

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\  
 Data File : BF102249.D  
 Acq On : 20 Jan 2018 5:59  
 Operator : SJ/JU  
 Sample : J1113-19  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-20-3.0-3.5

Quant Time: Jan 21 23:44:26 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

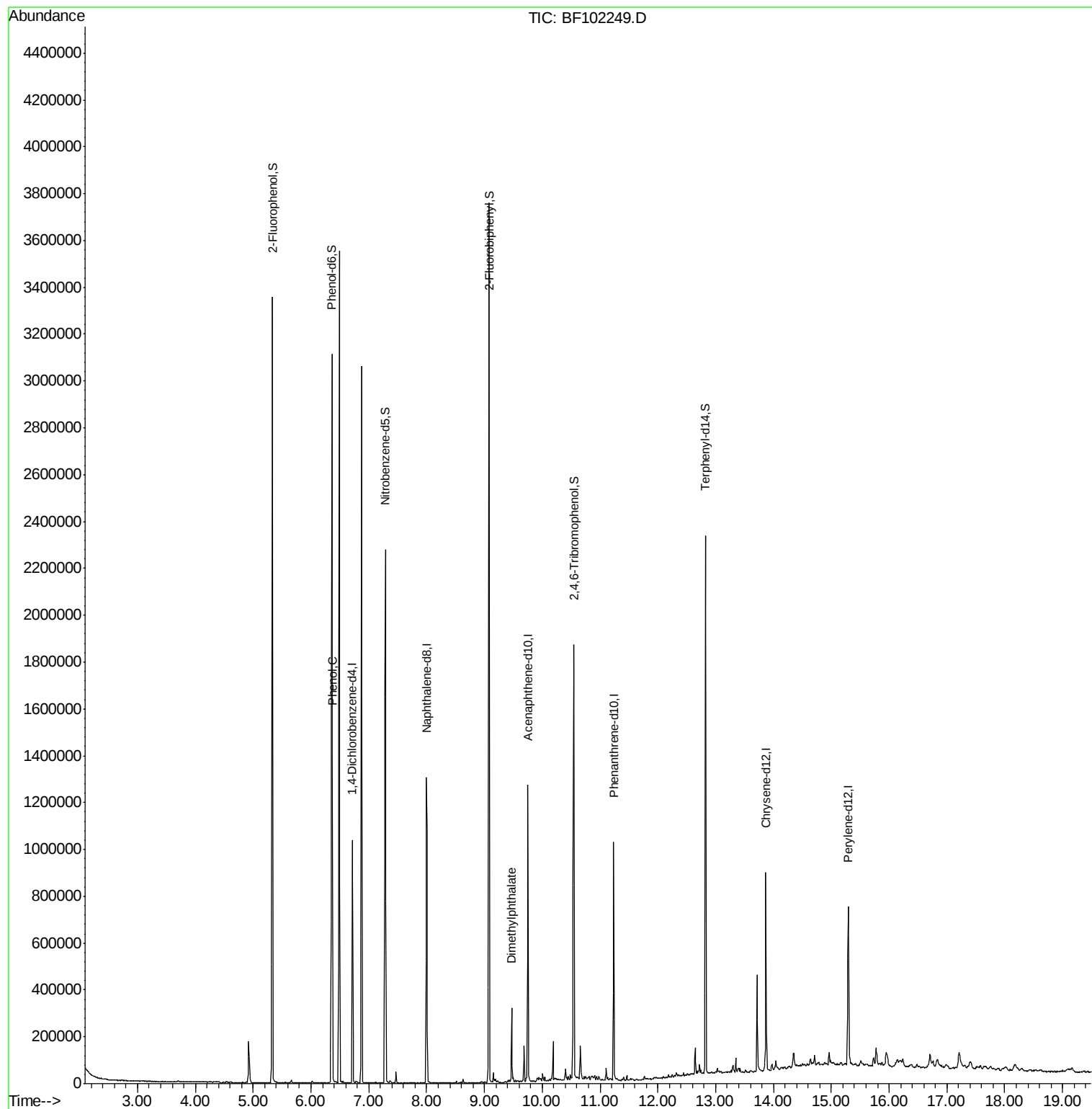
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 150161   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 591504   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.75  | 164  | 247380   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 366666   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 270550   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.29 | 264  | 275845   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 981740   | 92.32  | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 1168359  | 92.09  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 736938   | 73.21  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 221180   | 102.45 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.08  | 172  | 1197724  | 75.64  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 776042   | 59.56  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 31097    | 2.169  | ng    | 99       |
| 49) Dimethylphthalate       | 9.47  | 163  | 120251   | 6.060  | ng    | 100      |

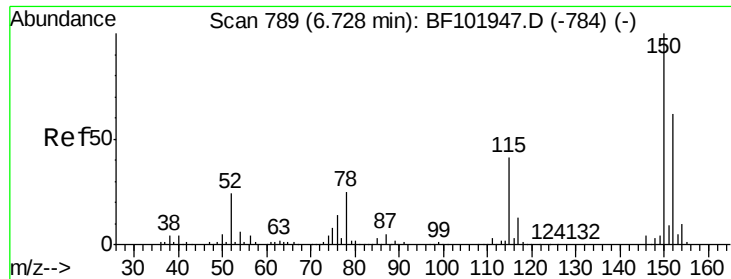
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-20-3.0-3.5

