

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\  
 Data File : BF109866.D  
 Acq On : 13 Oct 2018 6:26  
 Operator : JU/SJ  
 Sample : J5444-09  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 101018-DBRI-F-U-B

Quant Time: Oct 15 01:35:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

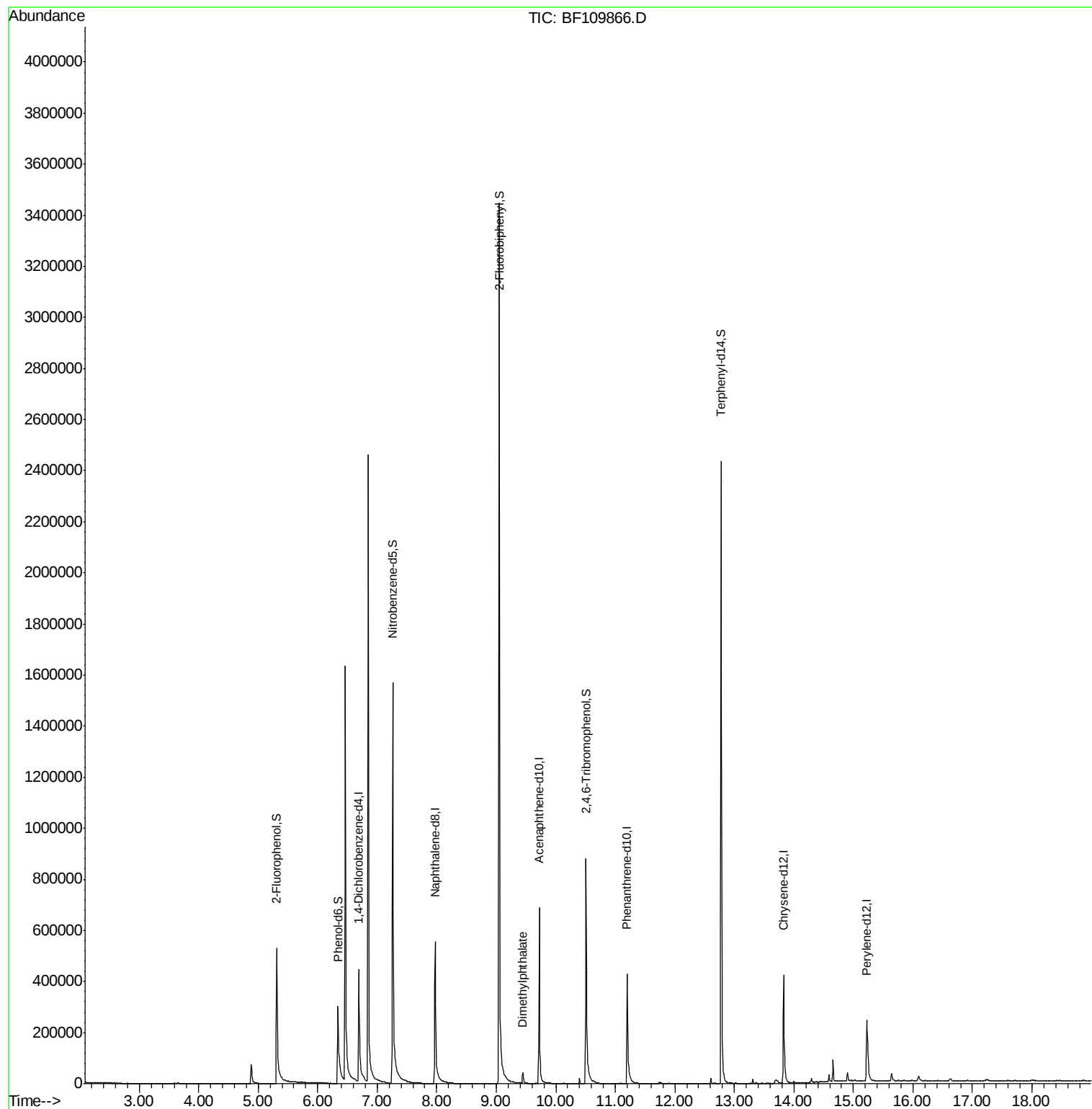
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 98006    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.97  | 136  | 398352   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.72  | 164  | 167220   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.20 | 188  | 267197   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 13.83 | 240  | 214388   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.23 | 264  | 162745   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.31  | 112  | 232485   | 42.11  | ng    | -0.01     |
| 7) Phenol-d6                | 6.34  | 99   | 219191   | 29.72  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 780508   | 108.01 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 165656   | 90.92  | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 1320739  | 108.78 | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.78 | 244  | 965225   | 87.16  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.45  | 163  | 29065    | 2.370  | ng    | Qvalue 99 |

