

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE020119\  
 Data File : BE098697.D  
 Acq On : 1 Feb 2019 18:46  
 Operator : JU/SJ  
 Sample : K1296-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW203I-20190130

Quant Time: Feb 02 04:08:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 24 14:44:44 2019  
 Response via : Initial Calibration

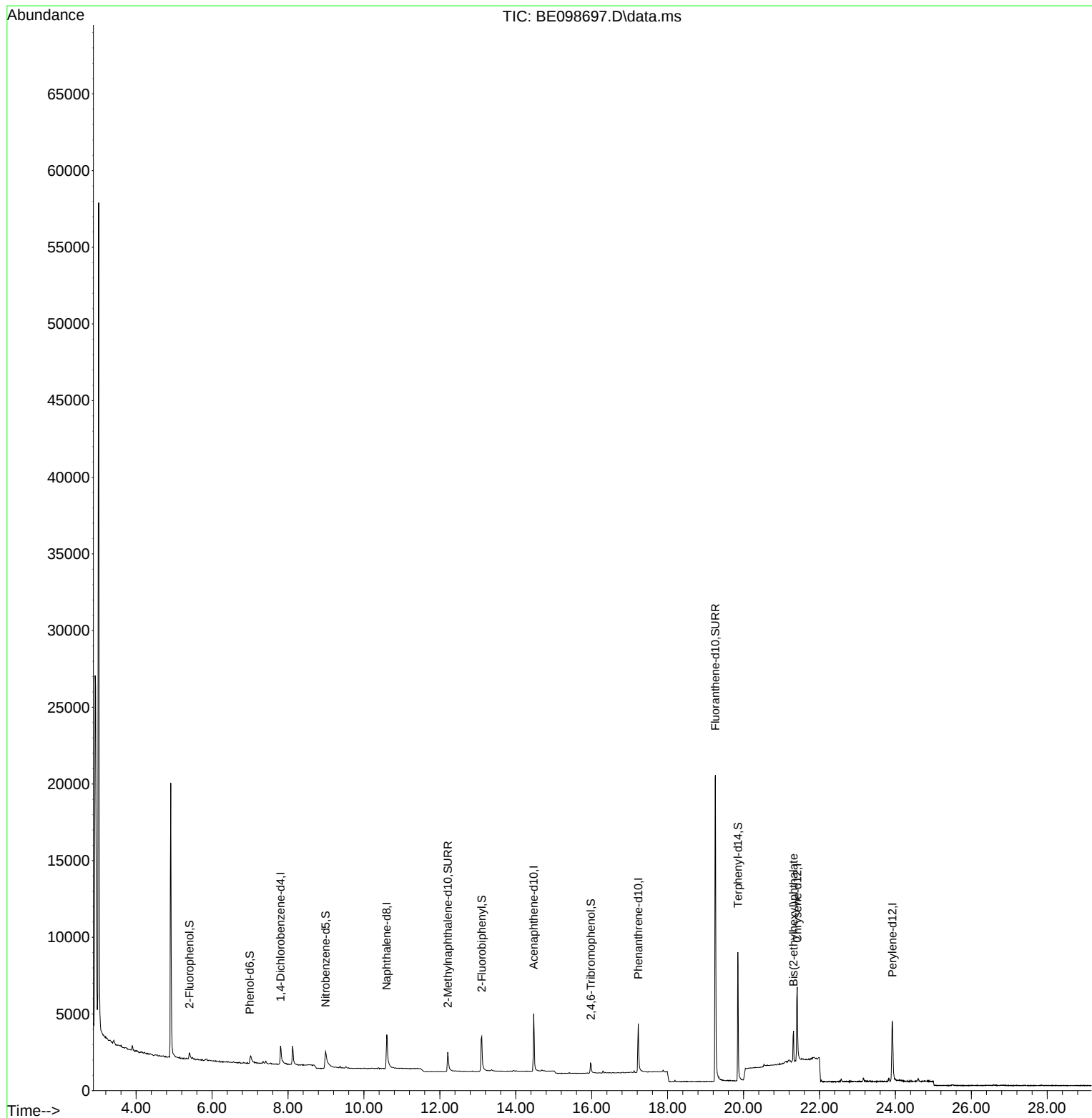
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)      |
|-------------------------------|--------|------|----------|------|-------|---------------|
| -----                         |        |      |          |      |       |               |
| Internal Standards            |        |      |          |      |       |               |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 835      | 0.40 | ng    | 0.00          |
| 7) Naphthalene-d8             | 10.602 | 136  | 3580     | 0.40 | ng    | # 0.00        |
| 13) Acenaphthene-d10          | 14.472 | 164  | 2527     | 0.40 | ng    | 0.00          |
| 19) Phenanthrene-d10          | 17.227 | 188  | 6090     | 0.40 | ng    | # 0.00        |
| 27) Chrysene-d12              | 21.415 | 240  | 6841     | 0.40 | ng    | 0.00          |
| 34) Perylene-d12              | 23.920 | 264  | 6612     | 0.40 | ng    | 0.00          |
| System Monitoring Compounds   |        |      |          |      |       |               |
| 4) 2-Fluorophenol             | 5.408  | 112  | 354      | 0.14 | ng    | 0.00          |
| 5) Phenol-d6                  | 6.998  | 99   | 320      | 0.09 | ng    | 0.00          |
| 8) Nitrobenzene-d5            | 8.991  | 82   | 1087     | 0.33 | ng    | 0.01          |
| 11) 2-Methylnaphthalene-d10   | 12.210 | 152  | 2544     | 0.37 | ng    | 0.00          |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 533      | 0.48 | ng    | 0.00          |
| 15) 2-Fluorobiphenyl          | 13.104 | 172  | 3616     | 0.33 | ng    | 0.00          |
| 25) Fluoranthene-d10          | 19.259 | 212  | 32153    | 0.37 | ng    | 0.00          |
| 29) Terphenyl-d14             | 19.851 | 244  | 8351     | 0.49 | ng    | 0.00          |
| Target Compounds              |        |      |          |      |       |               |
| 32) Bis(2-ethylhexyl)phtha... | 21.318 | 149  | 2835     | 0.07 | ng    | Qvalue<br>100 |
| -----                         |        |      |          |      |       |               |

