

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139419.D
 Acq On : 18 Sep 2024 11:11
 Operator : RC/JU
 Sample : PB163323BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163323BL

Quant Time: Sep 18 11:36:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

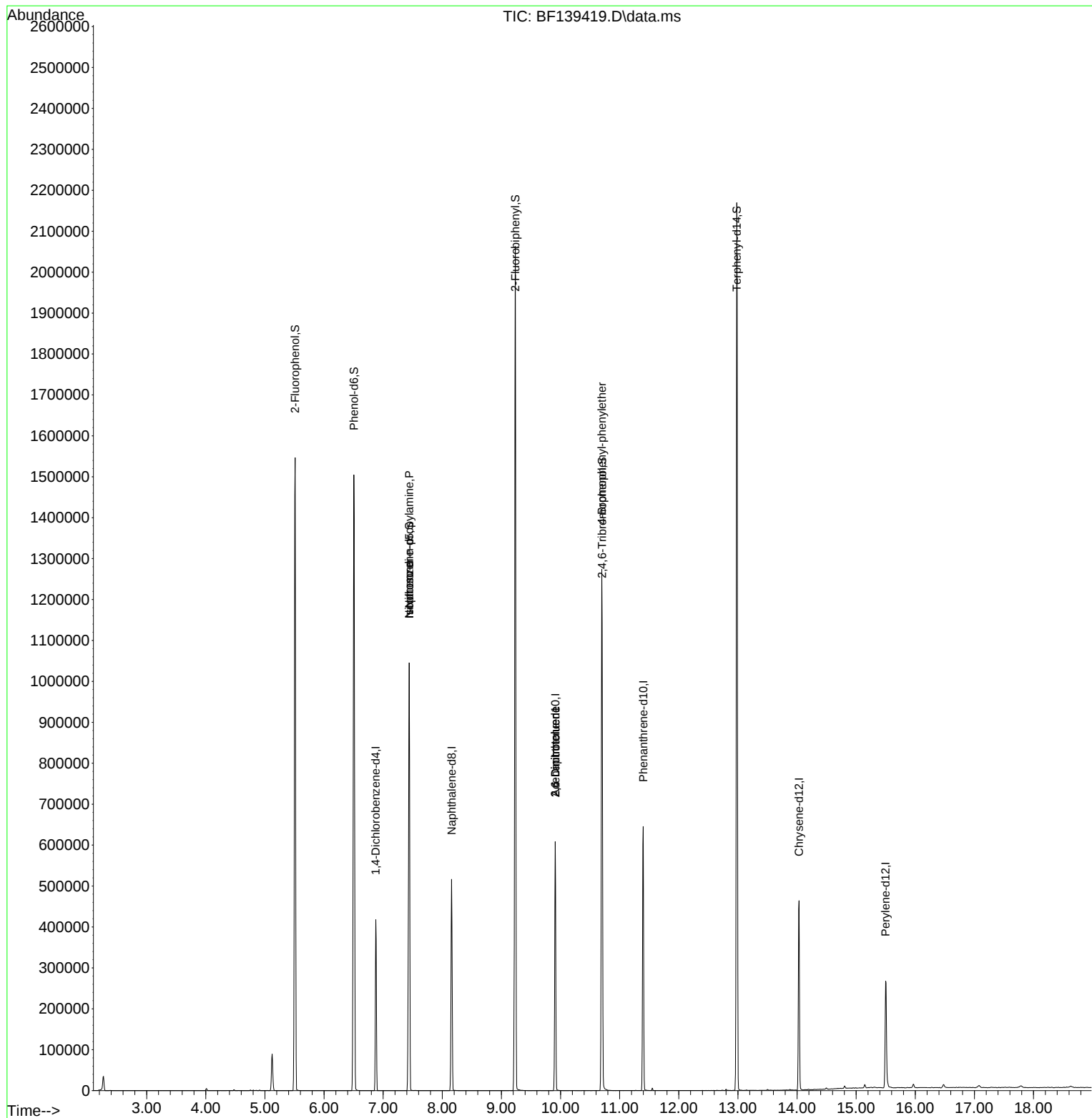
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79123	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308020	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	177714	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	338745	20.000	ng	0.00
76) Chrysene-d12	14.033	240	220600	20.000	ng	0.00
86) Perylene-d12	15.498	264	164755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	525882	108.426	ng	0.02
7) Phenol-d6	6.504	99	686186	107.786	ng	0.00
23) Nitrobenzene-d5	7.440	82	475284	72.540	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196949	104.097	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	897145	70.803	ng	0.00
79) Terphenyl-d14	12.980	244	1057520	78.686	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	67140	17.797	ng	# 75
25) Isophorone	7.440	82	473189	45.665	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21970	8.502	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21970	6.298	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13529	4.030	ng	# 1