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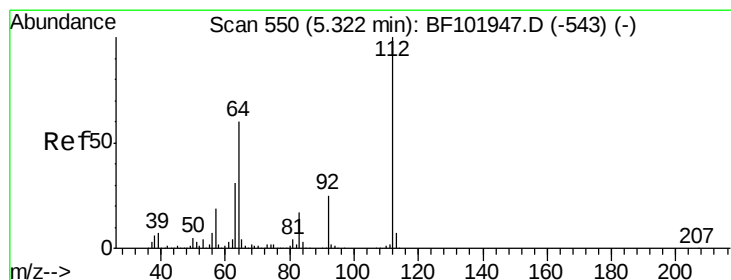
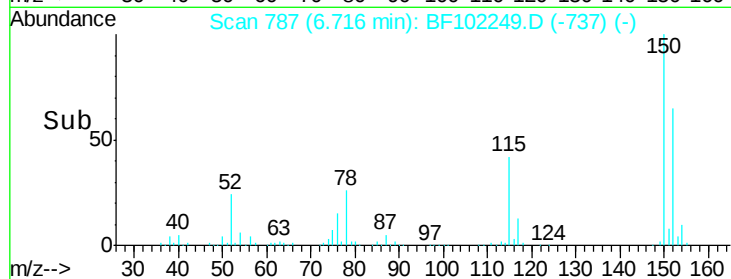
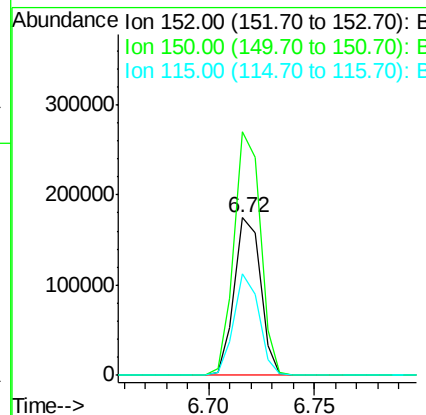
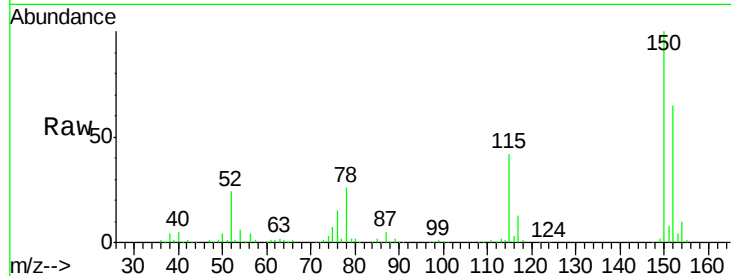


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BF102249.D  
 Acq: 20 Jan 2018 5:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-20-3.0-3.5

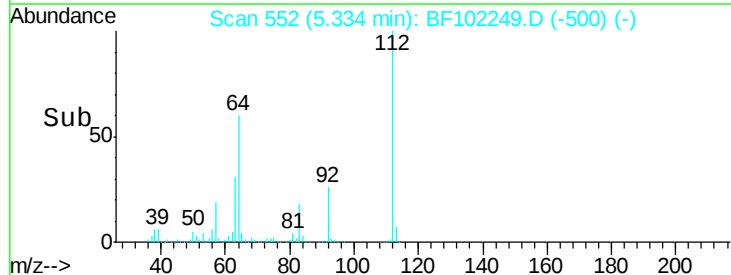
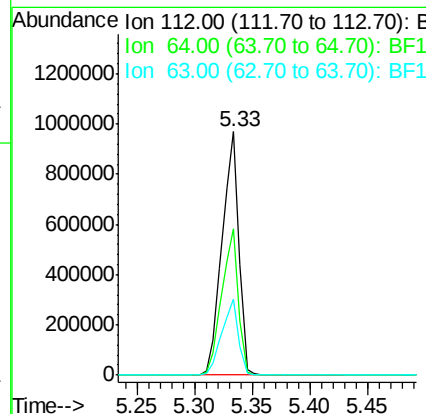
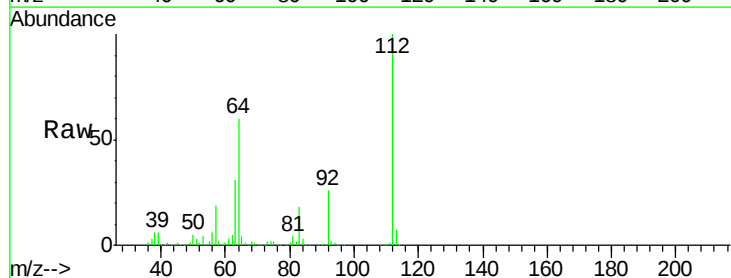
Tot Ion:152 Resp: 150161  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 124.6 186.8  
 115 64.9 50.1 75.1

