

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\  
 Data File : BF108365.D  
 Acq On : 22 Aug 2018 3:59  
 Operator : JU/SJ  
 Sample : J4516-06RE  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ND-BASELINE-WATERRE

Quant Time: Aug 22 05:15:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 15:20:21 2018  
 Response via : Initial Calibration

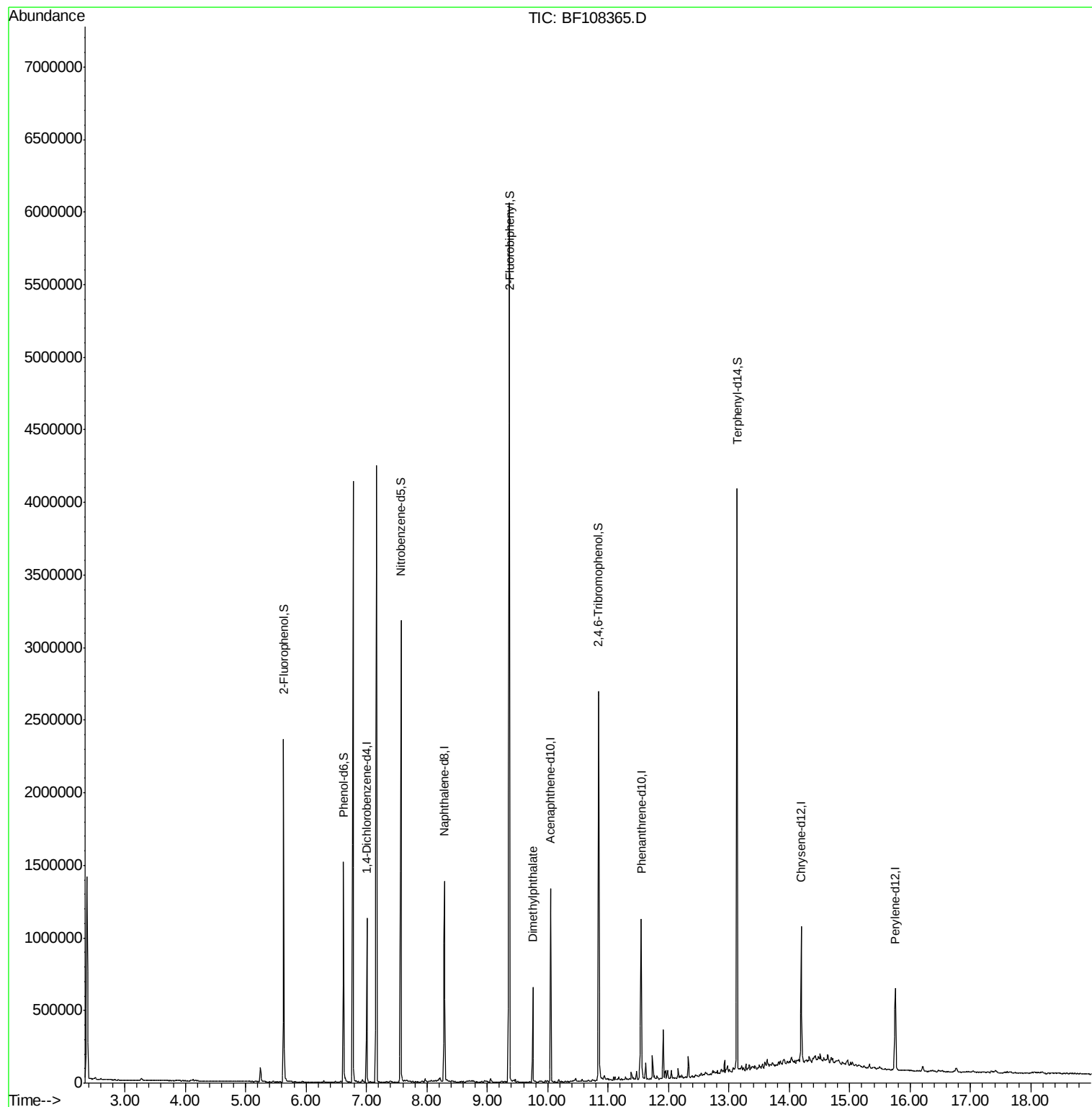
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.01  | 152  | 161912   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.29  | 136  | 573640   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 10.05 | 164  | 258962   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.55 | 188  | 413468   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.20 | 240  | 329826   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.75 | 264  | 280055   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.63  | 112  | 565048   | 63.18  | ng    | 0.00     |
| 7) Phenol-d6                | 6.62  | 99   | 454813   | 38.27  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.57  | 82   | 1082260  | 105.28 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.85 | 330  | 353917   | 137.01 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.37  | 172  | 1861723  | 115.42 | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.14 | 244  | 1446949  | 111.54 | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.75  | 163  | 252811   | 14.015 | ng    | 99       |

