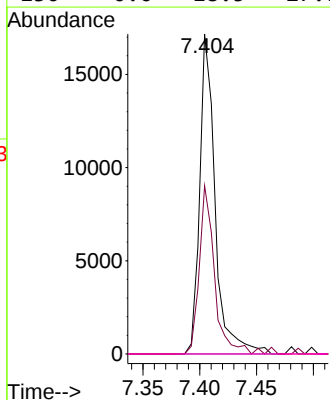
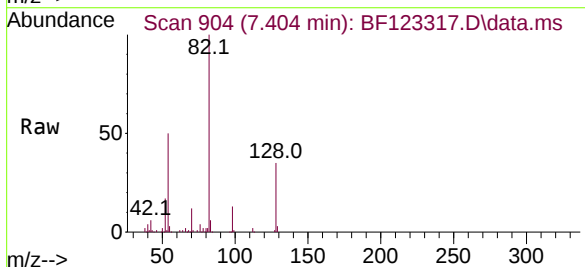
Instrument :
BNA_F
ClientSampleId :
SA-01-022521

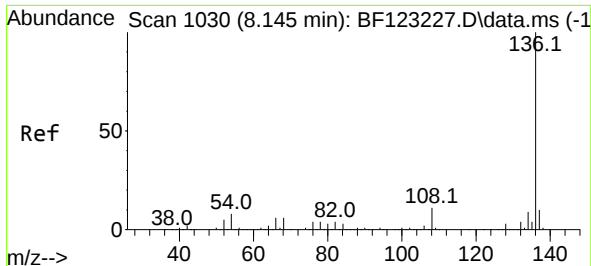
Tgt Ion: 99 Resp: 191656
Ion Ratio Lower Upper
99 100
42 18.9 13.8 20.6
71 37.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.31 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.130 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

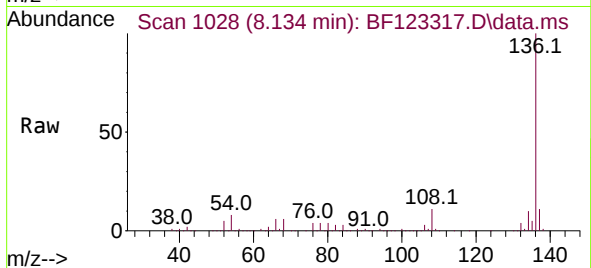
Tgt Ion: 70 Resp: 16192
Ion Ratio Lower Upper
70 100
42 52.6 43.0 64.4
101 0.0 7.9 11.9#
130 0.0 18.5 27.7#





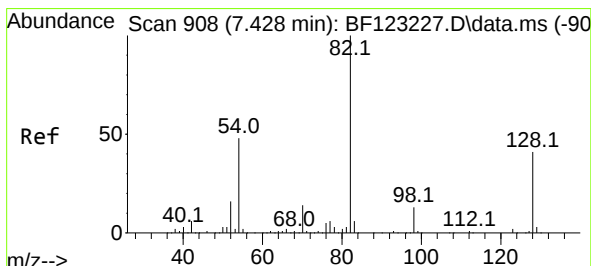
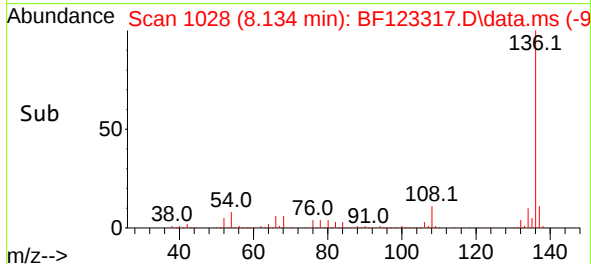
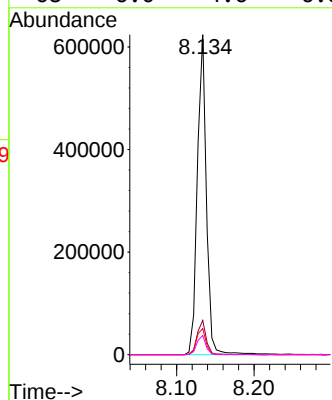
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

