

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\  
 Data File : BF107321.D  
 Acq On : 12 Jul 2018 1:20  
 Operator : JU/SJ  
 Sample : J3931-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 070918-DBRI-E-D-M

Quant Time: Jul 12 07:21:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 11 16:39:37 2018  
 Response via : Initial Calibration

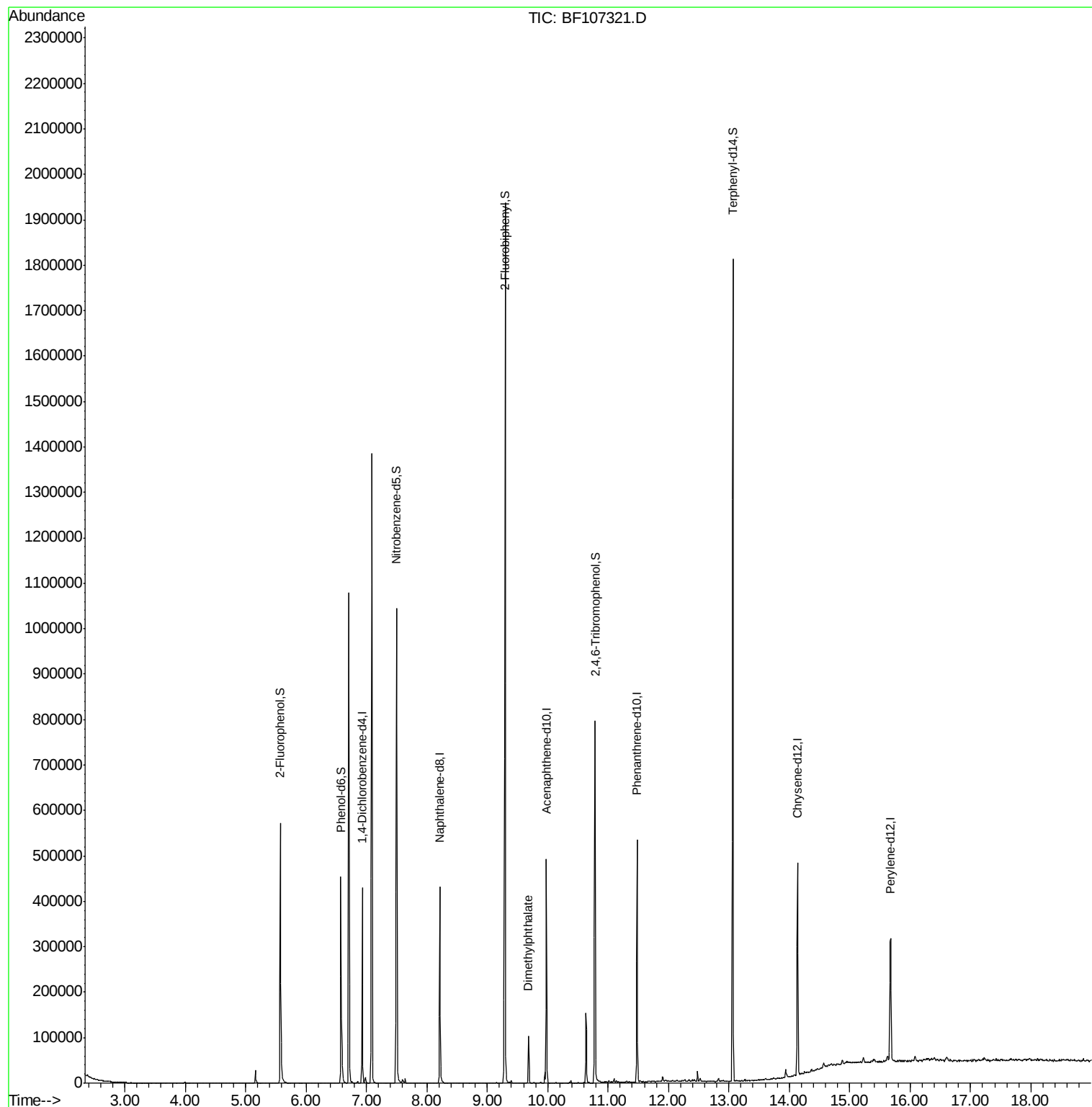
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 60985    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.22  | 136  | 228489   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.98  | 164  | 109796   | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.48 | 188  | 197184   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 14.14 | 240  | 157524   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.68 | 264  | 140237   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.57  | 112  | 187870   | 52.16  | ng    | 0.00         |
| 7) Phenol-d6                | 6.58  | 99   | 160709   | 35.73  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 418122   | 101.70 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 126568   | 99.46  | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 682972   | 109.55 | ng    | 0.00         |
| 78) Terphenyl-d14           | 13.07 | 244  | 730843   | 112.38 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.69  | 163  | 47861    | 5.812  | ng    | Qvalue<br>98 |

