

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128171.D
 Acq On : 10 May 2022 20:31
 Operator : CG\JU
 Sample : N2749-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: May 11 04:01:43 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)

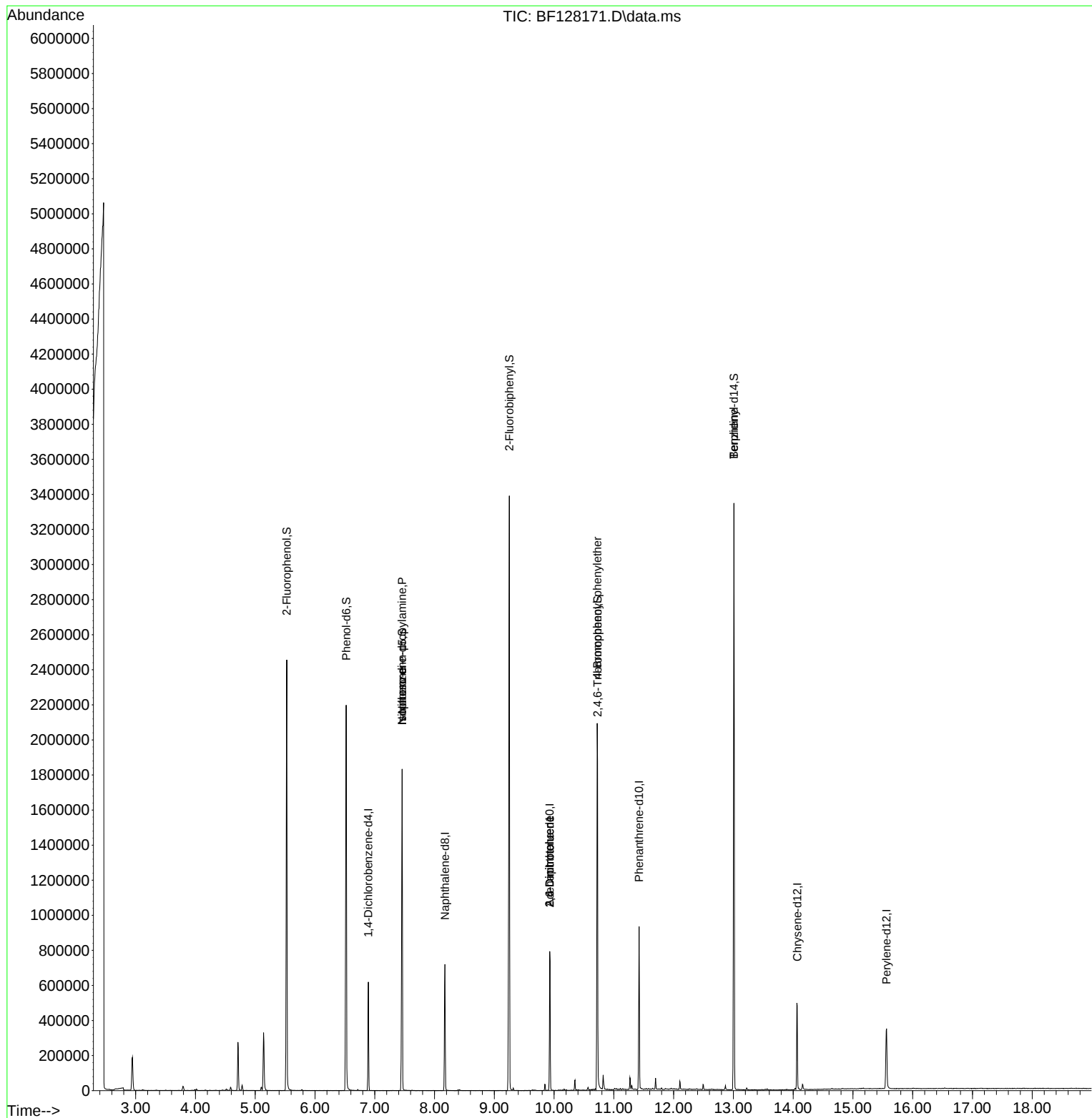
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79451	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	305350	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	172375	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	313411	20.000	ng	0.00
76) Chrysene-d12	14.068	240	178596	20.000	ng	-0.01
86) Perylene-d12	15.562	264	173906	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	623568	125.115	ng	0.01
7) Phenol-d6	6.522	99	756637	114.780	ng	0.00
23) Nitrobenzene-d5	7.457	82	626690	92.350	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	268390	135.761	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1033602	93.823	ng	0.00
79) Terphenyl-d14	13.010	244	1137116	119.471	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1195	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	86212	21.237	ng	# 79
25) Isophorone	7.457	82	625460	58.790	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	22629	9.274	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	22629	6.935	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	16265	4.824	ng	# 1
77) Benizidine	13.010	184	16795	4.342	ng	# 94