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

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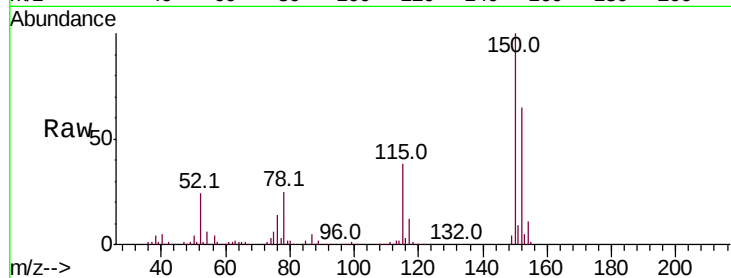


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.01 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BF108365.D  
Acq: 22 Aug 2018 3:59

Instrument :  
BNA\_F  
ClientSampleId :  
ND-BASELINE-WATERRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.3 | 124.6 | 186.8 |
| 115     | 59.0  | 50.1  | 75.1  |

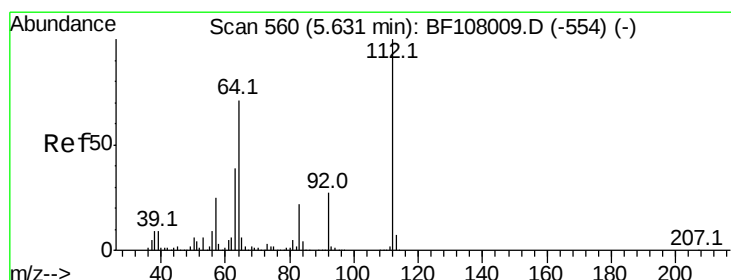
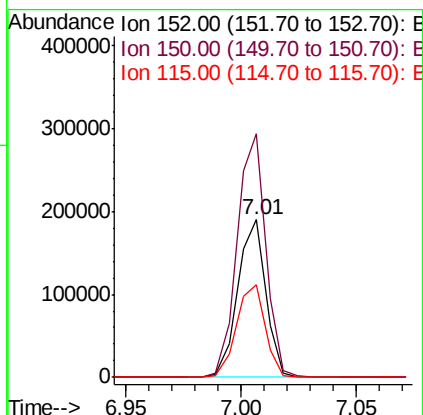
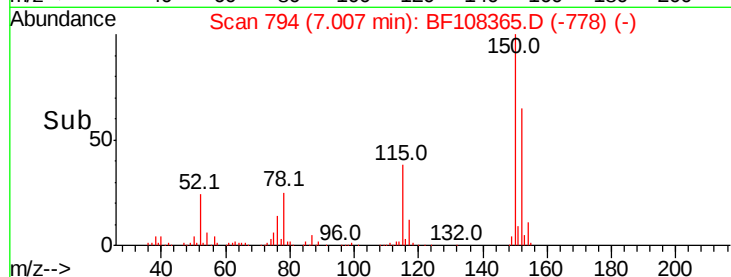


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

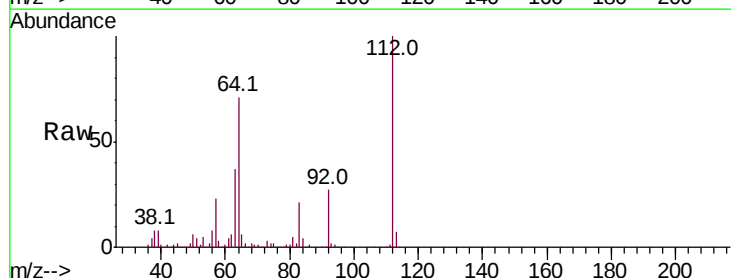
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 63.182 ng  
RT: 5.63 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF108365.D  
Acq: 22 Aug 2018 3:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.6  | 47.9  | 71.9  |
| 63      | 36.9  | 23.7  | 35.5# |