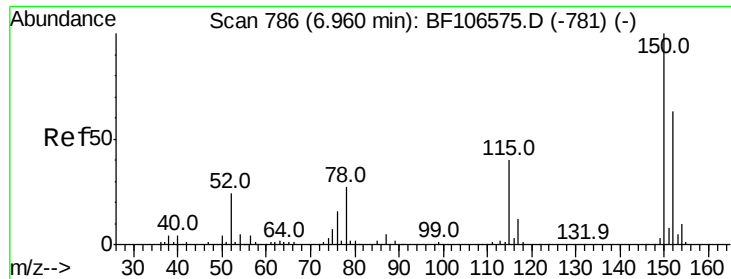
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\  
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Response via : Initial Calibration



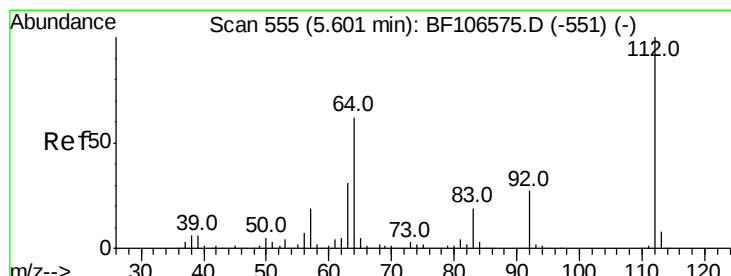
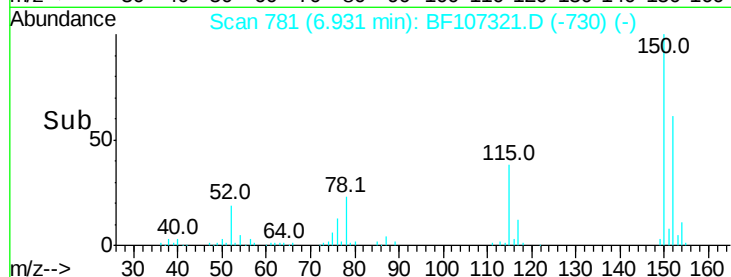
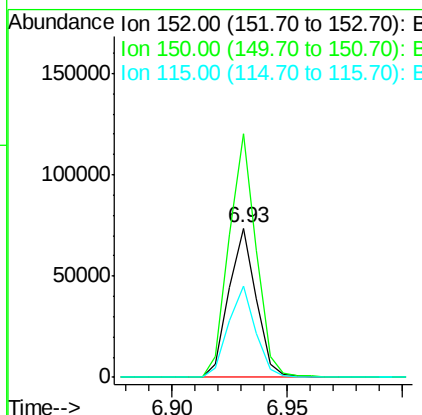
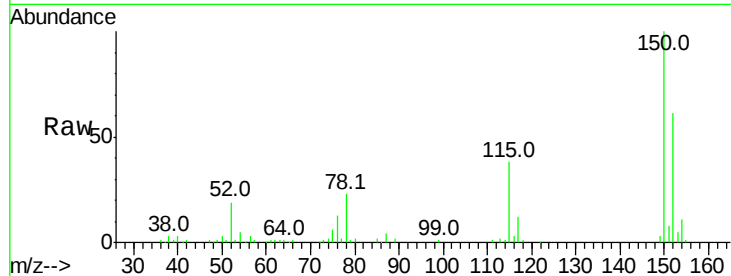


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BF107321.D  
Acq: 12 Jul 2018 1:20

Instrument :  
BNA\_F  
ClientSampleId :  
070918-DBRI-E-D-M

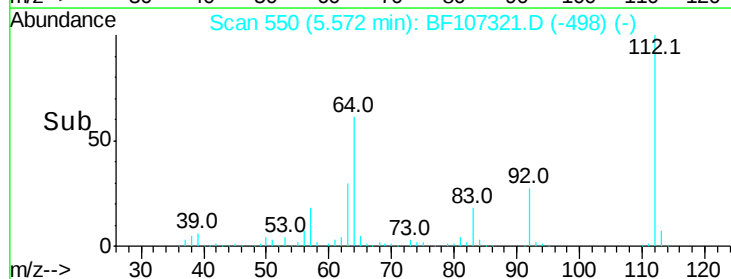
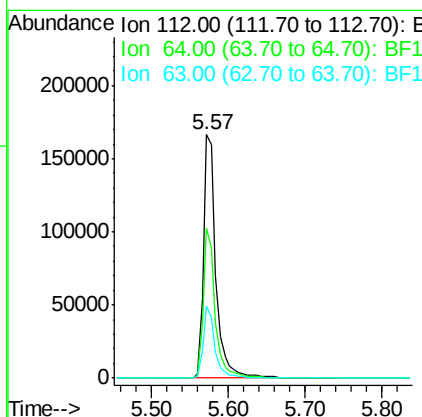
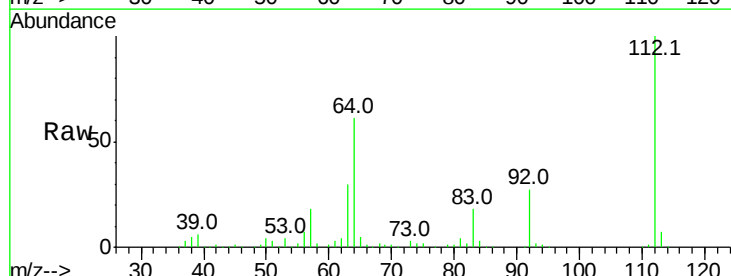
Tot Ion:152 Resp: 60985  
Ion Ratio Lower Upper  
152 100  
150 162.8 124.6 186.8  
115 61.3 50.1 75.1



