

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\  
 Data File : BF102466.D  
 Acq On : 26 Jan 2018 14:12  
 Operator : SJ/JU  
 Sample : J1289-11  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-13.5-14.0

Quant Time: Jan 26 16:35:16 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 26 16:18:07 2018  
 Response via : Initial Calibration

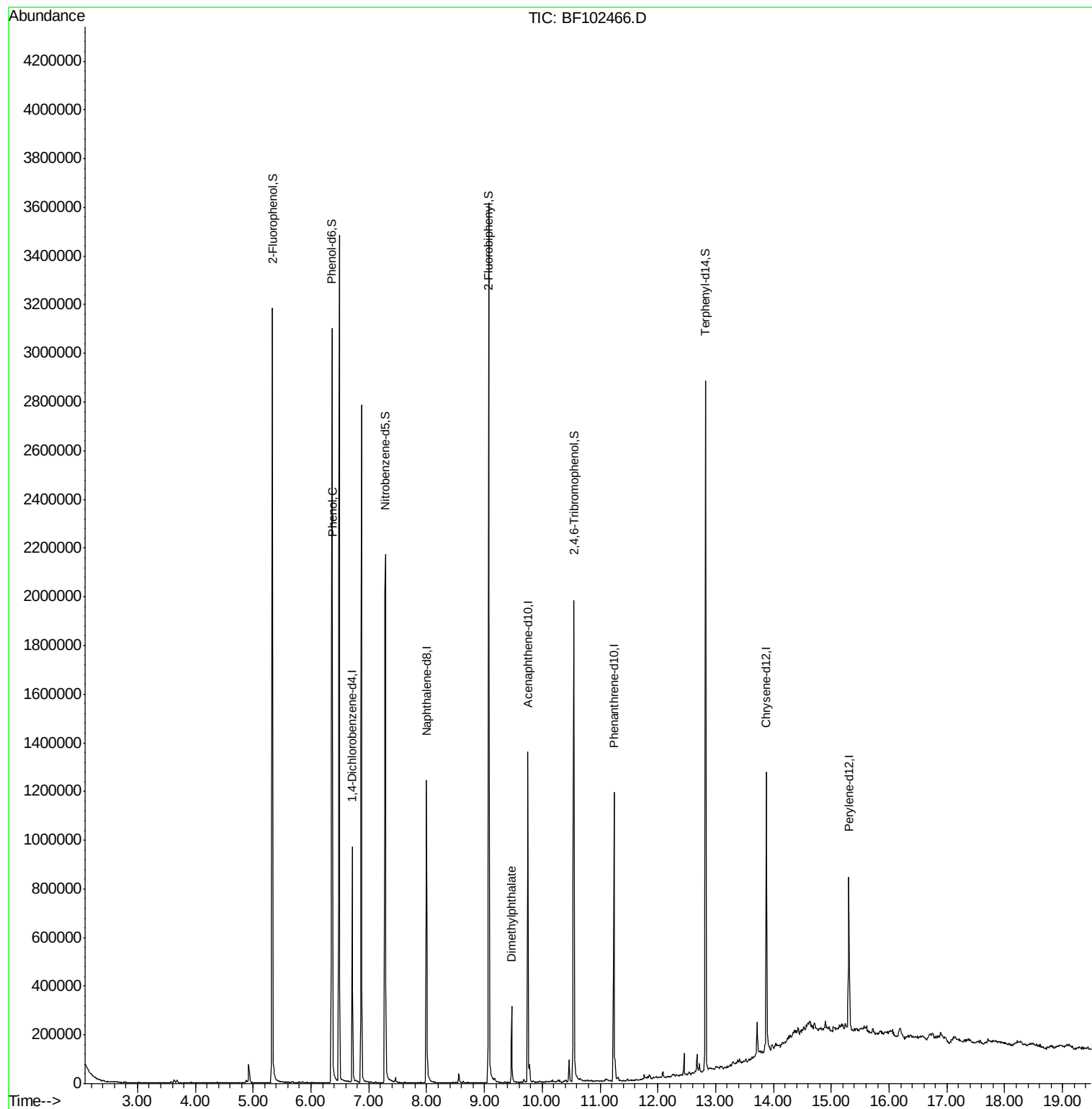
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 137417   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 573352   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 263357   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 483804   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 383213   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.30 | 264  | 307194   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 1027861  | 113.41 | ng    | 0.01     |
| 7) Phenol-d6                | 6.36  | 99   | 1261895  | 115.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 781555   | 78.34  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 243159   | 93.18  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1192162  | 66.56  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.83 | 244  | 1081369  | 63.61  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 50582    | 4.240  | ng    | 97       |
| 49) Dimethylphthalate       | 9.47  | 163  | 136653   | 6.278  | ng    | 100      |

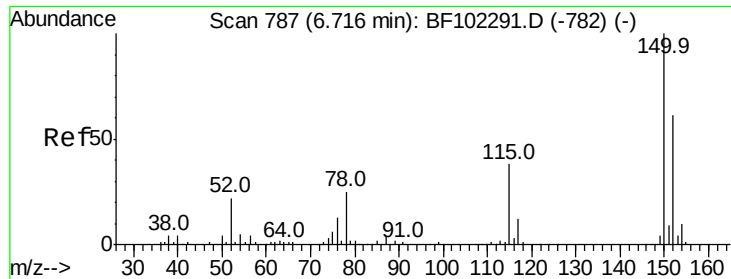
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
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SB-56-13.5-14.0