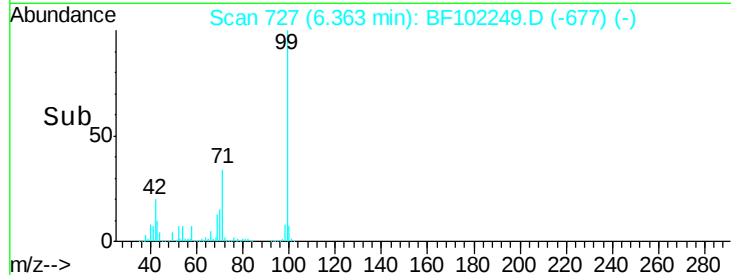
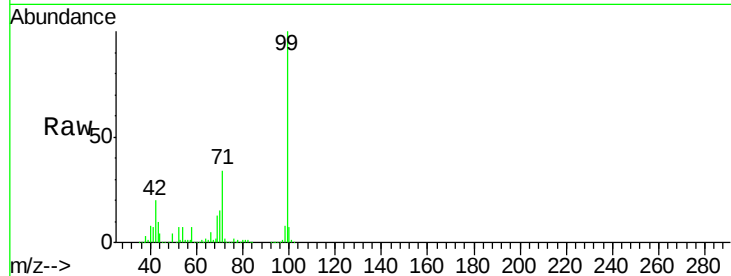
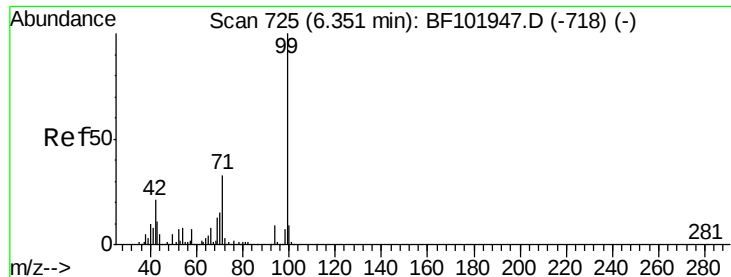


#5

2-Fluorophenol  
 Concen: 92.321 ng  
 RT: 5.33 min Scan# 552  
 Delta R.T. 0.01 min  
 Lab File: BF102249.D  
 Acq: 20 Jan 2018 5:59

Tgt Ion:112 Resp: 981740  
 Ion Ratio Lower Upper  
 112 100  
 64 60.2 47.9 71.9  
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 92.088 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

Instrument :

BNA\_F

ClientSampleId :

SB-20-3.0-3.5

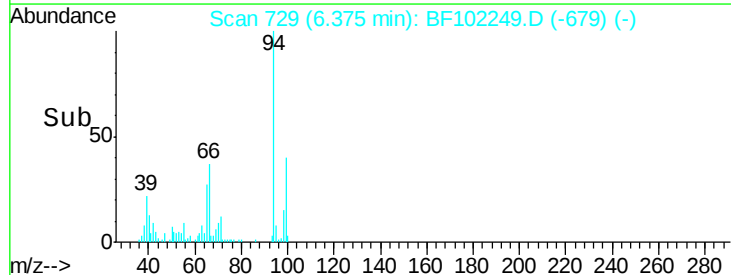
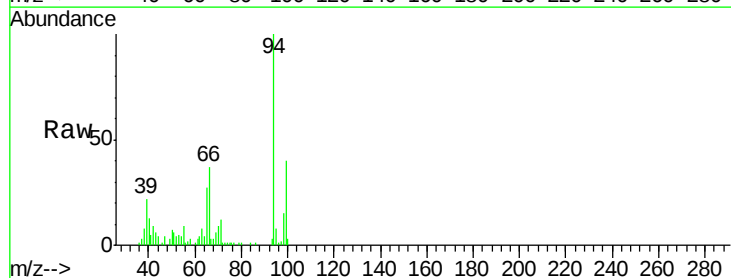
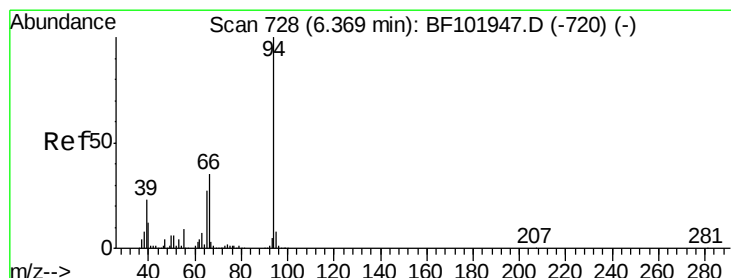
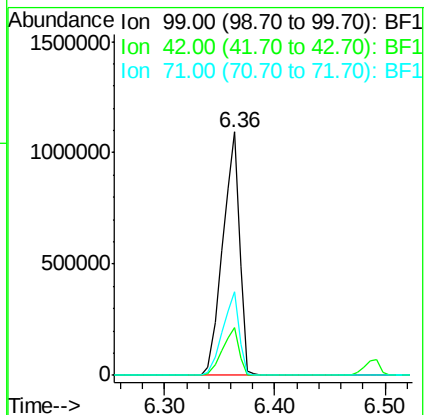
Tot Ion: 99 Resp: 1168359

