

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101321\  
 Data File : BN016919.D  
 Acq On : 13 Oct 2021 04:24  
 Operator : CG/JU  
 Sample : M4154-05 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SW-CB-32

Quant Time: Oct 13 06:20:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 13 02:19:57 2021  
 Response via : Initial Calibration

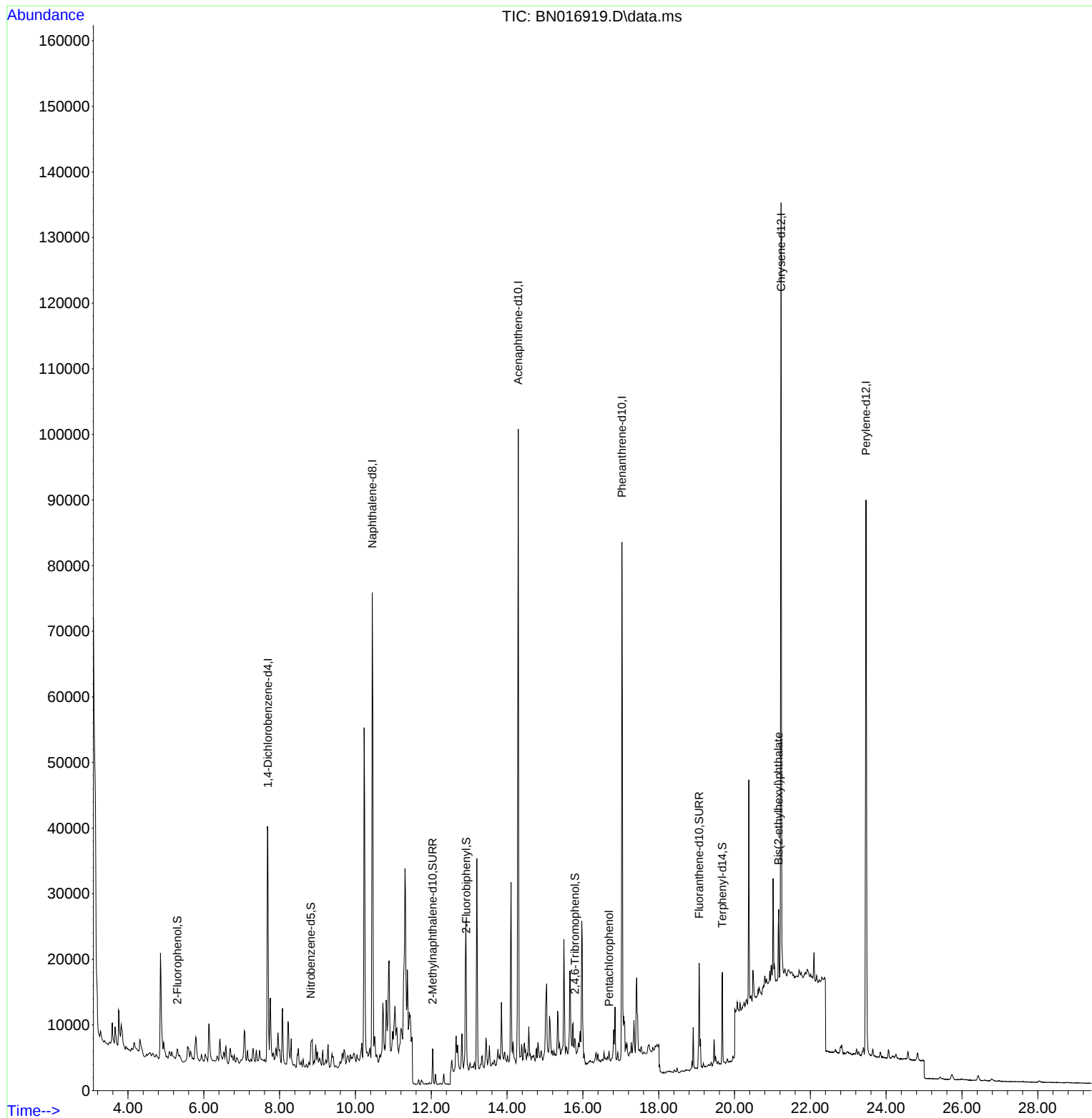
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 21826    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.445 | 136  | 98615    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 54983    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.030 | 188  | 106034   | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 106765   | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.467 | 264  | 112705   | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 1531     | 0.03 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.868  | 99   | 987      | 0.02 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 3540     | 0.06 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.038 | 152  | 7291     | 0.05 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 1816     | 0.07 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 10176    | 0.05 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.068 | 212  | 17292    | 0.06 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 13808    | 0.06 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 24) Pentachlorophenol         | 16.689 | 266  | 674      | 0.22 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 10116    | 0.24 | ng    | 100      |
| -----                         |        |      |          |      |       |          |