Instrument :
BNA_F
ClientSampleId :
SA-01-022521



Tgt Ion: 136 Resp: 506992

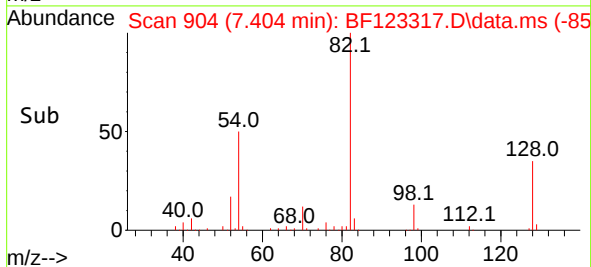
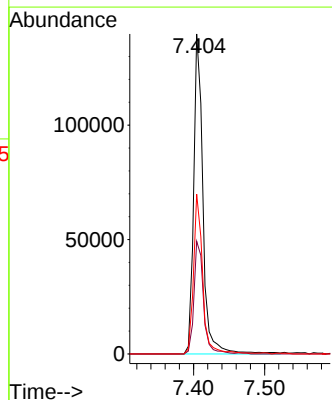
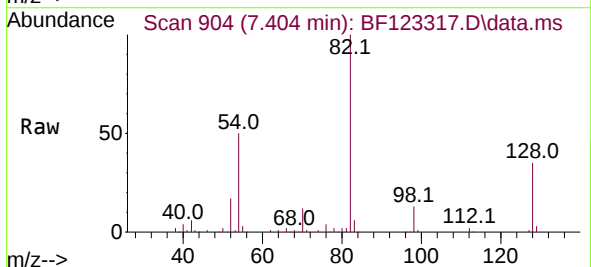
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	5.5	8.3
68	6.0	4.6	6.8

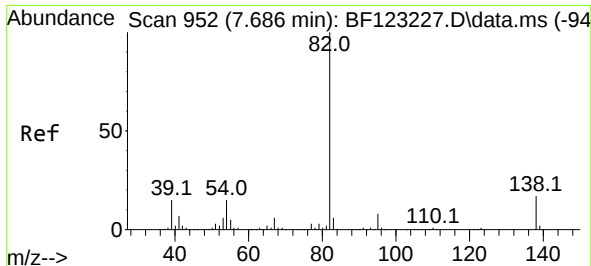


#23
Nitrobenzene-d5
Concen: 11.55 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.023 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

Tgt Ion: 82 Resp: 127937

Ion	Ratio	Lower	Upper
82	100		
128	35.2	37.0	55.4#
54	49.9	38.4	57.6

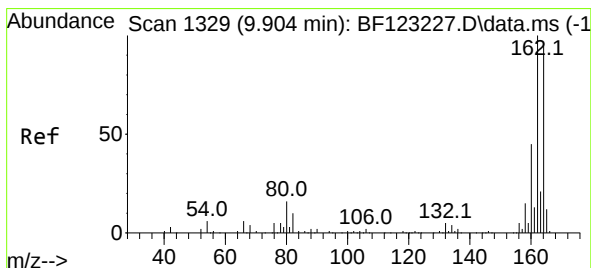
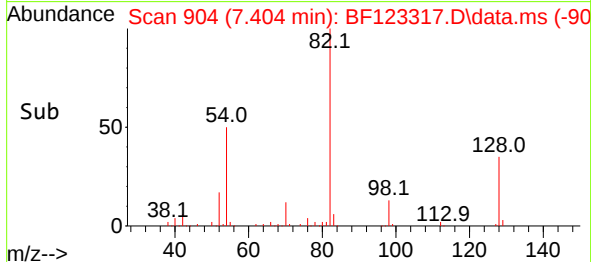
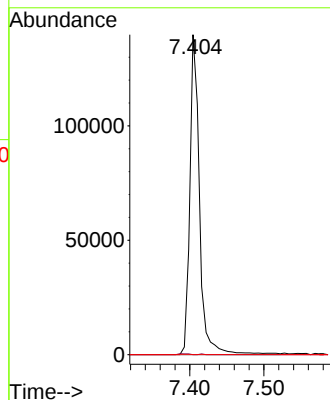
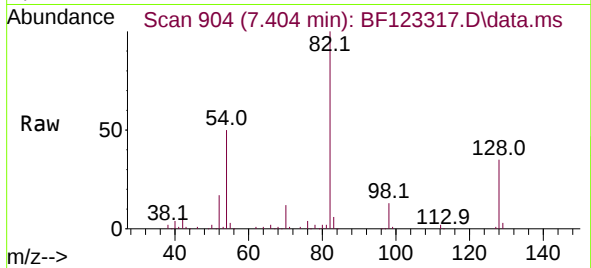




