

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\  
 Data File : BF109838.D  
 Acq On : 12 Oct 2018 17:18  
 Operator : JU/SJ  
 Sample : J5371-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100818-SIDI-E-D-S

Quant Time: Oct 12 17:55:26 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

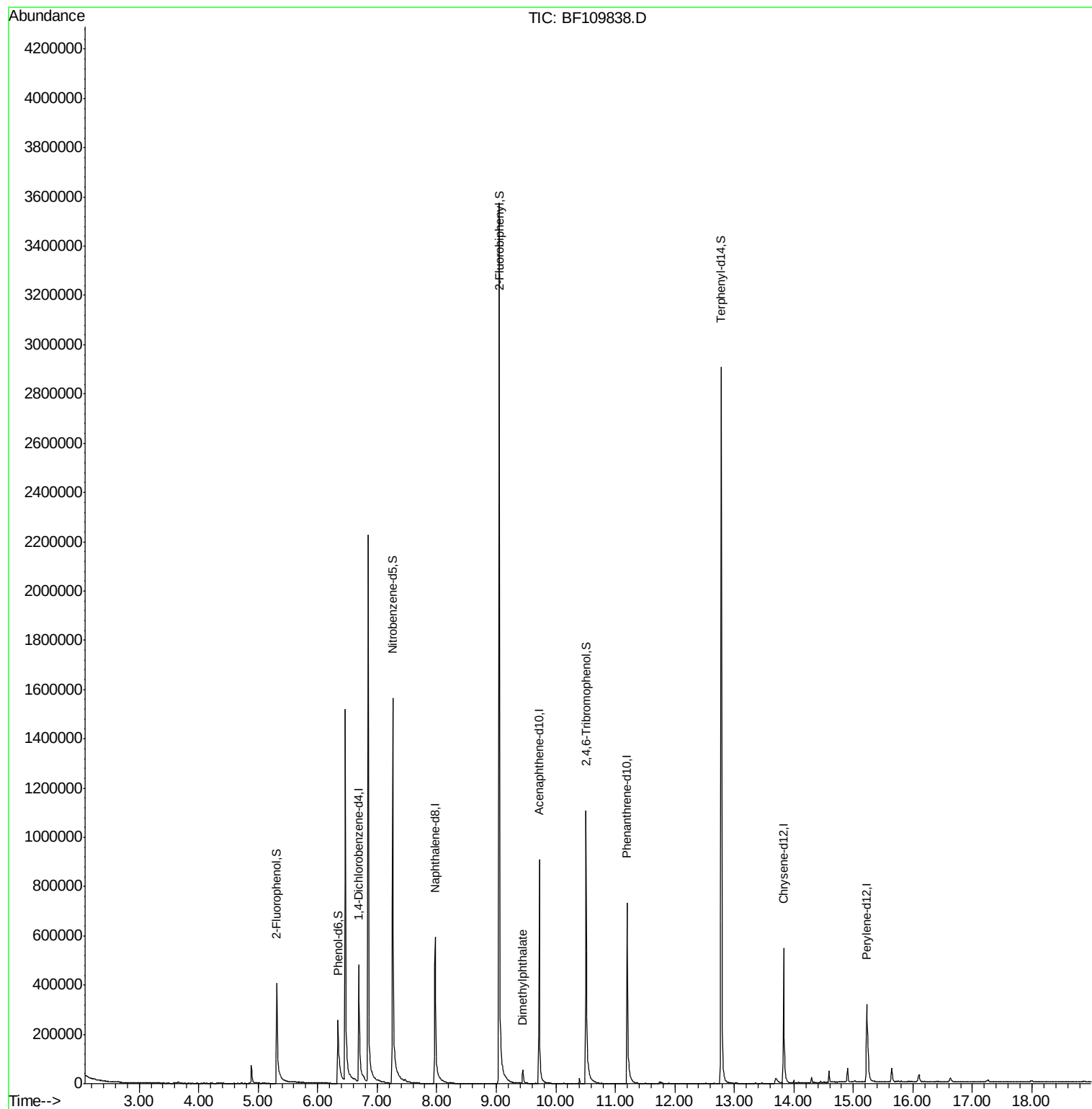
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 105921   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.97  | 136  | 435148   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.72  | 164  | 212705   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 407704   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.83 | 240  | 260605   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.23 | 264  | 210395   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 201890   | 33.83 | ng    | 0.00     |
| 7) Phenol-d6                | 6.34  | 99   | 178069   | 22.34 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 783107   | 99.20 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 197229   | 85.10 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 1380058  | 89.36 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.79 | 244  | 1267388  | 94.14 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.45  | 163  | 40126    | 2.572 | ng    | 99       |

