

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135678.D
 Acq On : 10 Oct 2023 11:16
 Operator : CG\JU
 Sample : PB156189BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BL

Quant Time: Oct 11 02:45:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

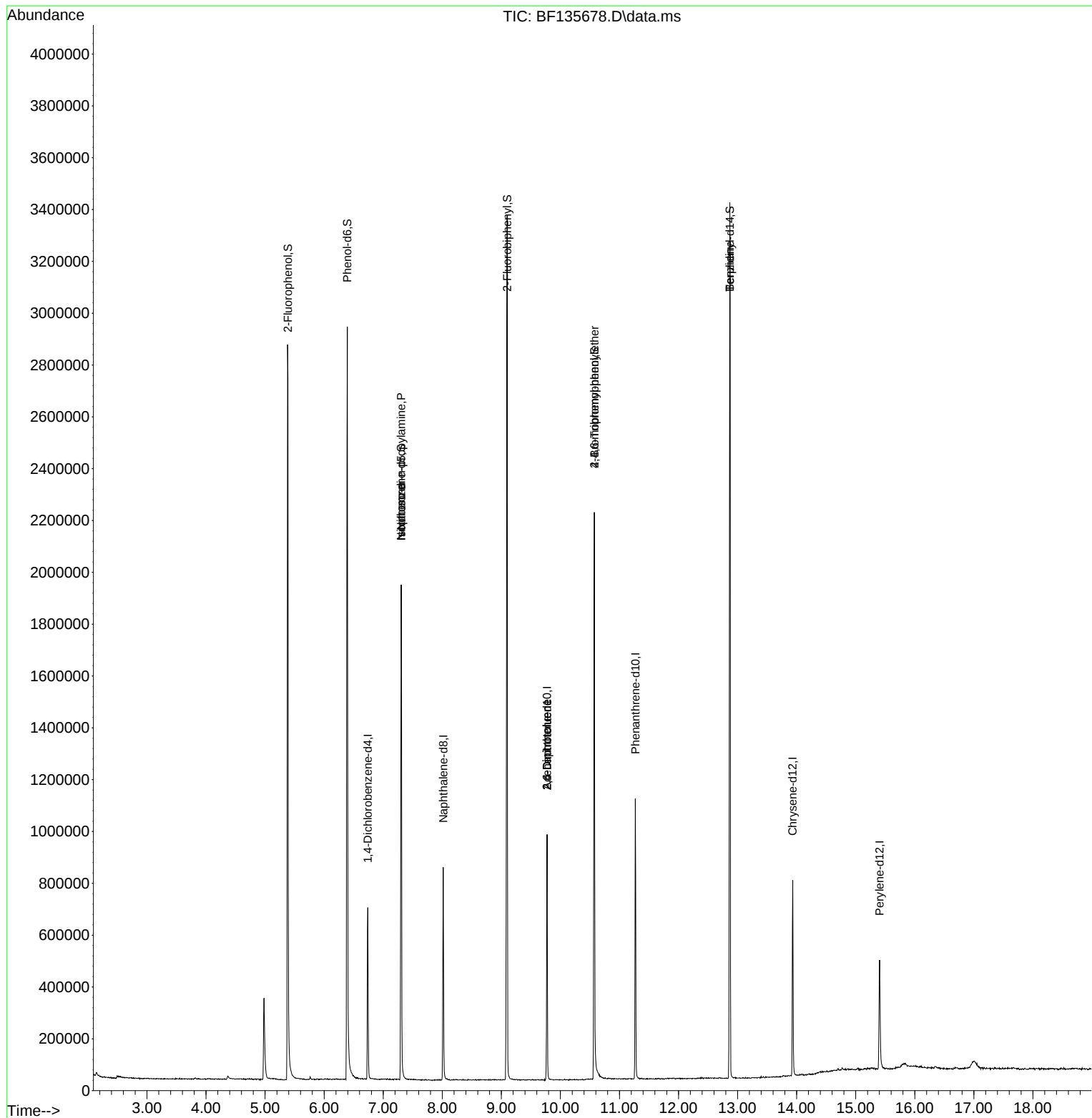
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101227	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	374321	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	192435	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	407363	20.000	ng	0.00
76) Chrysene-d12	13.933	240	264378	20.000	ng	0.00
86) Perylene-d12	15.404	264	227987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	831434	133.589	ng	0.02
7) Phenol-d6	6.393	99	1064612	134.524	ng	0.00
23) Nitrobenzene-d5	7.304	82	663614	96.318	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	286467	149.799	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1188797	93.204	ng	0.00
79) Terphenyl-d14	12.869	244	1363333	79.940	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	86727	17.693	ng	# 81
25) Isophorone	7.304	82	663614	52.453	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	24413	8.565	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	24413	6.842	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	18052	4.456	ng	# 1
77) Benzidine	12.869	184	17473	3.226	ng	# 94