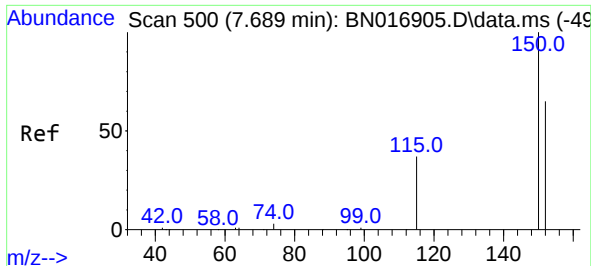
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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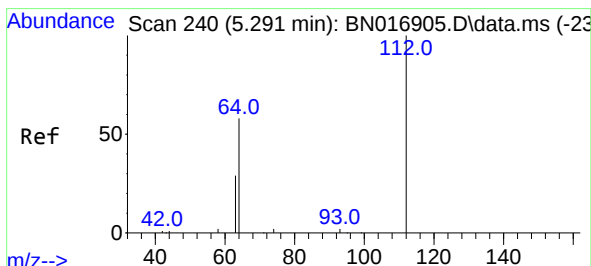
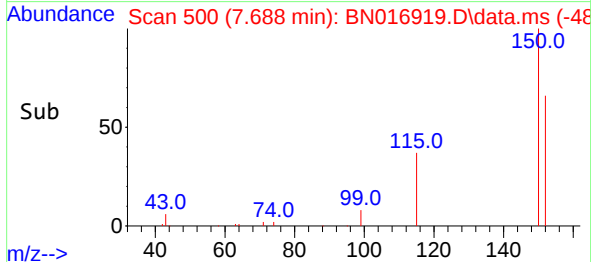
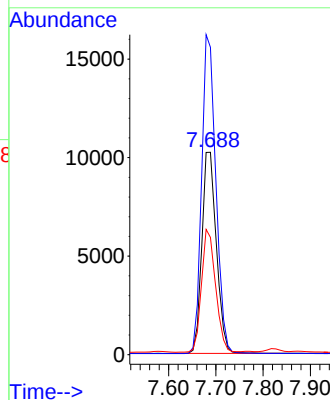
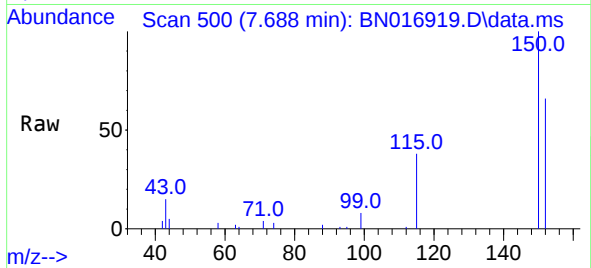




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.688 min Scan# 500  
Delta R.T. -0.001 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

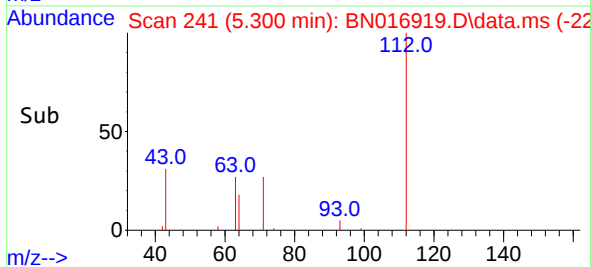
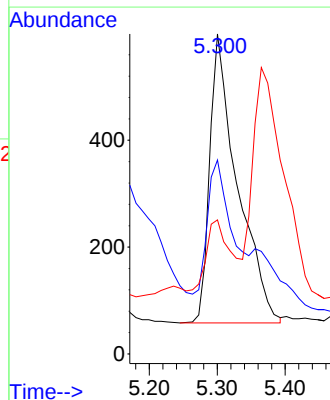
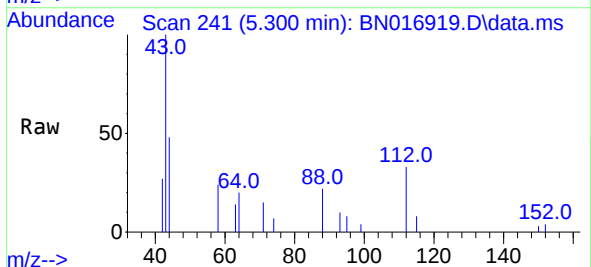
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BNA\_N  
ClientSampleId :  
SW-CB-32

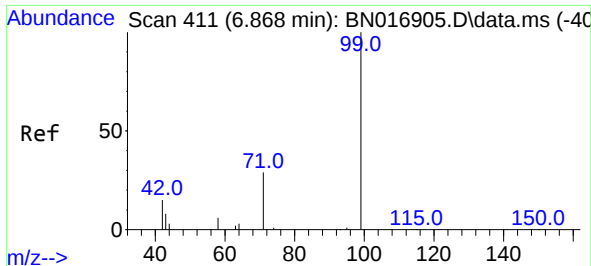
Tgt Ion:152 Resp: 21826  
Ion Ratio Lower Upper  
152 100  
150 151.9 122.6 183.8  
115 58.0 46.1 69.1



#4  
2-Fluorophenol  
Concen: 0.03 ng  
RT: 5.300 min Scan# 241  
Delta R.T. 0.009 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:112 Resp: 1531  
Ion Ratio Lower Upper  
112 100  
64 40.5 45.0 67.4#  
63 22.1 22.6 33.8#