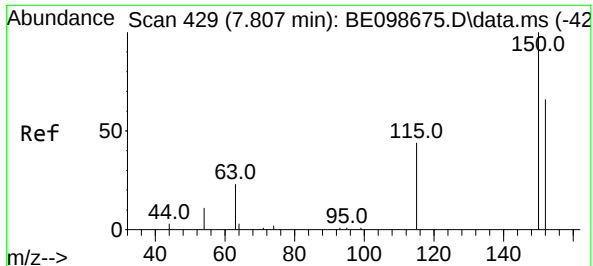
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE020119\  
Data File : BE098697.D  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

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BP-TT-MW203I-20190130

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 24 14:44:44 2019  
Response via : Initial Calibration

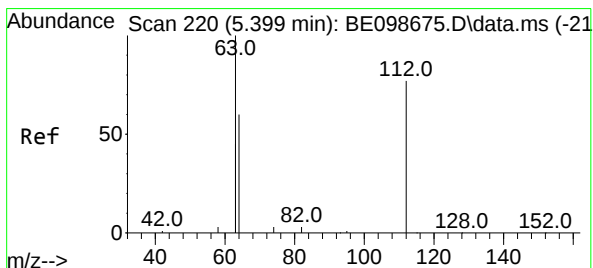
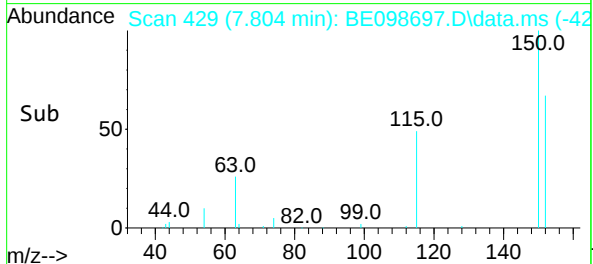
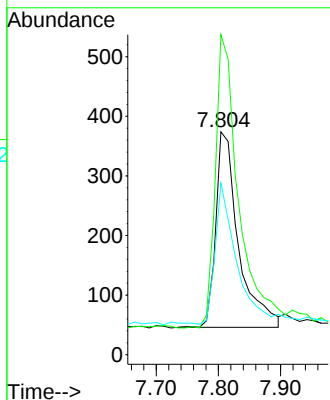
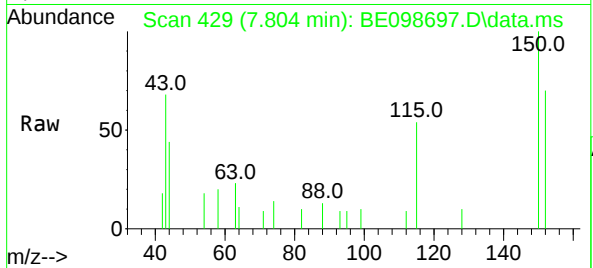




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.804 min Scan# 429  
 Delta R.T. -0.003 min  
 Lab File: BE098697.D  
 Acq: 1 Feb 2019 18:46

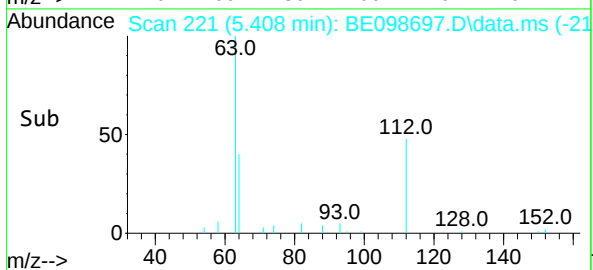
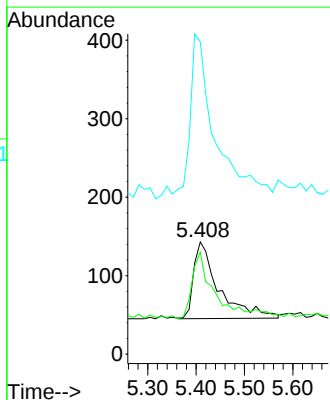
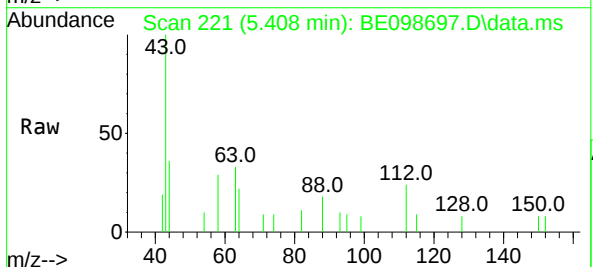
Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-TT-MW203I-20190130