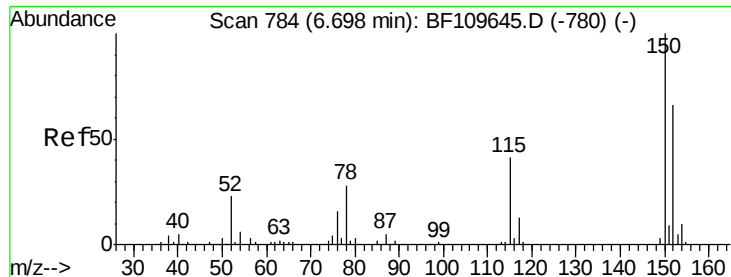
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



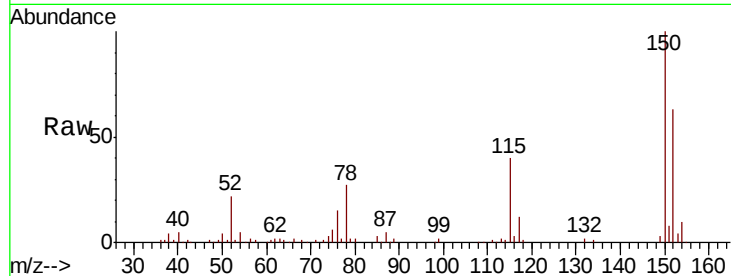


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 101018-DBRI-F-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 122.7 | 184.1 |
| 115     | 62.9  | 49.1  | 73.7  |

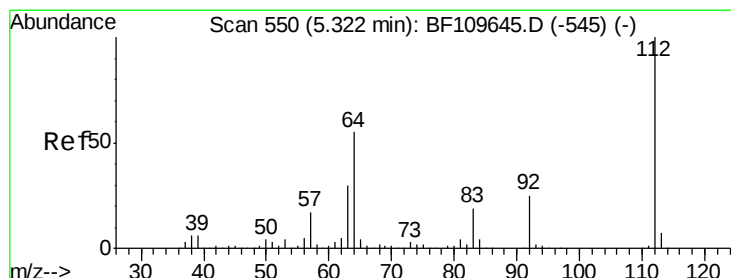
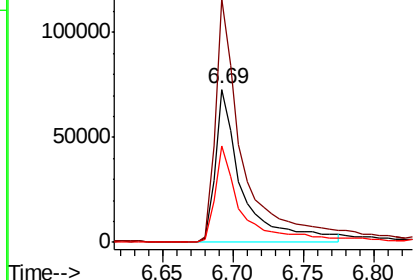
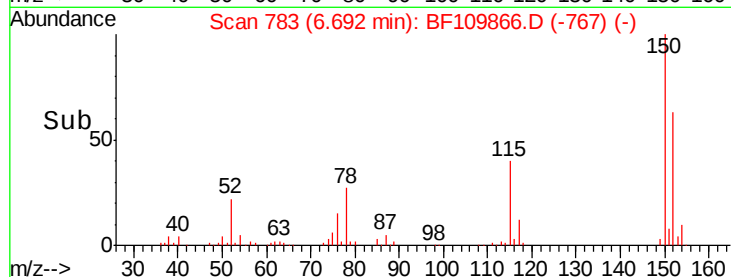


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

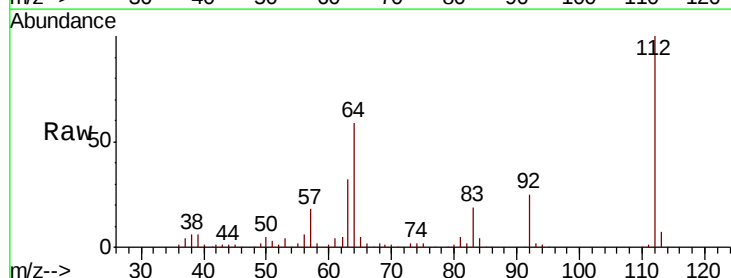
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 42.106 ng  
 RT: 5.31 min Scan# 548  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.4  | 44.1  | 66.1  |
| 63      | 32.2  | 23.7  | 35.5  |

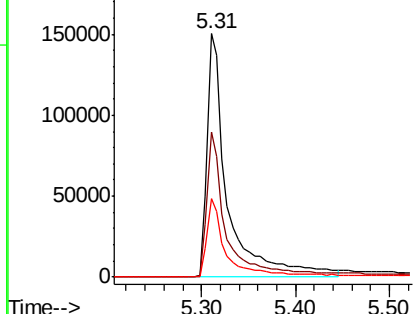
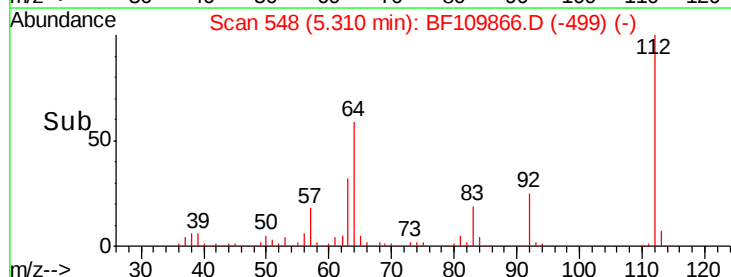