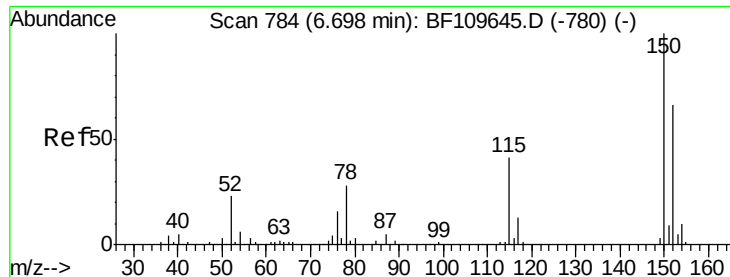
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\  
Data File : BF109838.D  
Acq On : 12 Oct 2018 17:18  
Operator : JU/SJ  
Sample : J5371-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
100818-SIDI-E-D-S

Quant Time: Oct 12 17:55:26 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



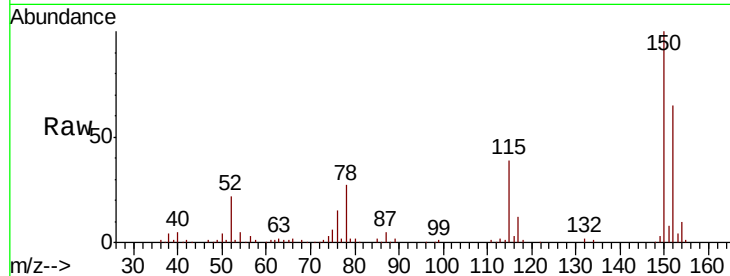


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF109838.D  
Acq: 12 Oct 2018 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
100818-SIDI-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.0 | 122.7 | 184.1 |
| 115     | 60.1  | 49.1  | 73.7  |

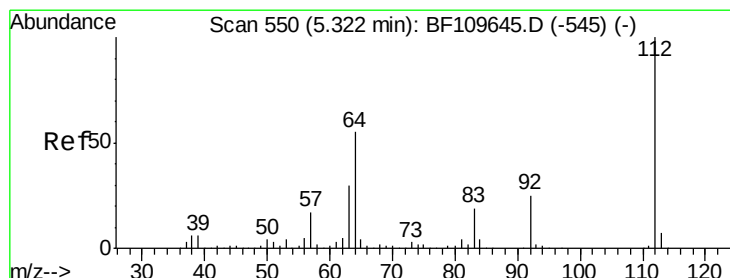
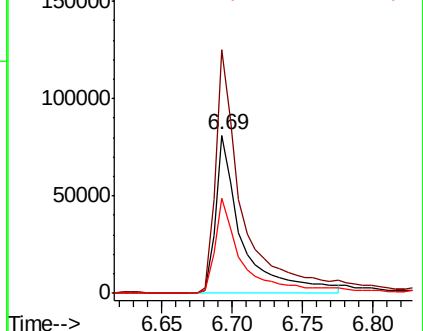
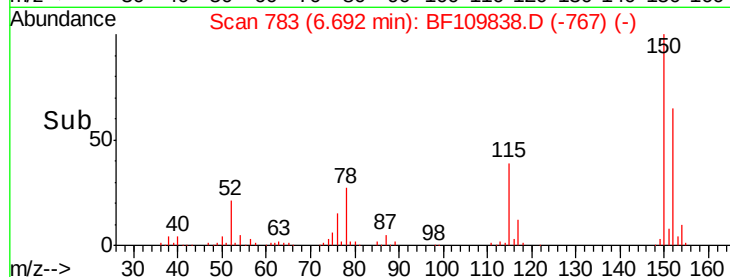


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

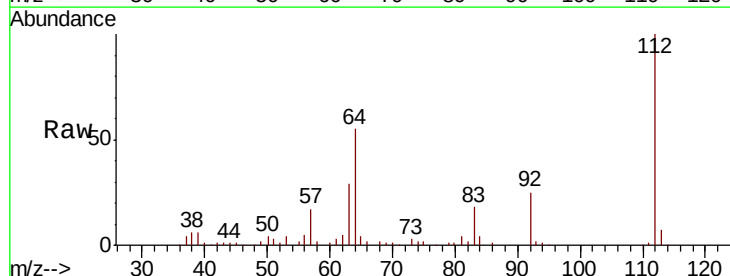
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 33.833 ng  
RT: 5.32 min Scan# 549  
Delta R.T. -0.00 min  
Lab File: BF109838.D  
Acq: 12 Oct 2018 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.4  | 44.1  | 66.1  |
| 63      | 28.9  | 23.7  | 35.5  |

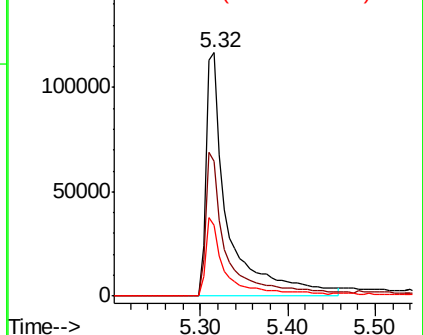
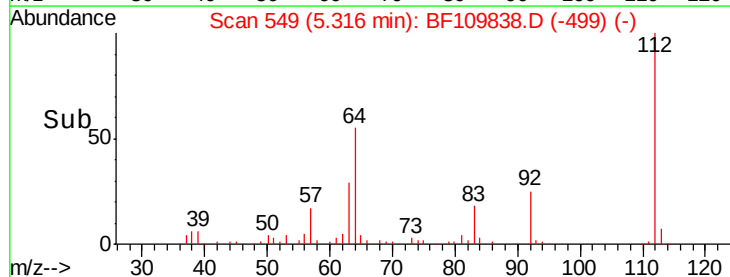