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

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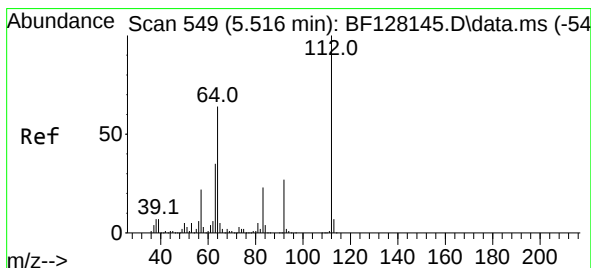
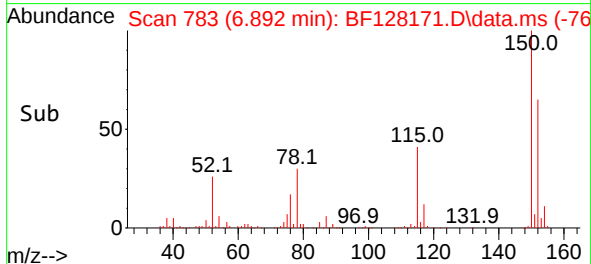
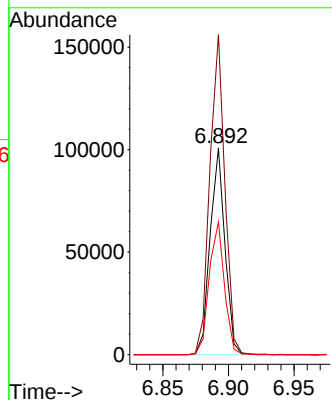
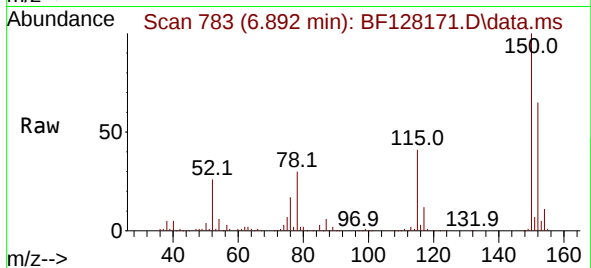




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

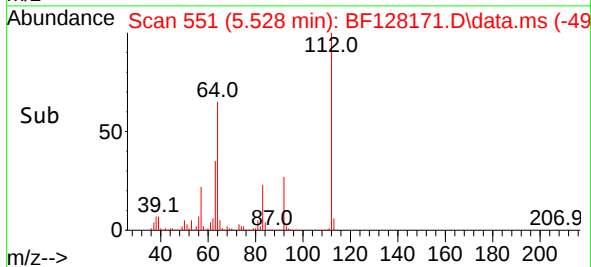
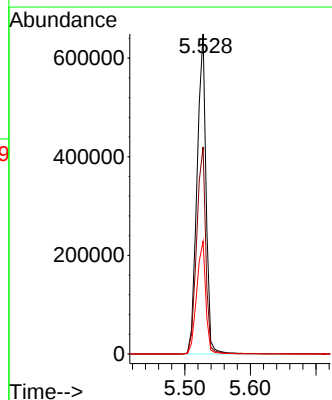
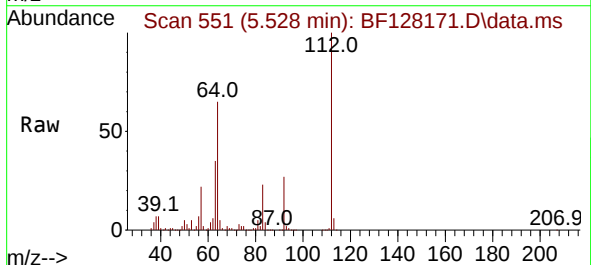
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 79451
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 64.2 48.8 73.2



#5
2-Fluorophenol
Concen: 125.115 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion:112 Resp: 623568
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.2 26.3 39.5

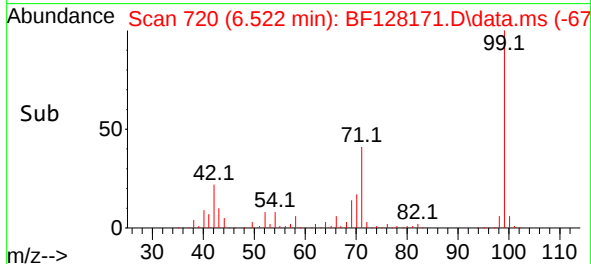
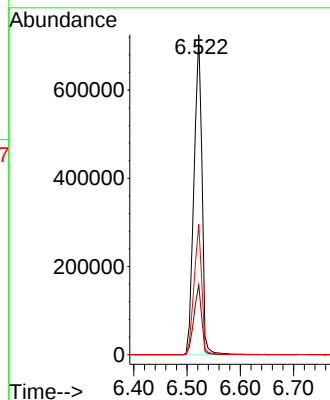
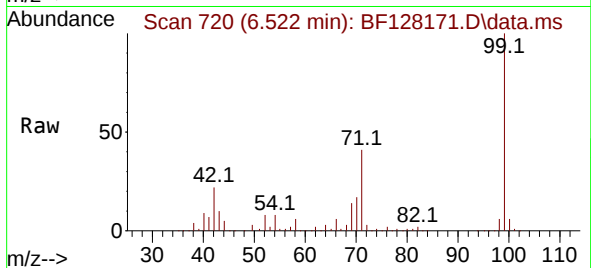




