

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128323.D
 Acq On : 18 May 2022 20:55
 Operator : CG\JU
 Sample : N2908-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BI-1

Quant Time: May 19 06:50:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

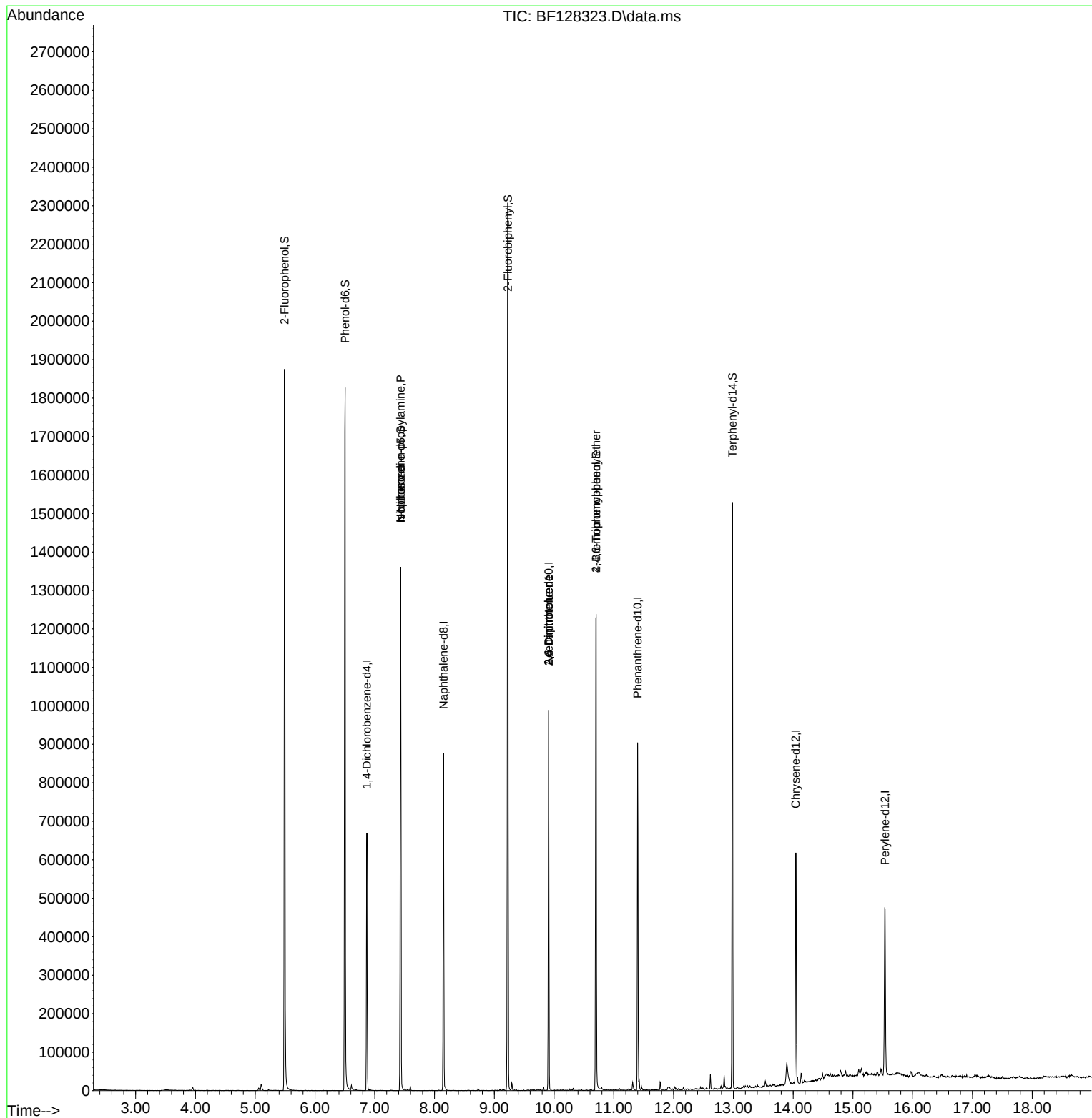
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89482	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	341988	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	188242	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	309096	20.000	ng	0.00
76) Chrysene-d12	14.045	240	192607	20.000	ng	-0.01
86) Perylene-d12	15.539	264	206172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	446831	79.604	ng	0.00
7) Phenol-d6	6.504	99	604824	81.465	ng	0.00
23) Nitrobenzene-d5	7.434	82	424686	55.877	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	148761	68.906	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	653469	54.317	ng	0.00
79) Terphenyl-d14	12.986	244	509180	49.605	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	999	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	56984	12.463	ng	# 79
25) Isophorone	7.434	82	424732	35.645	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	24288	9.115	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	24288	6.816	ng	# 25
67) 4-Bromophenyl-phenylether	10.704	248	8928	2.685	ng	# 1

