

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128173.D
 Acq On : 10 May 2022 21:28
 Operator : CG\JU
 Sample : N2755-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Quant Time: May 11 04:01:58 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)

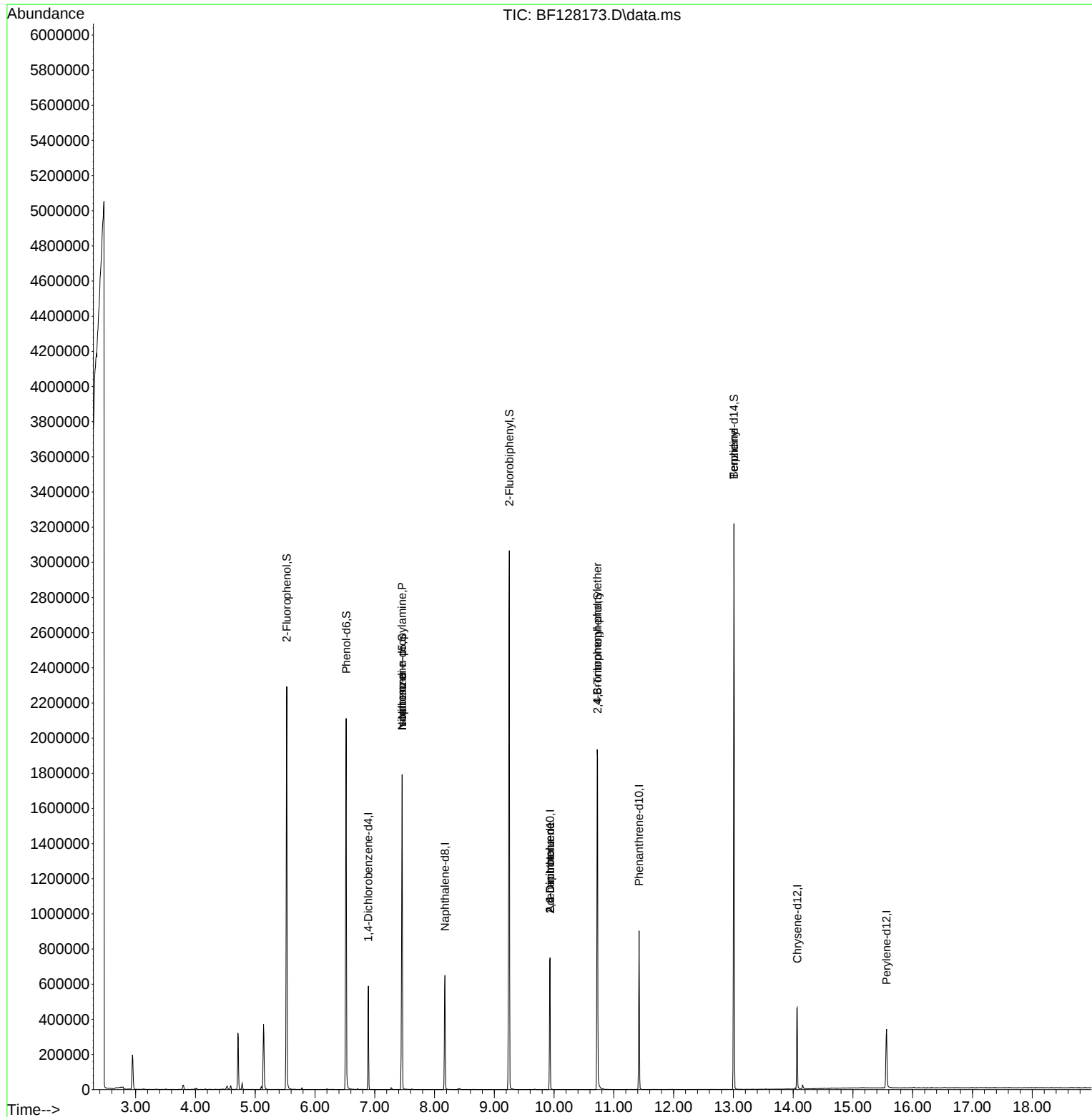
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74442	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	291143	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	163317	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	303510	20.000	ng	0.00
76) Chrysene-d12	14.068	240	172549	20.000	ng	-0.01
86) Perylene-d12	15.562	264	166268	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	578470	123.876	ng	0.01
7) Phenol-d6	6.522	99	694174	112.390	ng	0.00
23) Nitrobenzene-d5	7.457	82	598420	92.487	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	258785	138.163	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	987267	94.587	ng	0.00
79) Terphenyl-d14	13.010	244	1113858	121.129	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	1193	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propyla...	7.457	70	81592	21.451 ng	#	79
25) Isophorone	7.457	82	596960	58.849 ng	#	68
51) 2,6-Dinitrotoluene	9.933	165	21178	9.160 ng	#	21
57) 2,4-Dinitrotoluene	9.933	165	21178	6.851 ng	#	25
67) 4-Bromophenyl-phenylether	10.722	248	16117	4.936 ng	#	1
77) Benzydine	13.010	184	16176	4.328 ng	#	93