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

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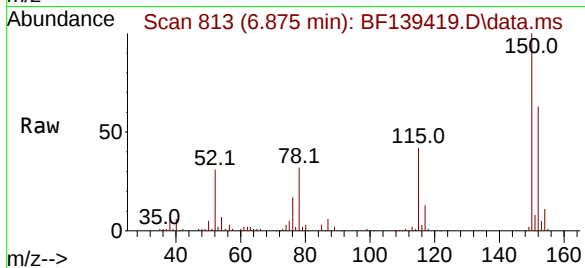
Quant Time: Sep 18 11:36:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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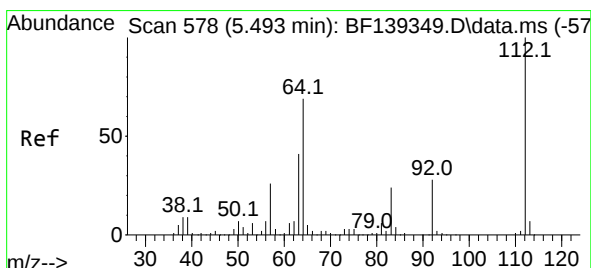
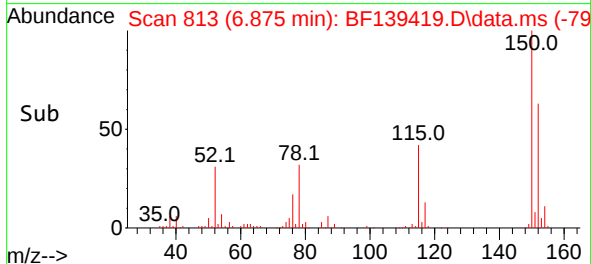
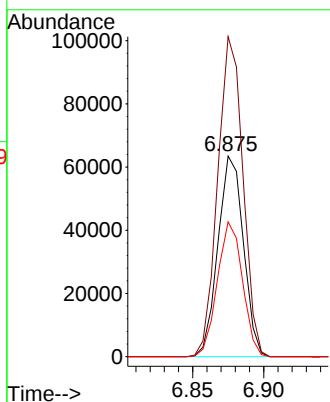


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB163323BL

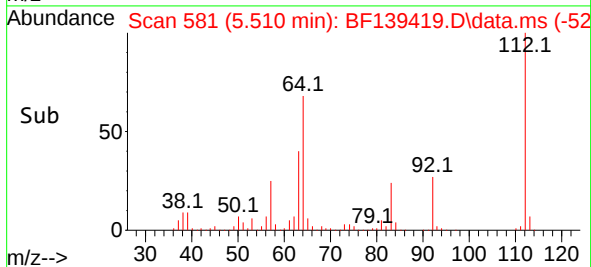
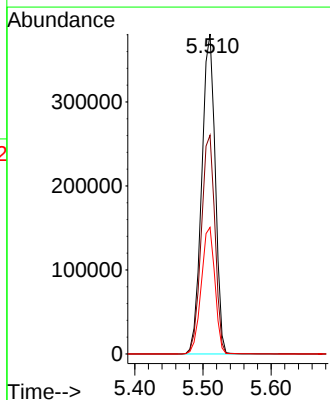
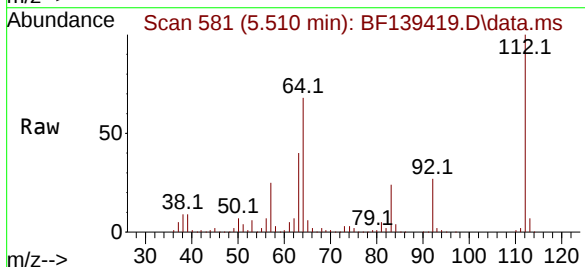


Tgt Ion:152 Resp: 79123
Ion Ratio Lower Upper
152 100
150 159.5 124.1 186.1
115 67.2 48.1 72.1



#5
2-Fluorophenol
Concen: 108.426 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

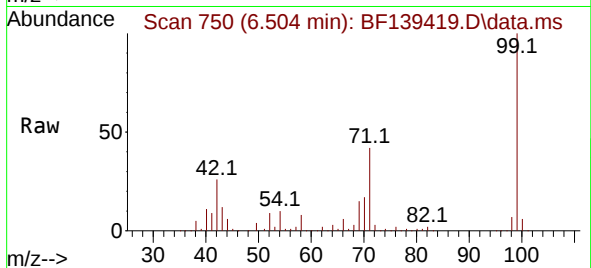
Tgt Ion:112 Resp: 525882
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 39.6 33.0 49.4