#25
Isophorone
Concen: 6.18 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.282 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

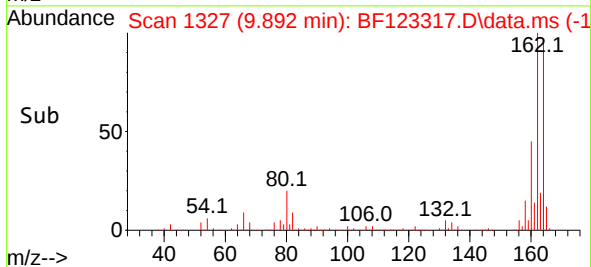
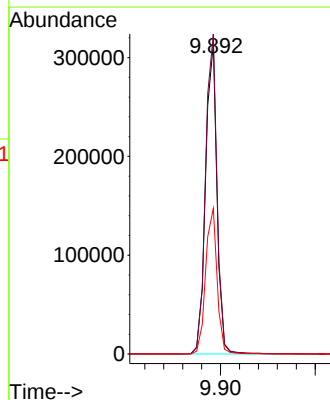
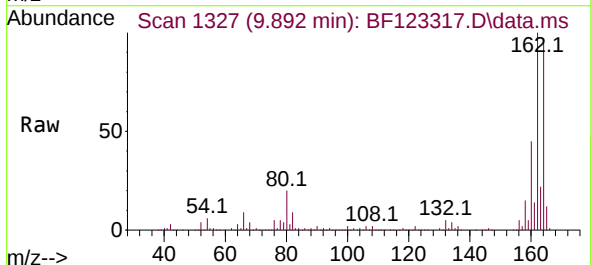
Instrument :
BNA_F
ClientSampleId :
SA-01-022521

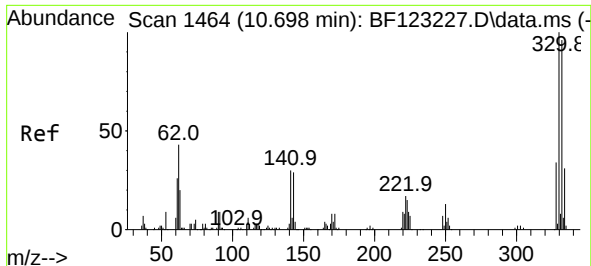
Tgt Ion: 82 Resp: 127935
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

Tgt Ion: 164 Resp: 263087
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 46.9 35.4 53.0