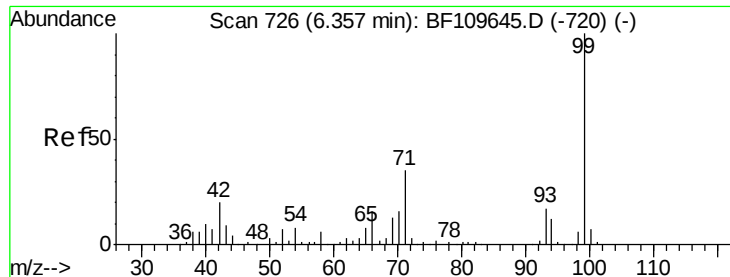
Abundance

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: 29.717 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

Instrument :

BNA\_F

ClientSampleId :

101018-DBRI-F-U-B

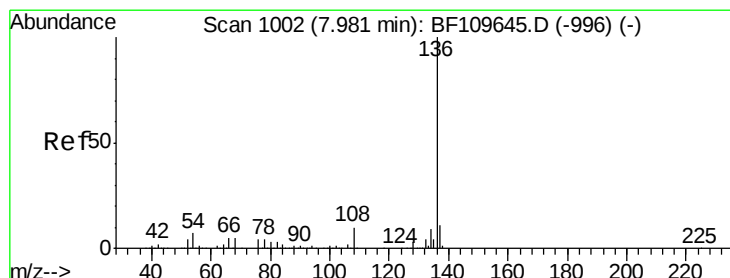
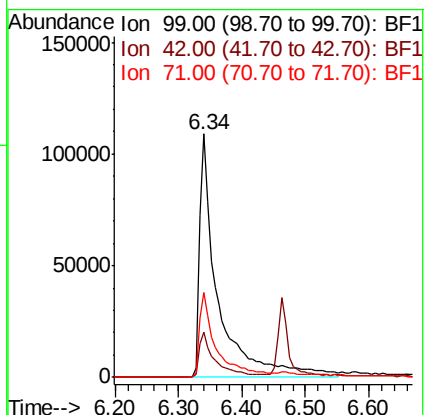
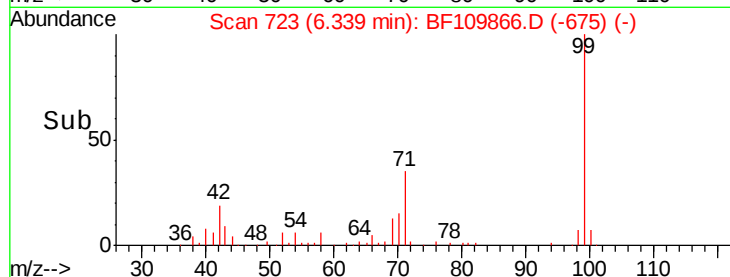
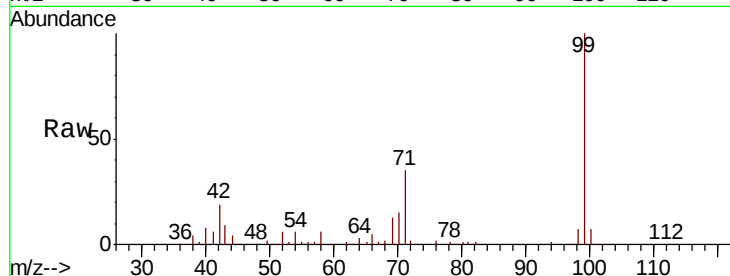
Tot Ion: 99 Resp: 219191

