

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
 Data File : BF079095.D  
 Acq On : 9 May 2015 22:18  
 Operator : TP/IZ  
 Sample : G2087-07  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B4-0-2

Quant Time: May 11 02:38:33 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 11 01:50:36 2015  
 Response via : Initial Calibration

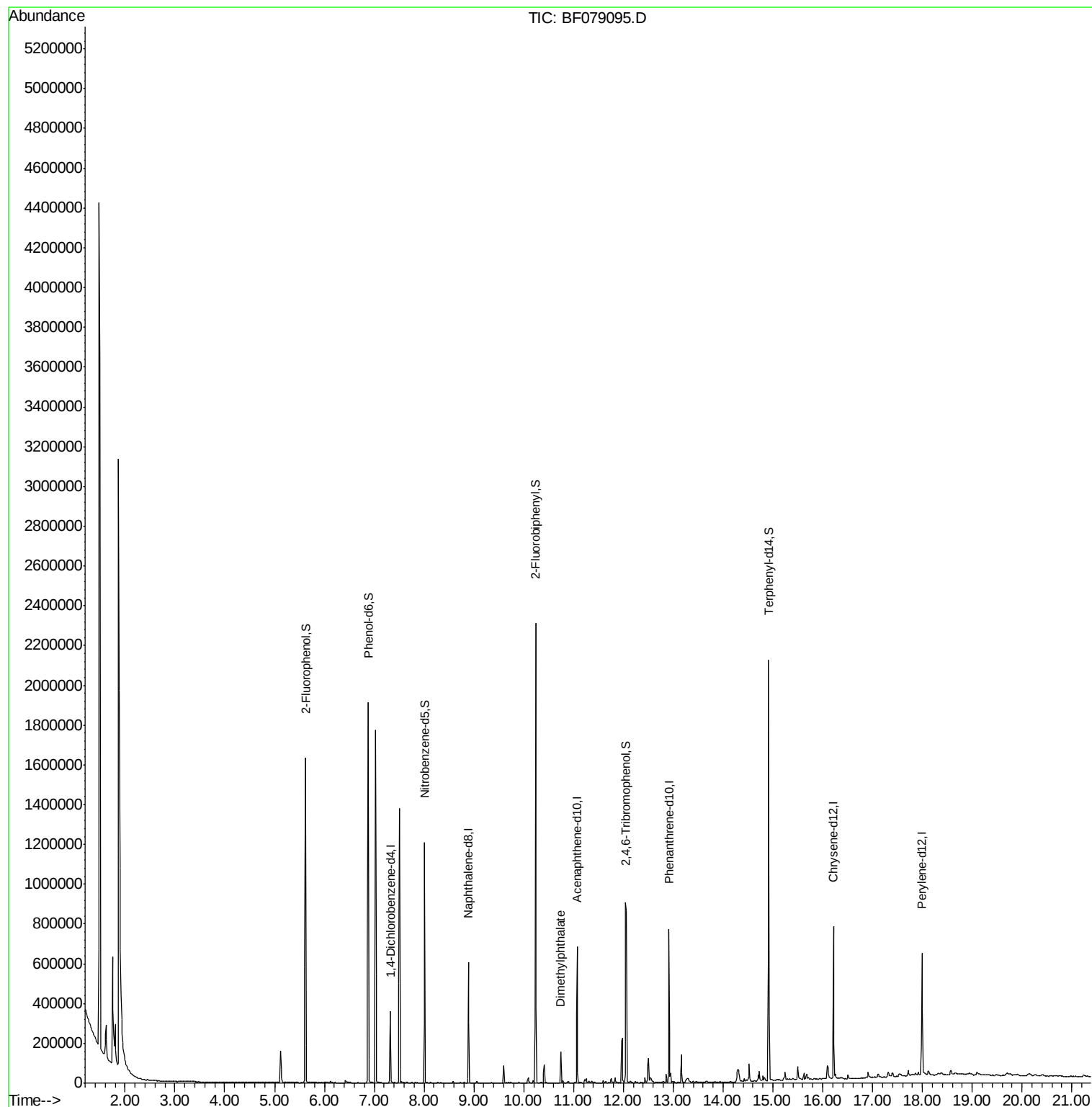
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 76792    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.89  | 136  | 322564   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 11.07 | 164  | 162618   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 12.91 | 188  | 299626   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 16.22 | 240  | 288265   | 20.00  | ng    | 0.01          |
| 86) Perylene-d12            | 17.99 | 264  | 286585   | 20.00  | ng    | 0.07          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.62  | 112  | 493128   | 110.54 | ng    | 0.00          |
| 7) Phenol-d6                | 6.88  | 99   | 670191   | 113.65 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.01  | 82   | 374252   | 66.68  | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 12.06 | 330  | 171887   | 97.71  | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 10.24 | 172  | 684637   | 58.66  | ng    | 0.00          |
| 78) Terphenyl-d14           | 14.91 | 244  | 721437   | 59.92  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 10.74 | 163  | 63013    | 5.28   | ng    | Qvalue<br>100 |