#7
Phenol-d6
Concen: 114.780 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

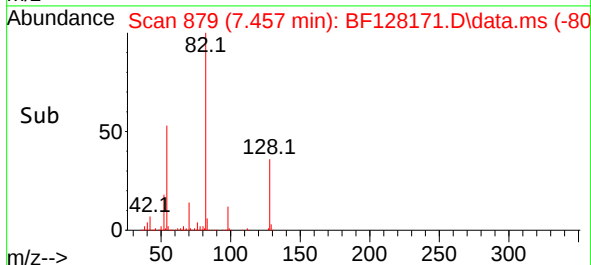
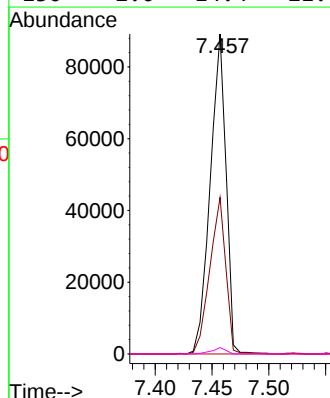
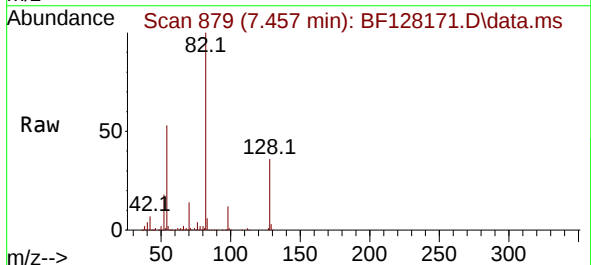
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 756637
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.237 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion: 70 Resp: 86212
Ion Ratio Lower Upper
70 100
42 48.9 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

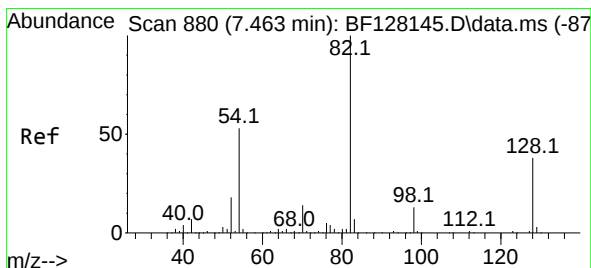
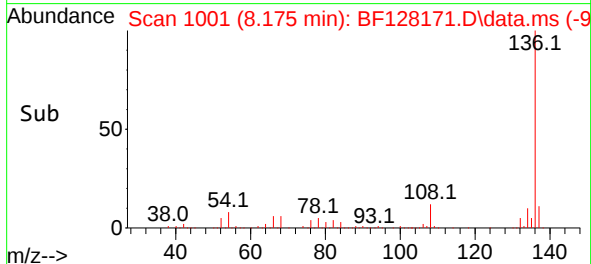
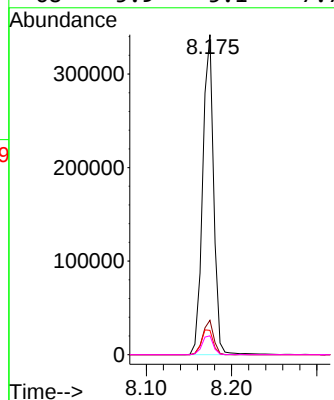
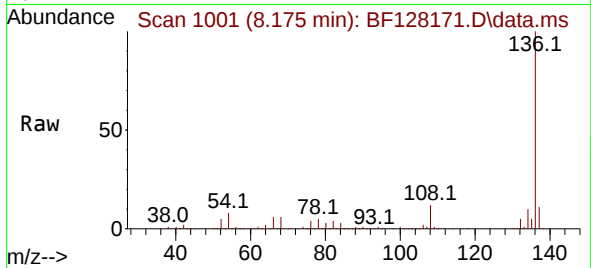




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

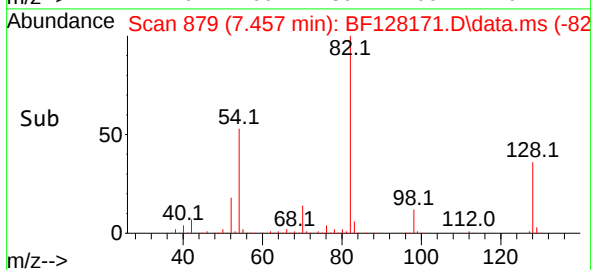
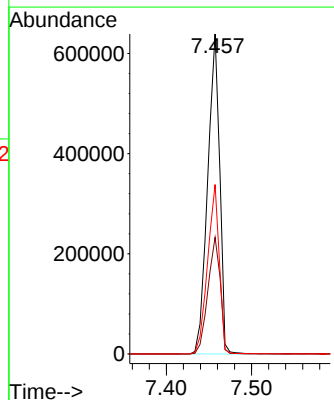
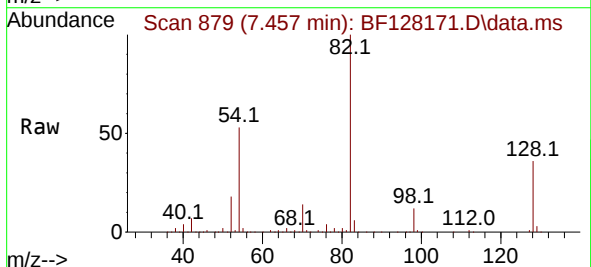
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 305350
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.6 6.8 10.2
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 92.350 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion: 82 Resp: 626690
Ion Ratio Lower Upper
82 100
128 36.4 30.0 45.0
54 52.9 41.3 61.9