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

71 35.0 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

Tgt Ion: 136 Resp: 398352

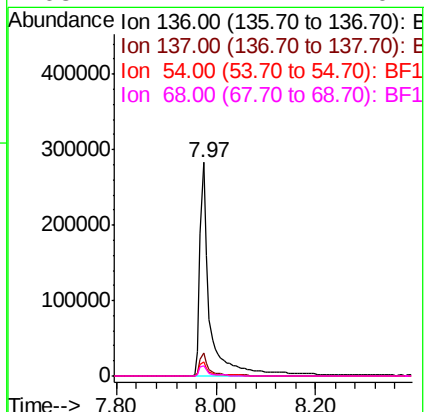
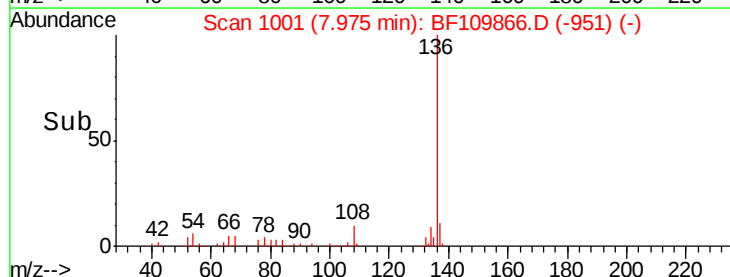
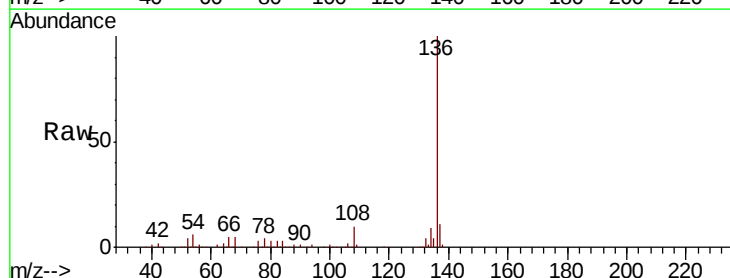
Ion Ratio Lower Upper

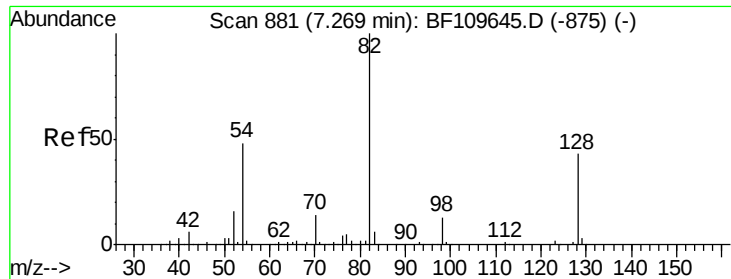
136 100

137 10.7 8.8 13.2

54 6.4 5.4 8.2

68 4.7 4.2 6.2

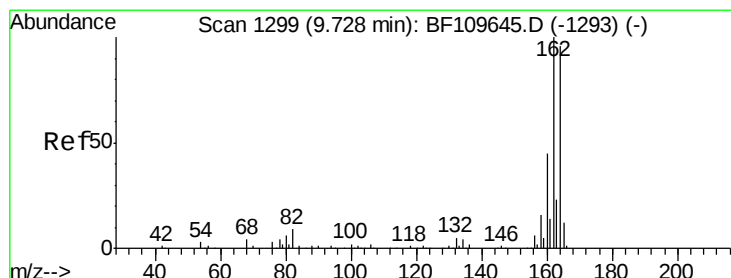
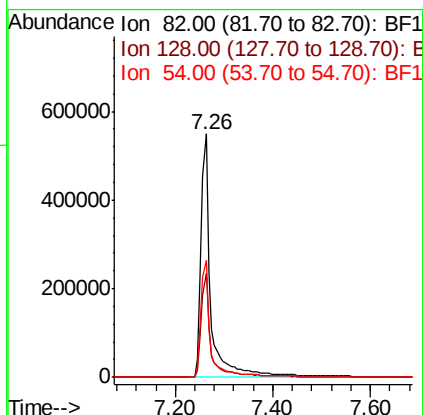
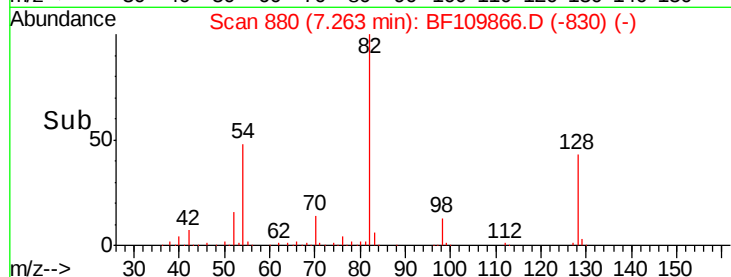
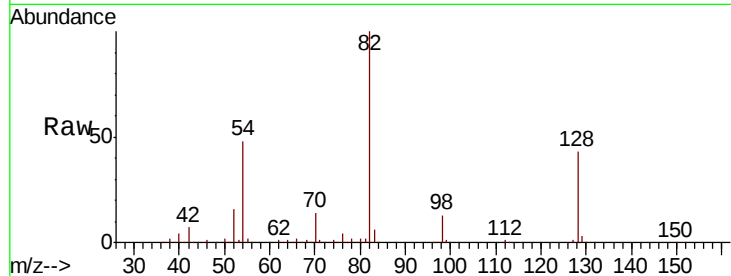




#23  
 Nitrobenzene-d5  
 Concen: 108.006 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