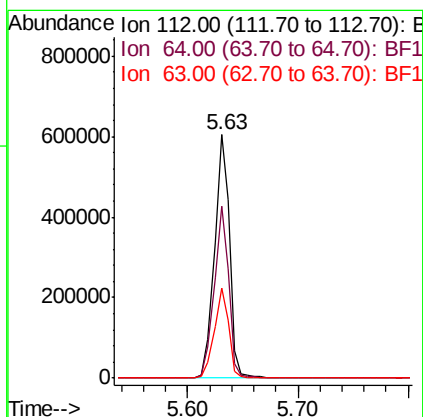
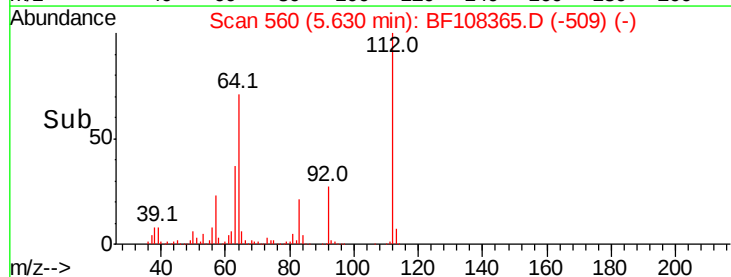


Abundance

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: 38.270 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA\_F

ClientSampleId :

ND-BASELINE-WATERRE

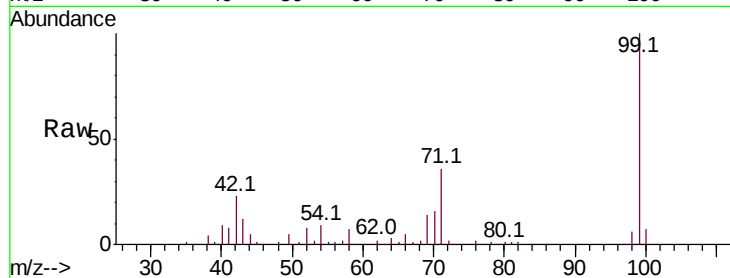
Tot Ion: 99 Resp: 454813

Ion Ratio Lower Upper

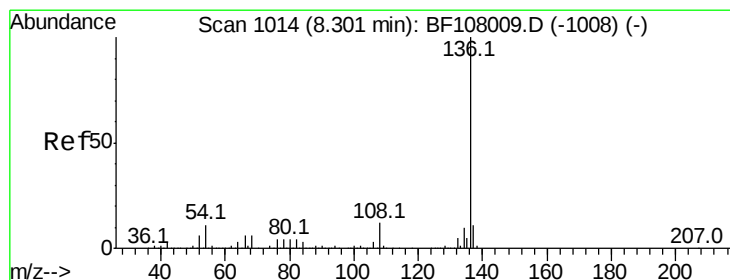
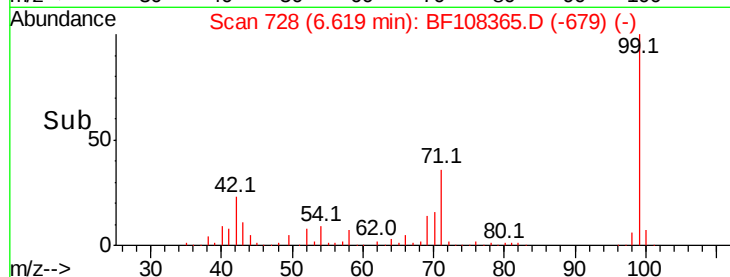
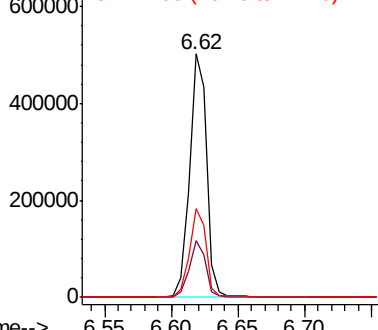
99 100

42 23.2 14.5 21.7#

71 36.5 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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Tgt Ion: 136 Resp: 573640

