

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\  
 Data File : BF103630.D  
 Acq On : 14 Mar 2018 5:02  
 Operator : SJ/JU  
 Sample : J1894-03  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

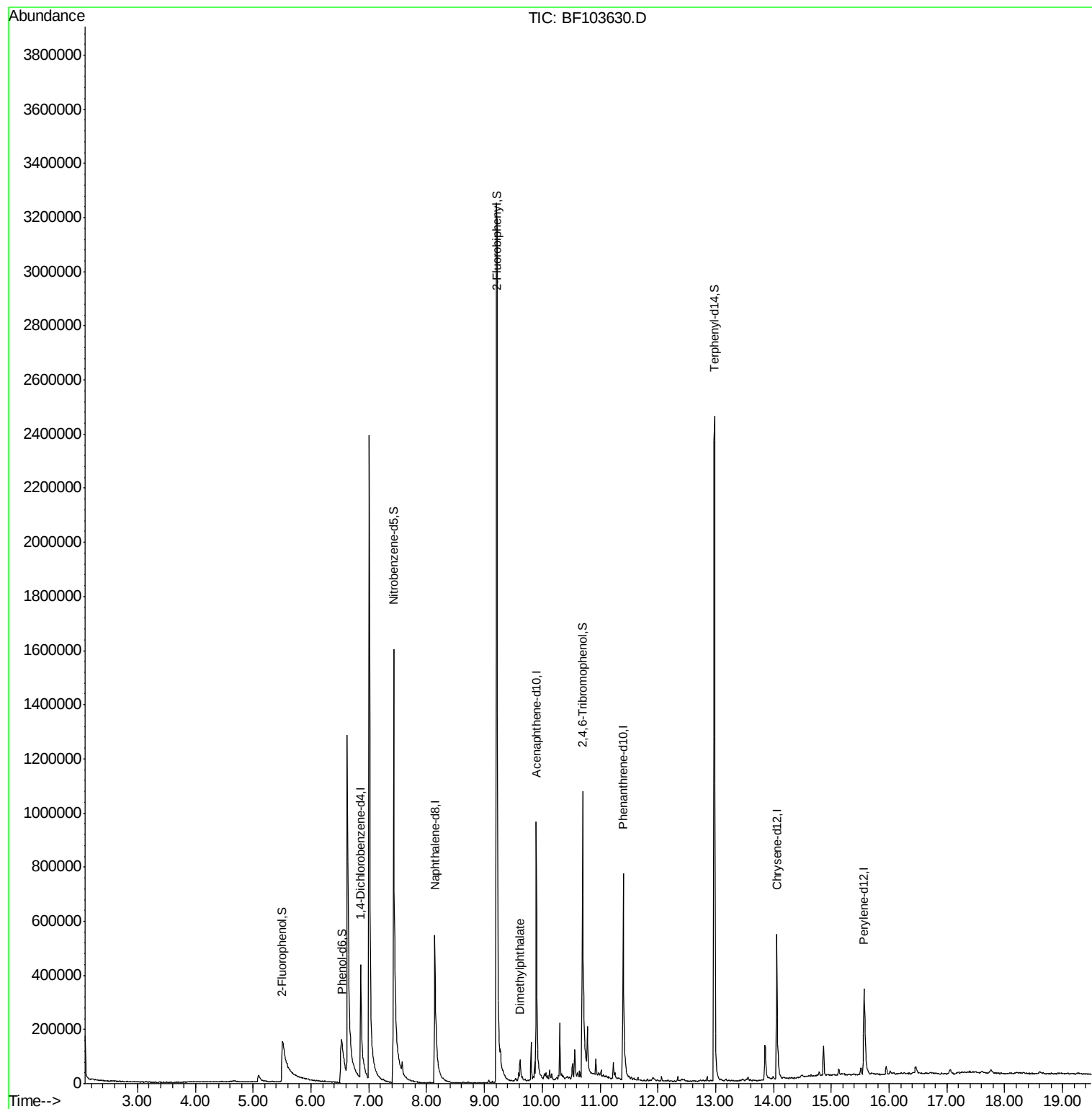
Quant Time: Mar 14 11:18:29 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 09 11:47:13 2018  
 Response via : Initial Calibration

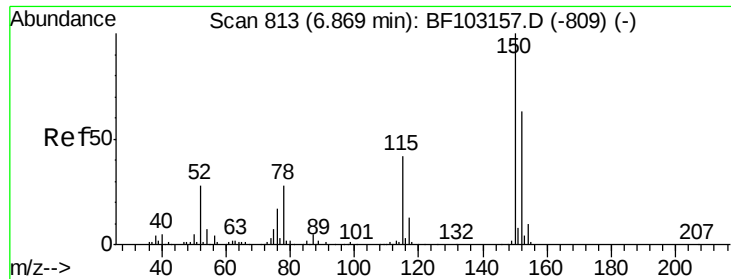
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 130996   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.14  | 136  | 584497   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.90  | 164  | 260992   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.40 | 188  | 444357   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.06 | 240  | 239987   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.57 | 264  | 225006   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.51  | 112  | 265279   | 30.63  | ng    | 0.02     |
| 7) Phenol-d6                | 6.53  | 99   | 257483   | 24.29  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 1008180  | 98.50  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 169216   | 76.60  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 1471008  | 101.69 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.98 | 244  | 989829   | 99.15  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.62  | 163  | 45601    | 2.178  | ng    | 99       |

