

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110322\  
 Data File : BN022494.D  
 Acq On : 04 Nov 2022 02:43  
 Operator : CG/JU  
 Sample : PB148780BL  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148780BL

Quant Time: Nov 04 04:09:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 03:28:17 2022  
 Response via : Initial Calibration

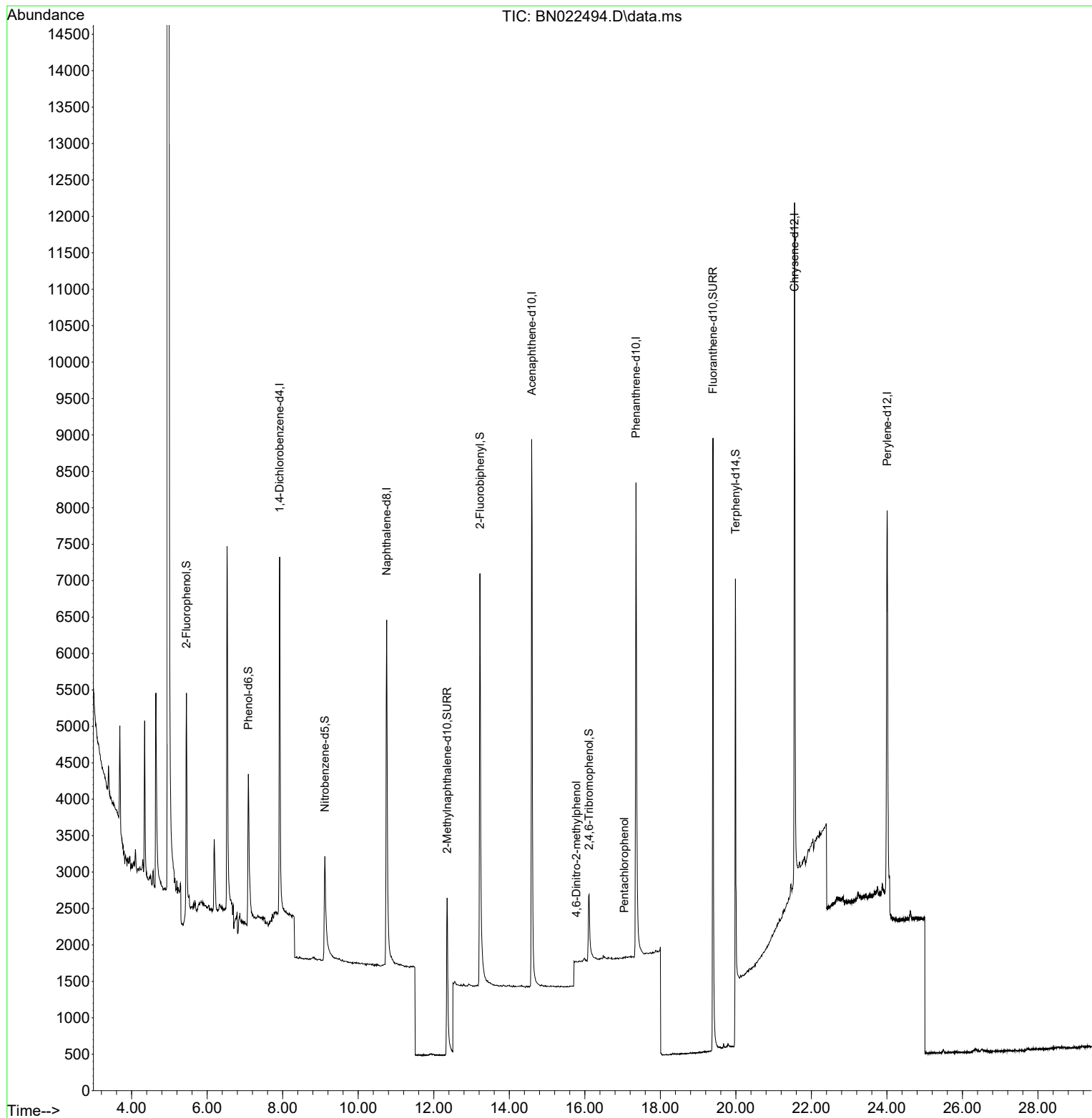
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.920  | 152  | 2883     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.752 | 136  | 8911     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.593 | 164  | 5404     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.354 | 188  | 11730    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.555 | 240  | 9311     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.005 | 264  | 8415     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.450  | 112  | 2830     | 0.348 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.090  | 99   | 3375     | 0.329 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.118  | 82   | 2394     | 0.297 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.353 | 152  | 4600     | 0.308 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.112 | 330  | 848      | 0.299 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 13.224 | 172  | 6925     | 0.308 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.394 | 212  | 10660    | 0.333 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.989 | 244  | 10295    | 0.355 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.777 | 198  | 8        | 0.234 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.043 | 266  | 18       | 0.174 | ng    | # 60     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110322\  
Data File : BN022494.D  
Acq On : 04 Nov 2022 02:43  
Operator : CG/JU  
Sample : PB148780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB148780BL

