

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\  
 Data File : BF102843.D  
 Acq On : 8 Feb 2018 4:25  
 Operator : SJ/JU  
 Sample : J1458-04  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04

Quant Time: Feb 08 07:06:32 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 12:44:16 2018  
 Response via : Initial Calibration

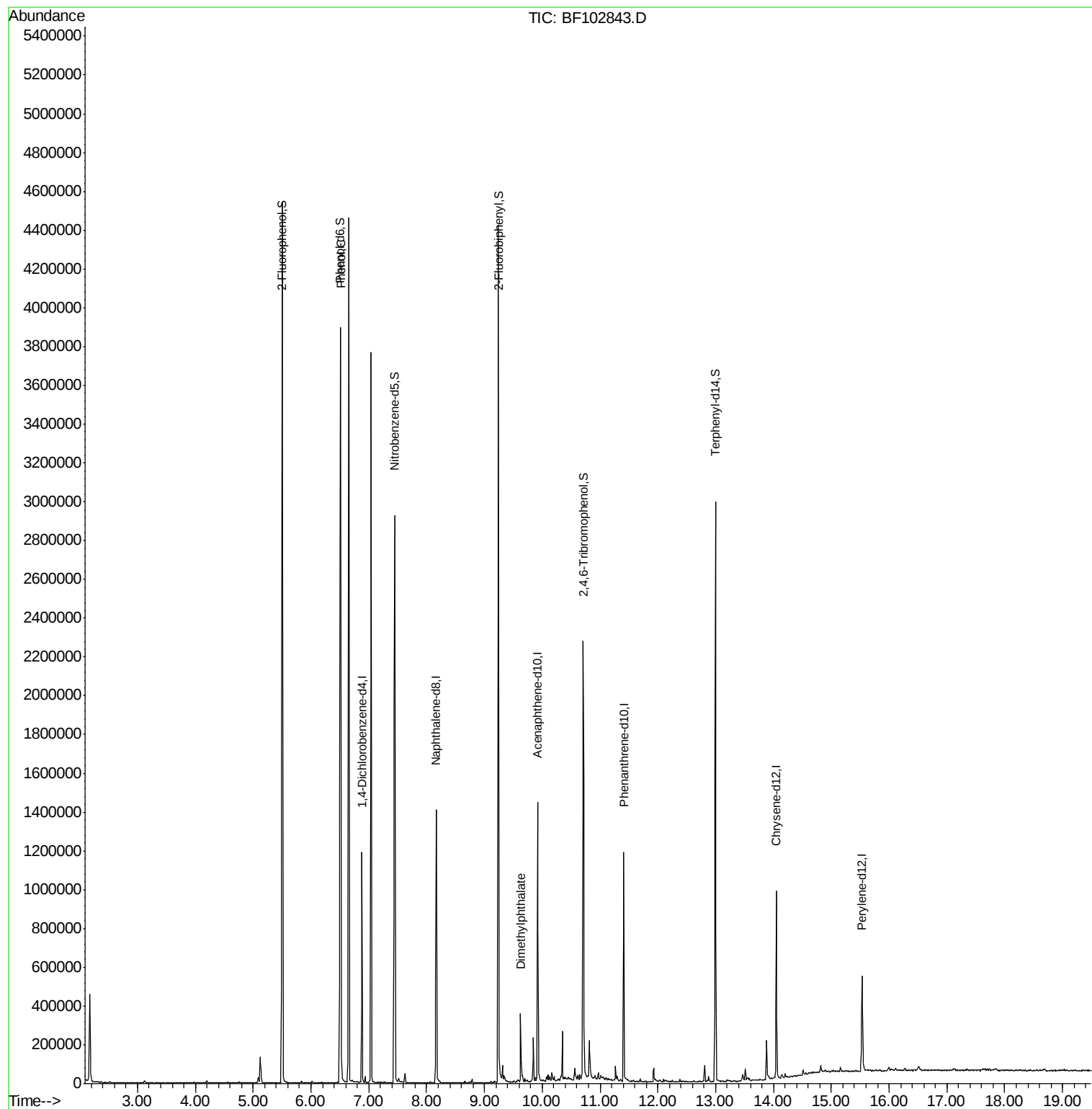
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.88  | 152  | 171465   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.17  | 136  | 677711   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.92  | 164  | 266253   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.41 | 188  | 383523   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.05 | 240  | 321291   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.53 | 264  | 244156   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 1373064  | 121.61 | ng    | 0.01     |
| 7) Phenol-d6                | 6.52  | 99   | 1605670  | 118.11 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 998231   | 102.18 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330  | 258923   | 120.82 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.24  | 172  | 1509873  | 94.10  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.00 | 244  | 1077055  | 79.37  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.52  | 94   | 41678    | 2.861  | ng    | 92       |
| 49) Dimethylphthalate       | 9.63  | 163  | 143707   | 6.922  | ng    | 99       |