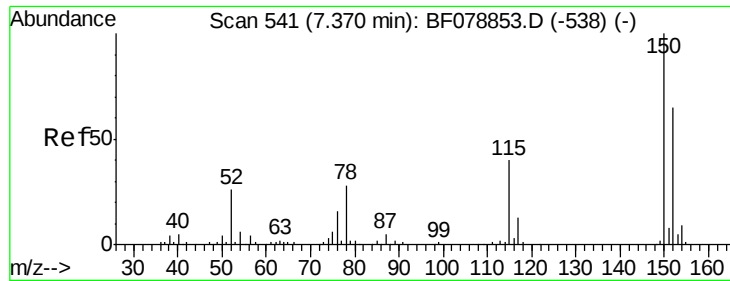
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



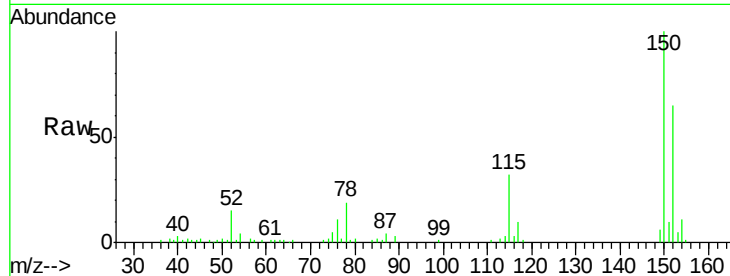


#1

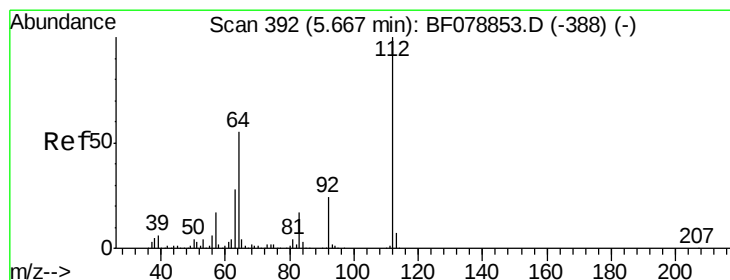
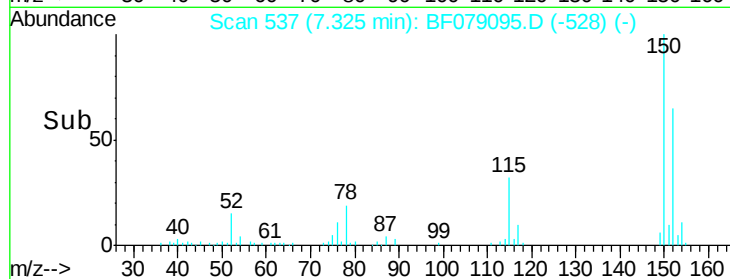
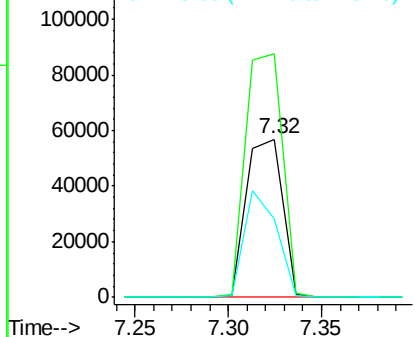
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.32 min Scan# 537  
Delta R.T. -0.00 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

Instrument :  
BNA\_F  
ClientSampleId :  
B4-0-2

Tot Ion:152 Resp: 76792  
Ion Ratio Lower Upper  
152 100  
150 153.8 122.0 183.0  
115 49.8 46.3 69.5



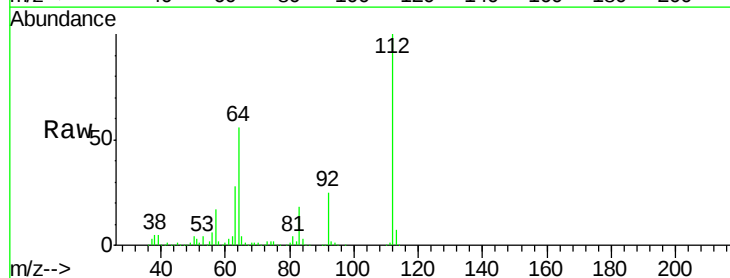
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



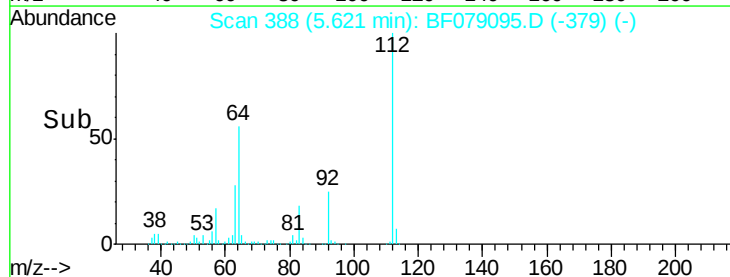
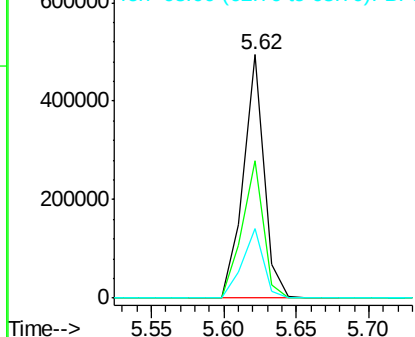
#5