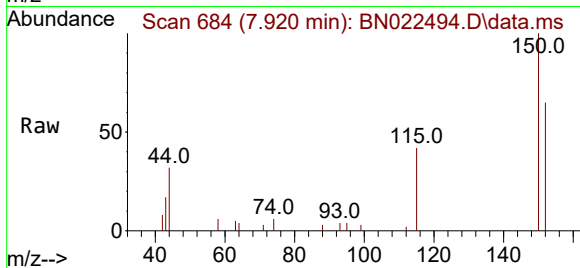
Quant Time: Nov 04 04:09:50 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 04 03:28:17 2022  
Response via : Initial Calibration



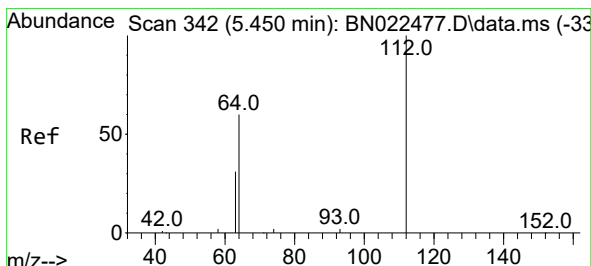
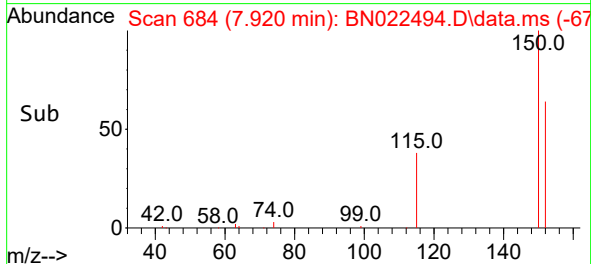
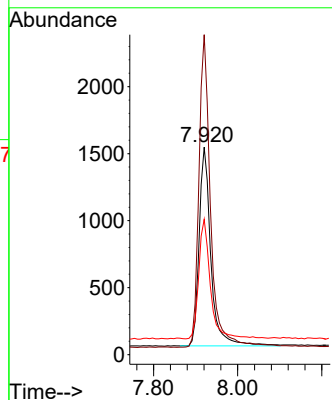


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.920 min Scan# 684  
 Delta R.T. 0.000 min  
 Lab File: BN022494.D  
 Acq: 04 Nov 2022 02:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148780BL

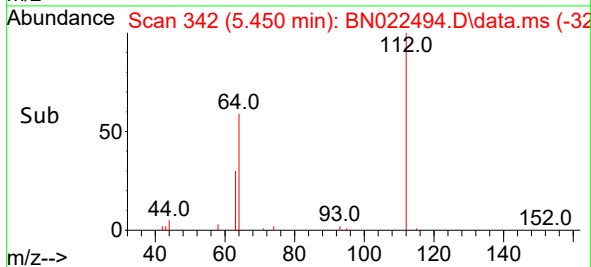
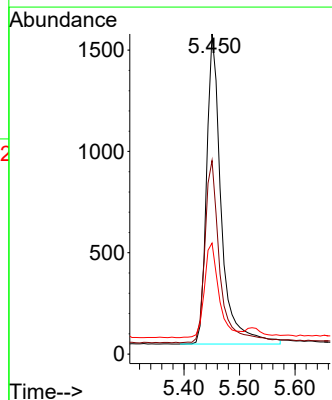
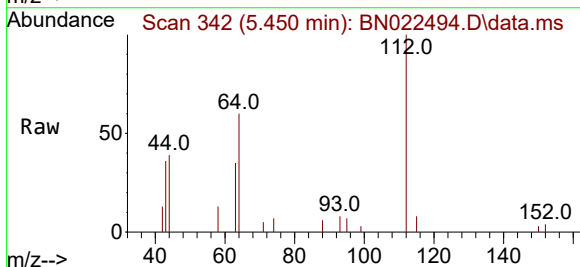


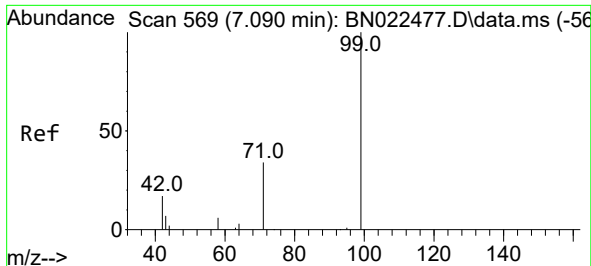
Tgt Ion:152 Resp: 2883  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 123.4 185.2  
 115 65.2 54.9 82.3



#4  
 2-Fluorophenol  
 Concen: 0.348 ng  
 RT: 5.450 min Scan# 342  
 Delta R.T. -0.000 min  
 Lab File: BN022494.D  
 Acq: 04 Nov 2022 02:43

Tgt Ion:112 Resp: 2830  
 Ion Ratio Lower Upper  
 112 100  
 64 60.1 47.1 70.7  
 63 30.5 24.6 36.8