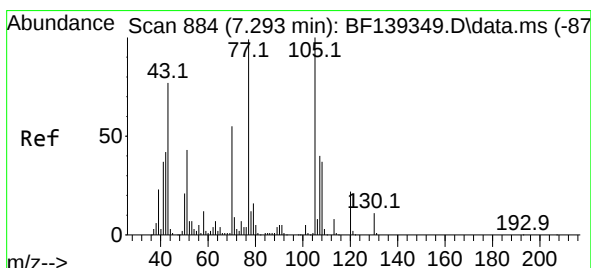
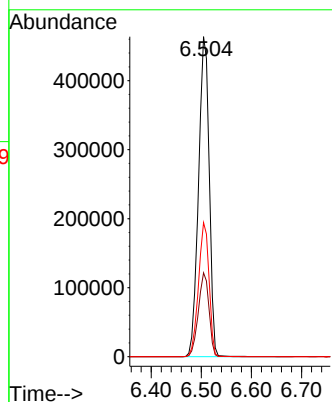
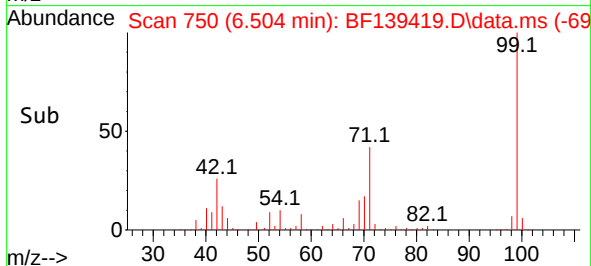


#7
Phenol-d6
Concen: 107.786 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

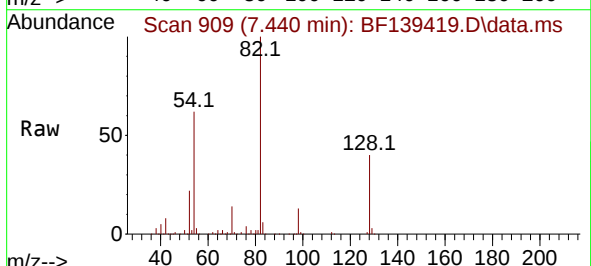
Instrument :
BNA_F
ClientSampleId :
PB163323BL



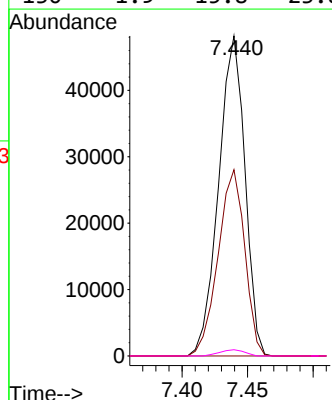
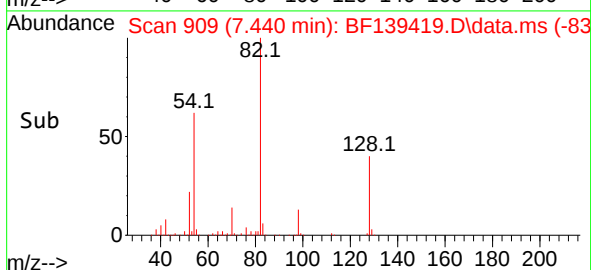
Tgt Ion: 99 Resp: 686186
Ion Ratio Lower Upper
99 100
42 26.2 21.9 32.9
71 41.9 34.6 52.0

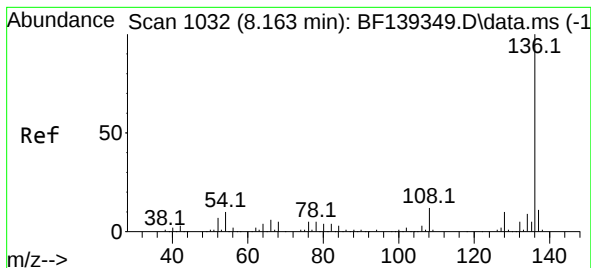


#19
n-Nitroso-di-n-propylamine
Concen: 17.797 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11



Tgt Ion: 70 Resp: 67140
Ion Ratio Lower Upper
70 100
42 58.2 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139419.D

Acq: 18 Sep 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB163323BL

Tgt Ion:136 Resp: 308020

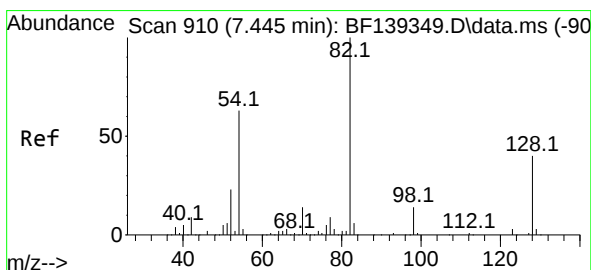
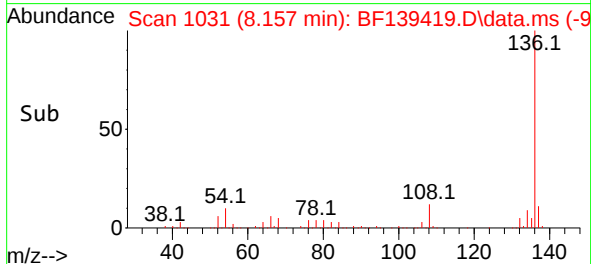
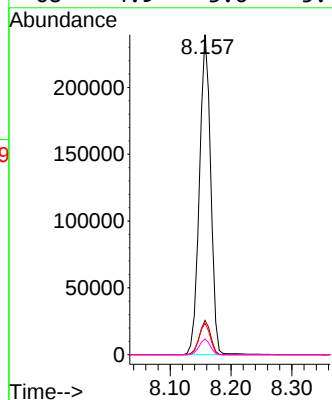
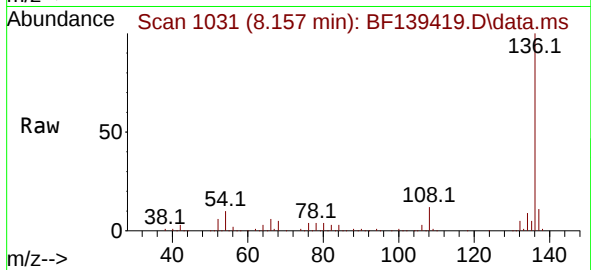
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.8 7.8 11.8