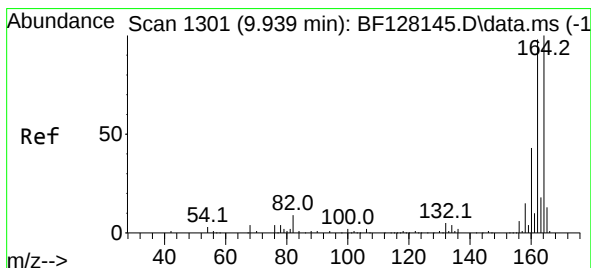
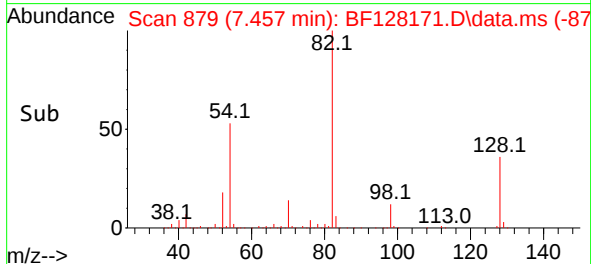
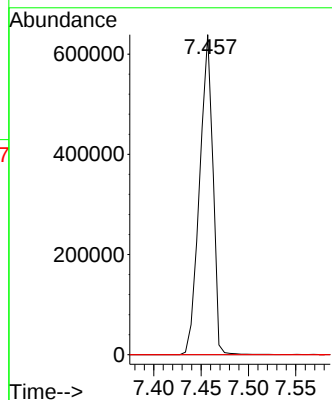
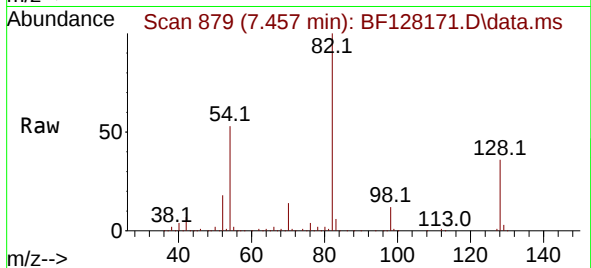




#25
Isophorone
Concen: 58.790 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

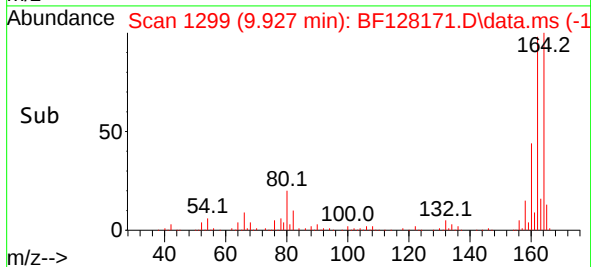
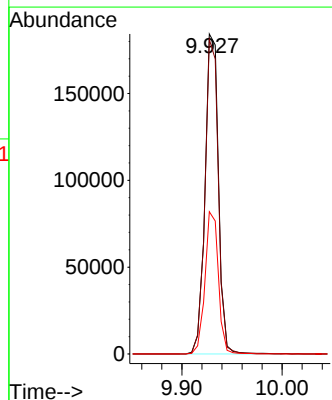
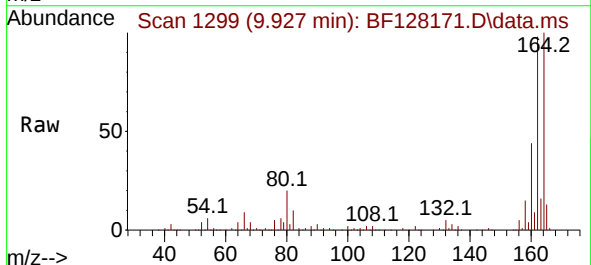
Instrument :
BNA_F
ClientSampleId :
TP-5

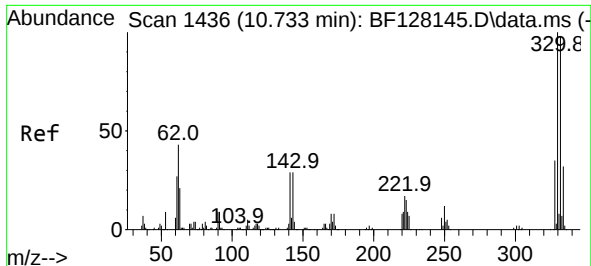
Tgt Ion: 82 Resp: 625460
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion:164 Resp: 172375
Ion Ratio Lower Upper
164 100
162 98.3 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 135.761 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128171.D

