

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128186.D
 Acq On : 11 May 2022 10:36
 Operator : CG\JU
 Sample : PB144720BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144720BL

Quant Time: May 12 05:58:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

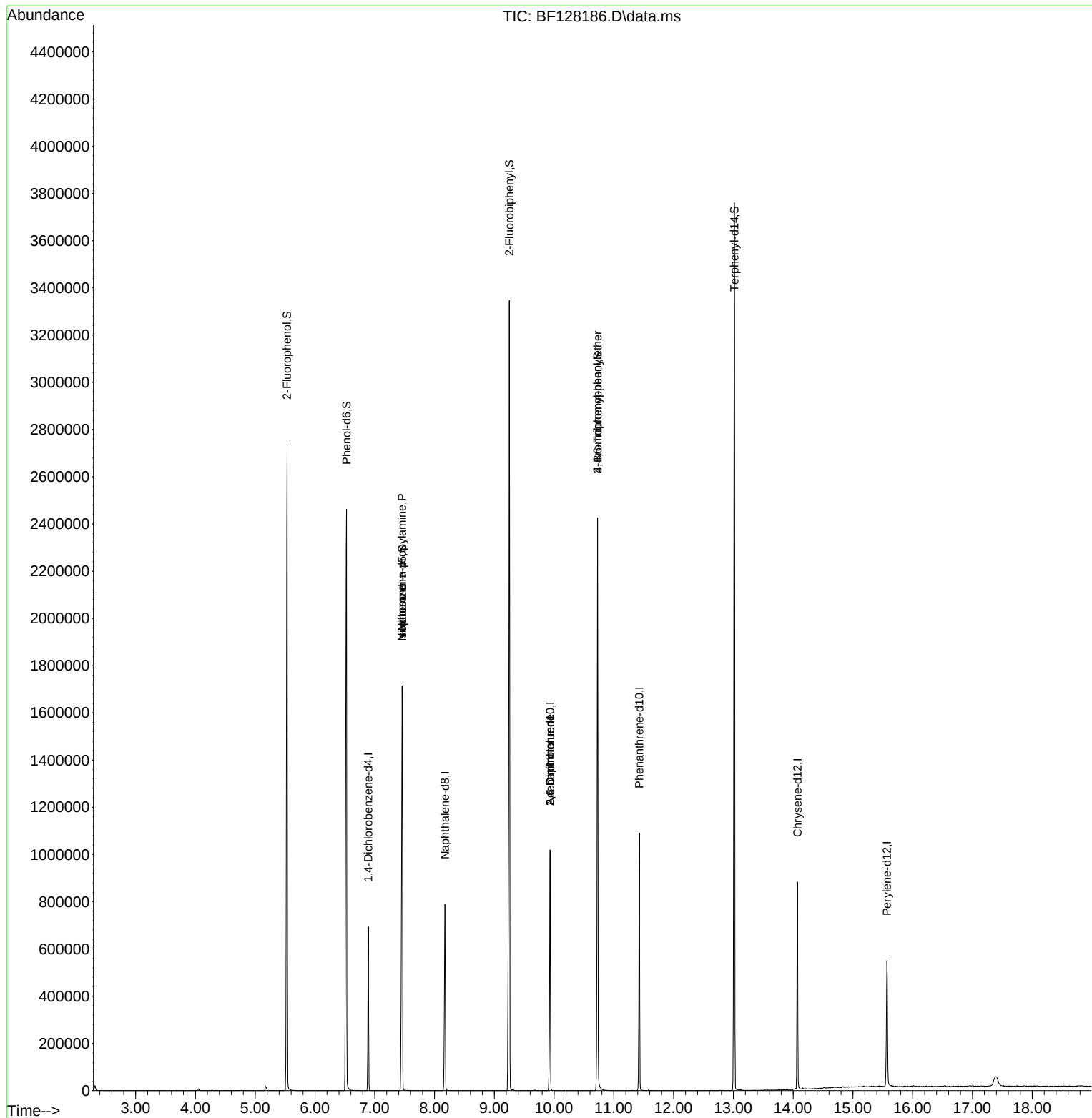
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95410	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	372748	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	216163	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	407479	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	329045	20.000	ng	0.00
86) Perylene-d12	15.568	264	273462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	739667	123.585	ng	0.02
7) Phenol-d6	6.528	99	975965	123.287	ng	0.00
23) Nitrobenzene-d5	7.457	82	720270	86.948	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	310967	125.434	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1194521	86.465	ng	0.00
79) Terphenyl-d14	13.015	244	1494509	85.226	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	1827	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	97822	20.066	ng	# 78
25) Isophorone	7.457	82	716967	55.206	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	27810	9.088	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	27810	6.797	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	18938	4.320	ng	# 1