68 4.9 3.6 5.4



#23

Nitrobenzene-d5

Concen: 72.540 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139419.D

Acq: 18 Sep 2024 11:11

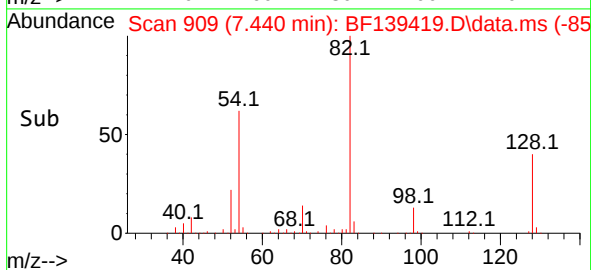
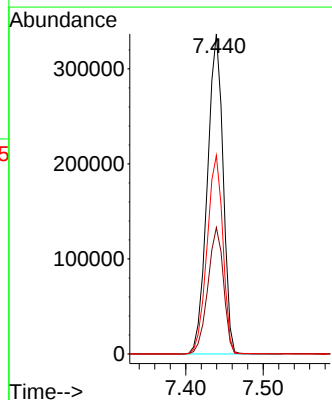
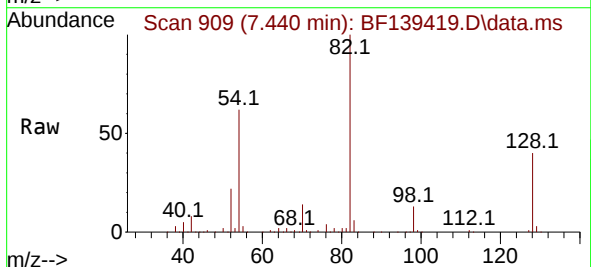
Tgt Ion: 82 Resp: 475284

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 62.0 50.6 75.8

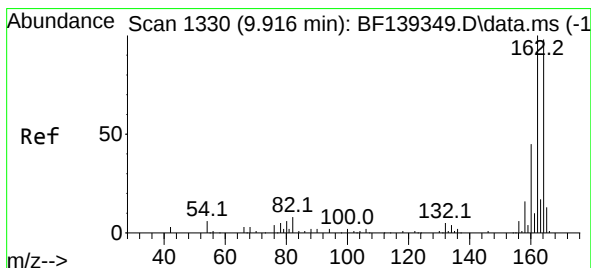
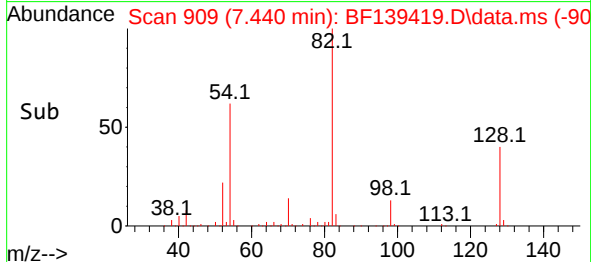
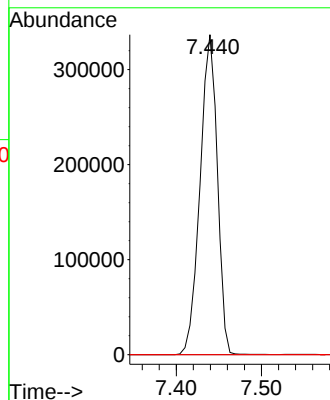
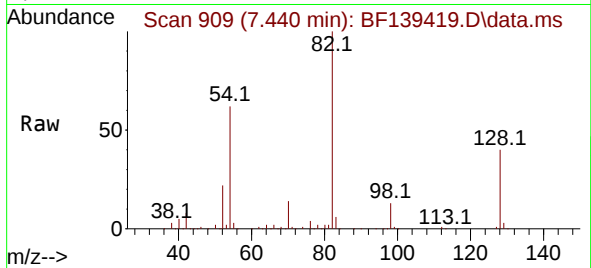




#25
Isophorone
Concen: 45.665 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