Acq: 10 May 2022 20:31

Instrument :

BNA_F

ClientSampleId :

TP-5

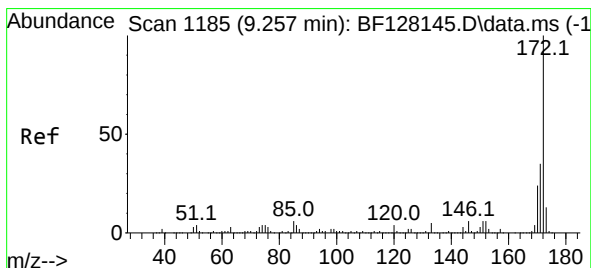
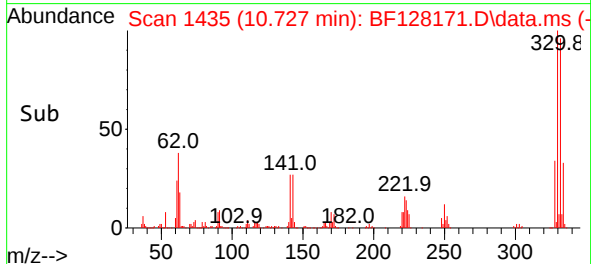
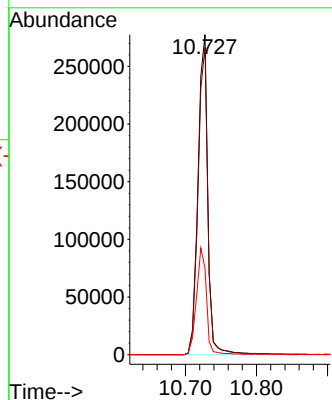
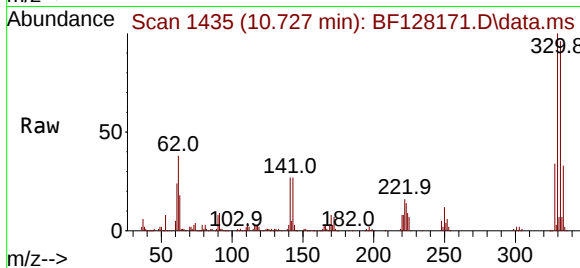
Tgt Ion:330 Resp: 268390

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 93.823 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128171.D

Acq: 10 May 2022 20:31

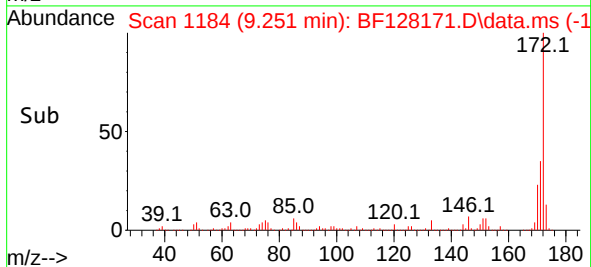
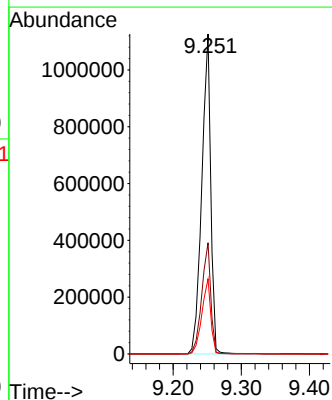
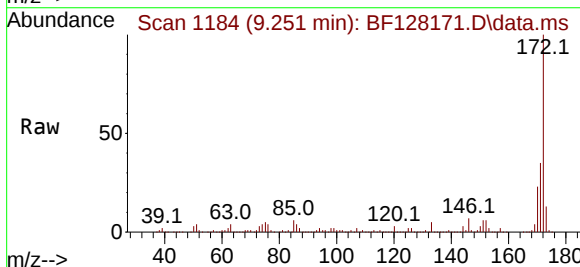
Tgt Ion:172 Resp: 1033602

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.4 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.274 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.200 min

Lab File: BF128171.D

Acq: 10 May 2022 20:31

Instrument :

BNA_F

ClientSampleId :