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

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QLast Update : Mon May 09 15:30:11 2022
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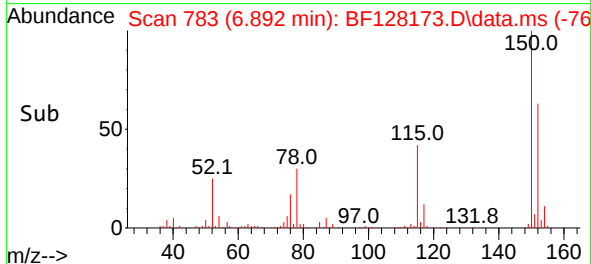
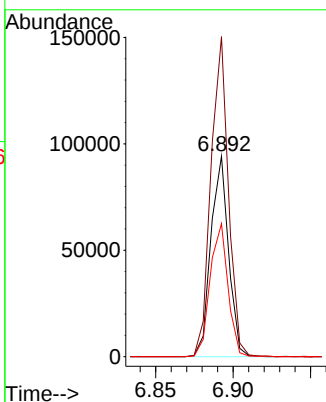
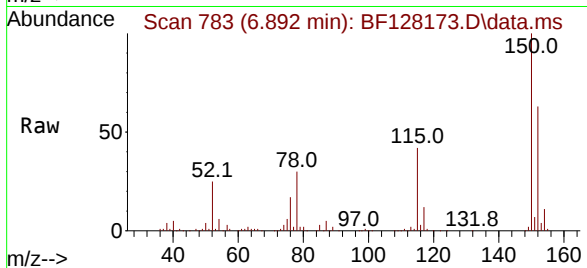




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

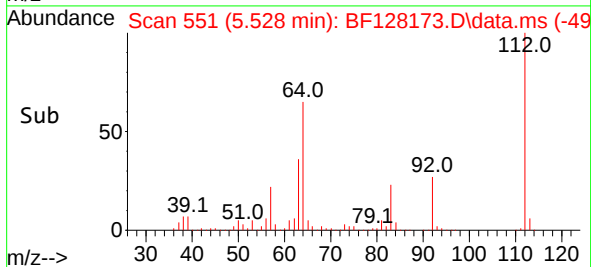
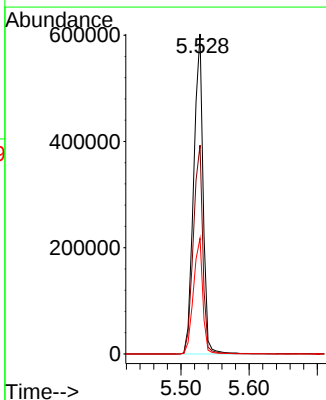
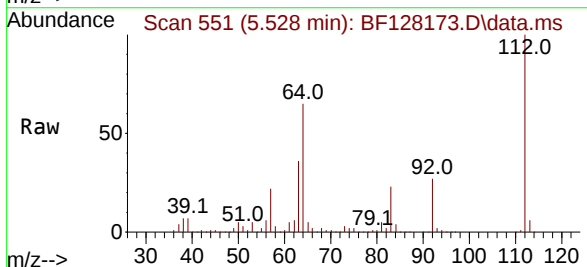
Instrument :
BNA_F
ClientSampleId :
VNJ-221

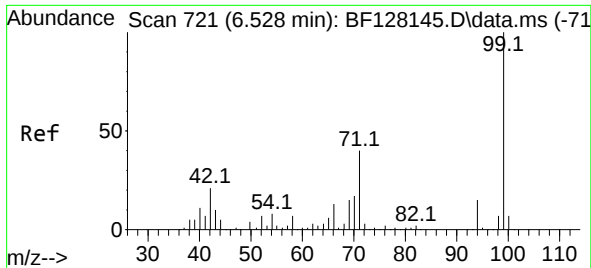
Tgt Ion:152 Resp: 74442
Ion Ratio Lower Upper
152 100
150 159.6 125.3 187.9
115 66.3 48.8 73.2



#5
2-Fluorophenol
Concen: 123.876 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

Tgt Ion:112 Resp: 578470
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 36.2 26.3 39.5

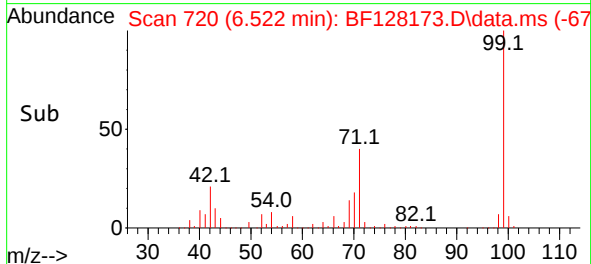
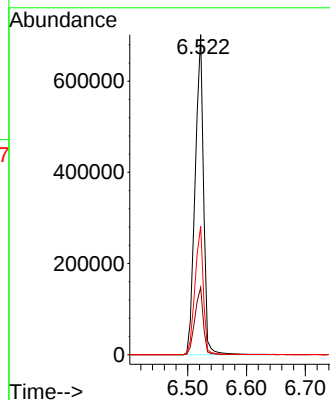
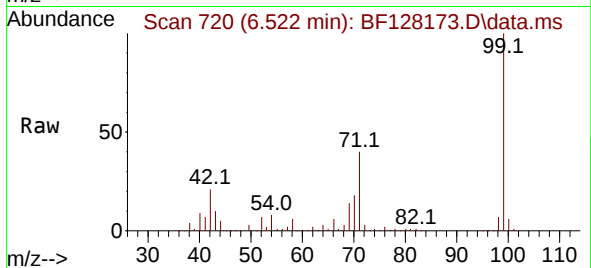