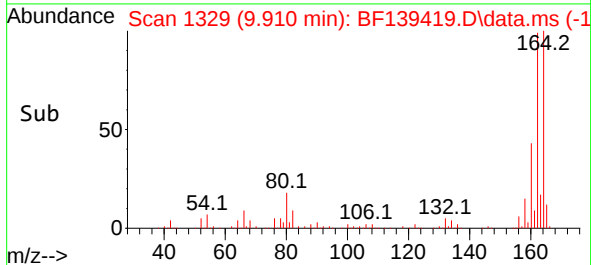
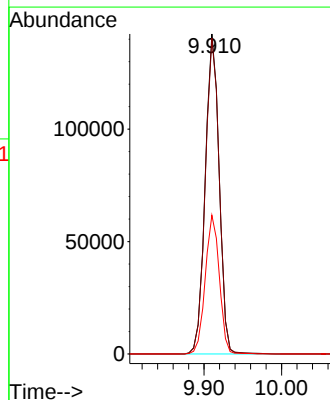
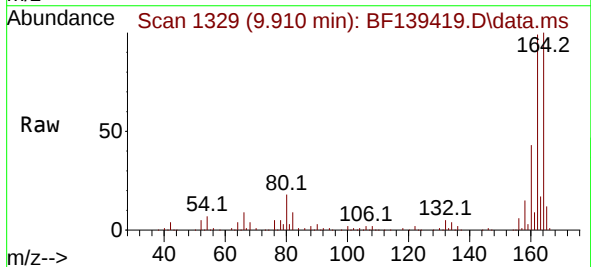
Instrument :
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ClientSampleId :
PB163323BL

Tgt Ion: 82 Resp: 473189
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Tgt Ion:164 Resp: 177714
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 43.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 104.097 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139419.D

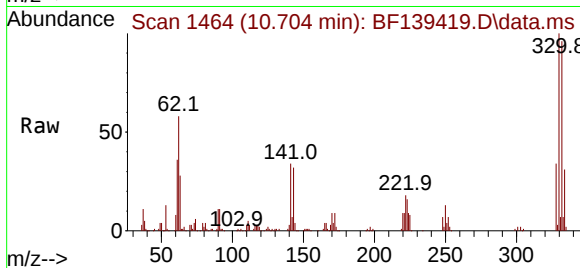
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Instrument :

BNA_F

ClientSampleId :

PB163323BL



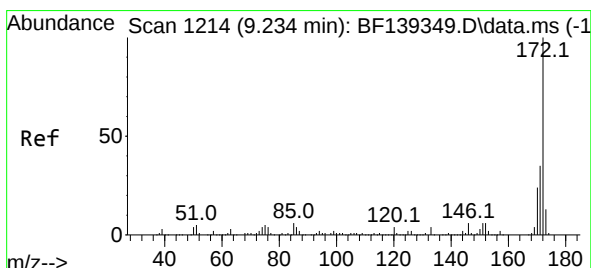
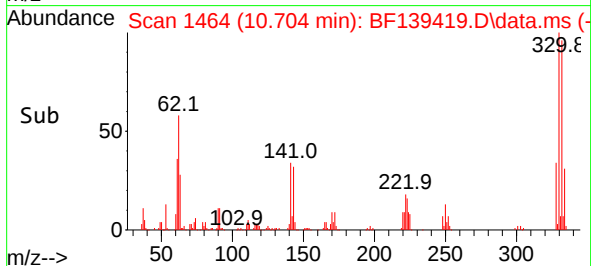
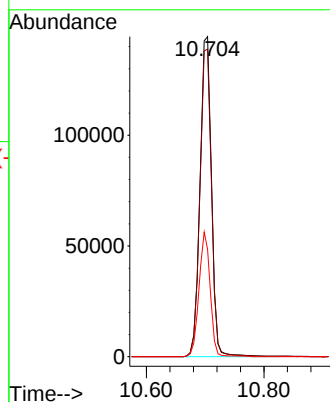
Tgt Ion:330 Resp: 196949

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 37.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.803 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139419.D

Acq: 18 Sep 2024 11:11

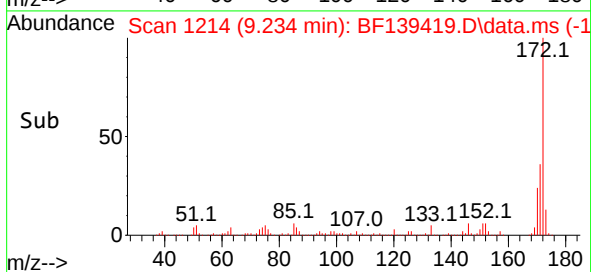
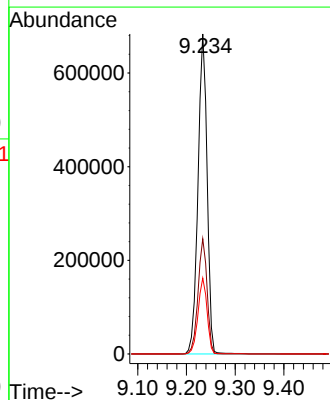
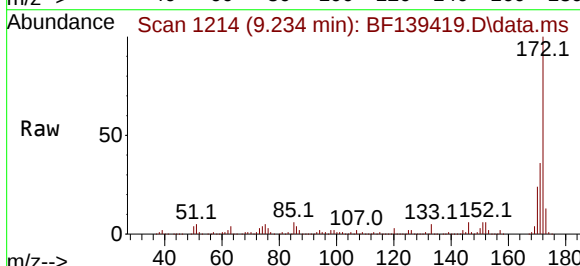
Tgt Ion:172 Resp: 897145