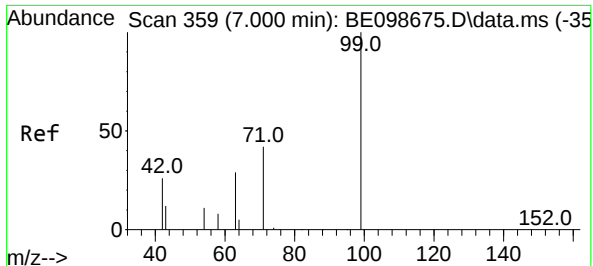
Tgt Ion:152 Resp: 835  
 Ion Ratio Lower Upper  
 152 100  
 150 143.6 121.4 182.2  
 115 77.0 59.1 88.7



#4  
 2-Fluorophenol  
 Concen: 0.14 ng  
 RT: 5.408 min Scan# 221  
 Delta R.T. 0.009 min  
 Lab File: BE098697.D  
 Acq: 1 Feb 2019 18:46

Tgt Ion:112 Resp: 354  
 Ion Ratio Lower Upper  
 112 100  
 64 74.0 62.9 94.3  
 63 200.3 152.2 228.4

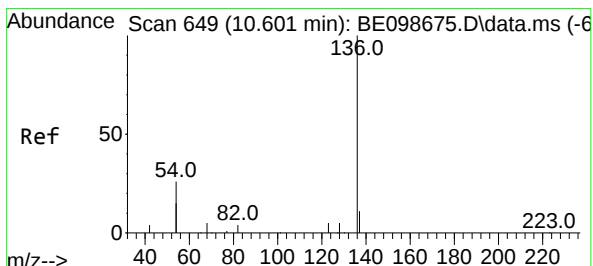
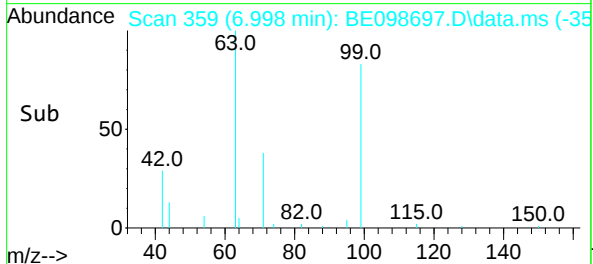
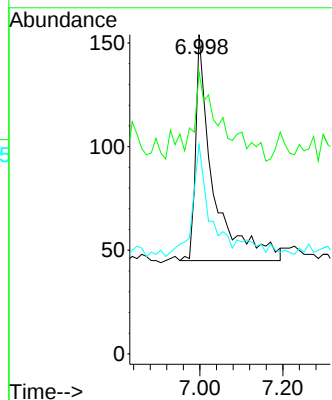
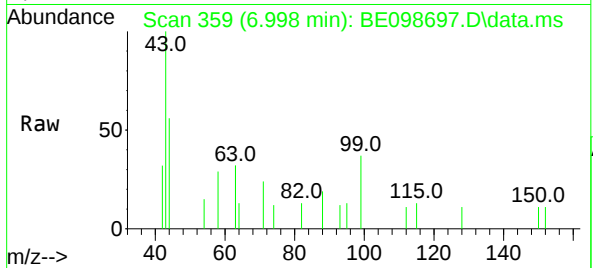




#5  
Phenol-d6  
Concen: 0.09 ng  
RT: 6.998 min Scan# 359  
Delta R.T. -0.002 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

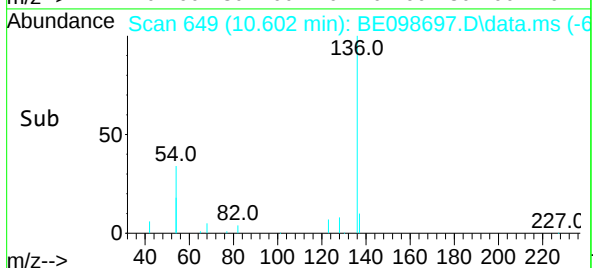
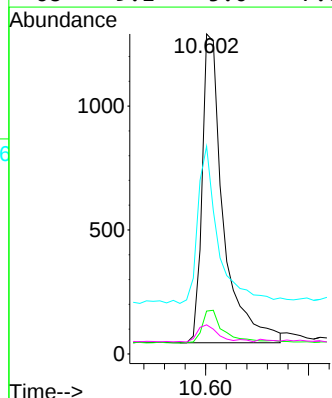
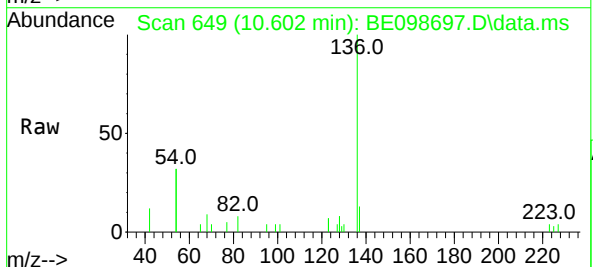
Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW203I-20190130