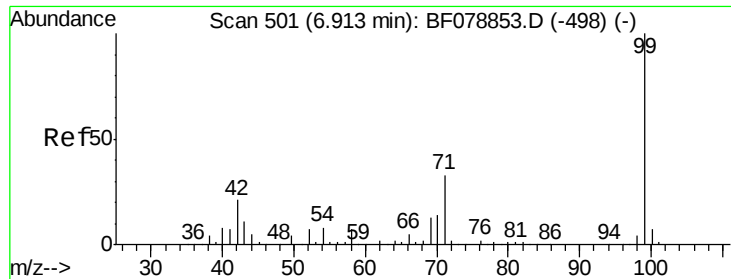
2-Fluorophenol  
Concen: 110.54 ng  
RT: 5.62 min Scan# 388  
Delta R.T. -0.00 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

Tgt Ion:112 Resp: 493128  
Ion Ratio Lower Upper  
112 100  
64 56.4 53.5 80.3  
63 28.3 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.65 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Instrument :

BNA\_F

ClientSampleId :

B4-0-2

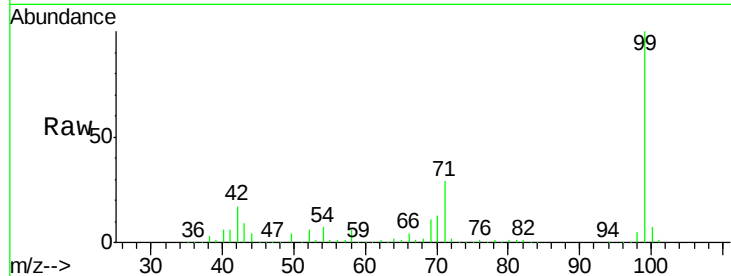
Tot Ion: 99 Resp: 670191

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

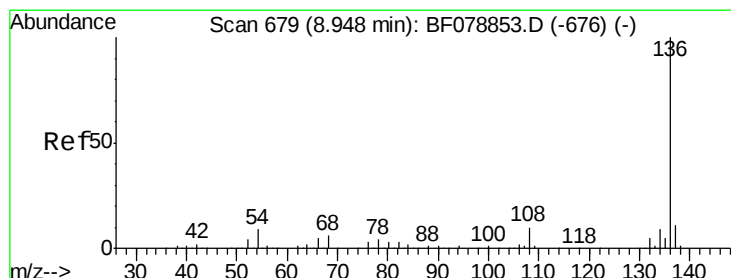
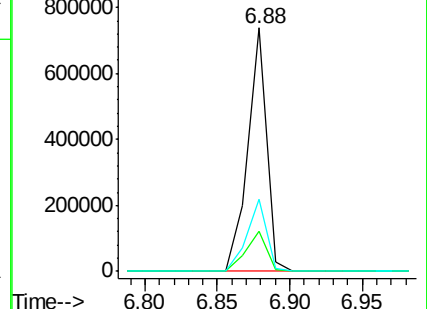
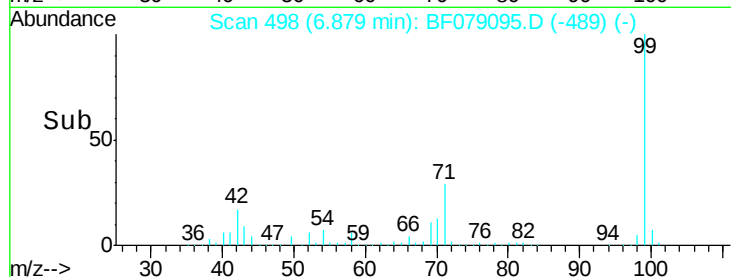
71 29.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Tgt Ion: 136 Resp: 322564

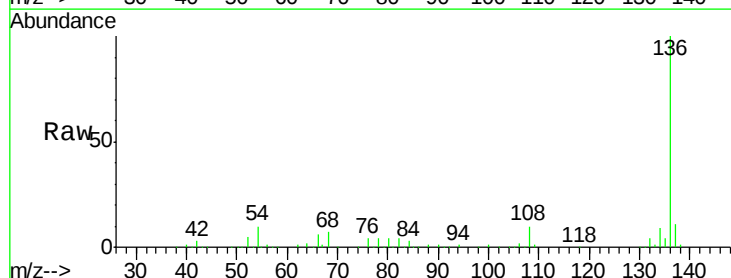
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.7 5.8 8.8#

68 6.9 4.2 6.4#

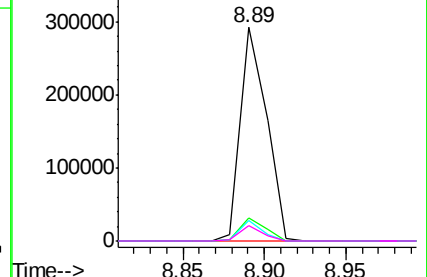
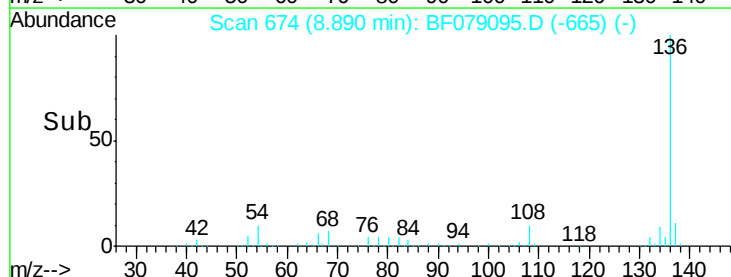