#5

2-Fluorophenol  
Concen: 52.164 ng  
RT: 5.57 min Scan# 550  
Delta R.T. 0.01 min  
Lab File: BF107321.D  
Acq: 12 Jul 2018 1:20

Tgt Ion:112 Resp: 187870  
Ion Ratio Lower Upper  
112 100  
64 61.5 47.9 71.9  
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 35.732 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA\_F

ClientSampleId :

070918-DBRI-E-D-M

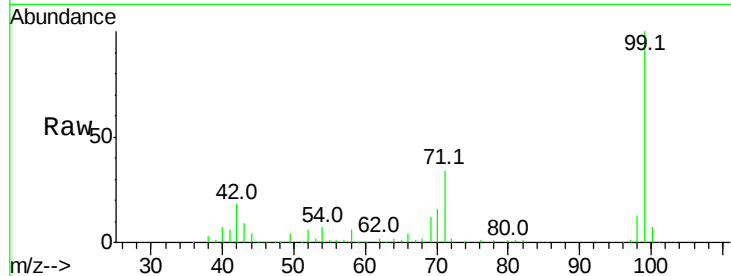
Tot Ion: 99 Resp: 160709

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

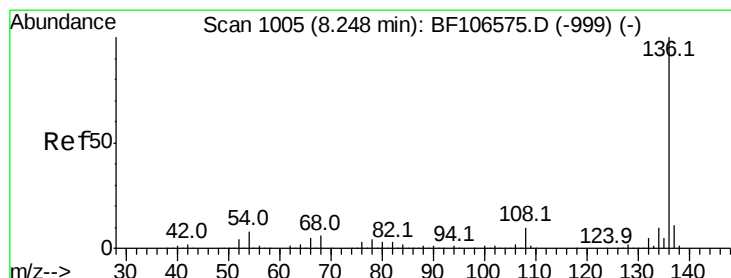
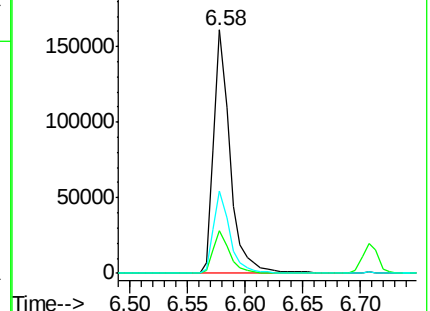
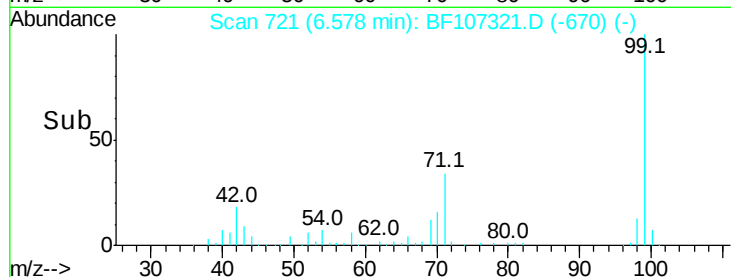
71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Tgt Ion: 136 Resp: 228489

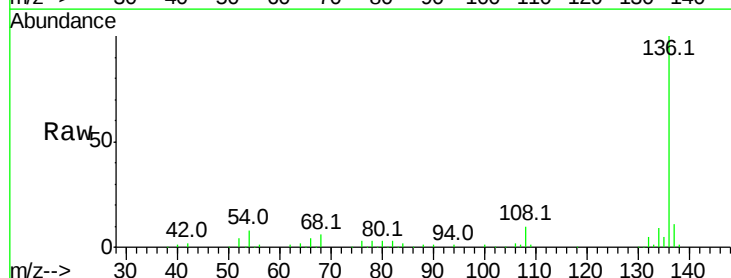
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 6.4 5.0 7.4

