

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\  
 Data File : BF112104.D  
 Acq On : 17 Jan 2019 22:51  
 Operator : JU/SJ  
 Sample : K1164-05  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 011519-BLST-E-U-M

Quant Time: Jan 18 01:06:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 16 18:22:05 2019  
 Response via : Initial Calibration

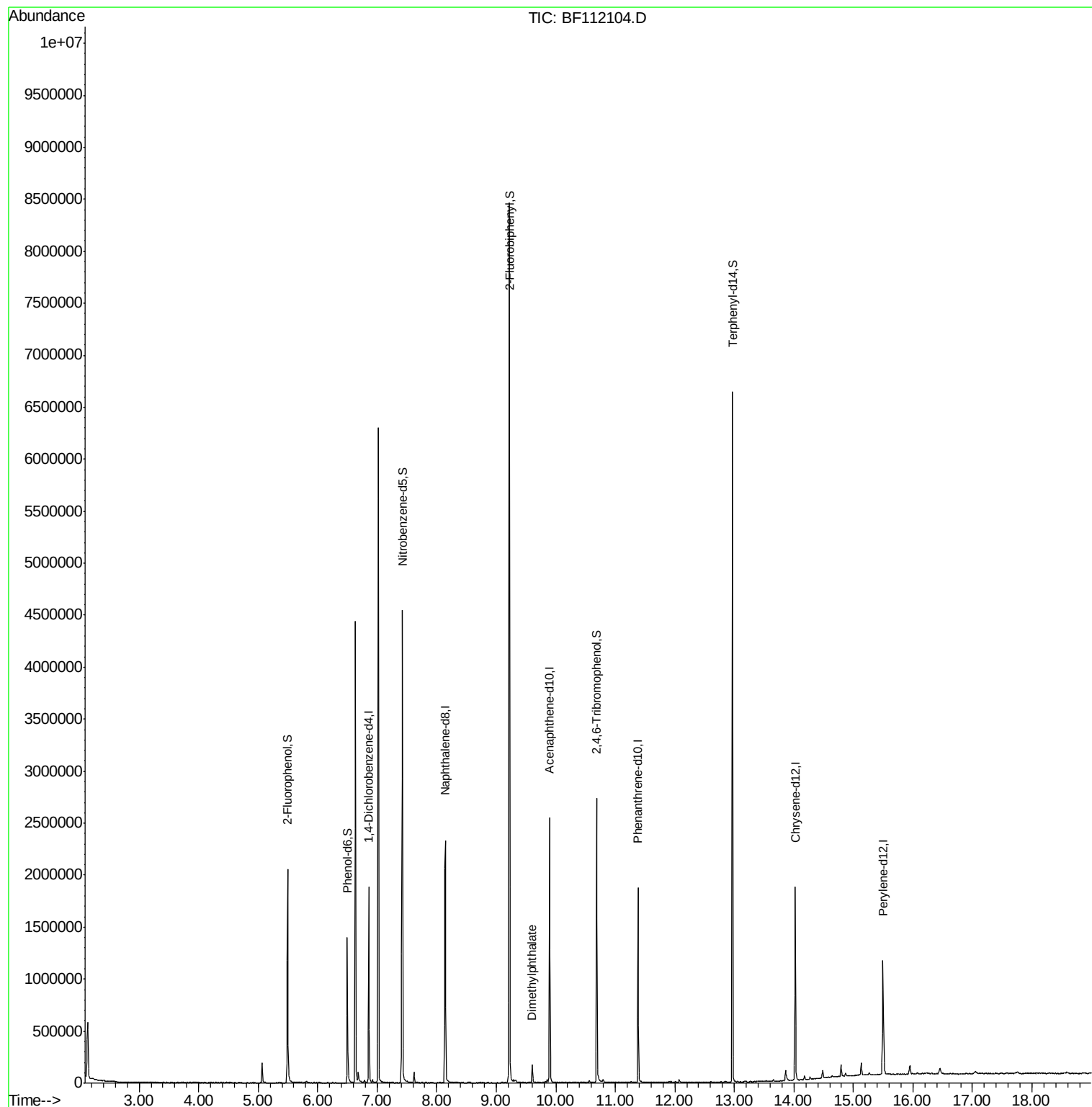
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 302856   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.15  | 136  | 1085008  | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.90  | 164  | 475207   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.39 | 188  | 743481   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.02 | 240  | 666872   | 20.00 | ng    | -0.01     |
| 87) Perylene-d12            | 15.50 | 264  | 515241   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.49  | 112  | 571410   | 34.25 | ng    | 0.00      |
| 7) Phenol-d6                | 6.50  | 99   | 434294   | 20.80 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 1528580  | 97.33 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 339607   | 66.25 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 2762246  | 85.22 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.97 | 244  | 2164885  | 69.06 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.60  | 163  | 74746    | 2.157 | ng    | Qvalue 99 |