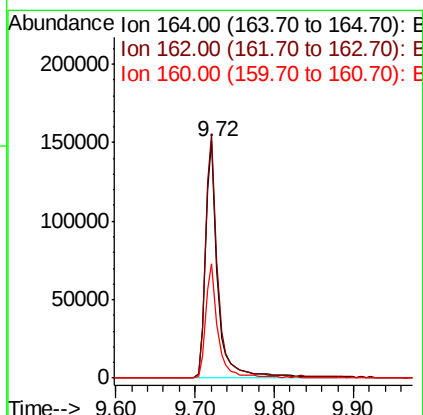
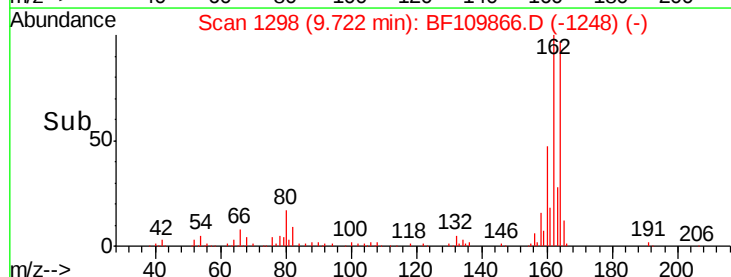
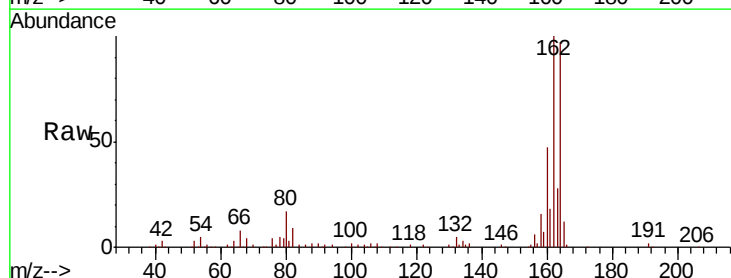
Instrument :  
 BNA\_F  
 ClientSampleId :  
 101018-DBRI-F-U-B

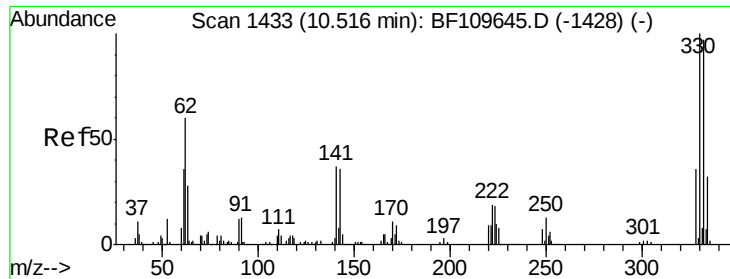
| Tot Ion   | 82   | Resp | 780508 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 34.2 |      |        |
| Upper     | 51.2 |      |        |
| 54        | 48.0 | 38.6 | 58.0   |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

| Tgt Ion   | 164   | Resp | 167220 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     | 83.0  |      |        |
| Upper     | 124.6 |      |        |
| 162       | 102.7 | 37.0 | 55.6   |

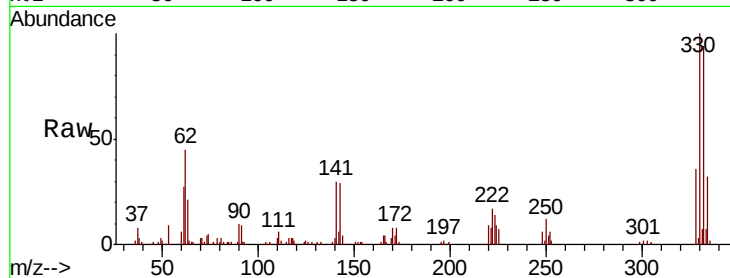




#41  
 2,4,6-Tribromophenol  
 Concen: 90.918 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 101018-DBRI-F-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.7  | 77.1  | 115.7 |
| 141     | 34.3  | 27.0  | 40.4  |

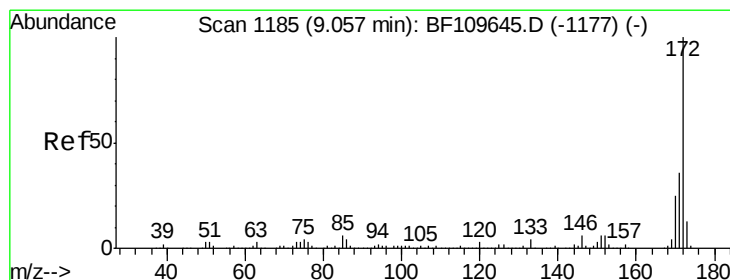
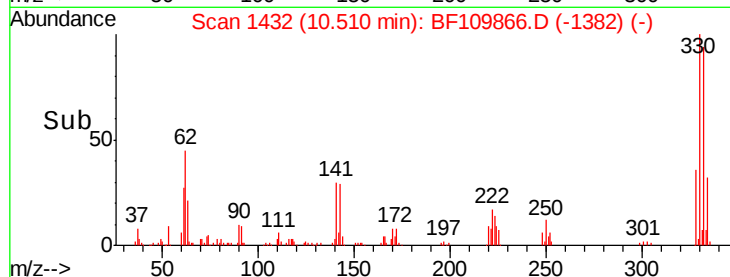
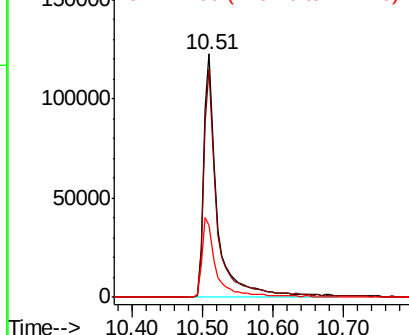