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

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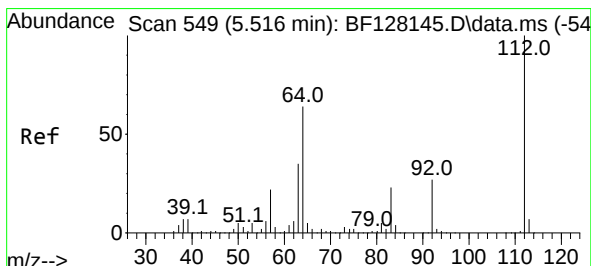
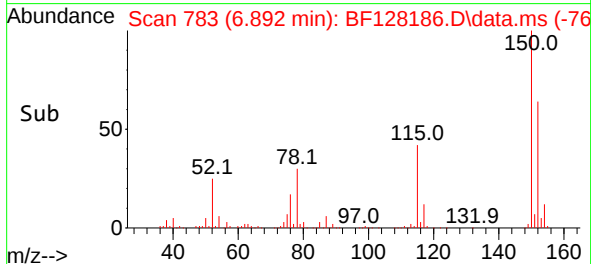
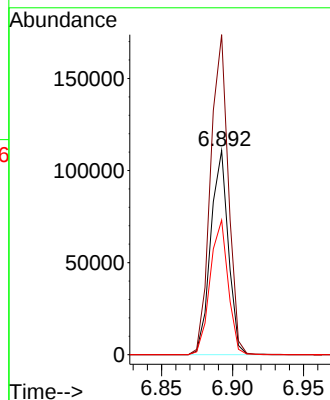
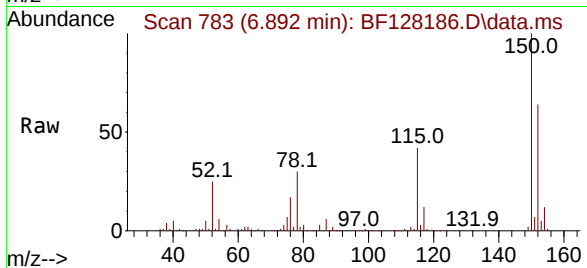




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

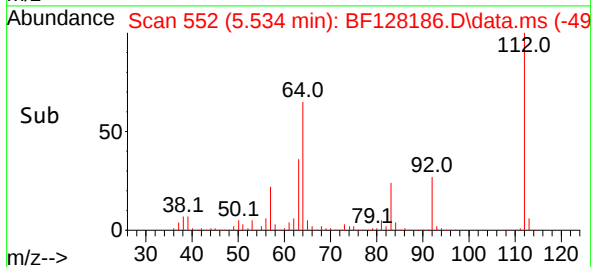
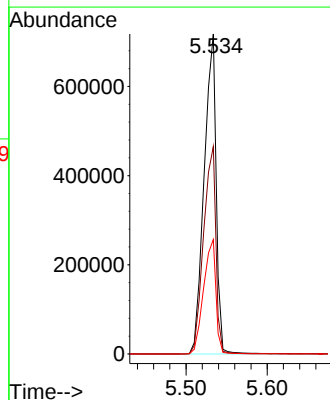
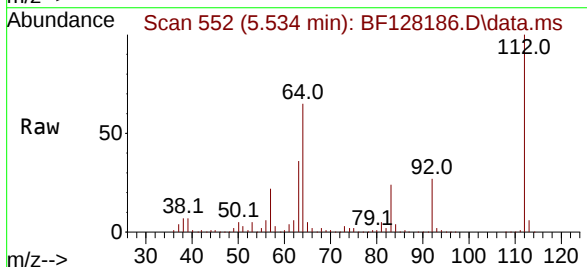
Instrument :
BNA_F
ClientSampleId :
PB144720BL

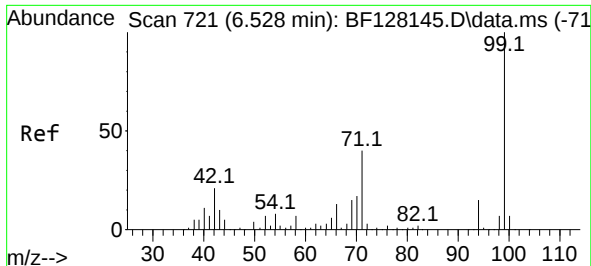
Tgt Ion:152 Resp: 95410
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 65.9 48.8 73.2



#5
2-Fluorophenol
Concen: 123.585 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.017 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion:112 Resp: 739667
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 35.8 26.3 39.5

