

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\  
 Data File : BF102259.D  
 Acq On : 20 Jan 2018 12:16  
 Operator : SJ/JU  
 Sample : J1115-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-2.5-3.0

Quant Time: Jan 22 02:28:07 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 19 13:31:35 2018  
 Response via : Initial Calibration

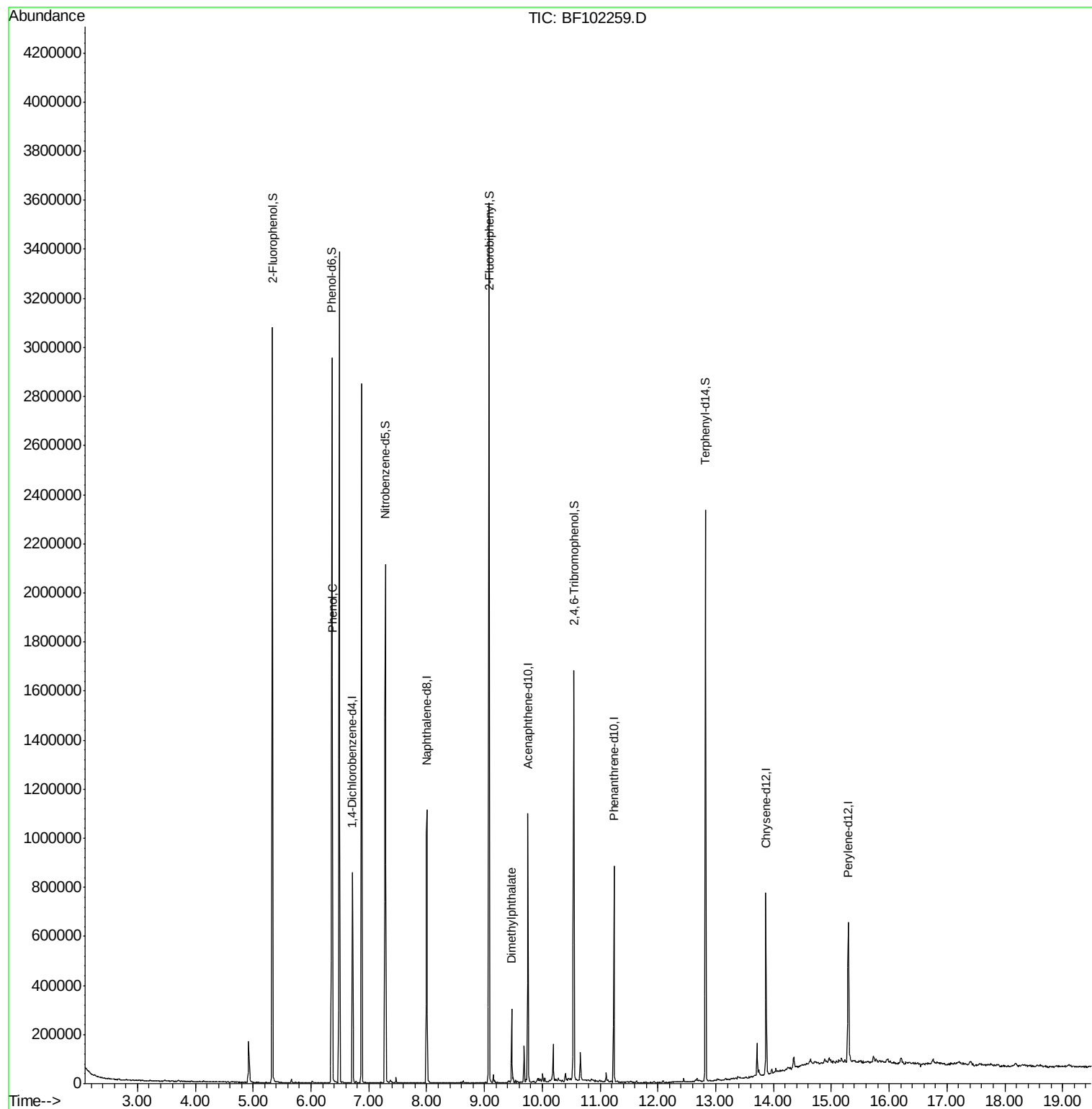
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 130198   | 20.00  | ng    | 0.00       |
| 21) Naphthalene-d8          | 8.00  | 136  | 515771   | 20.00  | ng    | 0.00       |
| 38) Acenaphthene-d10        | 9.75  | 164  | 207836   | 20.00  | ng    | 0.00       |
| 63) Phenanthrene-d10        | 11.24 | 188  | 295306   | 20.00  | ng    | 0.00       |
| 75) Chrysene-d12            | 13.87 | 240  | 252762   | 20.00  | ng    | 0.00       |
| 86) Perylene-d12            | 15.29 | 264  | 241214   | 20.00  | ng    | 0.00       |
| System Monitoring Compounds |       |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.33  | 112  | 917180   | 99.47  | ng    | 0.00       |
| 7) Phenol-d6                | 6.36  | 99   | 1085225  | 98.65  | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 663712   | 75.62  | ng    | -0.01      |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 185384   | 102.21 | ng    | 0.00       |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 1116657  | 83.94  | ng    | 0.00       |
| 78) Terphenyl-d14           | 12.82 | 244  | 744109   | 61.12  | ng    | 0.00       |
| Target Compounds            |       |      |          |        |       |            |
| 10) Phenol                  | 6.37  | 94   | 39868    | 3.21   | ng    | Qvalue 100 |
| 49) Dimethylphthalate       | 9.47  | 163  | 117708   | 7.06   | ng    | 98         |