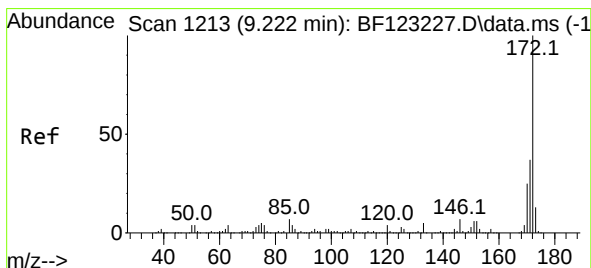
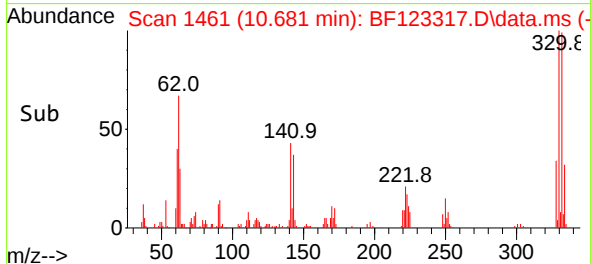
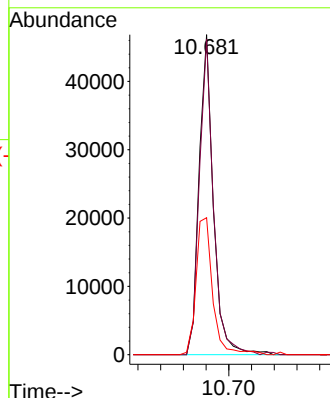
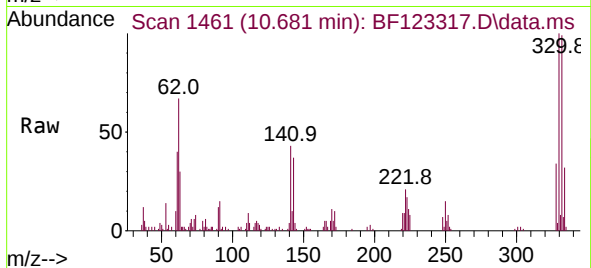




#42
2,4,6-Tribromophenol
Concen: 15.27 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.017 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

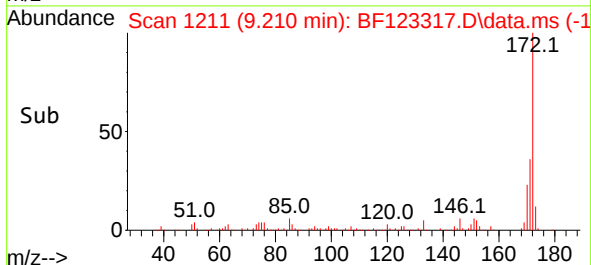
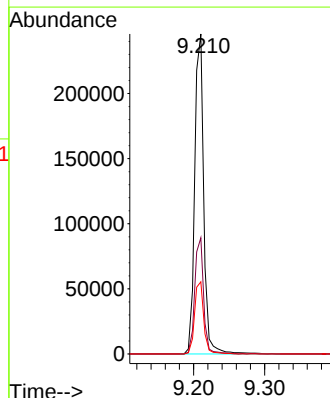
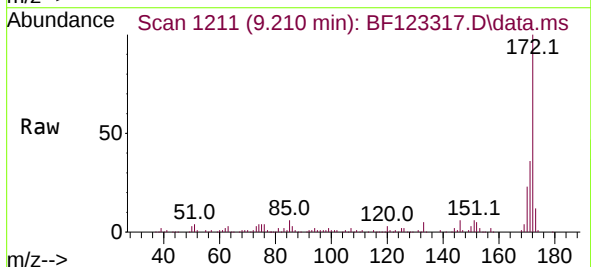
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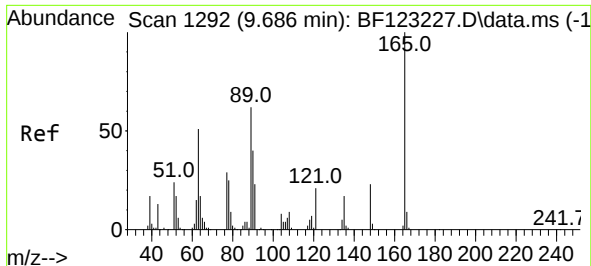
Tgt Ion:330 Resp: 40913
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 49.9 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 11.88 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

Tgt Ion:172 Resp: 217608
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 22.6 19.5 29.3