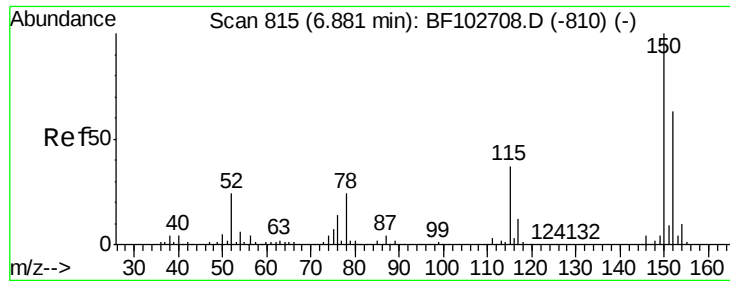
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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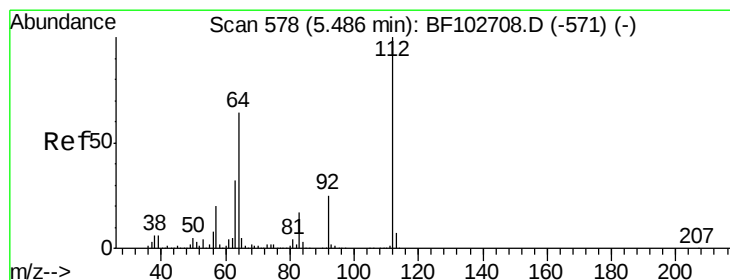
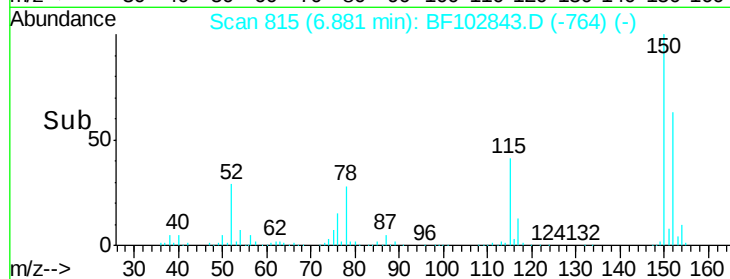
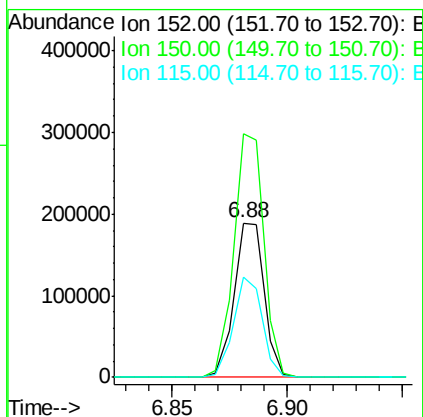
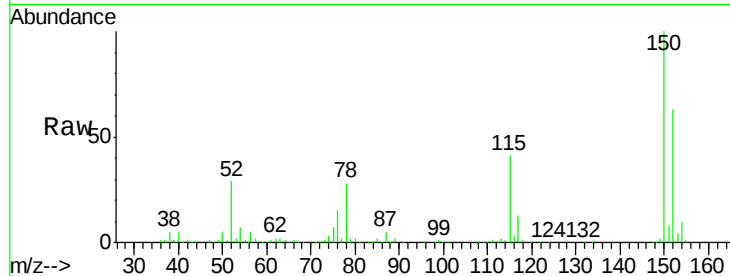


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

Instrument :  
BNA\_F  
ClientSampleId :  
SB-04

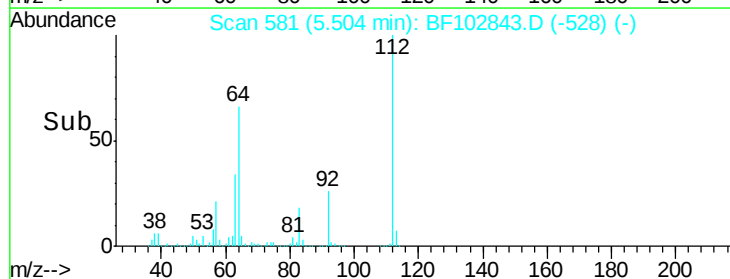
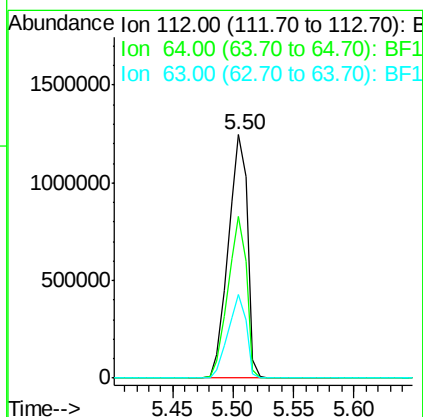
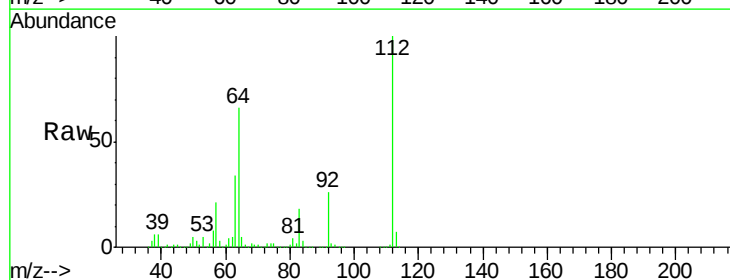
Tot Ion:152 Resp: 171465  
Ion Ratio Lower Upper  
152 100  
150 157.8 124.6 186.8  
115 65.4 50.1 75.1

