

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121421\  
 Data File : BN018014.D  
 Acq On : 14 Dec 2021 22:31  
 Operator : CG/JU  
 Sample : M4956-19DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP07-20211205DL

Quant Time: Dec 15 02:21:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 01:08:04 2021  
 Response via : Initial Calibration

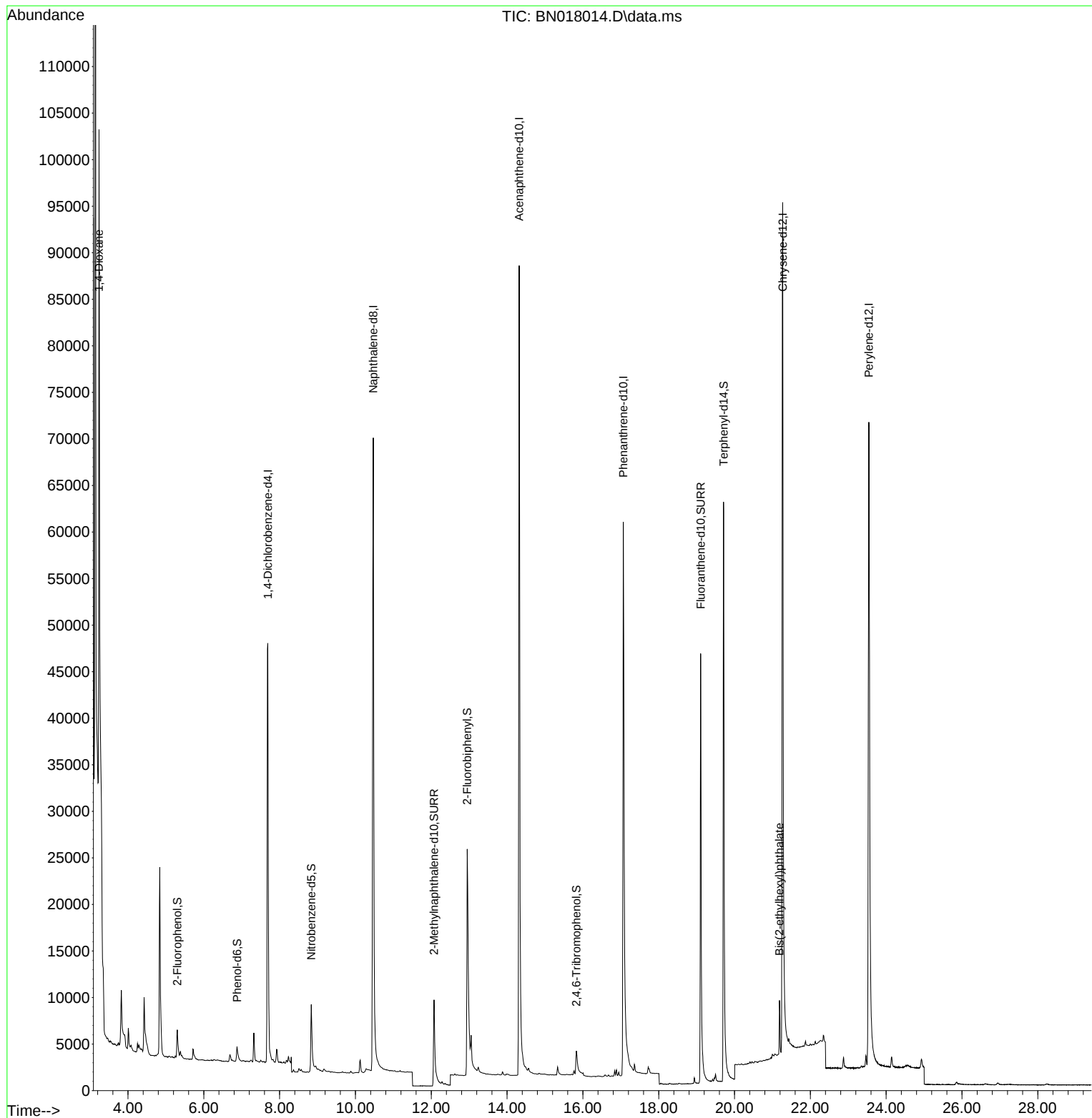
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.689  | 152  | 29383    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.470 | 136  | 115139   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.320 | 164  | 67128    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.066 | 188  | 132045   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.270 | 240  | 139490   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.543 | 264  | 128897   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.301  | 112  | 3778     | 0.059 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.877  | 99   | 1895     | 0.030 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.835  | 82   | 9293     | 0.114 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.074 | 152  | 22273    | 0.117 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.829 | 330  | 4011     | 0.283 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.949 | 172  | 35872    | 0.153 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.108 | 212  | 73549    | 0.167 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.713 | 244  | 93611    | 0.322 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.235  | 88   | 50171    | 2.740 | ng    | 56       |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 5886     | 0.029 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