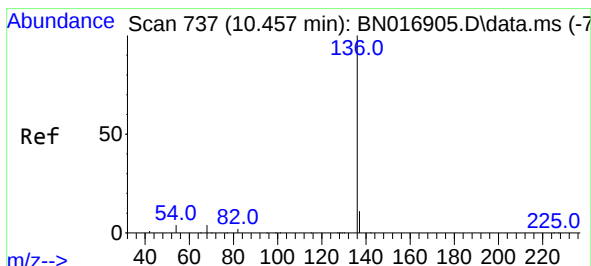
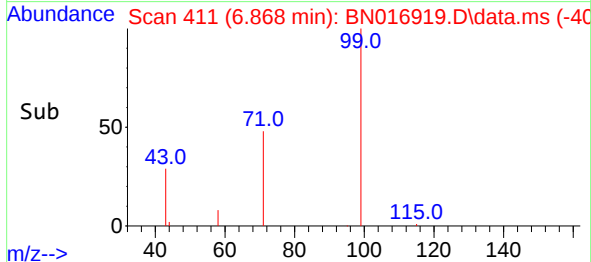
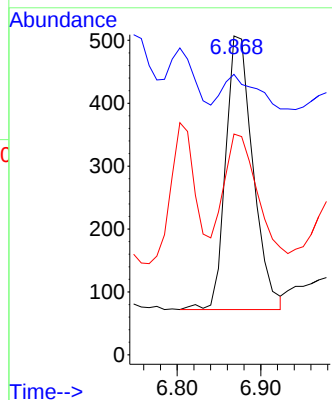
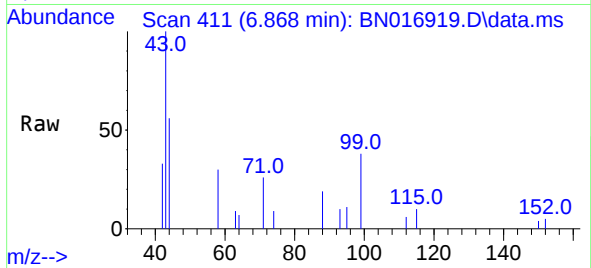




#5  
Phenol-d6  
Concen: 0.02 ng  
RT: 6.868 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

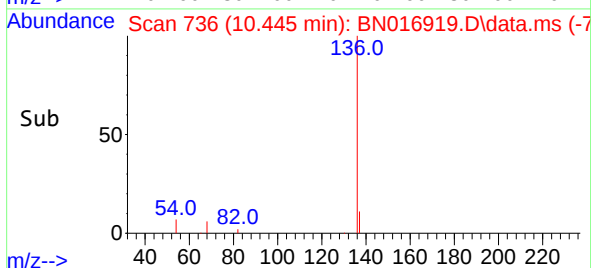
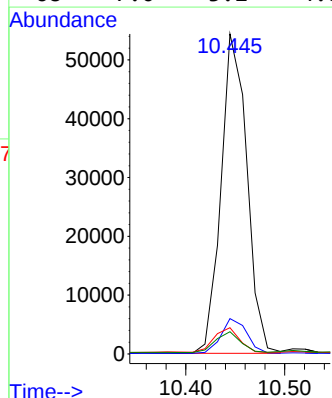
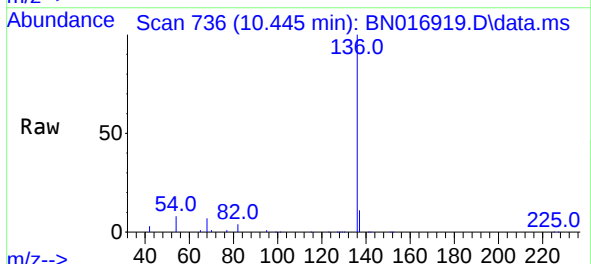
Instrument :  
BNA\_N  
ClientSampleId :  
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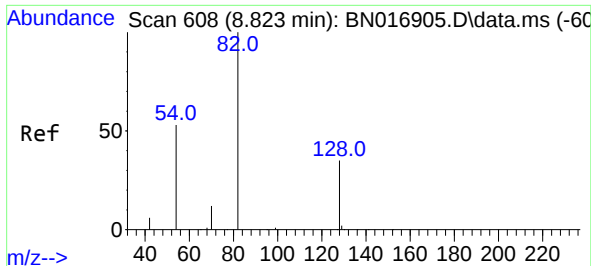
Tgt Ion: 99 Resp: 987  
Ion Ratio Lower Upper  
99 100  
42 14.5 14.2 21.4  
71 50.7 24.5 36.7#



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.445 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:136 Resp: 98615  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 8.2 3.7 5.5#  
68 7.0 3.2 4.8#