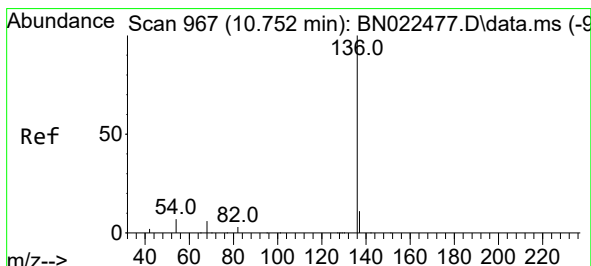
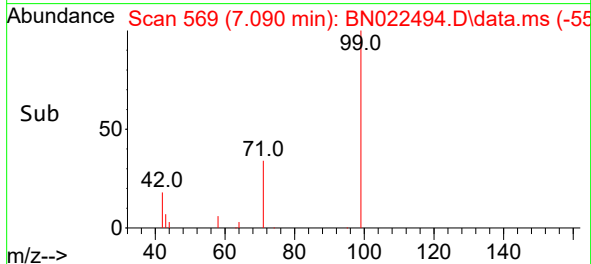
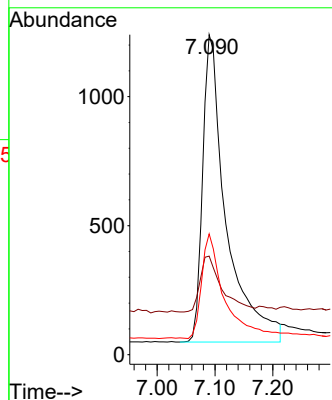
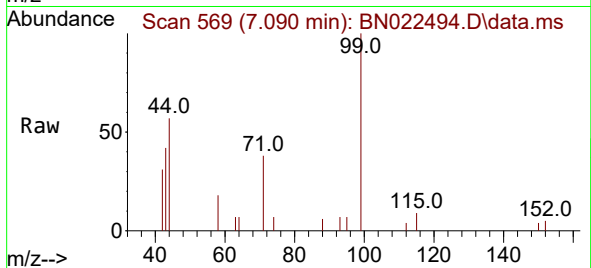




#5  
Phenol-d6  
Concen: 0.329 ng  
RT: 7.090 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

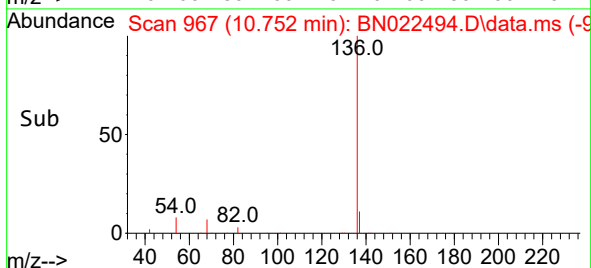
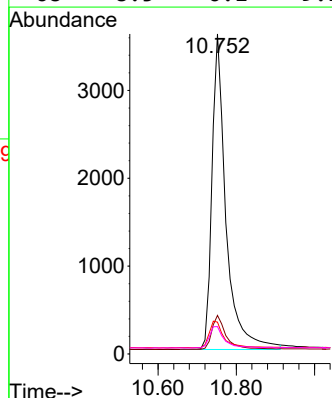
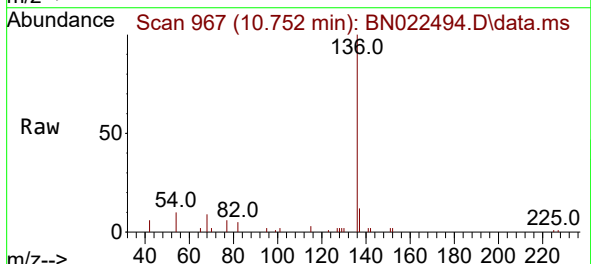
Instrument :  
BNA\_N  
ClientSampleId :  
PB148780BL

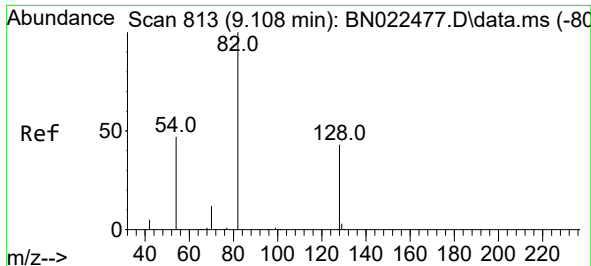
Tgt Ion: 99 Resp: 3375  
Ion Ratio Lower Upper  
99 100  
42 16.8 14.7 22.1  
71 32.7 27.0 40.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.752 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion: 136 Resp: 8911  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.5 14.3  
54 9.9 7.1 10.7  
68 8.5 6.1 9.1