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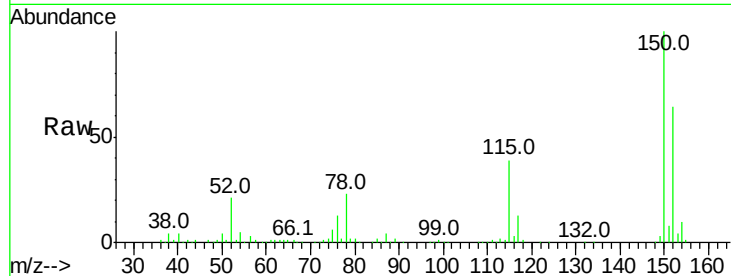


#1

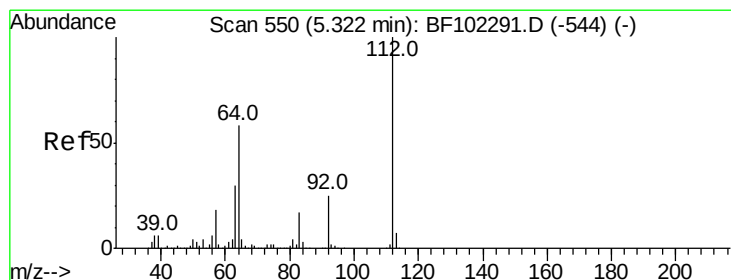
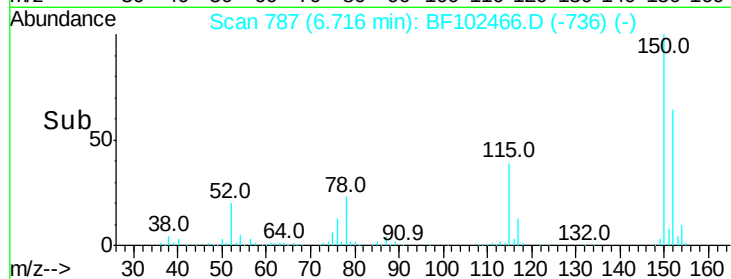
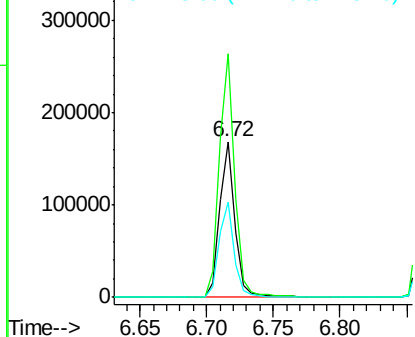
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-56-13.5-14.0

Tot Ion:152 Resp: 137417  
Ion Ratio Lower Upper  
152 100  
150 156.5 124.6 186.8  
115 60.8 50.1 75.1



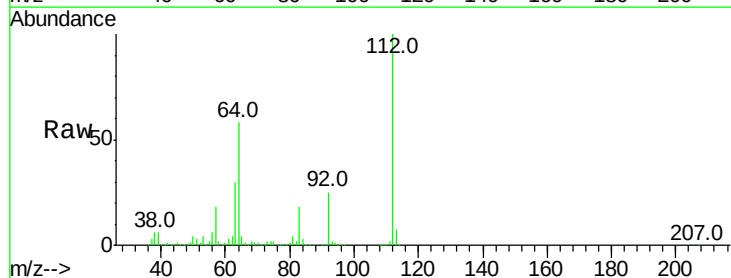
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



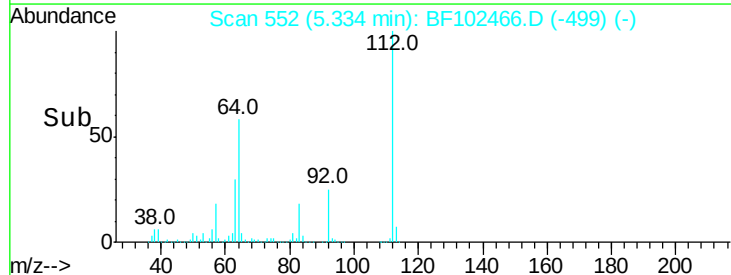
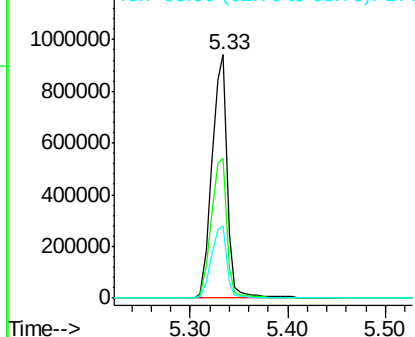
#5

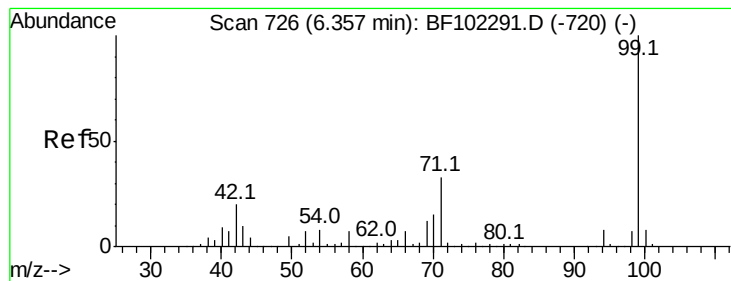
2-Fluorophenol  
Concen: 113.414 ng  
RT: 5.33 min Scan# 552  
Delta R.T. 0.01 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Tgt Ion:112 Resp: 1027861  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.9 71.9  
63 29.7 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: 115.493 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102466.D