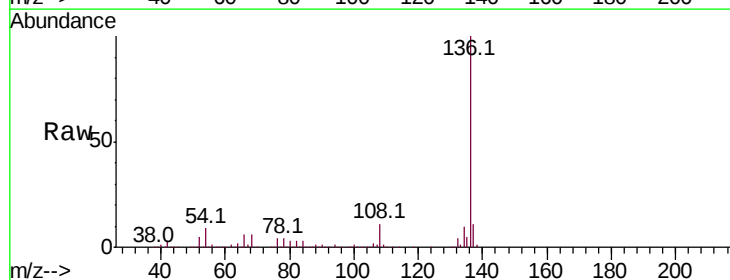
Ion Ratio Lower Upper

136 100

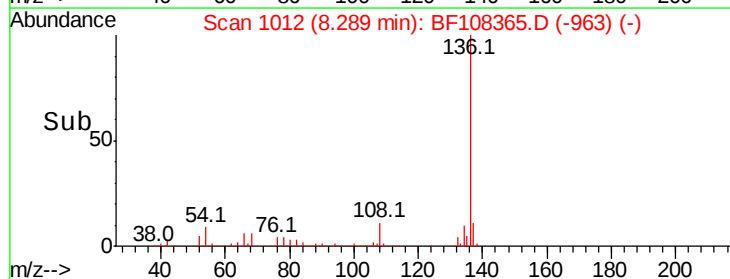
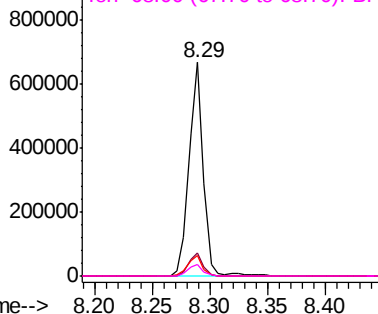
137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 5.7 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: 105.278 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA\_F

ClientSampleId :

ND-BASELINE-WATERRE

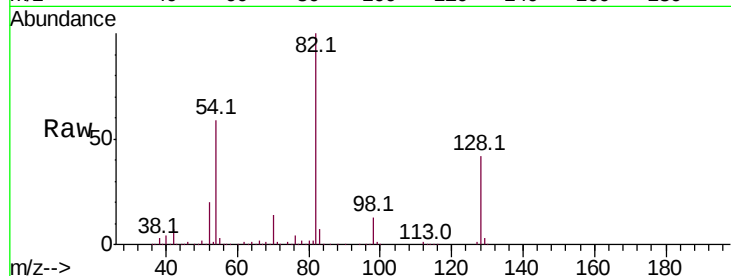
Tot Ion: 82 Resp: 1082260

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

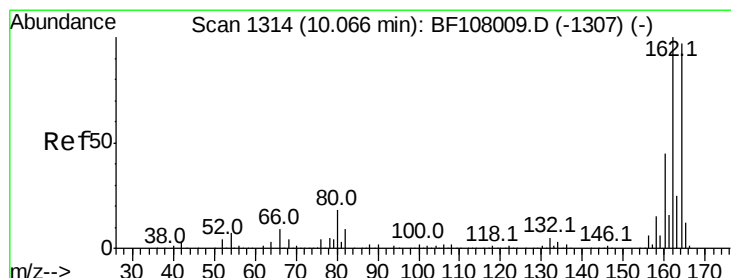
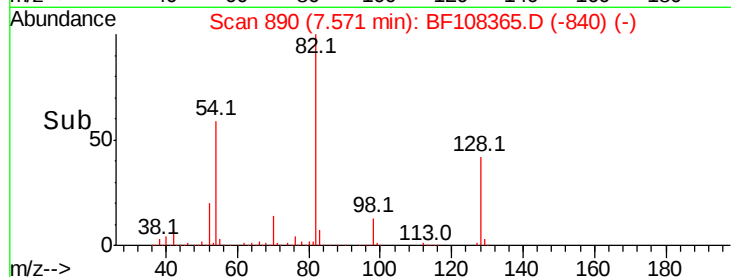
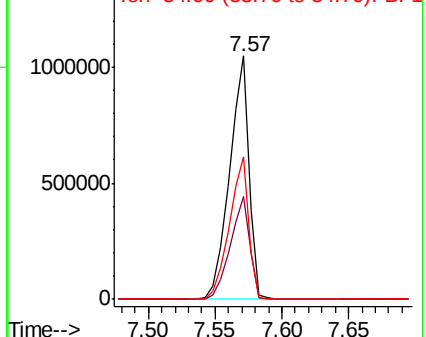
54 58.6 41.4 62.2



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: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