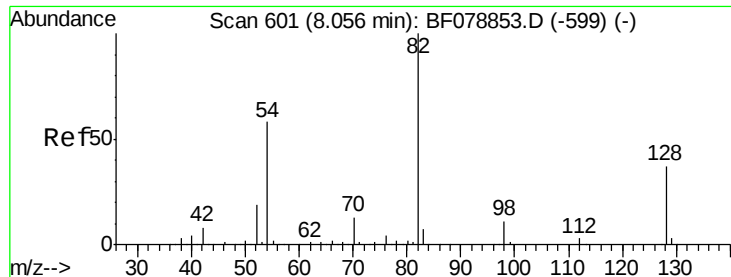
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

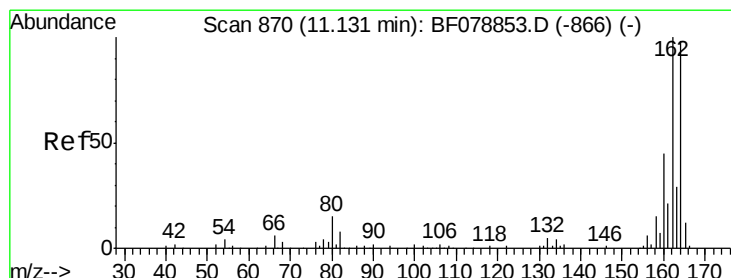
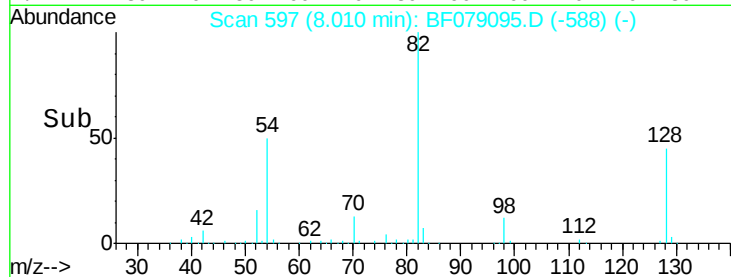
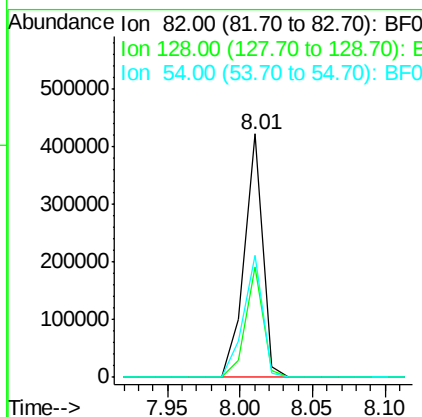
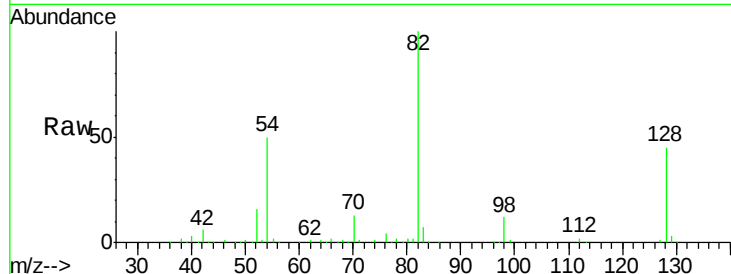




#23  
 Nitrobenzene-d5  
 Concen: 66.68 ng  
 RT: 8.01 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: BF079095.D  
 Acq: 9 May 2015 22:18

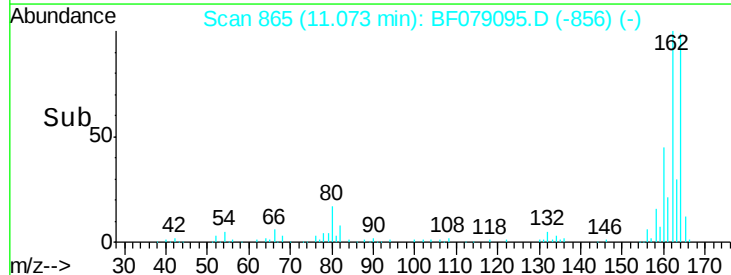
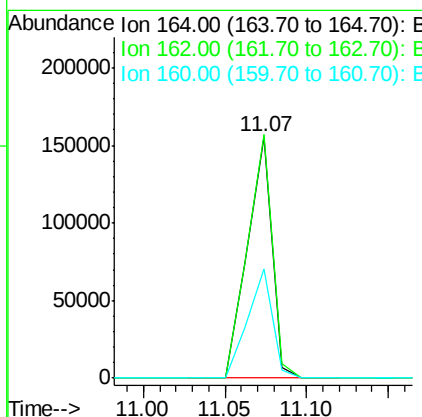
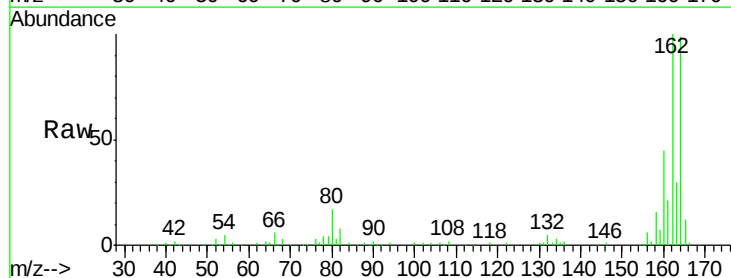
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B4-0-2