Abundance

Ion 329.80 (329.50 to 330.50): E

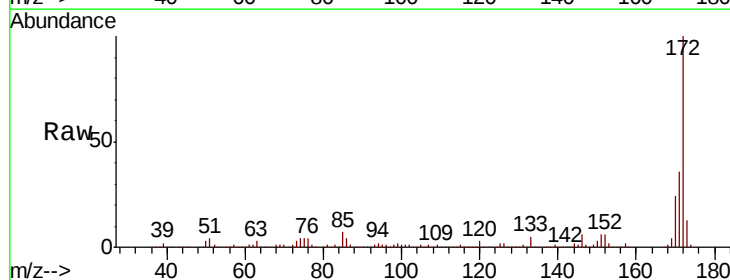
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 108.778 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109866.D  
 Acq: 13 Oct 2018 6:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 28.6  | 43.0  |
| 170     | 24.4  | 19.7  | 29.5  |

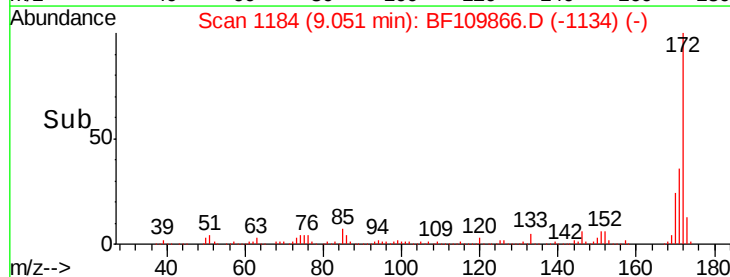
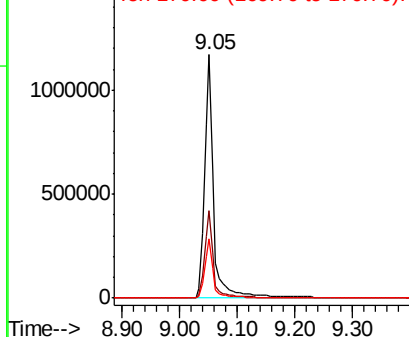


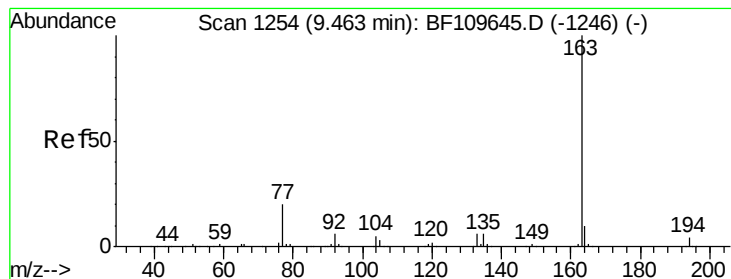
Abundance

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: 2.370 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

Instrument :

BNA\_F

ClientSampleId :