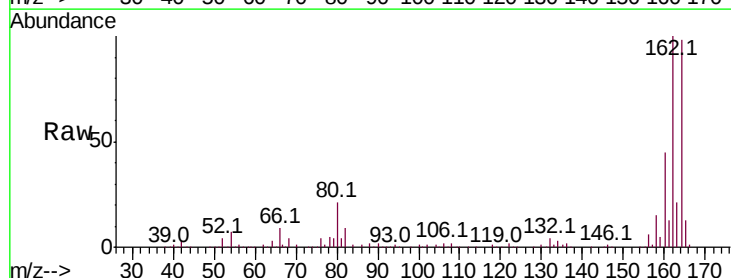
Tgt Ion: 164 Resp: 258962

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

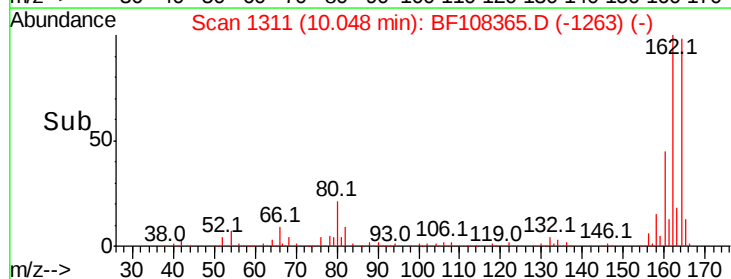
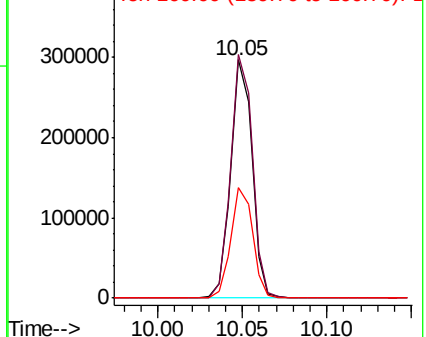
160 46.4 38.3 57.5



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

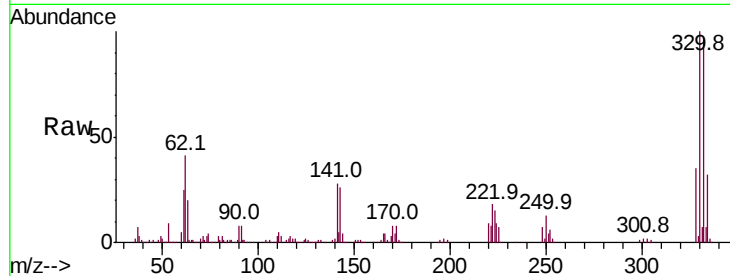




#41  
 2,4,6-Tribromophenol  
 Concen: 137.014 ng  
 RT: 10.85 min Scan# 1447  
 Delta R.T. -0.01 min  
 Lab File: BF108365.D  
 Acq: 22 Aug 2018 3:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ND-BASELINE-WATERRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 77.0  | 115.6 |
| 141     | 32.8  | 29.9  | 44.9  |

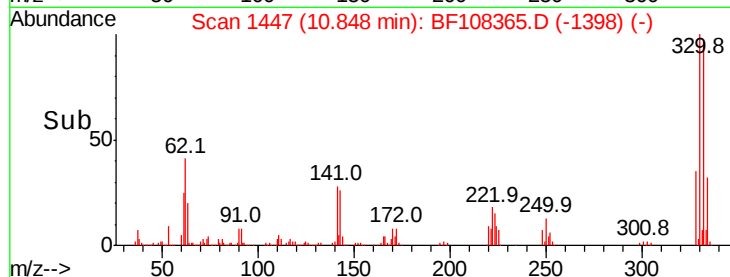
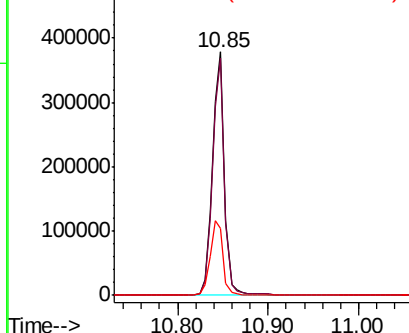