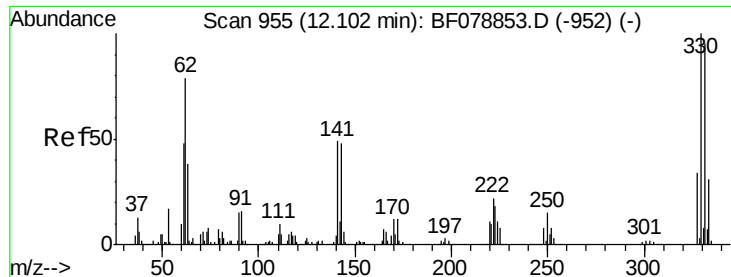
Tot Ion: 82 Resp: 374252  
 Ion Ratio Lower Upper  
 82 100  
 128 45.4 30.0 45.0#  
 54 50.1 46.4 69.6



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.07 min Scan# 865  
 Delta R.T. -0.00 min  
 Lab File: BF079095.D  
 Acq: 9 May 2015 22:18

Tgt Ion:164 Resp: 162618  
 Ion Ratio Lower Upper  
 164 100  
 162 100.8 82.7 124.1  
 160 45.4 35.8 53.8

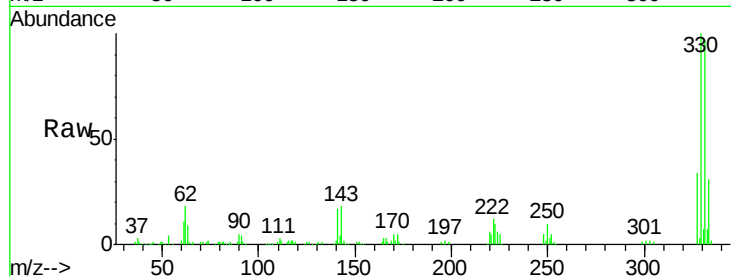




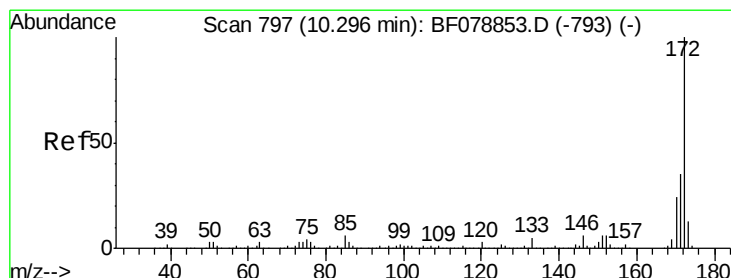
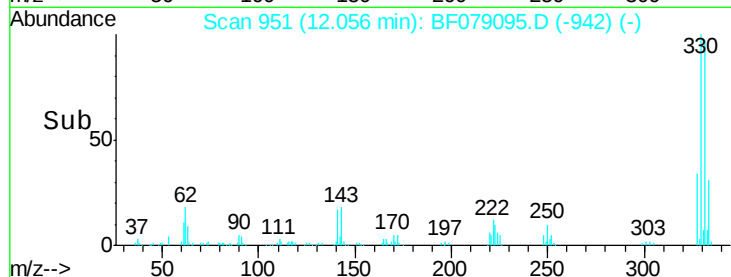
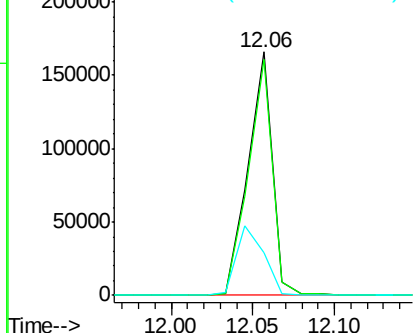
#41  
 2,4,6-Tribromophenol  
 Concen: 97.71 ng  
 RT: 12.06 min Scan# 951  
 Delta R.T. -0.00 min  
 Lab File: BF079095.D  
 Acq: 9 May 2015 22:18

Instrument :  
 BNA\_F  
 ClientSampled :  
 B4-0-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 0.0   | 0.0#  |
| 141     | 31.9  | 0.0   | 0.0#  |