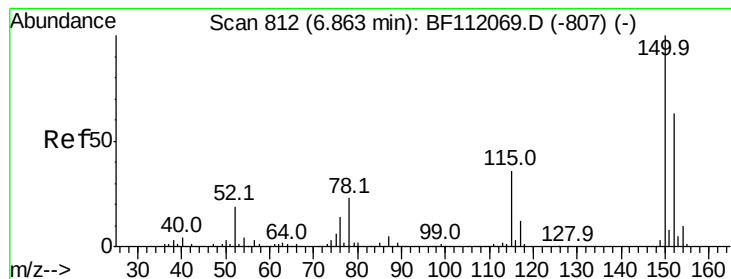
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\  
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Sample : K1164-05  
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BNA\_F  
ClientSampleId :  
011519-BLST-E-U-M

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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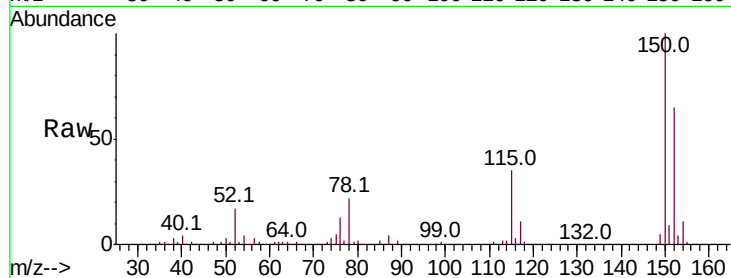


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 011519-BLST-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.5 | 127.4 | 191.0 |
| 115     | 53.4  | 45.5  | 68.3  |

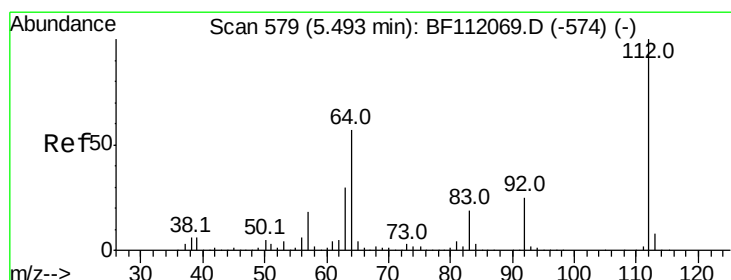
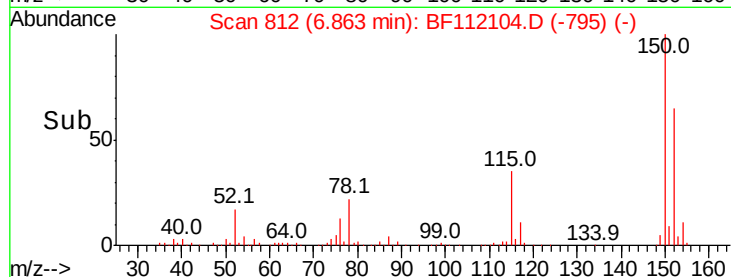
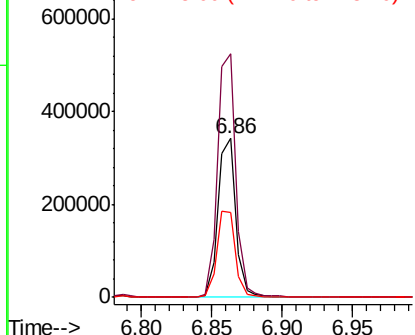


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

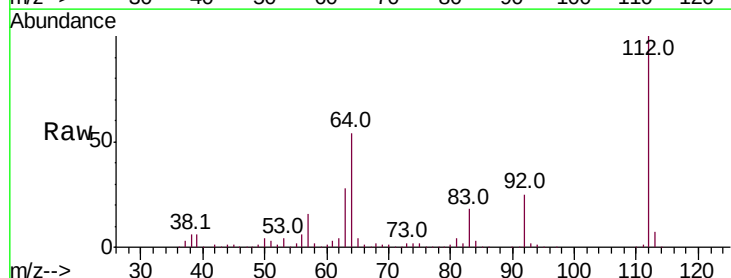
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 34.245 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. -0.00 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.4  | 45.7  | 68.5  |
| 63      | 28.0  | 23.6  | 35.4  |

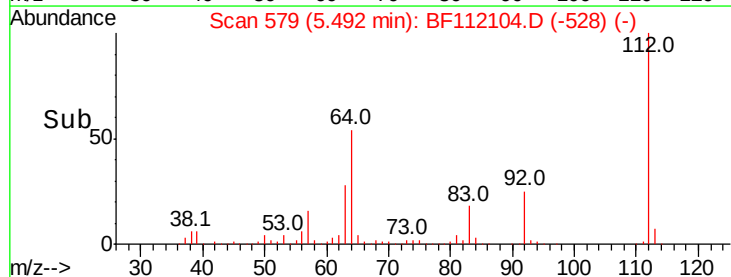
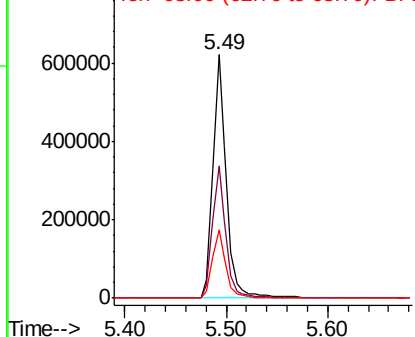