TP-5

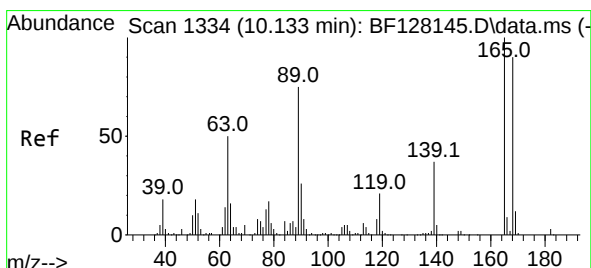
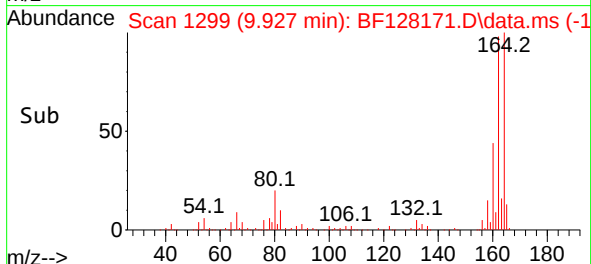
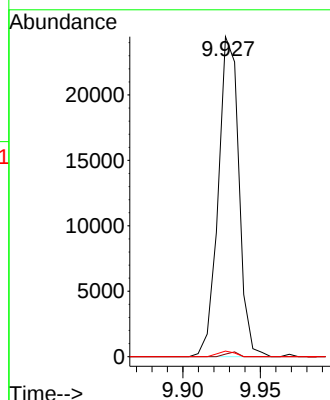
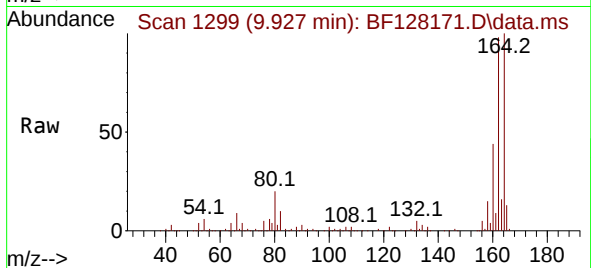
Tgt Ion:165 Resp: 22629

Ion Ratio Lower Upper

165 100

63 0.8 49.5 74.3#

89 1.7 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.935 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.206 min

Lab File: BF128171.D

Acq: 10 May 2022 20:31

Tgt Ion:165 Resp: 22629

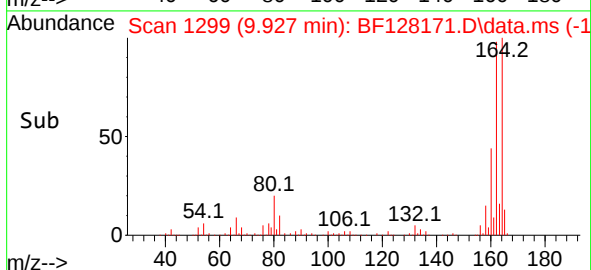
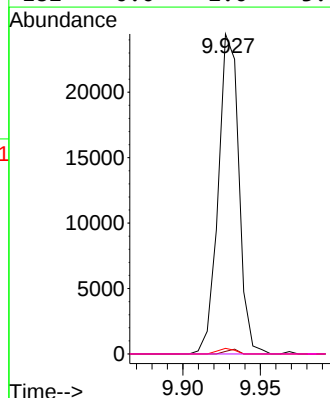
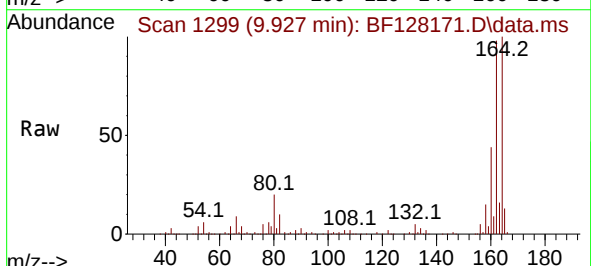
Ion Ratio Lower Upper

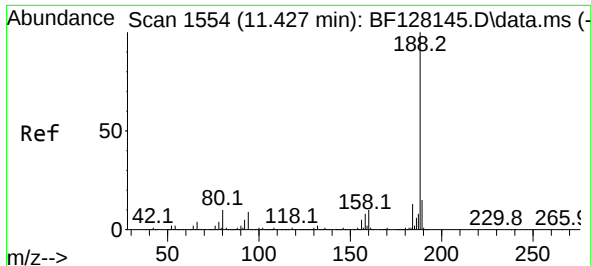
165 100

63 0.8 32.6 49.0#

89 1.7 55.2 82.8#

182 0.0 2.0 3.0#

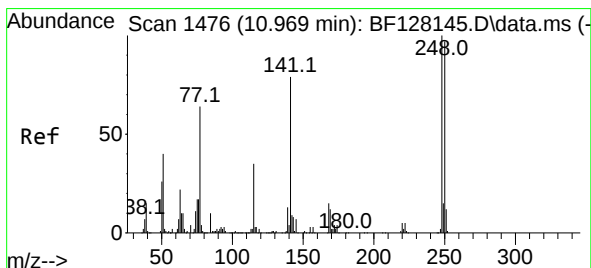
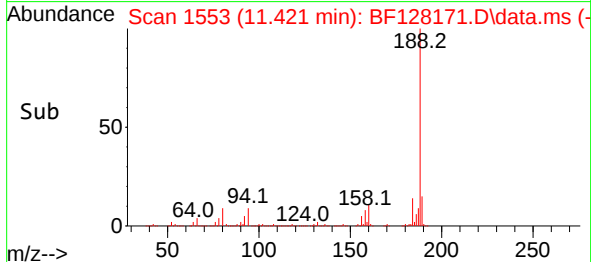
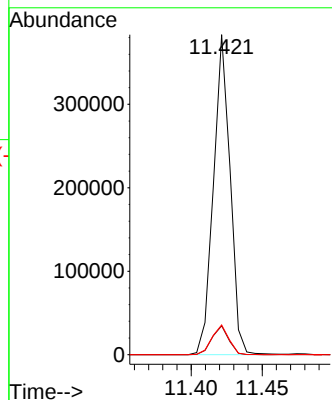
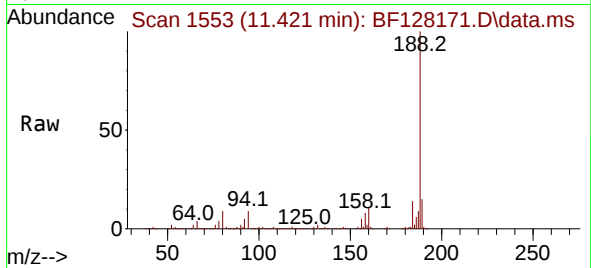