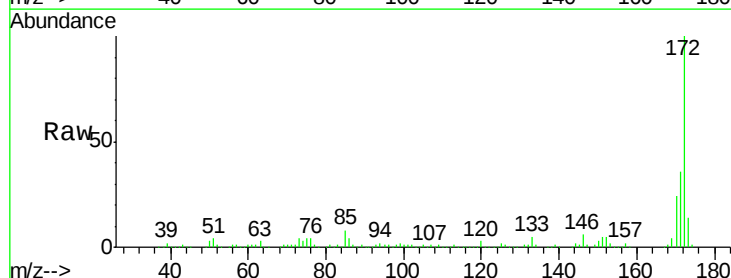


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

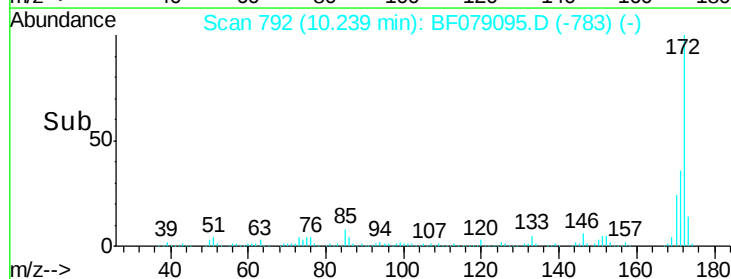
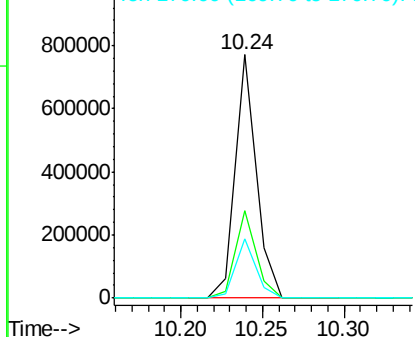


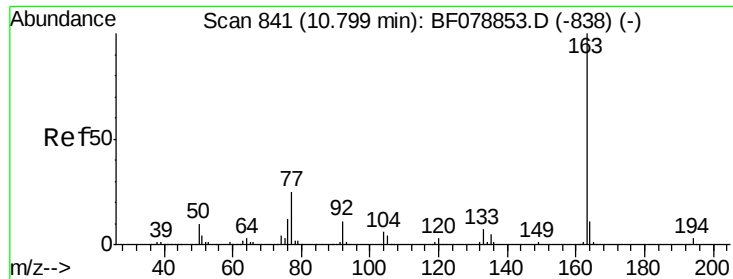
#44  
 2-Fluorobiphenyl  
 Concen: 58.66 ng  
 RT: 10.24 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF079095.D  
 Acq: 9 May 2015 22:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 27.9  | 41.9  |
| 170     | 24.2  | 19.4  | 29.0  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

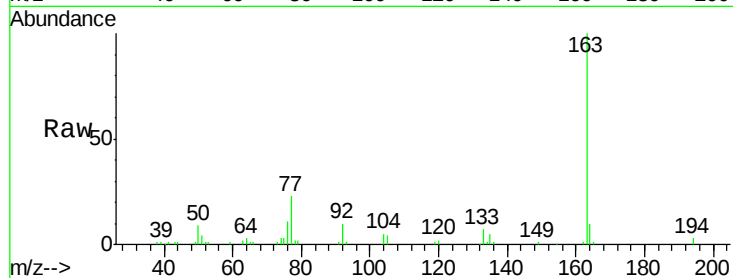




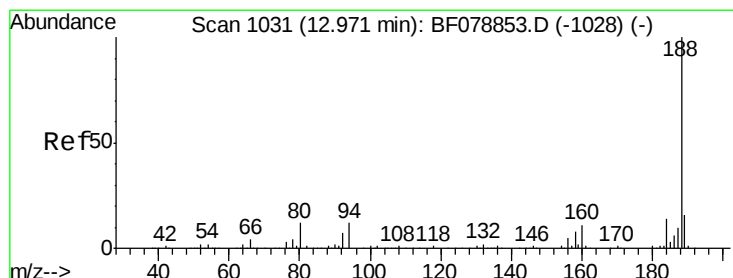
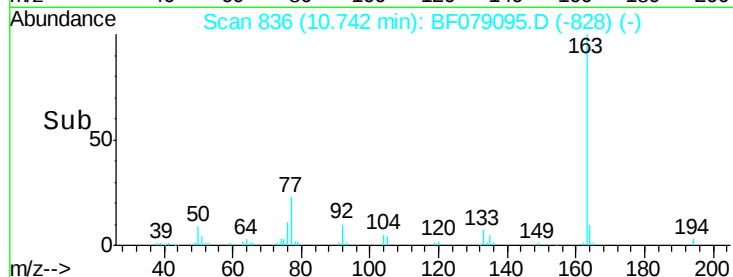
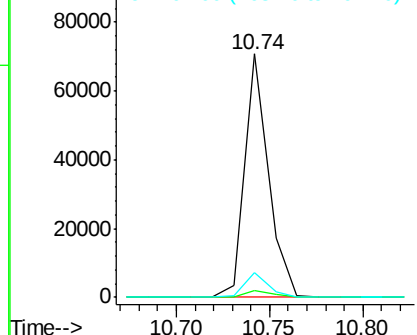
#49  
Dimethylphthalate  
Concen: 5.28 ng  
RT: 10.74 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