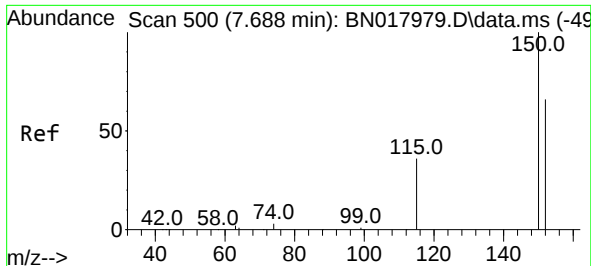
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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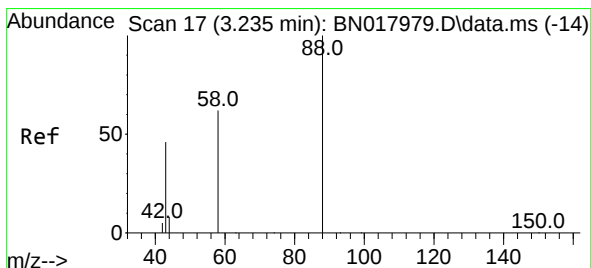
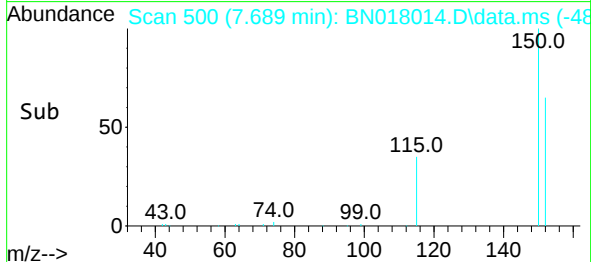
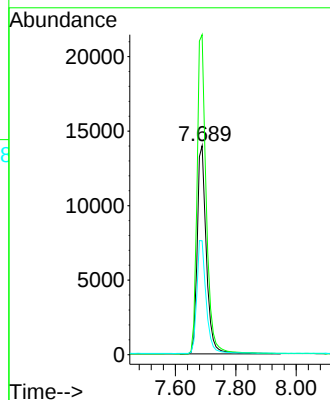
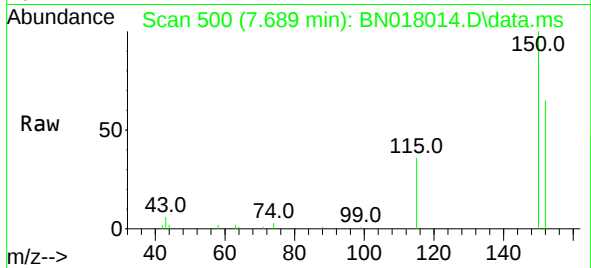




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.689 min Scan# 50  
 Delta R.T. 0.001 min  
 Lab File: BN018014.D  
 Acq: 14 Dec 2021 22:31

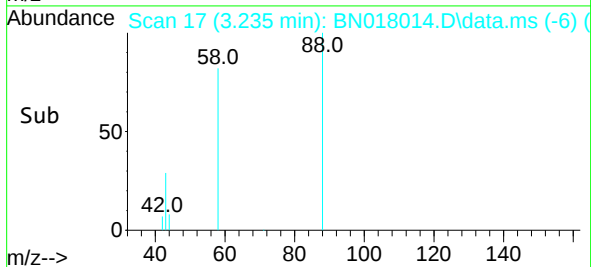
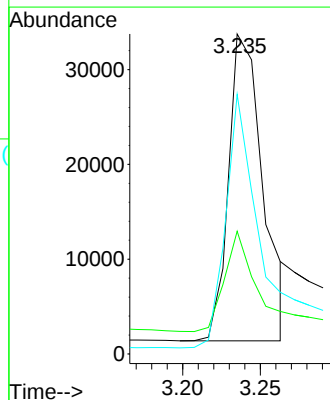
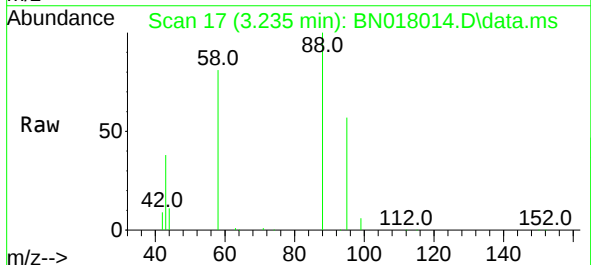
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 ClientSampleId :  
 DUP07-20211205DL

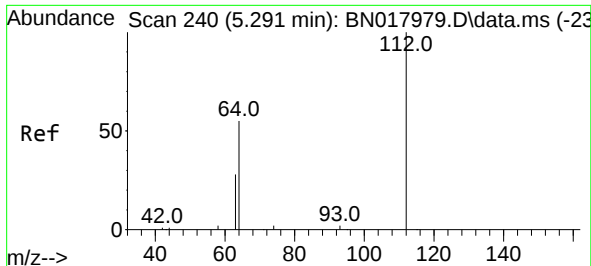
Tgt Ion:152 Resp: 29383  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 121.7 182.5  
 115 54.5 43.8 65.8



#2  
 1,4-Dioxane  
 Concen: 2.740 ng  
 RT: 3.235 min Scan# 17  
 Delta R.T. 0.000 min  
 Lab File: BN018014.D  
 Acq: 14 Dec 2021 22:31