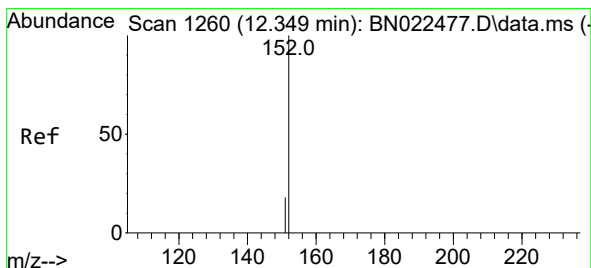
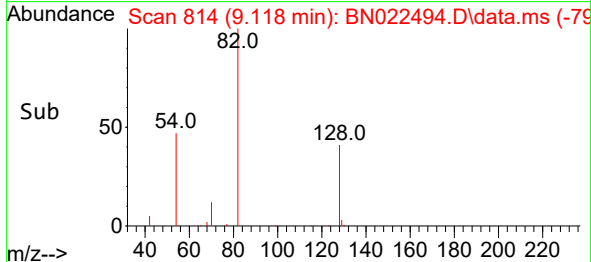
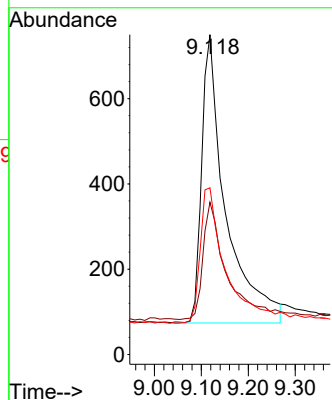
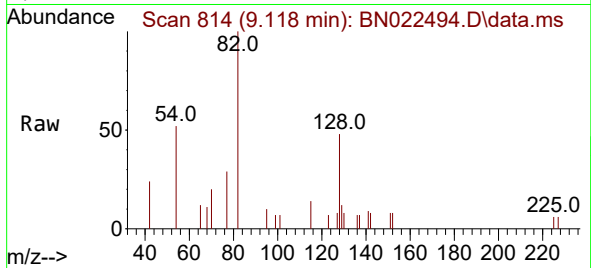




#8  
Nitrobenzene-d5  
Concen: 0.297 ng  
RT: 9.118 min Scan# 81  
Delta R.T. 0.011 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

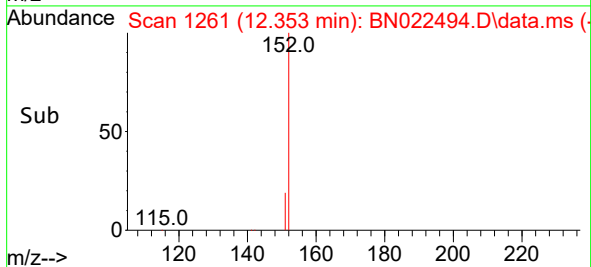
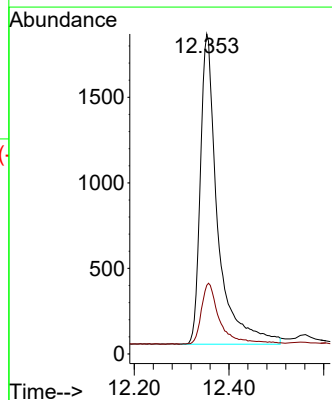
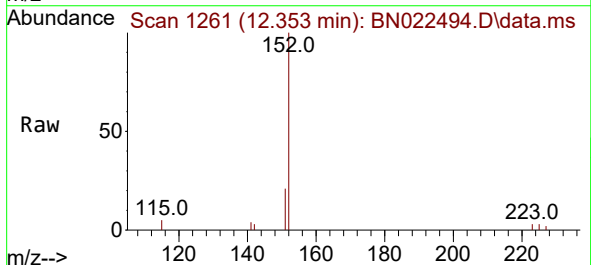
Instrument :  
BNA\_N  
ClientSampleId :  
PB148780BL

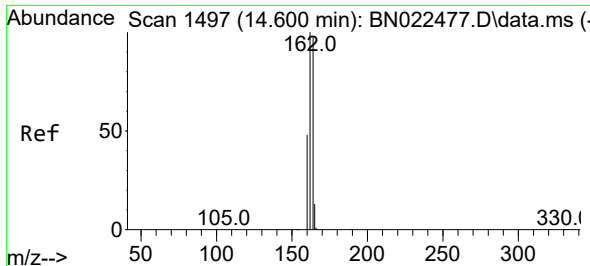
Tgt Ion: 82 Resp: 2394  
Ion Ratio Lower Upper  
82 100  
128 47.6 37.3 55.9  
54 52.1 40.0 60.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.308 ng  
RT: 12.353 min Scan# 1261  
Delta R.T. 0.004 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion: 152 Resp: 4600  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 25.0

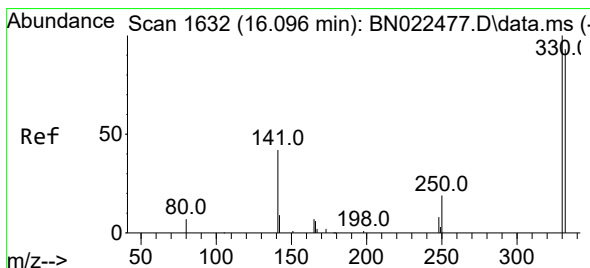
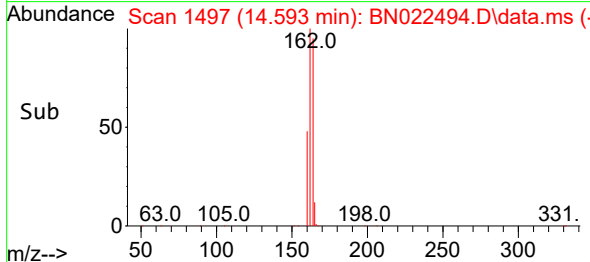
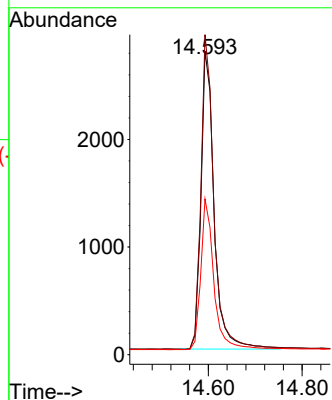
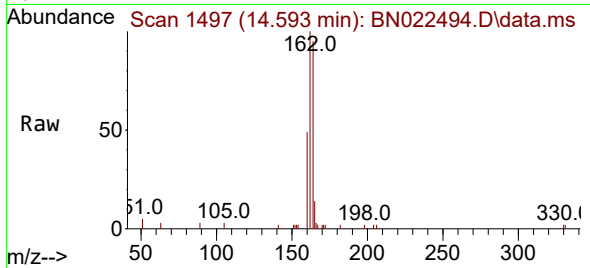