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.4 25.4 38.0



#10

Phenol

Concen: 2.169 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

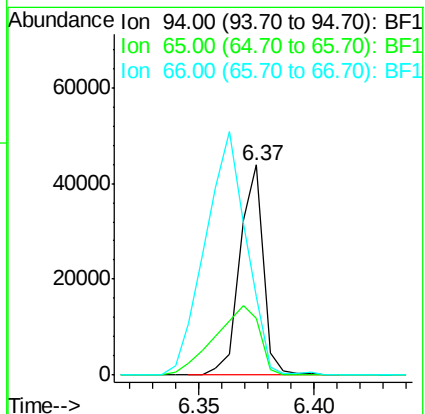
Tgt Ion: 94 Resp: 31097

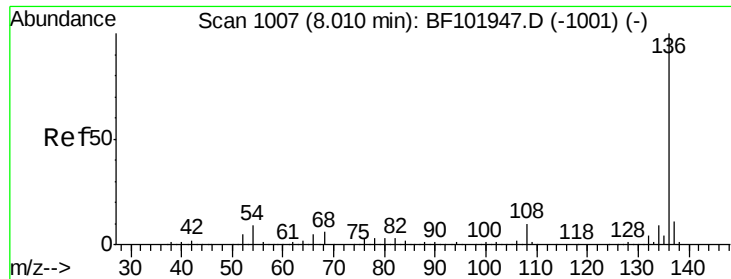
Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

66 37.2 16.2 56.2

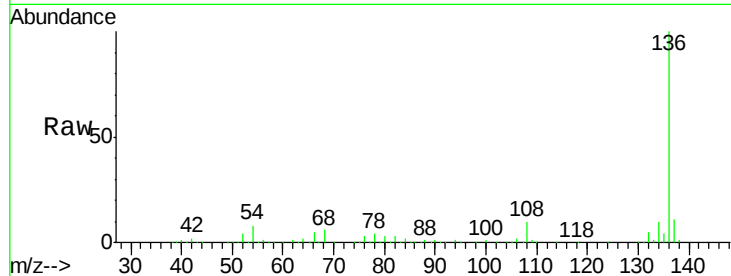




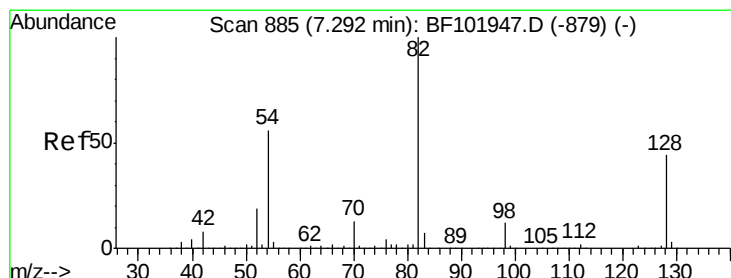
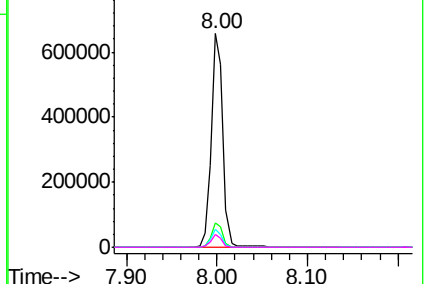
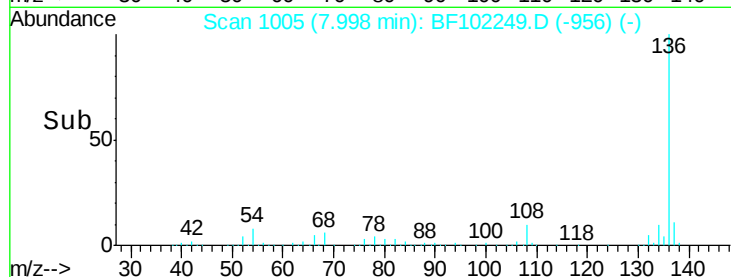
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF102249.D  
Acq: 20 Jan 2018 5:59

Instrument :  
BNA\_F  
ClientSampleId :  
SB-20-3.0-3.5

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 591504   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 8.9 13.3 |
| 54          | 8.5   | 6.6 9.8  |
| 68          | 5.8   | 5.0 7.4  |

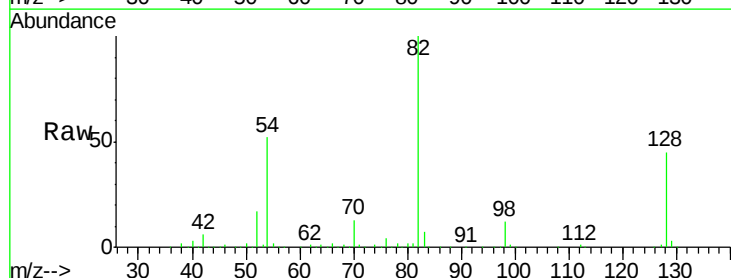


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

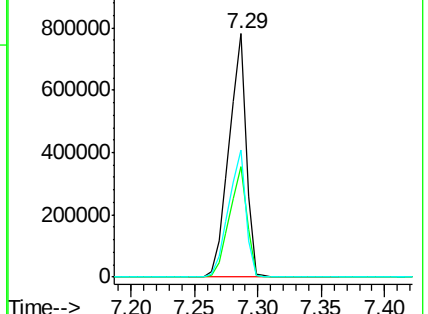
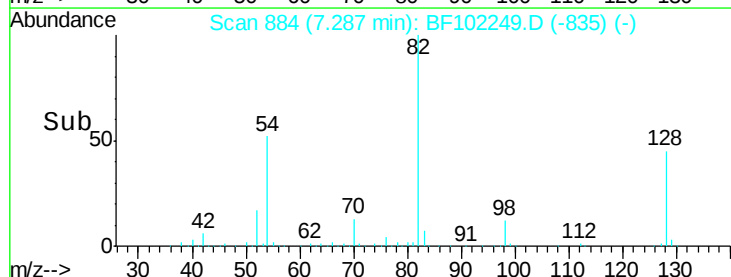