Tgt Ion: 88 Resp: 50171  
 Ion Ratio Lower Upper  
 88 100  
 43 29.3 69.7 104.5#  
 58 75.0 83.8 125.8#

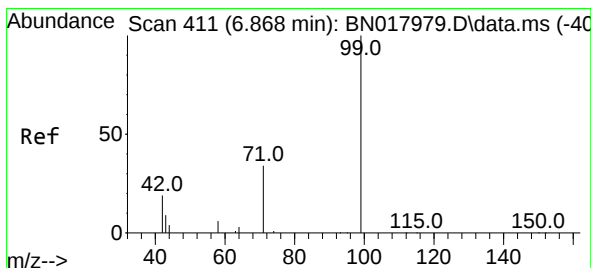
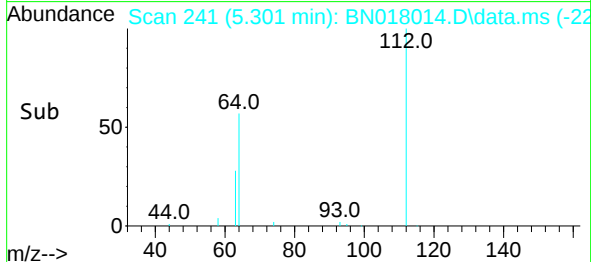
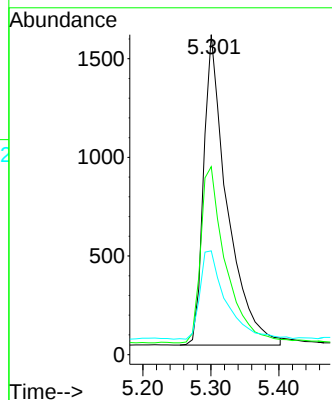
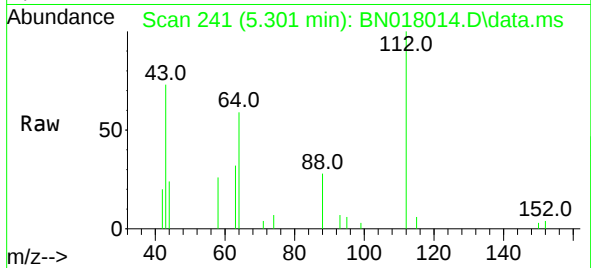




#4  
2-Fluorophenol  
Concen: 0.059 ng  
RT: 5.301 min Scan# 241  
Delta R.T. 0.010 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

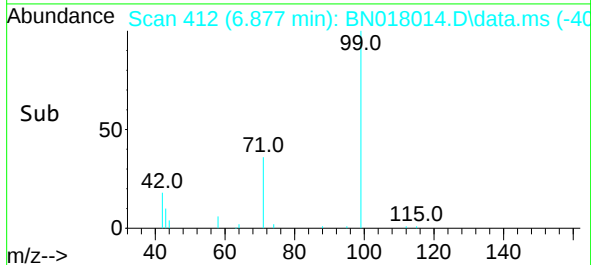
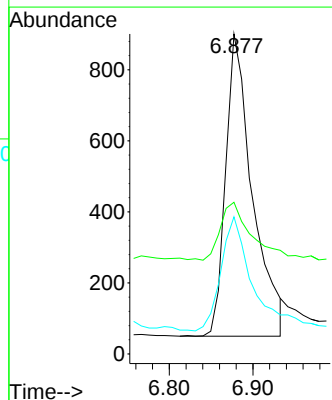
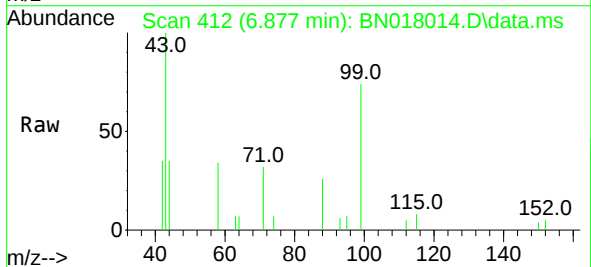
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BNA\_N  
ClientSampleId :  
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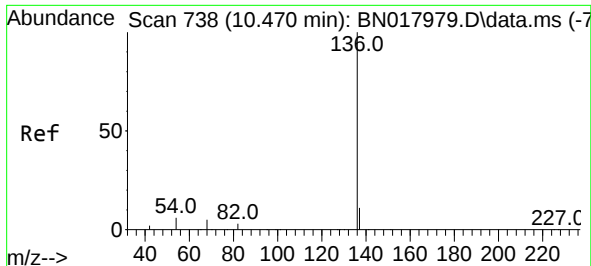
Tgt Ion:112 Resp: 3778  
Ion Ratio Lower Upper  
112 100  
64 60.0 48.0 72.0  
63 31.4 25.3 37.9



#5  
Phenol-d6  
Concen: 0.030 ng  
RT: 6.877 min Scan# 412  
Delta R.T. 0.010 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion: 99 Resp: 1895  
Ion Ratio Lower Upper  
99 100  
42 21.0 16.3 24.5  
71 41.9 26.8 40.2#