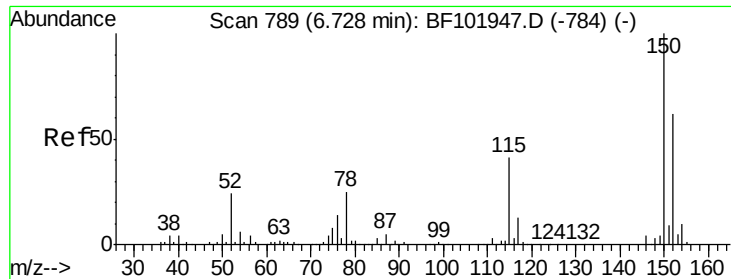
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-2.5-3.0

Quant Time: Jan 22 02:28:07 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M  
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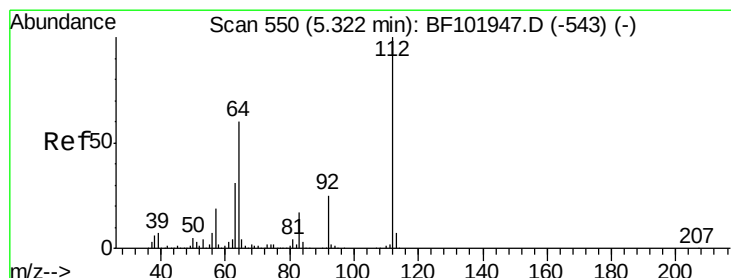
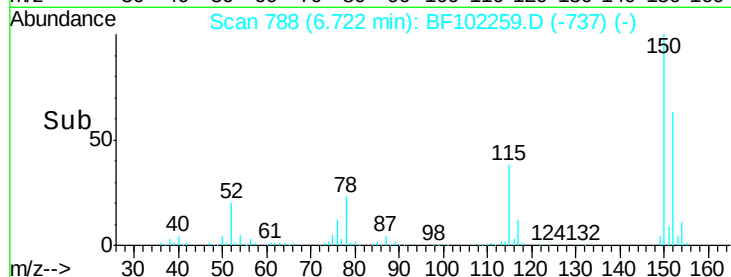
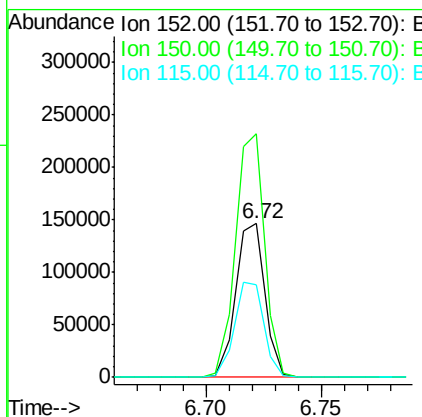
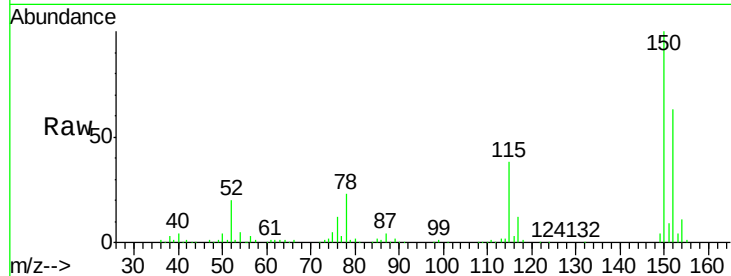


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.72 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-2.5-3.0

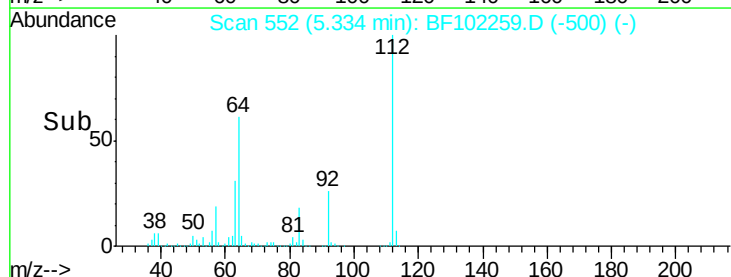
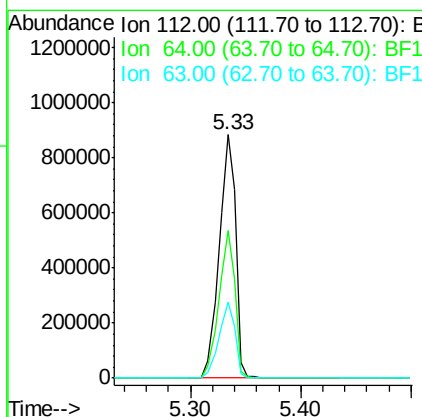
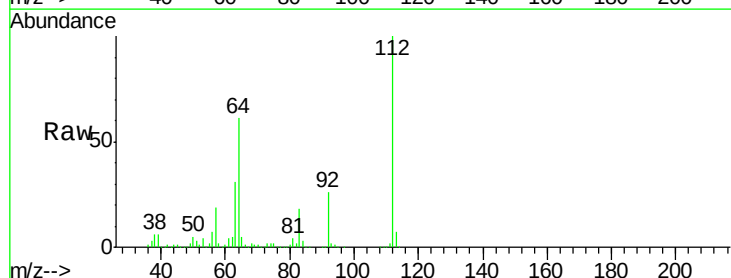
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.3 | 124.6 | 186.8 |
| 115     | 60.0  | 50.1  | 75.1  |