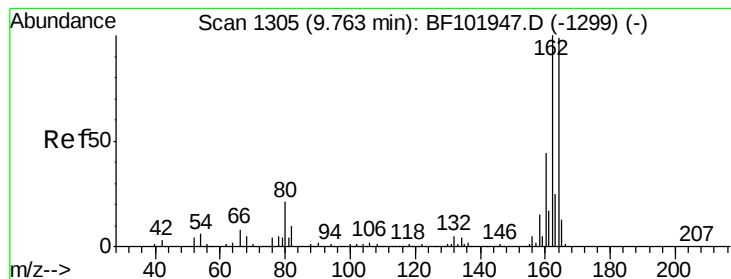
#23  
Nitrobenzene-d5  
Concen: 73.213 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF102249.D  
Acq: 20 Jan 2018 5:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 736938    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 45.3  | 36.1 54.1 |
| 54          | 52.3  | 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: BF102249.D

Acq: 20 Jan 2018 5:59

Instrument :

BNA\_F

ClientSampleId :

SB-20-3.0-3.5

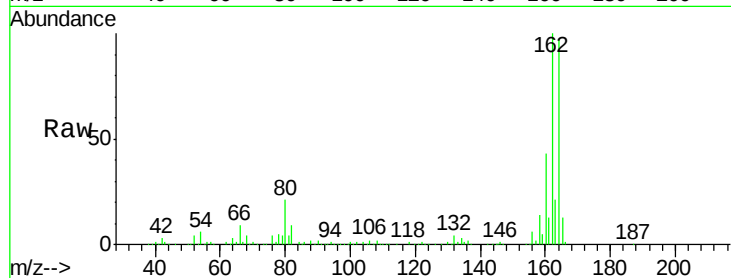
Tot Ion:164 Resp: 247380

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

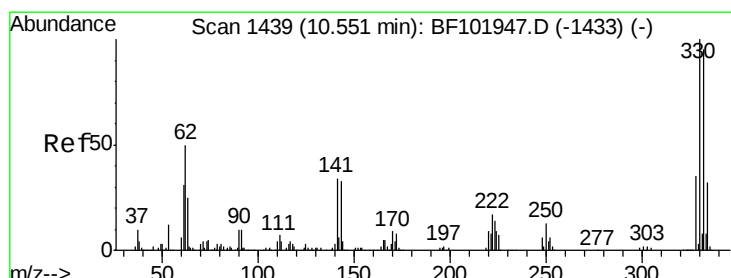
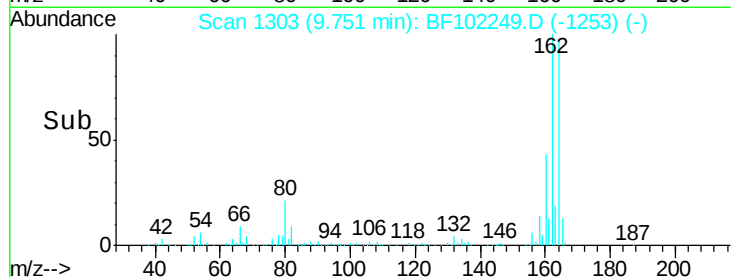
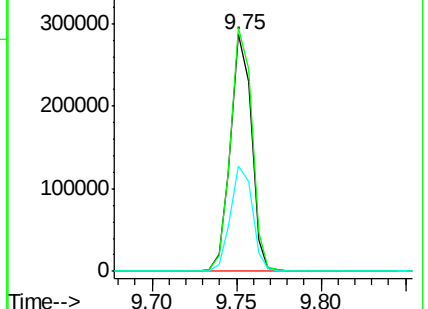
160 44.5 38.3 57.5



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: 102.453 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

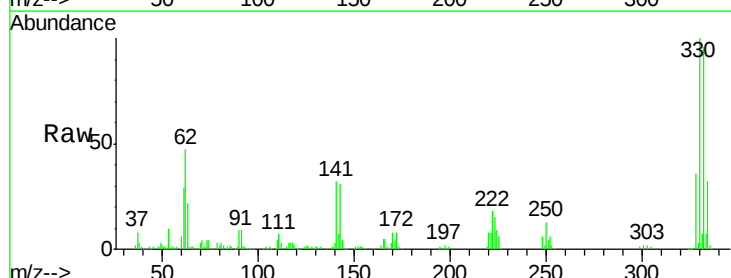
Tgt Ion:330 Resp: 221180

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

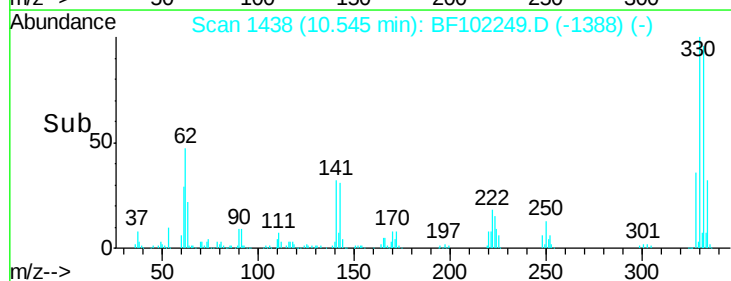
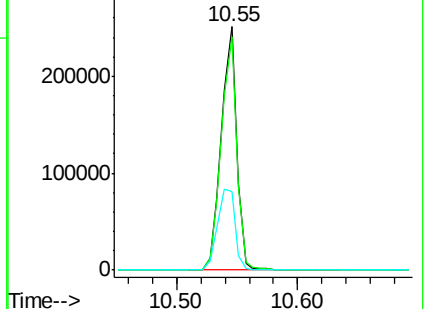
141 37.9 29.9 44.9