Instrument :  
BNA\_F  
ClientSampleId :  
B4-0-2

Tot Ion:163 Resp: 63013  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.6 4.0  
164 10.1 8.1 12.1

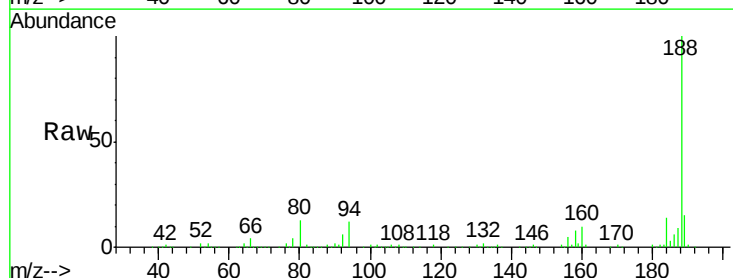


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

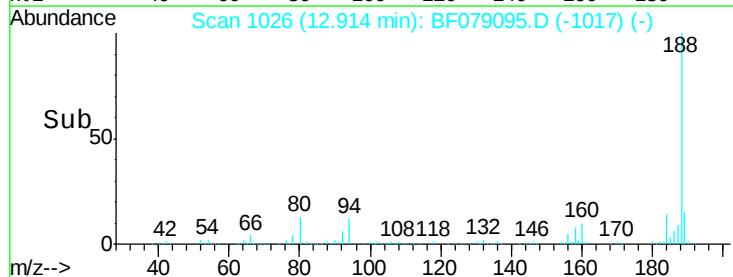
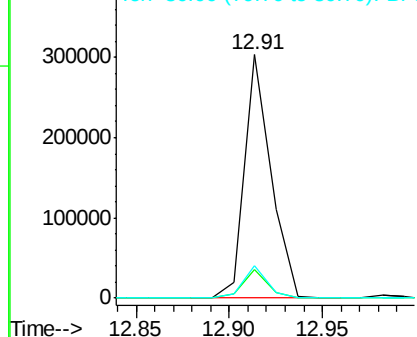


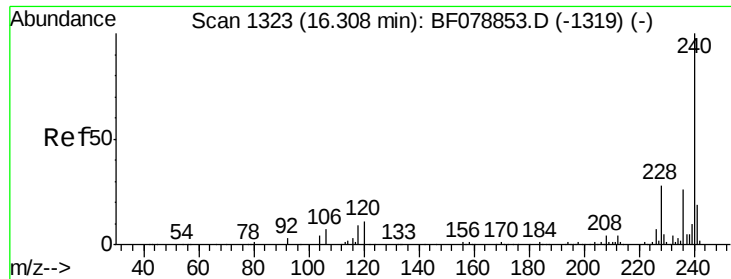
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.91 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

Tgt Ion:188 Resp: 299626  
Ion Ratio Lower Upper  
188 100  
94 11.7 8.2 12.2  
80 13.1 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

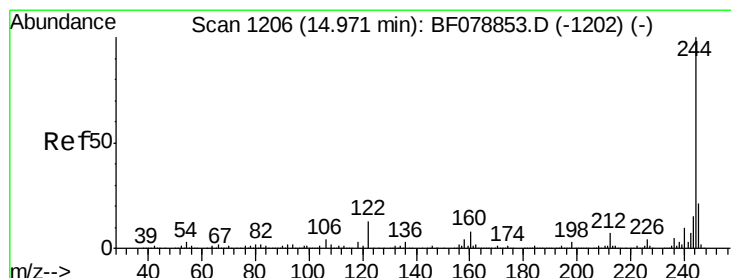
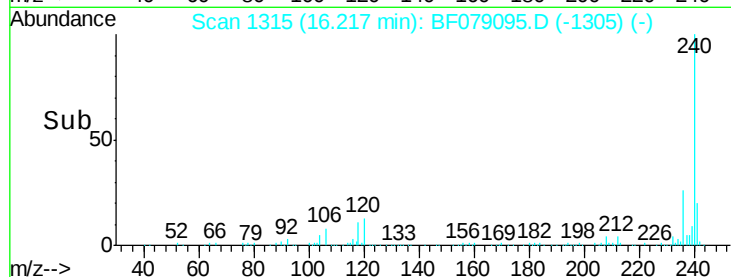
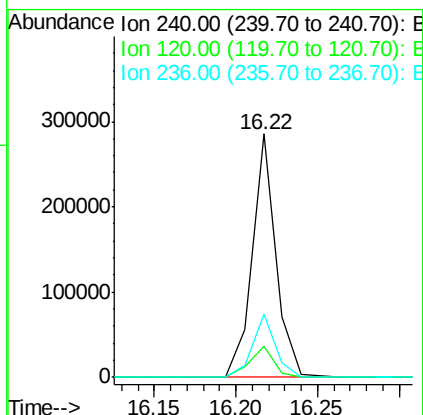
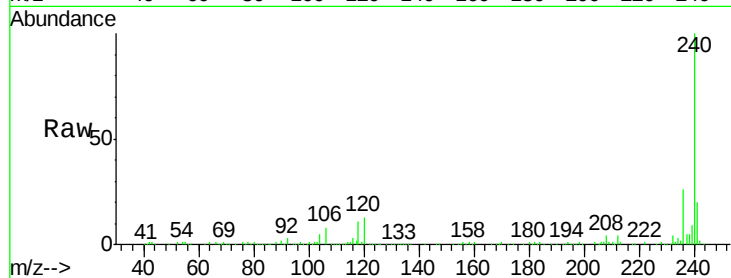