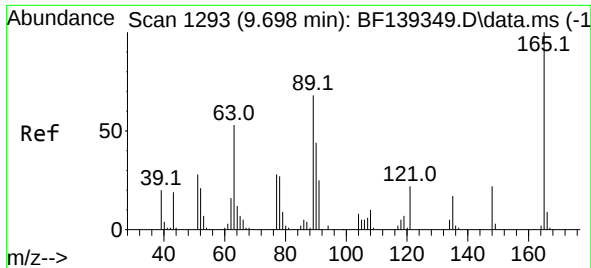
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.7 19.0 28.6

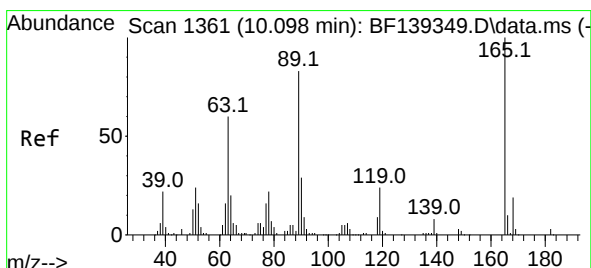
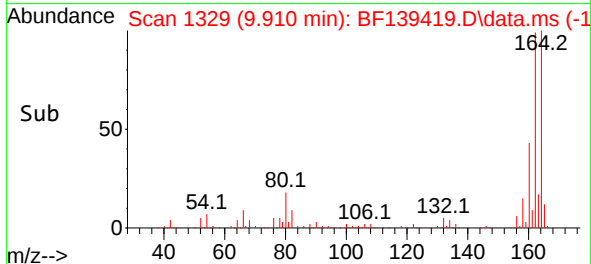
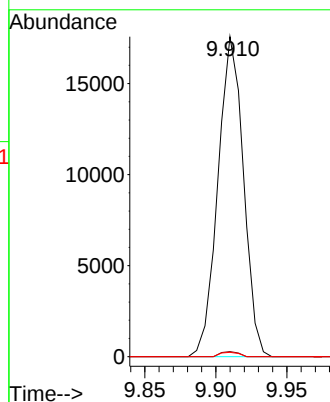
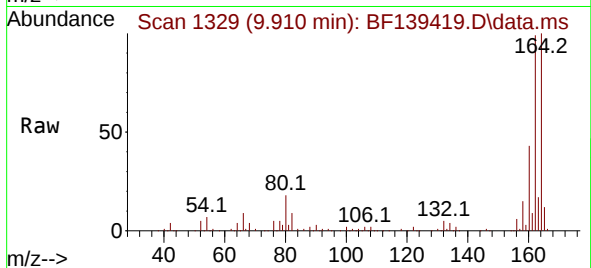




#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

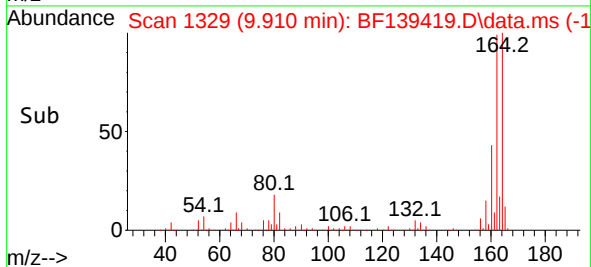
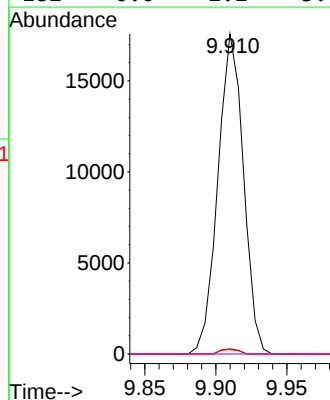
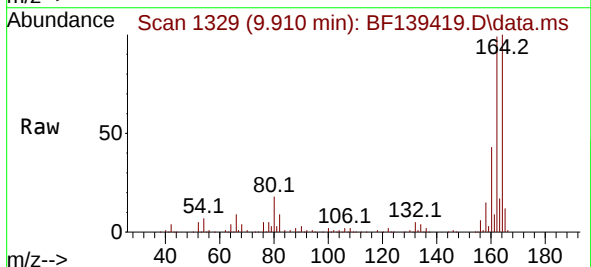
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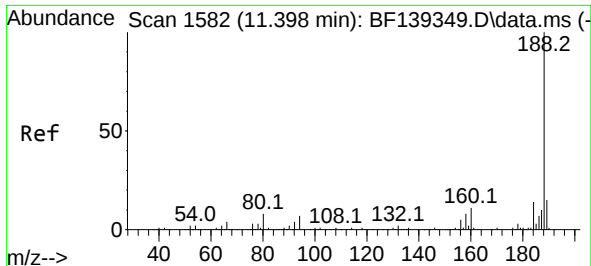
Tgt Ion:165 Resp: 21970
Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.298 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Tgt Ion:165 Resp: 21970
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