101018-DBRI-F-U-B

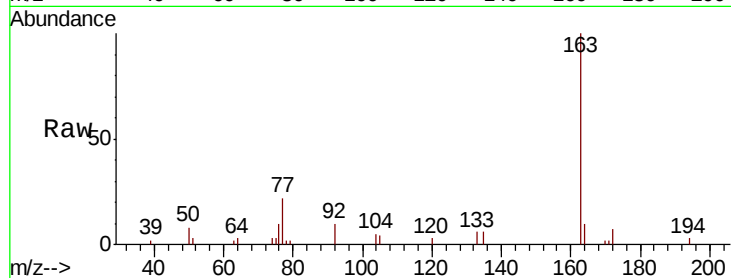
Tot Ion:163 Resp: 29065

Ion Ratio Lower Upper

163 100

194 3.2 3.2 4.8

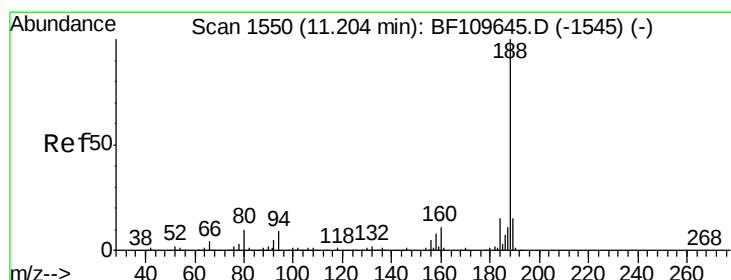
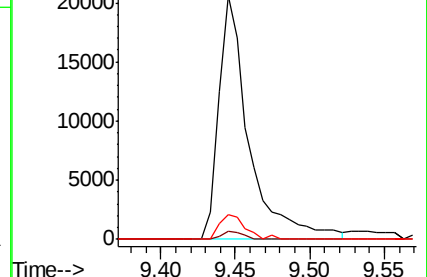
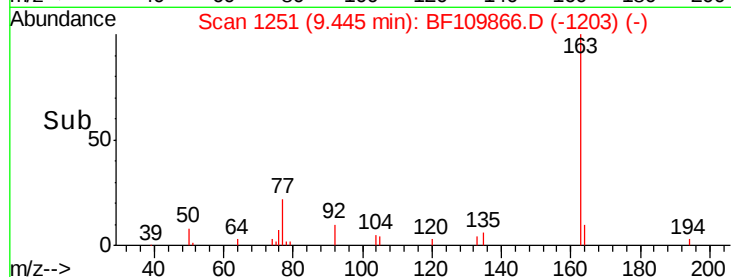
164 10.1 8.1 12.1



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: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

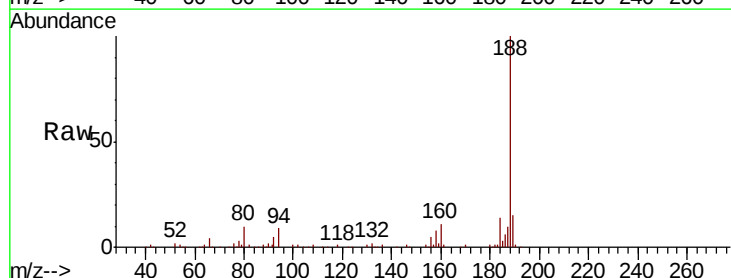
Tgt Ion:188 Resp: 267197

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

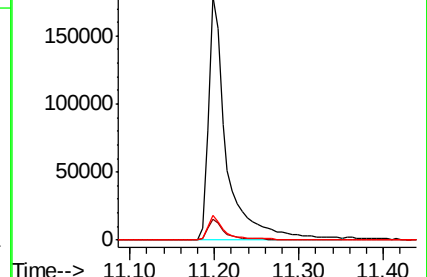
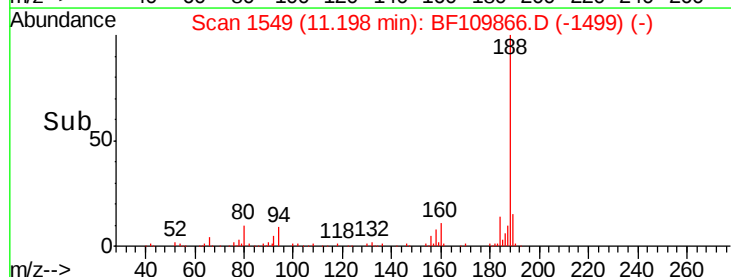
80 10.0 7.9 11.9

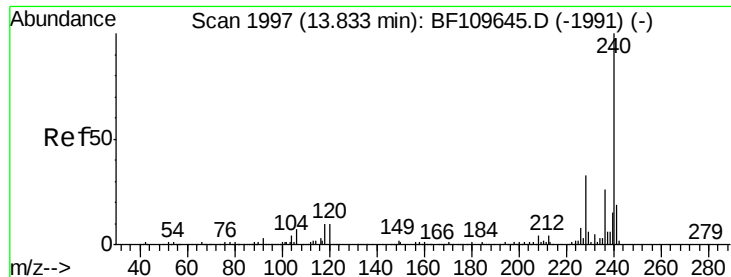


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

Instrument :

BNA\_F

ClientSampleId :