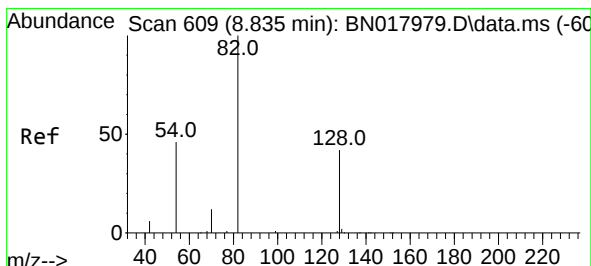
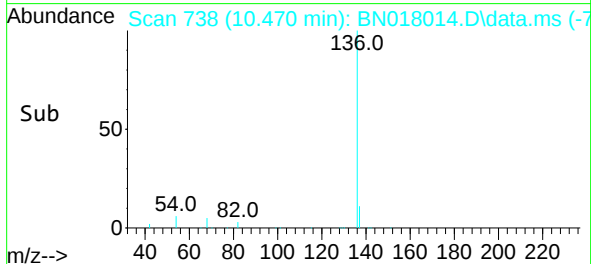
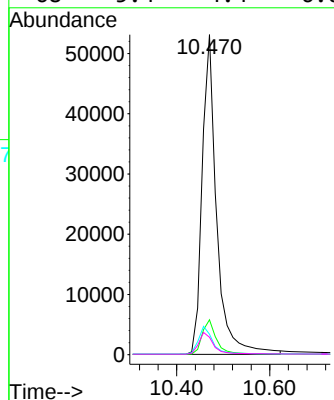
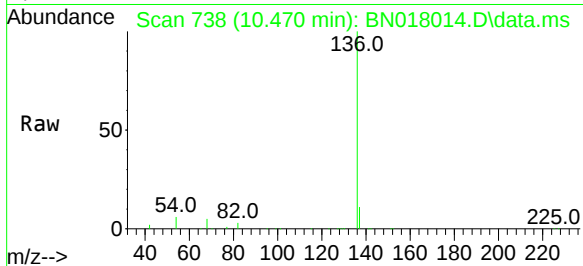




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.470 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

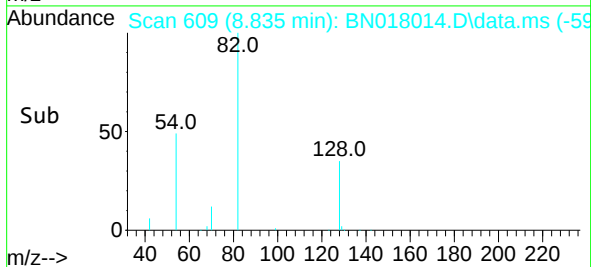
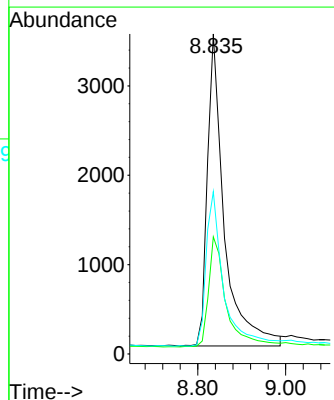
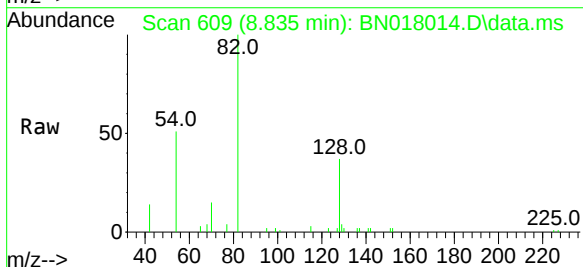
Instrument :  
BNA\_N  
ClientSampleId :  
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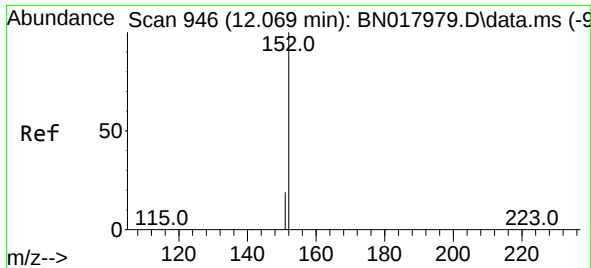
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 115139   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.8 13.2 |
| 54          | 6.4   | 5.0 7.6  |
| 68          | 5.4   | 4.4 6.6  |



#8  
Nitrobenzene-d5  
Concen: 0.114 ng  
RT: 8.835 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 9293      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 36.6  | 33.7 50.5 |
| 54          | 50.7  | 36.6 55.0 |