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

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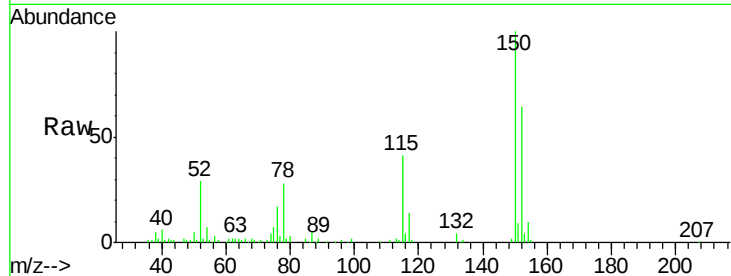




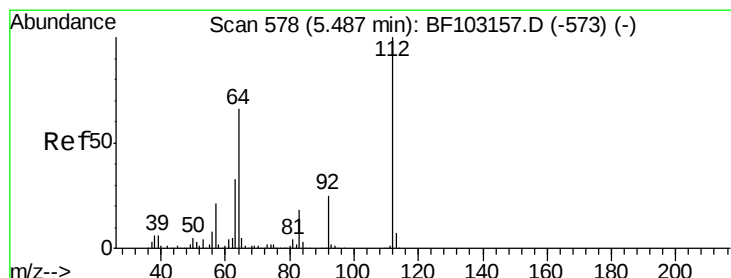
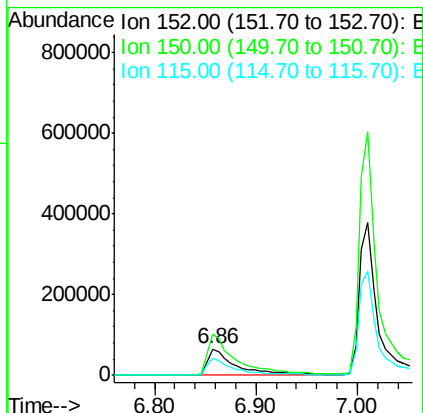
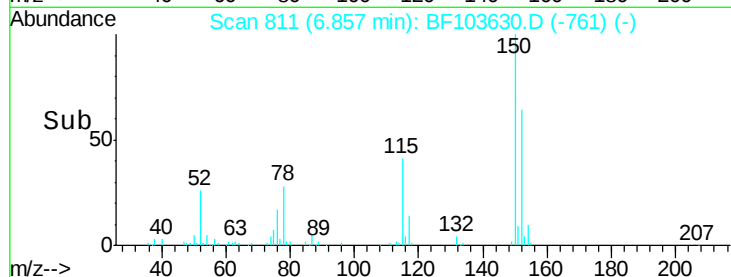
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 124.6 | 186.8 |
| 115     | 64.0  | 50.1  | 75.1  |



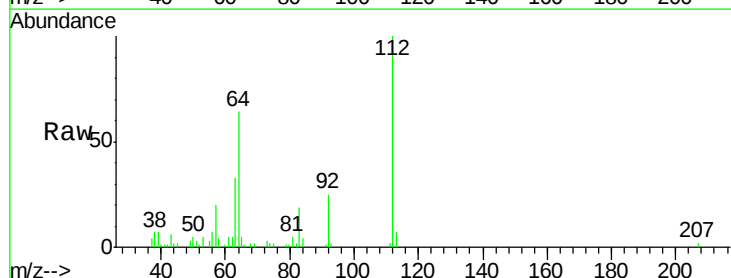
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



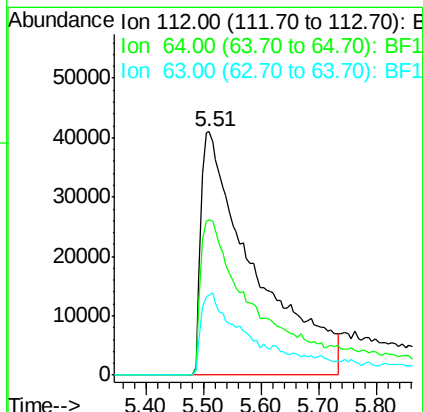
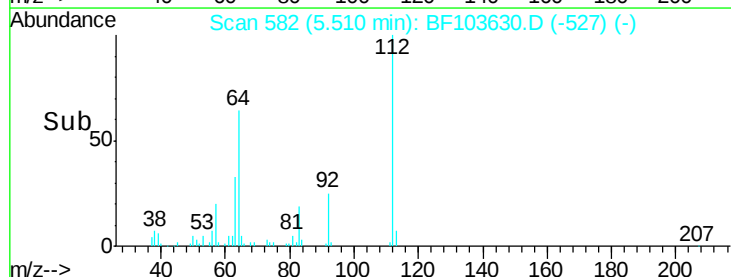
#5