Acq: 26 Jan 2018 14:12

Instrument :

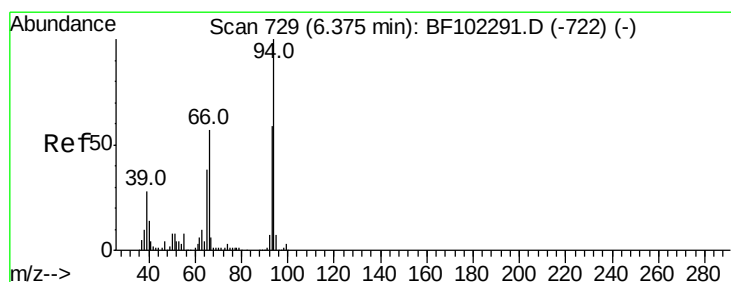
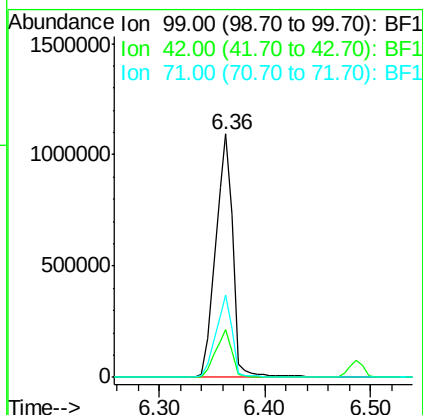
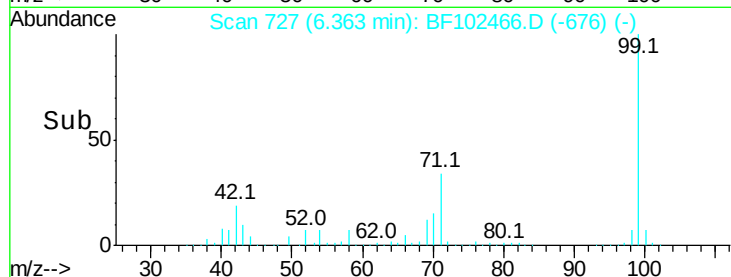
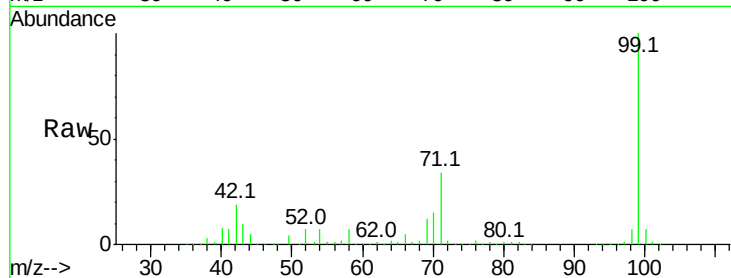
BNA\_F

ClientSampleId :

SB-56-13.5-14.0

Tot Ion: 99 Resp: 1261895

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.4  | 14.5  | 21.7  |
| 71  | 33.7  | 25.4  | 38.0  |



#10

Phenol

Concen: 4.240 ng

RT: 6.37 min Scan# 729

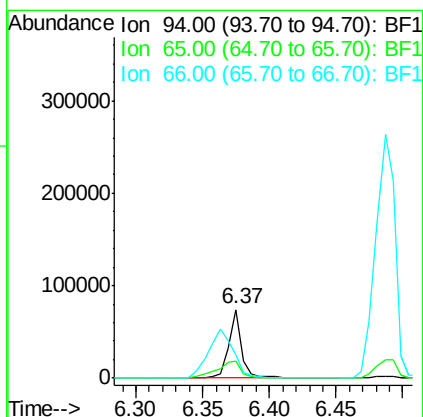
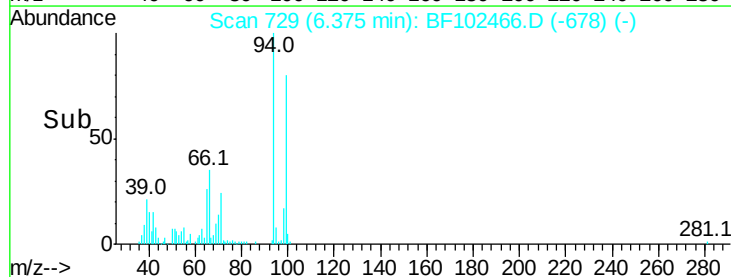
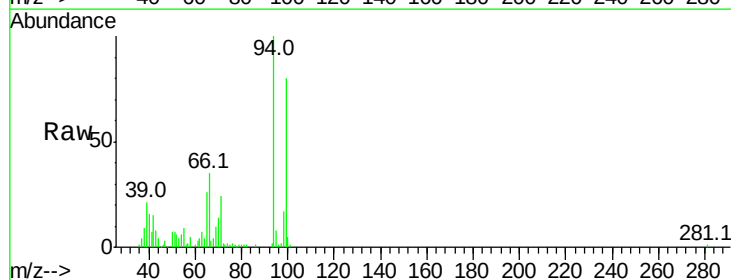
Delta R.T. 0.00 min