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

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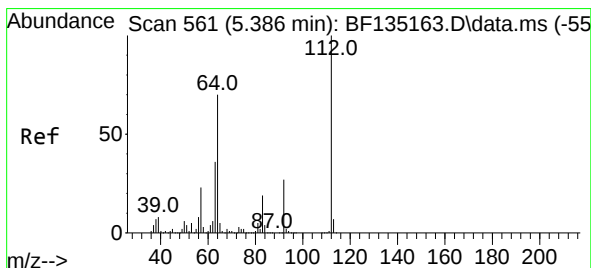
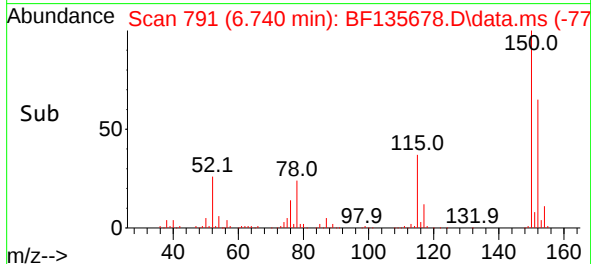
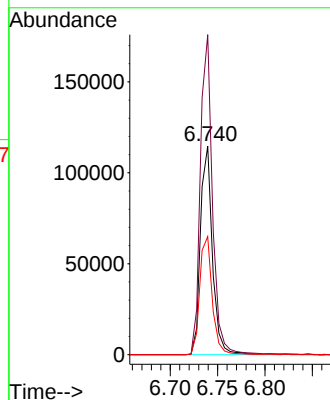
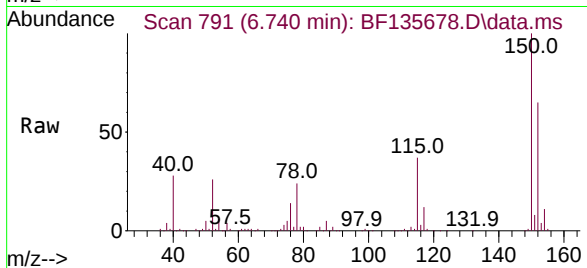




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

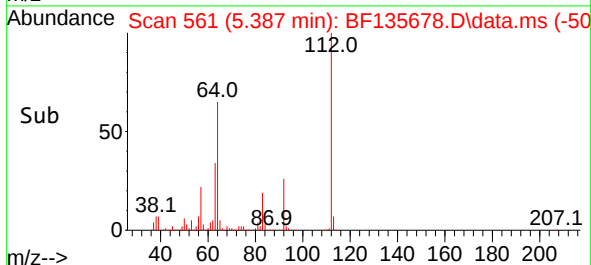
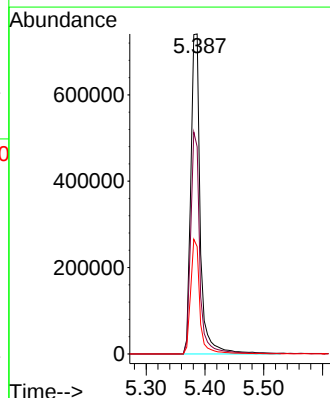
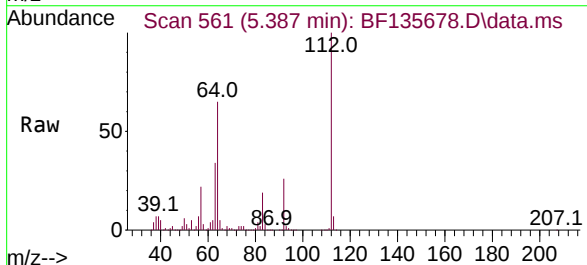
Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion:152 Resp: 101227
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 56.6 49.8 74.8



#5
2-Fluorophenol
Concen: 133.589 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion:112 Resp: 831434
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.5 29.0 43.6

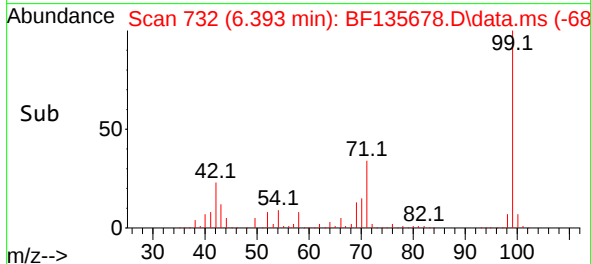
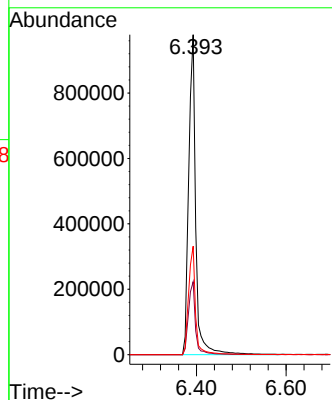
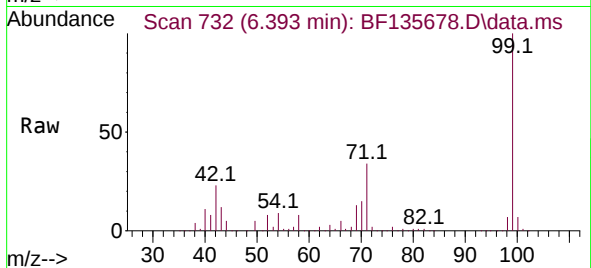