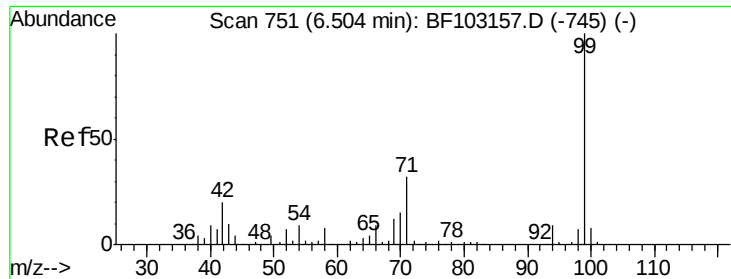
2-Fluorophenol  
Concen: 30.628 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.02 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.6  | 47.9  | 71.9  |
| 63      | 32.6  | 23.7  | 35.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.295 ng

RT: 6.53 min Scan# 755

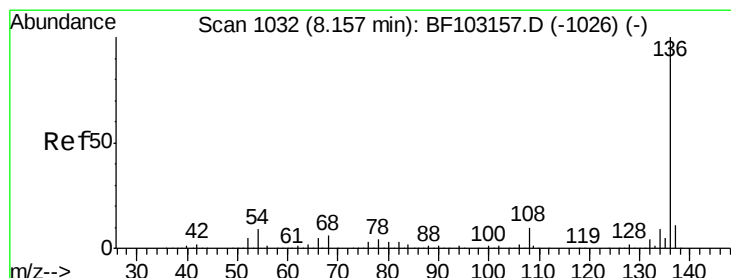
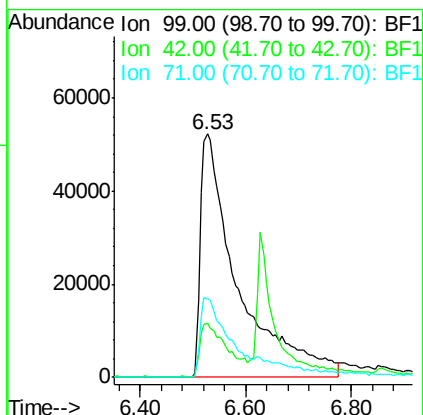
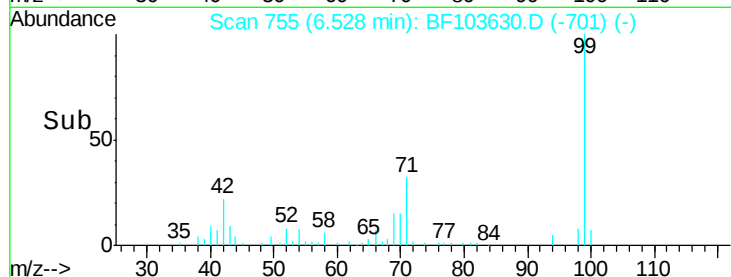
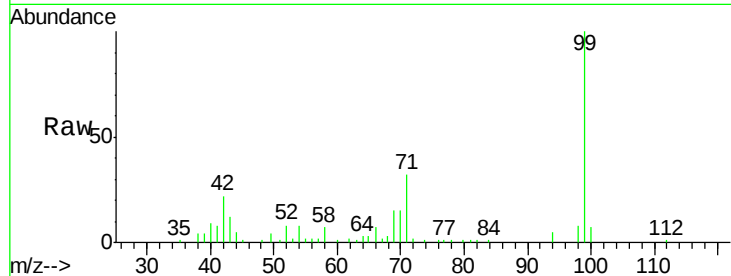
Delta R.T. 0.02 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

Tot Ion: 99 Resp: 257483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.3  | 14.5  | 21.7# |
| 71  | 32.1  | 25.4  | 38.0  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

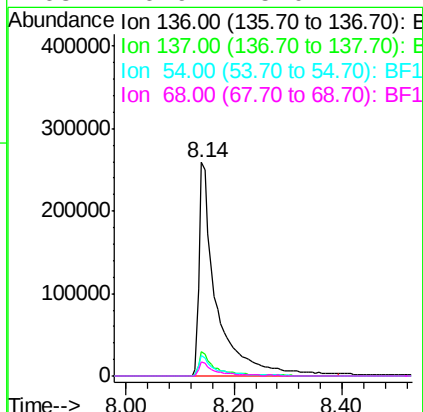
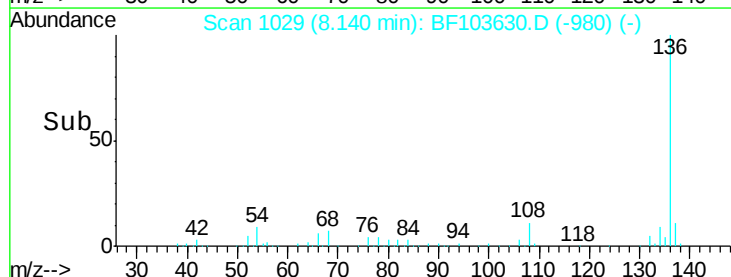
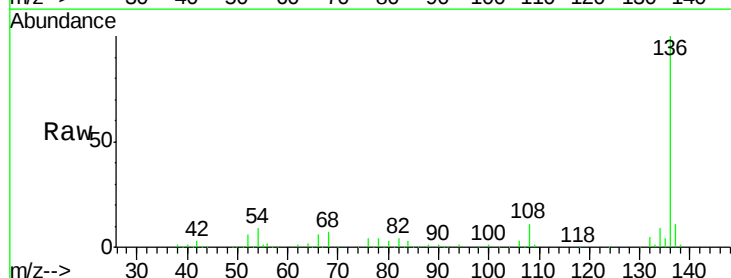
Delta R.T. -0.01 min