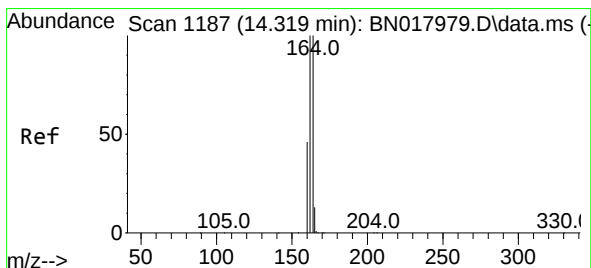
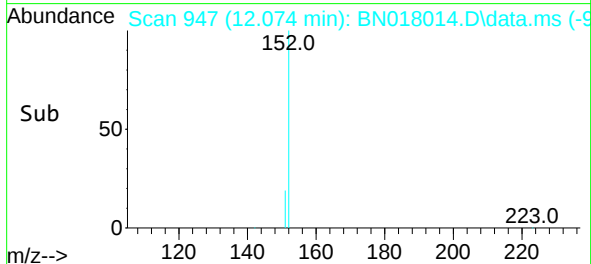
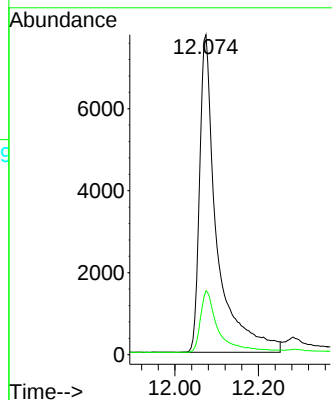
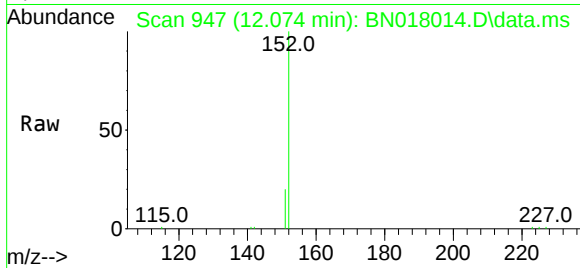




#11  
2-Methylnaphthalene-d10  
Concen: 0.117 ng  
RT: 12.074 min Scan# 946  
Delta R.T. 0.005 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

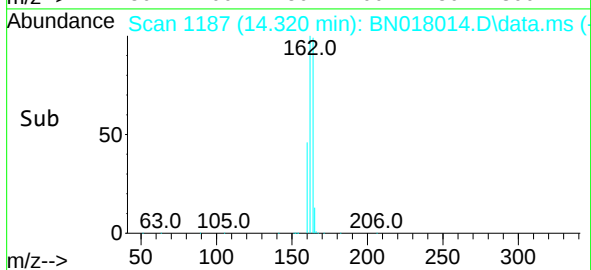
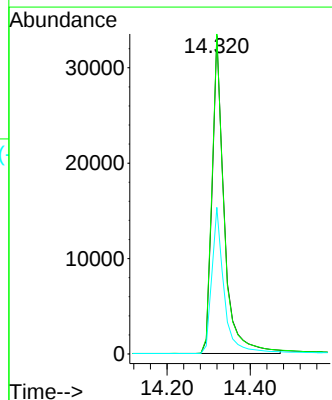
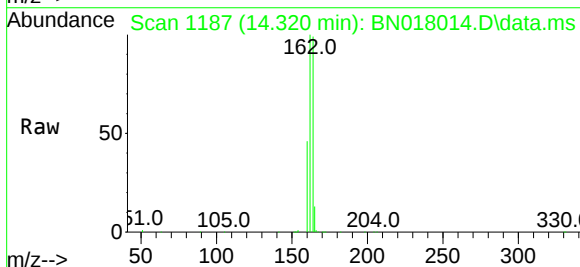
Instrument :  
BNA\_N  
ClientSampleId :  
DUP07-20211205DL

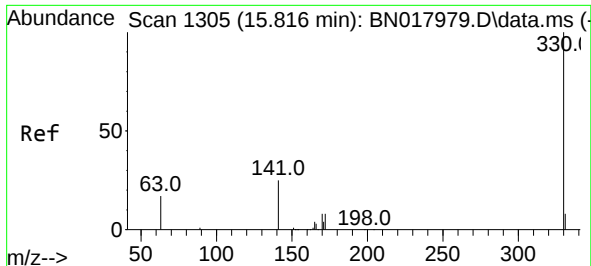
Tgt Ion:152 Resp: 22273  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.320 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion:164 Resp: 67128  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.2 120.2  
160 46.0 36.9 55.3

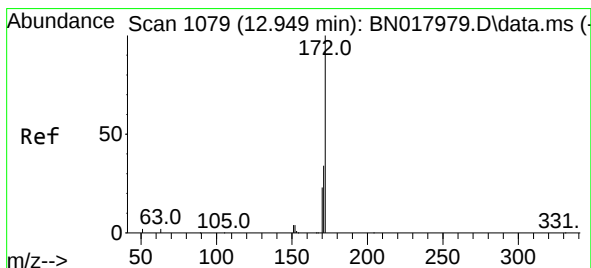
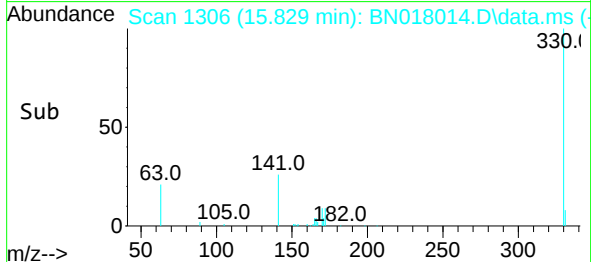
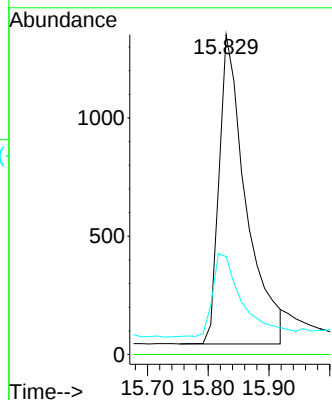
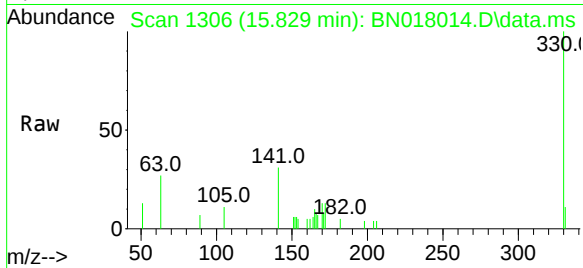




