

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128750.D
 Acq On : 09 Jun 2022 16:50
 Operator : CG\JU
 Sample : N3270-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A

Quant Time: Jun 10 03:28:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

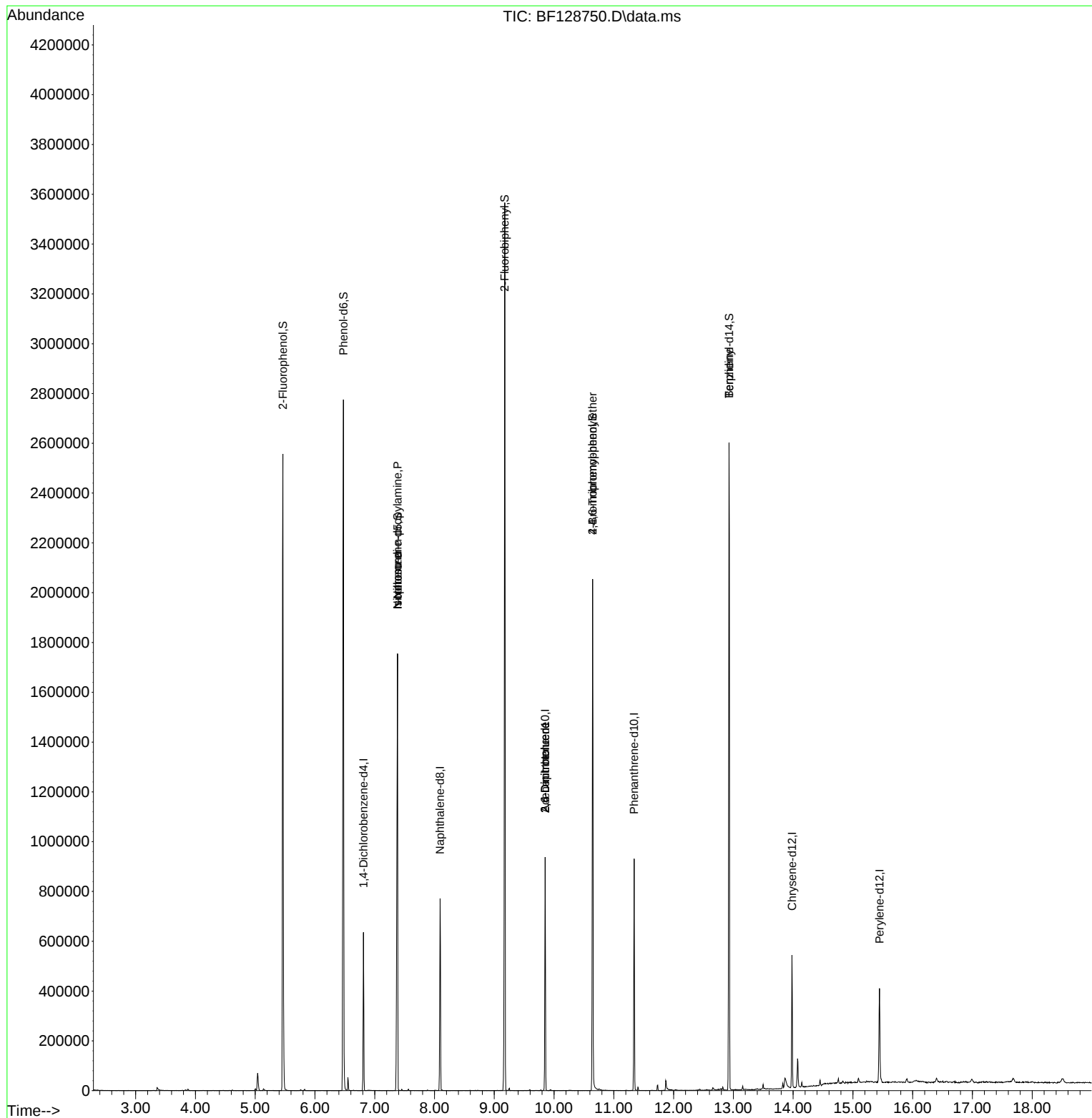
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	78847	20.000	ng	0.00
21) Naphthalene-d8	8.093	136	303519	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	170633	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	300298	20.000	ng	0.00
76) Chrysene-d12	13.980	240	170478	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	167084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	610560	123.343	ng	0.00
7) Phenol-d6	6.475	99	784596	129.847	ng	0.00
23) Nitrobenzene-d5	7.381	82	561511	86.134	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	246384	122.207	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1042606	85.592	ng	0.00
79) Terphenyl-d14	12.928	244	930759	94.870	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	78900	21.001	ng	# 76
25) Isophorone	7.381	82	560623	56.623	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	22317	9.681	ng	# 25
57) 2,4-Dinitrotoluene	9.851	165	22317	7.254	ng	# 21
67) 4-Bromophenyl-phenylether	10.645	248	15655	4.675	ng	# 1
77) Benzidine	12.928	184	13485	3.968	ng	# 94