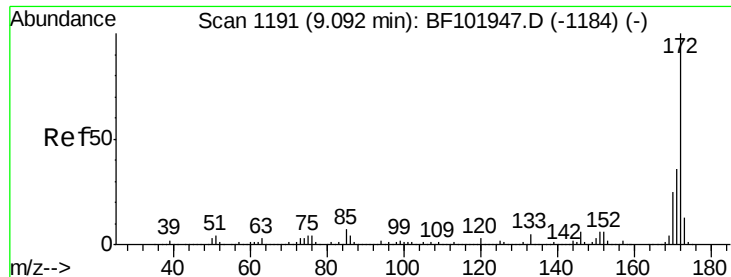


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

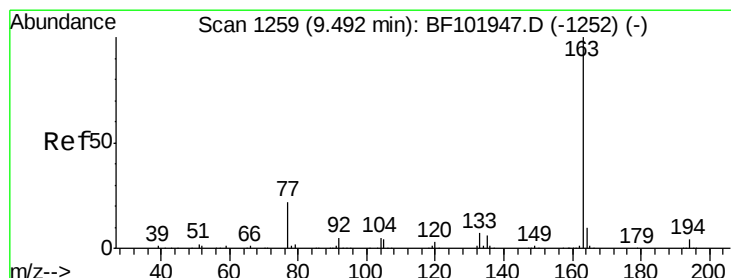
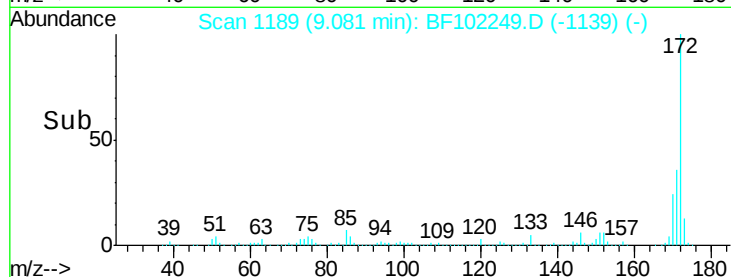
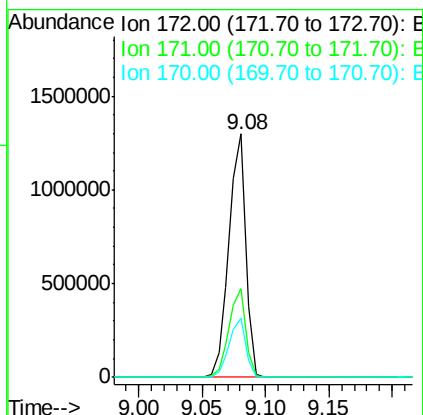
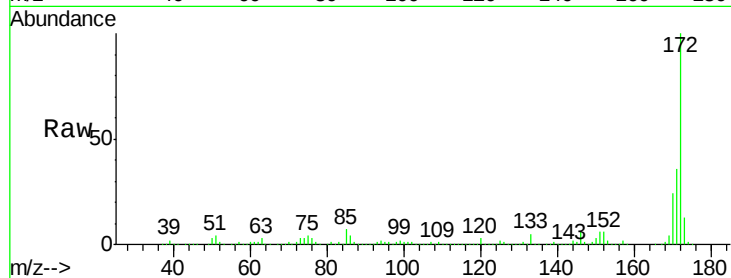




#44  
2-Fluorobiphenyl  
Concen: 75.639 ng  
RT: 9.08 min Scan# 1189  
Delta R.T. -0.01 min  
Lab File: BF102249.D  
Acq: 20 Jan 2018 5:59

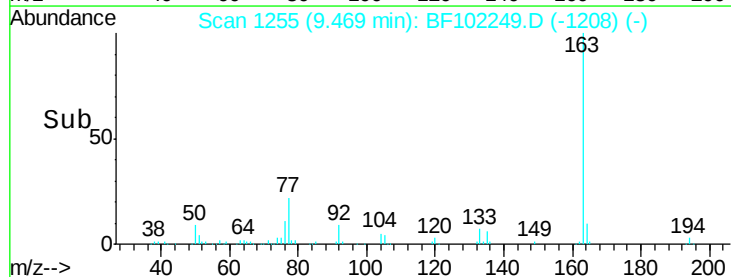
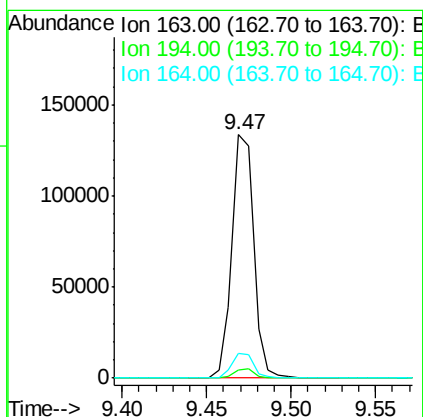
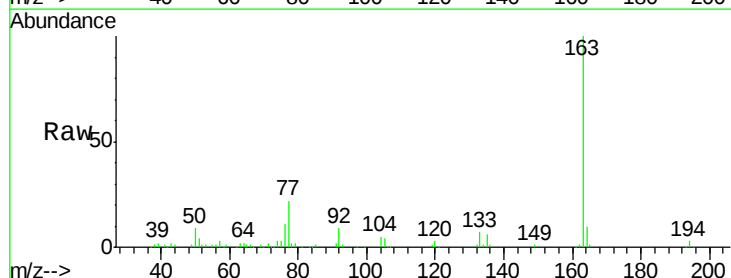
Instrument :  
BNA\_F  
ClientSampleId :  
SB-20-3.0-3.5