#14  
2,4,6-Tribromophenol  
Concen: 0.283 ng  
RT: 15.829 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

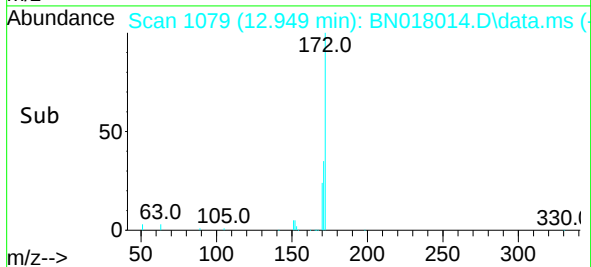
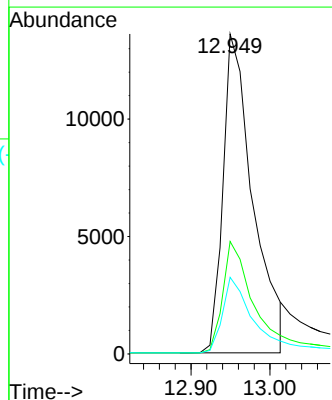
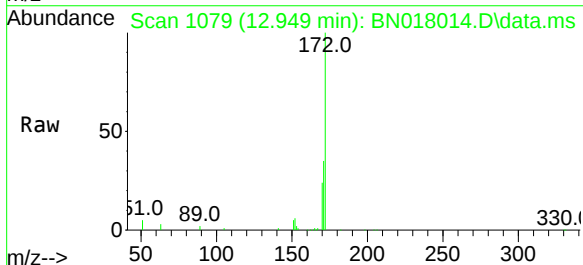
Instrument :  
BNA\_N  
ClientSampleId :  
DUP07-20211205DL

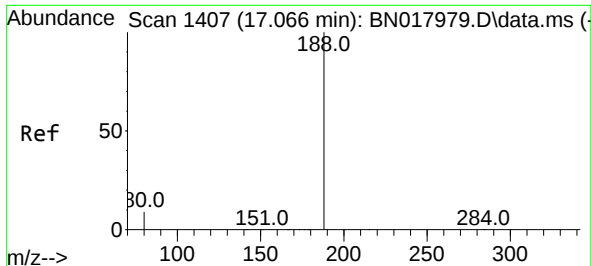
Tgt Ion:330 Resp: 4011  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.2 21.3 31.9



#15  
2-Fluorobiphenyl  
Concen: 0.153 ng  
RT: 12.949 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion:172 Resp: 35872  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.4 41.0  
170 24.0 18.4 27.6

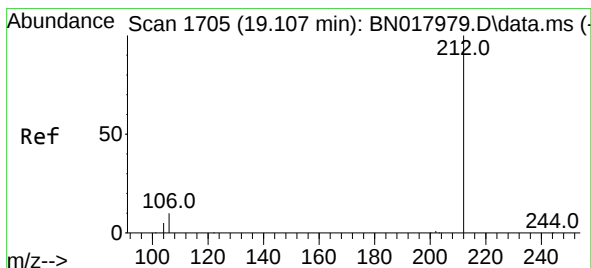
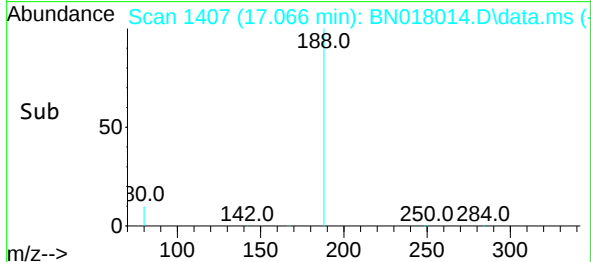
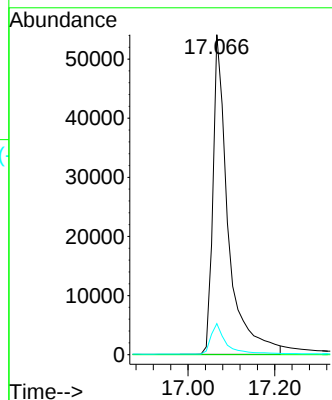
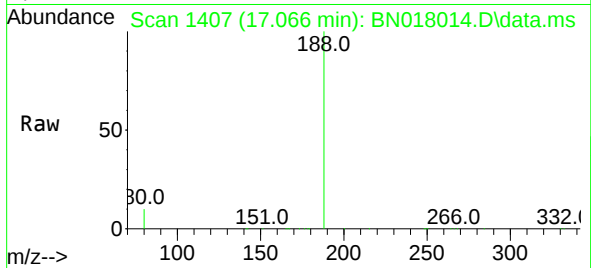