101018-DBRI-F-U-B

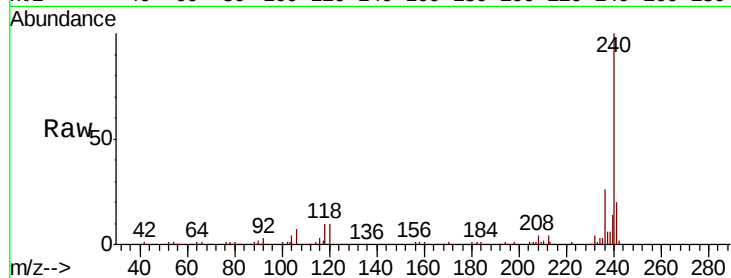
Tot Ion:240 Resp: 214388

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

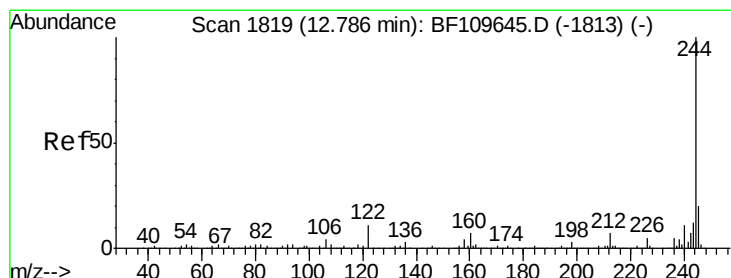
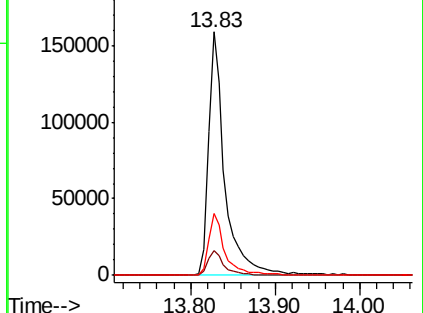
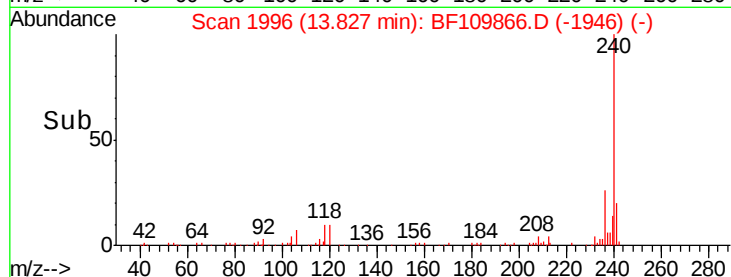
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.156 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109866.D

Acq: 13 Oct 2018 6:26

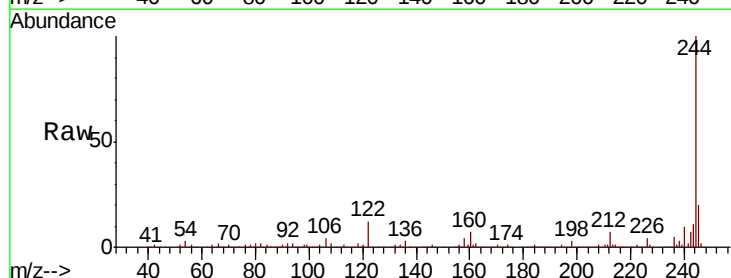
Tgt Ion:244 Resp: 965225

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

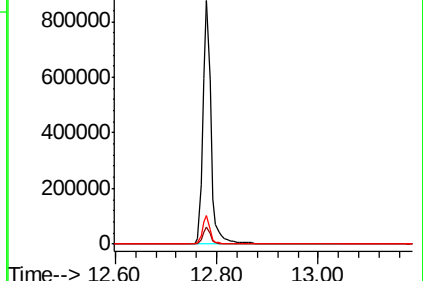
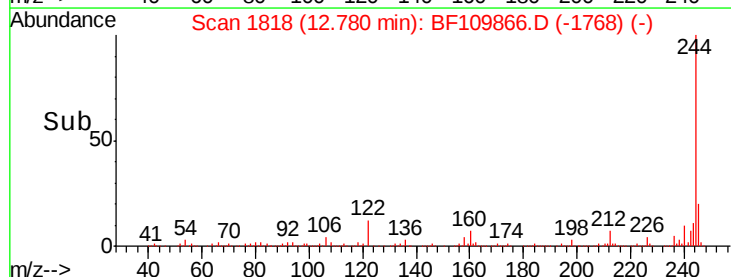
122 11.7 8.7 13.1

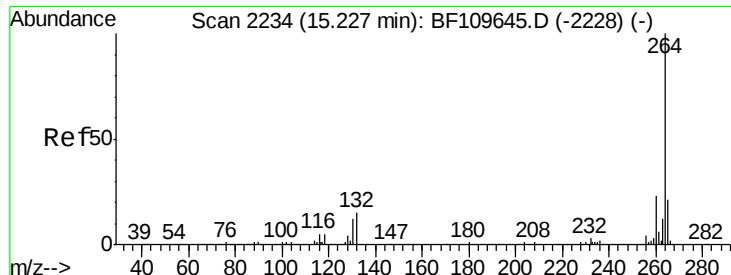


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. -0.00 min  
Lab File: BF109866.D  
Acq: 13 Oct 2018 6:26

Instrument :  
BNA\_F  
ClientSampleId :  
101018-DBRI-F-U-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 18.7  | 28.1  |
| 265     | 21.1  | 16.7  | 25.1  |