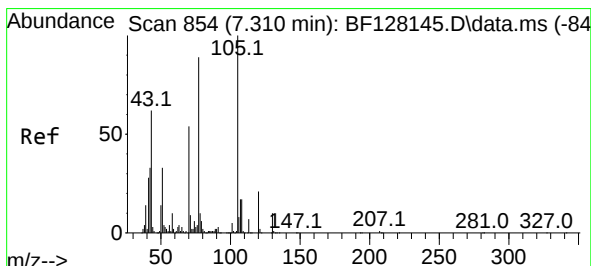
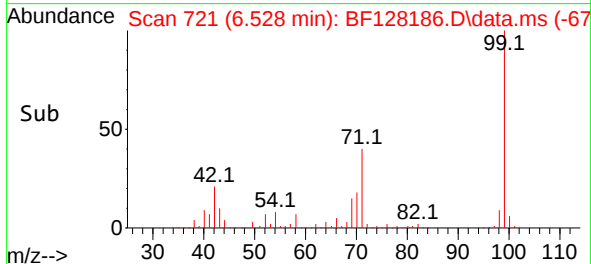
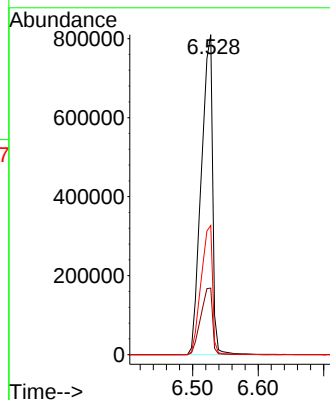
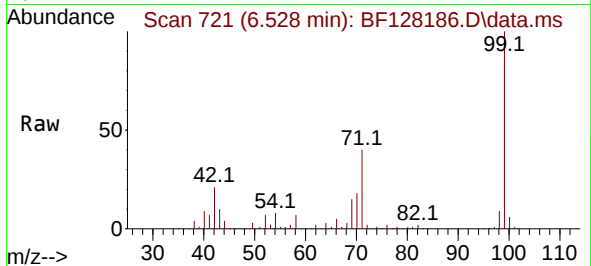




#7
Phenol-d6
Concen: 123.287 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

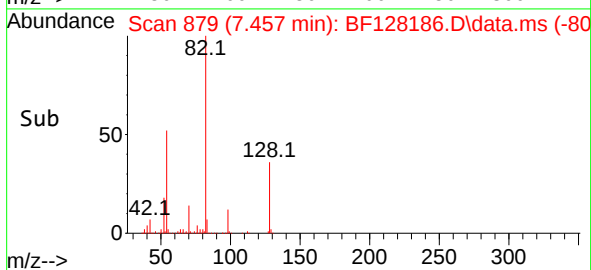
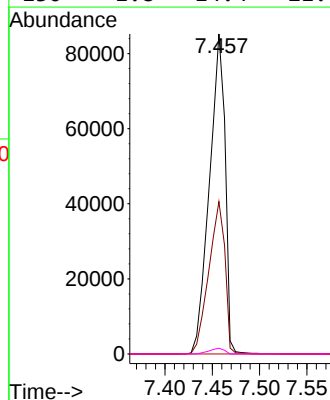
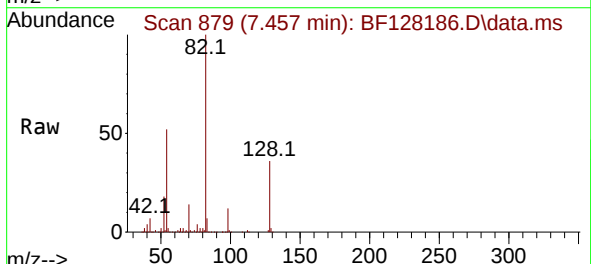
Instrument :
BNA_F
ClientSampleId :
PB144720BL

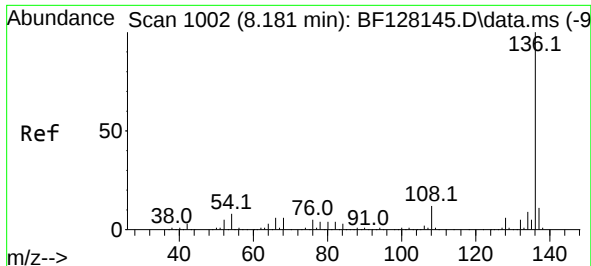
Tgt Ion: 99 Resp: 975965
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.066 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion: 70 Resp: 97822
Ion Ratio Lower Upper
70 100
42 47.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128186.D

Acq: 11 May 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB144720BL

Tgt Ion:136 Resp: 372748

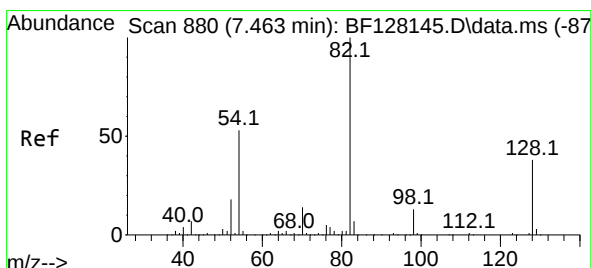
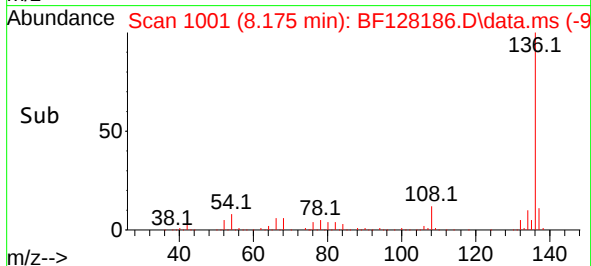
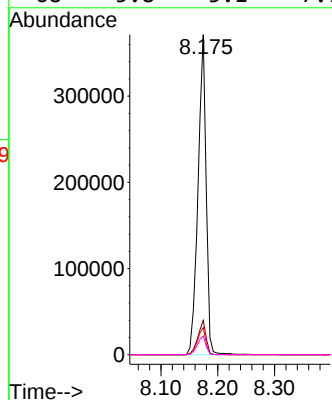
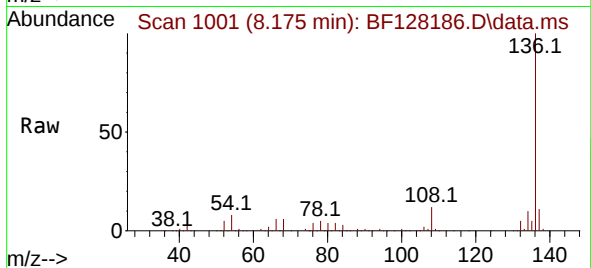
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.5 6.8 10.2