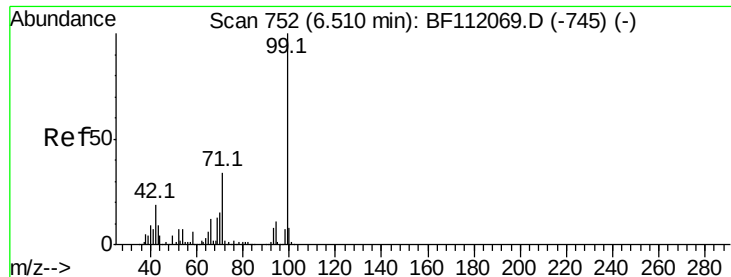
Abundance

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: 20.803 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112104.D

Acq: 17 Jan 2019 22:51

Instrument :

BNA\_F

ClientSampleId :

011519-BLST-E-U-M

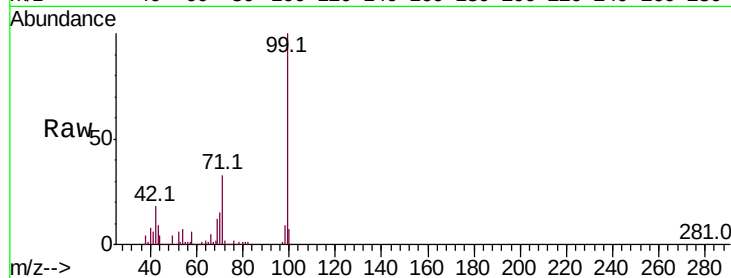
Tot Ion: 99 Resp: 434294

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

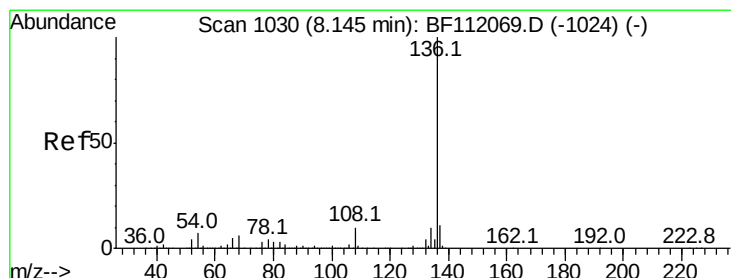
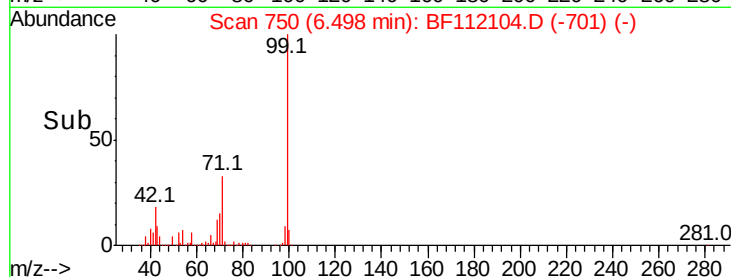
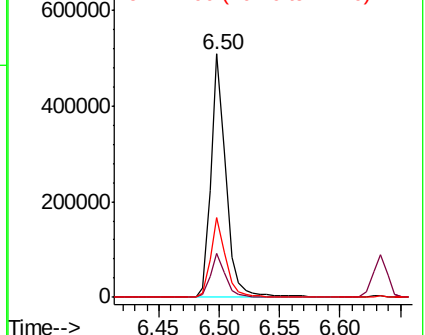
71 32.9 26.9 40.3



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: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112104.D

Acq: 17 Jan 2019 22:51

Tgt Ion: 136 Resp: 1085008

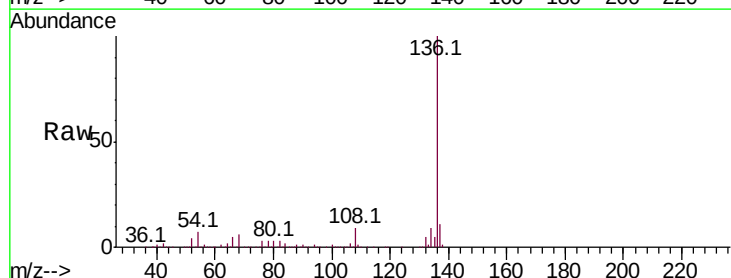
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.7 5.9 8.9