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.593 min Scan# 1497  
Delta R.T. -0.007 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

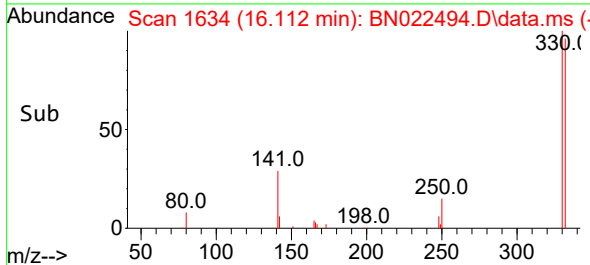
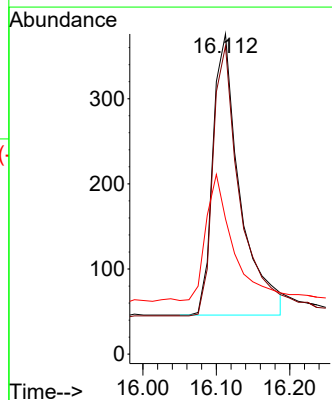
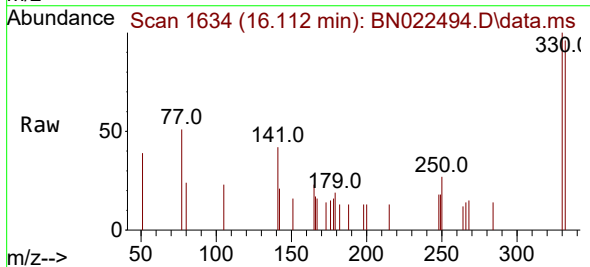
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ClientSampleId :  
PB148780BL

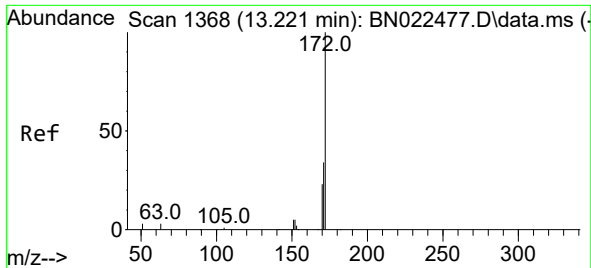
Tgt Ion:164 Resp: 5404  
Ion Ratio Lower Upper  
164 100  
162 105.4 82.0 123.0  
160 51.3 39.4 59.2



#14  
2,4,6-Tribromophenol  
Concen: 0.299 ng  
RT: 16.112 min Scan# 1634  
Delta R.T. 0.016 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion:330 Resp: 848  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.8 116.8  
141 46.2 35.0 52.6

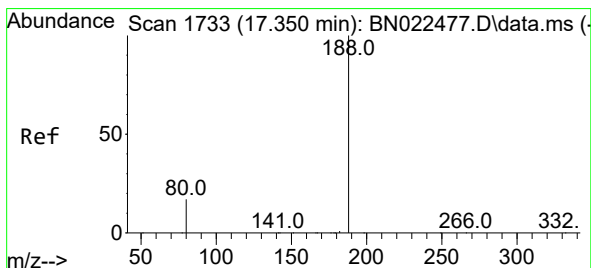
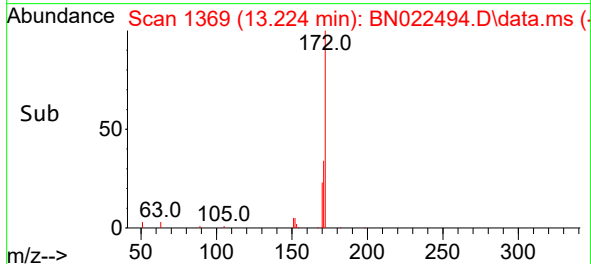
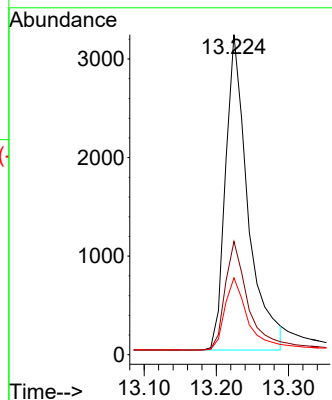
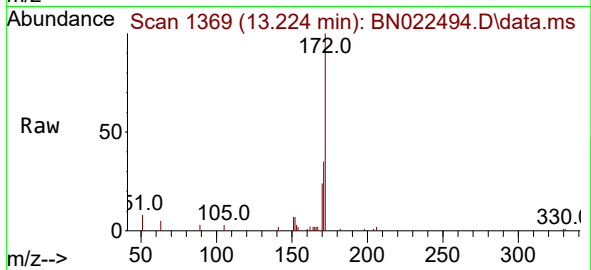