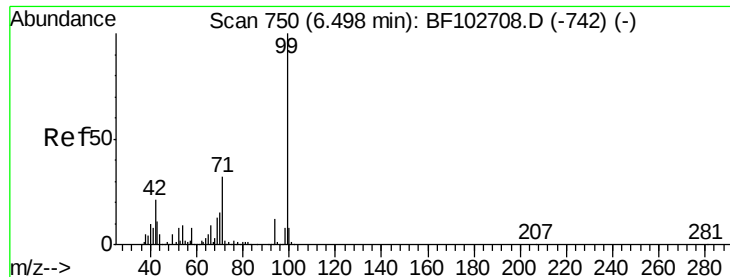


#5

2-Fluorophenol  
Concen: 121.612 ng  
RT: 5.50 min Scan# 581  
Delta R.T. 0.01 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

Tgt Ion:112 Resp: 1373064  
Ion Ratio Lower Upper  
112 100  
64 66.4 47.9 71.9  
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 118.112 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA\_F

ClientSampleId :

SB-04

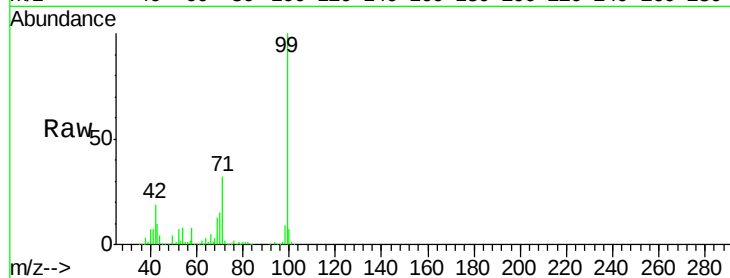
Tot Ion: 99 Resp: 1605670

Ion Ratio Lower Upper

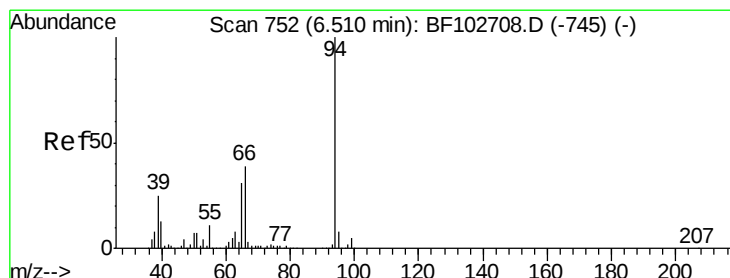
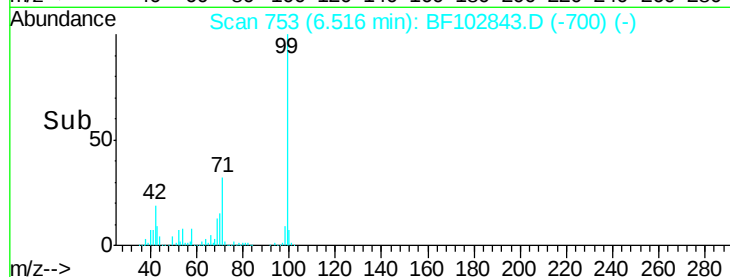
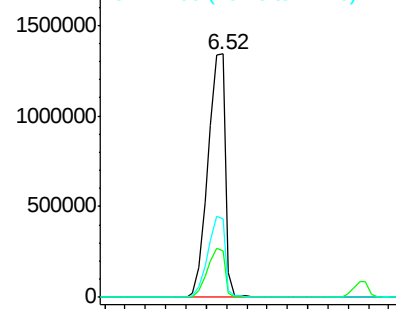
99 100

42 18.8 14.5 21.7

71 32.3 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: 2.861 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

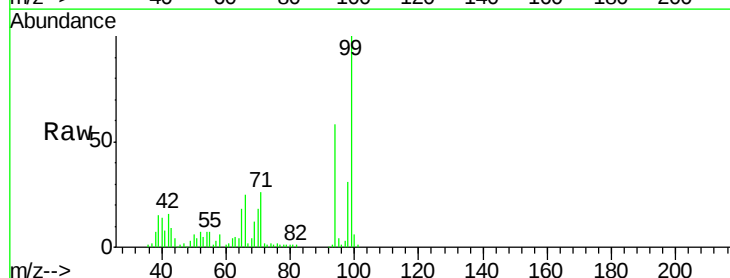
Tgt Ion: 94 Resp: 41678

Ion Ratio Lower Upper

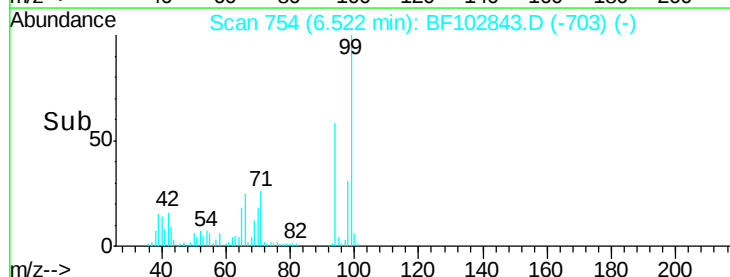
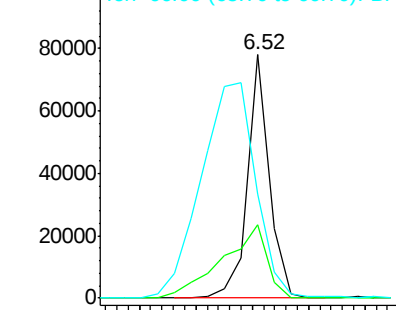
94 100