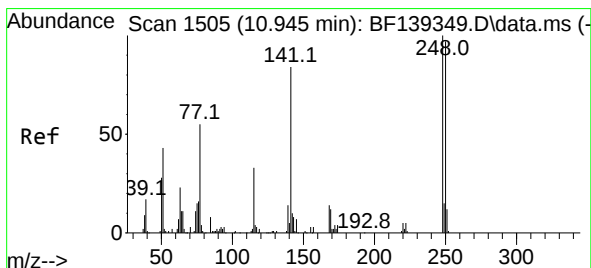
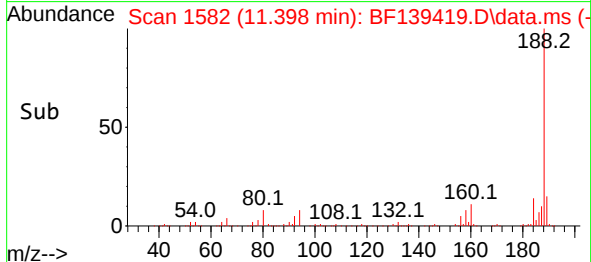
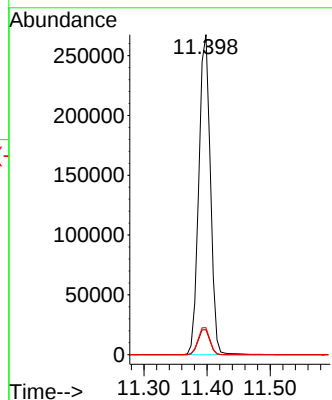
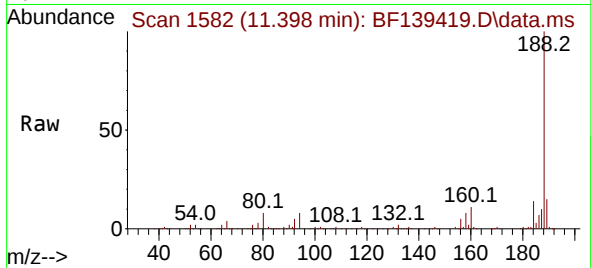




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

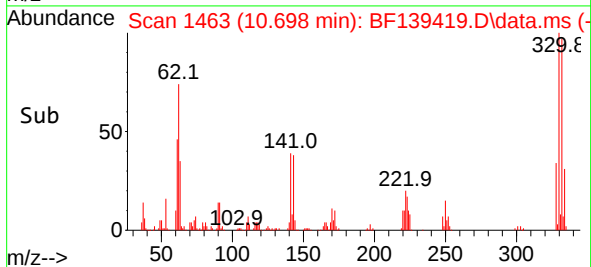
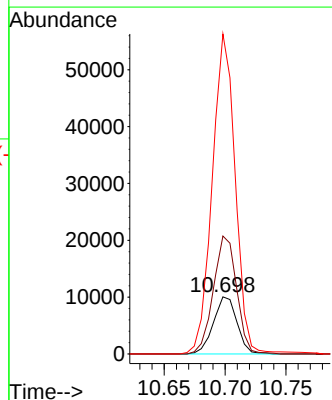
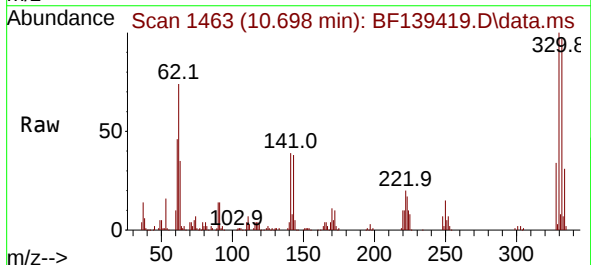
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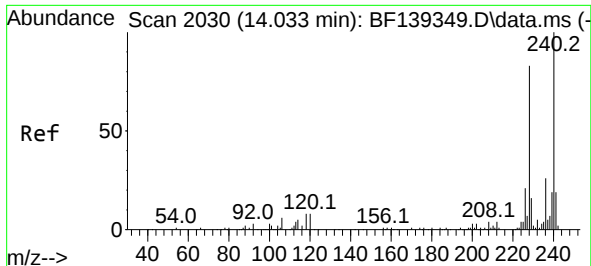
Tgt Ion:188 Resp: 338745
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 8.4 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.030 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

Tgt Ion:248 Resp: 13529
Ion Ratio Lower Upper
248 100
250 206.3 77.6 116.4#
141 560.1 66.9 100.3#