#7
Phenol-d6
Concen: 112.390 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

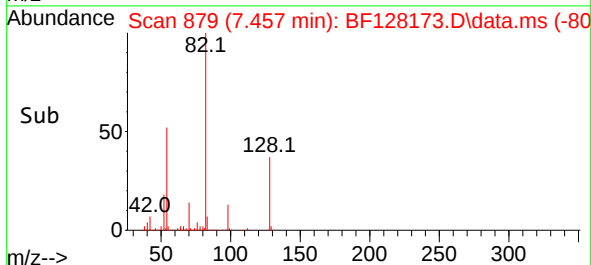
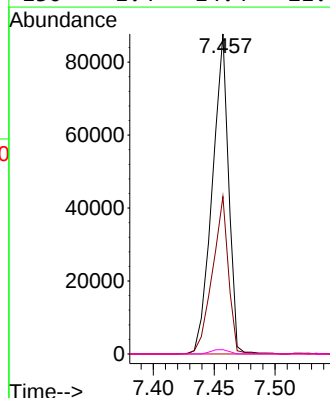
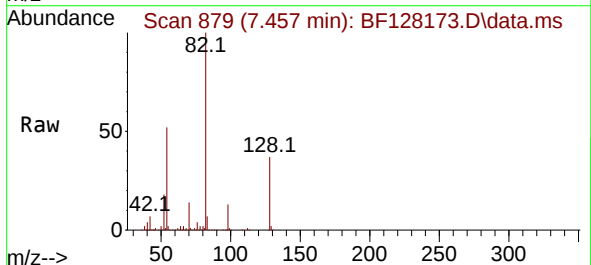
Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tgt Ion: 99 Resp: 694174
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.451 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

Tgt Ion: 70 Resp: 81592
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

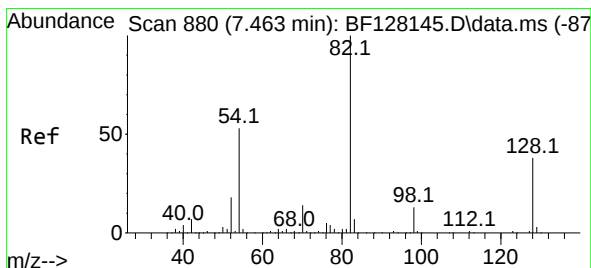
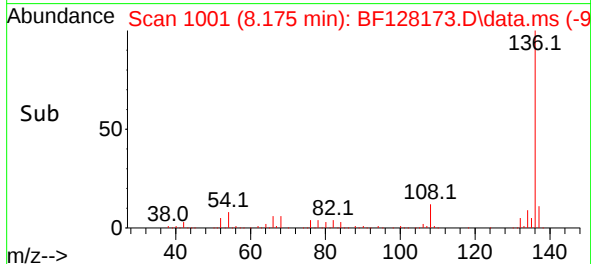
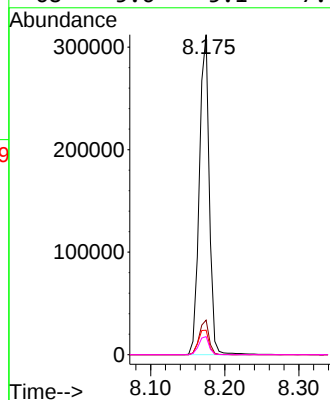
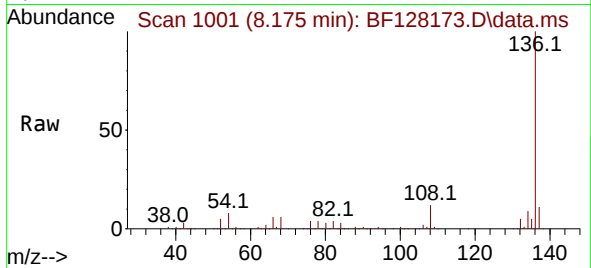