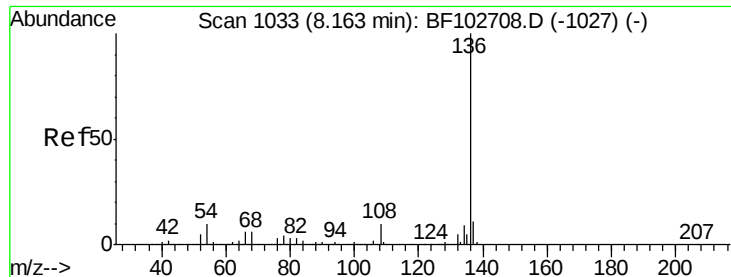
65 30.2 7.9 47.9

66 42.9 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

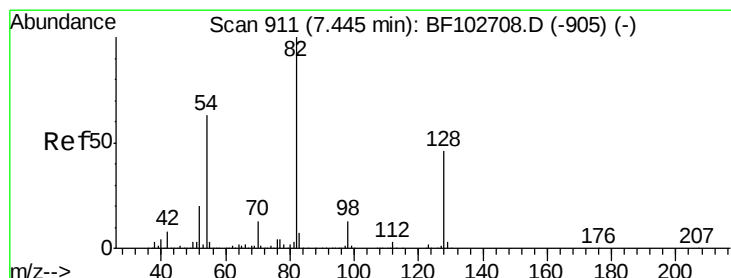
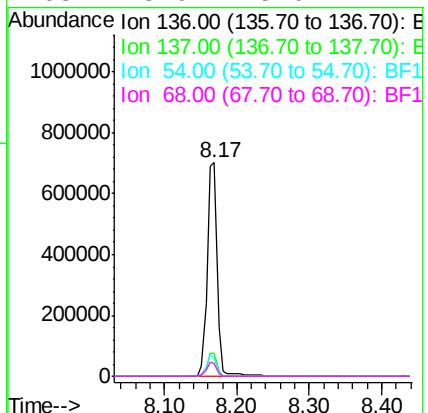
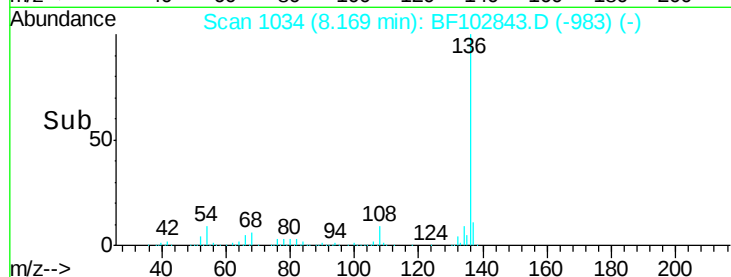
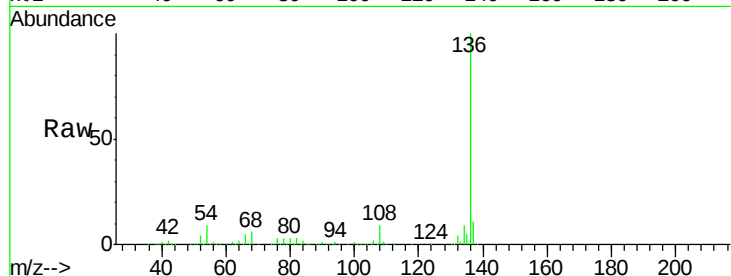




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

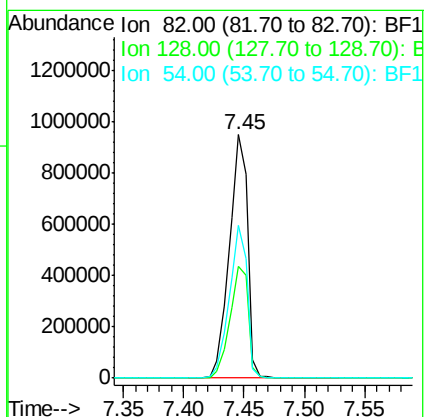
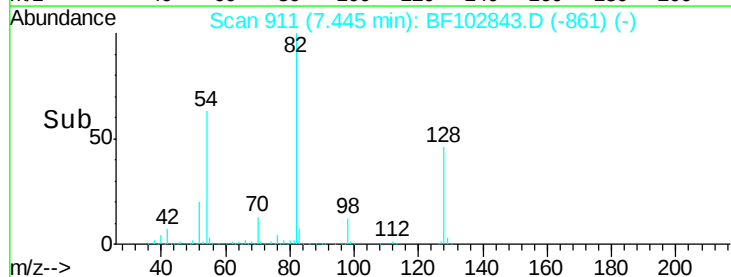
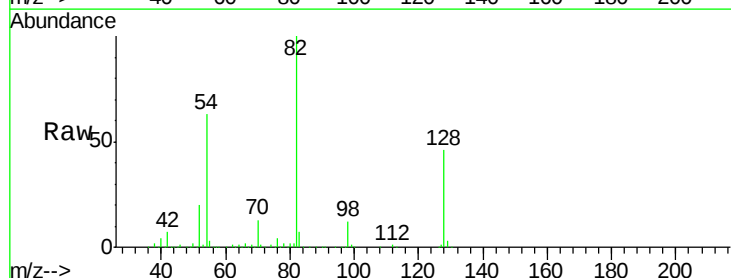
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04