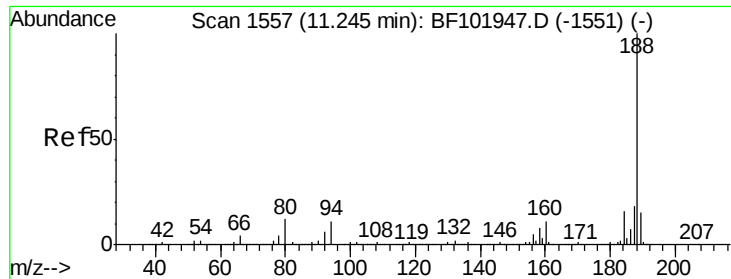
Tot Ion:172 Resp: 1197724  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.7 44.5  
170 24.4 19.6 29.4



#49  
Dimethylphthalate  
Concen: 6.060 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BF102249.D  
Acq: 20 Jan 2018 5:59

Tgt Ion:163 Resp: 120251  
Ion Ratio Lower Upper  
163 100  
194 3.3 2.7 4.1  
164 10.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

Instrument :

BNA\_F

ClientSampleId :

SB-20-3.0-3.5

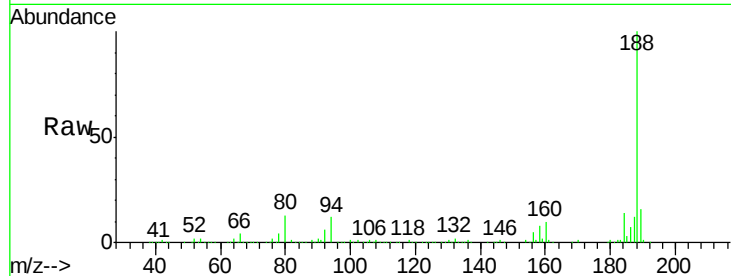
Tot Ion:188 Resp: 366666

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

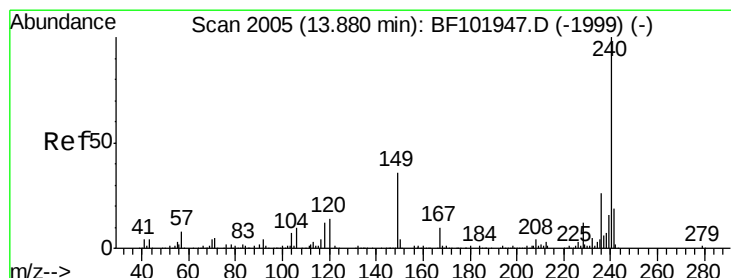
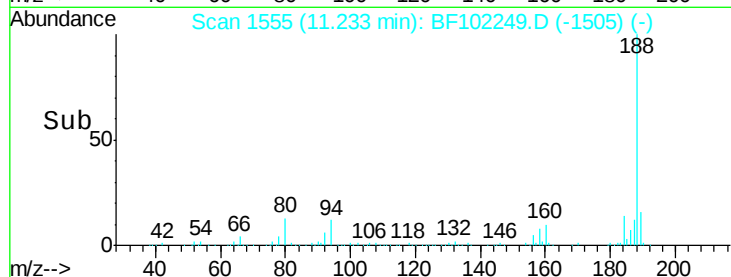
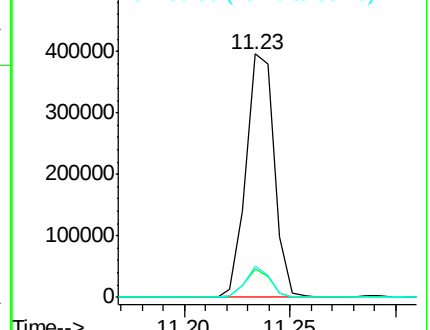
80 12.7 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