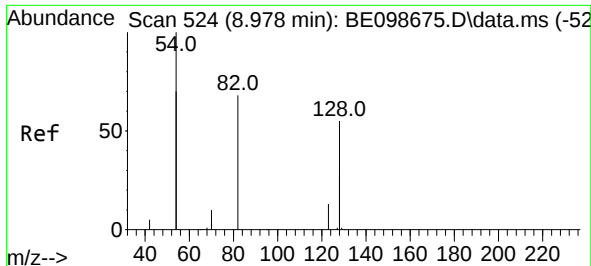
Tgt Ion: 99 Resp: 320  
Ion Ratio Lower Upper  
99 100  
42 36.3 24.6 37.0  
71 47.5 35.1 52.7



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.602 min Scan# 649  
Delta R.T. 0.001 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

Tgt Ion:136 Resp: 3580  
Ion Ratio Lower Upper  
136 100  
137 13.4 9.7 14.5  
54 64.9 35.5 53.3#  
68 9.1 5.0 7.6#

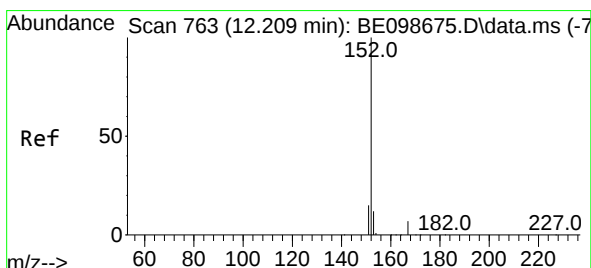
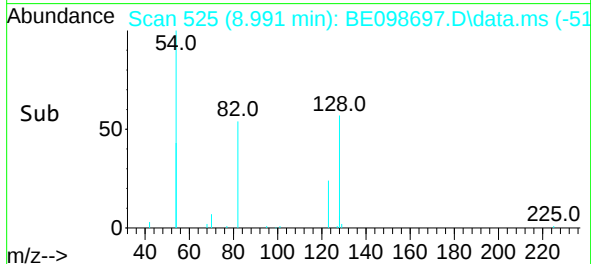
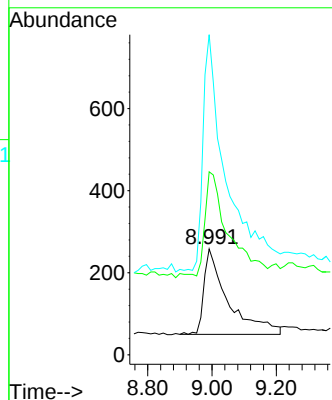
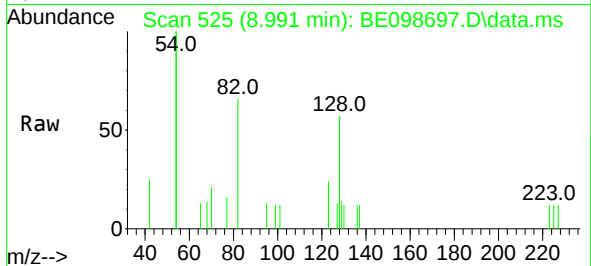




#8  
Nitrobenzene-d5  
Concen: 0.33 ng  
RT: 8.991 min Scan# 525  
Delta R.T. 0.013 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

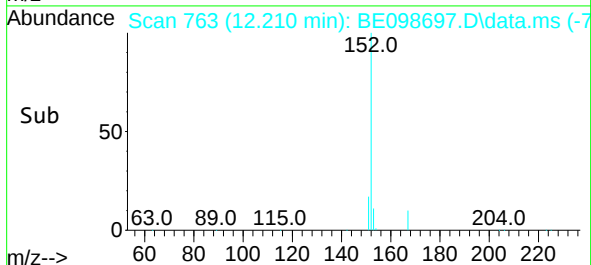
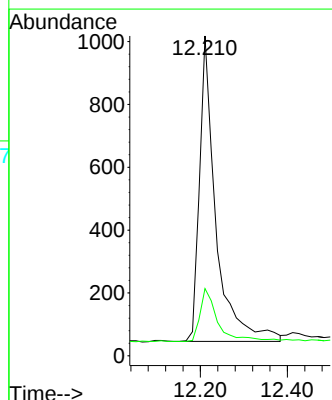
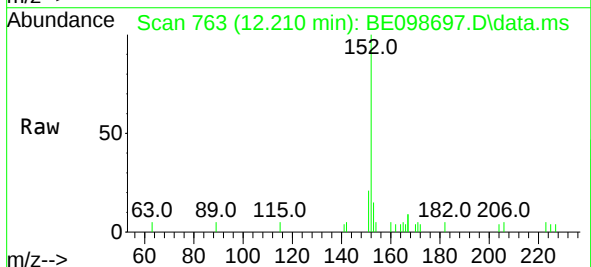
Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW203I-20190130