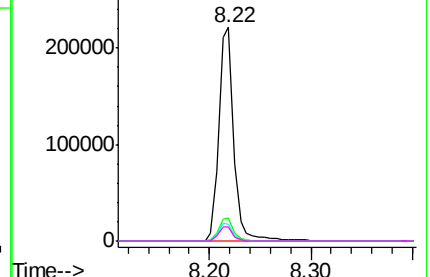
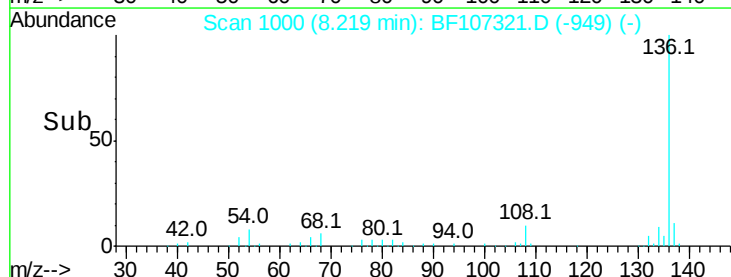


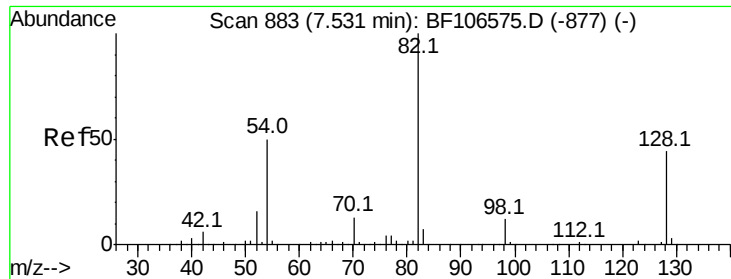
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

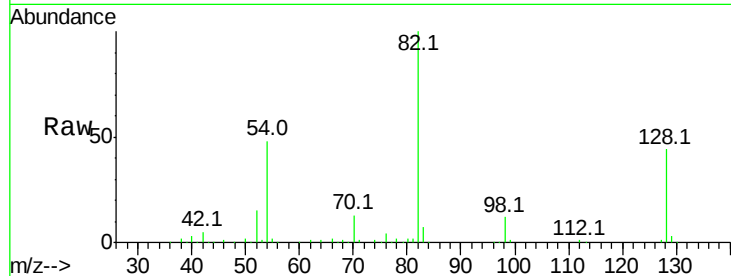




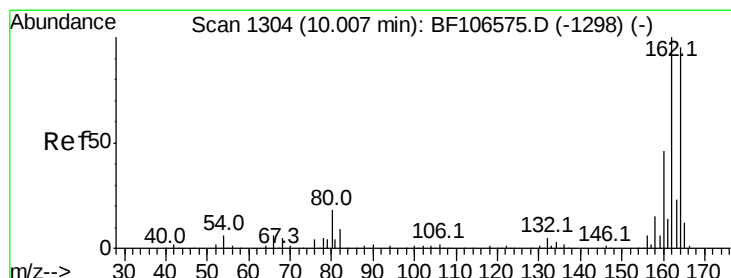
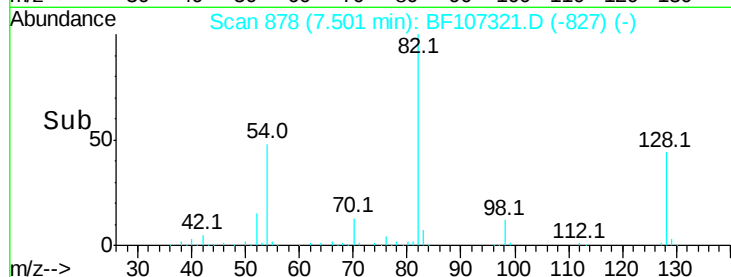
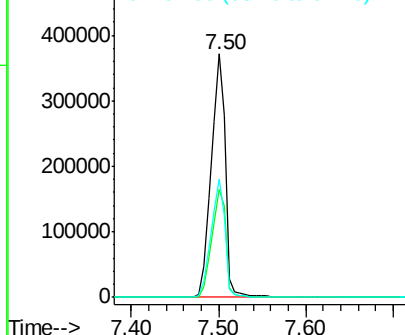
#23  
 Nitrobenzene-d5  
 Concen: 101.696 ng  
 RT: 7.50 min Scan# 878  
 Delta R.T. 0.00 min  
 Lab File: BF107321.D  
 Acq: 12 Jul 2018 1:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 070918-DBRI-E-D-M

Tot Ion: 82 Resp: 418122  
 Ion Ratio Lower Upper  
 82 100  
 128 44.4 36.1 54.1  
 54 48.4 41.4 62.2