#7
Phenol-d6
Concen: 134.524 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

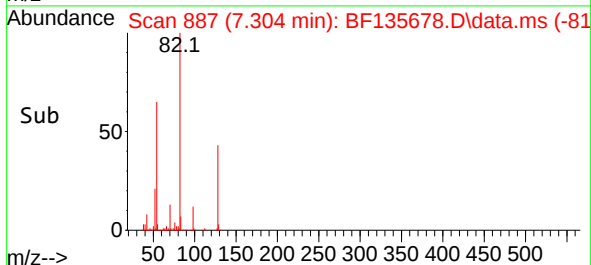
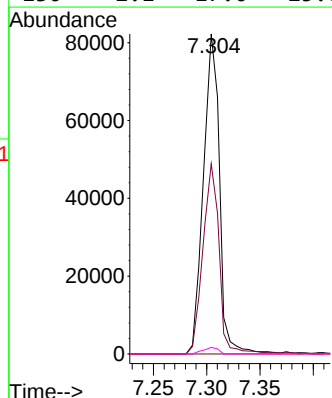
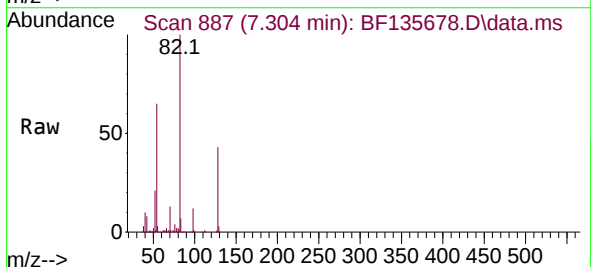
Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion: 99 Resp: 1064612
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 33.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.693 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion: 70 Resp: 86727
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



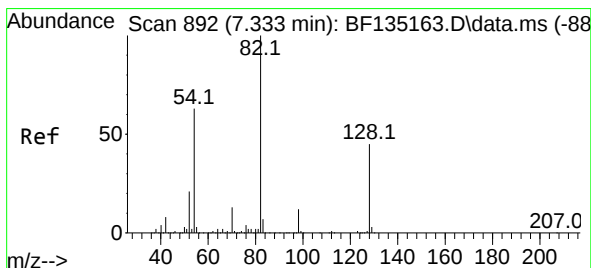
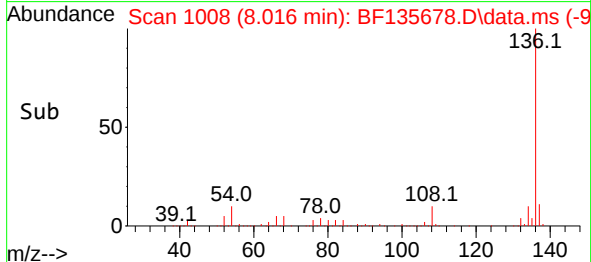
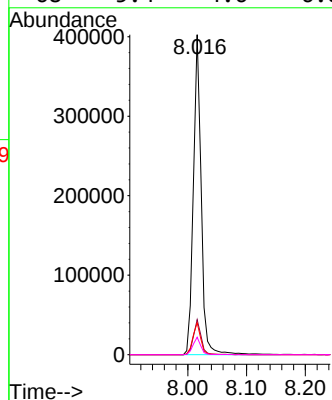
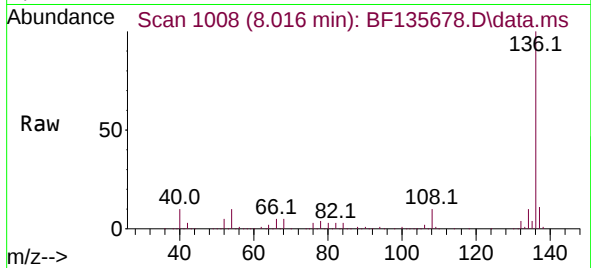


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion:136 Resp: 374321

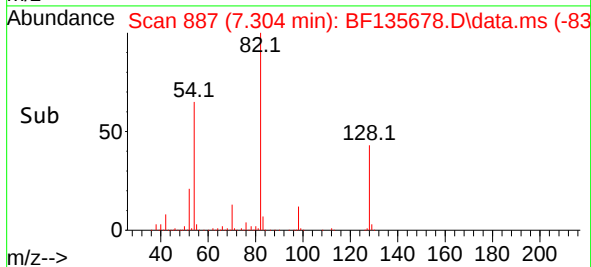
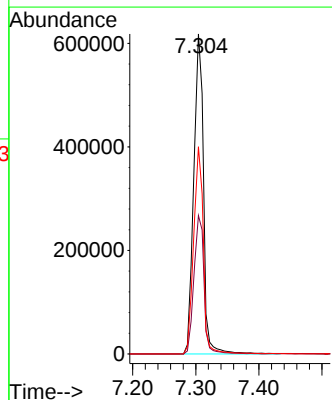
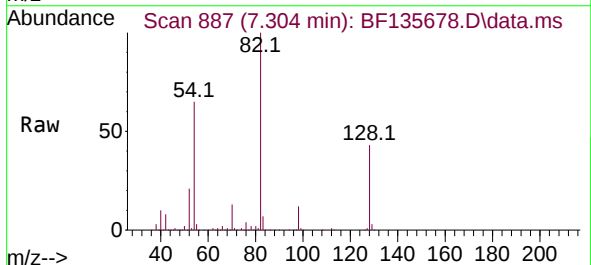
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.7	11.5
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 96.318 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion: 82 Resp: 663614