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.22 min Scan# 1315  
Delta R.T. 0.01 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

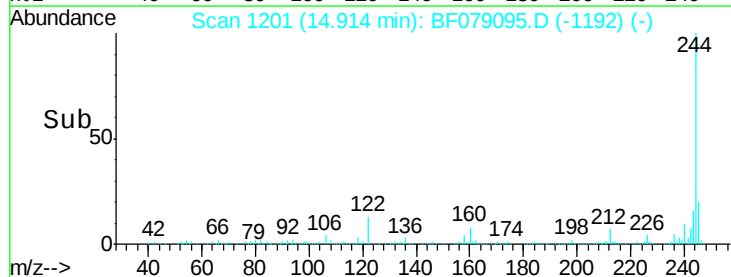
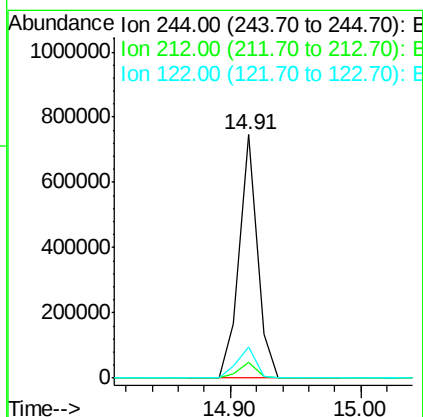
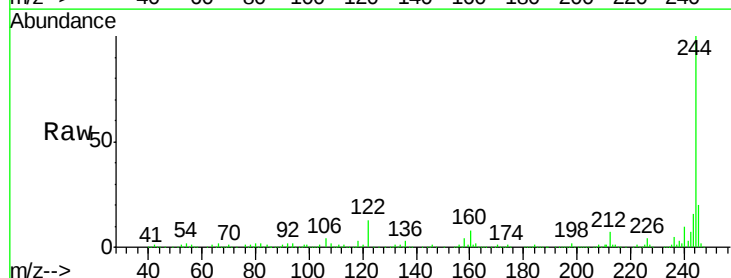
Instrument :  
BNA\_F  
ClientSampleId :  
B4-0-2

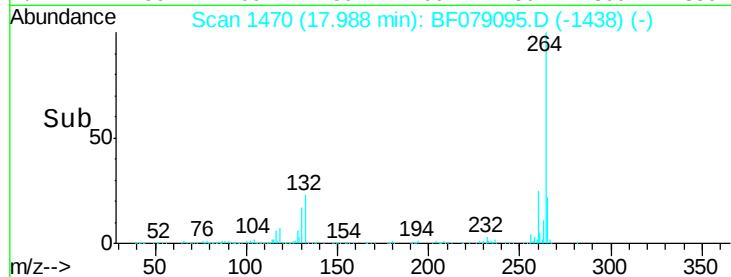
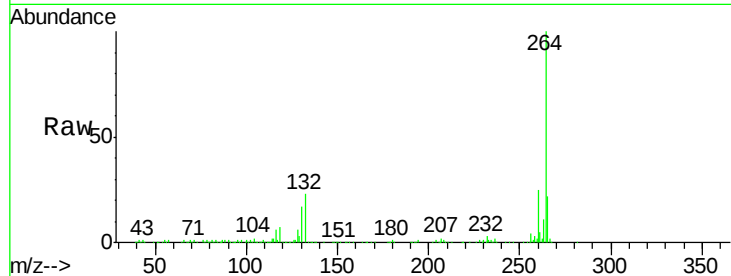
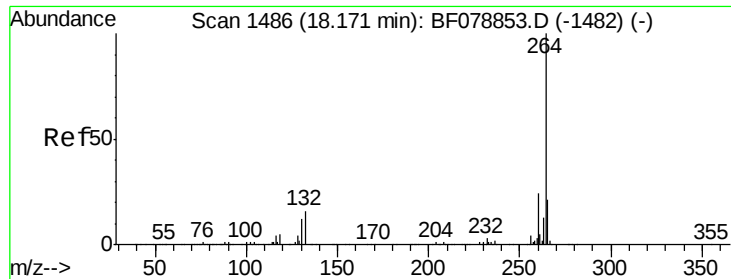
Tot Ion:240 Resp: 288265  
Ion Ratio Lower Upper  
240 100  
120 12.5 9.7 14.5  
236 25.7 20.2 30.4



#78  
Terphenyl-d14  
Concen: 59.92 ng  
RT: 14.91 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: BF079095.D  
Acq: 9 May 2015 22:18

Tgt Ion:244 Resp: 721437  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.6 8.4  
122 12.7 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.99 min Scan# 1470

Delta R.T. 0.07 min

Lab File: BF079095.D

Acq: 9 May 2015 22:18

Instrument :

BNA\_F

ClientSampleId :

B4-0-2

Tot Ion: 264 Resp: 286585

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 21.6 18.3 27.5