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

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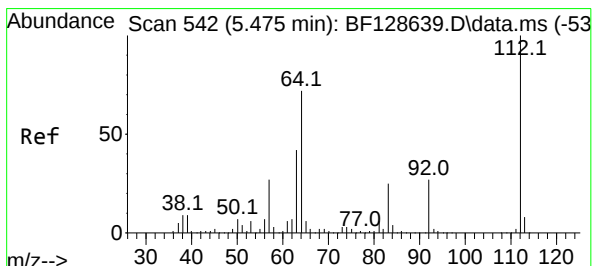
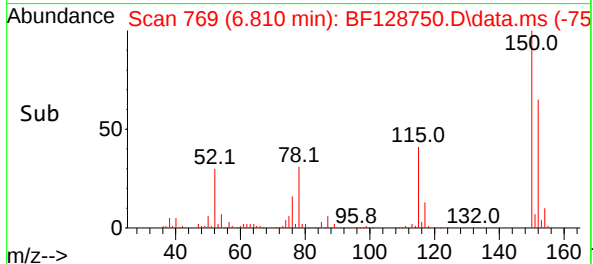
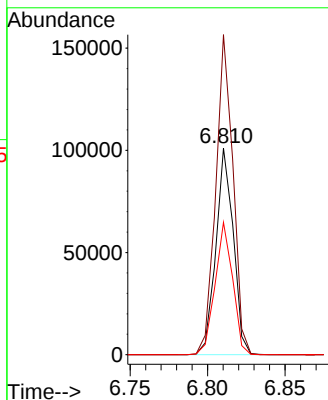
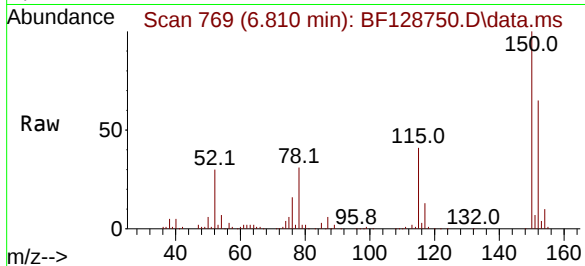




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

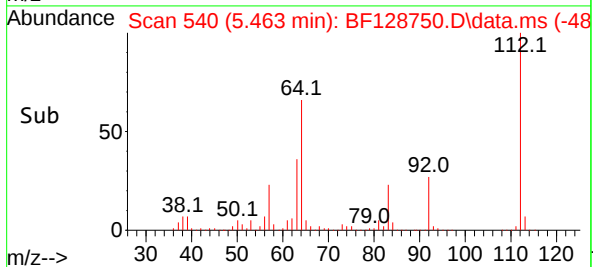
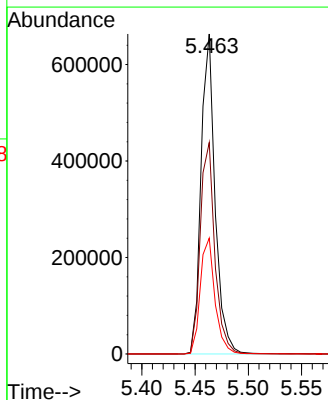
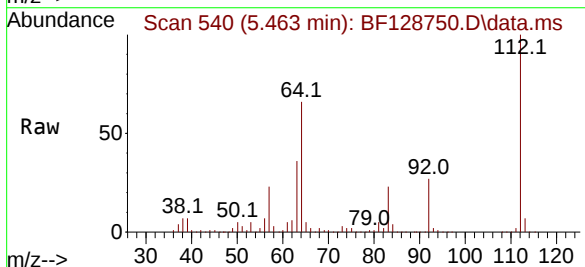
Instrument :
BNA_F
ClientSampleId :
TP-3A

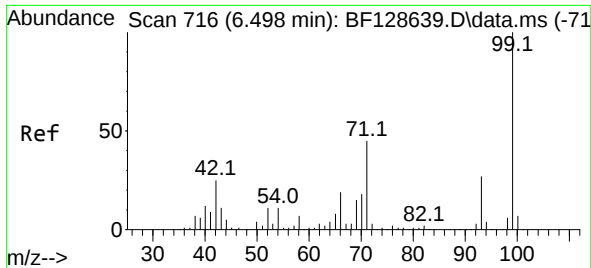
Tgt Ion:152 Resp: 78847
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 123.343 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion:112 Resp: 610560
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 36.2 28.0 42.0