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.8	53.6
54	64.7	50.6	76.0

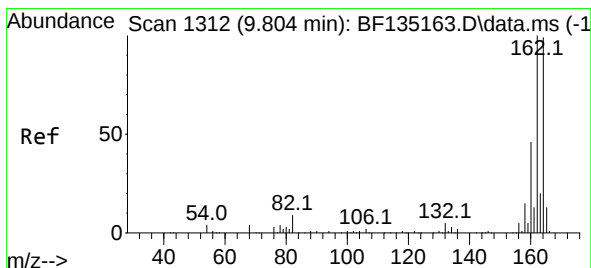
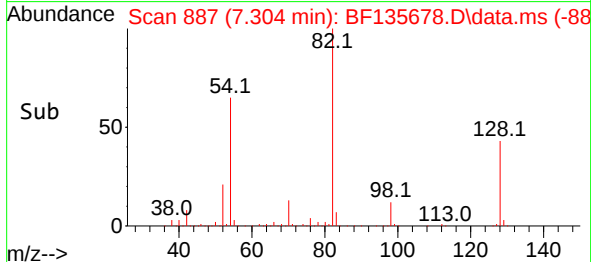
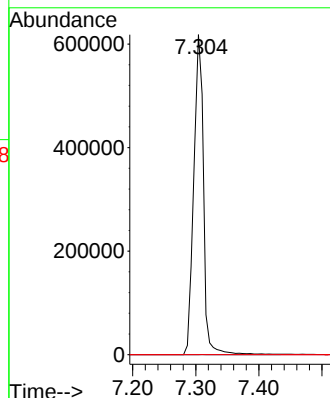
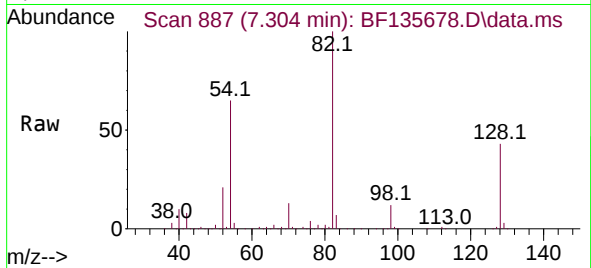




#25
Isophorone
Concen: 52.453 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

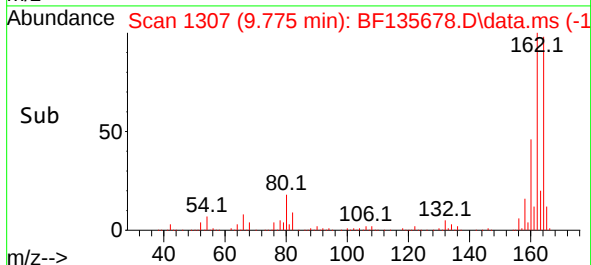
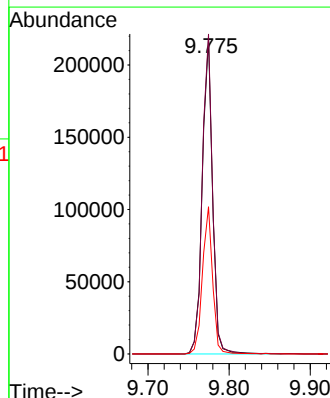
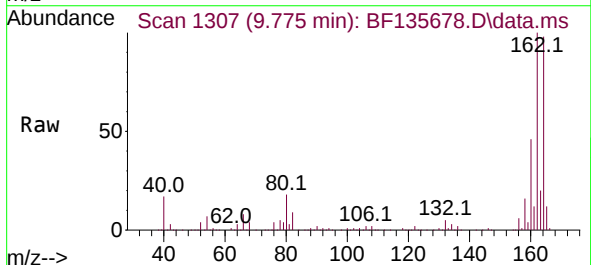
Instrument :
BNA_F
ClientSampleId :
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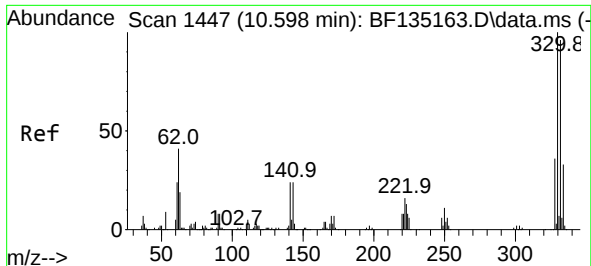
Tgt Ion: 82 Resp: 663614
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion:164 Resp: 192435
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 46.7 37.0 55.4