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 86.948 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128186.D

Acq: 11 May 2022 10:36

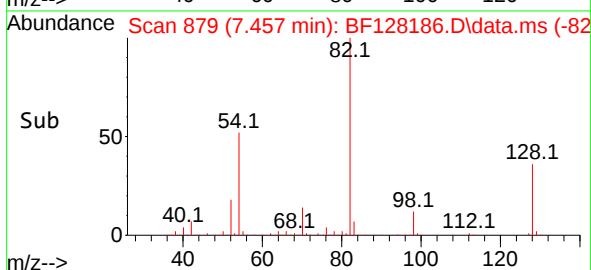
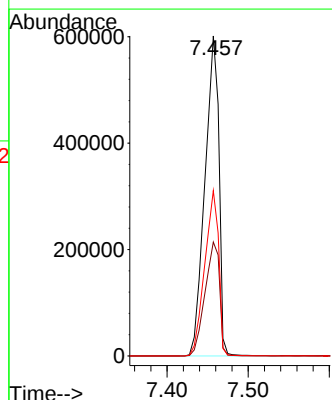
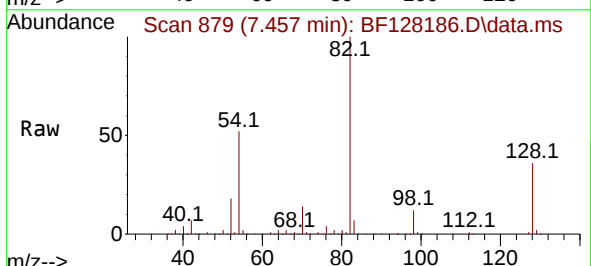
Tgt Ion: 82 Resp: 720270

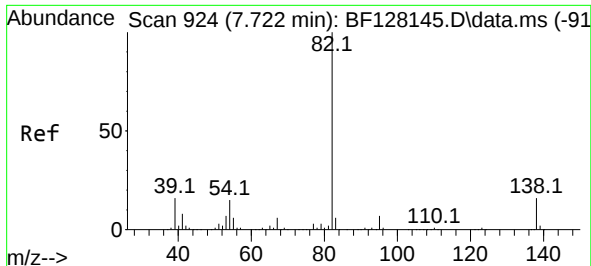
Ion Ratio Lower Upper

82 100

128 35.6 30.0 45.0

54 51.6 41.3 61.9

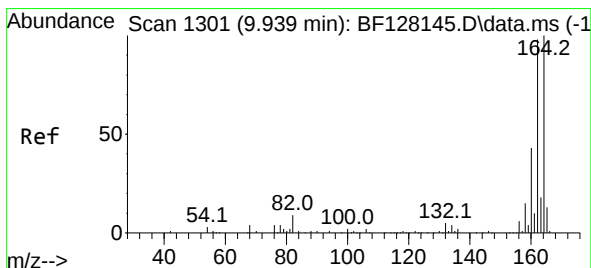
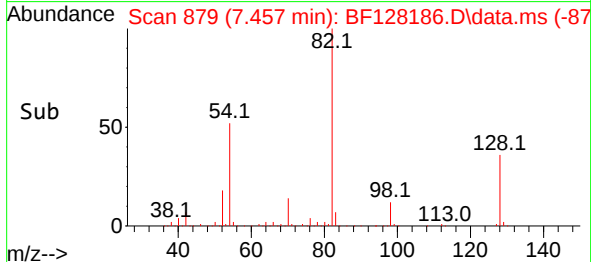
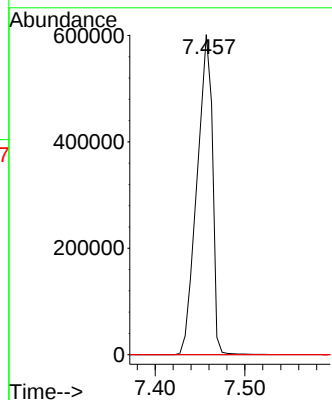
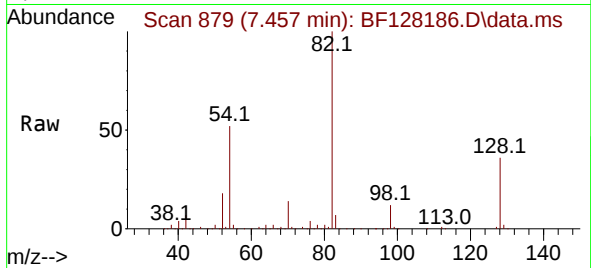