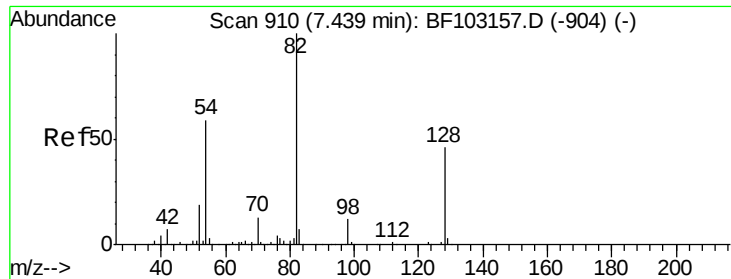
Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

Tgt Ion: 136 Resp: 584497

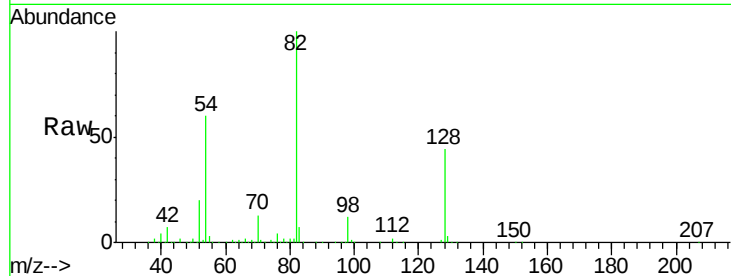
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 9.5   | 6.6   | 9.8   |
| 68  | 6.9   | 5.0   | 7.4   |



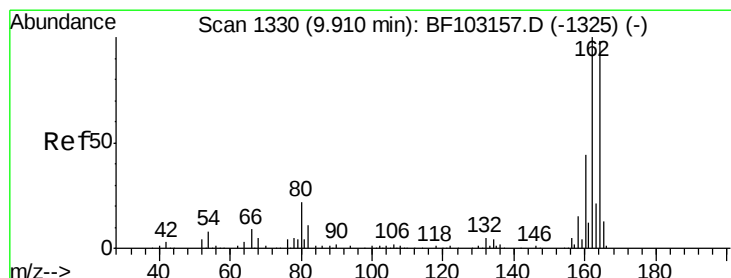
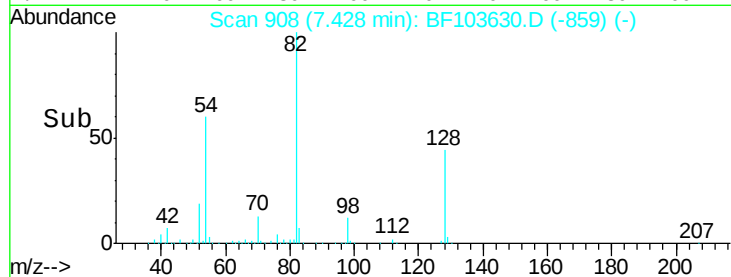
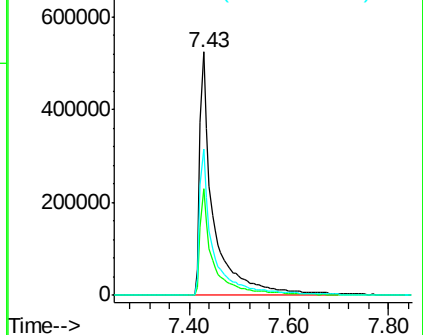


#23  
Nitrobenzene-d5  
Concen: 98.504 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

Tot Ion: 82 Resp: 1008180  
Ion Ratio Lower Upper  
82 100  
128 43.6 36.1 54.1  
54 59.9 41.4 62.2