68 5.7 5.1 7.7

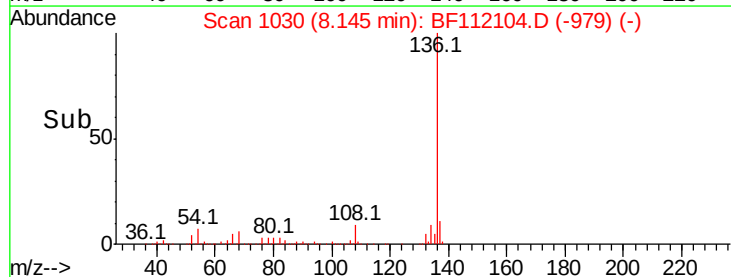
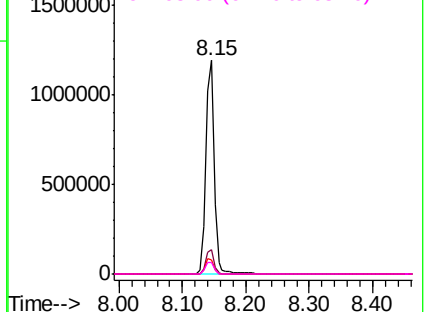


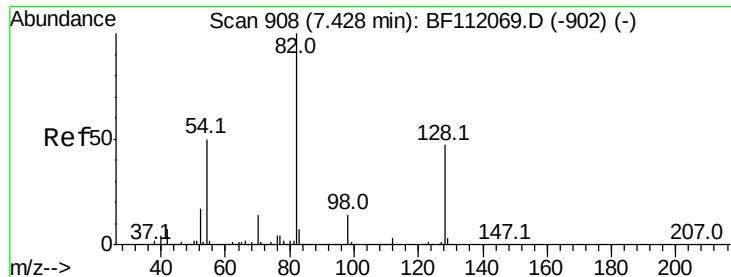
Abundance Ion 136.00 (135.70 to 136.70): E

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

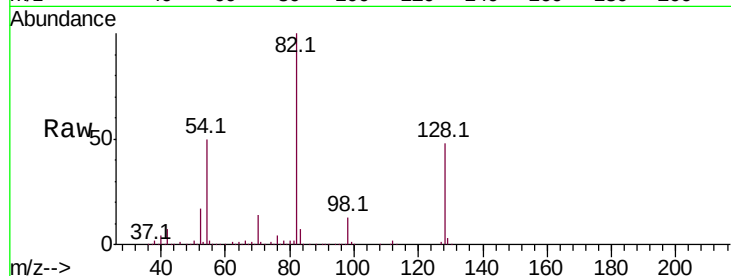




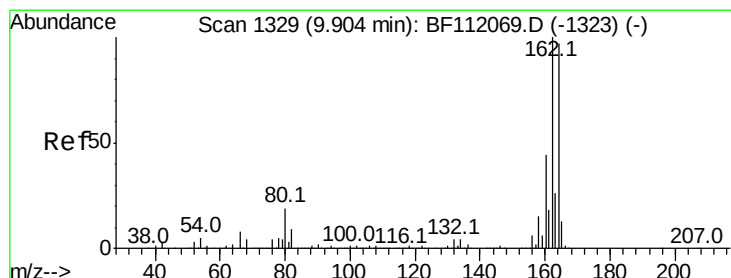
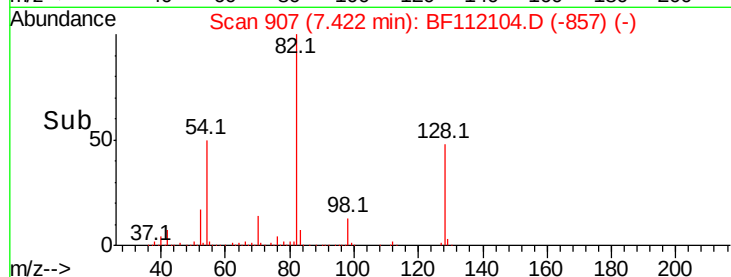
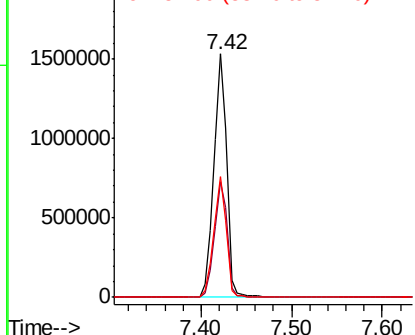
#23  
 Nitrobenzene-d5  
 Concen: 97.334 ng  
 RT: 7.42 min Scan# 907  
 Delta R.T. -0.01 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 011519-BLST-E-U-M

Tot Ion: 82 Resp: 1528580  
 Ion Ratio Lower Upper  
 82 100  
 128 47.6 37.8 56.8  
 54 49.5 39.7 59.5