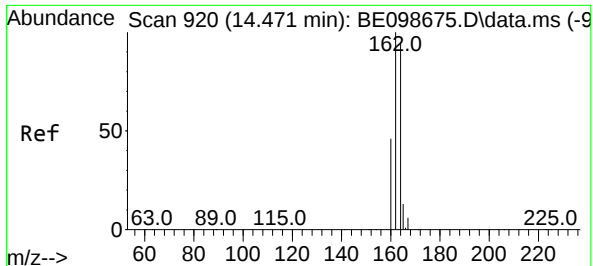
Tgt Ion: 82 Resp: 1087  
Ion Ratio Lower Upper  
82 100  
128 172.9 96.5 144.7#  
54 302.3 224.7 337.1



#11  
2-Methylnaphthalene-d10  
Concen: 0.37 ng  
RT: 12.210 min Scan# 763  
Delta R.T. 0.001 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

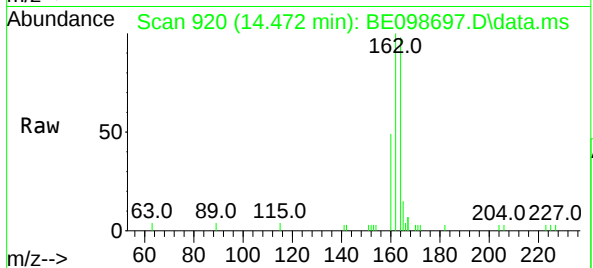
Tgt Ion: 152 Resp: 2544  
Ion Ratio Lower Upper  
152 100  
151 19.1 16.2 24.4



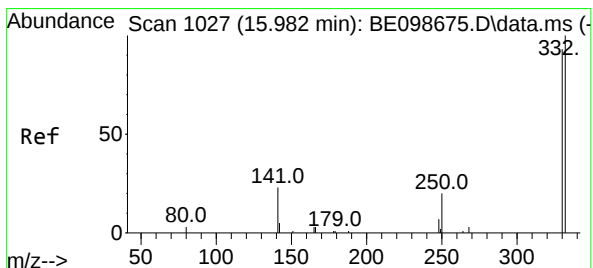
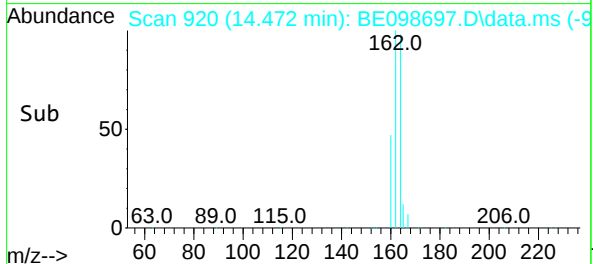
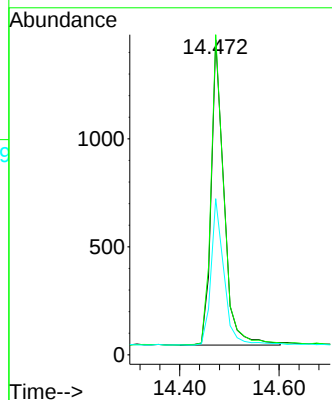


#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.472 min Scan# 920  
Delta R.T. 0.001 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW203I-20190130

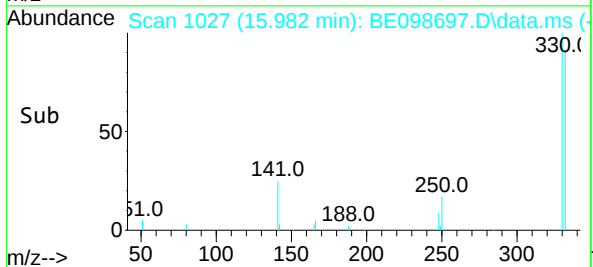
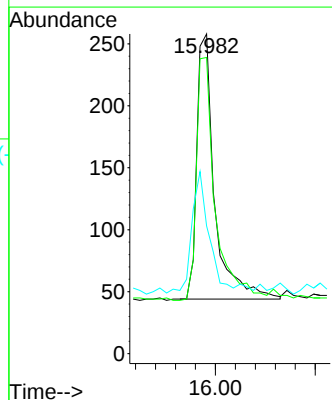
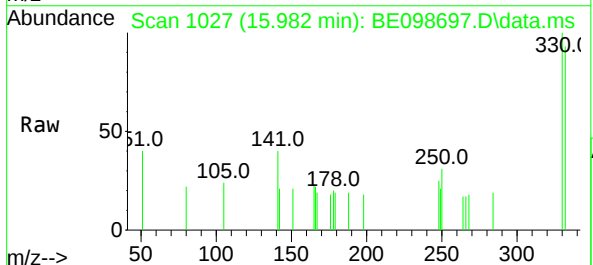


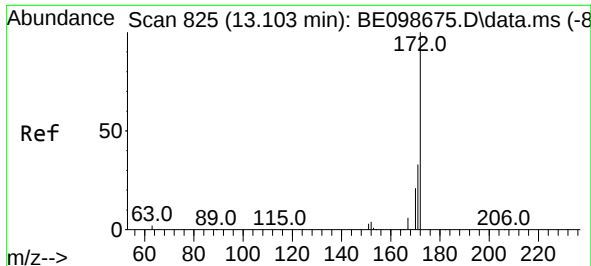
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 2527  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 101.6 | 80.5  | 120.7 |
| 160      | 49.6  | 40.1  | 60.1  |