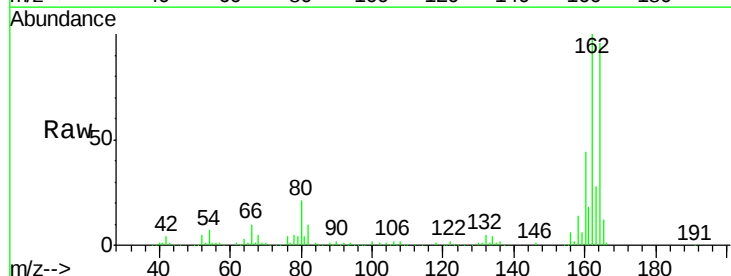


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

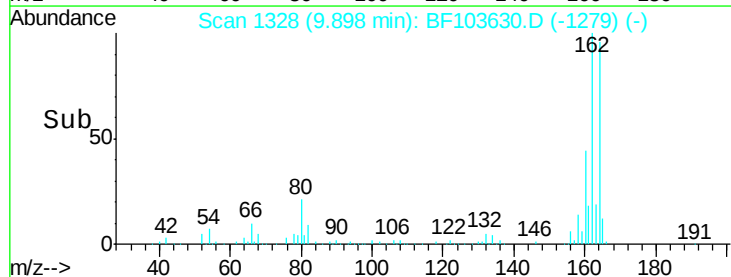
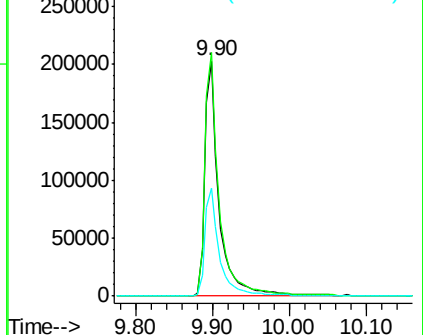


#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

Tgt Ion:164 Resp: 260992  
Ion Ratio Lower Upper  
164 100  
162 103.7 86.1 129.1  
160 46.1 38.3 57.5



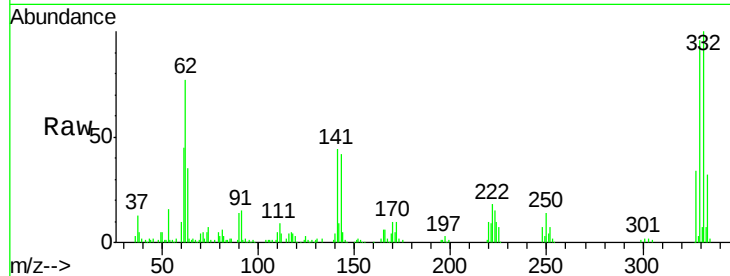
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



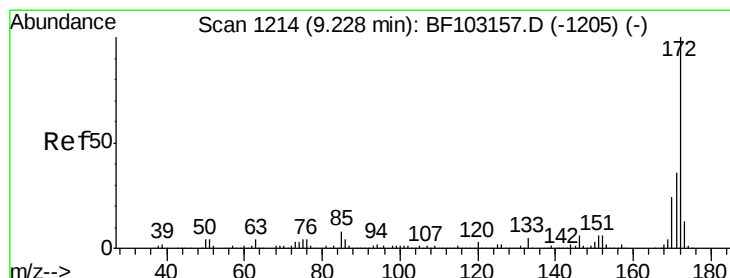
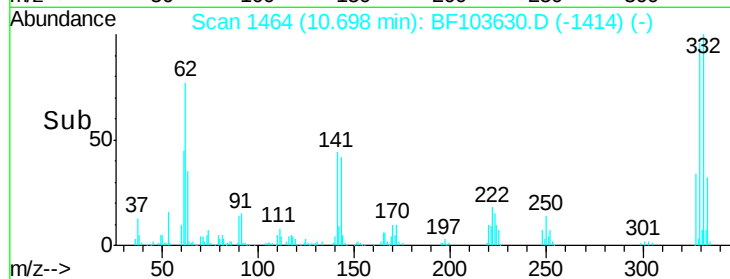
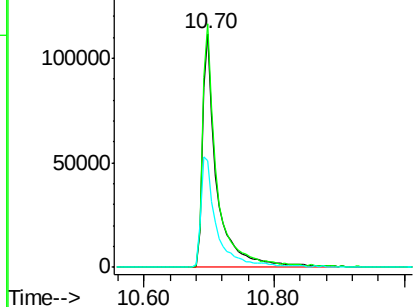


#41  
 2,4,6-Tribromophenol  
 Concen: 76.598 ng  
 RT: 10.70 min Scan# 1464  
 Delta R.T. -0.01 min  
 Lab File: BF103630.D  
 Acq: 14 Mar 2018 5:02

Tot Ion:330 Resp: 169216  
 Ion Ratio Lower Upper  
 330 100  
 332 102.9 77.0 115.6  
 141 51.7 29.9 44.9#