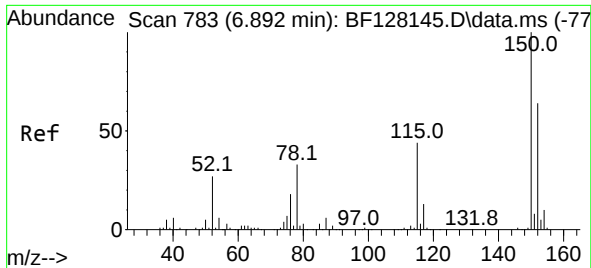
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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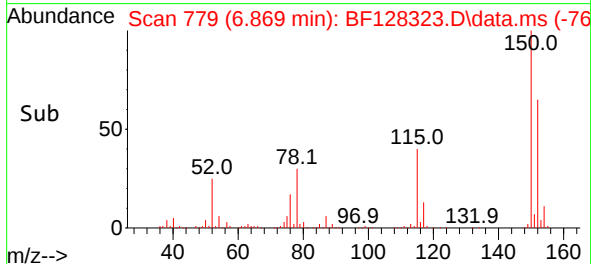
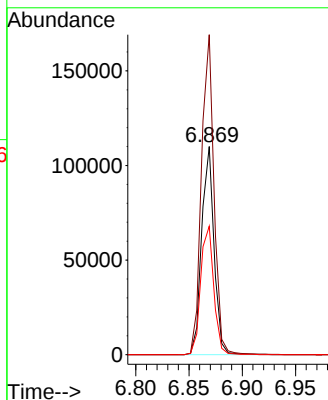
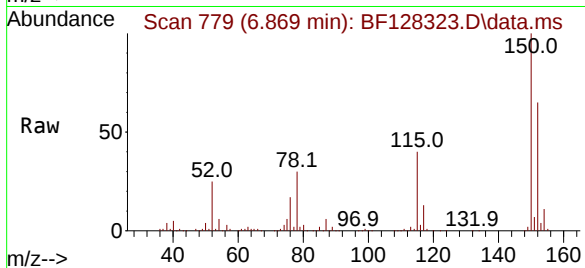




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128323.D
 Acq: 18 May 2022 20:55

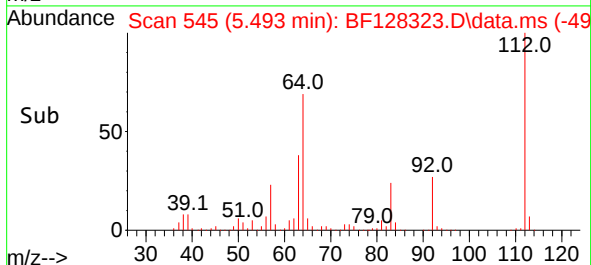
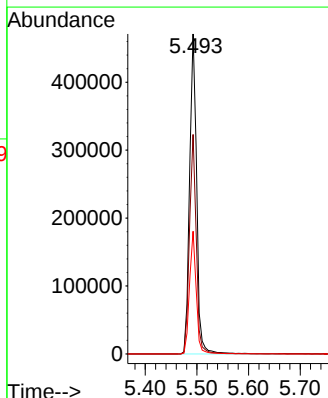
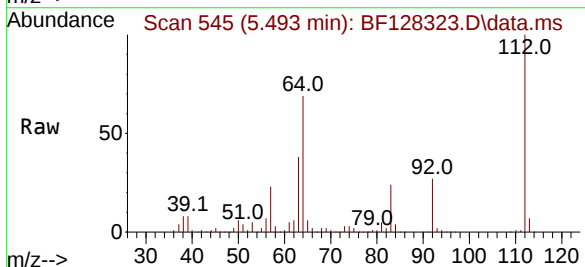
Instrument :
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 ClientSampleId :
 BI-1

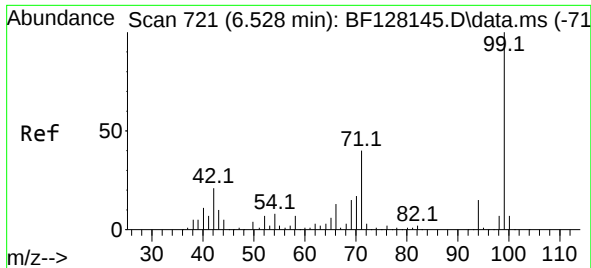
Tgt Ion:152 Resp: 89482
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.3 187.9
 115 61.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 79.604 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: BF128323.D
 Acq: 18 May 2022 20:55

Tgt Ion:112 Resp: 446831
 Ion Ratio Lower Upper
 112 100
 64 68.6 49.5 74.3
 63 38.3 26.3 39.5