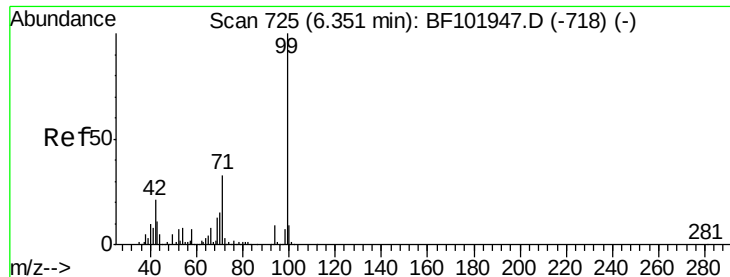


#5

2-Fluorophenol  
Concen: 99.47 ng  
RT: 5.33 min Scan# 552  
Delta R.T. 0.01 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.6  | 47.9  | 71.9  |
| 63      | 31.2  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 98.65 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102259.D

Acq: 20 Jan 2018 12:16

Instrument :

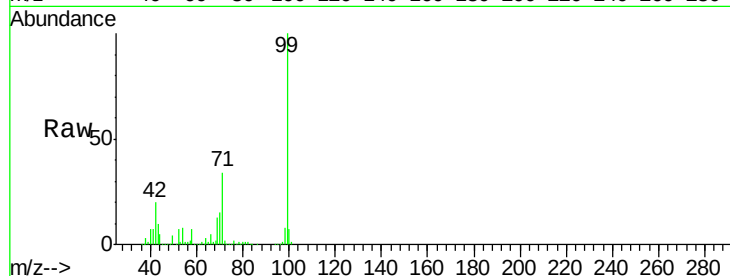
BNA\_F

ClientSampleId :

SB-31-2.5-3.0

Tot Ion: 99 Resp: 1085225

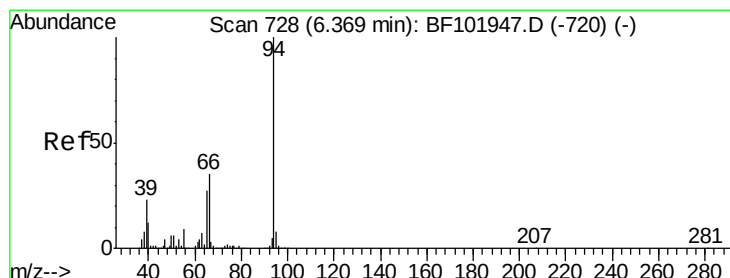
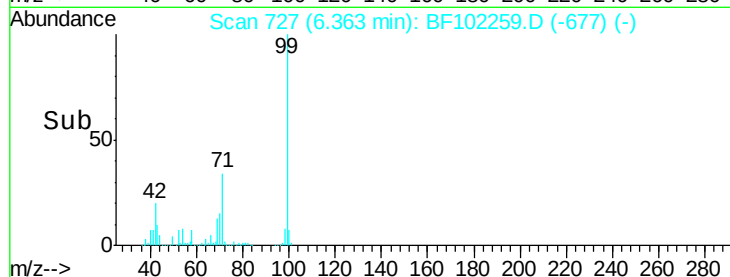
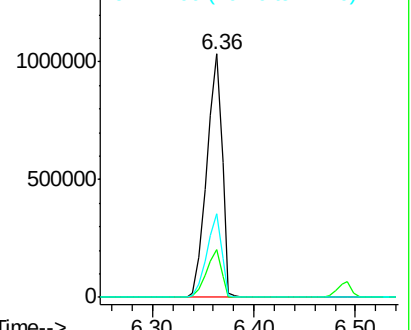
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 14.5  | 21.7  |
| 71  | 34.2  | 25.4  | 38.0  |



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



#10

Phenol

Concen: 3.21 ng

RT: 6.37 min Scan# 729

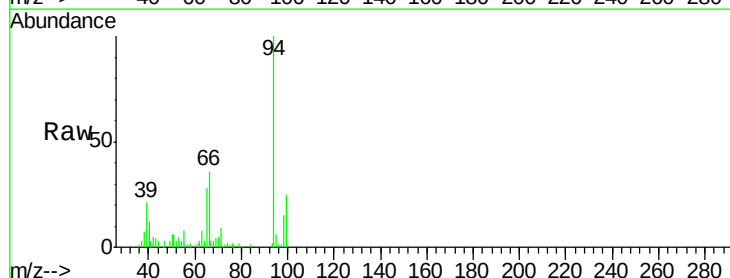
Delta R.T. -0.01 min

Lab File: BF102259.D

Acq: 20 Jan 2018 12:16

Tgt Ion: 94 Resp: 39868

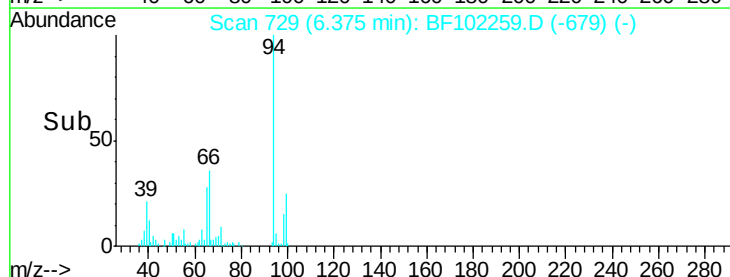
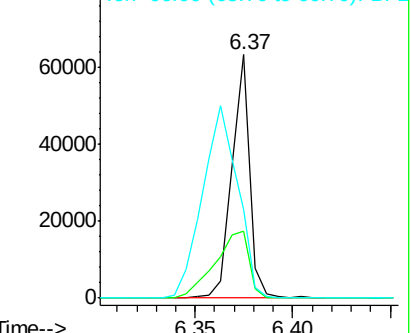
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.7  | 7.9   | 47.9  |
| 66  | 36.5  | 16.2  | 56.2  |