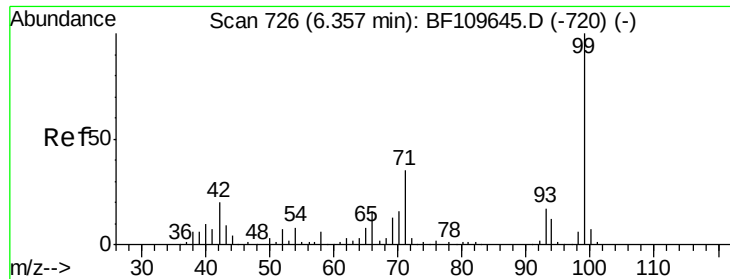
Abundance

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: 22.338 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109838.D

Acq: 12 Oct 2018 17:18

Instrument :

BNA\_F

ClientSampleId :

100818-SIDI-E-D-S

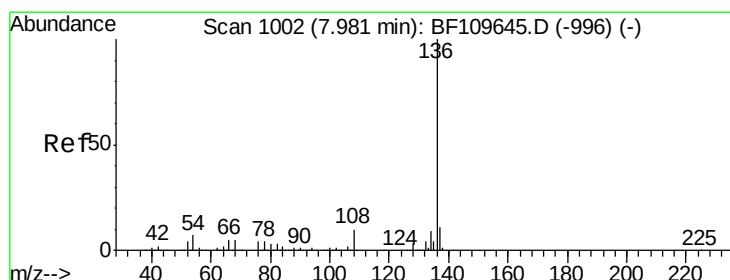
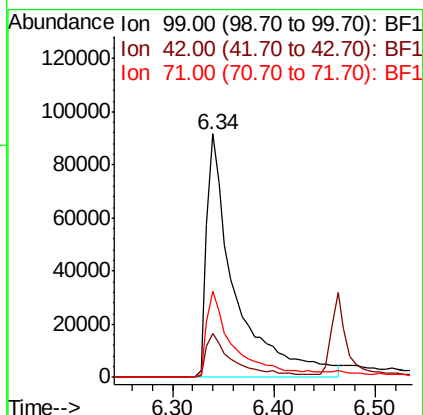
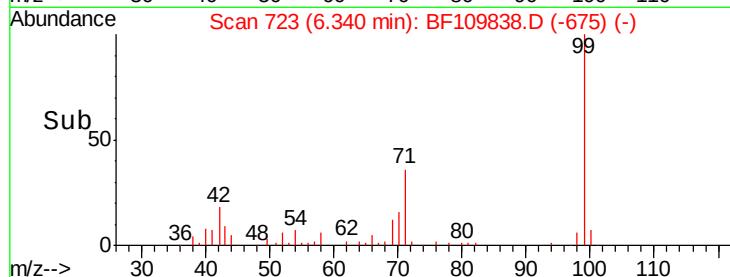
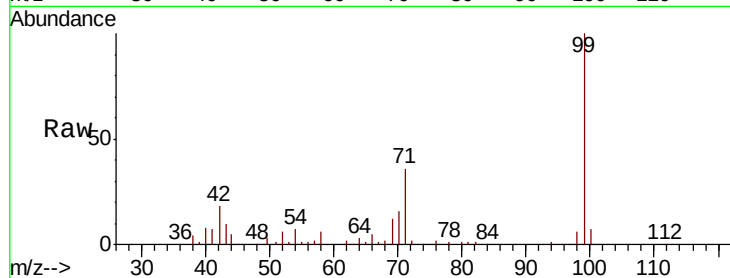
Tot Ion: 99 Resp: 178069