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

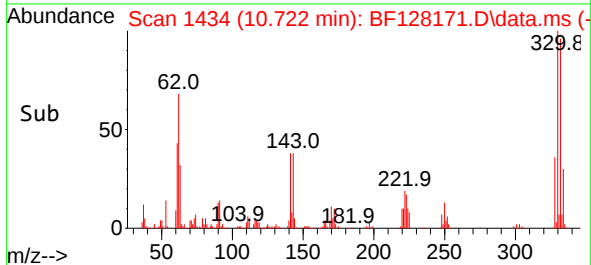
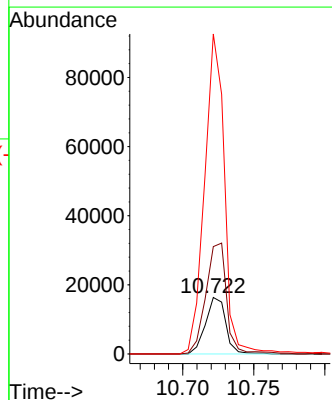
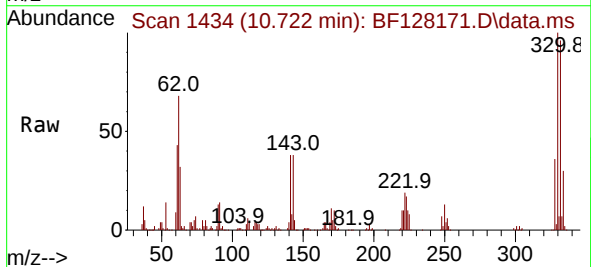
Instrument :
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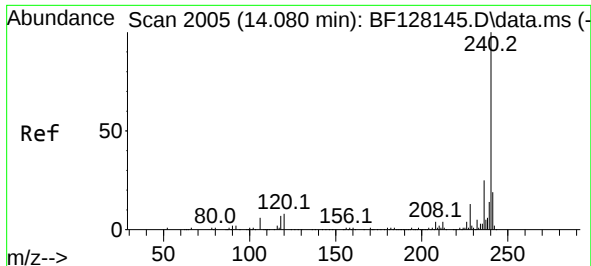
Tgt Ion:188 Resp: 313411
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.824 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion:248 Resp: 16265
Ion Ratio Lower Upper
248 100
250 190.3 77.7 116.5#
141 566.7 65.6 98.4#

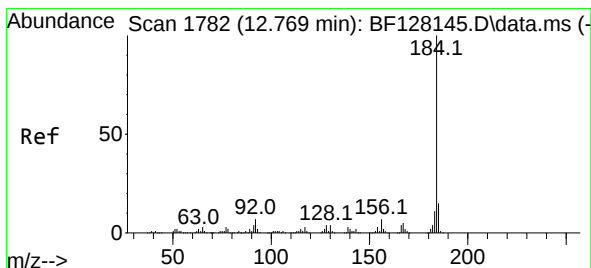
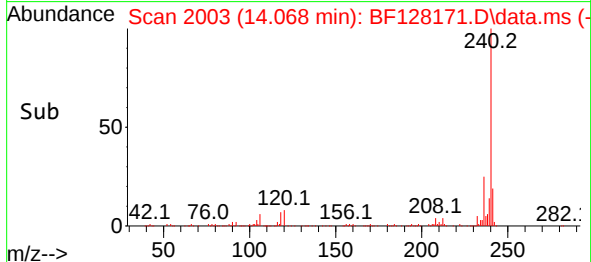
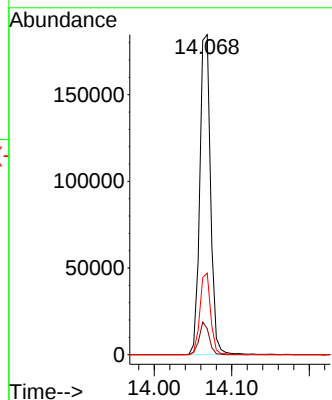
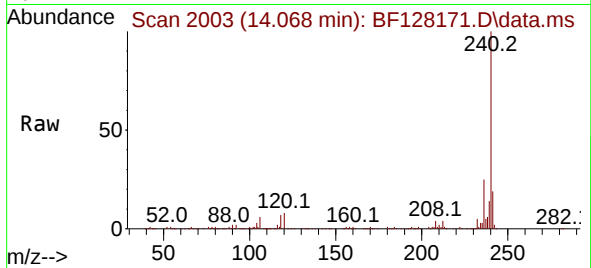