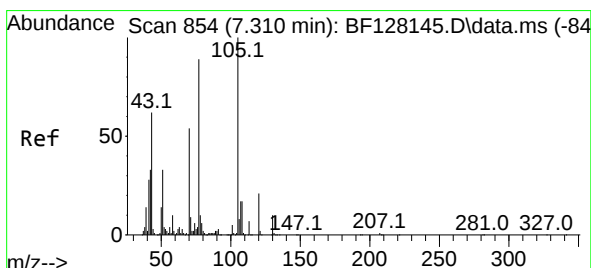
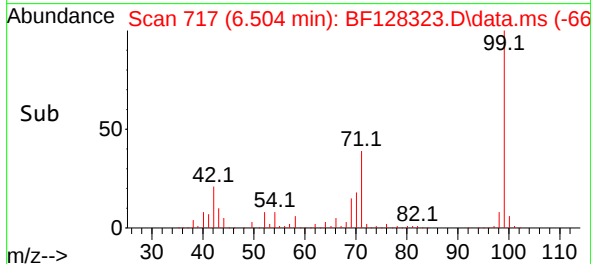
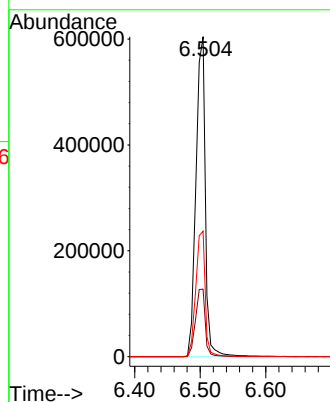
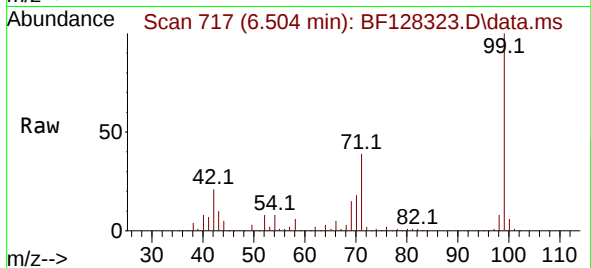




#7
Phenol-d6
Concen: 81.465 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

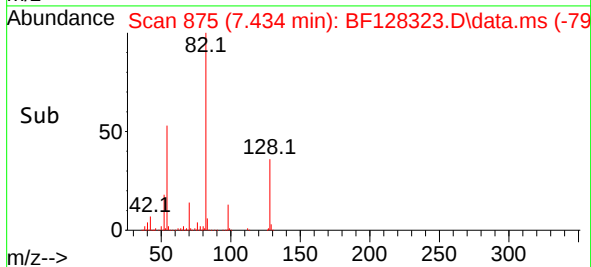
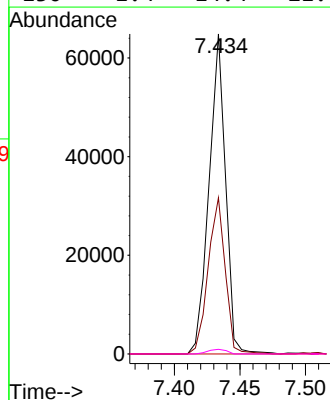
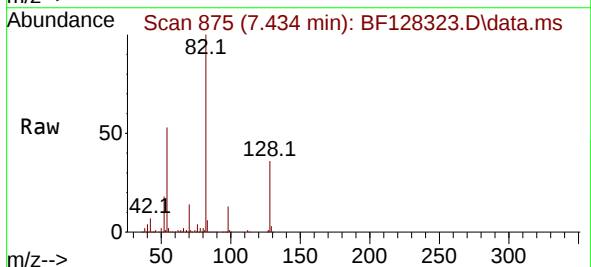
Instrument :
BNA_F
ClientSampleId :
BI-1

Tgt Ion: 99 Resp: 604824
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 39.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.463 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion: 70 Resp: 56984
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

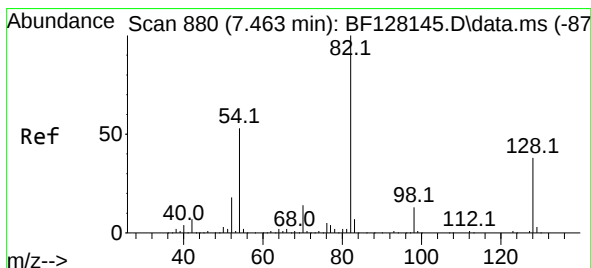
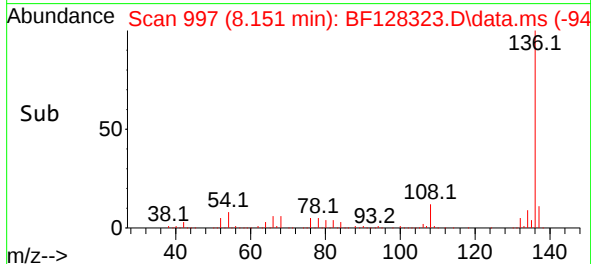
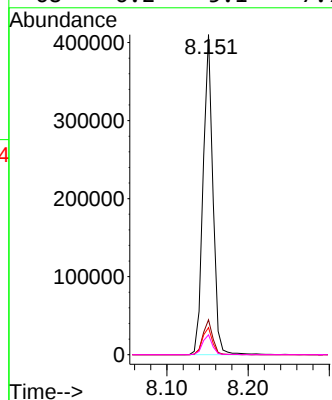
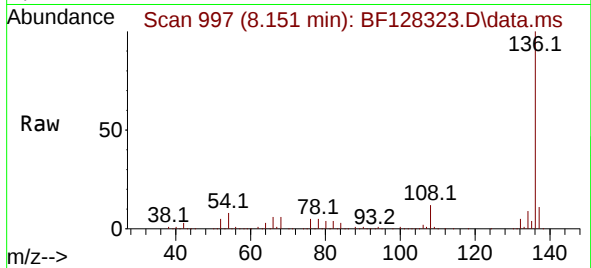