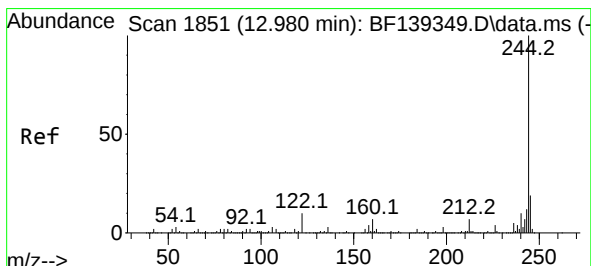
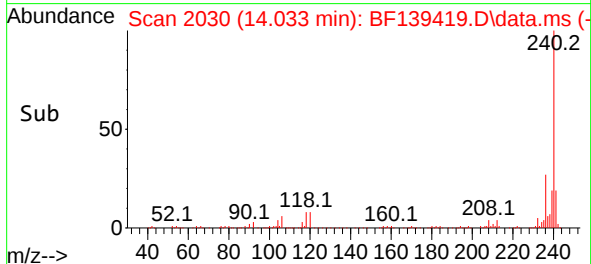
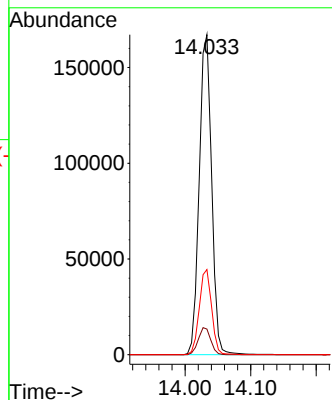
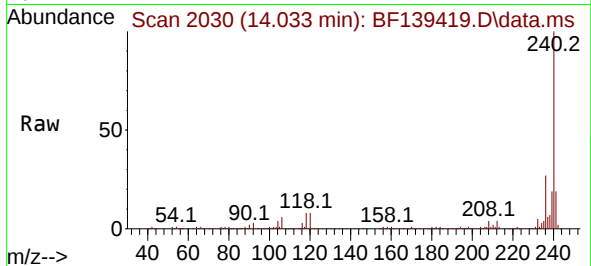




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

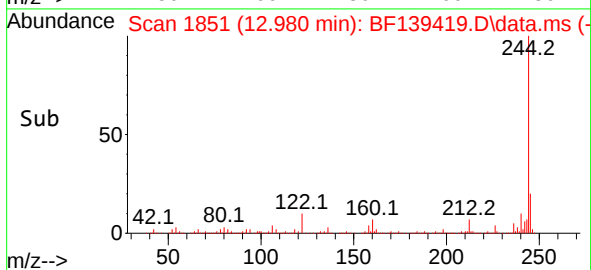
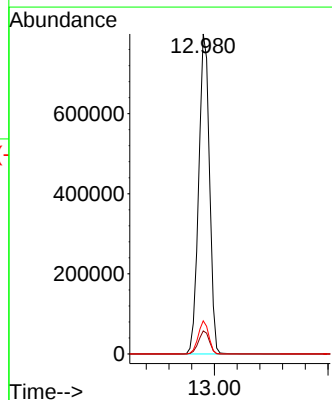
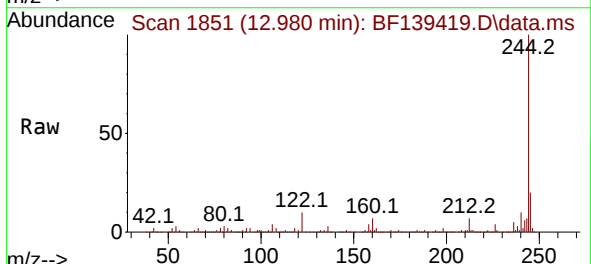
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BNA_F
ClientSampleId :
PB163323BL

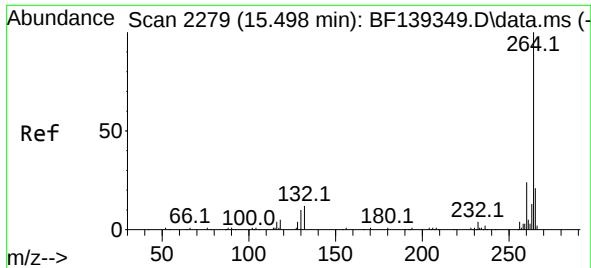
Tgt Ion:240 Resp: 220600
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.6 20.9 31.3



#79
Terphenyl-d14
Concen: 78.686 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139419.D
Acq: 18 Sep 2024 11:11

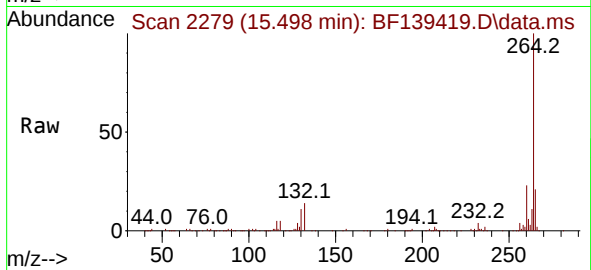
Tgt Ion:244 Resp: 1057520
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.4 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139419.D
 Acq: 18 Sep 2024 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB163323BL



Tgt Ion:264 Resp: 164755
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 16.6 25.0