#14  
2,4,6-Tribromophenol  
Concen: 0.48 ng  
RT: 15.982 min Scan# 1027  
Delta R.T. 0.000 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 533   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 96.6  | 73.3  | 109.9 |
| 141      | 41.5  | 33.1  | 49.7  |

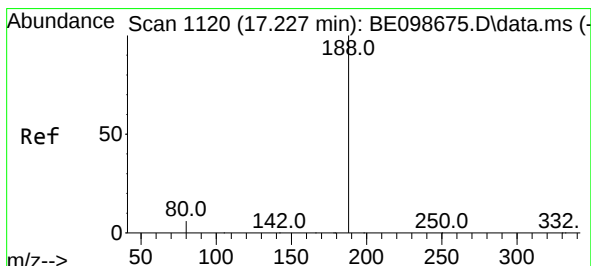
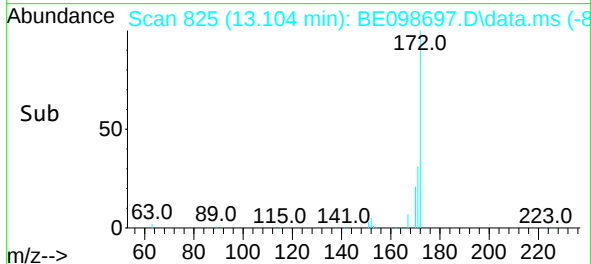
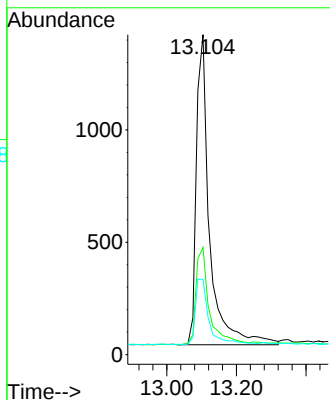
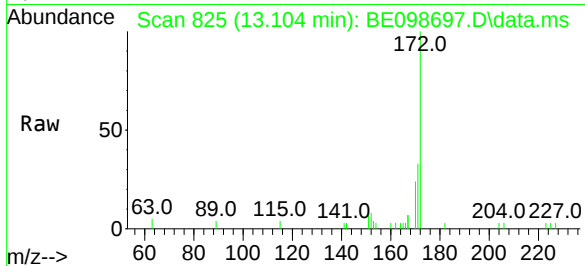




#15  
2-Fluorobiphenyl  
Concen: 0.33 ng  
RT: 13.104 min Scan# 825  
Delta R.T. 0.001 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

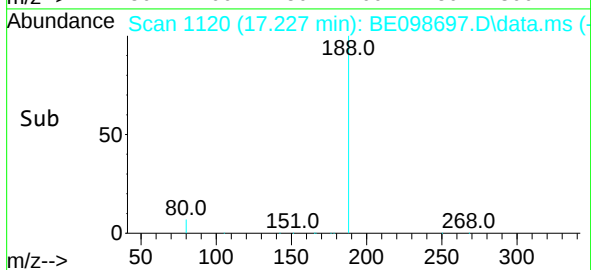
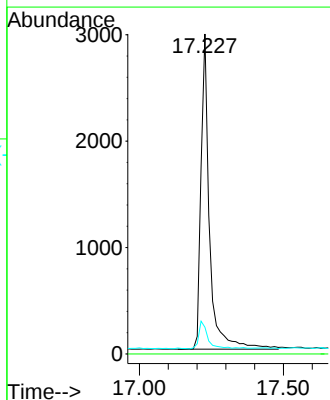
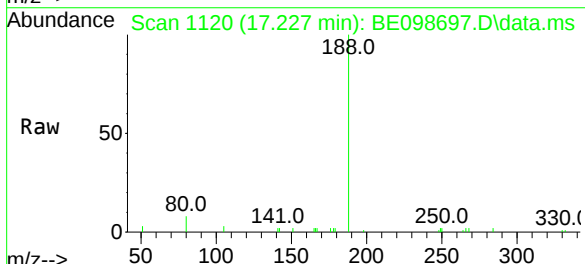
Instrument :  
BNA\_E  
ClientSampleId :  
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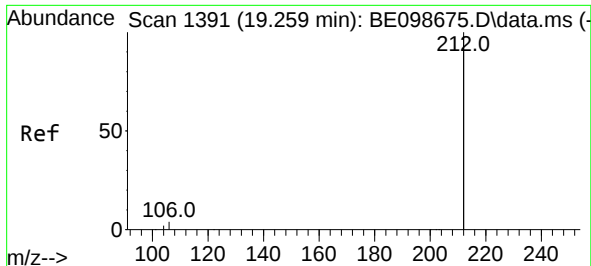
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 3616 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 33.5  | 29.0  | 43.4 |
| 170       | 23.5  | 20.8  | 31.2 |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.227 min Scan# 1120  
Delta R.T. 0.000 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 6090 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 8.3   | 4.7   | 7.1# |