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

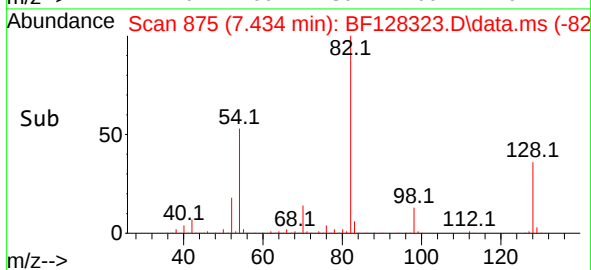
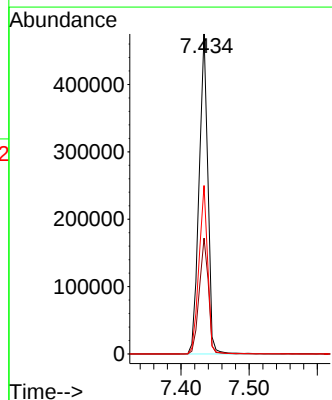
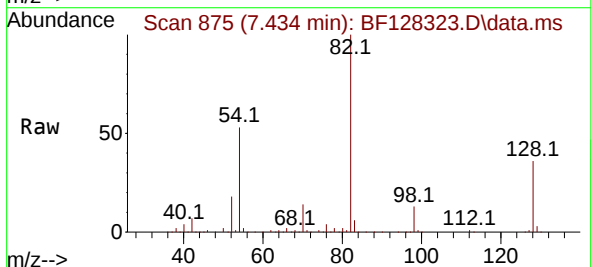
Instrument :
BNA_F
ClientSampleId :
BI-1

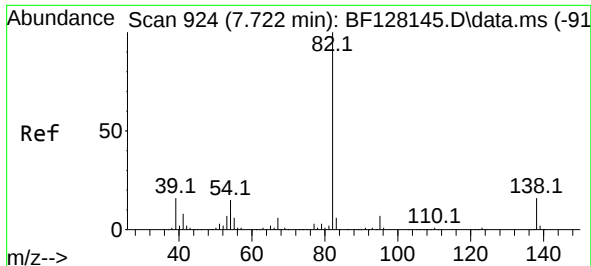
Tgt Ion:136 Resp: 341988
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 55.877 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion: 82 Resp: 424686
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.6 41.3 61.9

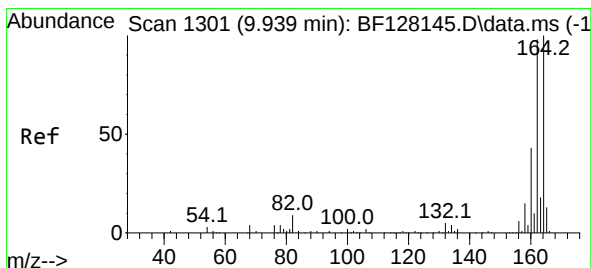
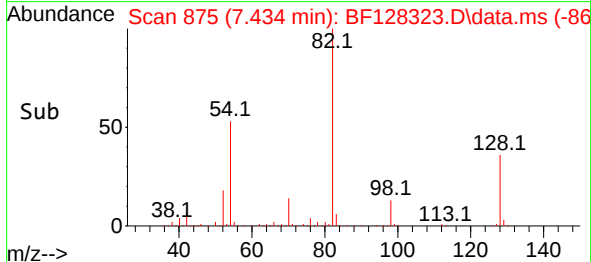
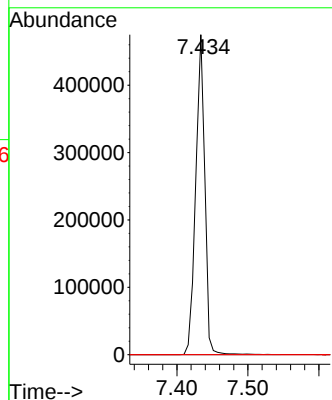
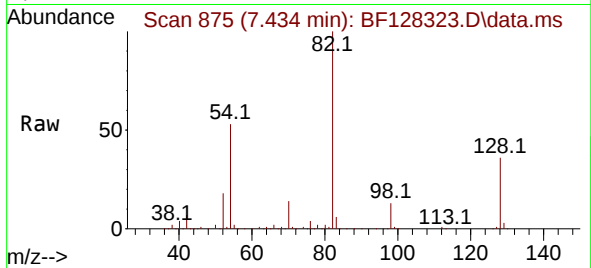




#25
Isophorone
Concen: 35.645 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