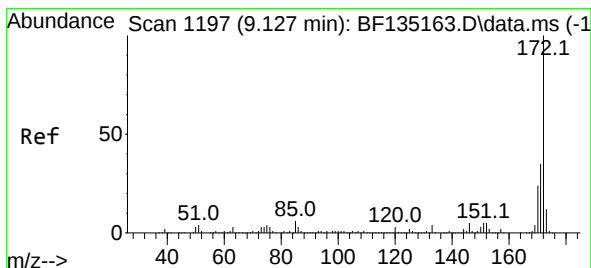
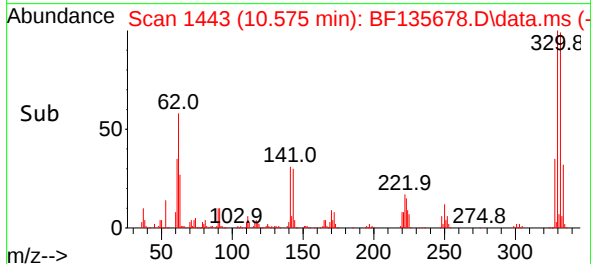
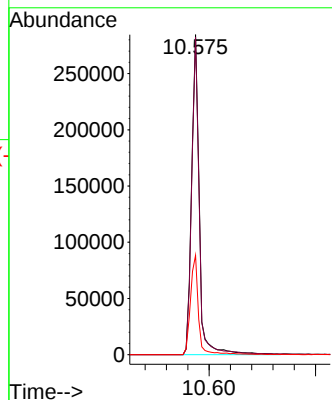
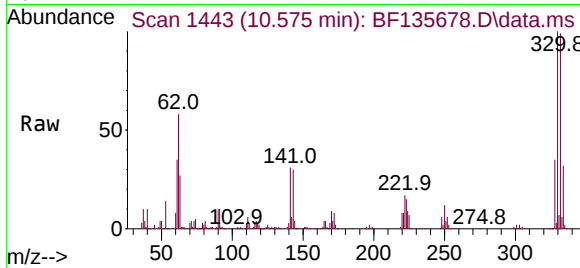




#42
2,4,6-Tribromophenol
Concen: 149.799 ng
RT: 10.575 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

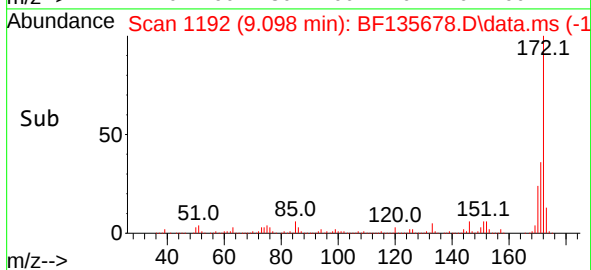
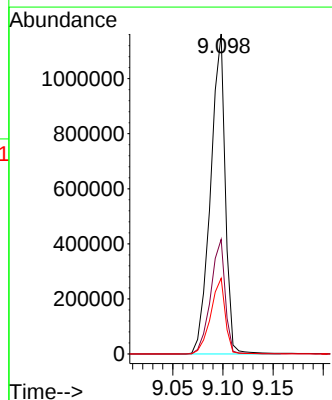
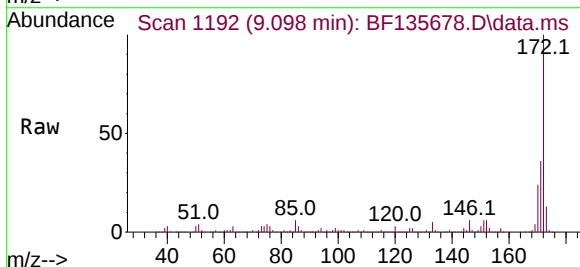
Instrument :
BNA_F
ClientSampleId :
PB156189BL

Tgt Ion:330 Resp: 286467
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 93.204 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion:172 Resp: 1188797
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.0 28.4