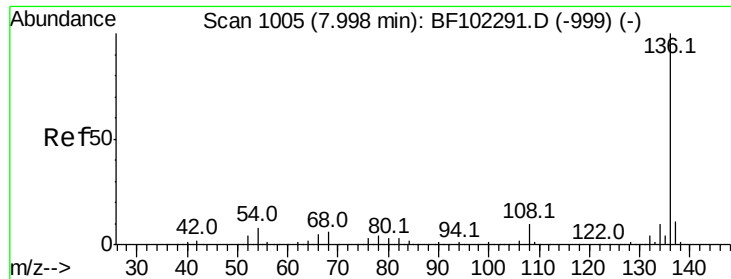
Lab File: BF102466.D

Acq: 26 Jan 2018 14:12

Tgt Ion: 94 Resp: 50582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.6  | 7.9   | 47.9  |
| 66  | 35.1  | 16.2  | 56.2  |

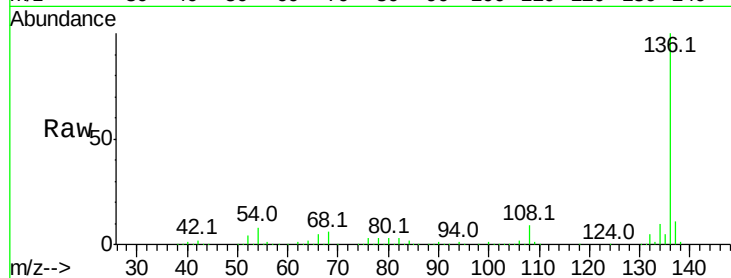




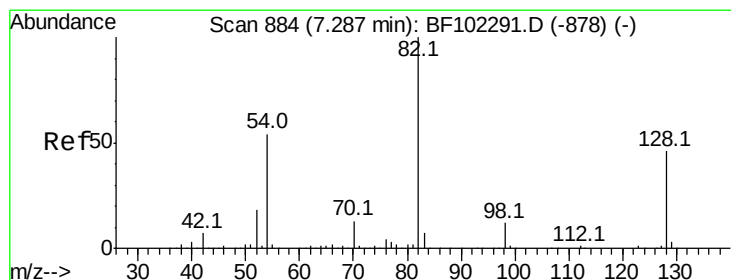
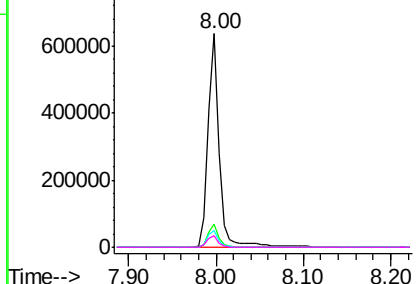
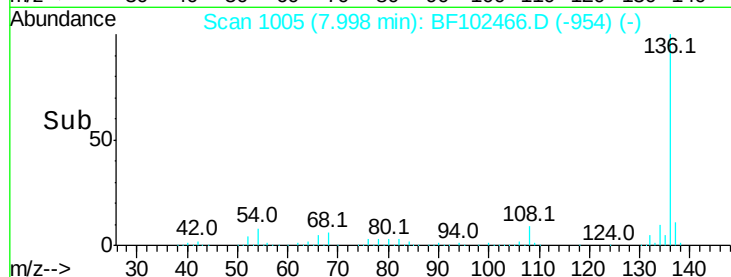
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-56-13.5-14.0

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 573352 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.9   | 13.3   |
| 54       | 7.8   | 6.6   | 9.8    |
| 68       | 5.6   | 5.0   | 7.4    |

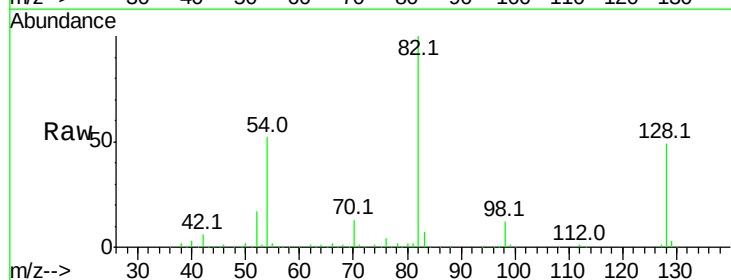


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

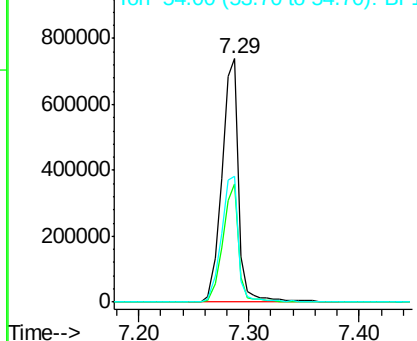
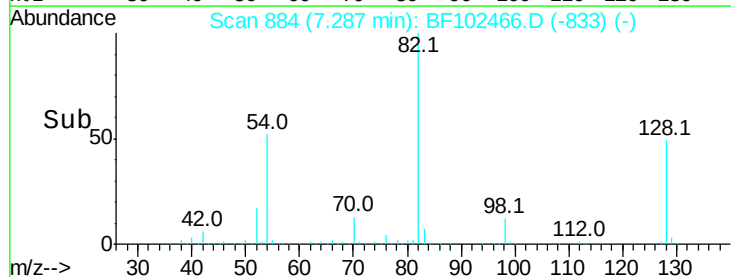