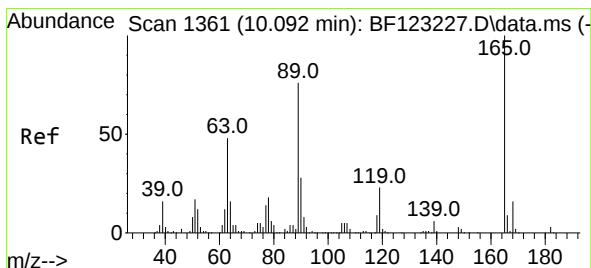
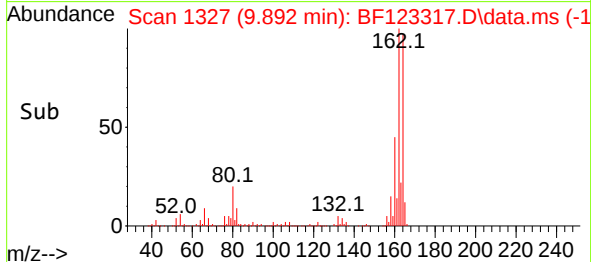
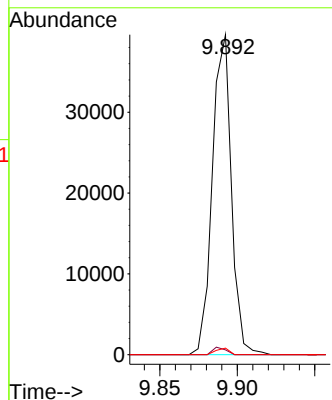
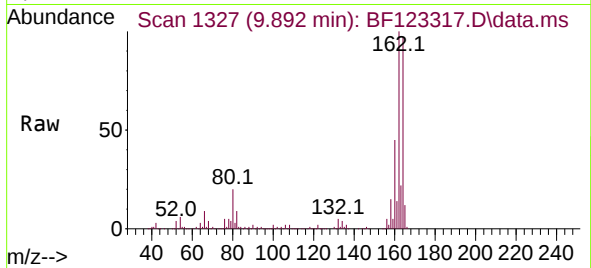




#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

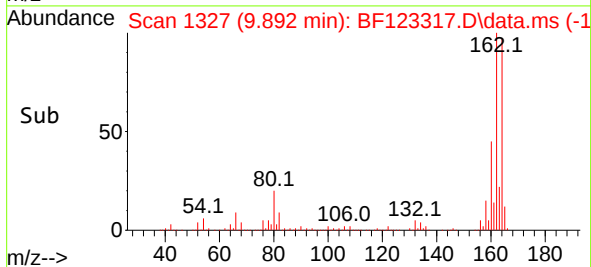
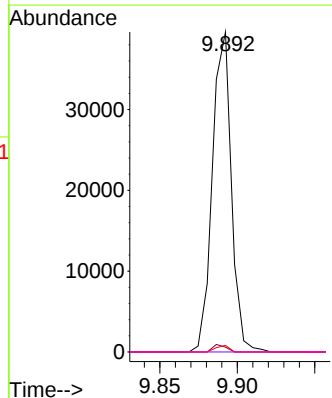
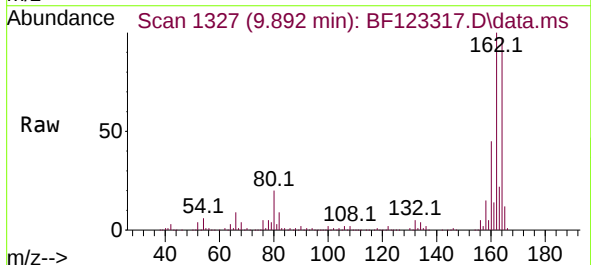
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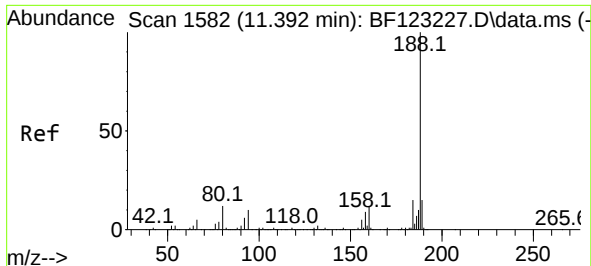
Tgt Ion:165 Resp: 33743
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 2.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