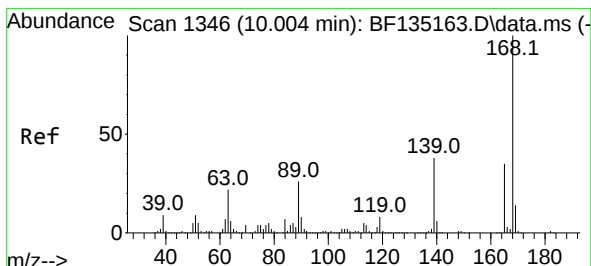
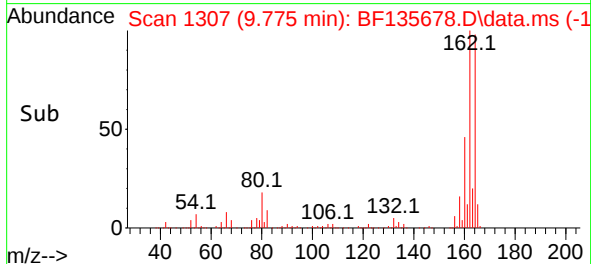
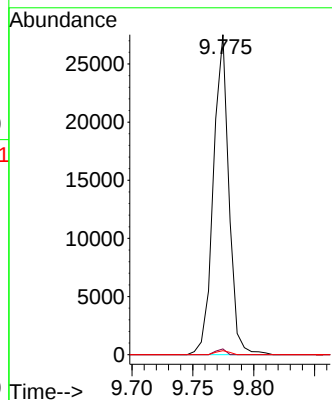
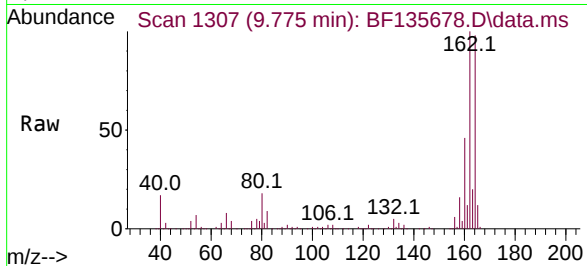




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

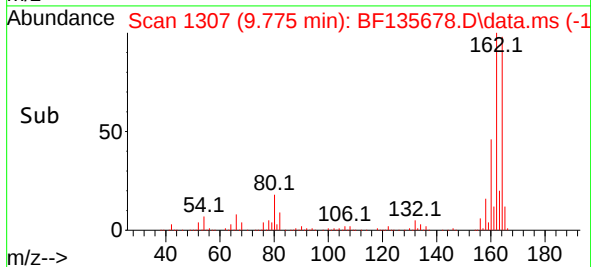
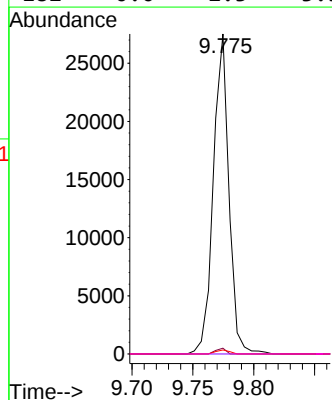
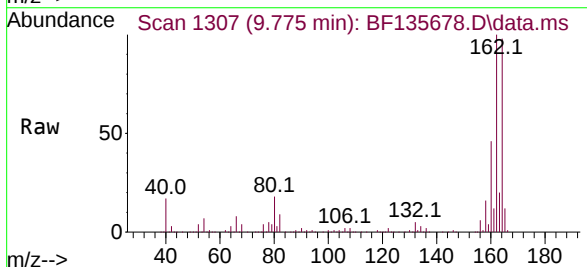
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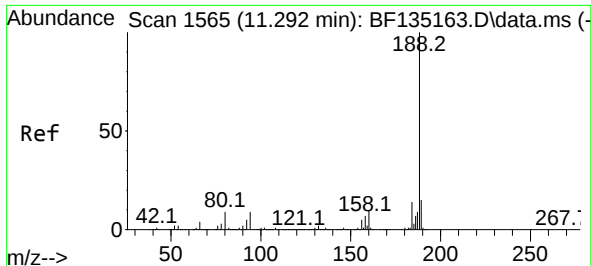
Tgt Ion:165 Resp: 24413
Ion Ratio Lower Upper
165 100
63 1.8 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.842 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion:165 Resp: 24413
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#

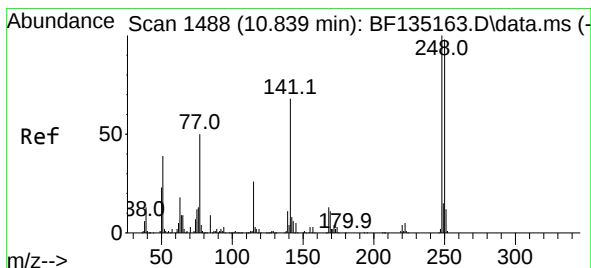
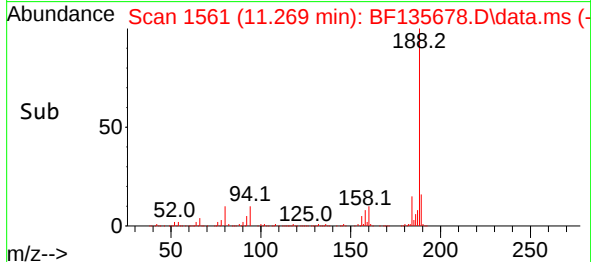
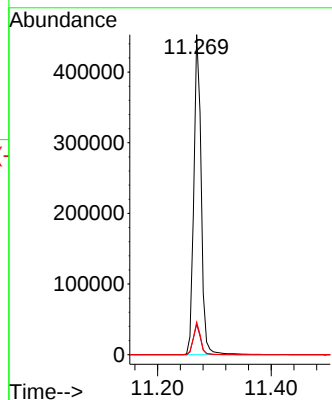
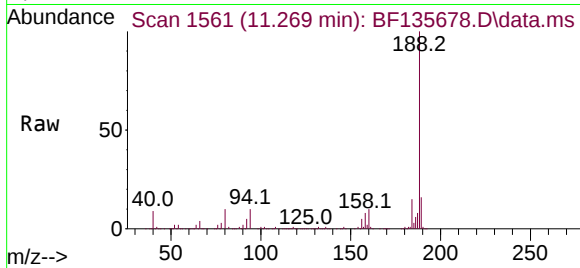