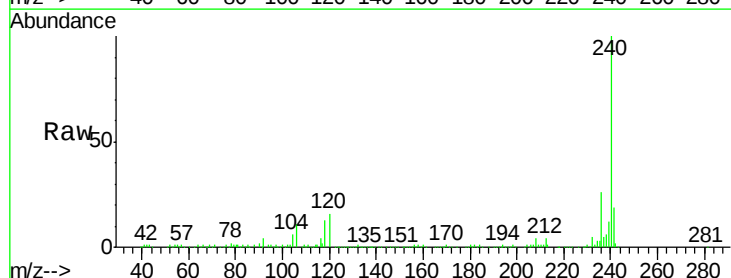
Tgt Ion:240 Resp: 270550

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

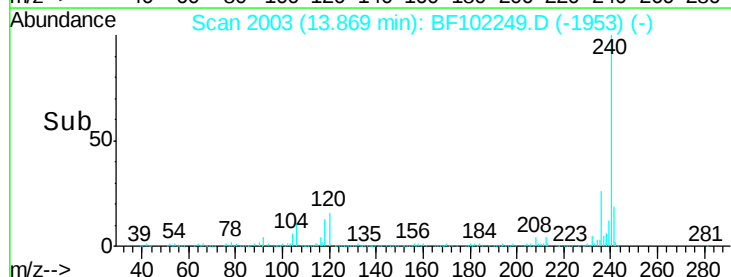
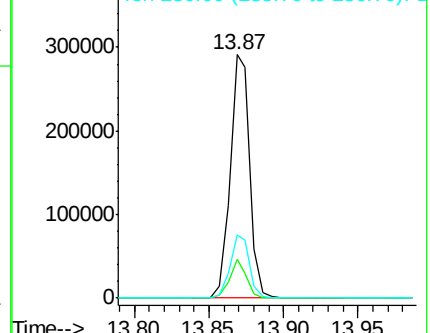
236 26.0 20.7 31.1

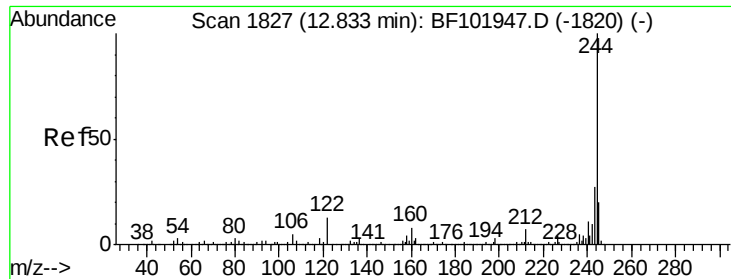


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.555 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

Instrument :

BNA\_F

ClientSampleId :

SB-20-3.0-3.5

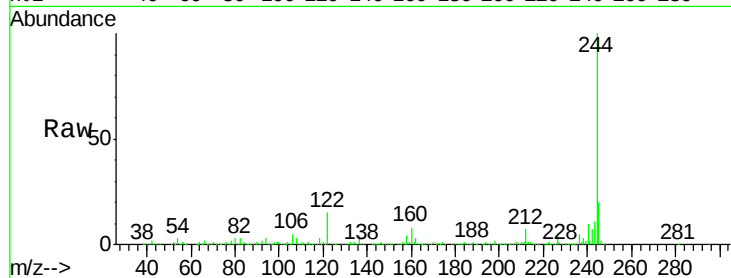
Tot Ion:244 Resp: 776042

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

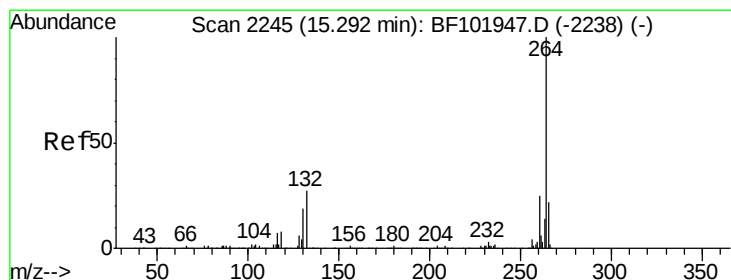
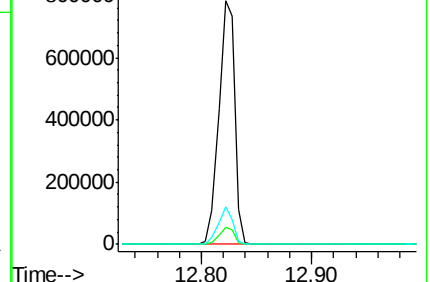
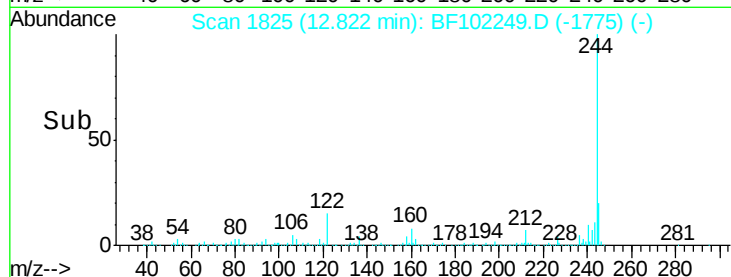
122 15.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102249.D

Acq: 20 Jan 2018 5:59

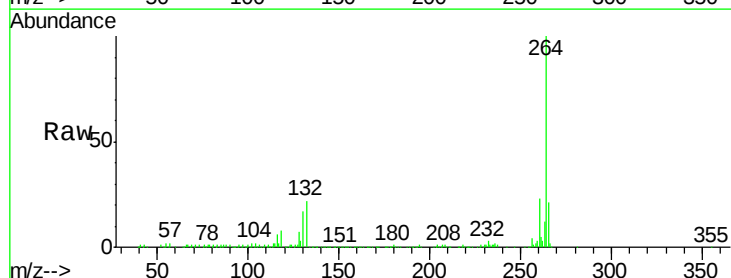
Tgt Ion:264 Resp: 275845

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