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

71 35.6 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: BF109838.D

Acq: 12 Oct 2018 17:18

Tgt Ion: 136 Resp: 435148

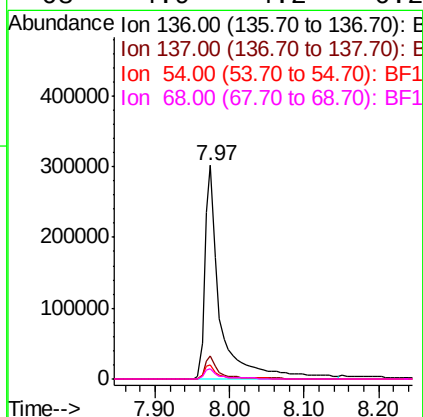
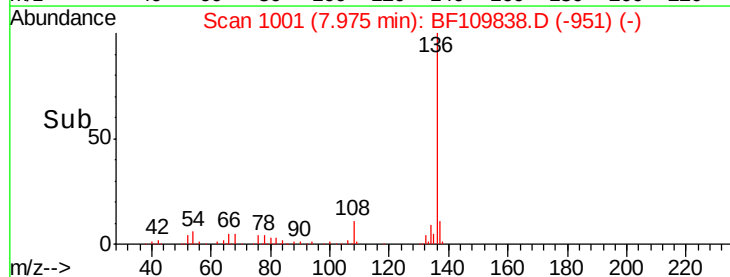
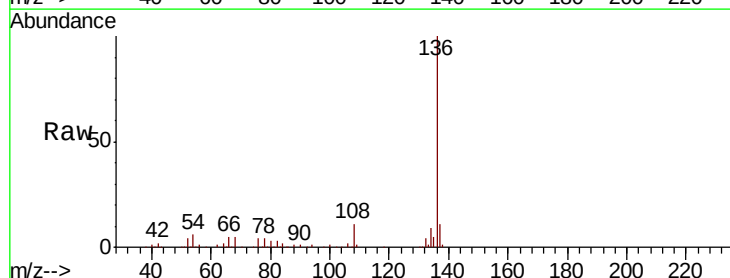
Ion Ratio Lower Upper

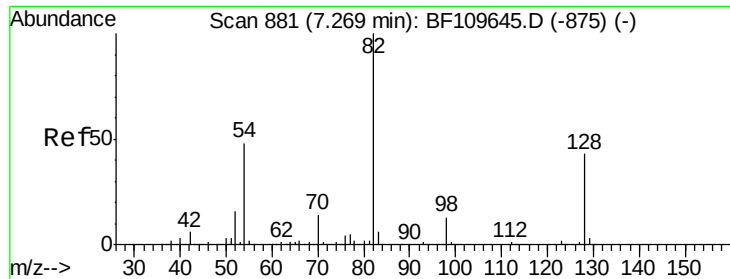
136 100

137 10.6 8.8 13.2

54 6.4 5.4 8.2

68 4.9 4.2 6.2

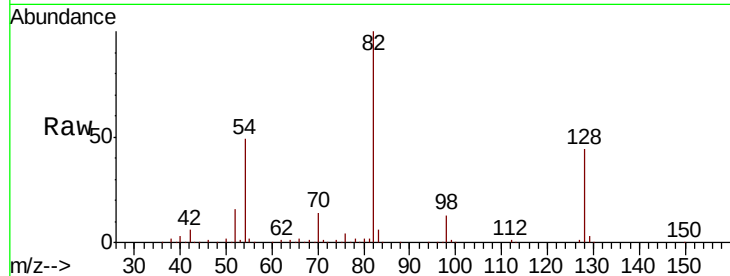




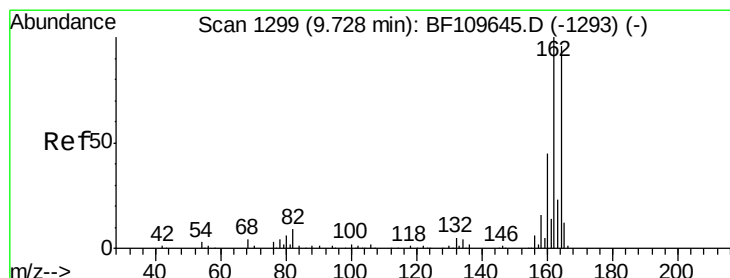
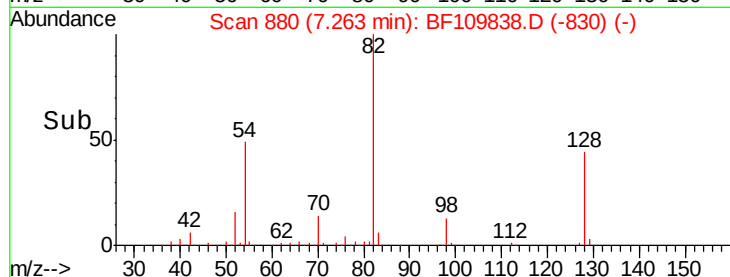
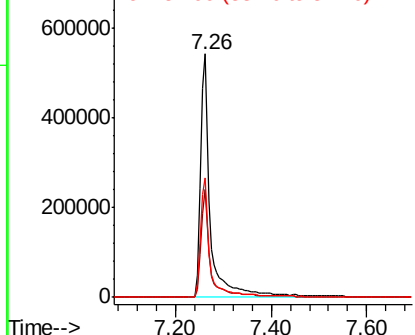
#23  
 Nitrobenzene-d5  
 Concen: 99.202 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF109838.D  
 Acq: 12 Oct 2018 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100818-SIDI-E-D-S

| Tot Ion   | 82    | Resp  | 783107 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.2  | 34.2  | 51.2   |
| 54        | 48.8  | 38.6  | 58.0   |