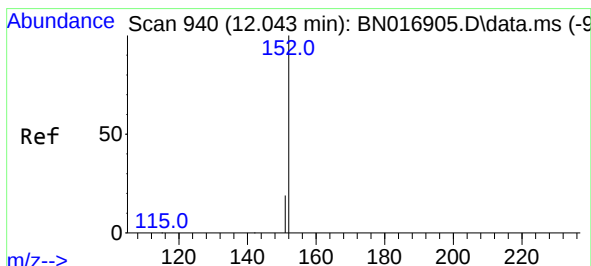
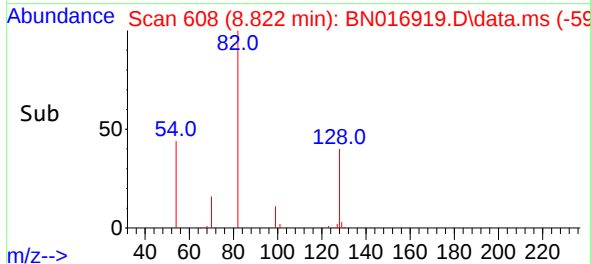
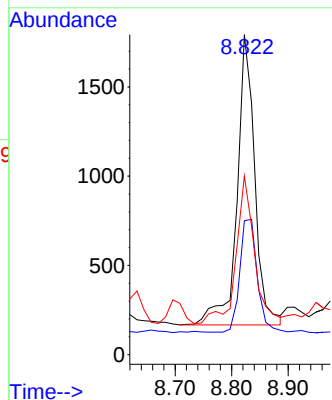
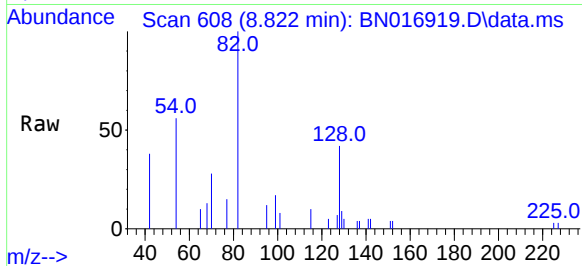




#8  
Nitrobenzene-d5  
Concen: 0.06 ng  
RT: 8.822 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

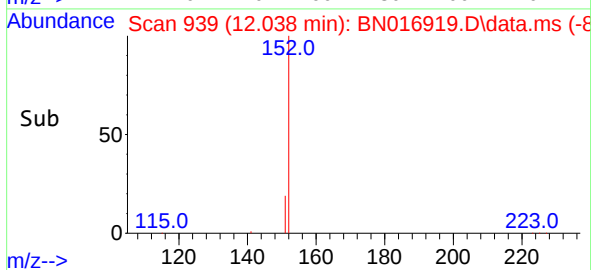
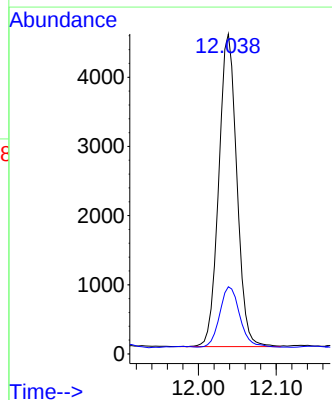
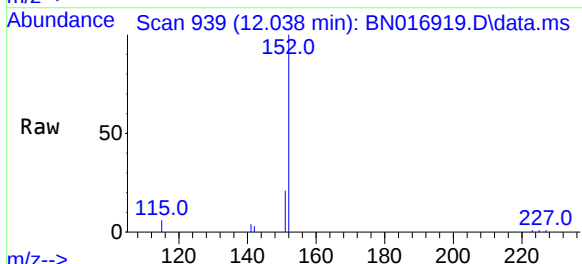
Instrument :  
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SW-CB-32

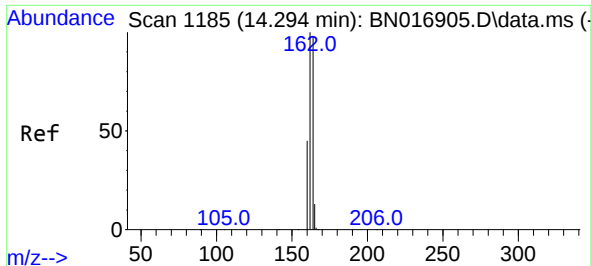
Tgt Ion: 82 Resp: 3540  
Ion Ratio Lower Upper  
82 100  
128 41.8 28.3 42.5  
54 55.8 43.0 64.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.05 ng  
RT: 12.038 min Scan# 939  
Delta R.T. -0.005 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion: 152 Resp: 7291  
Ion Ratio Lower Upper  
152 100  
151 22.0 16.2 24.4