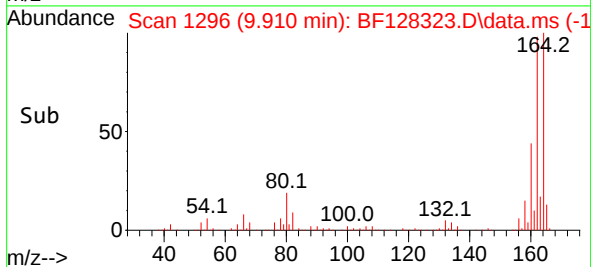
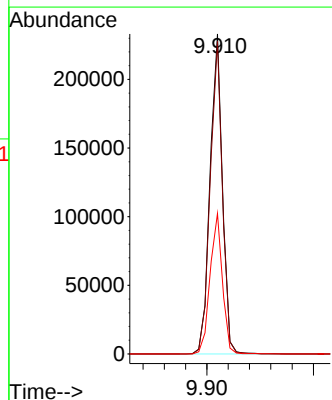
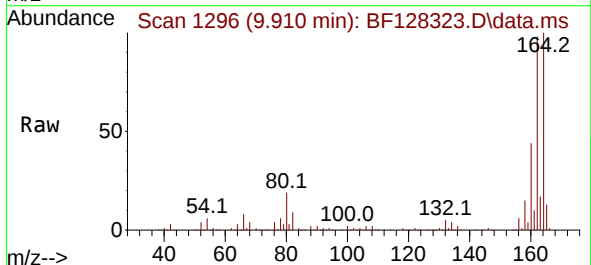
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ClientSampleId :
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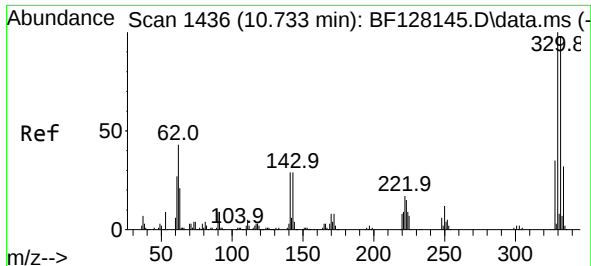
Tgt Ion: 82 Resp: 424732
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion:164 Resp: 188242
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.9 34.8 52.2

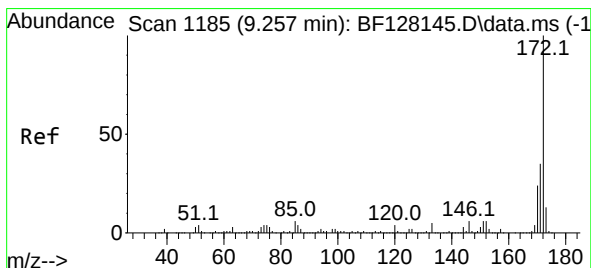
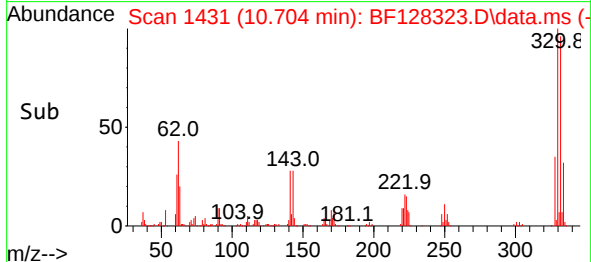
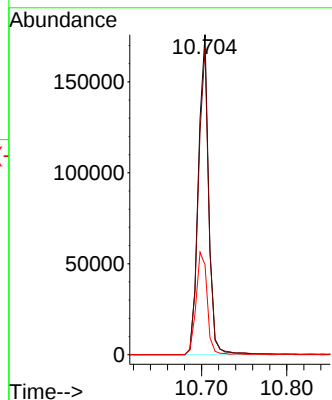
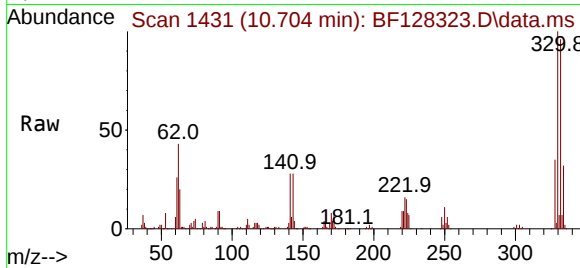




#42
 2,4,6-Tribromophenol
 Concen: 68.906 ng
 RT: 10.704 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF128323.D
 Acq: 18 May 2022 20:55