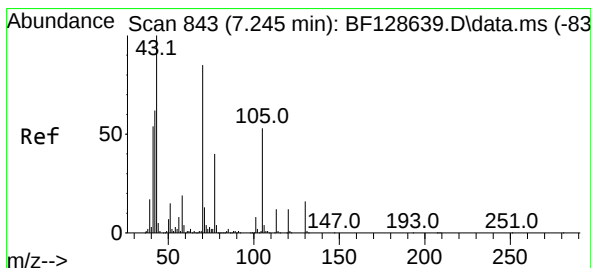
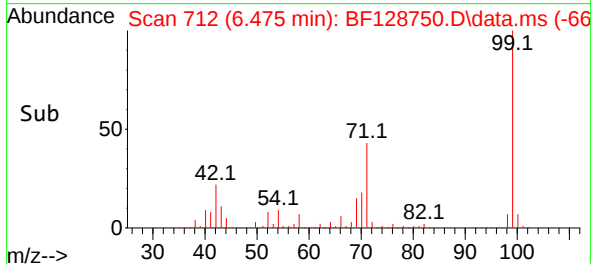
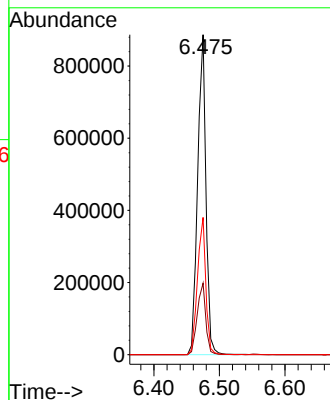
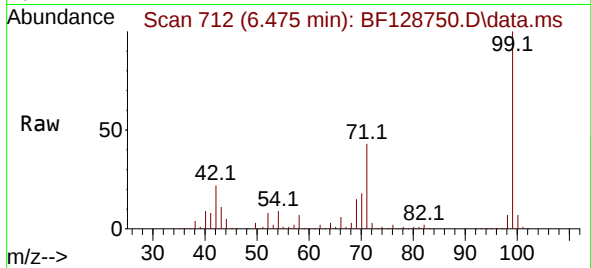




#7
Phenol-d6
Concen: 129.847 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

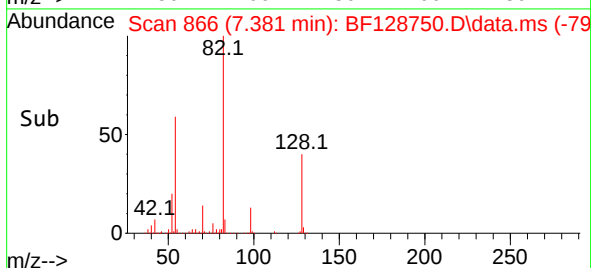
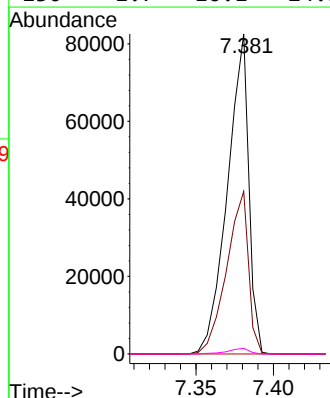
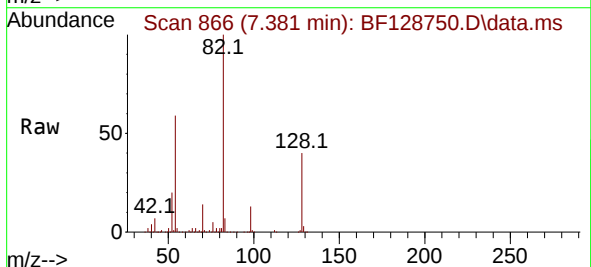
Instrument :
BNA_F
ClientSampleId :
TP-3A

Tgt Ion: 99 Resp: 784596
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.001 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.147 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion: 70 Resp: 78900
Ion Ratio Lower Upper
70 100
42 50.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

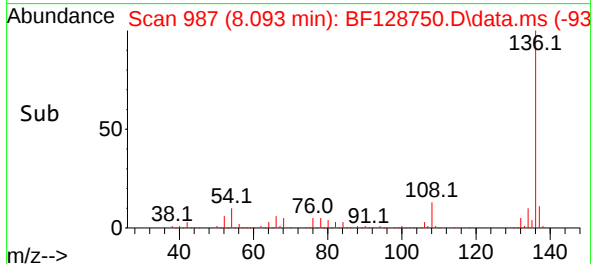
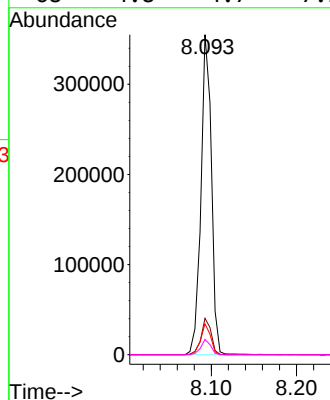
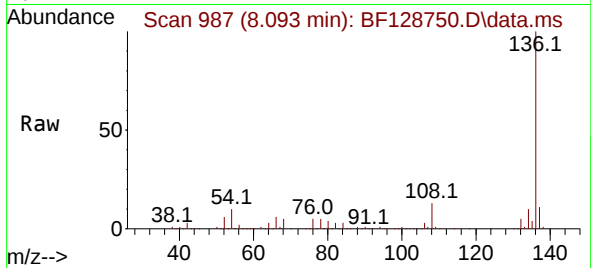




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.093 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