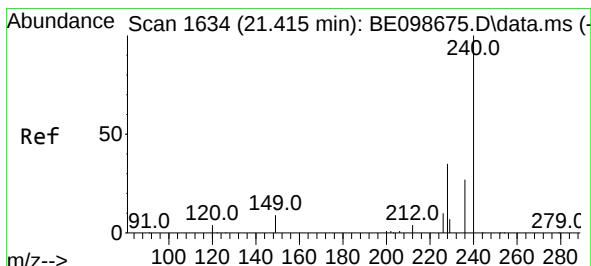
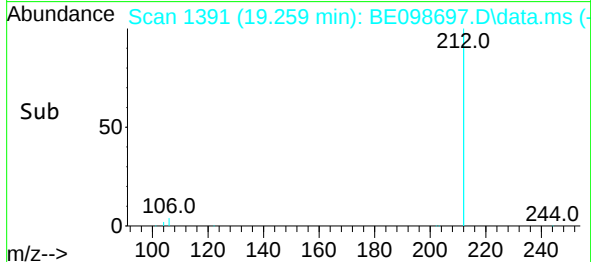
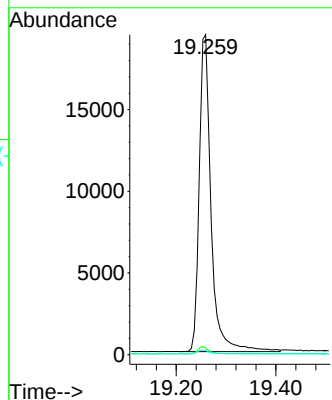
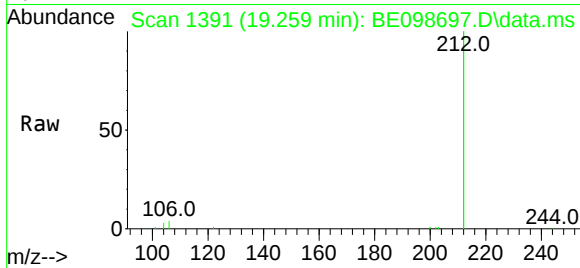




#25  
Fluoranthene-d10  
Concen: 0.37 ng  
RT: 19.259 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

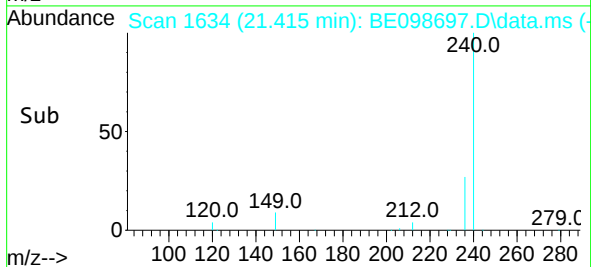
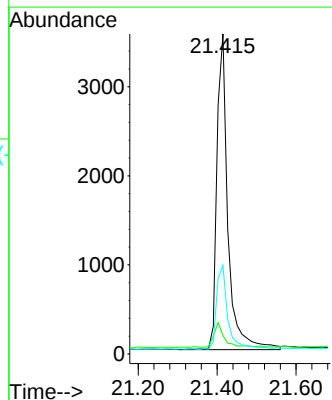
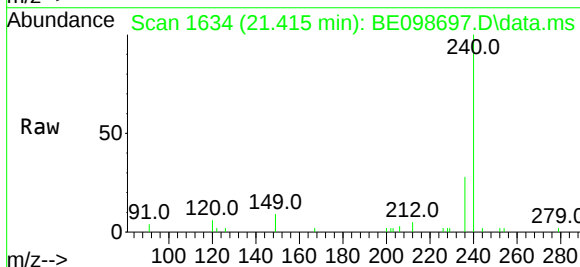
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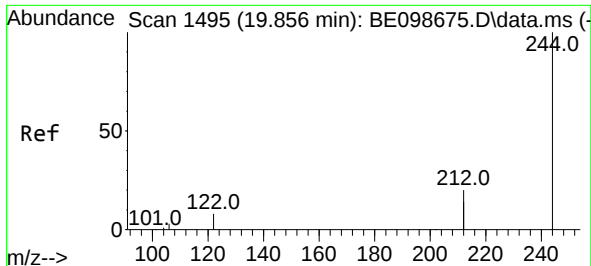
|             |       |         |
|-------------|-------|---------|
| Tgt Ion:212 | Resp: | 32153   |
| Ion Ratio   | Lower | Upper   |
| 212         | 100   |         |
| 106         | 2.1   | 1.7 2.5 |
| 104         | 1.3   | 1.0 1.6 |



#27  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.415 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 6841      |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 5.8   | 4.7 7.1   |
| 236         | 27.7  | 21.9 32.9 |





#29

Terphenyl-d14

Concen: 0.49 ng

RT: 19.851 min Scan# 1494

Delta R.T. -0.005 min

Lab File: BE098697.D

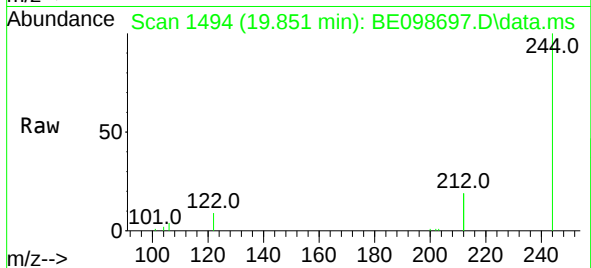
Acq: 1 Feb 2019 18:46

Instrument :