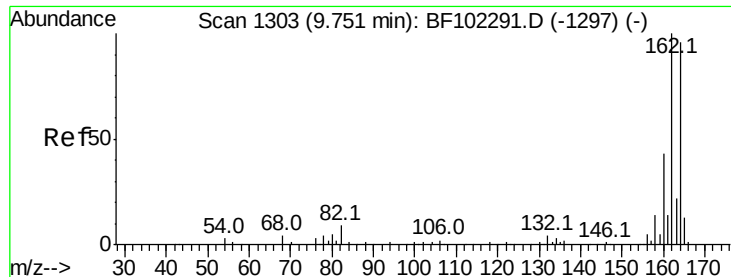
#23  
Nitrobenzene-d5  
Concen: 78.335 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.00 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 781555 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 48.6  | 36.1  | 54.1   |
| 54       | 51.6  | 41.4  | 62.2   |



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

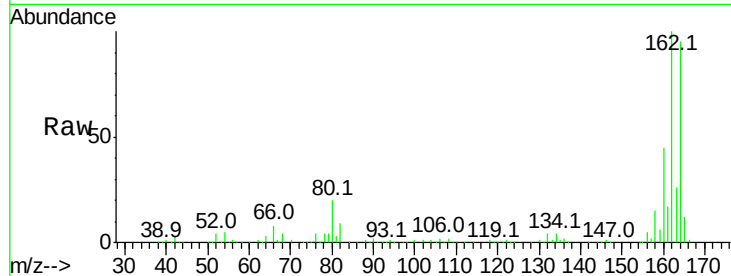




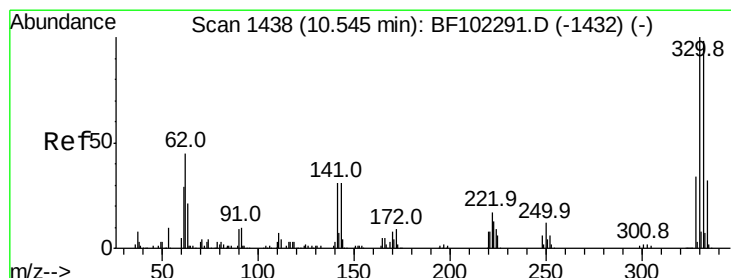
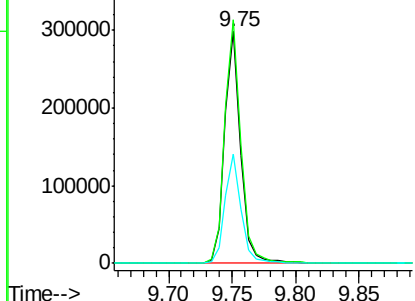
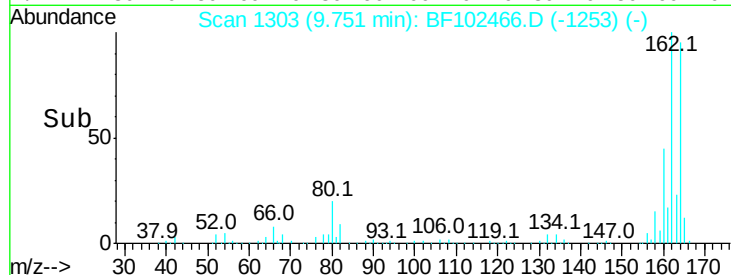
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-56-13.5-14.0

Tot Ion:164 Resp: 263357  
Ion Ratio Lower Upper  
164 100  
162 105.1 86.1 129.1  
160 47.0 38.3 57.5

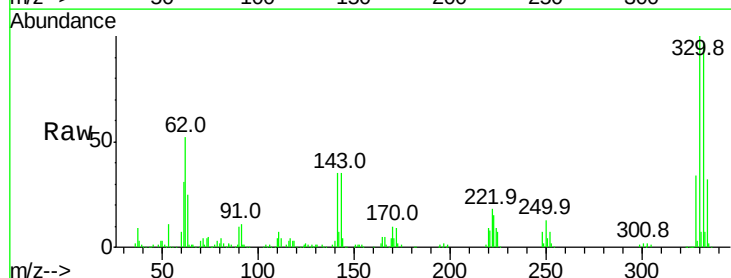


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

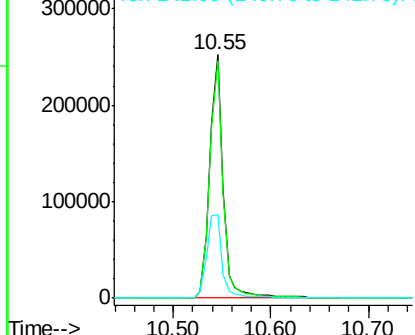
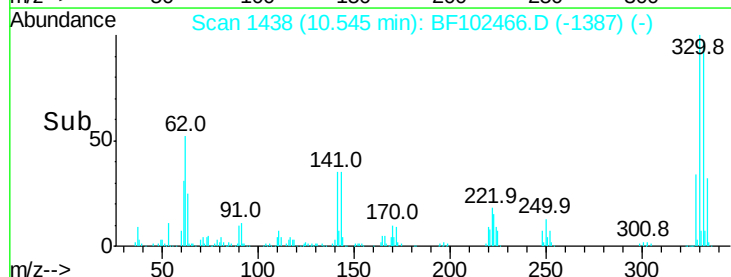