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

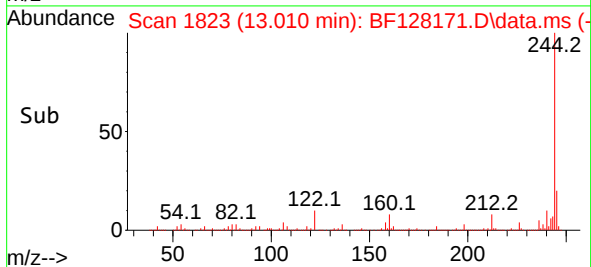
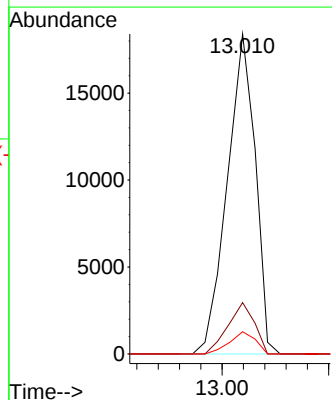
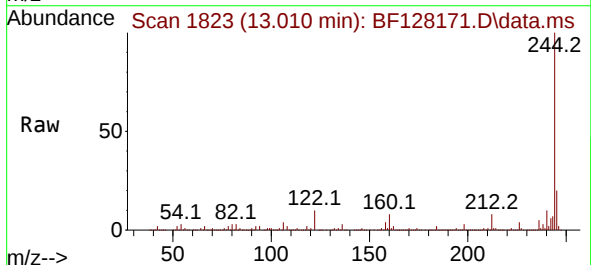
Instrument :
BNA_F
ClientSampleId :
TP-5

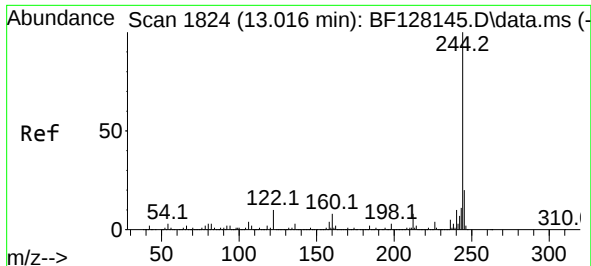
Tgt Ion:240 Resp: 178596
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 4.342 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128171.D
Acq: 10 May 2022 20:31

Tgt Ion:184 Resp: 16795
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 7.0 9.0 13.4#

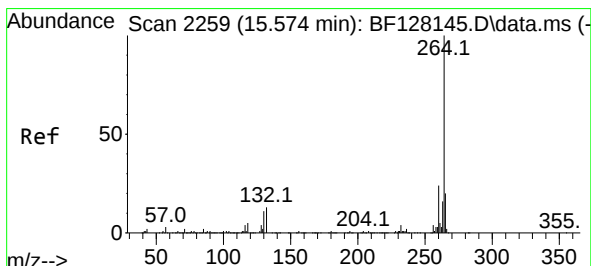
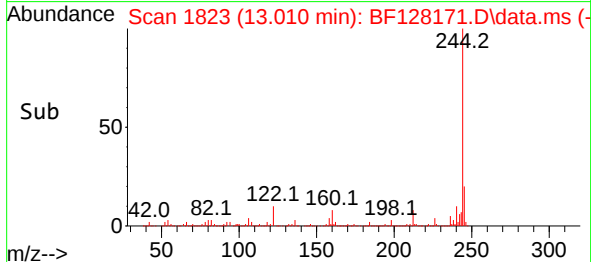
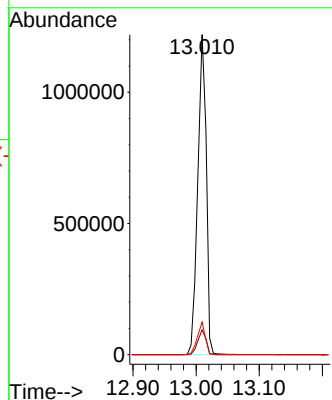
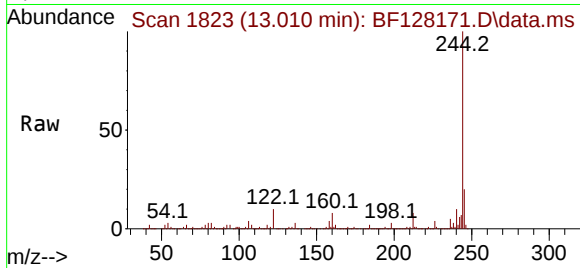




#79
 Terphenyl-d14
 Concen: 119.471 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128171.D
 Acq: 10 May 2022 20:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1137116
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.1 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: BF128171.D
 Acq: 10 May 2022 20:31

Tgt Ion:264 Resp: 173906
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.7 17.5 26.3