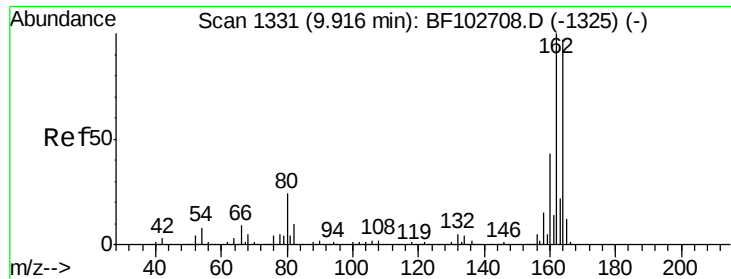
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 677711      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.5  | 8.9 13.3    |
| 54          | 8.7   | 6.6 9.8     |
| 68          | 5.9   | 5.0 7.4     |



#23  
Nitrobenzene-d5  
Concen: 102.179 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 998231      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 46.0  | 36.1 54.1   |
| 54          | 62.6  | 41.4 62.2#  |

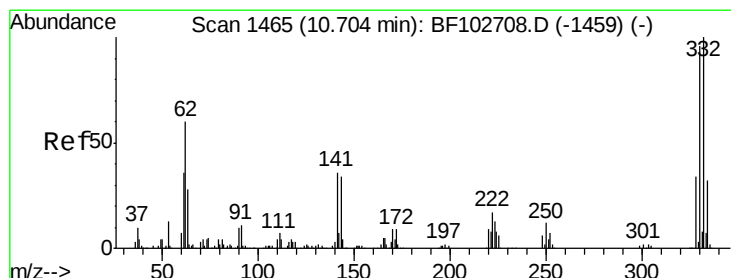
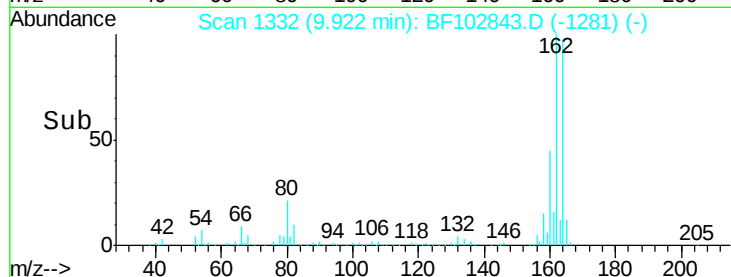
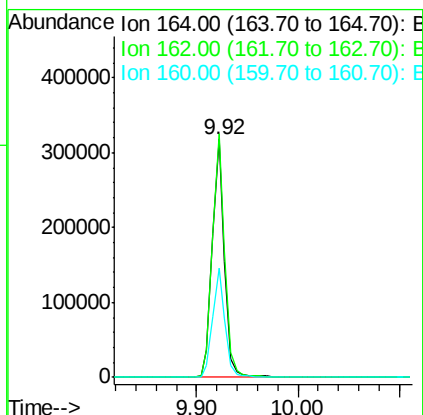
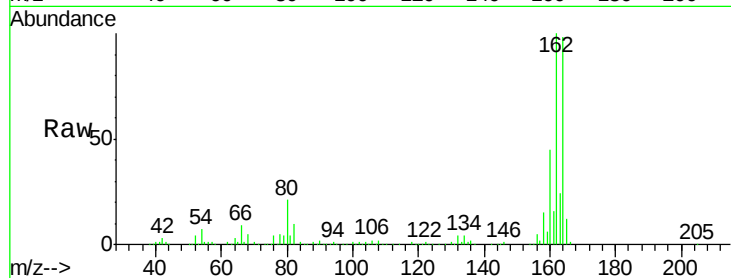




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

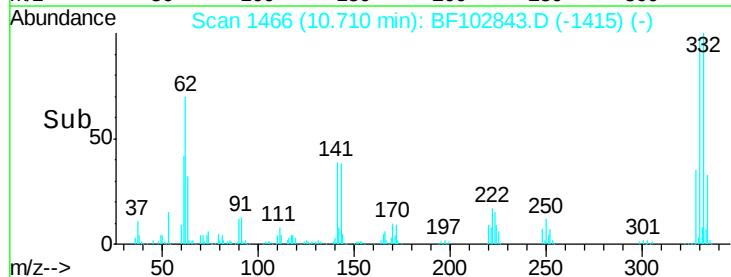
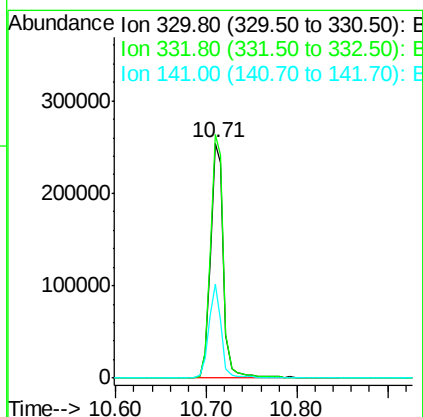
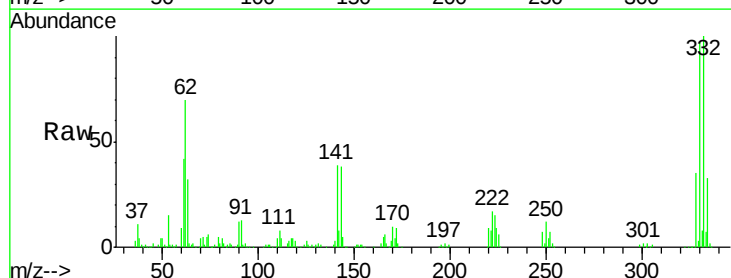
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04