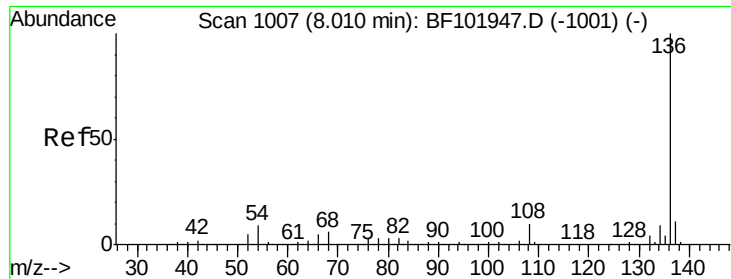


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

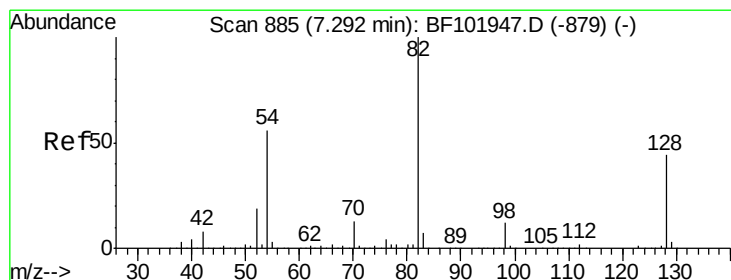
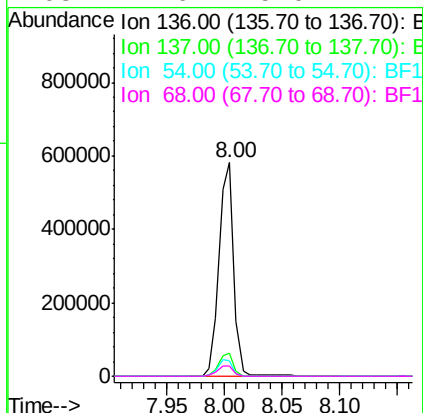
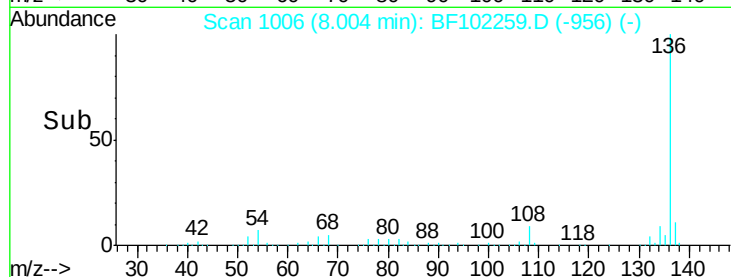
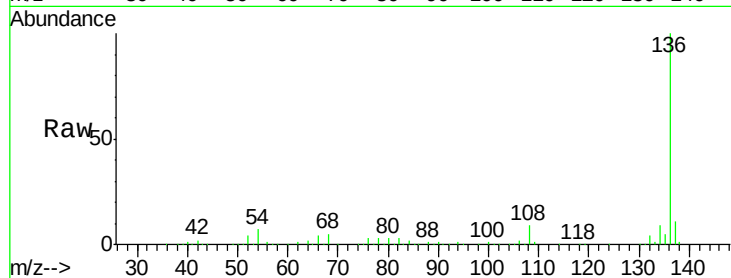




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

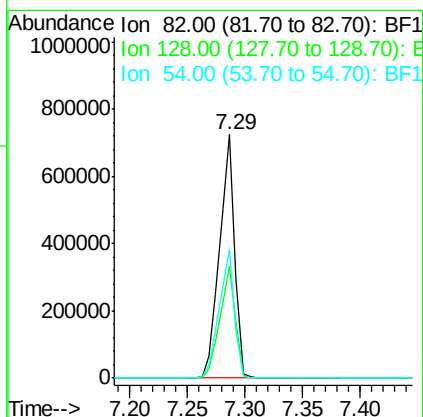
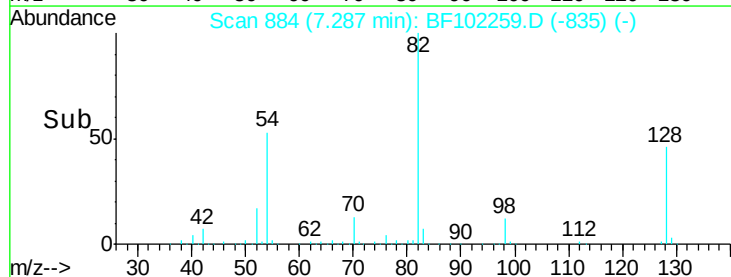
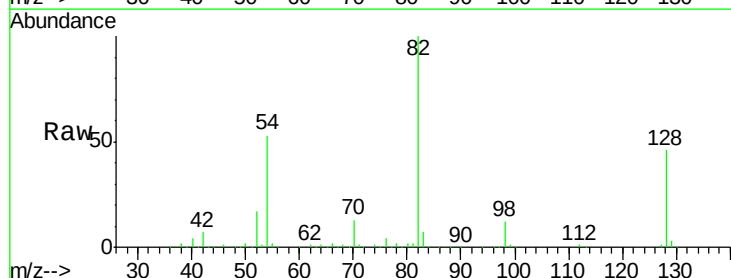
Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-2.5-3.0