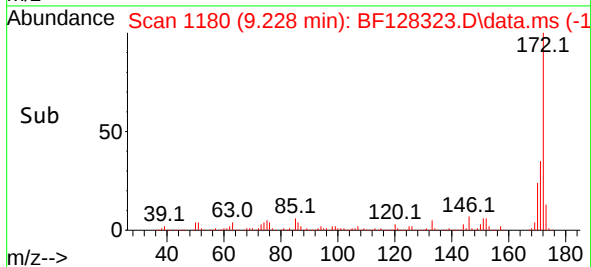
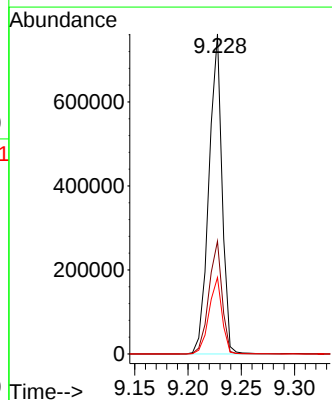
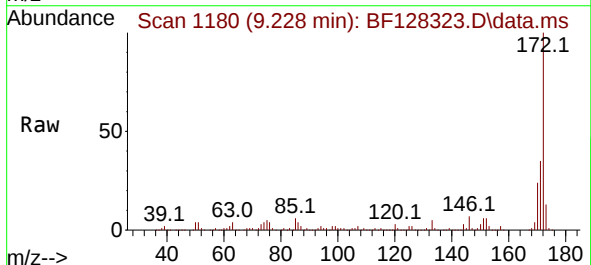
Instrument :
 BNA_F
 ClientSampleId :
 BI-1

Tgt Ion:330 Resp: 148761
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 34.4 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 54.317 ng
 RT: 9.228 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BF128323.D
 Acq: 18 May 2022 20:55

Tgt Ion:172 Resp: 653469
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.9 19.1 28.7

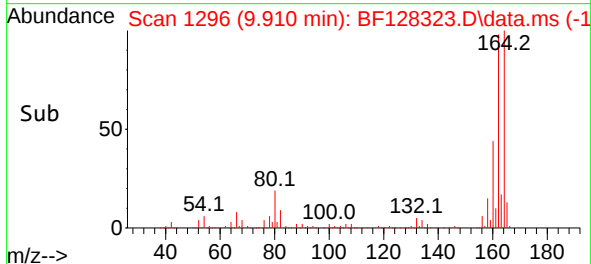
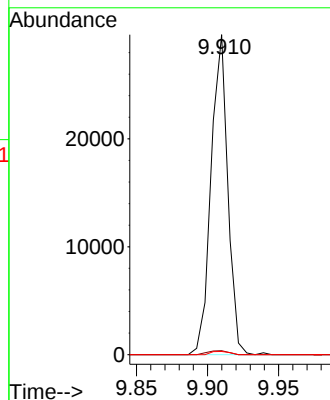
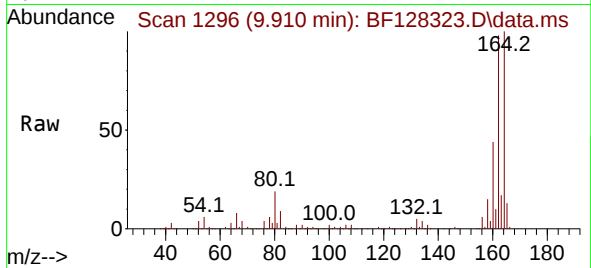




#51
2,6-Dinitrotoluene
Concen: 9.115 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

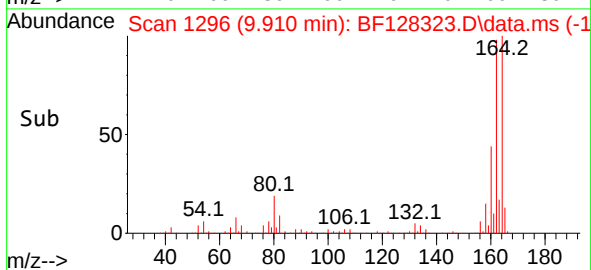
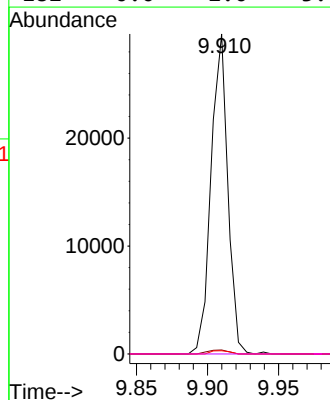
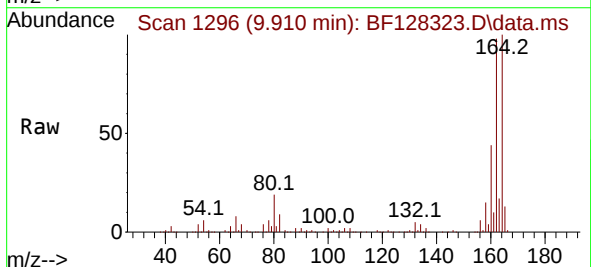
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ClientSampleId :
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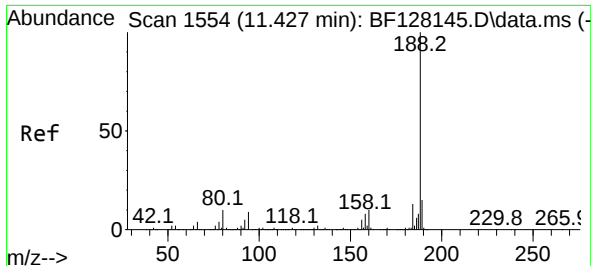
Tgt Ion:165 Resp: 24288
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.206 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion:165 Resp: 24288
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