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

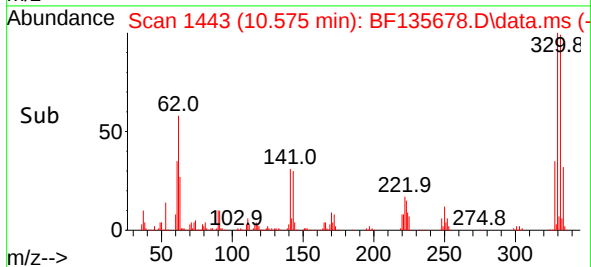
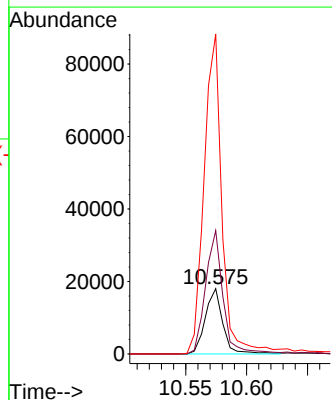
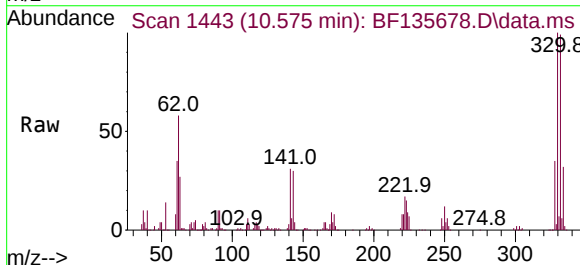
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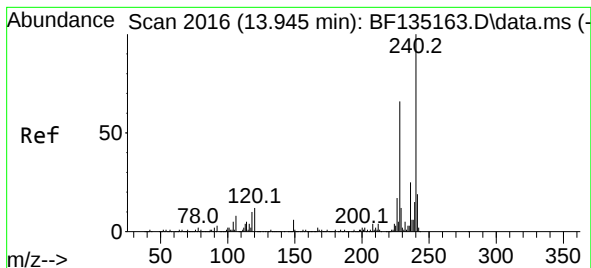
Tgt Ion:188 Resp: 407363
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF135678.D
Acq: 10 Oct 2023 11:16

Tgt Ion:248 Resp: 18052
Ion Ratio Lower Upper
248 100
250 189.2 78.6 117.8#
141 490.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135678.D

Acq: 10 Oct 2023 11:16

Instrument :

BNA_F

ClientSampleId :

PB156189BL

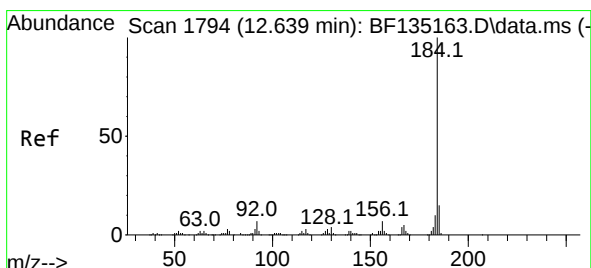
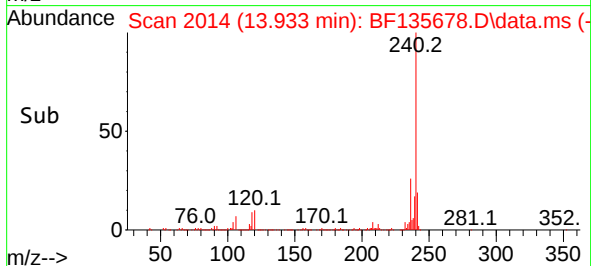
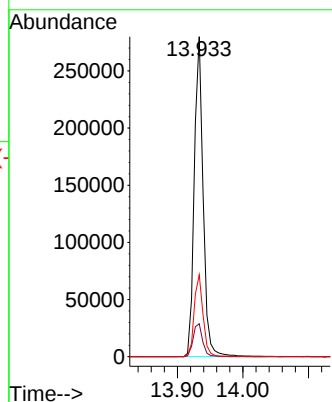
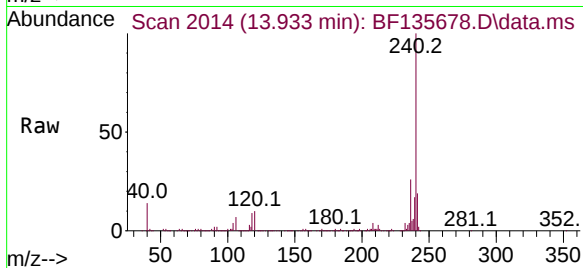
Tgt Ion:240 Resp: 264378