Abundance

Ion 329.80 (329.50 to 330.50): E

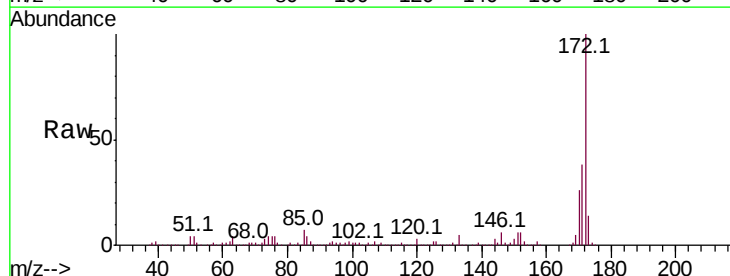
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 115.420 ng  
 RT: 9.37 min Scan# 1195  
 Delta R.T. -0.01 min  
 Lab File: BF108365.D  
 Acq: 22 Aug 2018 3:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.9  | 29.7  | 44.5  |
| 170     | 25.9  | 19.6  | 29.4  |

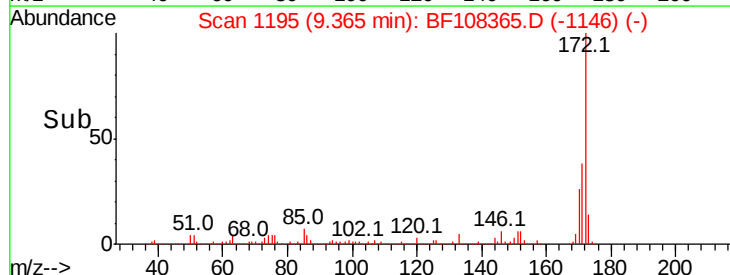
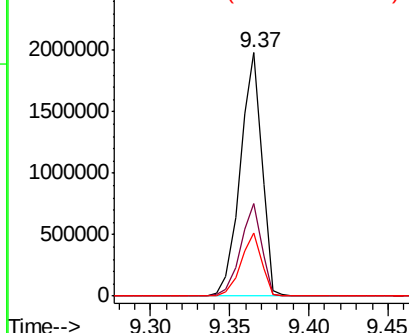


Abundance

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

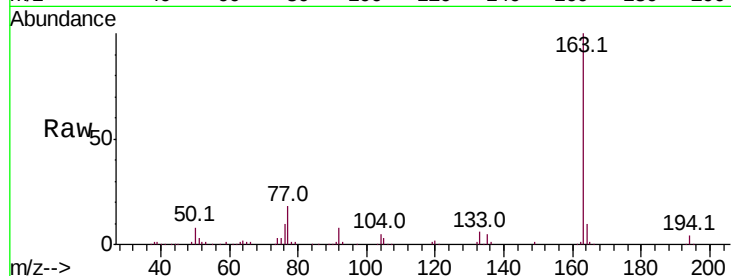




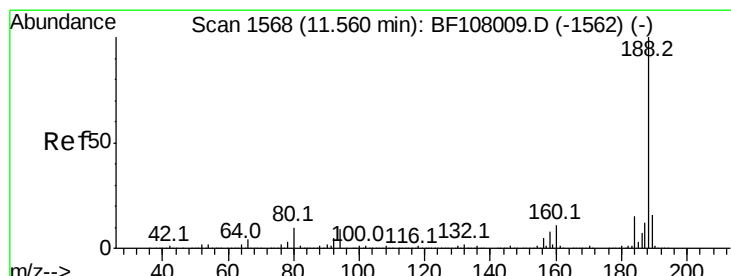
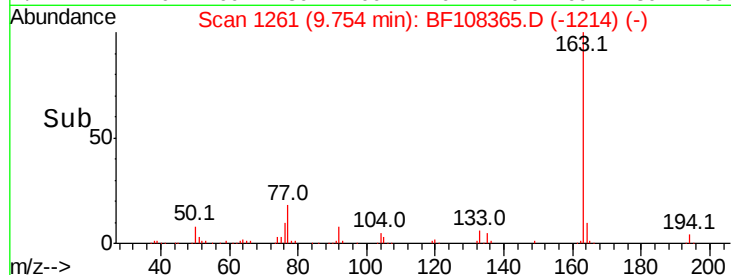
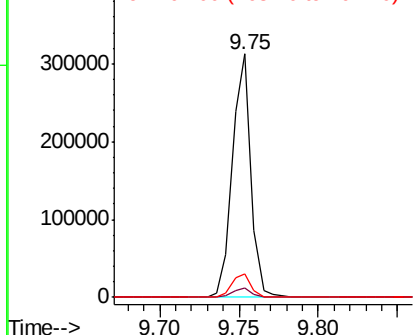
#49  
 Dimethylphthalate  
 Concen: 14.015 ng  
 RT: 9.75 min Scan# 1261  
 Delta R.T. -0.02 min  
 Lab File: BF108365.D  
 Acq: 22 Aug 2018 3:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ND-BASELINE-WATERRE

|             |       |          |
|-------------|-------|----------|
| Tot Ion:163 | Resp: | 252811   |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 4.0   | 2.7 4.1  |
| 164         | 9.8   | 8.2 12.2 |