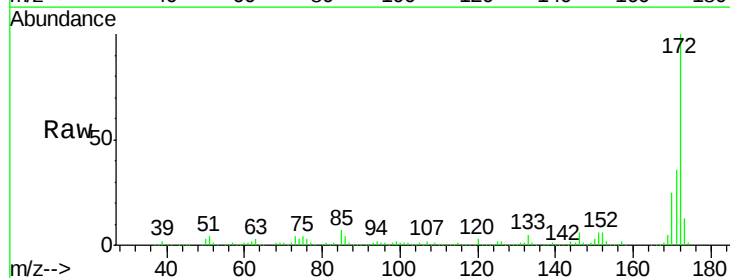


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

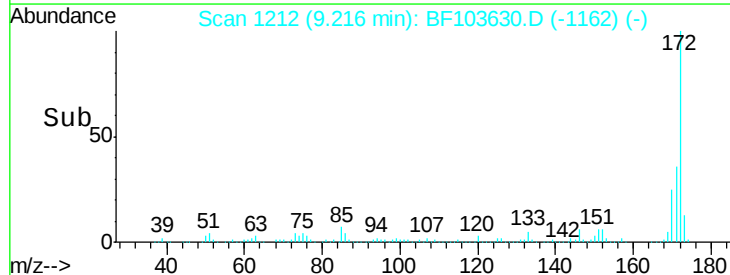
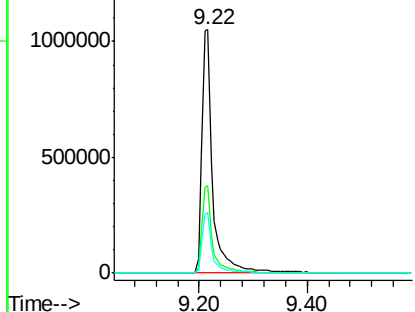


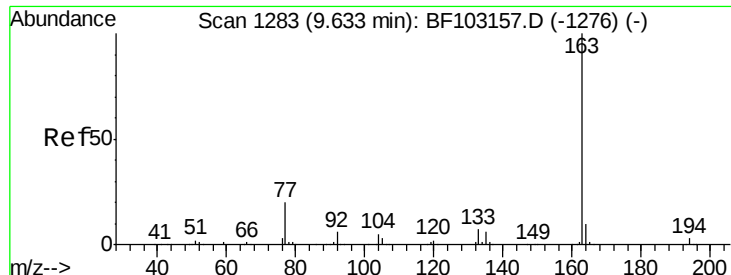
#44  
 2-Fluorobiphenyl  
 Concen: 101.686 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF103630.D  
 Acq: 14 Mar 2018 5:02

Tgt Ion:172 Resp: 1471008  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.7 44.5  
 170 24.8 19.6 29.4



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: 2.178 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

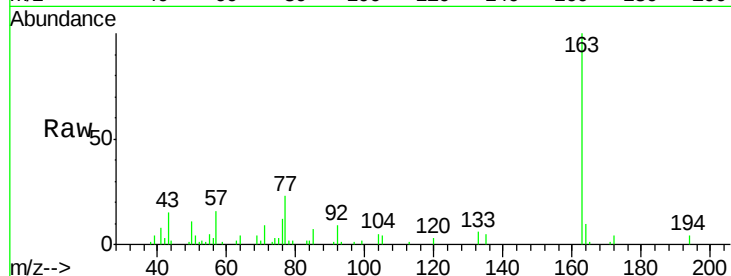
Tot Ion:163 Resp: 45601

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

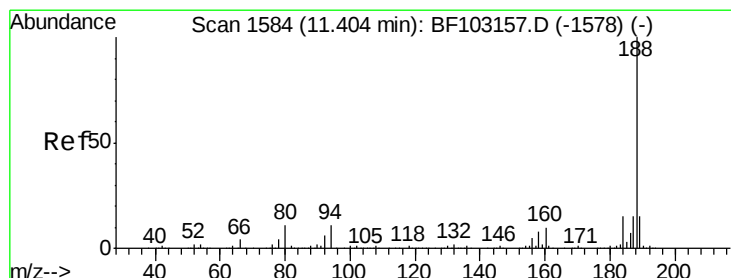
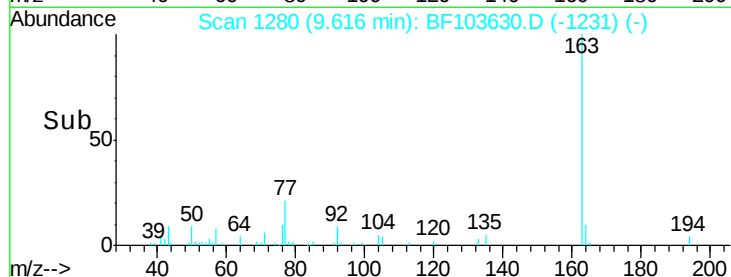
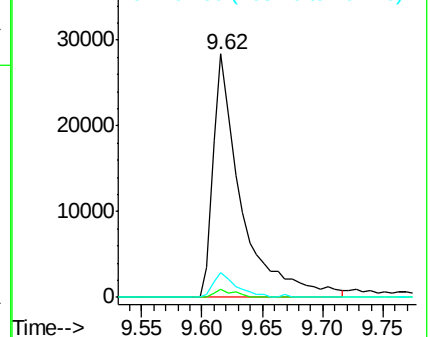
164 10.0 8.2 12.2



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: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