#15  
2-Fluorobiphenyl  
Concen: 0.308 ng  
RT: 13.224 min Scan# 1368  
Delta R.T. 0.004 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

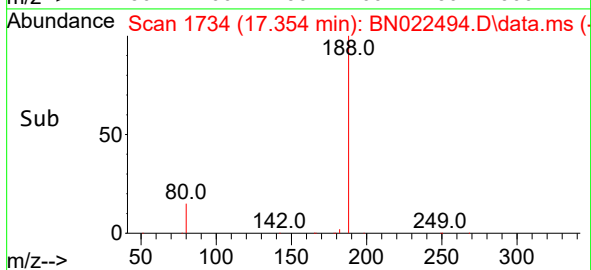
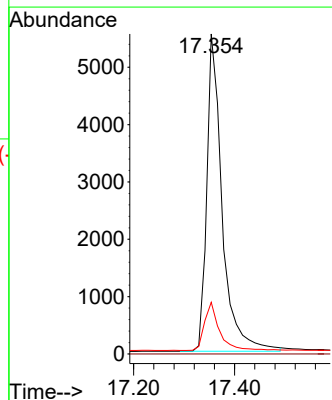
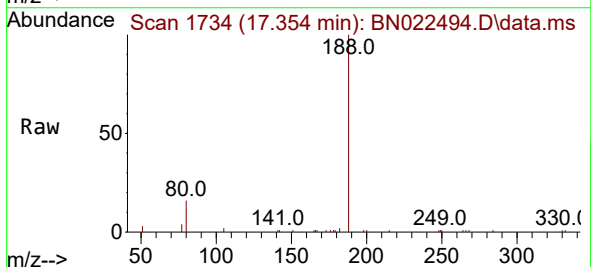
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BNA\_N  
ClientSampleId :  
PB148780BL

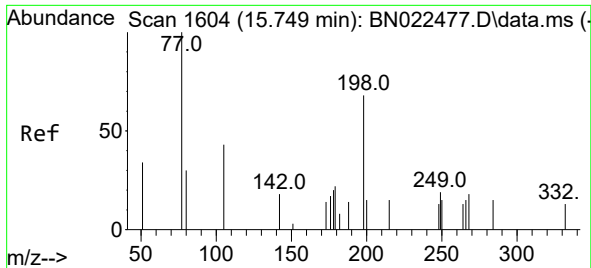
Tgt Ion:172 Resp: 6925  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 24.0 19.2 28.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.354 min Scan# 1734  
Delta R.T. 0.004 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion:188 Resp: 11730  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.2 14.6 21.8

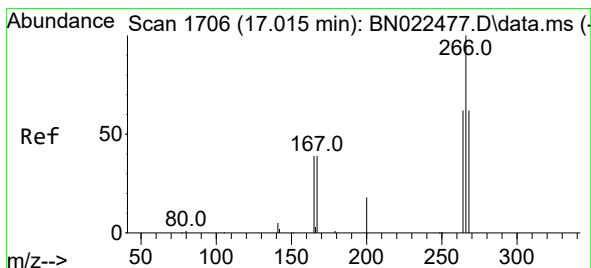
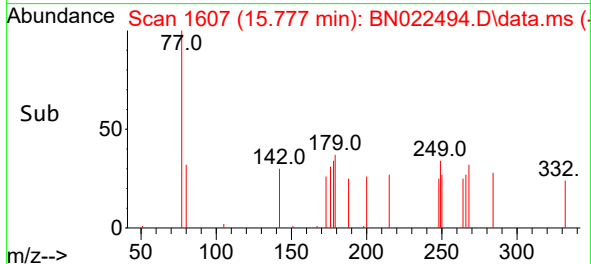
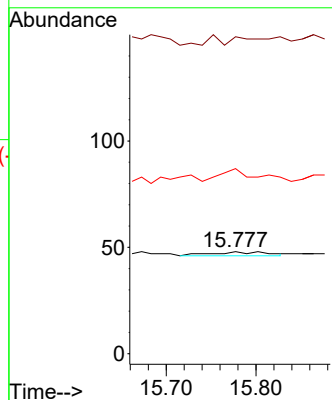
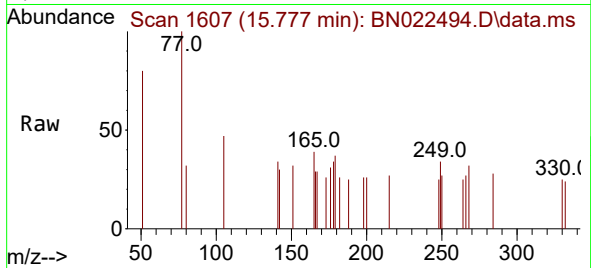