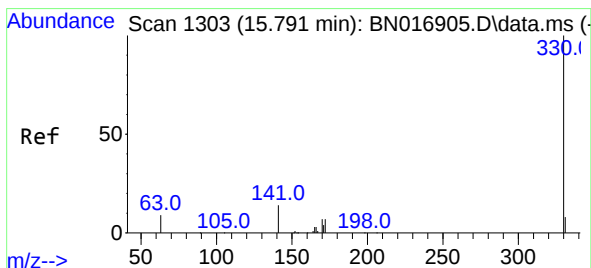
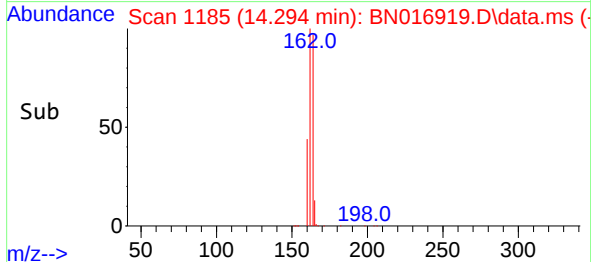
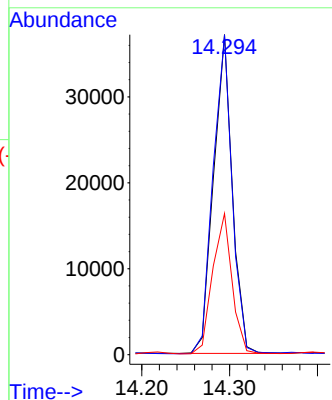
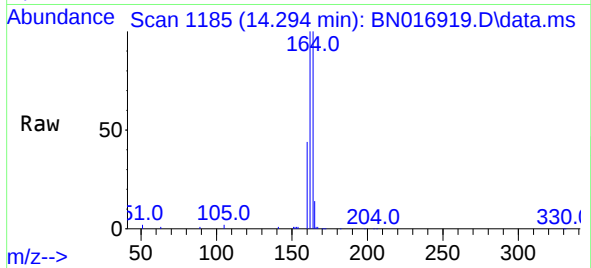




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

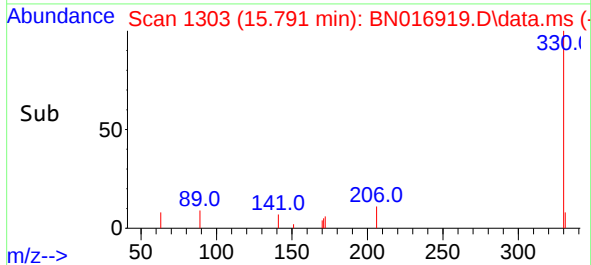
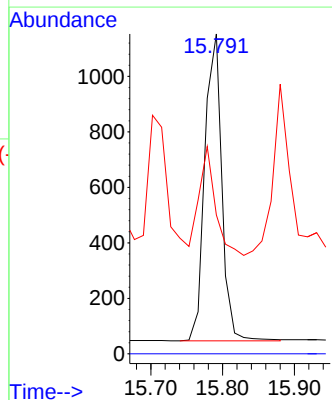
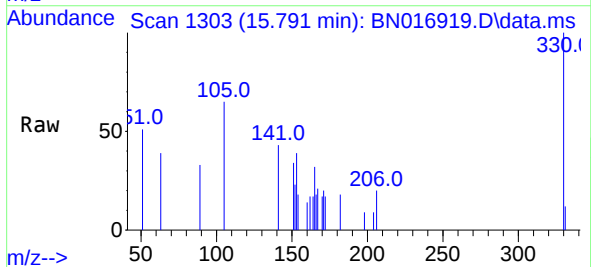
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-32

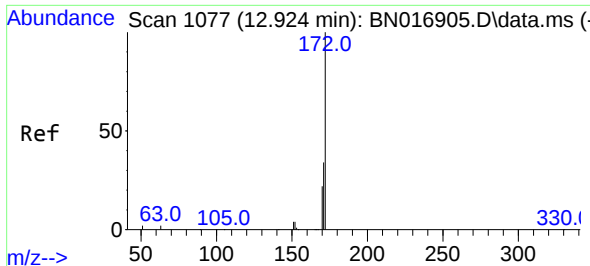
Tgt Ion:164 Resp: 54983  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.4 122.0  
160 44.1 37.0 55.4



#14  
2,4,6-Tribromophenol  
Concen: 0.07 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:330 Resp: 1816  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 33.6 24.4 36.6

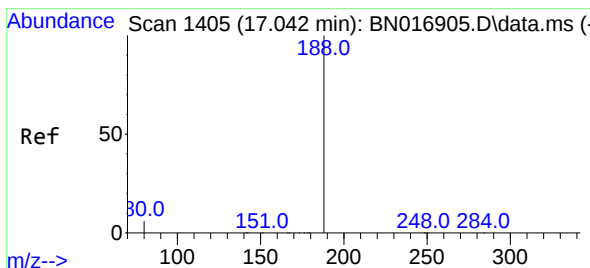
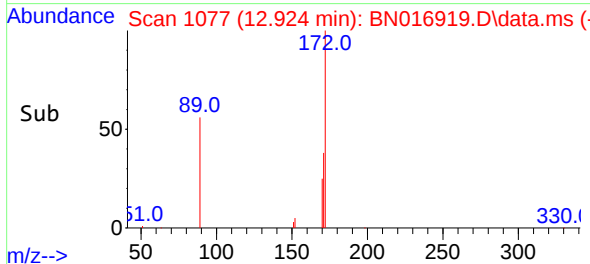
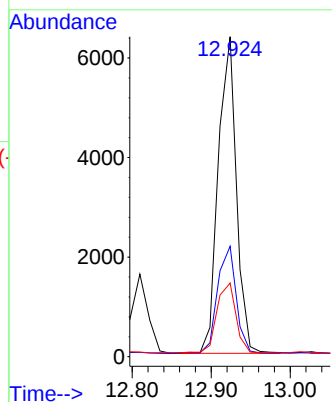
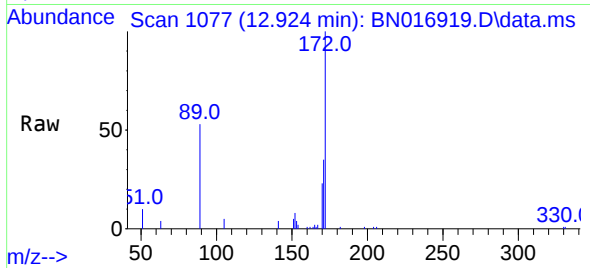