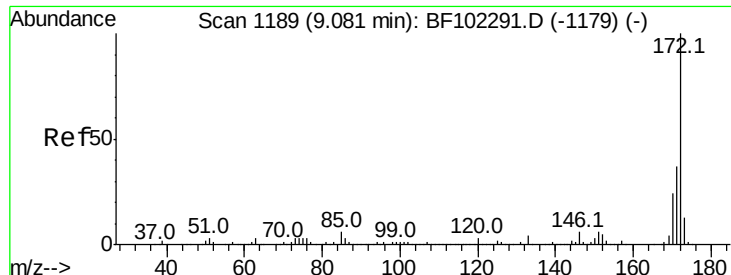
#41  
2,4,6-Tribromophenol  
Concen: 93.183 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.00 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Tgt Ion:330 Resp: 243159  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.0 115.6  
141 39.7 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



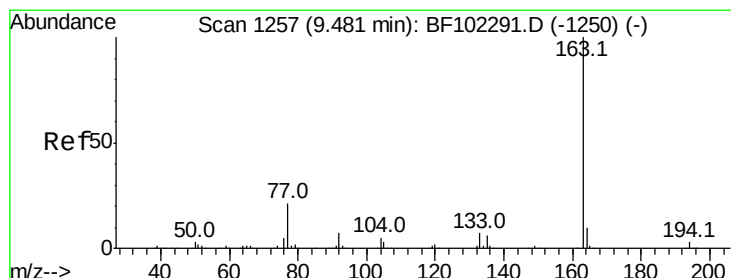
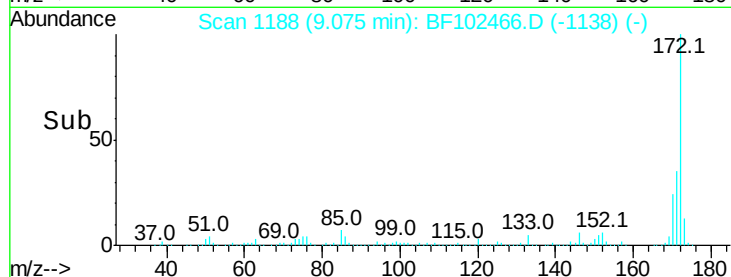
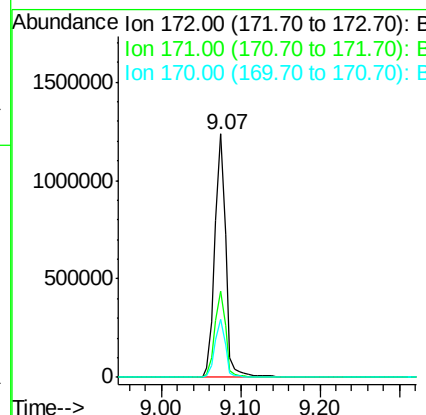
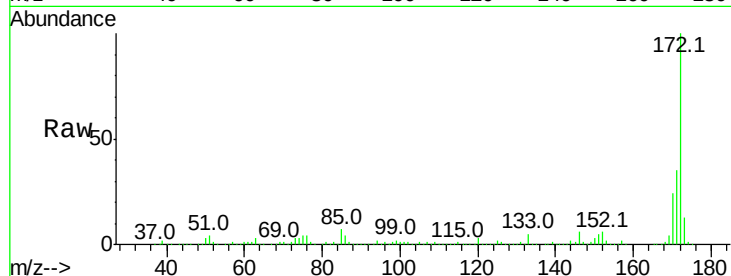


#44  
2-Fluorobiphenyl  
Concen: 66.560 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.01 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
SB-56-13.5-14.0

Tot Ion:172 Resp: 1192162

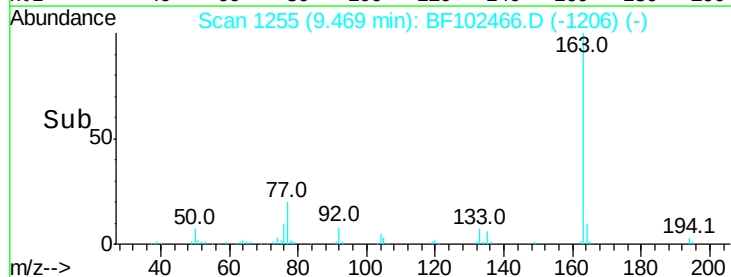
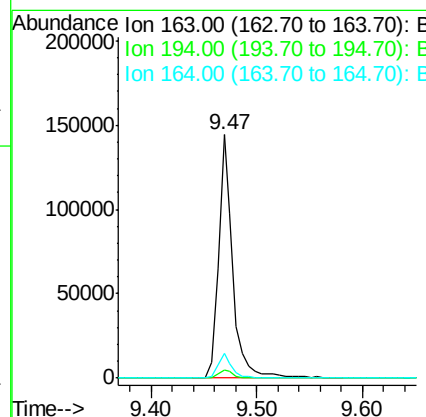
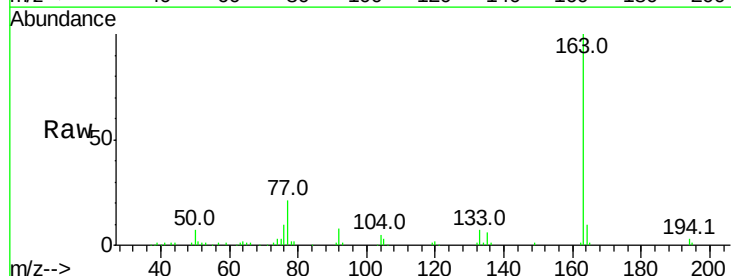
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.4  | 29.7  | 44.5  |
| 170 | 24.0  | 19.6  | 29.4  |