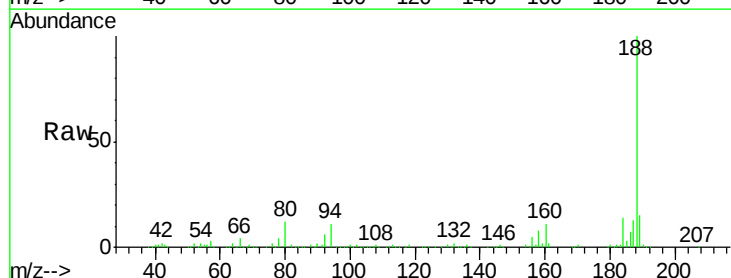
Tgt Ion:188 Resp: 444357

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

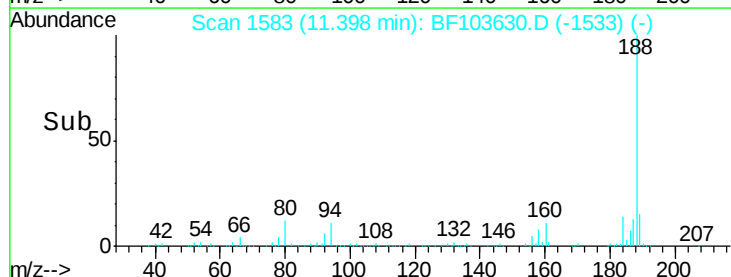
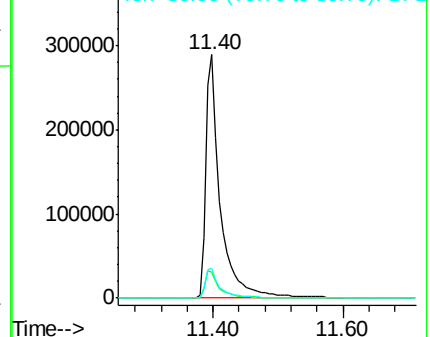
80 12.1 9.2 13.8

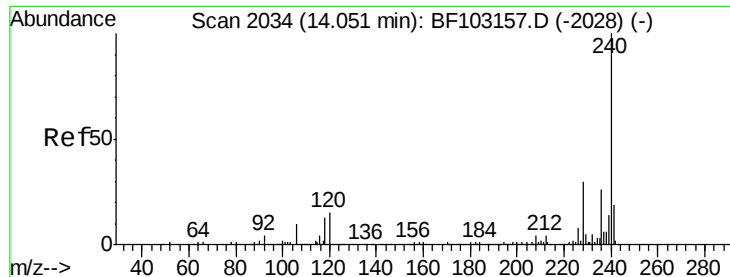


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

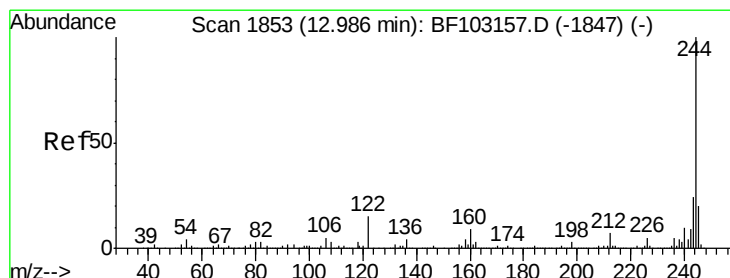
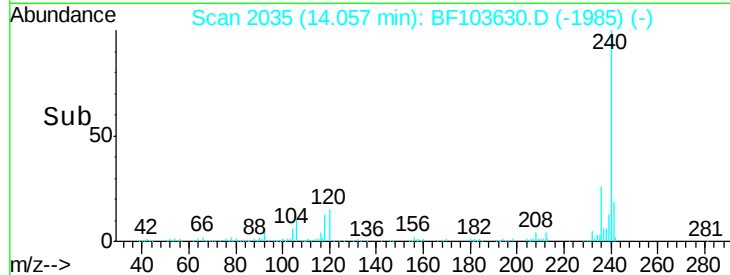
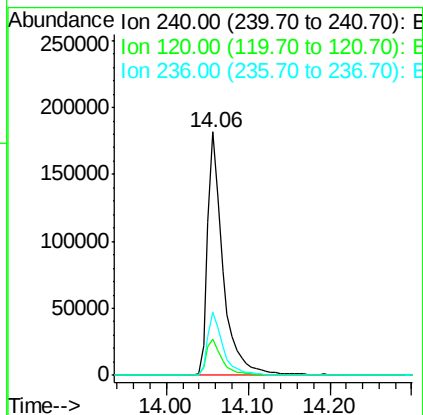
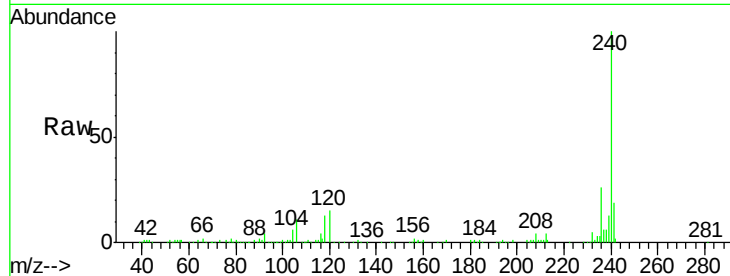
Ion 80.00 (79.70 to 80.70): BF1