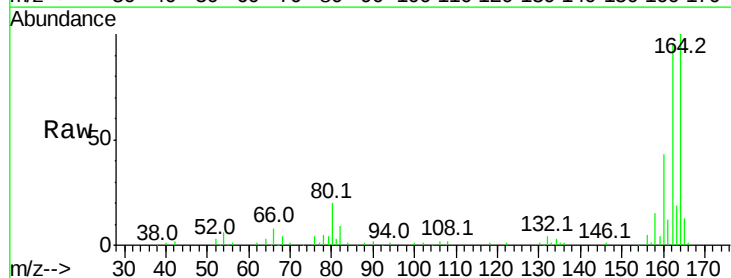


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

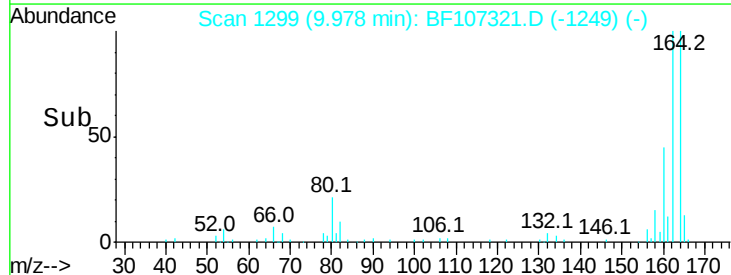
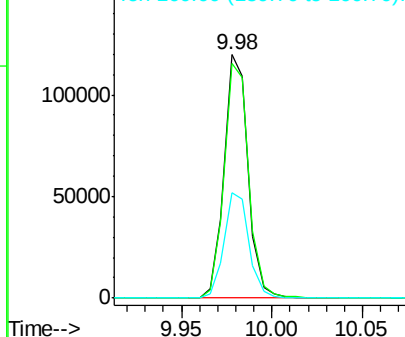


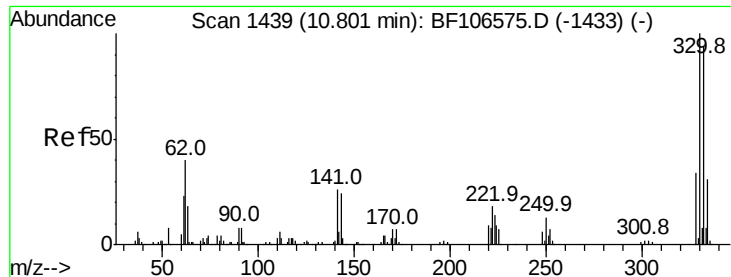
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.98 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF107321.D  
 Acq: 12 Jul 2018 1:20

Tgt Ion: 164 Resp: 109796  
 Ion Ratio Lower Upper  
 164 100  
 162 96.2 86.1 129.1  
 160 43.3 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

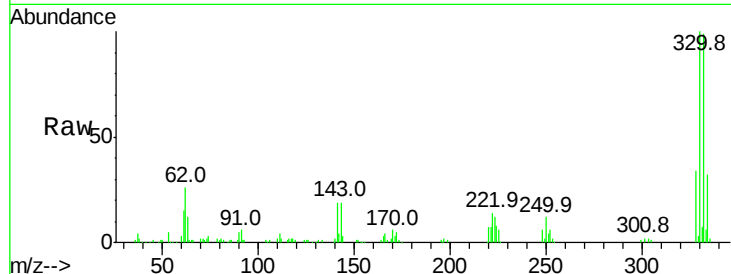




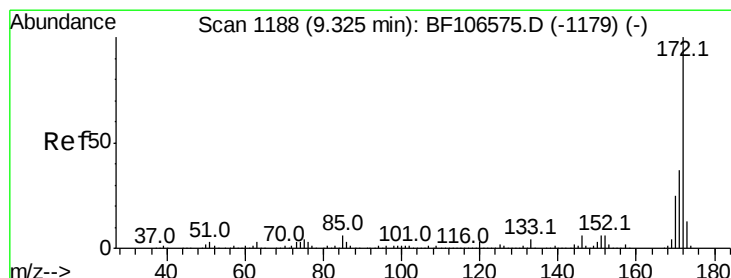
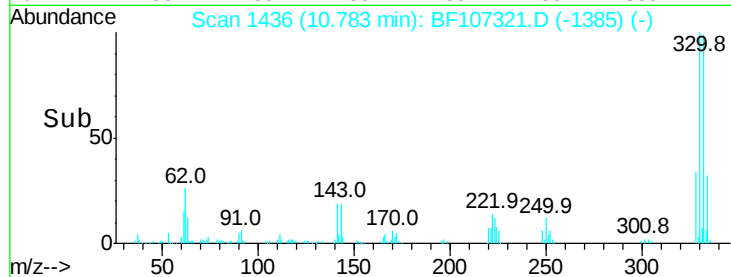
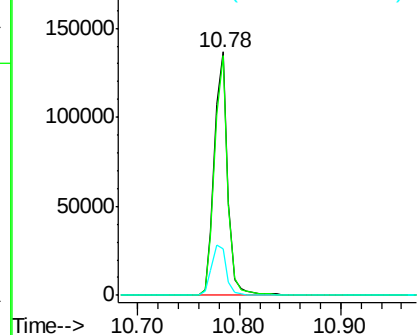
#41  
 2,4,6-Tribromophenol  
 Concen: 99.459 ng  
 RT: 10.78 min Scan# 1436  
 Delta R.T. 0.00 min  
 Lab File: BF107321.D  
 Acq: 12 Jul 2018 1:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 070918-DBRI-E-D-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.0  | 115.6 |
| 141     | 22.8  | 29.9  | 44.9# |