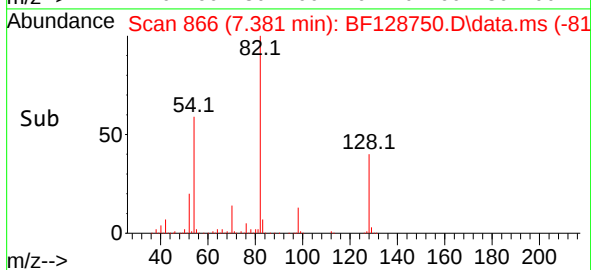
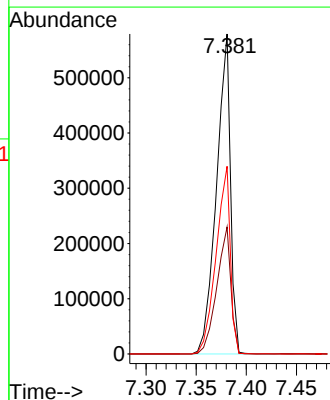
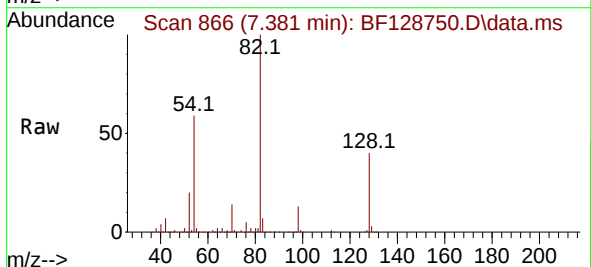
Instrument :
BNA_F
ClientSampleId :
TP-3A

Tgt Ion:136 Resp: 303519
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.7 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.134 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion: 82 Resp: 561511
Ion Ratio Lower Upper
82 100
128 39.7 34.0 51.0
54 58.7 46.9 70.3

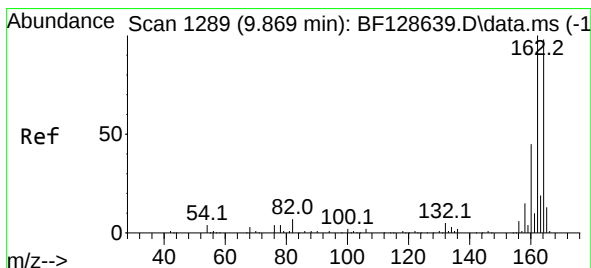
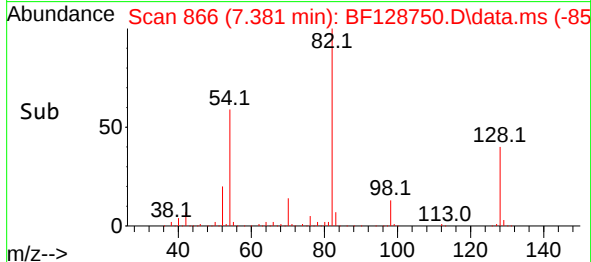
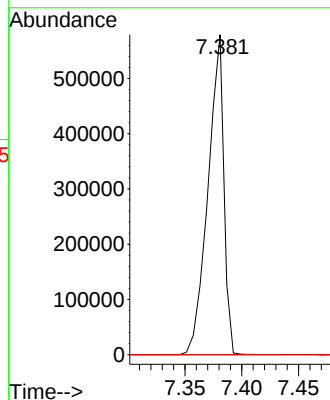
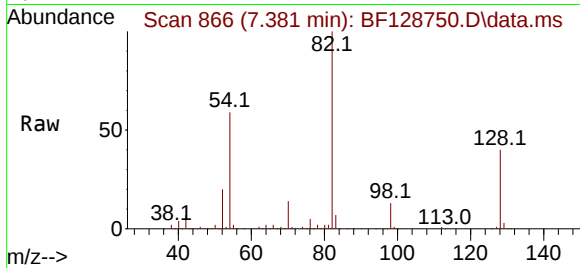




#25
Isophorone
Concen: 56.623 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

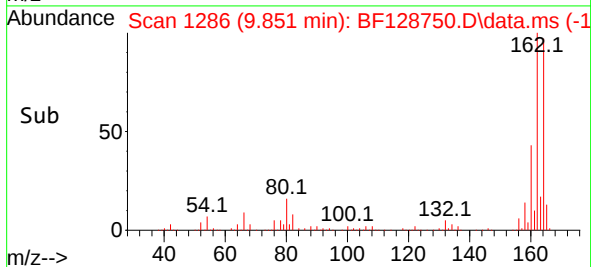
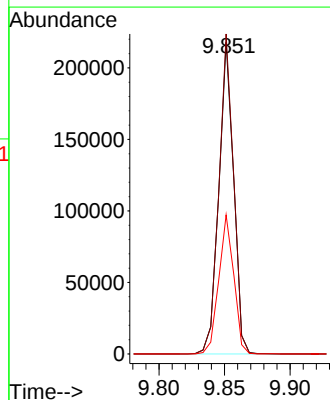
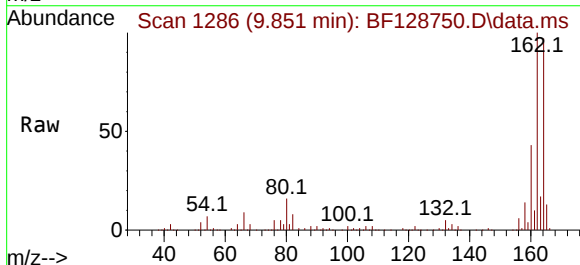
Instrument :
BNA_F
ClientSampleId :
TP-3A