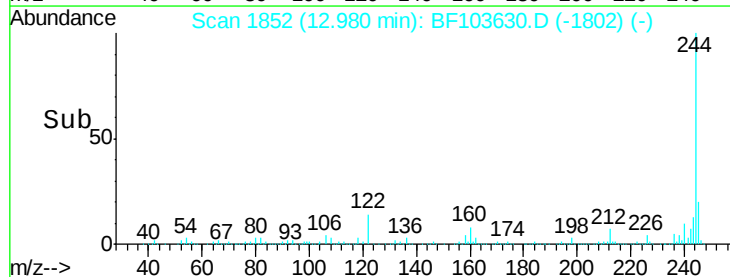
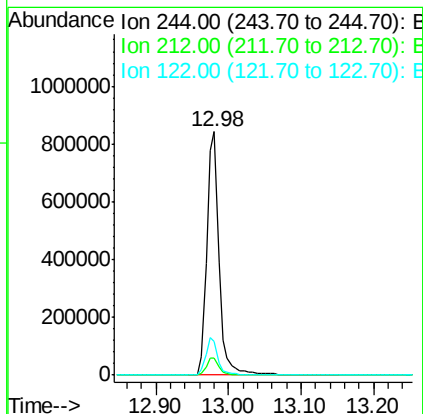
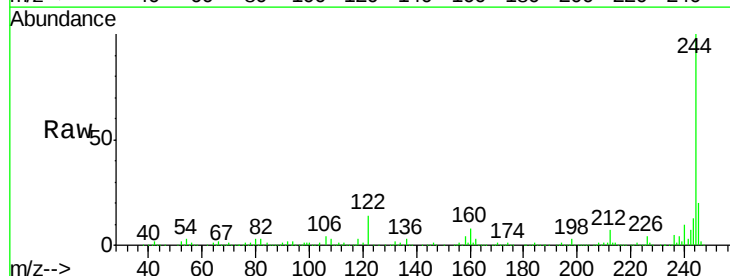
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

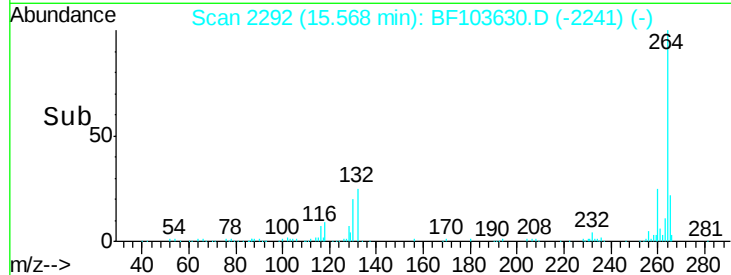
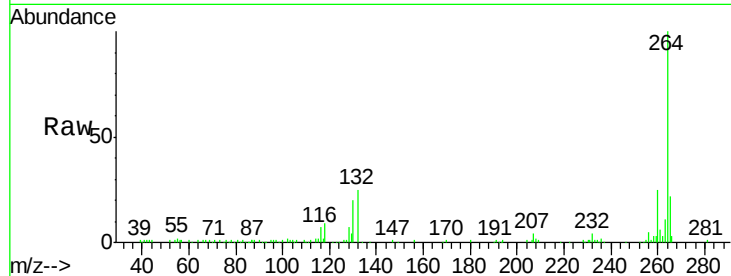
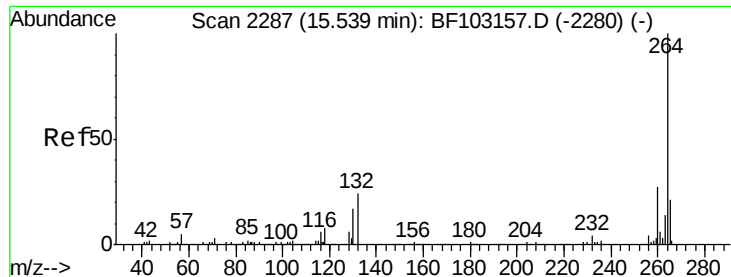
Tot Ion:240 Resp: 239987  
Ion Ratio Lower Upper  
240 100  
120 15.0 9.5 14.3#  
236 26.1 20.7 31.1



#78  
Terphenyl-d14  
Concen: 99.148 ng  
RT: 12.98 min Scan# 1852  
Delta R.T. -0.01 min  
Lab File: BF103630.D  
Acq: 14 Mar 2018 5:02

Tgt Ion:244 Resp: 989829  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.0  
122 14.0 11.0 16.4





#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.57 min Scan# 2292  
 Delta R.T. 0.00 min  
 Lab File: BF103630.D  
 Acq: 14 Mar 2018 5:02

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:264 | Resp: | 225006    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.1  | 19.2 28.8 |
| 265         | 21.7  | 17.5 26.3 |