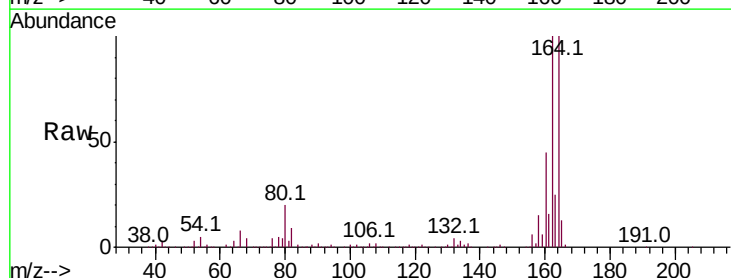


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

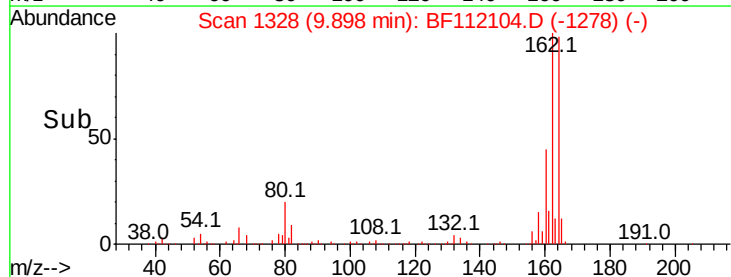
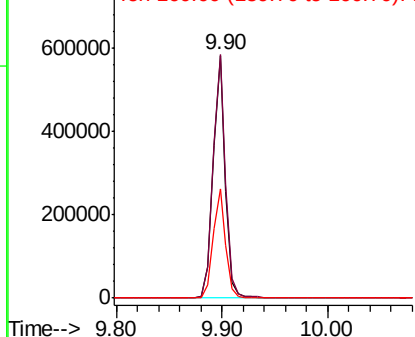


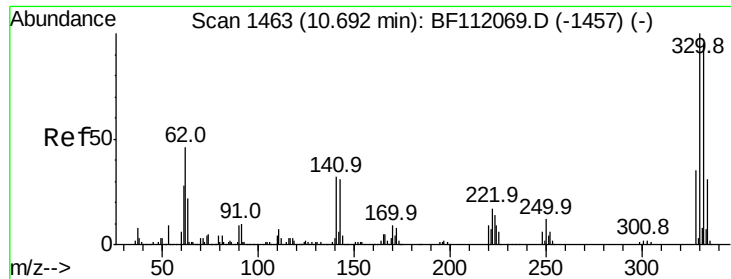
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

Tgt Ion: 164 Resp: 475207  
 Ion Ratio Lower Upper  
 164 100  
 162 100.5 82.2 123.4  
 160 44.9 36.2 54.4



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

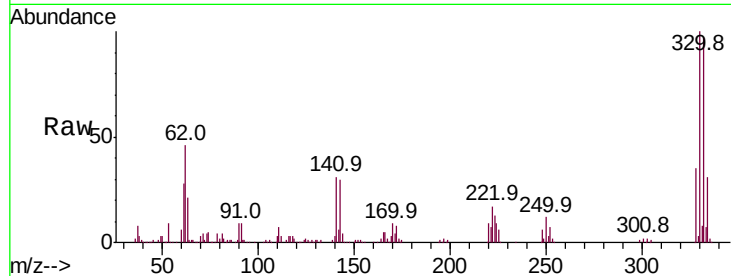




#42  
 2,4,6-Tribromophenol  
 Concen: 66.246 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 011519-BLST-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 76.6  | 114.8 |
| 141     | 30.3  | 24.3  | 36.5  |

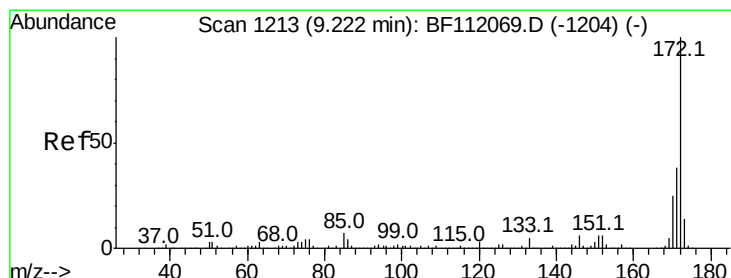
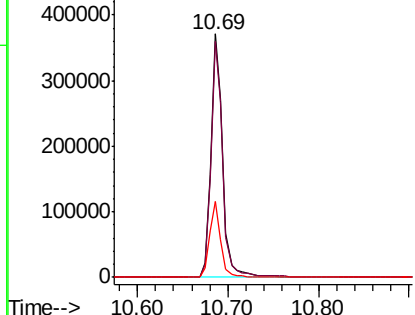
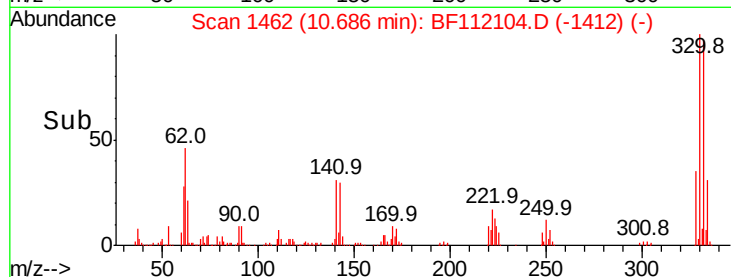