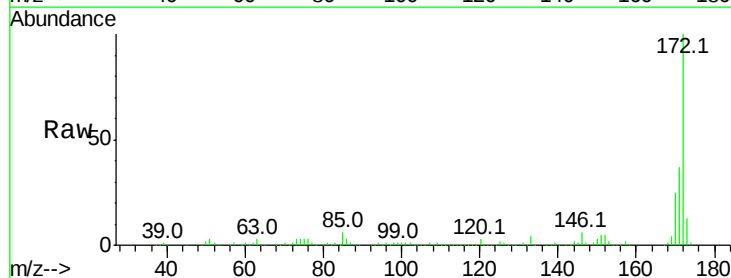


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

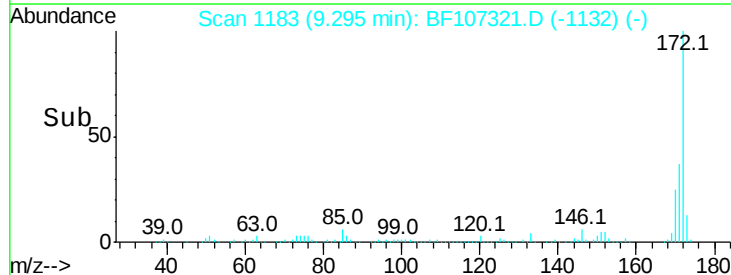
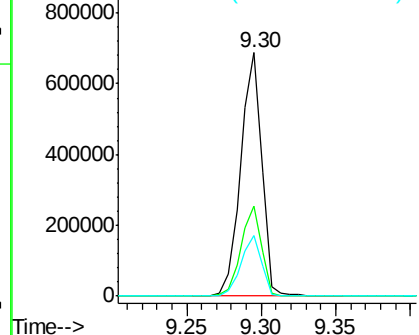


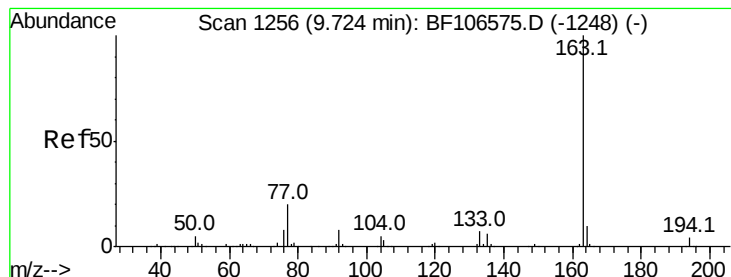
#44  
 2-Fluorobiphenyl  
 Concen: 109.548 ng  
 RT: 9.30 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF107321.D  
 Acq: 12 Jul 2018 1:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 29.7  | 44.5  |
| 170     | 24.7  | 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: 5.812 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA\_F

ClientSampleId :

070918-DBRI-E-D-M

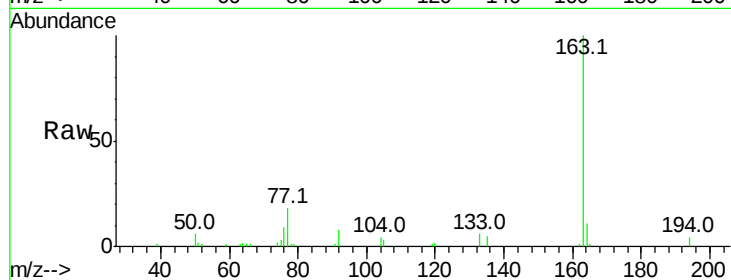
Tot Ion:163 Resp: 47861

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

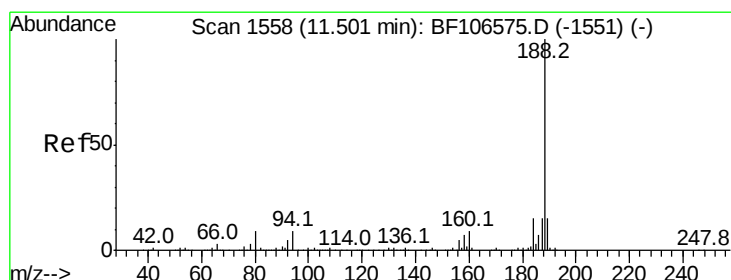
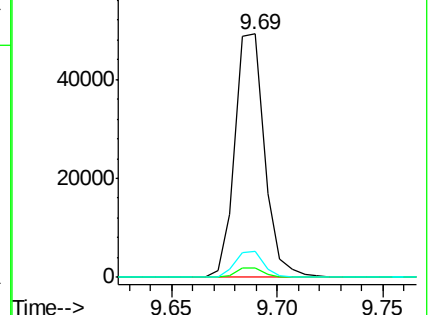
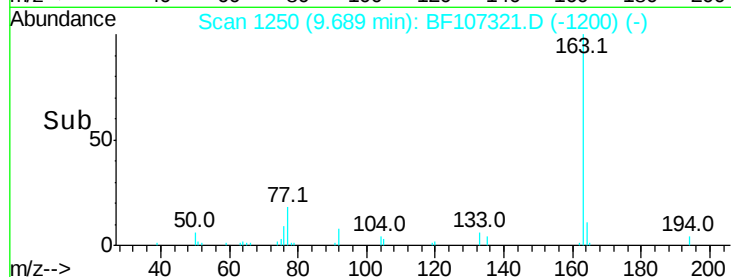
164 10.7 8.2 12.2