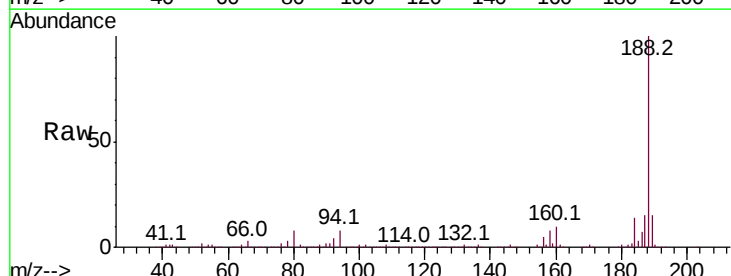


Abundance Ion 163.00 (162.70 to 163.70): E  
 Ion 194.00 (193.70 to 194.70): E  
 Ion 164.00 (163.70 to 164.70): E

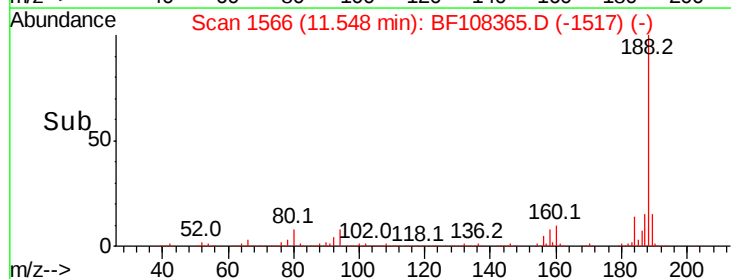
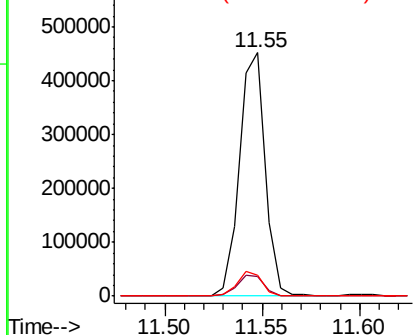


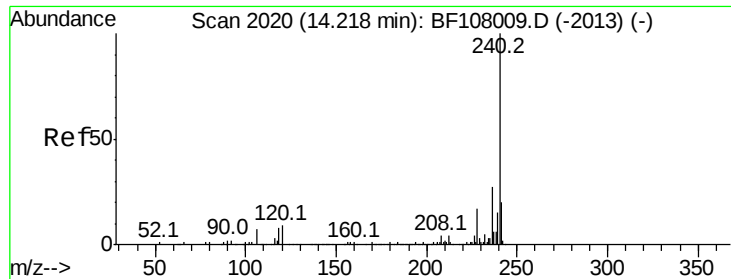
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.55 min Scan# 1566  
 Delta R.T. -0.01 min  
 Lab File: BF108365.D  
 Acq: 22 Aug 2018 3:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:188 | Resp: | 413468    |
| Ion Ratio   | Lower | Upper     |
| 188         | 100   |           |
| 94          | 8.0   | 8.5 12.7# |
| 80          | 8.5   | 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: 14.20 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

Instrument :

BNA\_F

ClientSampleId :