Tgt Ion:165 Resp: 33743
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

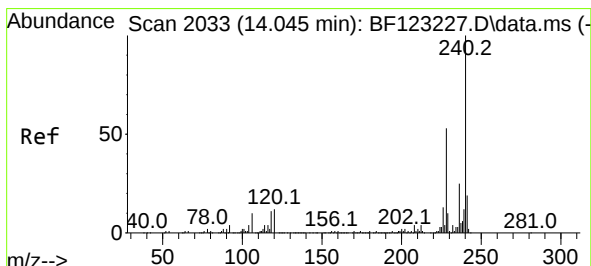
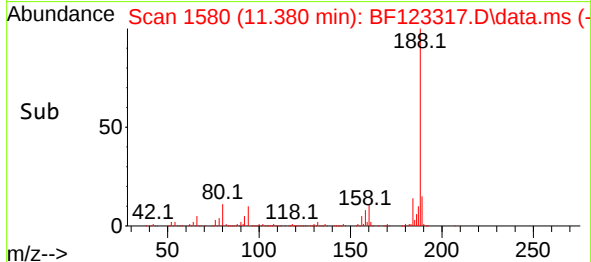
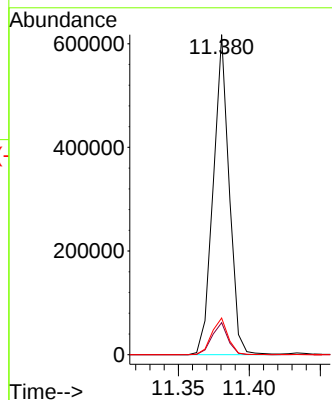
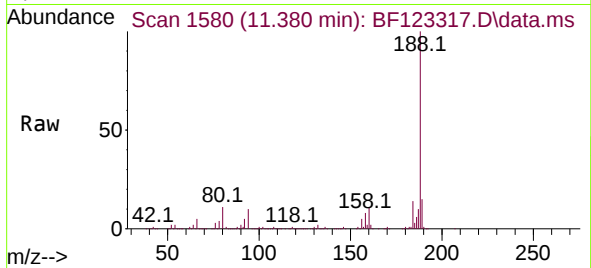




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

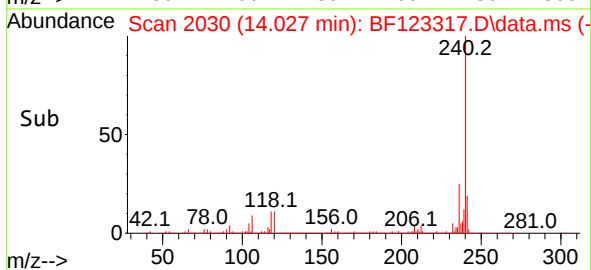
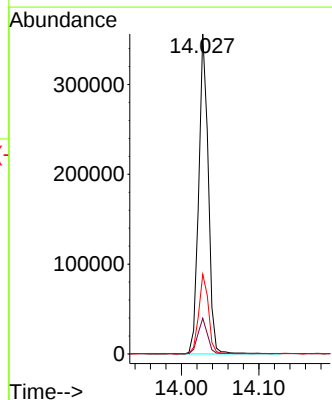
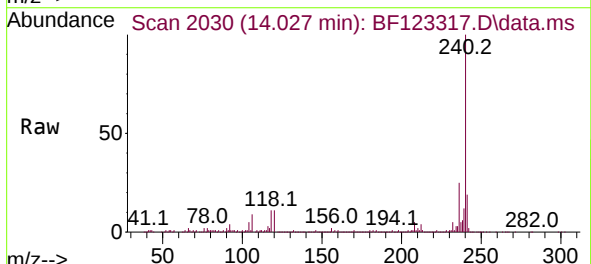
Instrument :
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SA-01-022521