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: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

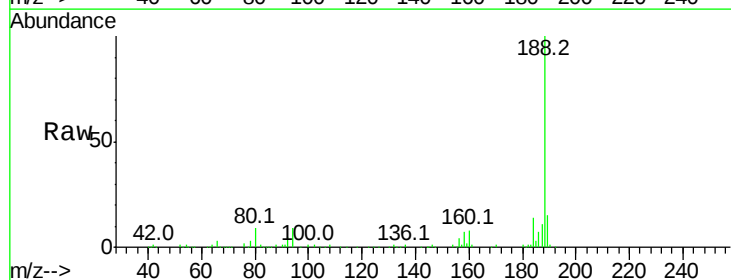
Tgt Ion:188 Resp: 197184

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

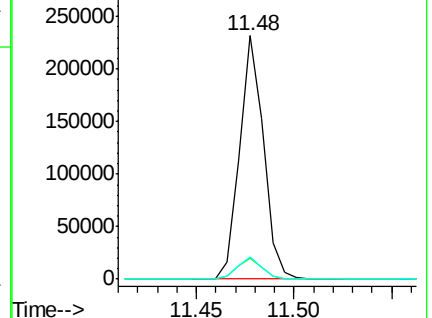
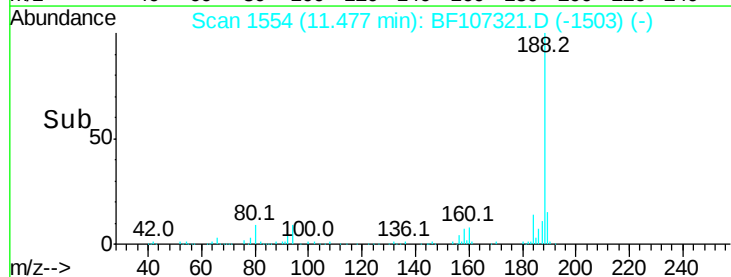
80 9.2 9.2 13.8

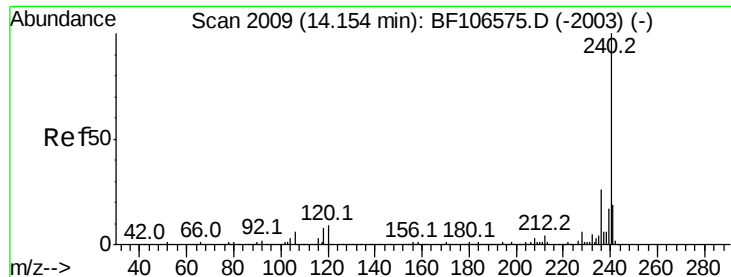


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

Instrument :

BNA\_F

ClientSampleId :

070918-DBRI-E-D-M

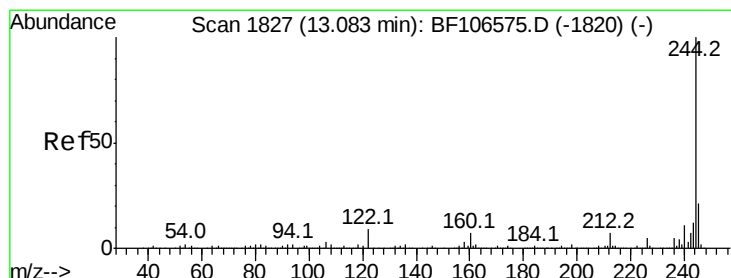
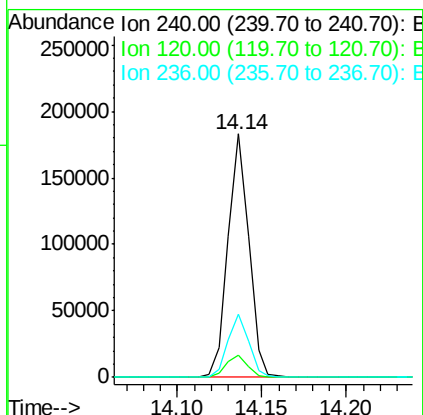
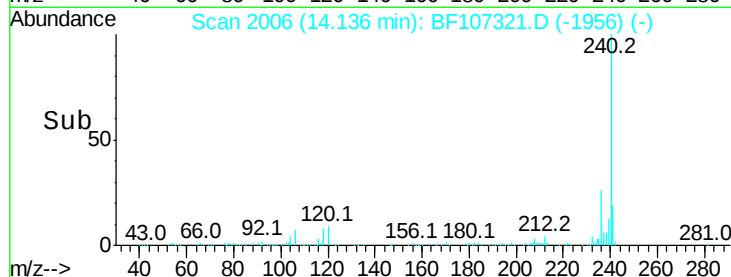
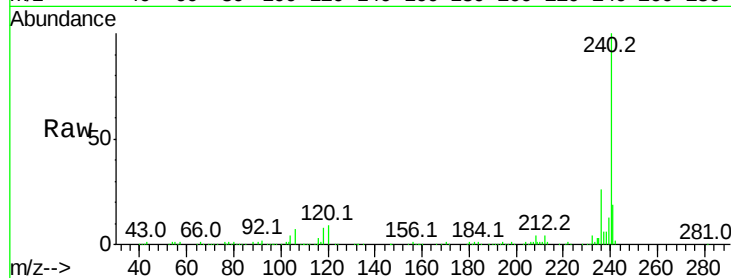
Tot Ion:240 Resp: 157524