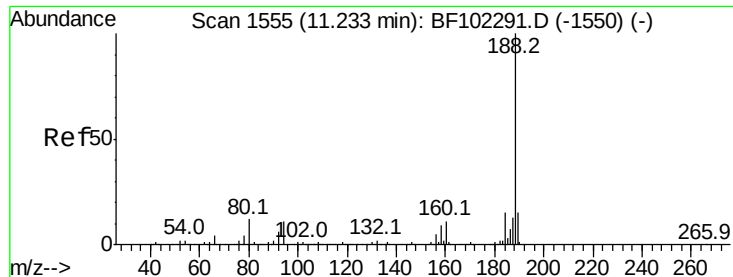


#49  
Dimethylphthalate  
Concen: 6.278 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Tgt Ion:163 Resp: 136653

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.4   | 2.7   | 4.1   |
| 164 | 10.2  | 8.2   | 12.2  |

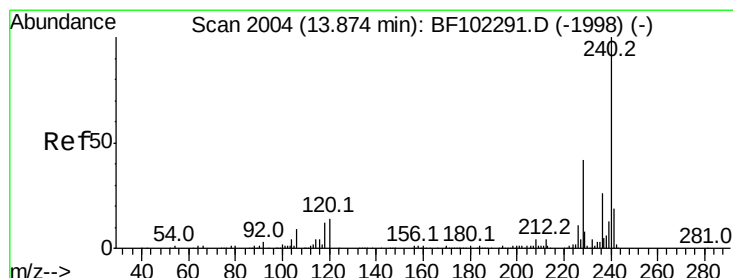
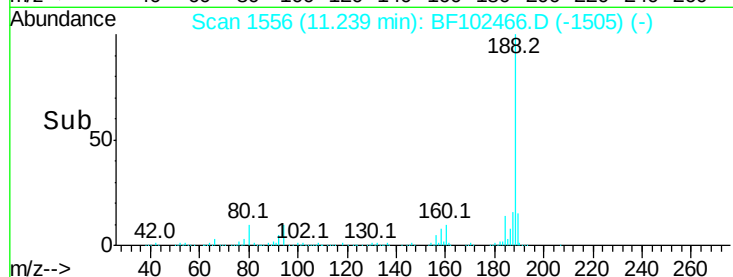
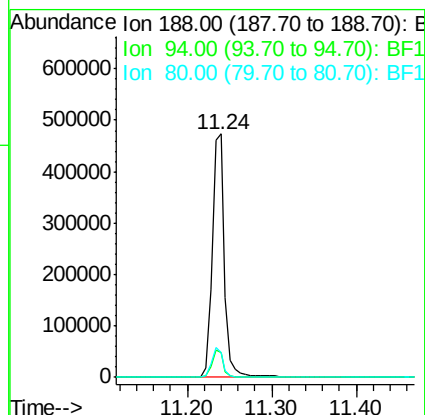
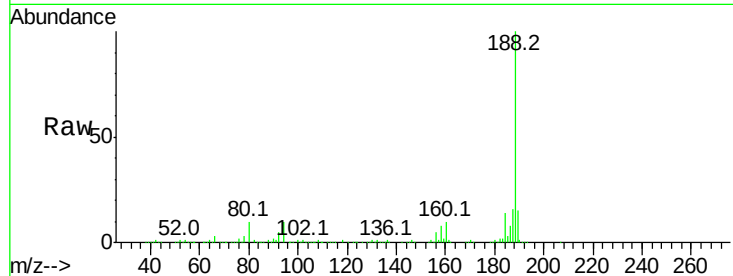




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. 0.00 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