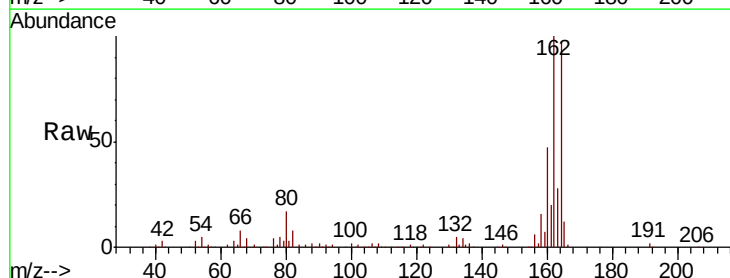


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

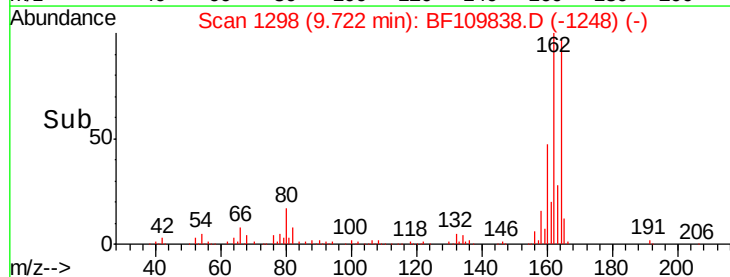
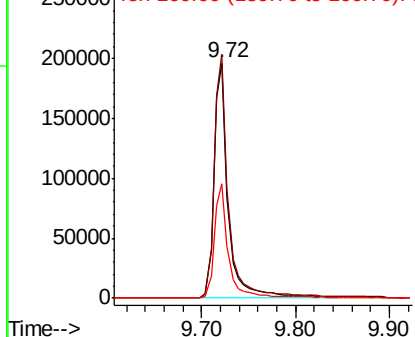


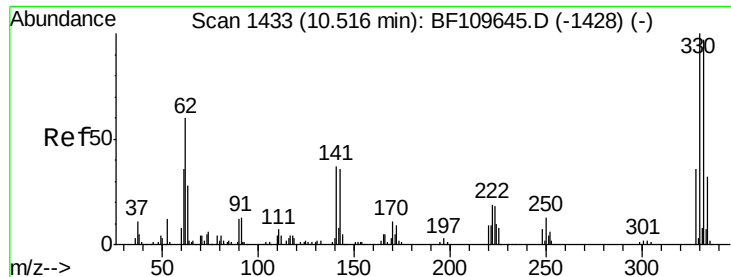
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109838.D  
 Acq: 12 Oct 2018 17:18

| Tgt Ion   | 164   | Resp  | 212705 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.5 | 83.0  | 124.6  |
| 160       | 48.7  | 37.0  | 55.6   |



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

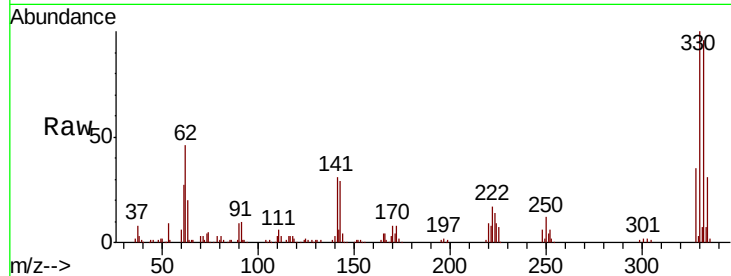




#41  
 2,4,6-Tribromophenol  
 Concen: 85.099 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF109838.D  
 Acq: 12 Oct 2018 17:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100818-SIDI-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.7  | 77.1  | 115.7 |
| 141     | 35.6  | 27.0  | 40.4  |

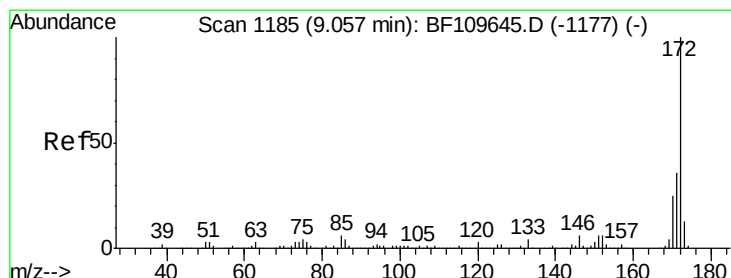
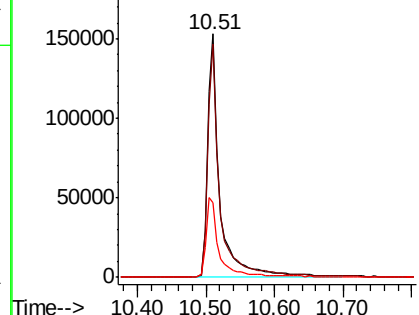
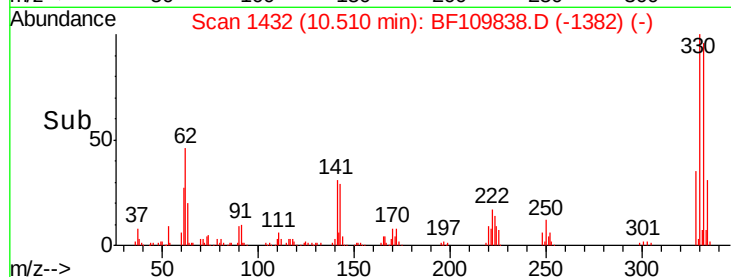