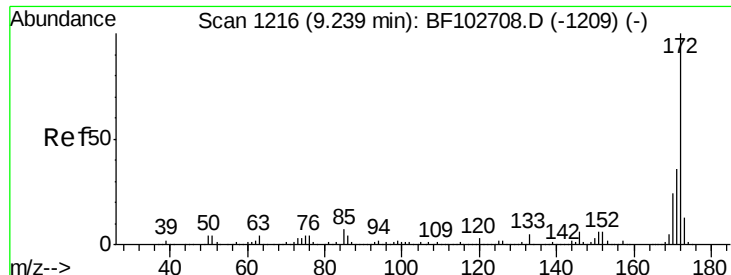
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 86.1  | 129.1 |
| 160     | 46.1  | 38.3  | 57.5  |



#41  
2,4,6-Tribromophenol  
Concen: 120.821 ng  
RT: 10.71 min Scan# 1466  
Delta R.T. 0.00 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 103.7 | 77.0  | 115.6 |
| 141     | 38.5  | 29.9  | 44.9  |

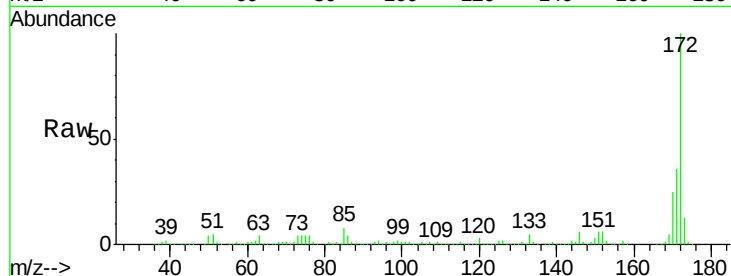




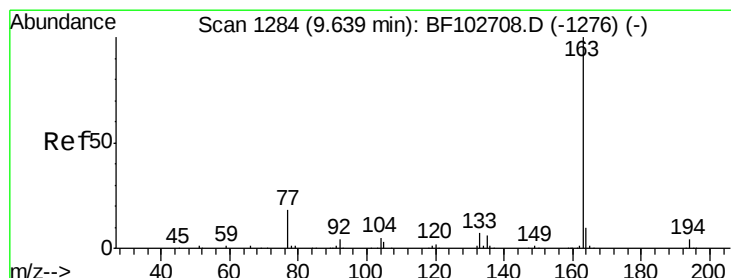
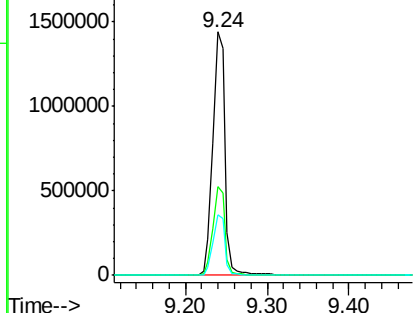
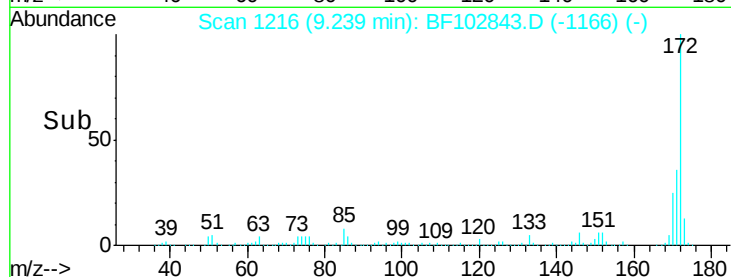
#44  
2-Fluorobiphenyl  
Concen: 94.099 ng  
RT: 9.24 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

Instrument :  
BNA\_F  
ClientSampleId :  
SB-04

Tot Ion:172 Resp: 1509873  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.7 44.5  
170 24.7 19.6 29.4