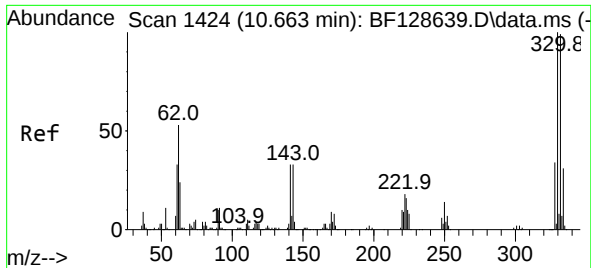
Tgt Ion: 82 Resp: 560623
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

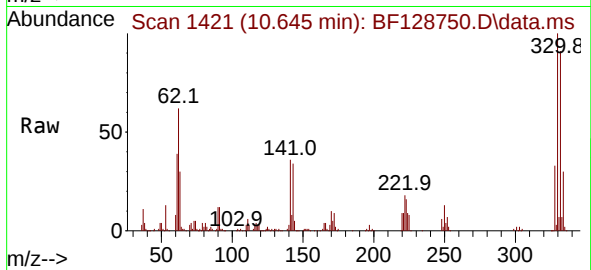
Tgt Ion:164 Resp: 170633
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.6 34.2 51.4



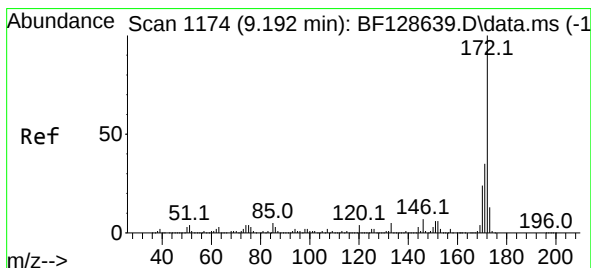
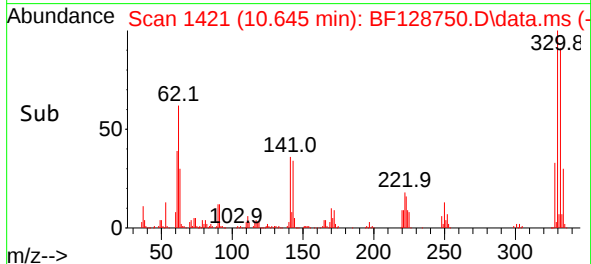
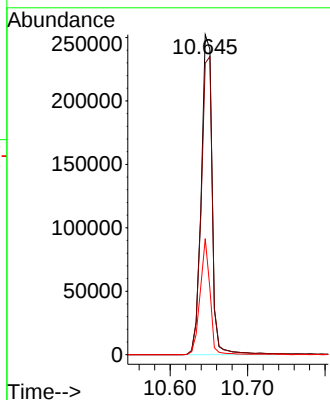


#42
2,4,6-Tribromophenol
Concen: 122.207 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Instrument :
BNA_F
ClientSampleId :
TP-3A

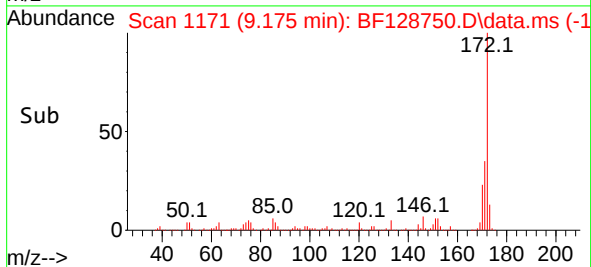
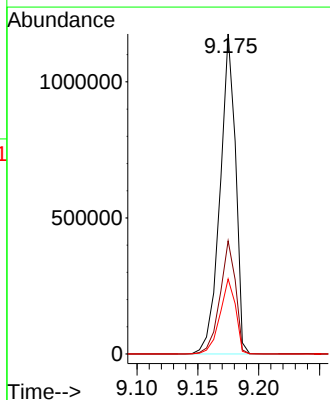
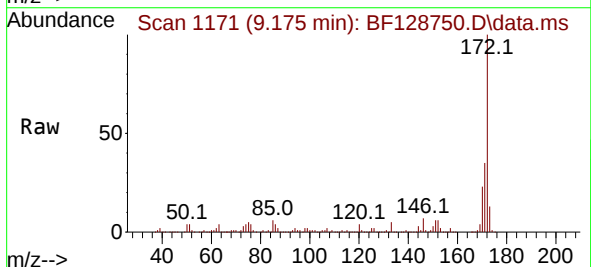


Tgt Ion:330 Resp: 246384
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 32.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.592 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion:172 Resp: 1042606
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.5 19.8 29.8