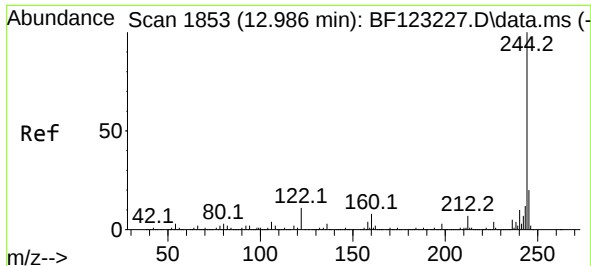
Tgt Ion:188 Resp: 482644
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

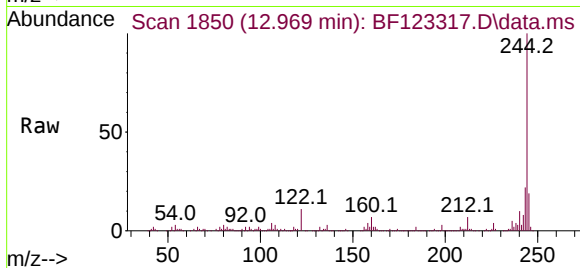
Tgt Ion:240 Resp: 305085
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.9 20.3 30.5



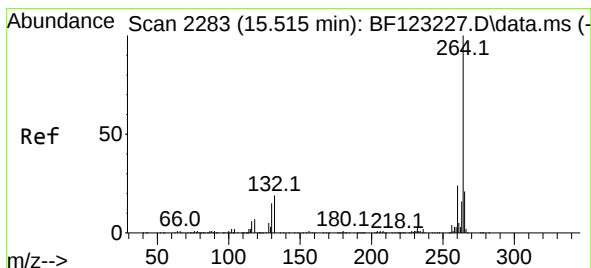
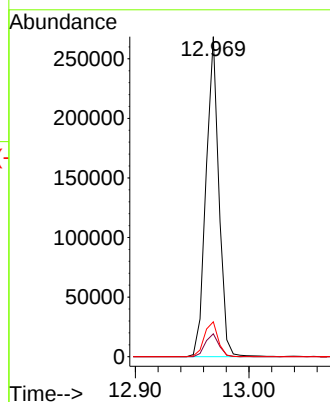
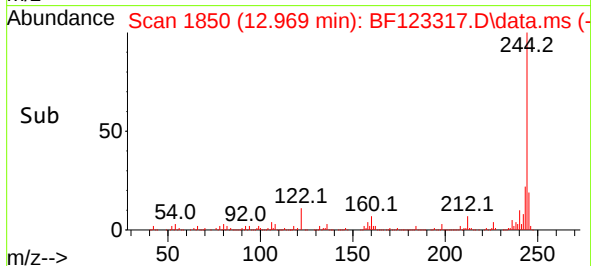


#79
Terphenyl-d14
Concen: 13.29 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.017 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01

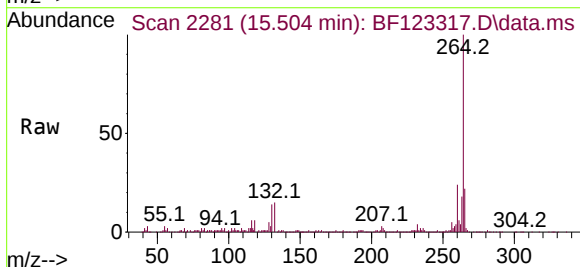
Instrument :
BNA_F
ClientSampleId :
SA-01-022521



Tgt Ion:244 Resp: 210890
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF123317.D
Acq: 26 Feb 2021 23:01



Tgt Ion:264 Resp: 276459
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.2 17.0 25.6