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.234 ng  
RT: 15.777 min Scan# 1  
Delta R.T. 0.028 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

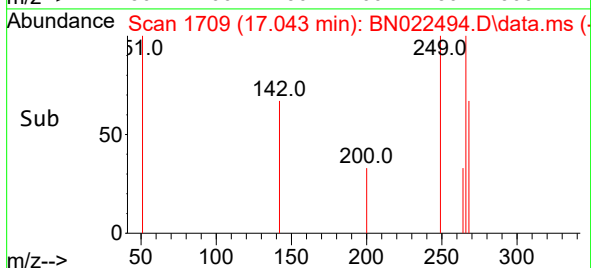
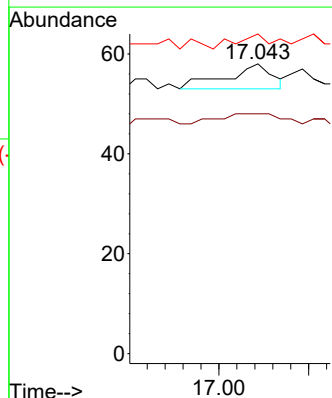
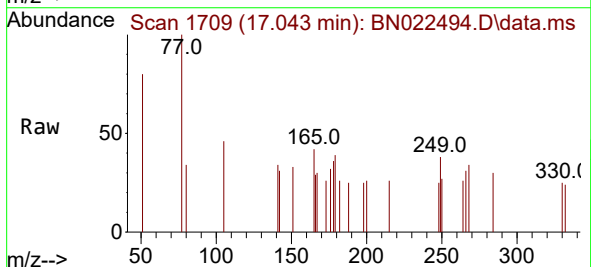
Instrument :  
BNA\_N  
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PB148780BL

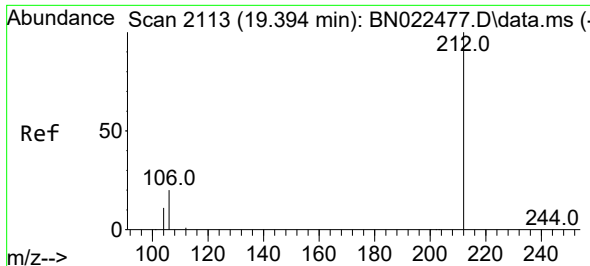
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Ion Ratio Lower Upper  
198 100  
51 310.4 83.8 125.8#  
105 181.3 71.4 107.2#



#24  
Pentachlorophenol  
Concen: 0.174 ng  
RT: 17.043 min Scan# 1709  
Delta R.T. 0.028 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion:266 Resp: 18  
Ion Ratio Lower Upper  
266 100  
264 0.0 50.6 75.8#  
268 66.7 54.1 81.1

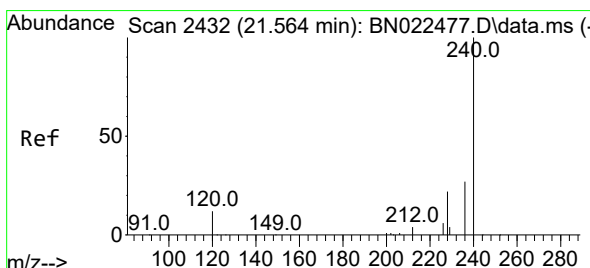
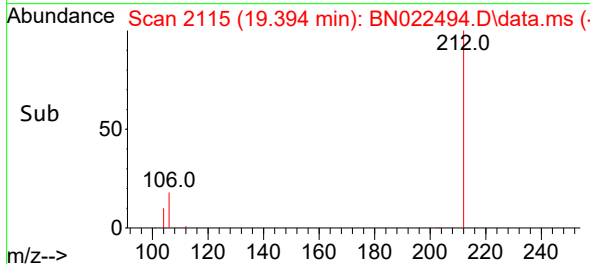
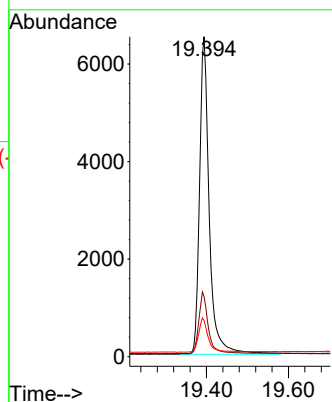
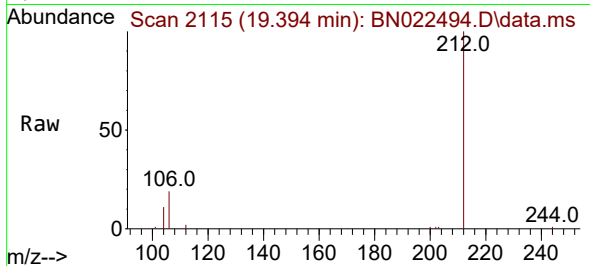




#27  
Fluoranthene-d10  
Concen: 0.333 ng  
RT: 19.394 min Scan# 2113  
Delta R.T. -0.000 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