#25
Isophorone
Concen: 55.206 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

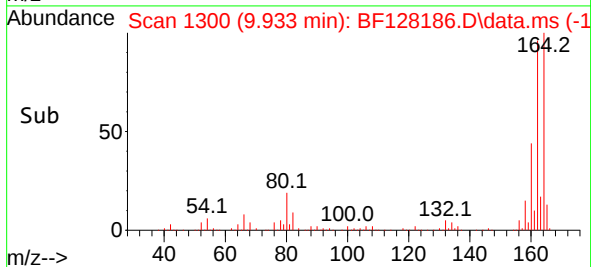
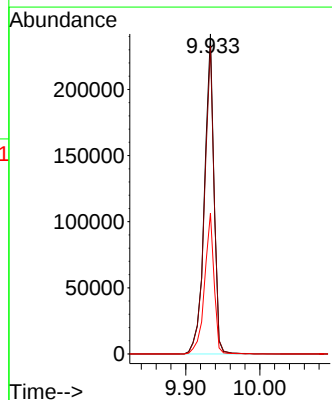
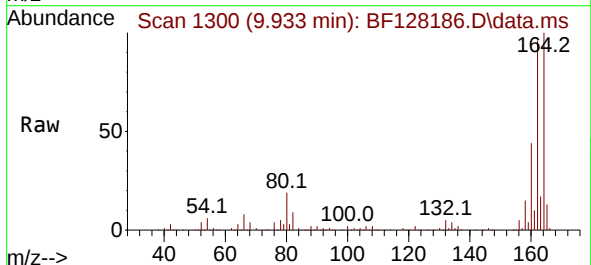
Instrument :
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ClientSampleId :
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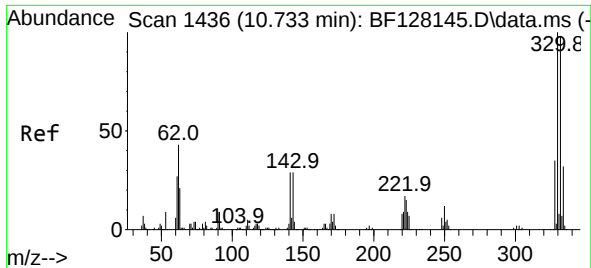
Tgt Ion: 82 Resp: 716967
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

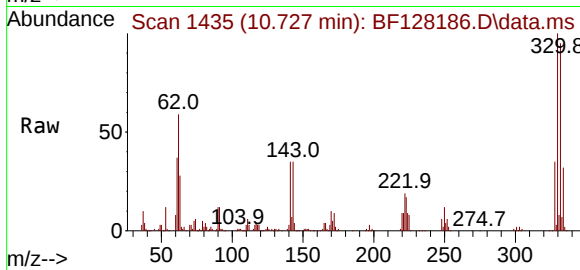
Tgt Ion:164 Resp: 216163
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 44.0 34.8 52.2



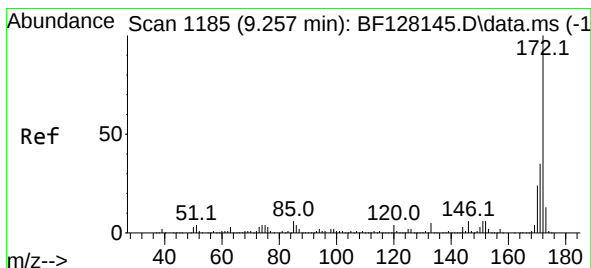
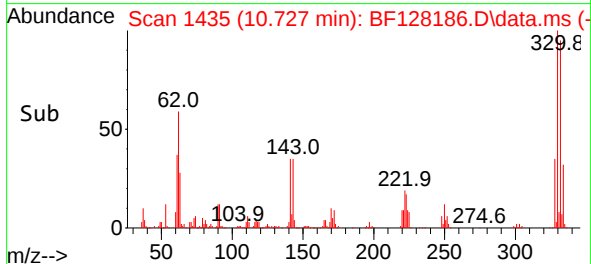
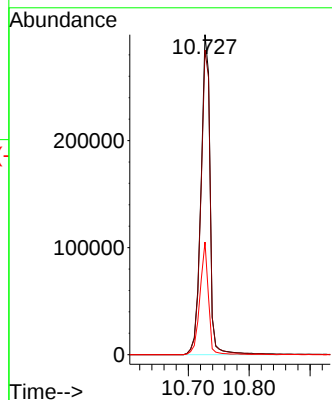


#42
2,4,6-Tribromophenol
Concen: 125.434 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Instrument :
BNA_F
ClientSampleId :
PB144720BL