Abundance

Ion 329.80 (329.50 to 330.50): E

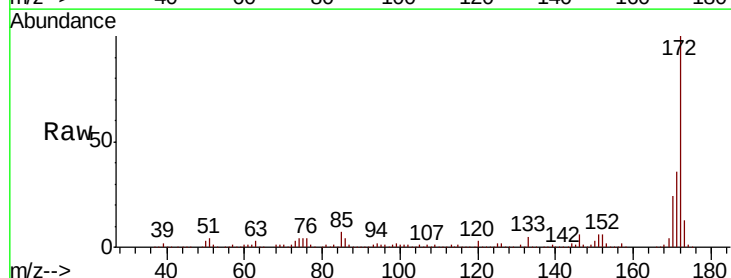
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 89.358 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109838.D  
 Acq: 12 Oct 2018 17:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.6  | 43.0  |
| 170     | 24.2  | 19.7  | 29.5  |

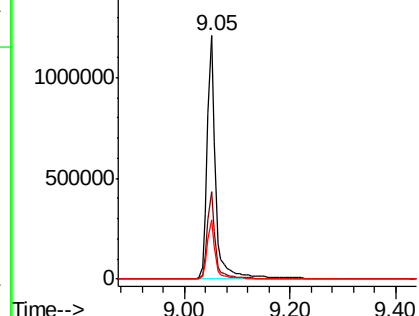
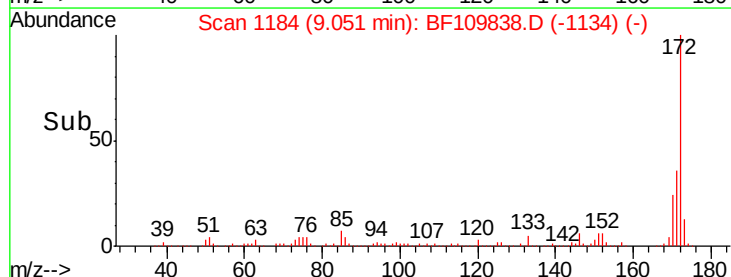


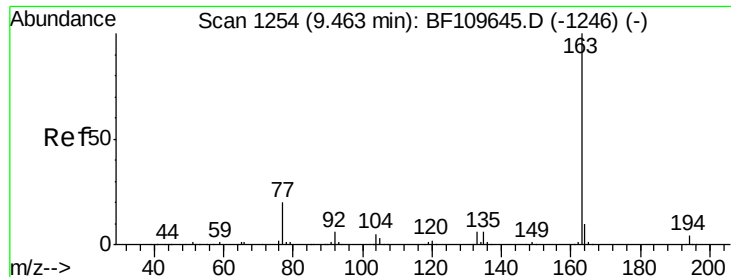
Abundance

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

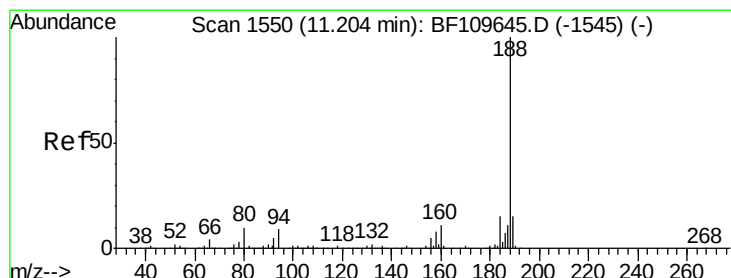
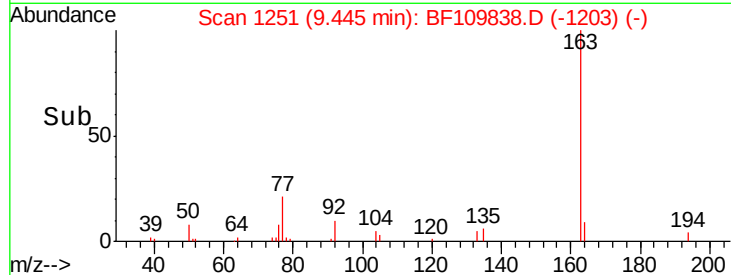
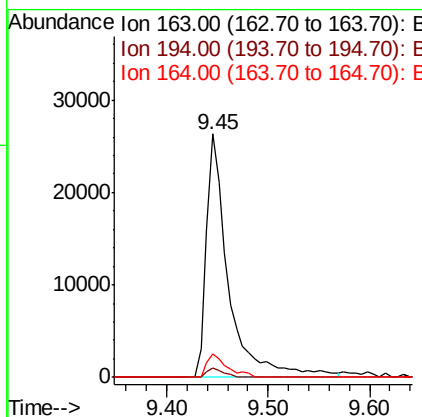
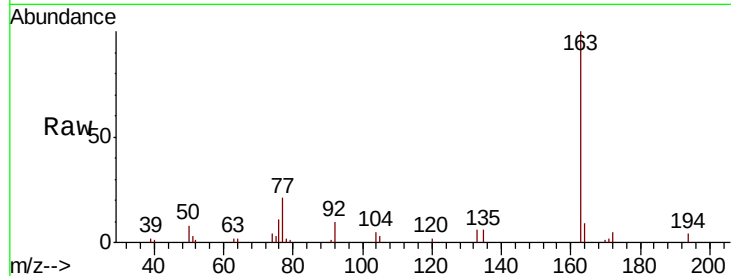