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

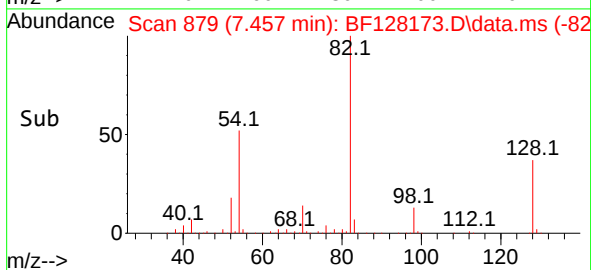
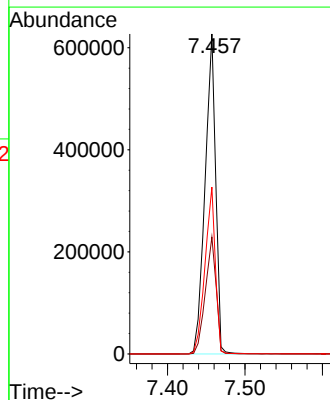
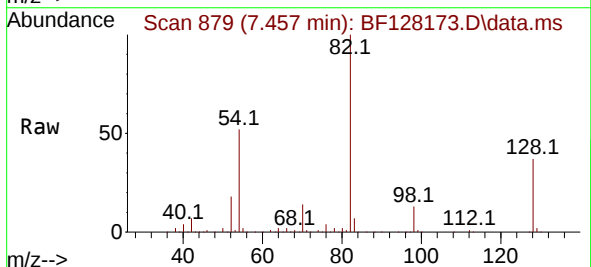
Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tgt Ion:136 Resp: 291143
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 6.8 10.2
68 5.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 92.487 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

Tgt Ion: 82 Resp: 598420
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 52.1 41.3 61.9

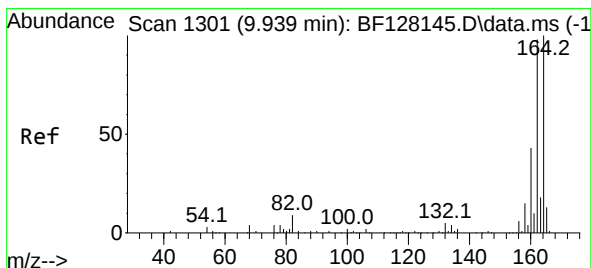
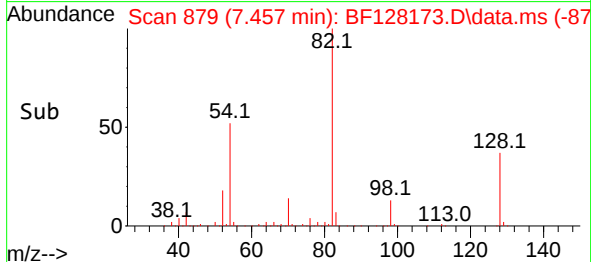
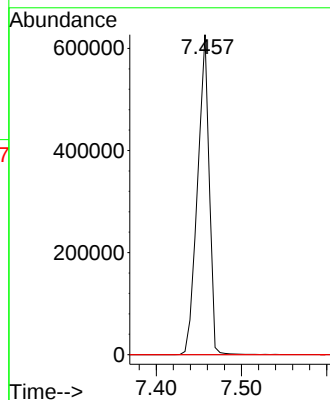
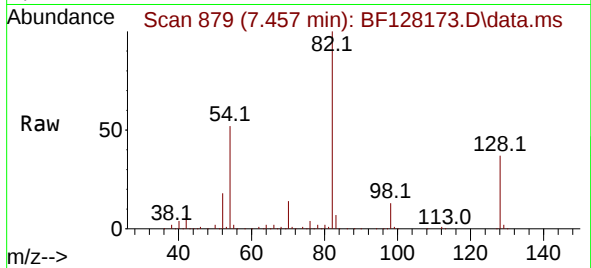




#25
Isophorone
Concen: 58.849 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

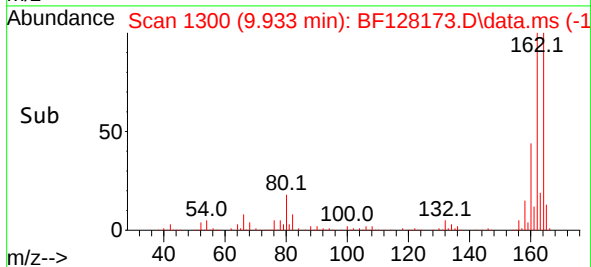
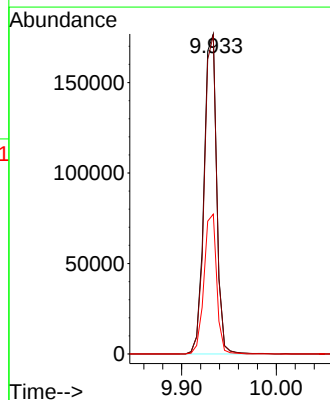
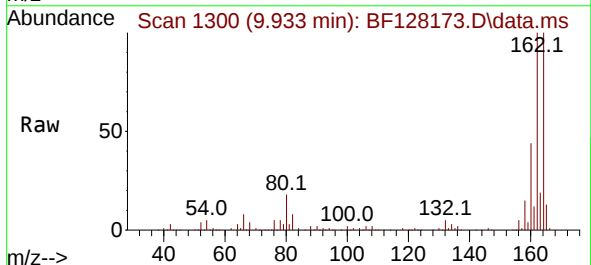
Instrument :
BNA_F
ClientSampleId :
VNJ-221