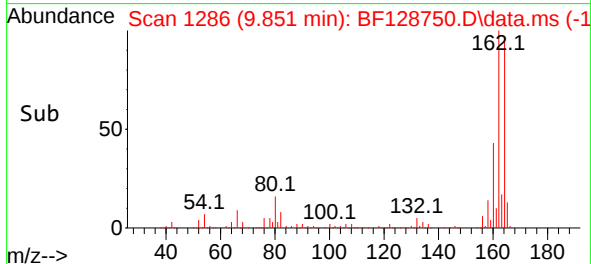
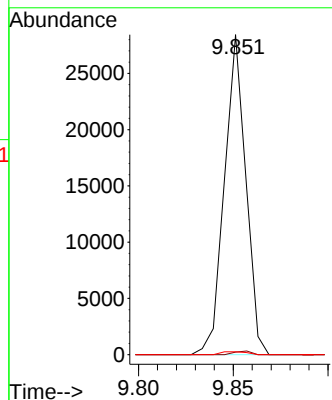
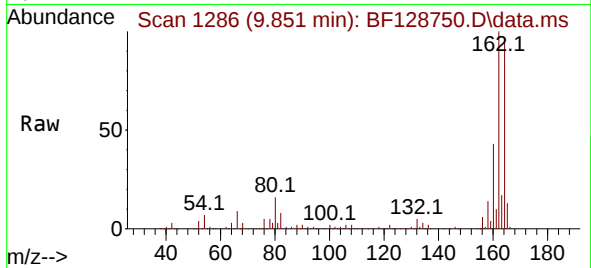




#51
2,6-Dinitrotoluene
Concen: 9.681 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

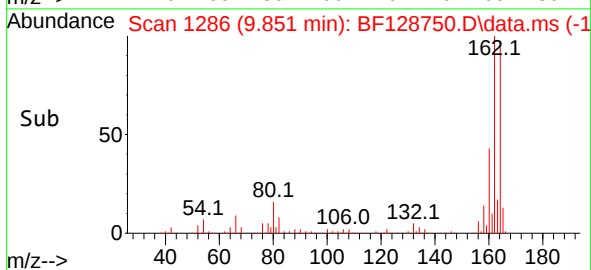
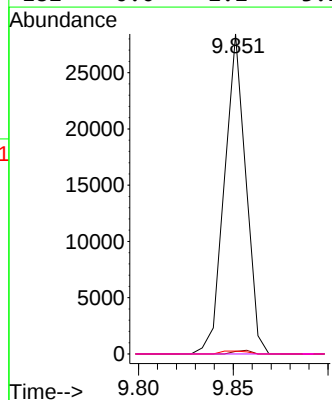
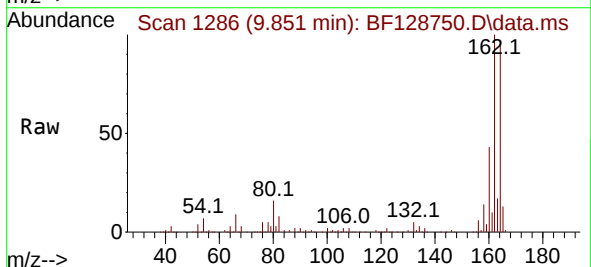
Instrument :
BNA_F
ClientSampleId :
TP-3A

Tgt Ion:165 Resp: 22317
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 0.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.254 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.194 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion:165 Resp: 22317
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#

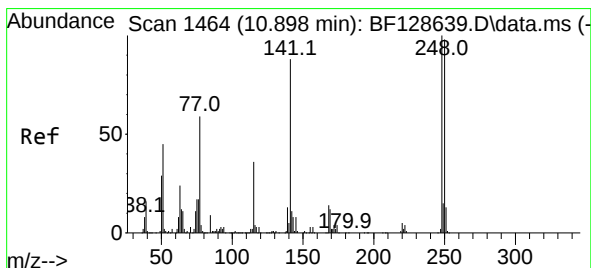
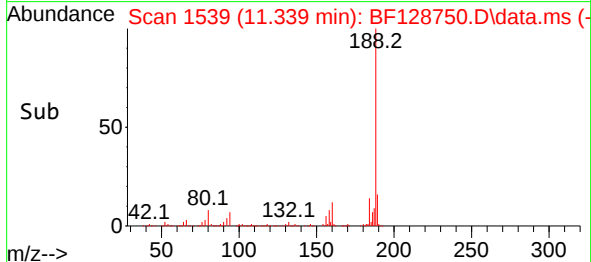
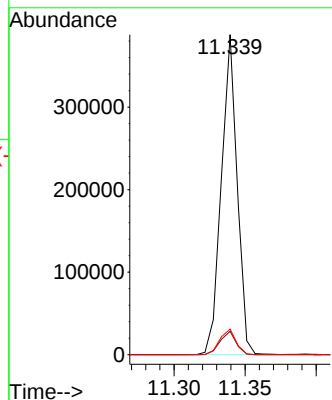
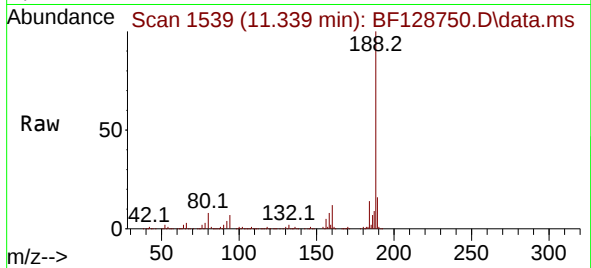