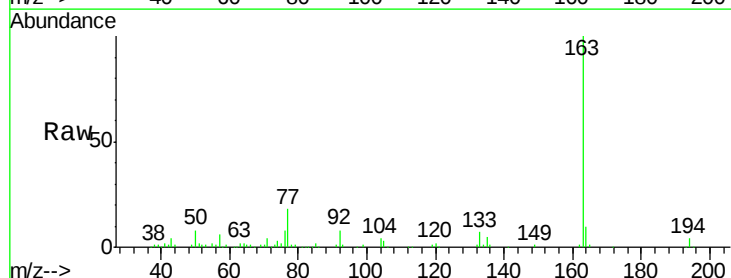


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

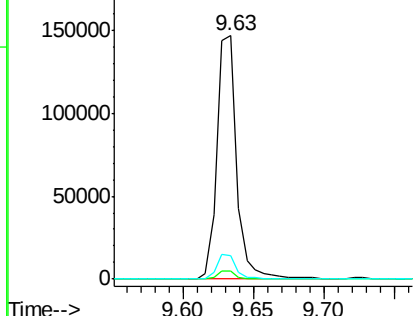
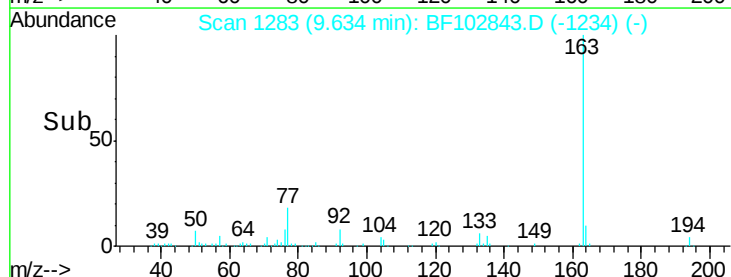


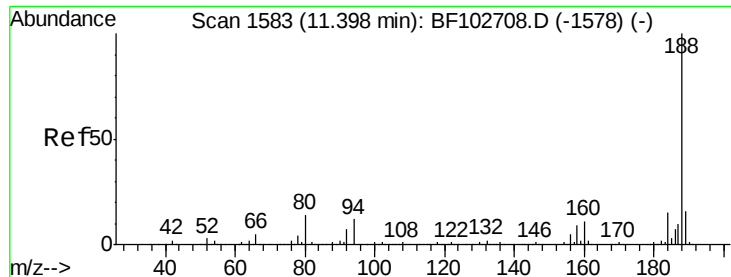
#49  
Dimethylphthalate  
Concen: 6.922 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF102843.D  
Acq: 8 Feb 2018 4:25

Tgt Ion:163 Resp: 143707  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.7 4.1  
164 9.6 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA\_F

ClientSampleId :

SB-04

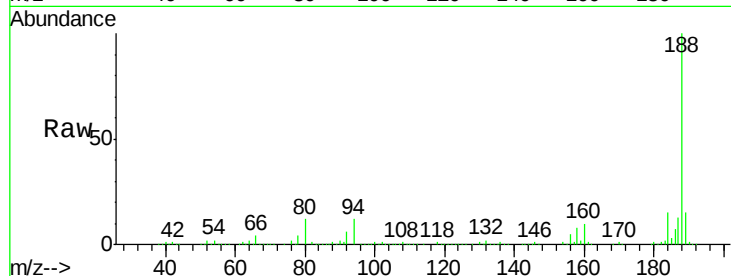
Tot Ion:188 Resp: 383523

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

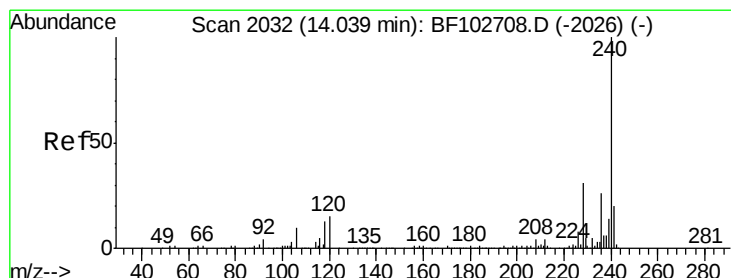
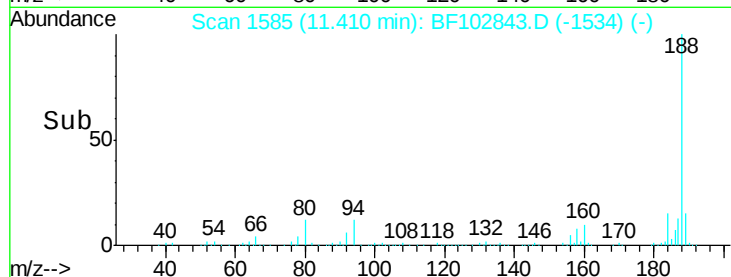
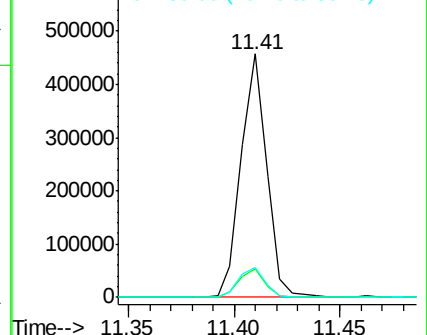
80 12.4 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