#49  
Dimethylphthalate  
Concen: 2.572 ng  
RT: 9.45 min Scan# 1251  
Delta R.T. -0.02 min  
Lab File: BF109838.D  
Acq: 12 Oct 2018 17:18

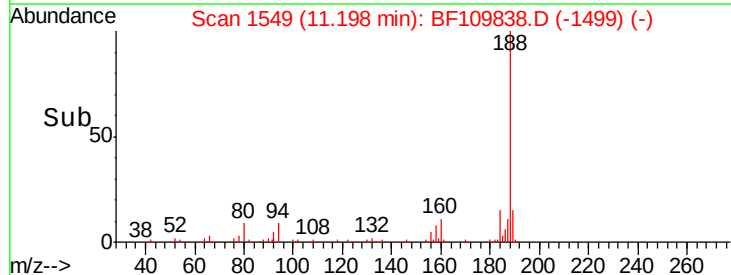
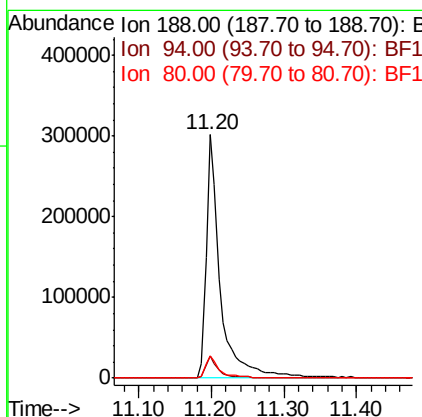
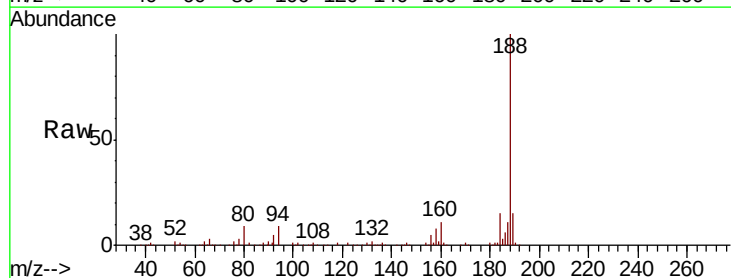
Instrument :  
BNA\_F  
ClientSampleId :  
100818-SIDI-E-D-S

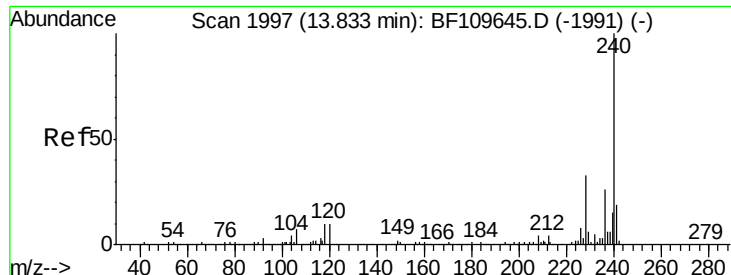
Tot Ion:163 Resp: 40126  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 9.4 8.1 12.1



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. -0.01 min  
Lab File: BF109838.D  
Acq: 12 Oct 2018 17:18

Tgt Ion:188 Resp: 407704  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.2 10.8  
80 9.3 7.9 11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109838.D

Acq: 12 Oct 2018 17:18

Instrument :

BNA\_F

ClientSampleId :