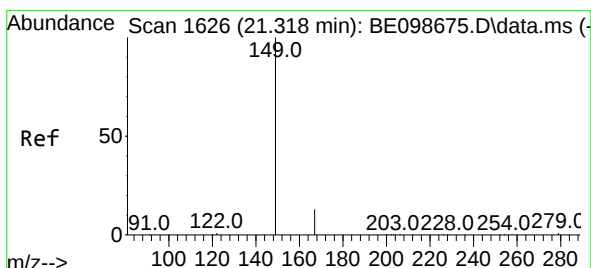
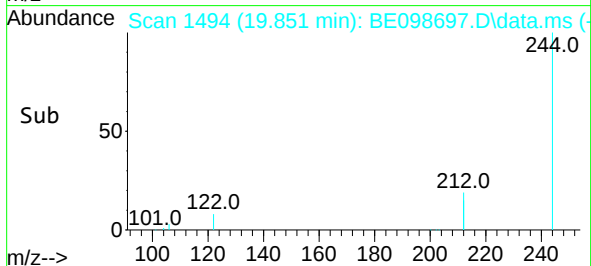
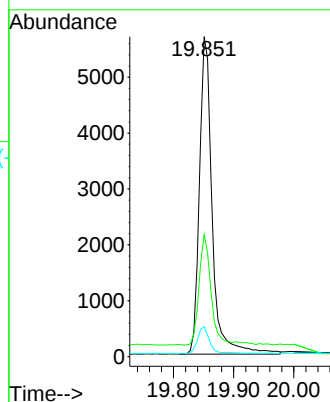
BNA\_E

ClientSampleId :

BP-TT-MW203I-20190130



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 8351      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 38.1  | 29.4 44.2 |
| 122         | 9.3   | 7.1 10.7  |



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

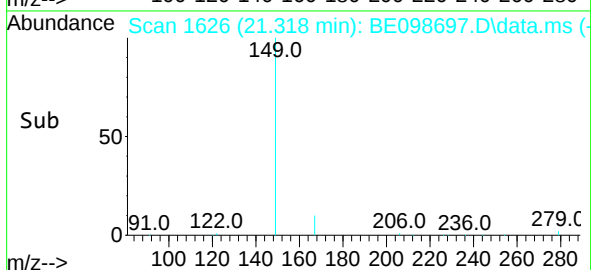
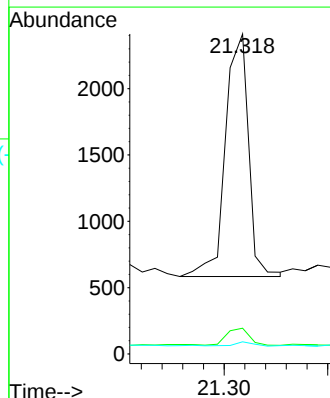
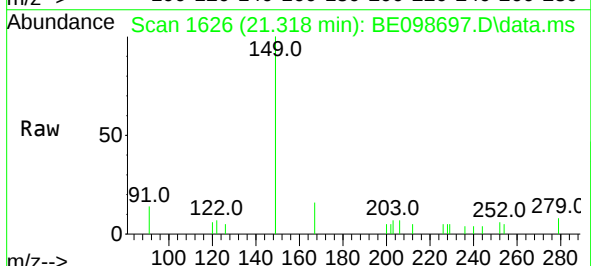
RT: 21.318 min Scan# 1626

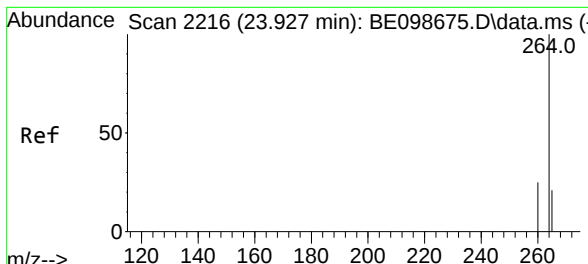
Delta R.T. -0.000 min

Lab File: BE098697.D

Acq: 1 Feb 2019 18:46

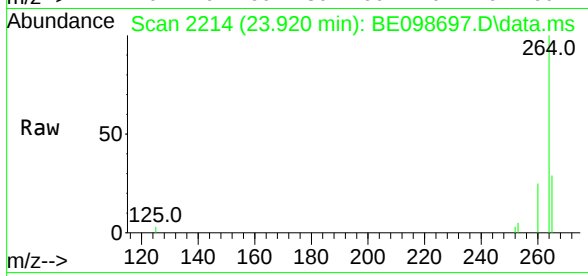
|             |       |         |
|-------------|-------|---------|
| Tgt Ion:149 | Resp: | 2835    |
| Ion Ratio   | Lower | Upper   |
| 149         | 100   |         |
| 167         | 6.9   | 5.4 8.2 |
| 279         | 1.3   | 1.0 1.4 |





#34  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.920 min Scan# 2214  
Delta R.T. -0.007 min  
Lab File: BE098697.D  
Acq: 1 Feb 2019 18:46

Instrument :  
BNA\_E  
ClientSampleId :  
BP-TT-MW203I-20190130



Tgt Ion:264 Resp: 6612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.4  | 20.5  | 30.7  |
| 265 | 29.1  | 22.3  | 33.5  |