Abundance

Ion 329.80 (329.50 to 330.50): E

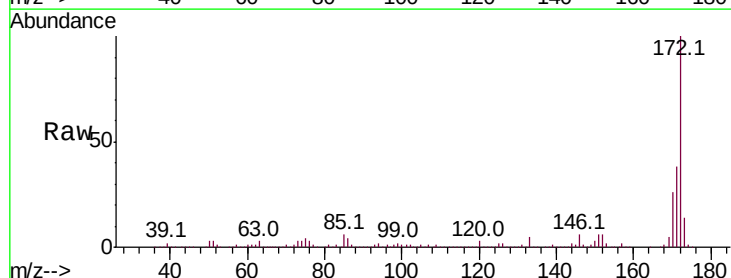
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 85.221 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BF112104.D  
 Acq: 17 Jan 2019 22:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 30.5  | 45.7  |
| 170     | 25.7  | 20.2  | 30.4  |

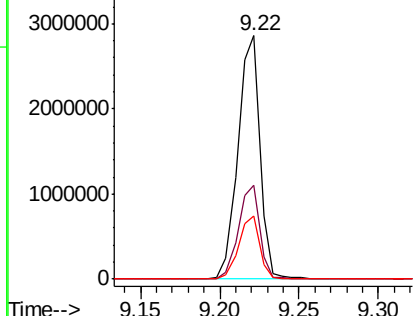
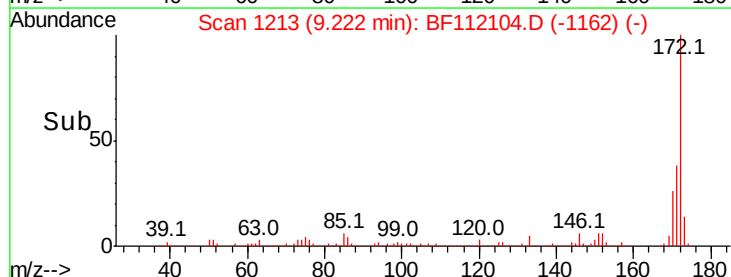