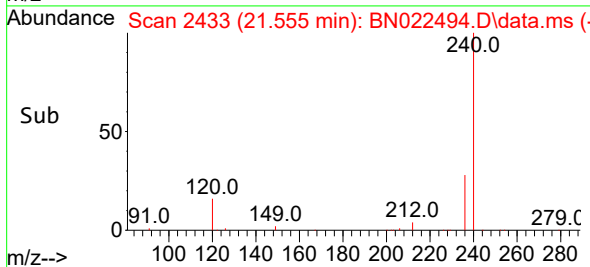
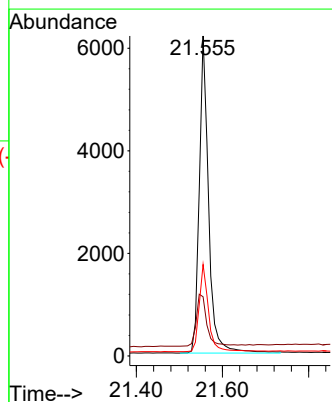
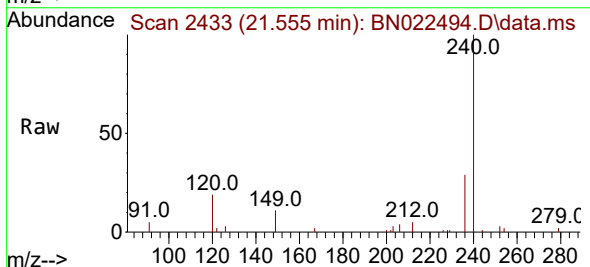
Instrument :  
BNA\_N  
ClientSampleId :  
PB148780BL

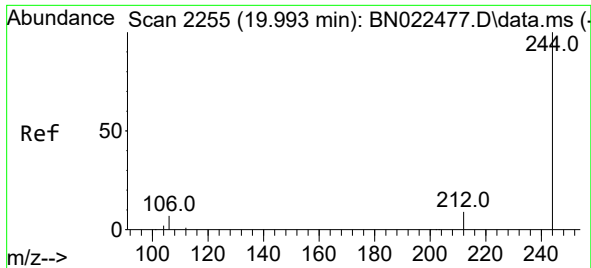
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Ion Ratio Lower Upper  
212 100  
106 18.9 15.2 22.8  
104 10.4 8.6 12.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.555 min Scan# 2433  
Delta R.T. -0.009 min  
Lab File: BN022494.D  
Acq: 04 Nov 2022 02:43

Tgt Ion:240 Resp: 9311  
Ion Ratio Lower Upper  
240 100  
120 18.5 12.4 18.6  
236 28.6 22.7 34.1

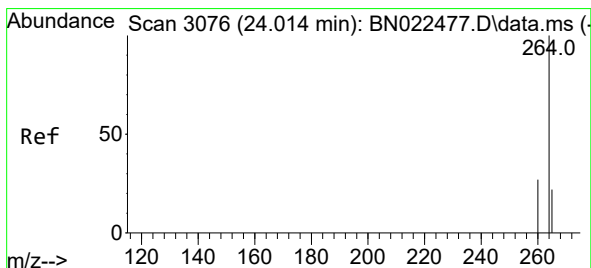
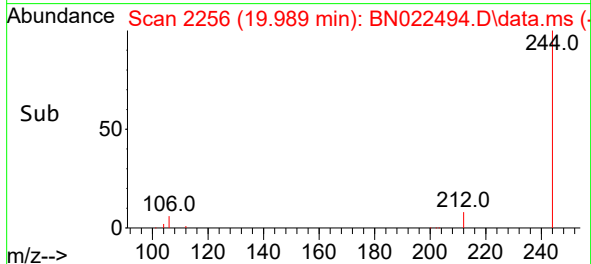
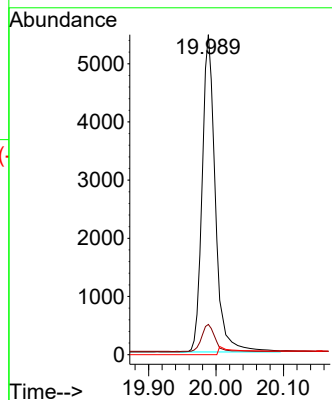
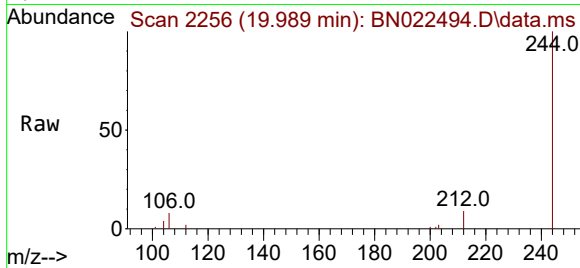




#31  
 Terphenyl-d14  
 Concen: 0.355 ng  
 RT: 19.989 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BN022494.D  
 Acq: 04 Nov 2022 02:43

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB148780BL

Tgt Ion:244 Resp: 10295  
 Ion Ratio Lower Upper  
 244 100  
 212 9.5 7.8 11.8  
 122 0.0 0.0 0.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.005 min Scan# 3075  
 Delta R.T. -0.009 min  
 Lab File: BN022494.D  
 Acq: 04 Nov 2022 02:43

Tgt Ion:264 Resp: 8415  
 Ion Ratio Lower Upper  
 264 100  
 260 27.4 22.4 33.6  
 265 63.0 44.4 66.6