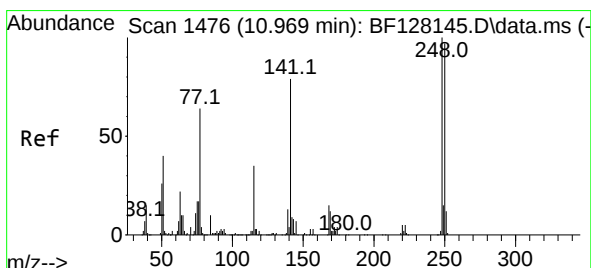
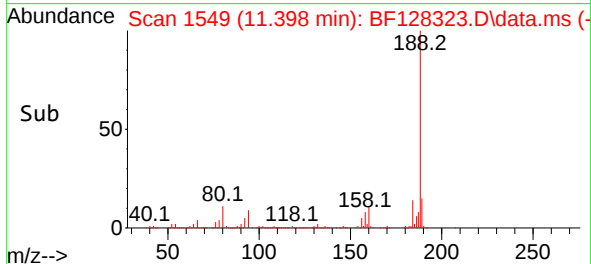
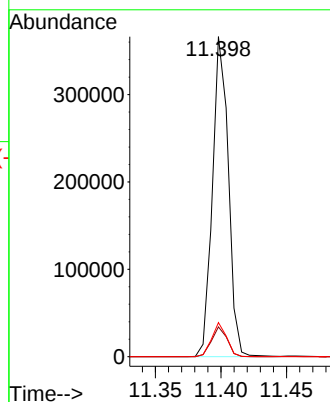
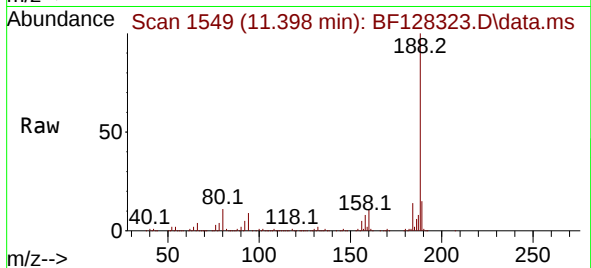




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

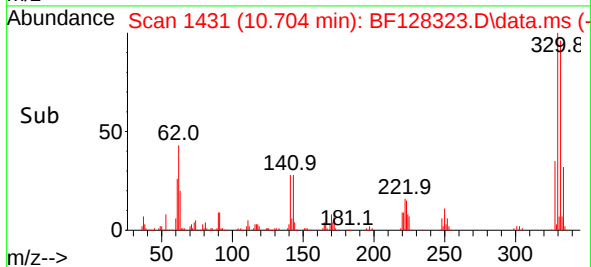
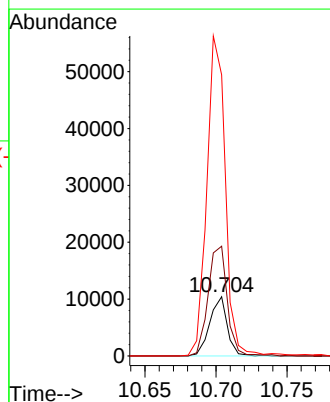
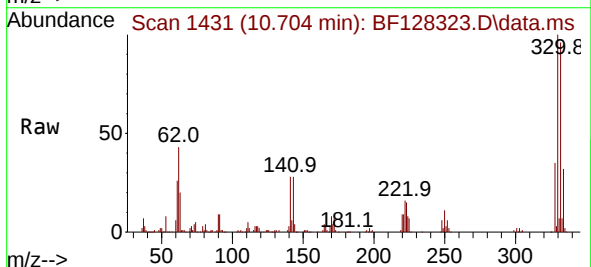
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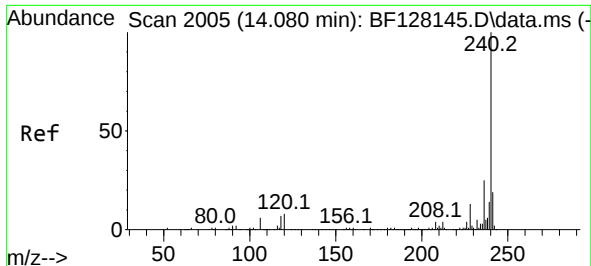
Tgt Ion:188 Resp: 309096
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.685 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion:248 Resp: 8928
Ion Ratio Lower Upper
248 100
250 185.6 77.7 116.5#
141 475.3 65.6 98.4#