Tgt Ion: 82 Resp: 596960
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: BF128173.D
Acq: 10 May 2022 21:28

Tgt Ion:164 Resp: 163317
Ion Ratio Lower Upper
164 100
162 99.6 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 138.163 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-221

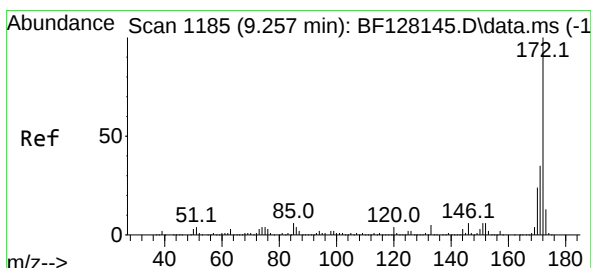
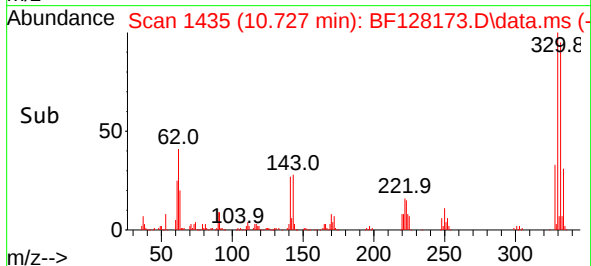
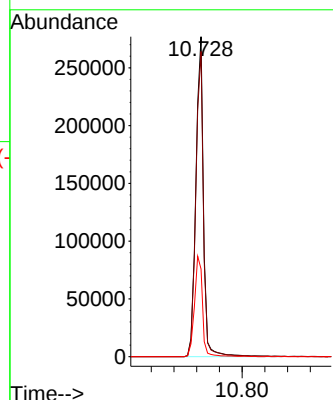
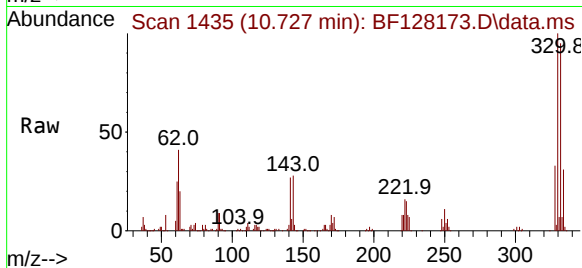
Tgt Ion:330 Resp: 258785

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 94.587 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

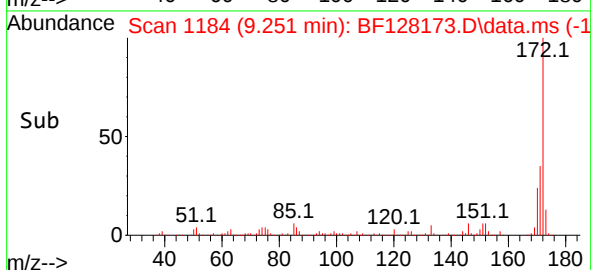
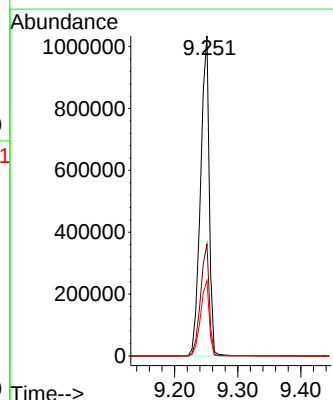
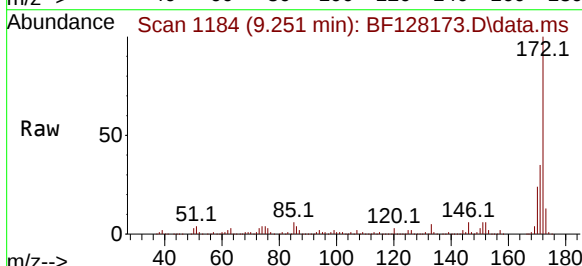
Tgt Ion:172 Resp: 987267

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.160 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-221