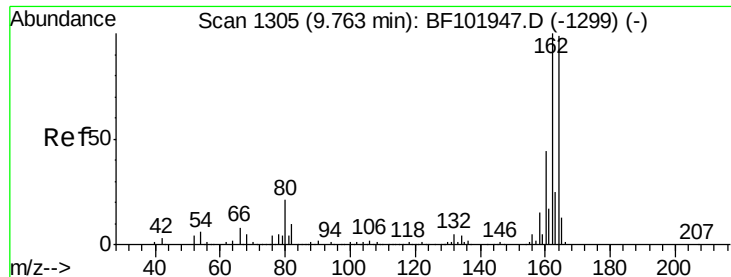
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 515771      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.9  | 8.9 13.3    |
| 54          | 7.1   | 6.6 9.8     |
| 68          | 4.6   | 5.0 7.4#    |



#23  
Nitrobenzene-d5  
Concen: 75.62 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 663712      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 45.7  | 36.1 54.1   |
| 54          | 52.9  | 41.4 62.2   |

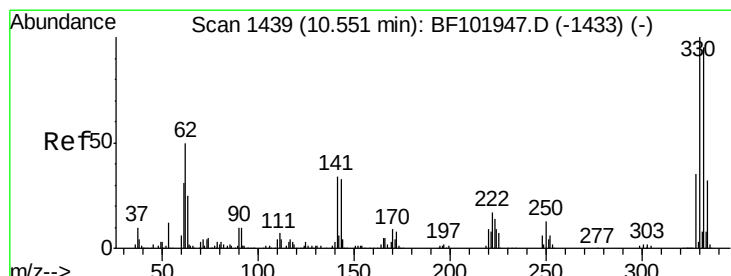
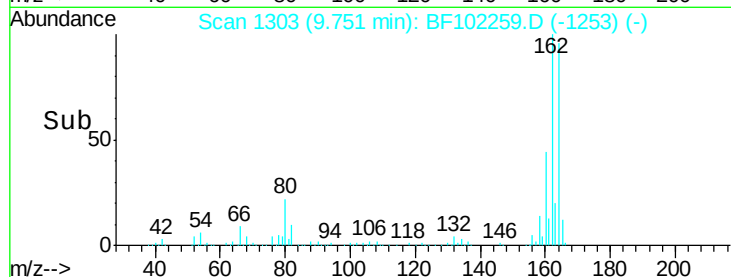
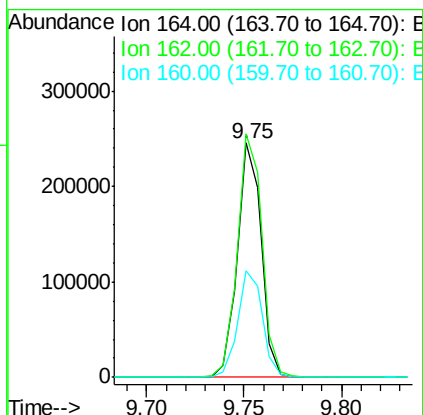
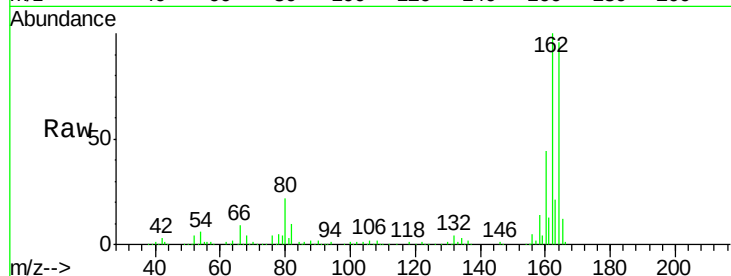




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.75 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF102259.D  
 Acq: 20 Jan 2018 12:16

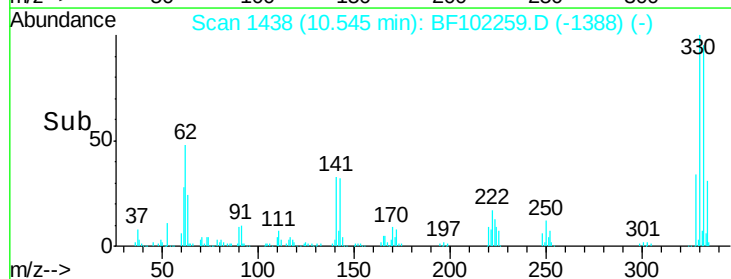
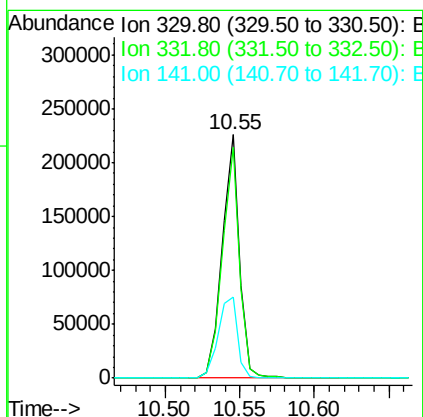
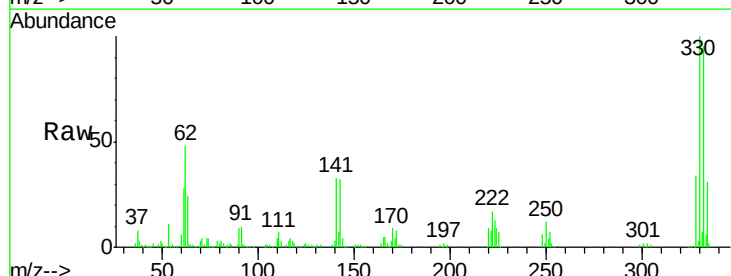
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-2.5-3.0