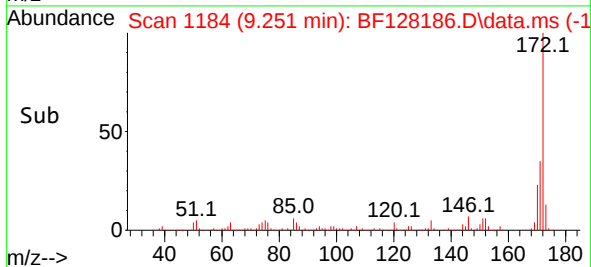
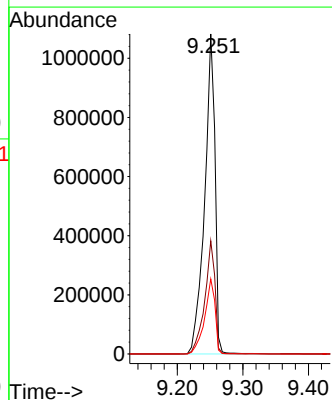
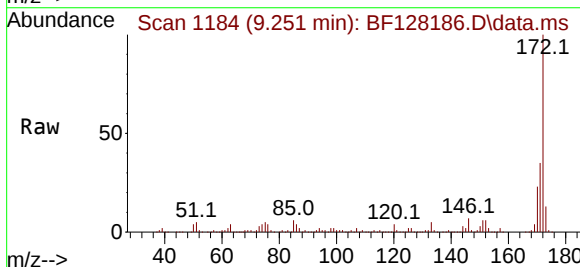


Tgt Ion:330 Resp: 310967
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 32.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.465 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion:172 Resp: 1194521
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 19.1 28.7

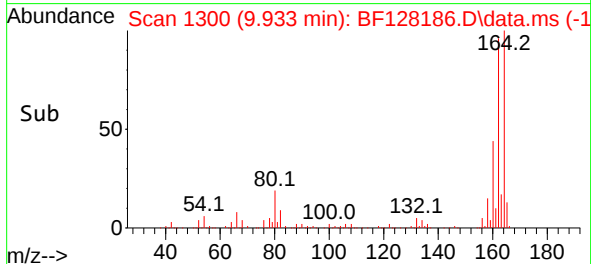
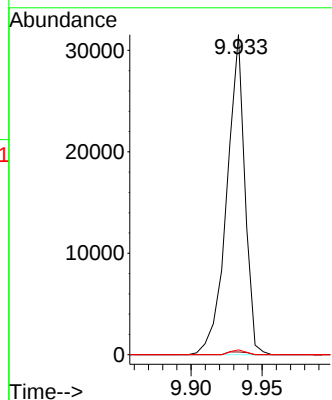
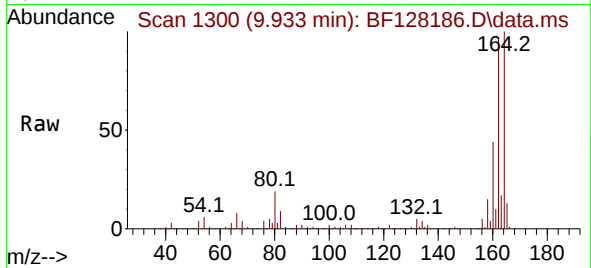




#51
2,6-Dinitrotoluene
Concen: 9.088 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

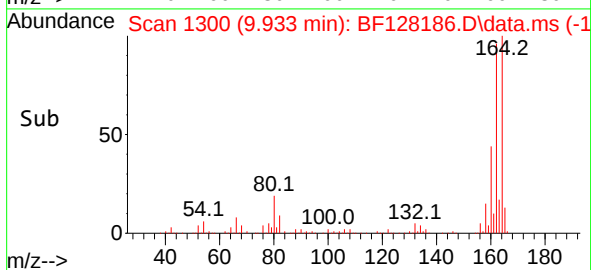
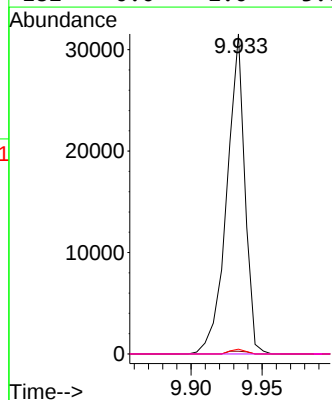
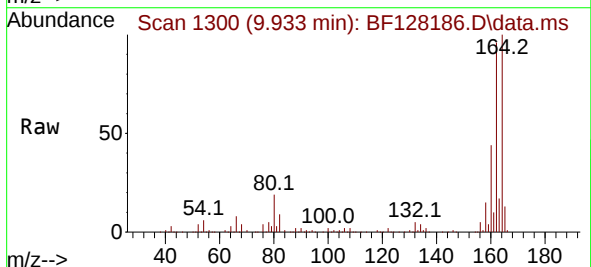
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ClientSampleId :
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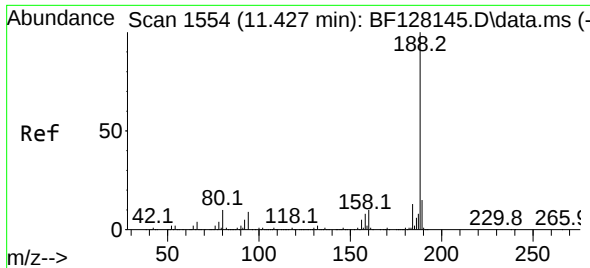
Tgt Ion:165 Resp: 27810
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.797 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion:165 Resp: 27810
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