100818-SIDI-E-D-S

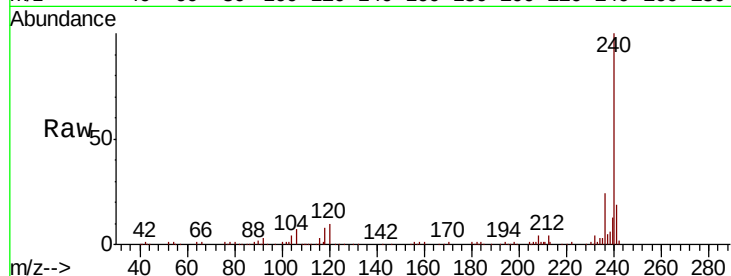
Tot Ion:240 Resp: 260605

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

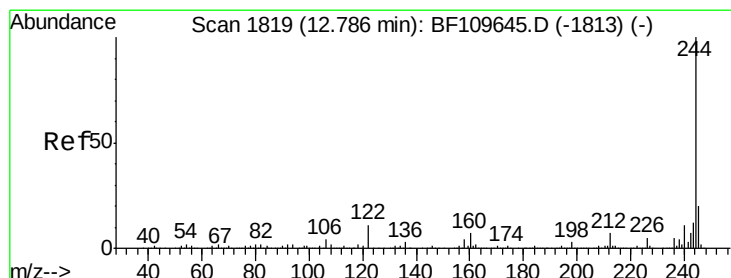
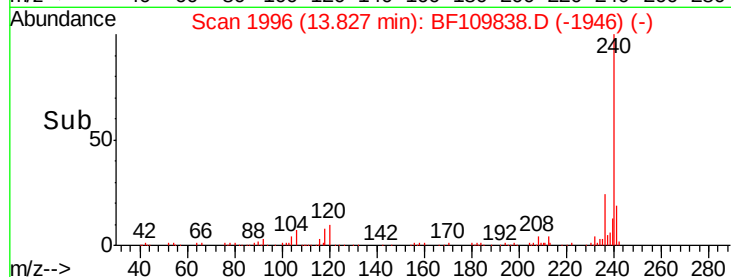
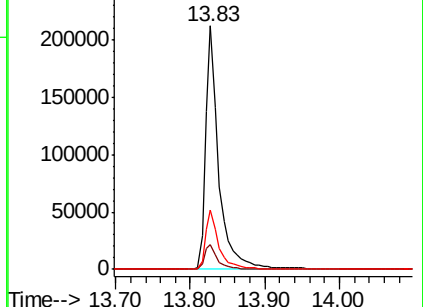
236 24.1 21.2 31.8



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: 94.145 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109838.D

Acq: 12 Oct 2018 17:18

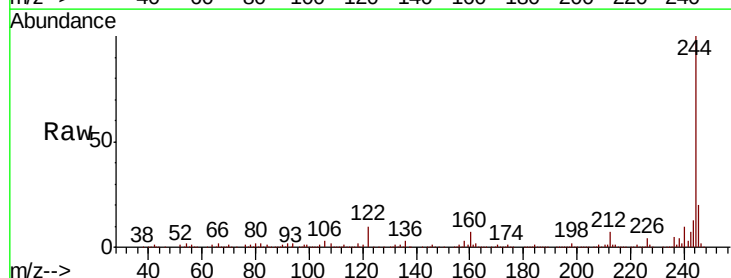
Tgt Ion:244 Resp: 1267388

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

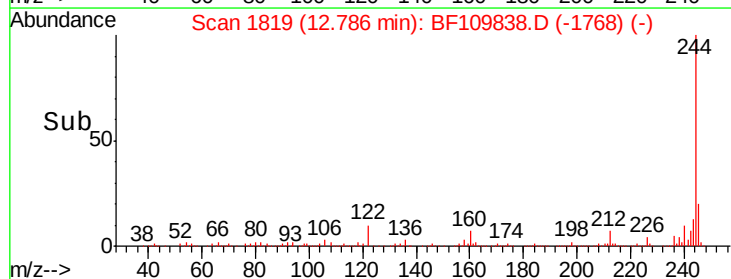
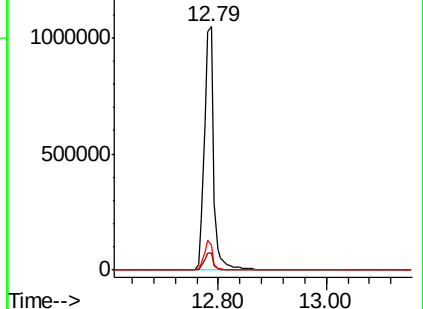
122 10.2 8.7 13.1



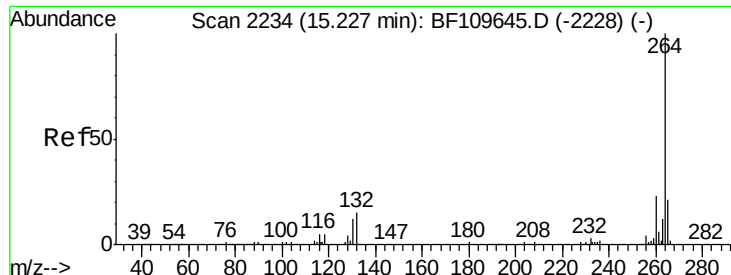
Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109838.D  
Acq: 12 Oct 2018 17:18

Instrument :  
BNA\_F  
ClientSampleId :  
100818-SIDI-E-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 18.7  | 28.1  |
| 265     | 21.8  | 16.7  | 25.1  |