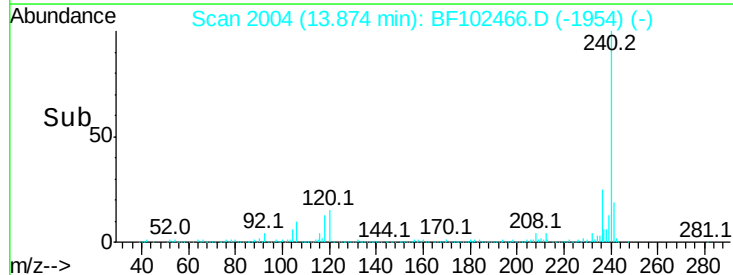
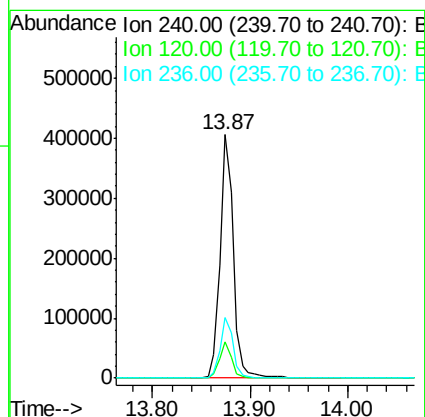
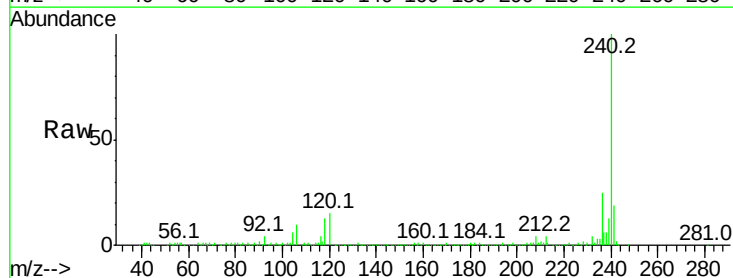
Instrument :  
BNA\_F  
ClientSampleId :  
SB-56-13.5-14.0

Tot Ion:188 Resp: 483804  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.5 12.7  
80 10.3 9.2 13.8

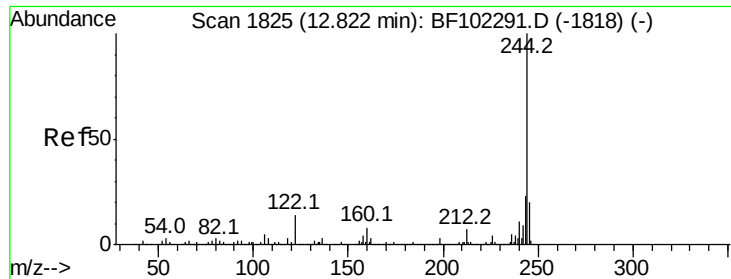


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.87 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BF102466.D  
Acq: 26 Jan 2018 14:12

Tgt Ion:240 Resp: 383213  
Ion Ratio Lower Upper  
240 100  
120 14.7 9.5 14.3#  
236 25.1 20.7 31.1



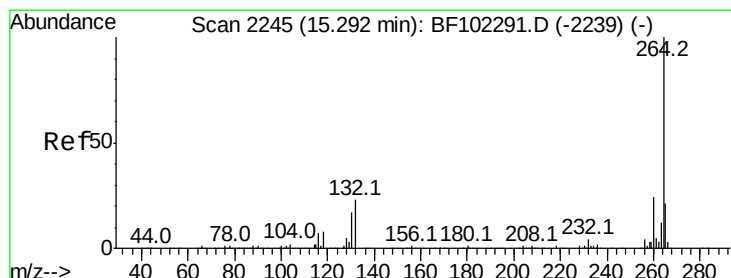
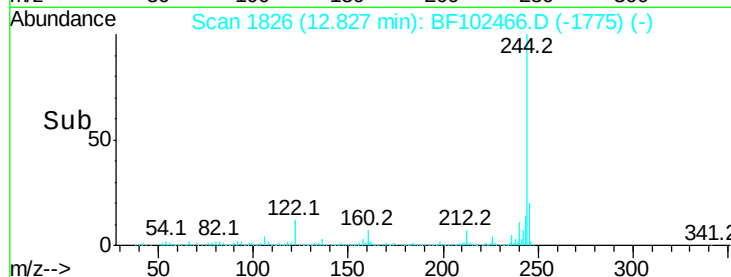
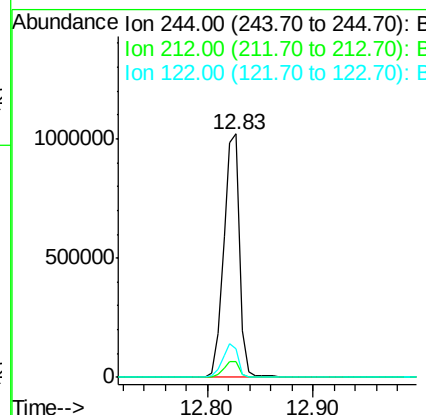
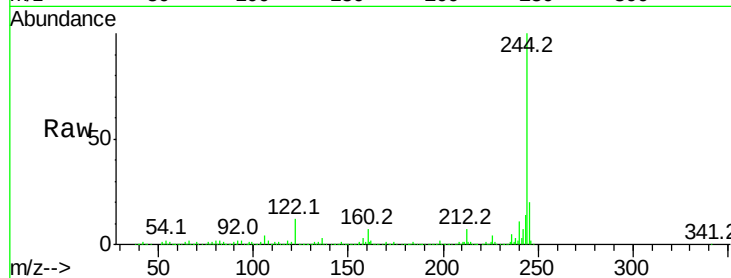




#78  
 Terphenyl-d14  
 Concen: 63.615 ng  
 RT: 12.83 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: BF102466.D  
 Acq: 26 Jan 2018 14:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-56-13.5-14.0

Tot Ion:244 Resp: 1081369  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.0  
 122 11.8 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2247  
 Delta R.T. 0.00 min  
 Lab File: BF102466.D  
 Acq: 26 Jan 2018 14:12

Tgt Ion:264 Resp: 307194  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.2 28.8  
 265 22.3 17.5 26.3