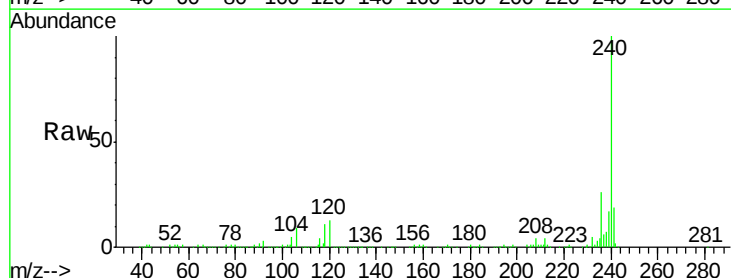
Tgt Ion:240 Resp: 321291

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

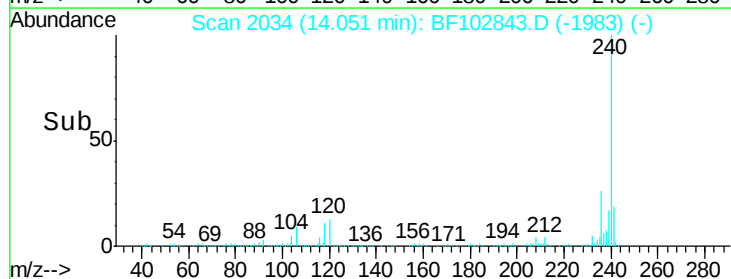
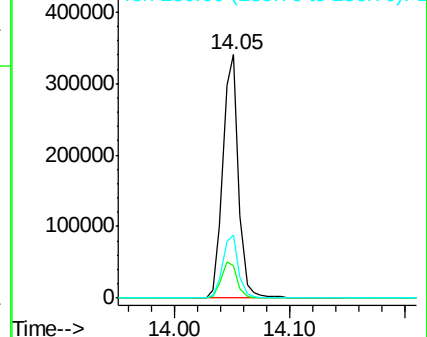
236 26.0 20.7 31.1

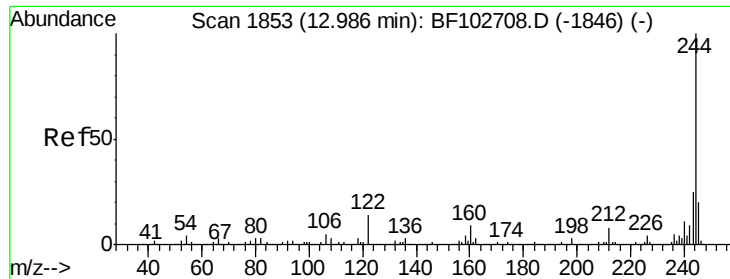


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.374 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

Instrument :

BNA\_F

ClientSampleId :

SB-04

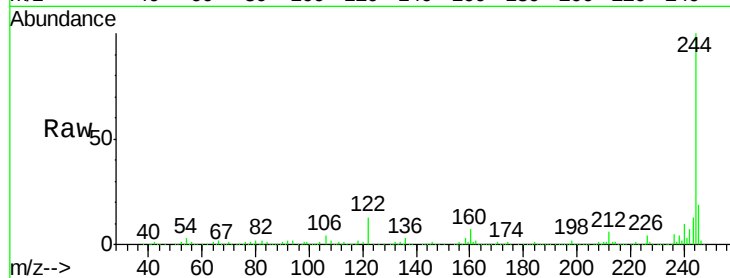
Tot Ion:244 Resp: 1077055

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

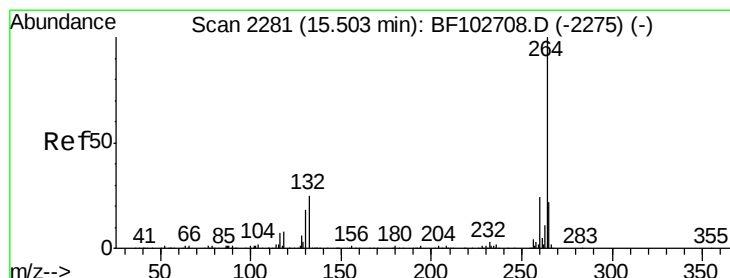
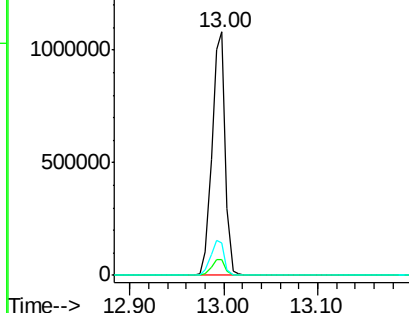
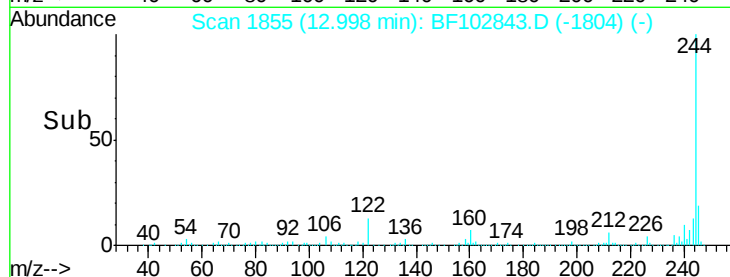
122 13.1 11.0 16.4



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: 15.53 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF102843.D

Acq: 8 Feb 2018 4:25

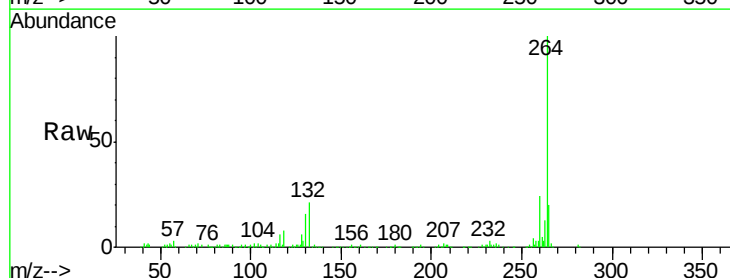
Tgt Ion:264 Resp: 244156

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.3 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