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

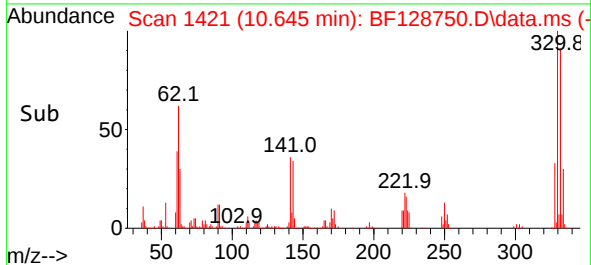
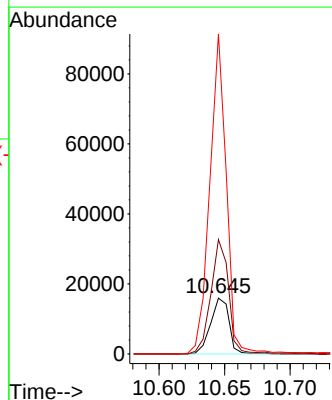
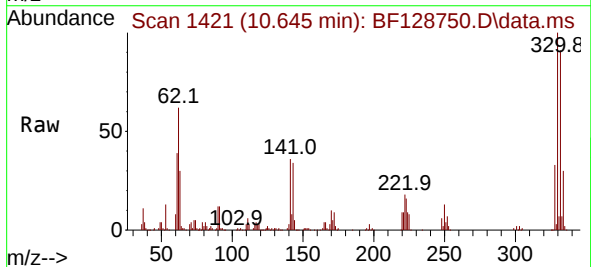
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BNA_F
ClientSampleId :
TP-3A

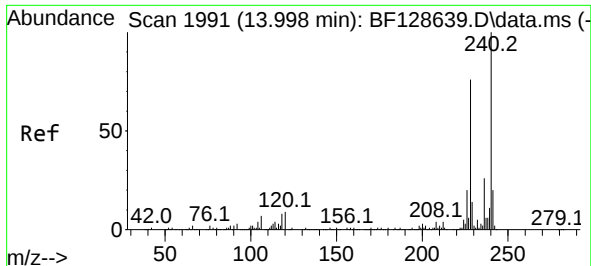
Tgt Ion:188 Resp: 300298
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.675 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.241 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

Tgt Ion:248 Resp: 15655
Ion Ratio Lower Upper
248 100
250 205.0 80.6 120.8#
141 573.8 58.9 88.3#

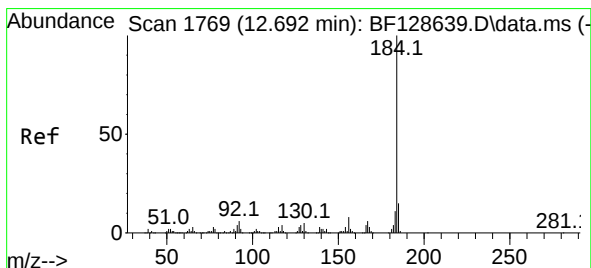
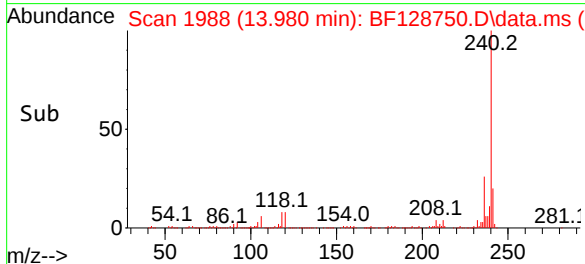
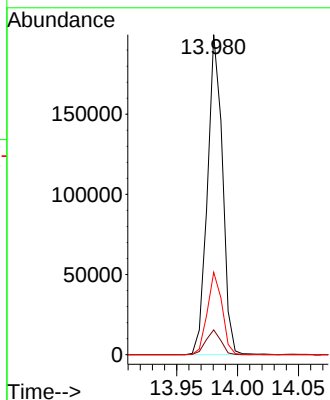
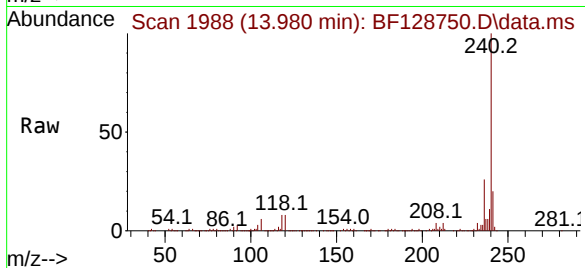