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.066 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

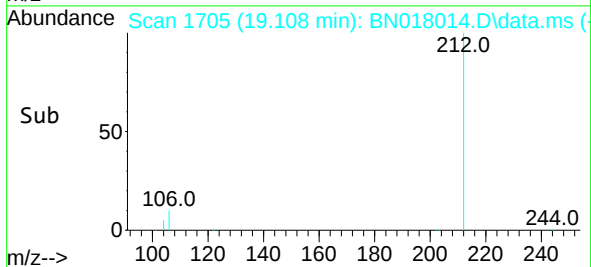
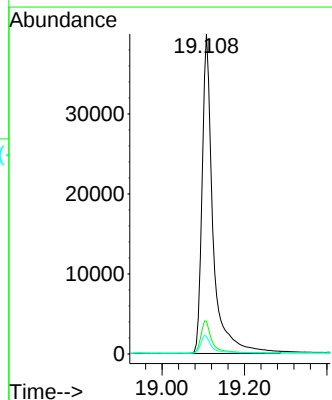
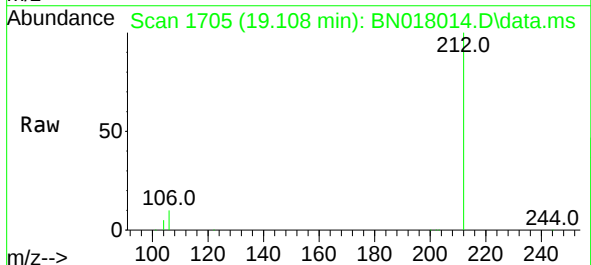
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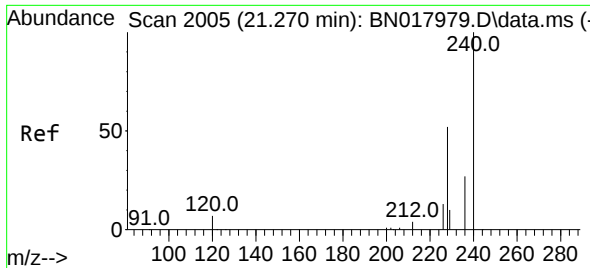
Tgt Ion:188 Resp: 132045  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.7 7.0 10.4



#27  
Fluoranthene-d10  
Concen: 0.167 ng  
RT: 19.108 min Scan# 1705  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion:212 Resp: 73549  
Ion Ratio Lower Upper  
212 100  
106 10.3 8.4 12.6  
104 5.6 4.5 6.7

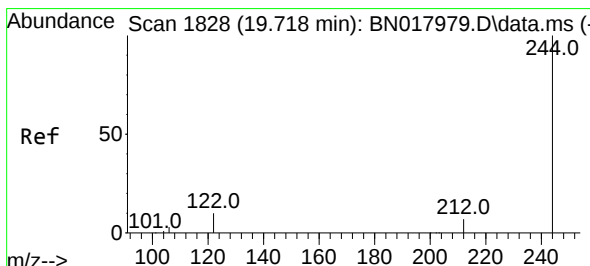
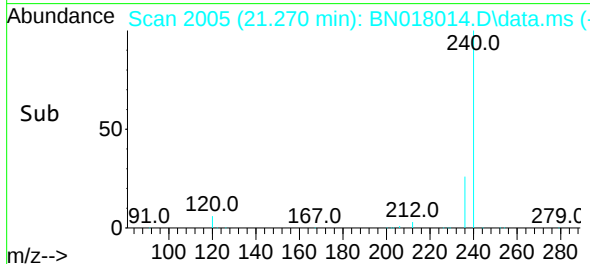
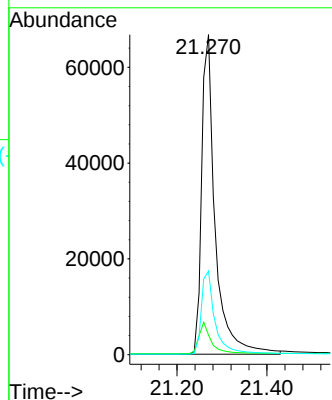
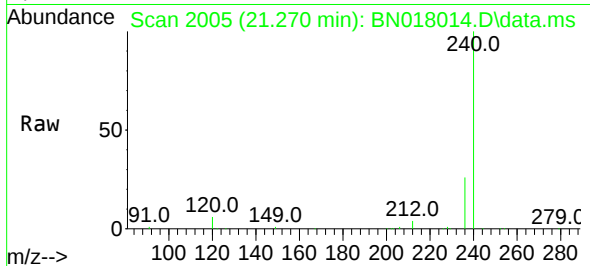




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.270 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