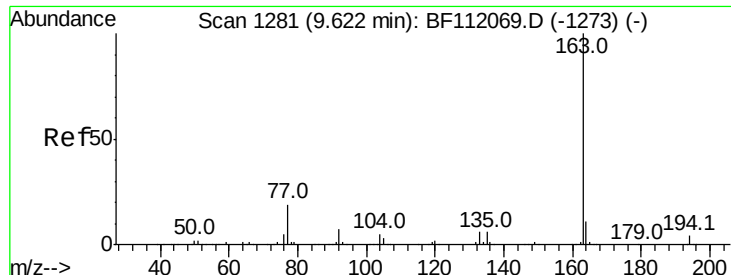
Abundance

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

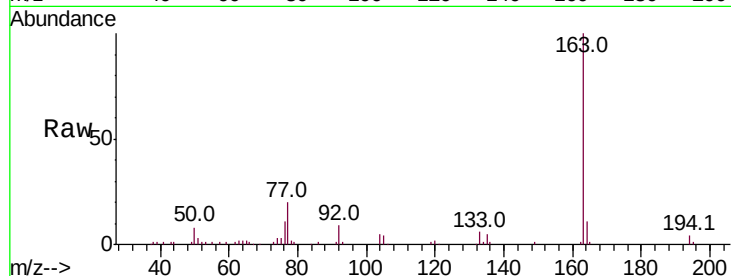




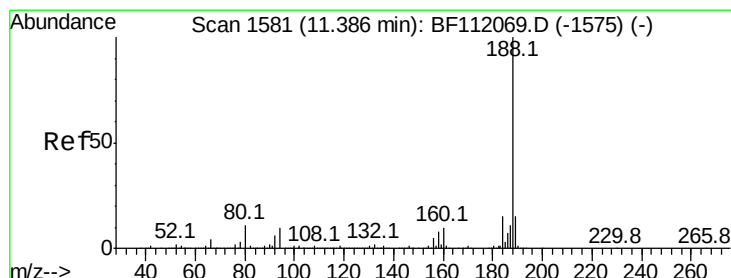
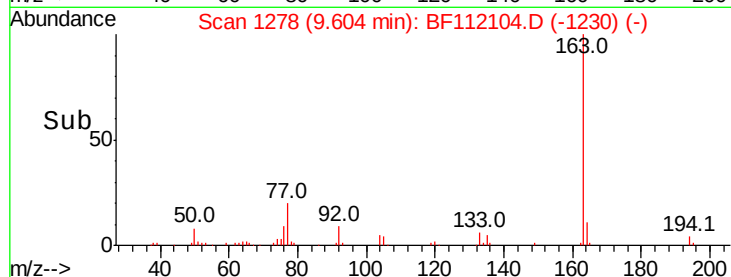
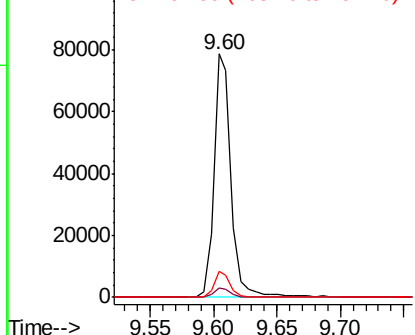
#50  
Dimethylphthalate  
Concen: 2.157 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. -0.02 min  
Lab File: BF112104.D  
Acq: 17 Jan 2019 22:51

Instrument :  
BNA\_F  
ClientSampleId :  
011519-BLST-E-U-M

Tot Ion:163 Resp: 74746  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.3 4.9  
164 10.8 8.5 12.7

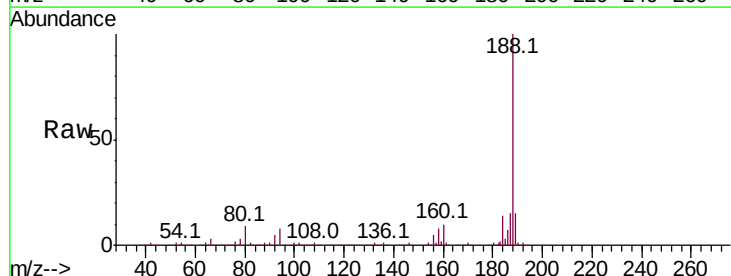


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

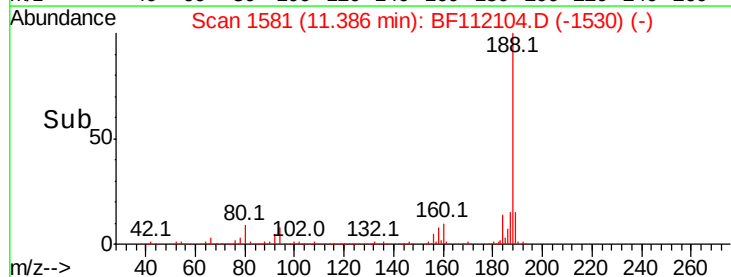
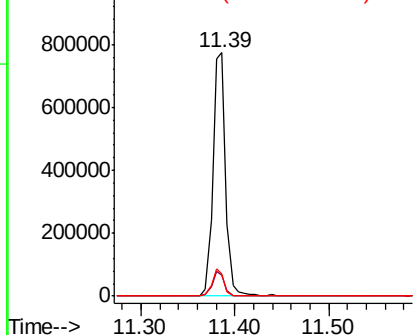


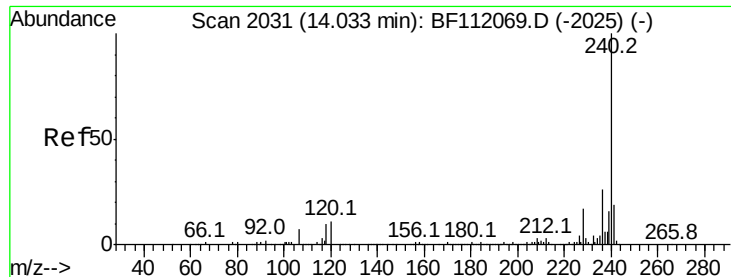
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: BF112104.D  
Acq: 17 Jan 2019 22:51

Tgt Ion:188 Resp: 743481  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.2 12.2  
80 9.0 8.9 13.3



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF112104.D

Acq: 17 Jan 2019 22:51

Instrument :

BNA\_F

ClientSampleId :