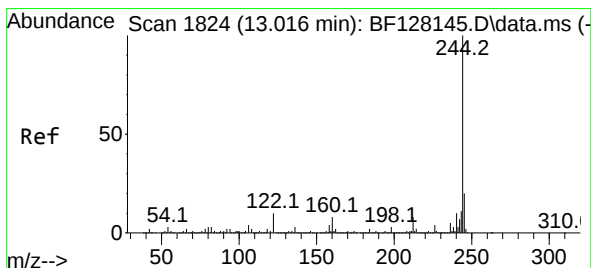
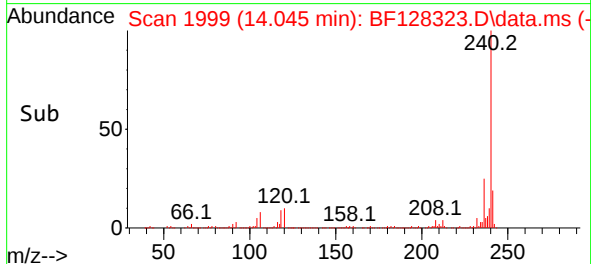
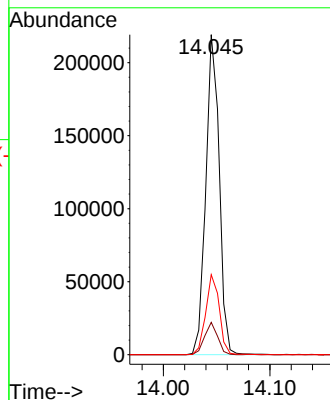
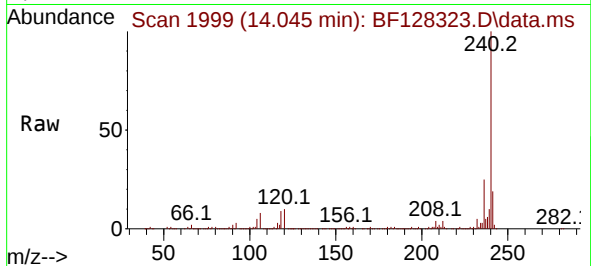




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

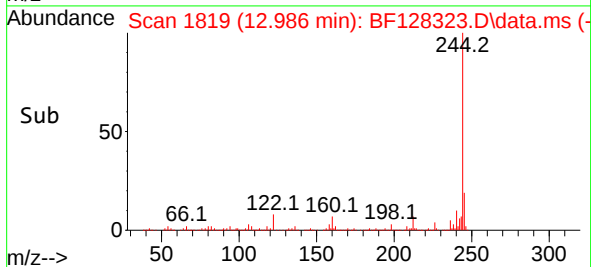
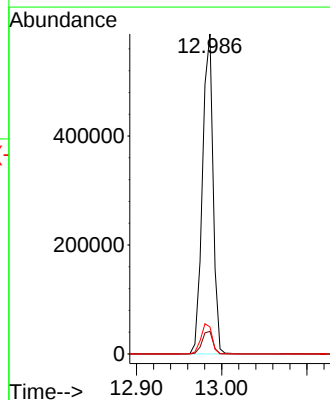
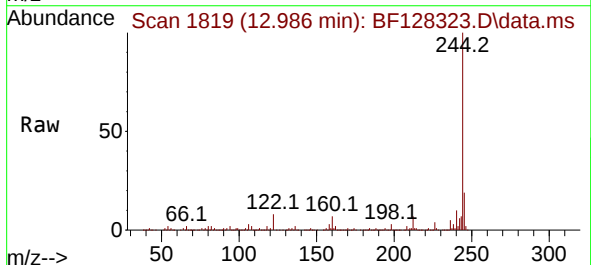
Instrument :
BNA_F
ClientSampleId :
BI-1

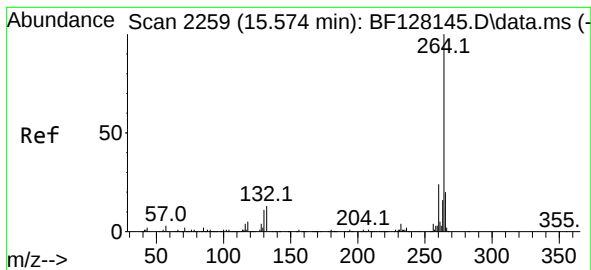
Tgt Ion:240 Resp: 192607
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 49.605 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128323.D
Acq: 18 May 2022 20:55

Tgt Ion:244 Resp: 509180
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 8.5 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128323.D

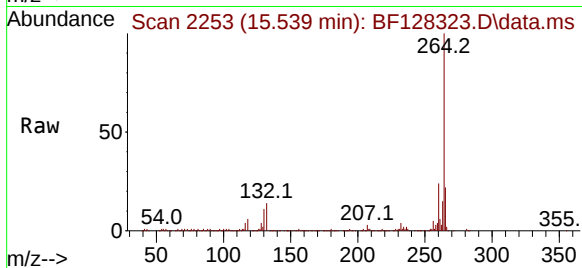
Acq: 18 May 2022 20:55

Instrument :

BNA_F

ClientSampleId :

BI-1



Tgt Ion:264 Resp: 206172

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 22.2 17.5 26.3