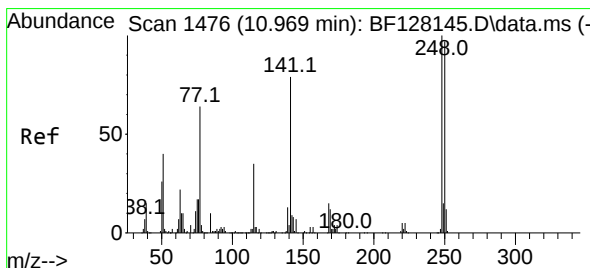
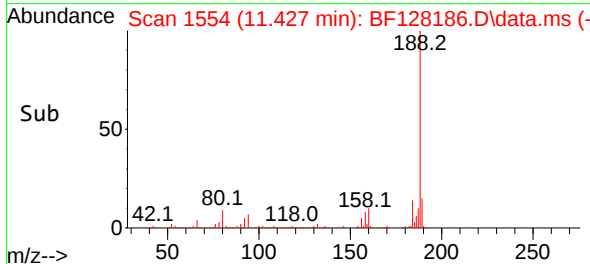
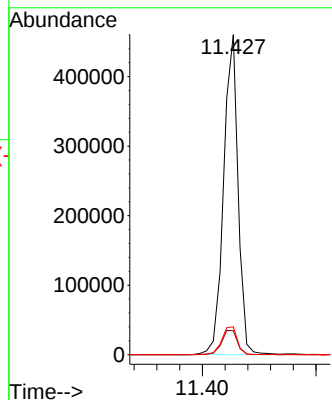
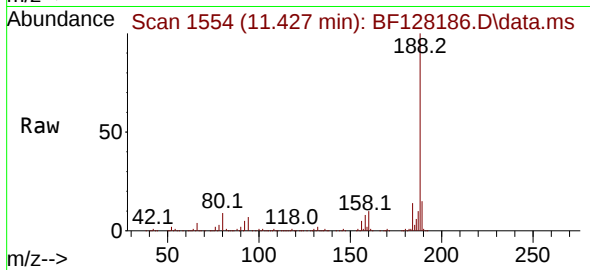




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

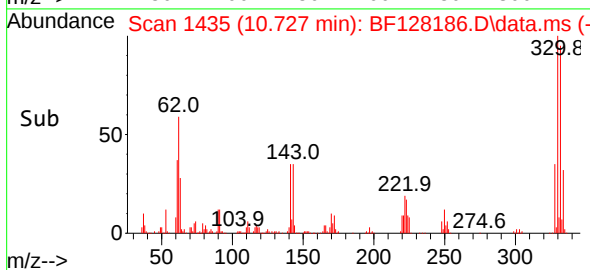
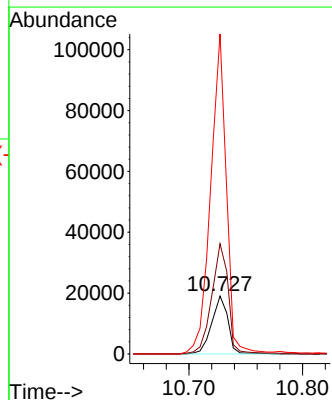
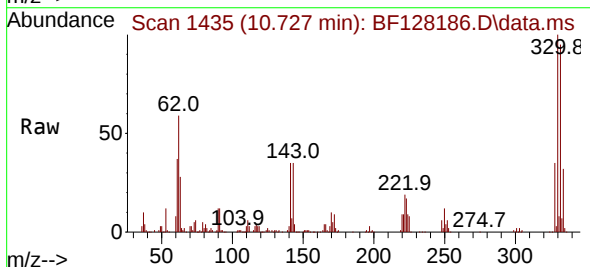
Instrument :
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PB144720BL

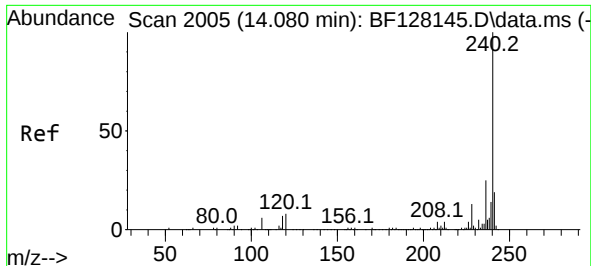
Tgt Ion:188 Resp: 407479
Ion Ratio Lower Upper
188 100
94 7.5 8.0 12.0#
80 8.7 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.320 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion:248 Resp: 18938
Ion Ratio Lower Upper
248 100
250 190.2 77.7 116.5#
141 551.7 65.6 98.4#