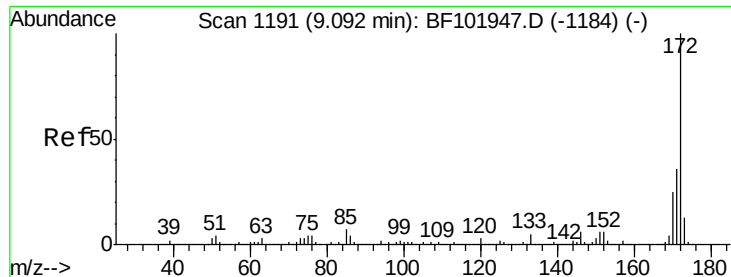
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.0 | 86.1  | 129.1 |
| 160     | 45.8  | 38.3  | 57.5  |



#41  
 2,4,6-Tribromophenol  
 Concen: 102.21 ng  
 RT: 10.55 min Scan# 1438  
 Delta R.T. -0.01 min  
 Lab File: BF102259.D  
 Acq: 20 Jan 2018 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.8  | 77.0  | 115.6 |
| 141     | 37.4  | 29.9  | 44.9  |

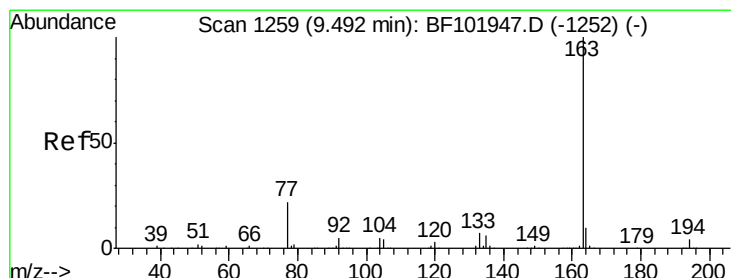
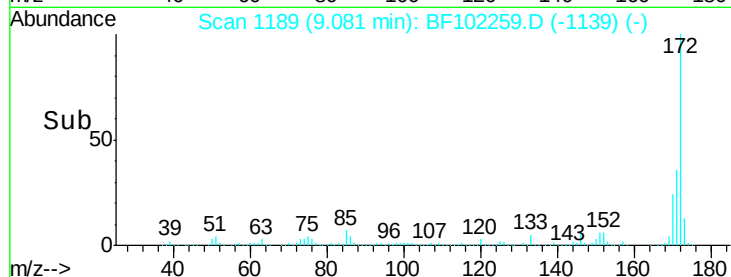
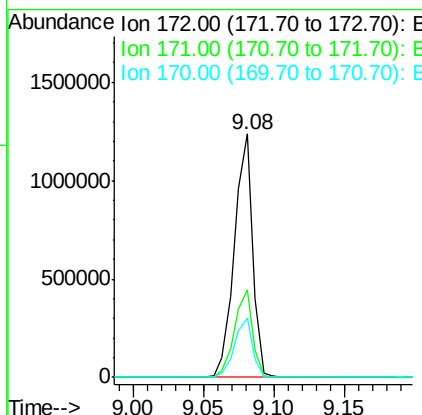
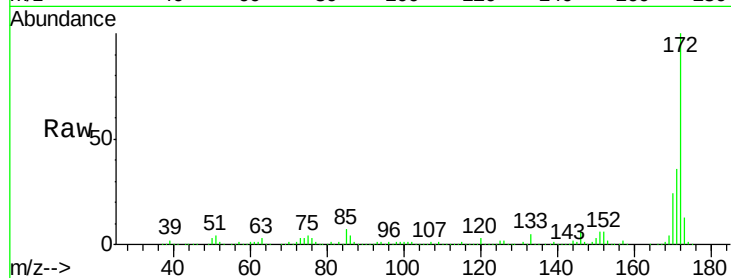




#44  
2-Fluorobiphenyl  
Concen: 83.94 ng  
RT: 9.08 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