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

236 25.8 20.7 31.1



#78

Terphenyl-d14

Concen: 112.384 ng

RT: 13.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF107321.D

Acq: 12 Jul 2018 1:20

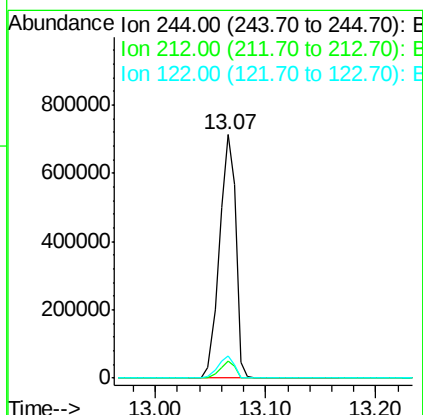
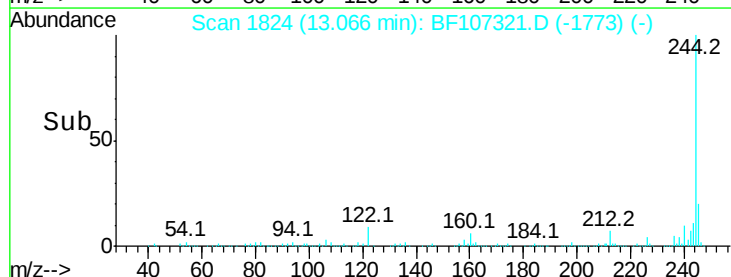
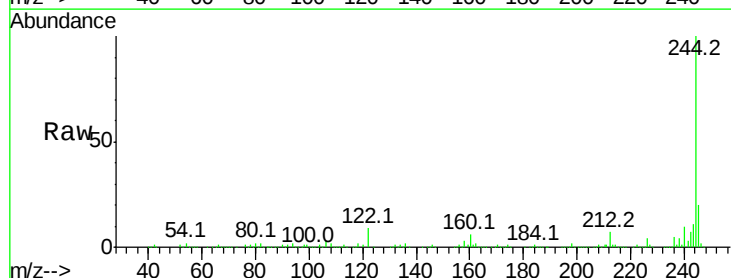
Tgt Ion:244 Resp: 730843

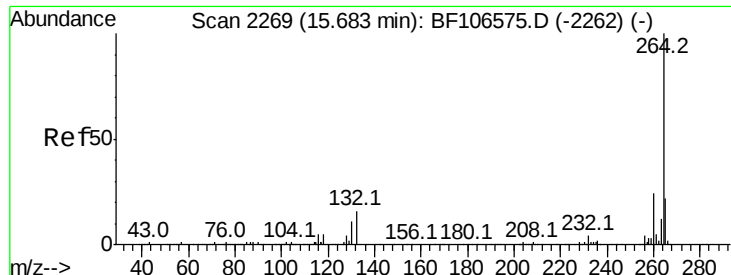
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 8.9 11.0 16.4#

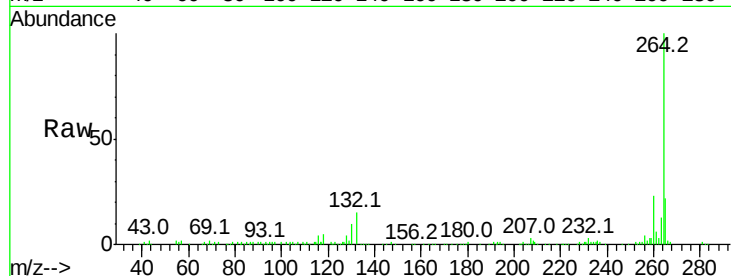




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.68 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BF107321.D  
Acq: 12 Jul 2018 1:20

Instrument :  
BNA\_F  
ClientSampleId :  
070918-DBRI-E-D-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.2  | 28.8  |
| 265     | 21.9  | 17.5  | 26.3  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