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.226 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.241 min

Lab File: BF135678.D

Acq: 10 Oct 2023 11:16

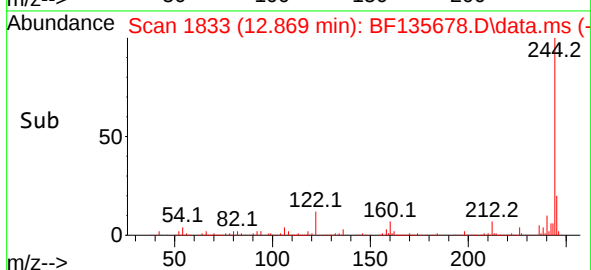
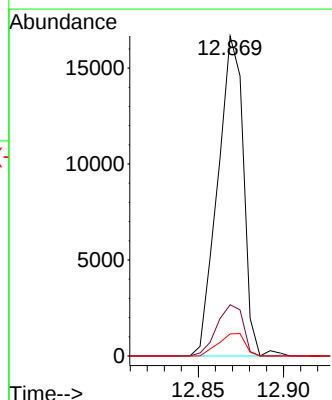
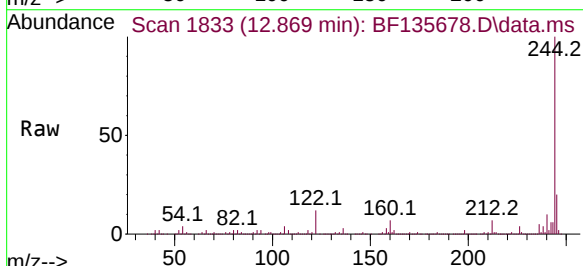
Tgt Ion:184 Resp: 17473

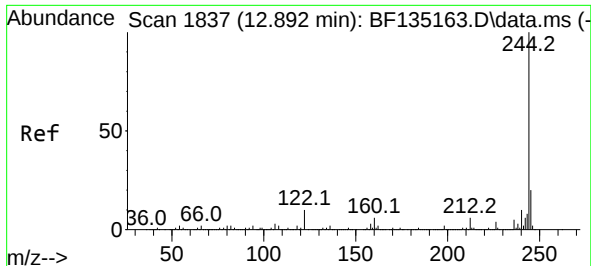
Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 6.9 8.2 12.4#

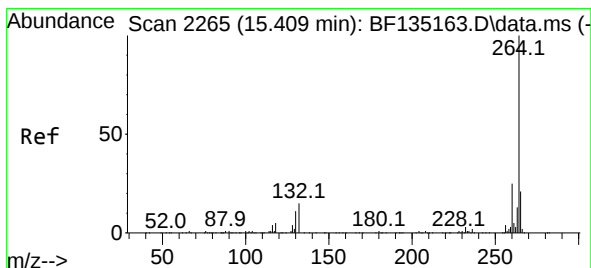
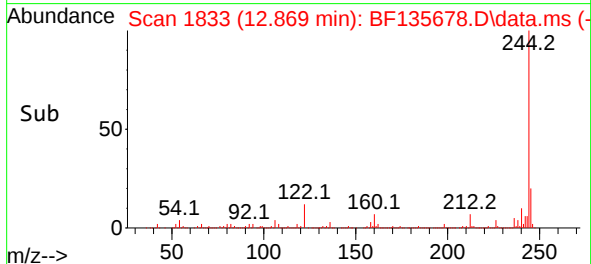
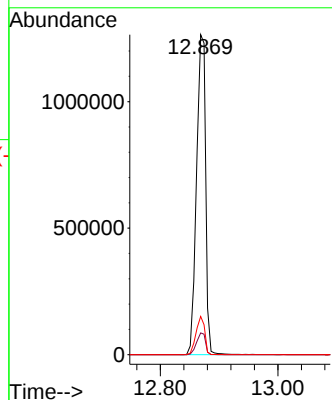
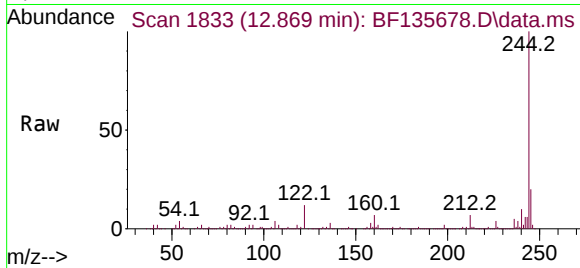




#79
 Terphenyl-d14
 Concen: 79.940 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135678.D
 Acq: 10 Oct 2023 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB156189BL

Tgt Ion:244 Resp: 1363333
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135678.D
 Acq: 10 Oct 2023 11:16

Tgt Ion:264 Resp: 227987
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 20.9 17.0 25.4