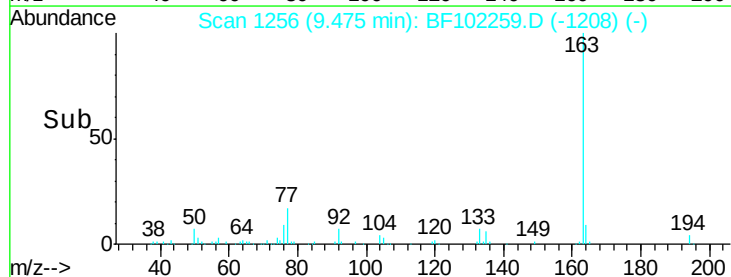
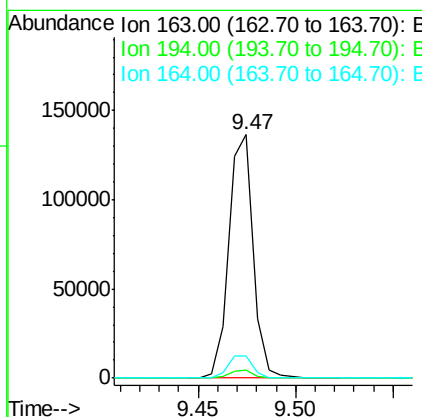
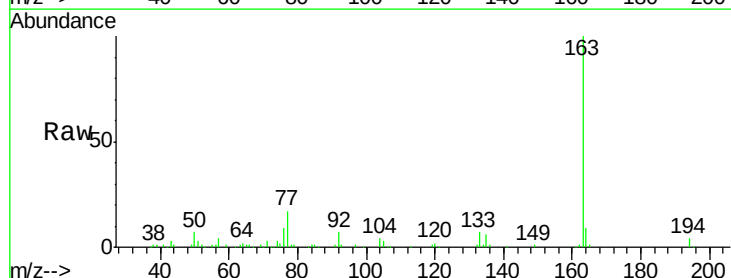
Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-2.5-3.0

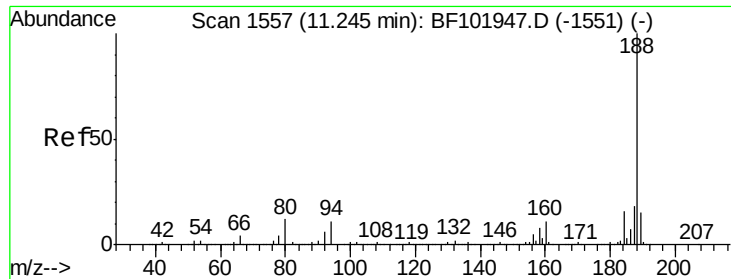
Tot Ion:172 Resp: 1116657  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.7 44.5  
170 24.2 19.6 29.4



#49  
Dimethylphthalate  
Concen: 7.06 ng  
RT: 9.47 min Scan# 1256  
Delta R.T. -0.02 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

Tgt Ion:163 Resp: 117708  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.7 4.1  
164 9.3 8.2 12.2

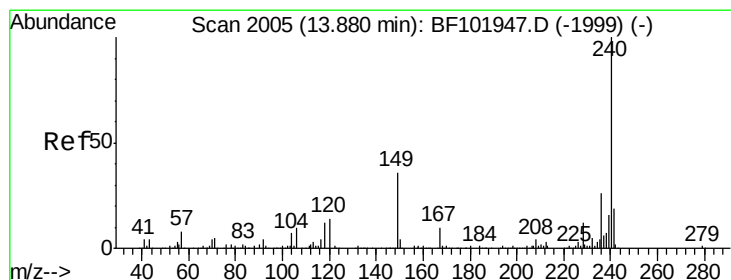
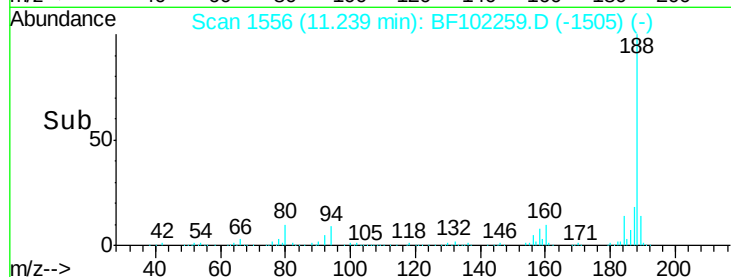
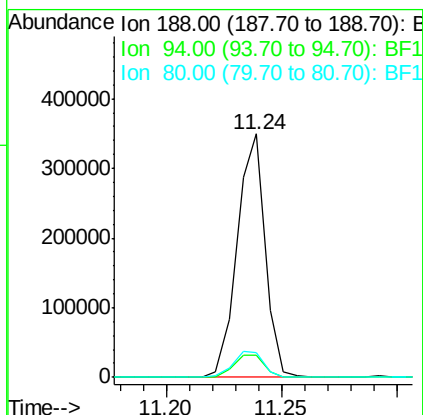
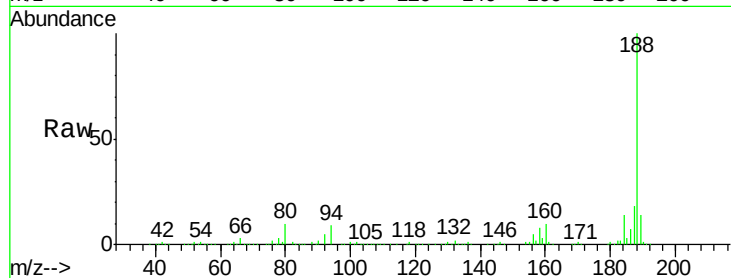




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. 0.00 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