#15  
2-Fluorobiphenyl  
Concen: 0.05 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

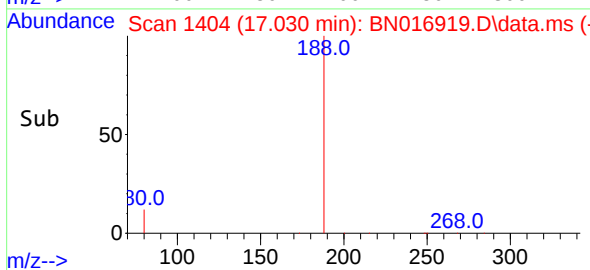
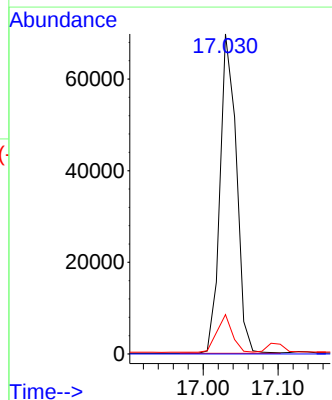
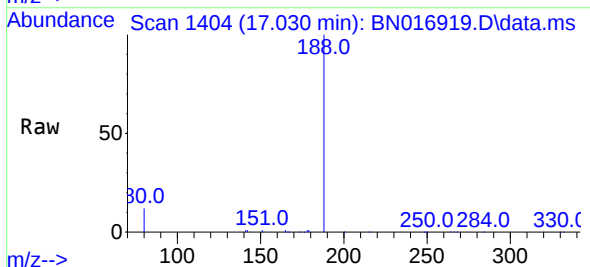
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-32

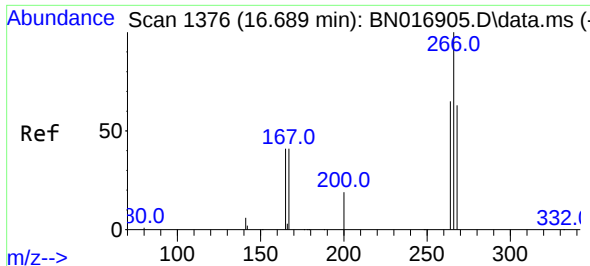
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 10176 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.5  | 27.4  | 41.0  |
| 170      | 23.0  | 18.1  | 27.1  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. -0.012 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 106034 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 0.0   | 0.0   | 0.0    |
| 80       | 12.3  | 4.9   | 7.3    |

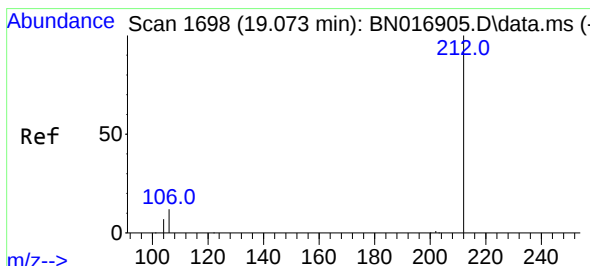
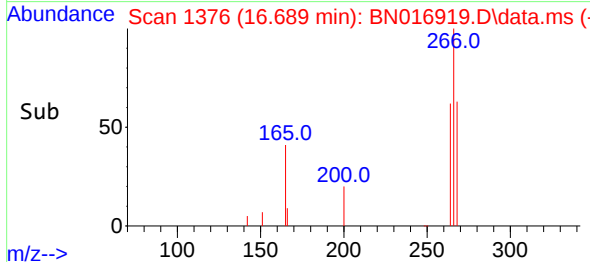
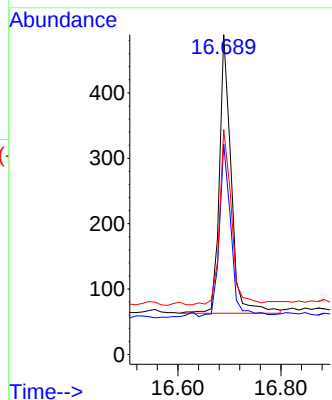
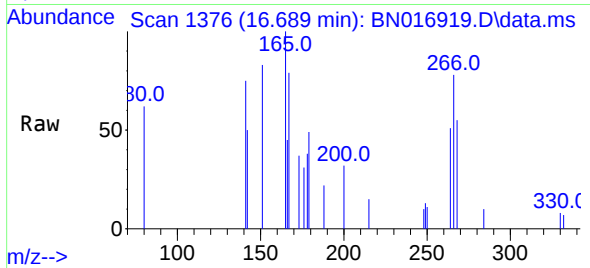