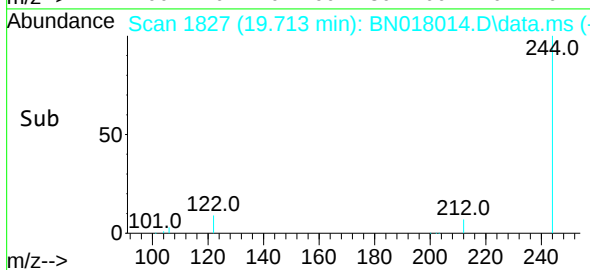
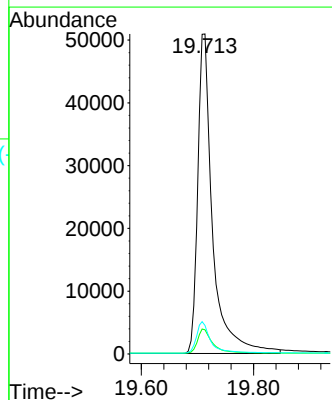
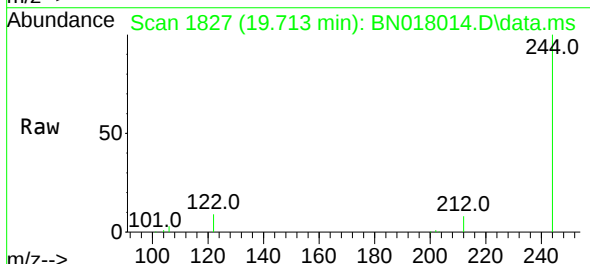
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BNA\_N  
ClientSampleId :  
DUP07-20211205DL

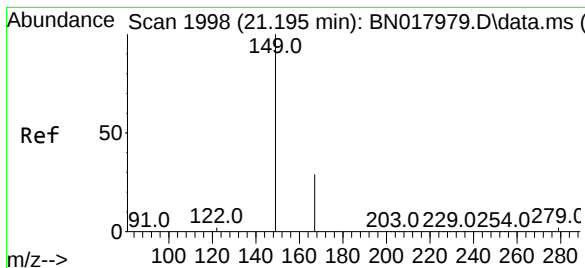
Tgt Ion:240 Resp: 139490  
Ion Ratio Lower Upper  
240 100  
120 6.2 6.0 9.0  
236 26.1 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.322 ng  
RT: 19.713 min Scan# 1827  
Delta R.T. -0.005 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion:244 Resp: 93611  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.2 9.2  
122 8.9 7.9 11.9

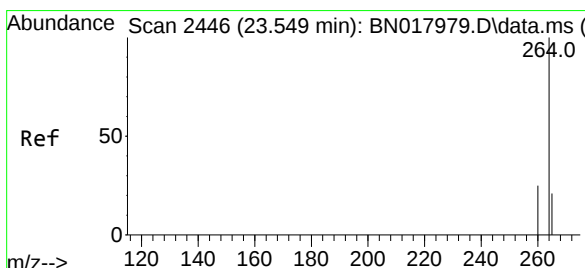
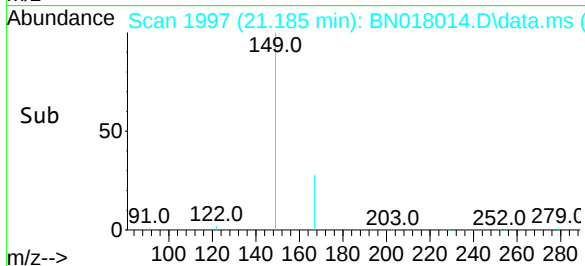
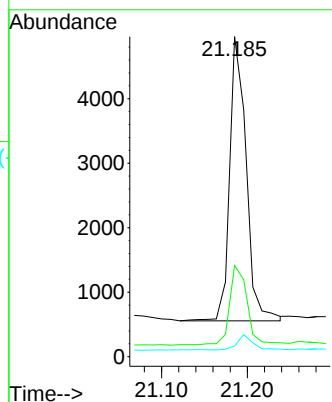
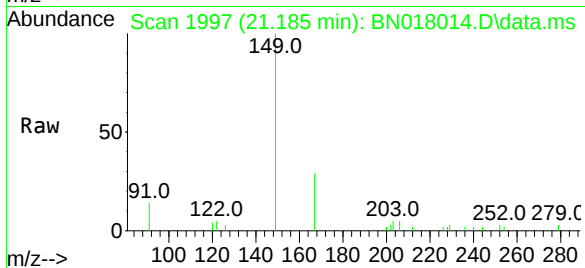




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.029 ng  
RT: 21.185 min Scan# 1998  
Delta R.T. -0.010 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Instrument :  
BNA\_N  
ClientSampleId :  
DUP07-20211205DL

Tgt Ion:149 Resp: 5886  
Ion Ratio Lower Upper  
149 100  
167 29.4 23.7 35.5  
279 5.1 3.6 5.4



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.543 min Scan# 2444  
Delta R.T. -0.006 min  
Lab File: BN018014.D  
Acq: 14 Dec 2021 22:31

Tgt Ion:264 Resp: 128897  
Ion Ratio Lower Upper  
264 100  
260 25.2 20.2 30.4  
265 23.6 18.2 27.2