ND-BASELINE-WATERRE

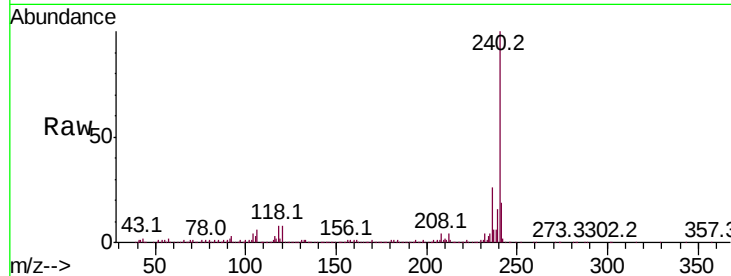
Tot Ion:240 Resp: 329826

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

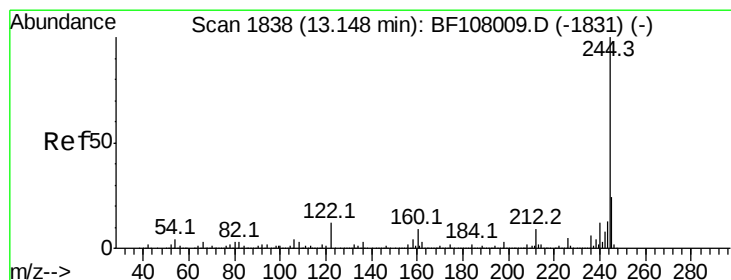
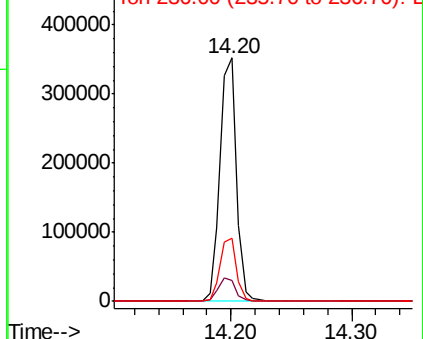
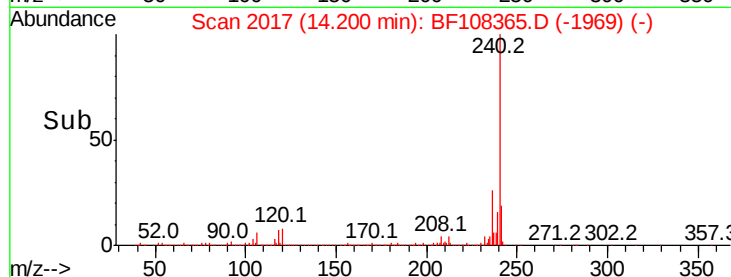
236 26.0 20.7 31.1



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: 111.543 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108365.D

Acq: 22 Aug 2018 3:59

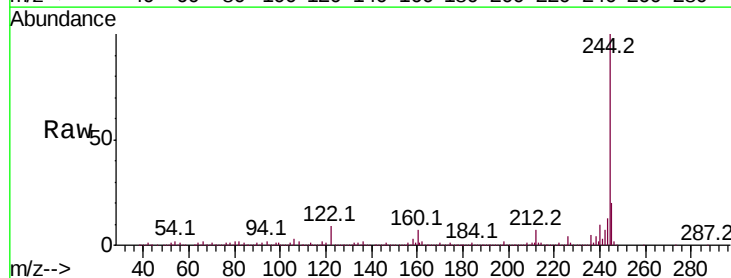
Tgt Ion:244 Resp: 1446949

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

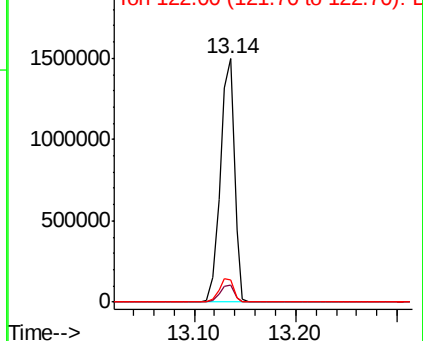
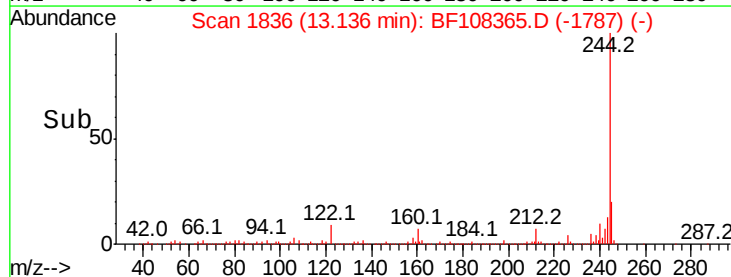
122 9.4 11.0 16.4#



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: 15.75 min Scan# 2281  
 Delta R.T. -0.02 min  
 Lab File: BF108365.D  
 Acq: 22 Aug 2018 3:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ND-BASELINE-WATERRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.2  | 28.8  |
| 265     | 21.9  | 17.5  | 26.3  |