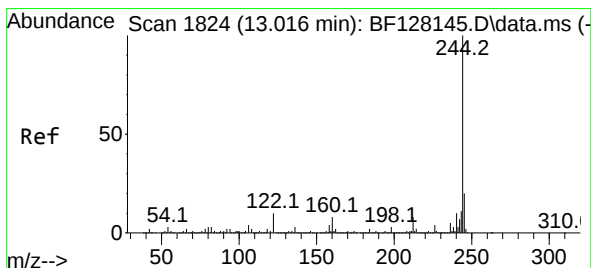
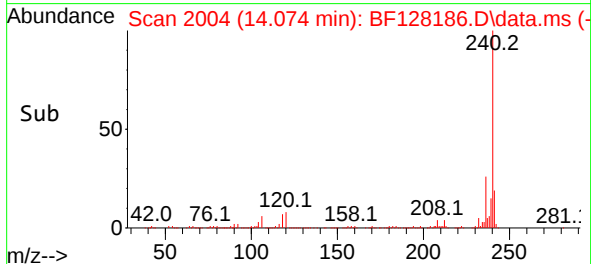
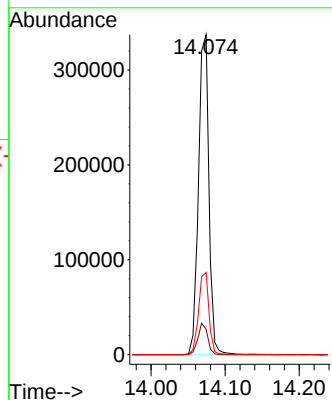
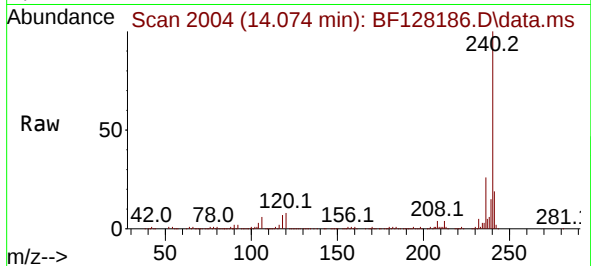




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

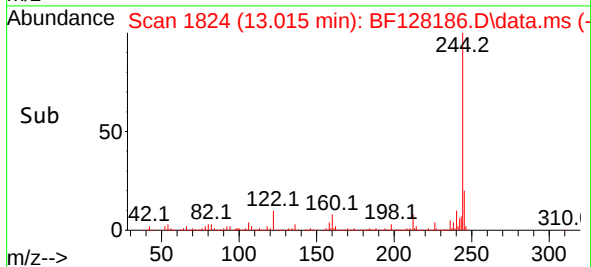
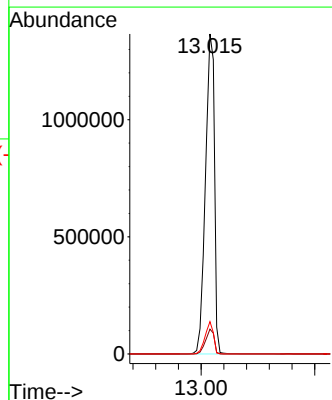
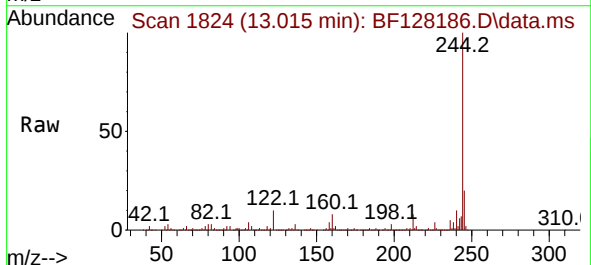
Instrument :
BNA_F
ClientSampleId :
PB144720BL

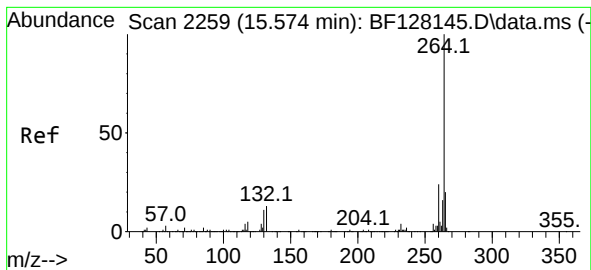
Tgt Ion:240 Resp: 329045
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 85.226 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128186.D
Acq: 11 May 2022 10:36

Tgt Ion:244 Resp: 1494509
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128186.D

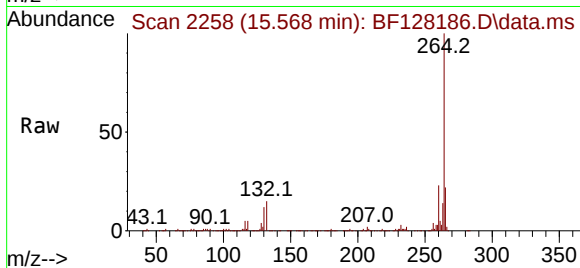
Acq: 11 May 2022 10:36

Instrument :

BNA_F

ClientSampleId :

PB144720BL



Tgt Ion:264 Resp: 273462

Ion Ratio Lower Upper

264 100

260 23.4 20.1 30.1

265 21.6 17.5 26.3