#24  
Pentachlorophenol  
Concen: 0.22 ng  
RT: 16.689 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

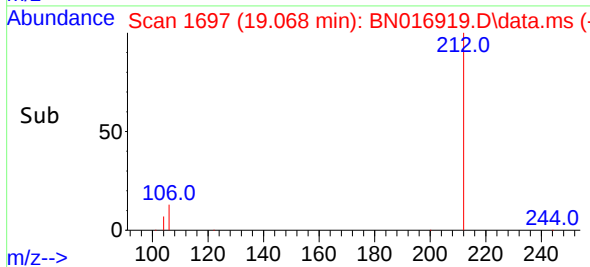
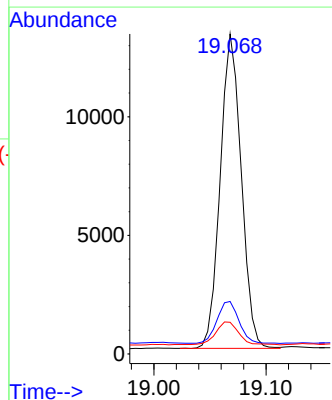
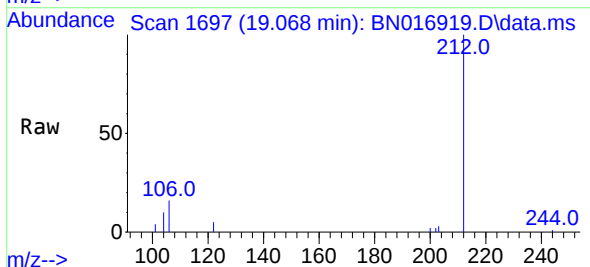
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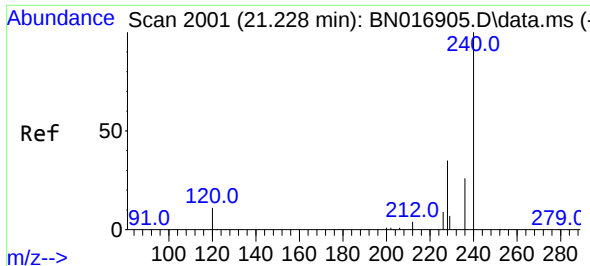
Tgt Ion:266 Resp: 674  
Ion Ratio Lower Upper  
266 100  
264 60.8 50.5 75.7  
268 62.9 51.2 76.8



#27  
Fluoranthene-d10  
Concen: 0.06 ng  
RT: 19.068 min Scan# 1697  
Delta R.T. -0.005 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:212 Resp: 17292  
Ion Ratio Lower Upper  
212 100  
106 13.9 10.7 16.1  
104 8.1 5.8 8.8

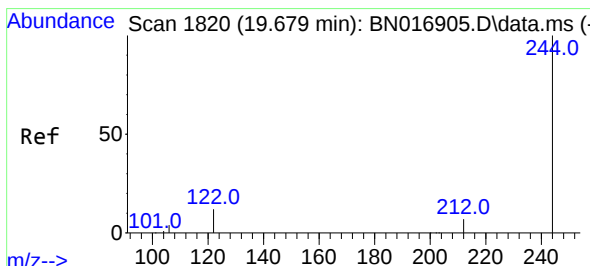
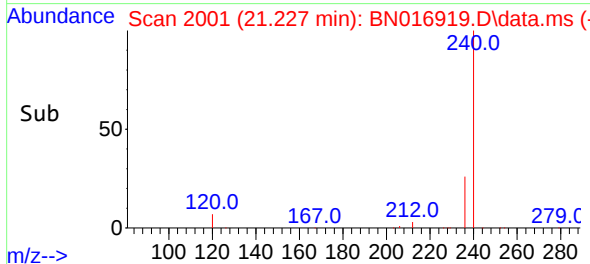
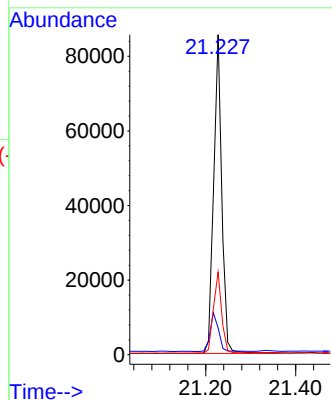
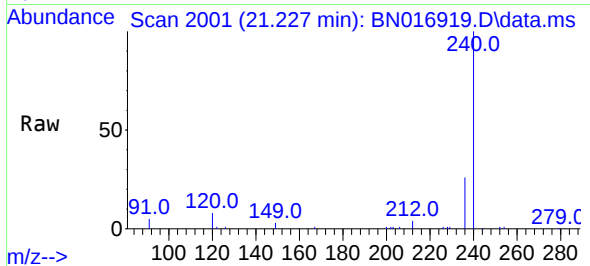