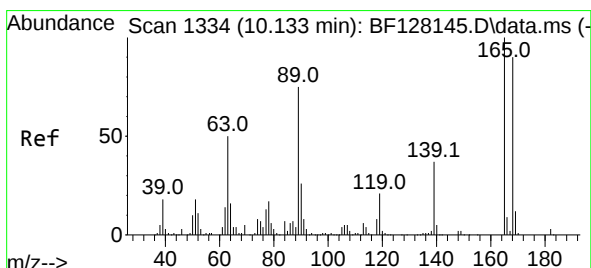
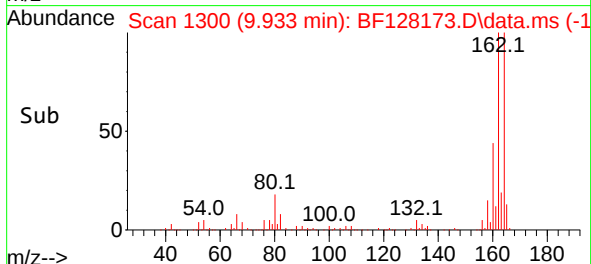
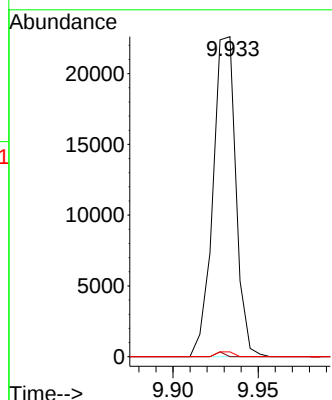
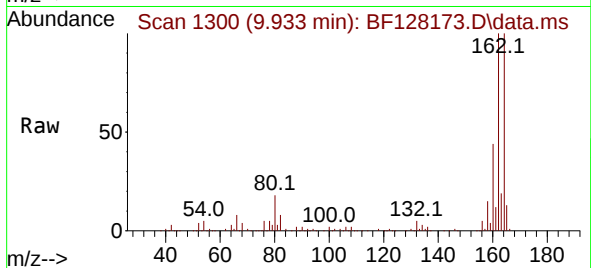
Tgt Ion:165 Resp: 21178

Ion Ratio Lower Upper

165 100

63 0.0 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.851 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

Tgt Ion:165 Resp: 21178

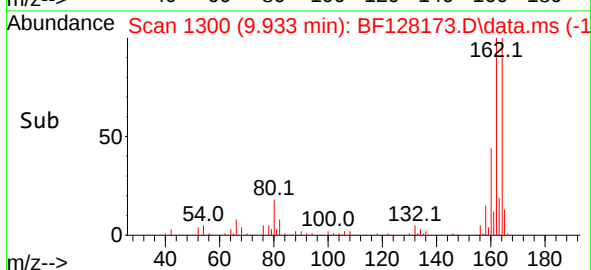
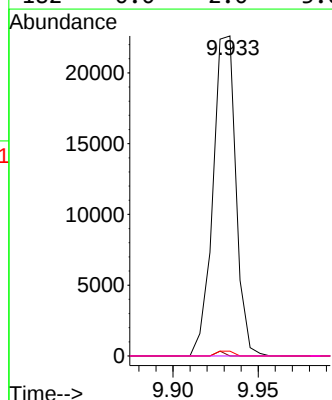
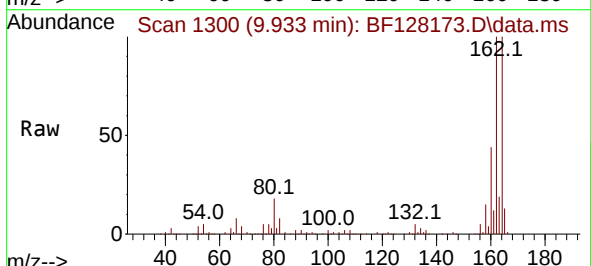
Ion Ratio Lower Upper

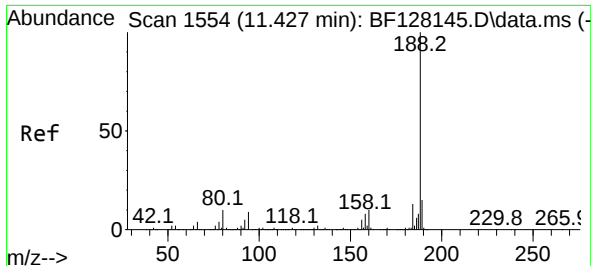
165 100

63 0.0 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

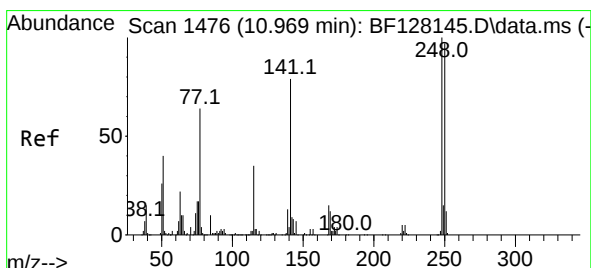
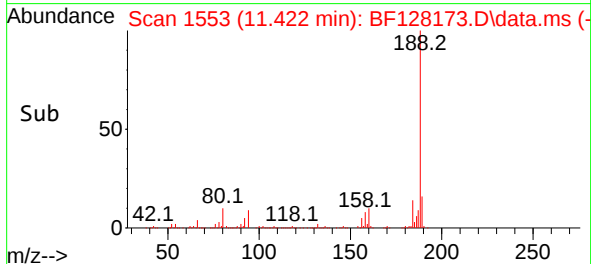
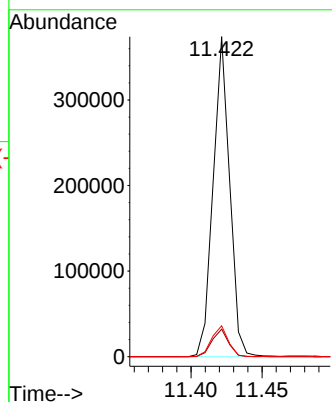
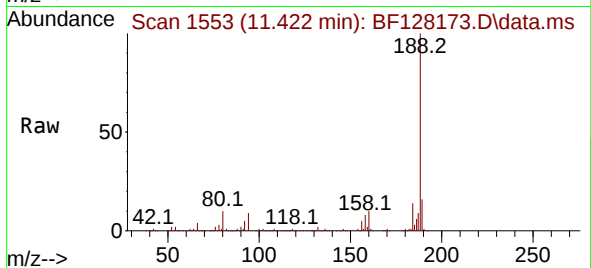