011519-BLST-E-U-M

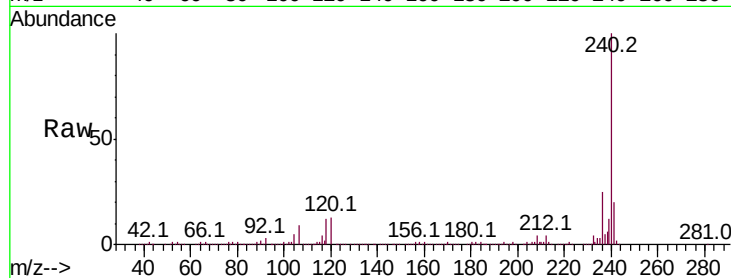
Tot Ion:240 Resp: 666872

Ion Ratio Lower Upper

240 100

120 13.4 9.0 13.6

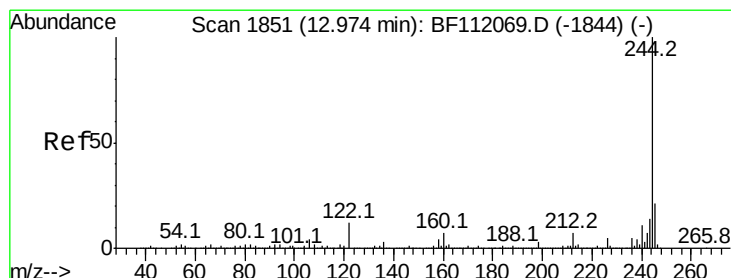
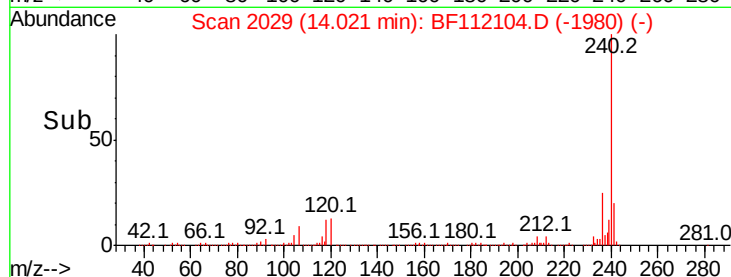
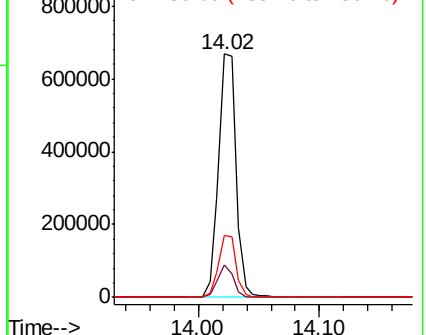
236 25.2 20.7 31.1



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



#79

Terphenyl-d14

Concen: 69.062 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112104.D

Acq: 17 Jan 2019 22:51

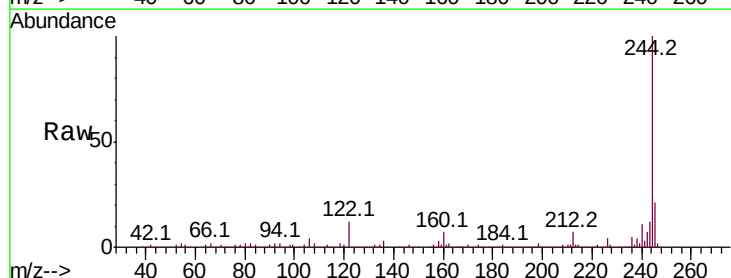
Tgt Ion:244 Resp: 2164885

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

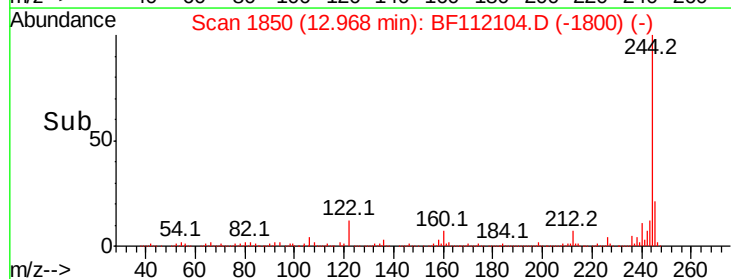
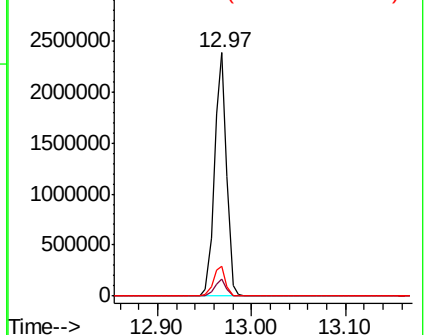
122 12.2 9.8 14.6



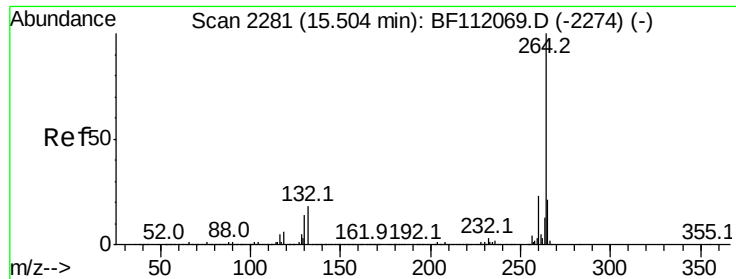
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BF112104.D  
Acq: 17 Jan 2019 22:51

Instrument :  
BNA\_F  
ClientSampleId :  
011519-BLST-E-U-M

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.2  | 27.2  |
| 265     | 21.5  | 17.0  | 25.4  |