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

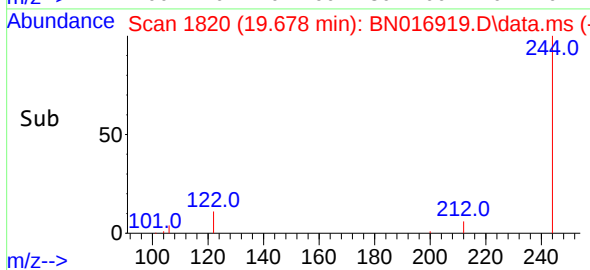
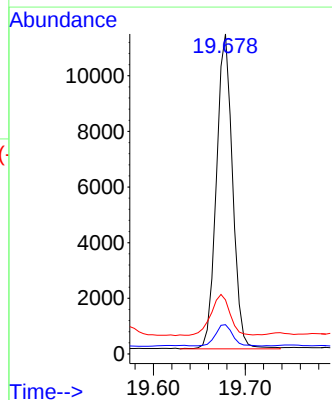
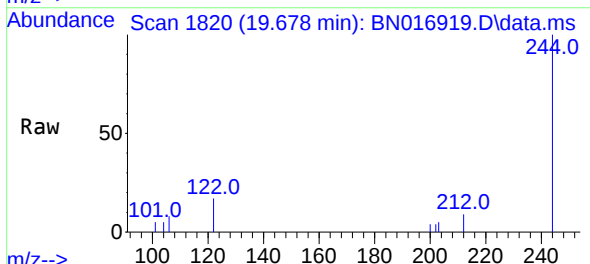
Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-32

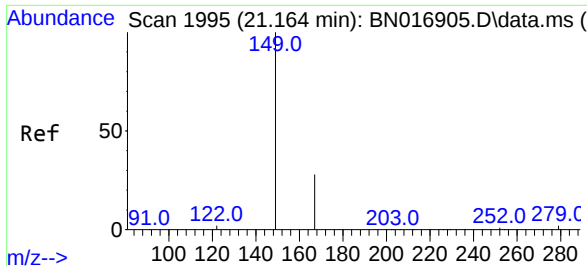
Tgt Ion:240 Resp: 106765  
Ion Ratio Lower Upper  
240 100  
120 8.3 8.6 12.8#  
236 25.9 21.0 31.4



#31  
Terphenyl-d14  
Concen: 0.06 ng  
RT: 19.678 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:244 Resp: 13808  
Ion Ratio Lower Upper  
244 100  
212 9.1 5.7 8.5#  
122 16.9 9.8 14.6#

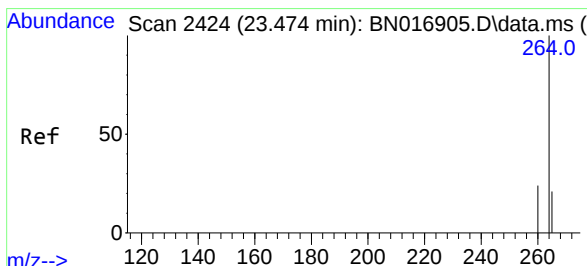
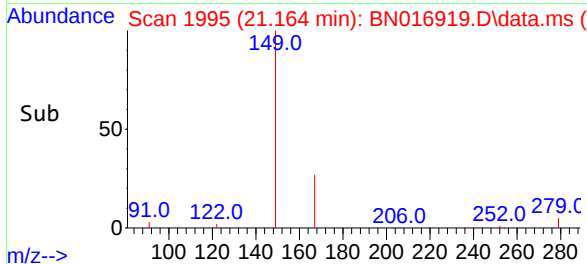
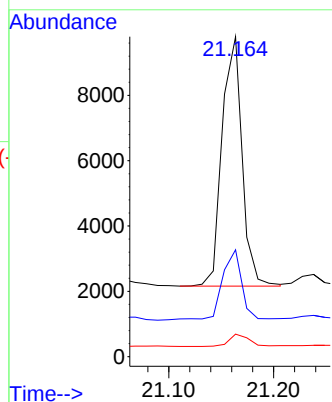
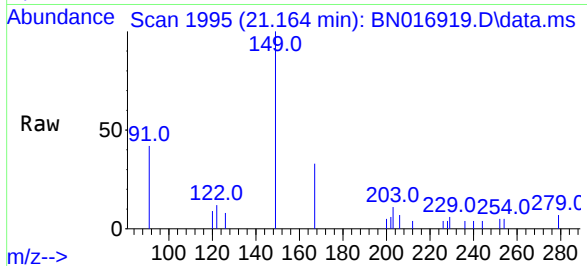




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.24 ng  
RT: 21.164 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Instrument :  
BNA\_N  
ClientSampleId :  
SW-CB-32

Tgt Ion:149 Resp: 10116  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.1 33.1  
279 5.0 3.4 5.0



#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.467 min Scan# 2422  
Delta R.T. -0.007 min  
Lab File: BN016919.D  
Acq: 13 Oct 2021 04:24

Tgt Ion:264 Resp: 112705  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.4 29.2  
265 24.1 18.6 27.8