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

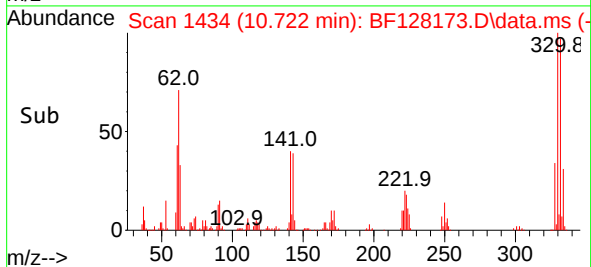
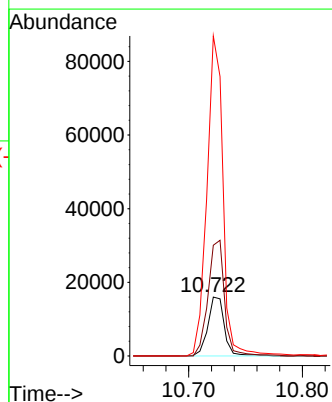
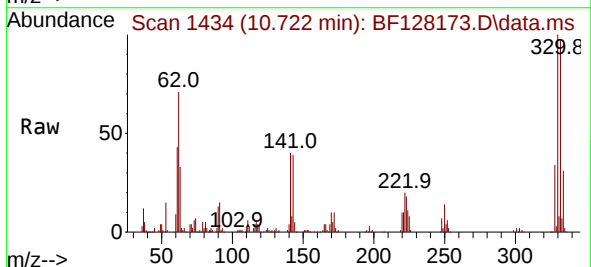
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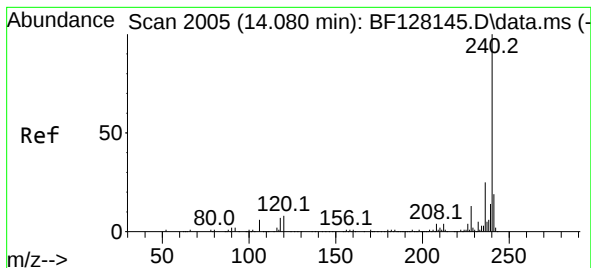
Tgt Ion:188 Resp: 303510
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128173.D
Acq: 10 May 2022 21:28

Tgt Ion:248 Resp: 16117
Ion Ratio Lower Upper
248 100
250 188.1 77.7 116.5#
141 543.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

Instrument :

BNA_F

ClientSampleId :

VNJ-221

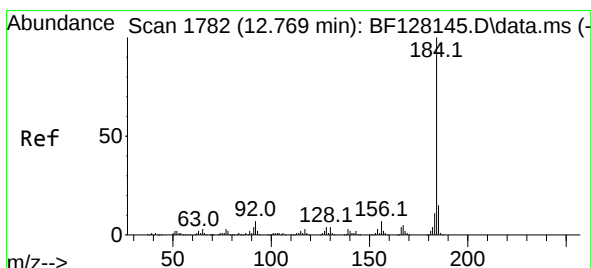
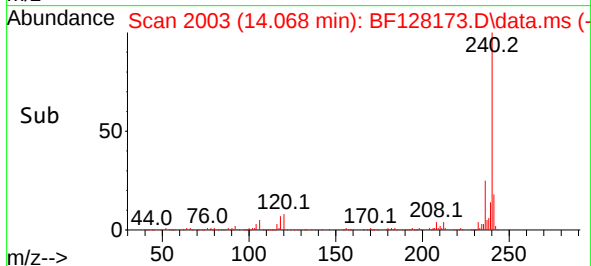
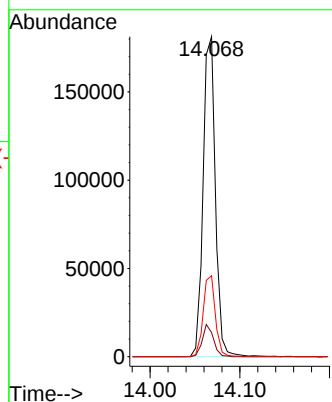
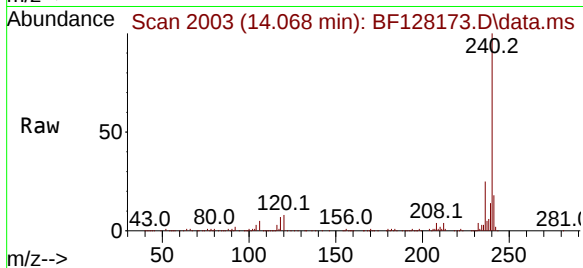
Tgt Ion:240 Resp: 172549