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

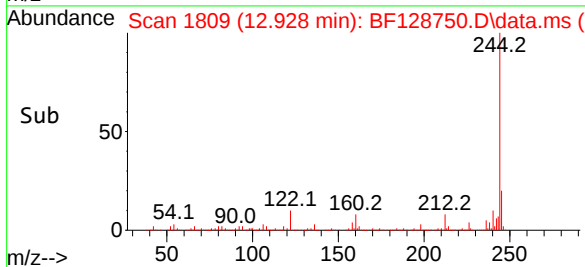
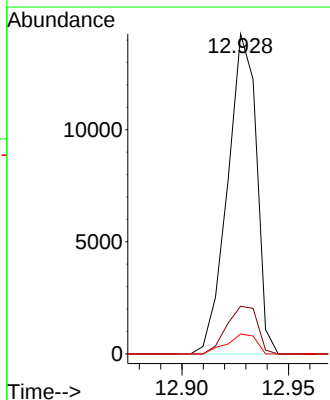
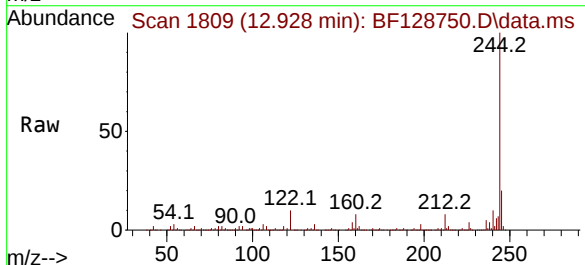
Instrument :
BNA_F
ClientSampleId :
TP-3A

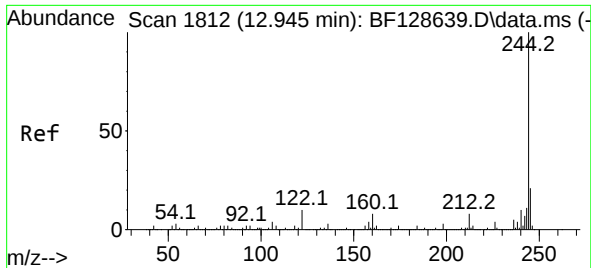
Tgt Ion:240 Resp: 170478
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.7 20.8 31.2



#77
Benzidine
Concen: 3.968 ng
RT: 12.928 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128750.D
Acq: 09 Jun 2022 16:50

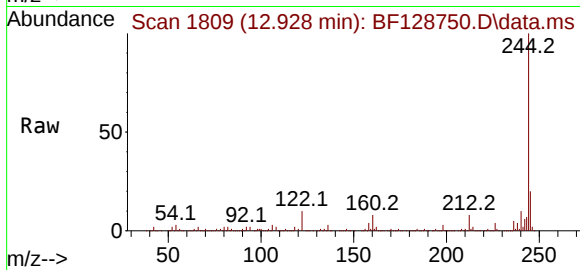
Tgt Ion:184 Resp: 13485
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 6.2 9.3 13.9#



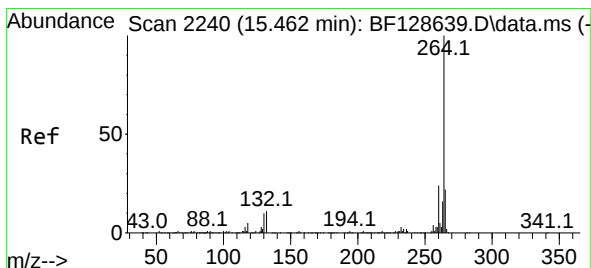
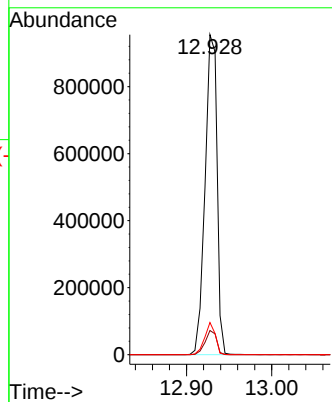
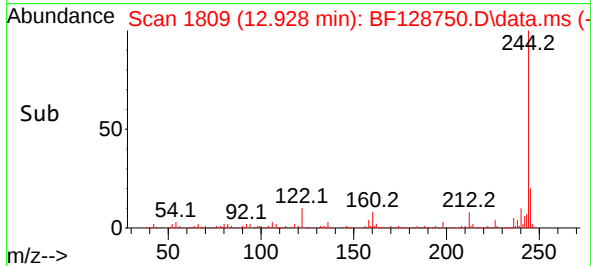


#79
 Terphenyl-d14
 Concen: 94.870 ng
 RT: 12.928 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128750.D
 Acq: 09 Jun 2022 16:50

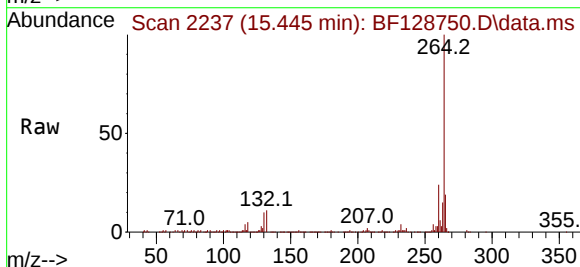
Instrument :
 BNA_F
 ClientSampleId :
 TP-3A



Tgt Ion:244 Resp: 930759
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF128750.D
 Acq: 09 Jun 2022 16:50



Tgt Ion:264 Resp: 167084
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 19.4 17.2 25.8