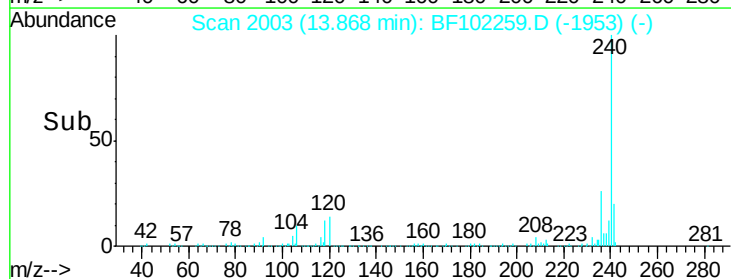
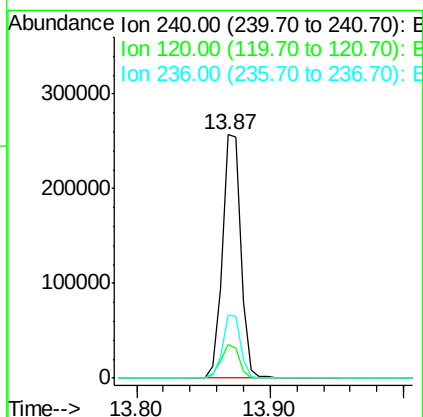
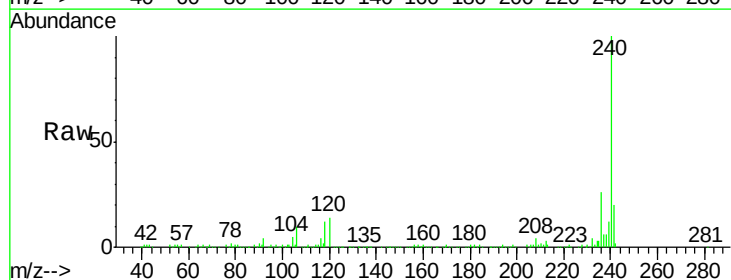
Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-2.5-3.0

Tot Ion:188 Resp: 295306  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.5 12.7  
80 10.3 9.2 13.8

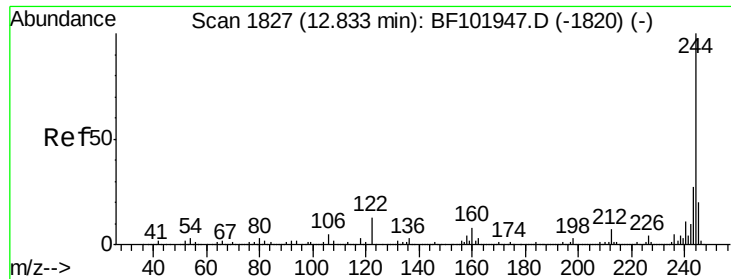


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.87 min Scan# 2003  
Delta R.T. -0.01 min  
Lab File: BF102259.D  
Acq: 20 Jan 2018 12:16

Tgt Ion:240 Resp: 252762  
Ion Ratio Lower Upper  
240 100  
120 13.9 9.5 14.3  
236 25.8 20.7 31.1



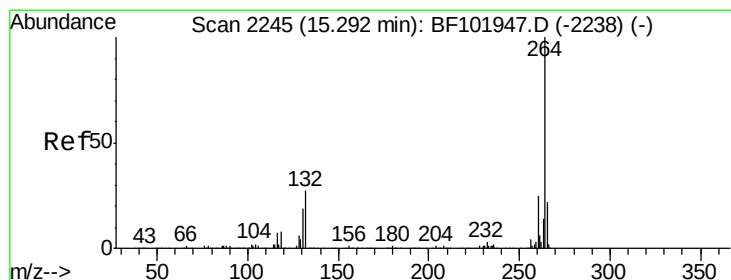
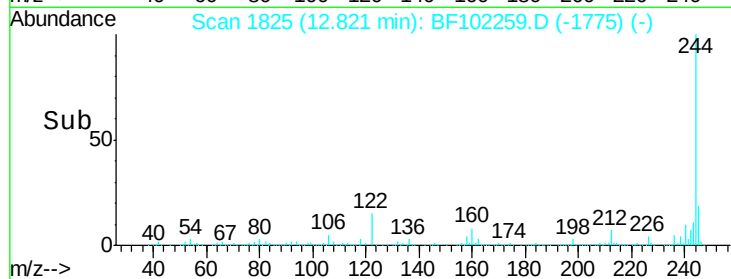
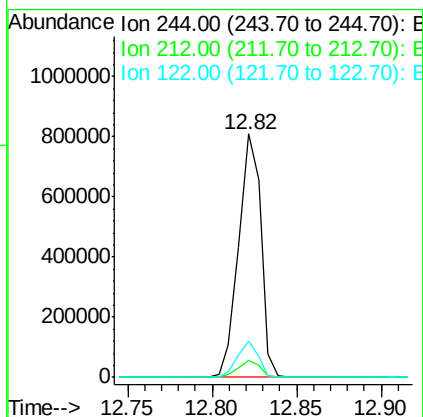
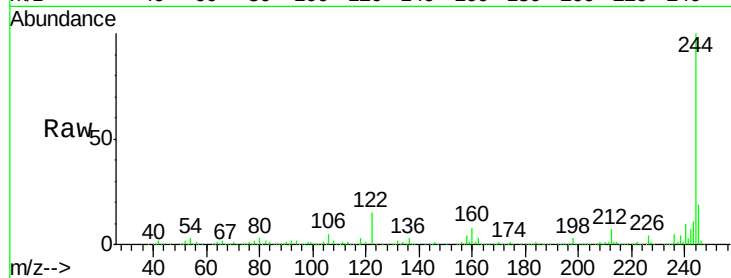




#78  
 Terphenyl-d14  
 Concen: 61.12 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BF102259.D  
 Acq: 20 Jan 2018 12:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-2.5-3.0

Tot Ion:244 Resp: 744109  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.0  
 122 14.7 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.29 min Scan# 2245  
 Delta R.T. 0.00 min  
 Lab File: BF102259.D  
 Acq: 20 Jan 2018 12:16

Tgt Ion:264 Resp: 241214  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.2 28.8  
 265 21.1 17.5 26.3