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 4.328 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.241 min

Lab File: BF128173.D

Acq: 10 May 2022 21:28

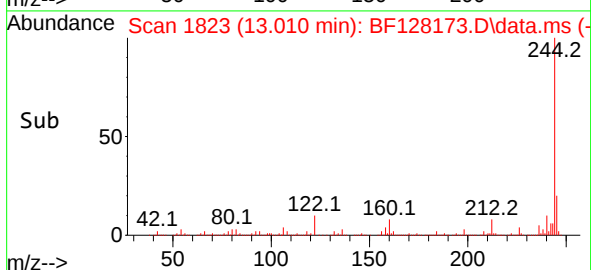
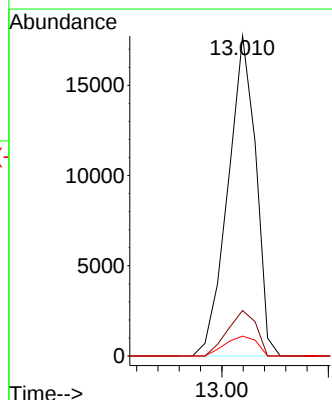
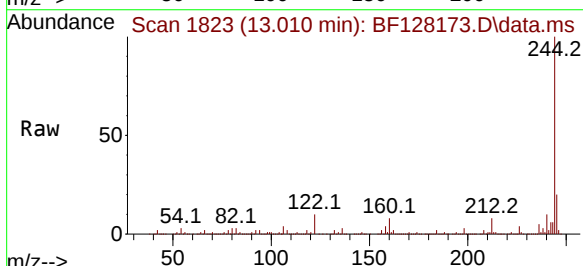
Tgt Ion:184 Resp: 16176

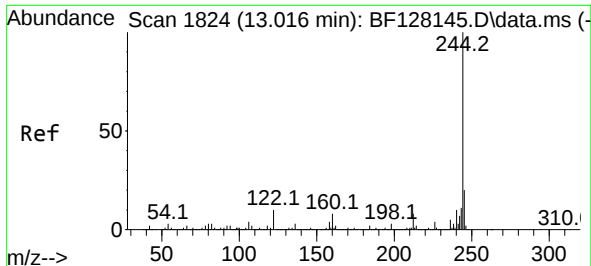
Ion Ratio Lower Upper

184 100

185 14.2 12.1 18.1

183 6.2 9.0 13.4#

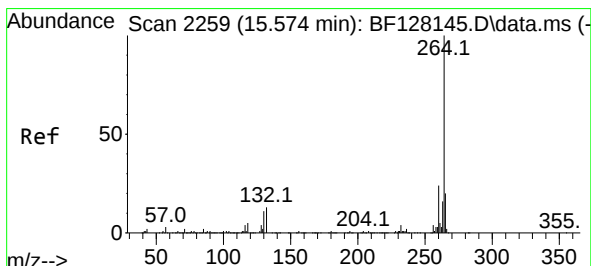
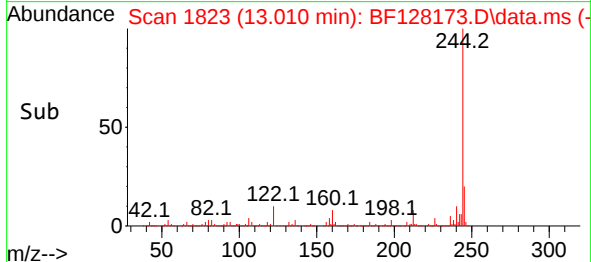
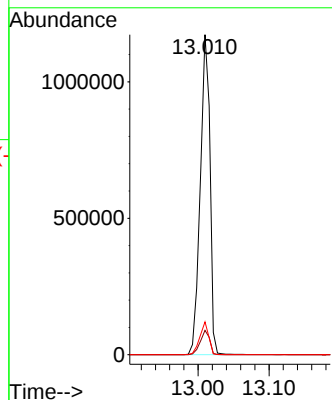
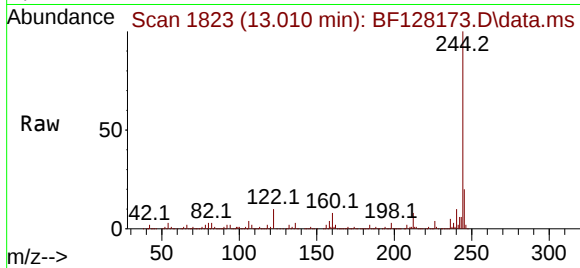




#79
 Terphenyl-d14
 Concen: 121.129 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128173.D
 Acq: 10 May 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-221

Tgt Ion:244 Resp: 1113858
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128173.D
 Acq: 10 May 2022 21:28

Tgt Ion:264 Resp: 166268
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 20.4 17.5 26.3

