

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\  
 Data File : BF097155.D  
 Acq On : 28 Jul 2017 15:33  
 Operator : SJ/JU  
 Sample : I4417-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-A3-A4-A5-A6

Quant Time: Jul 28 16:22:05 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

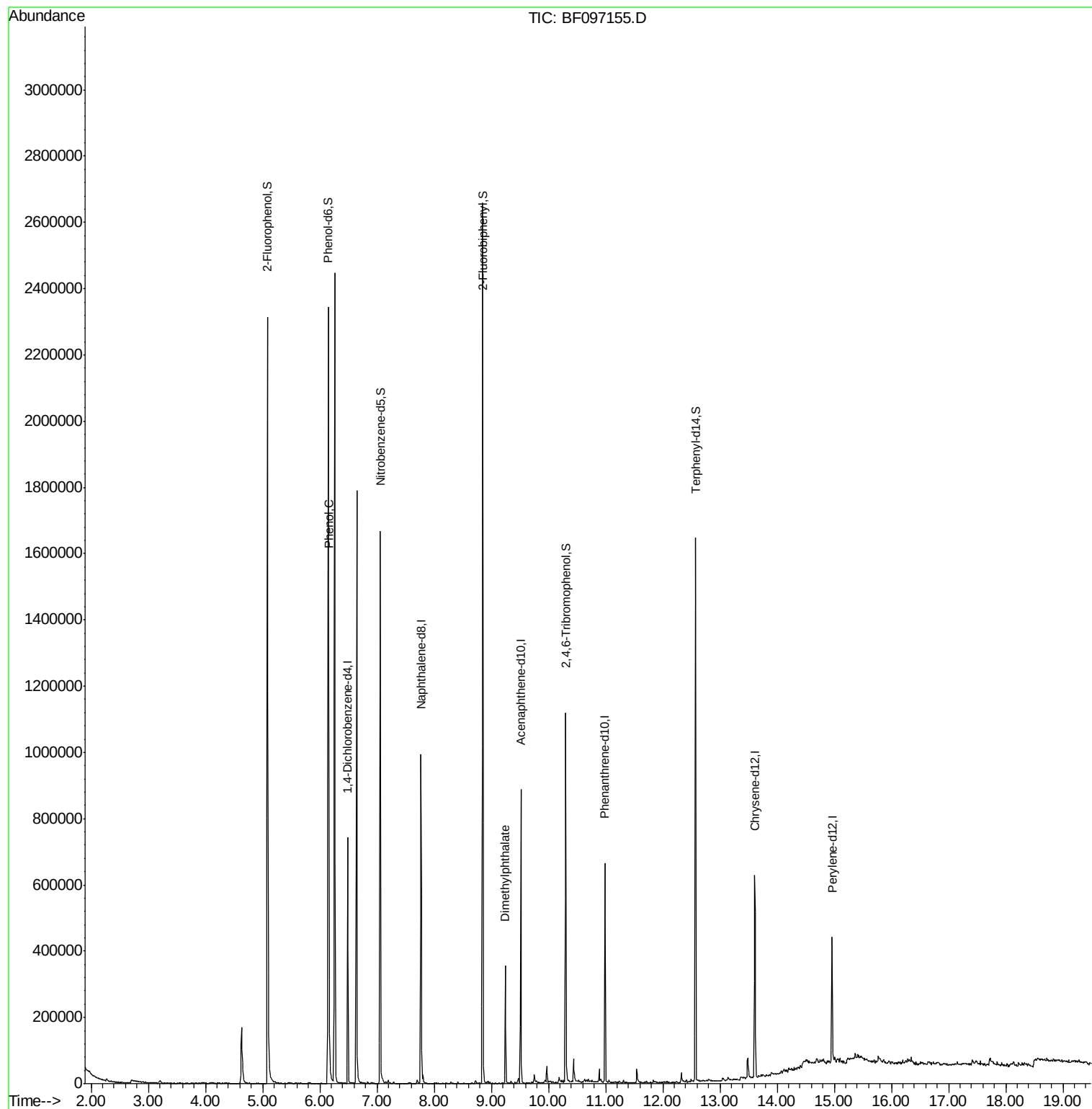
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.49  | 152  | 103271   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.77  | 136  | 414796   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.52  | 164  | 165773   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 10.99 | 188  | 224799   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 13.61 | 240  | 201195   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 14.96 | 264  | 154895   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.09  | 112  | 688464   | 100.50 | ng    | -0.01    |
| 7) Phenol-d6                | 6.15  | 99   | 826530   | 105.68 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.06  | 82   | 481473   | 68.09  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.30 | 330  | 123144   | 94.02  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.85  | 172  | 842543   | 86.26  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.57 | 244  | 502900   | 50.96  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.16  | 94   | 34978    | 3.771  | ng    | 98       |
| 49) Dimethylphthalate       | 9.25  | 163  | 127952   | 10.164 | ng    | 99       |

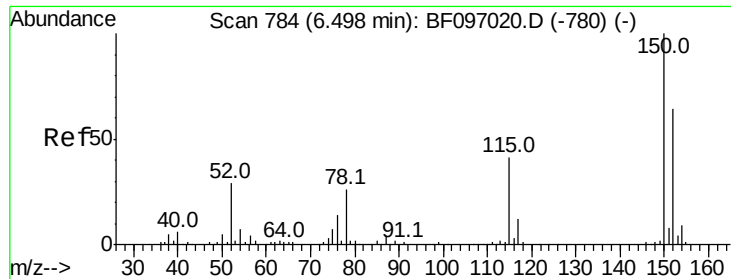
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

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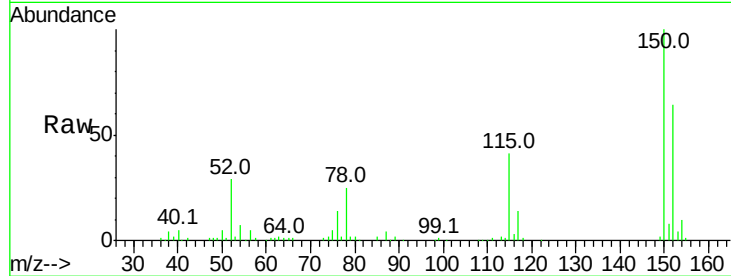


#1

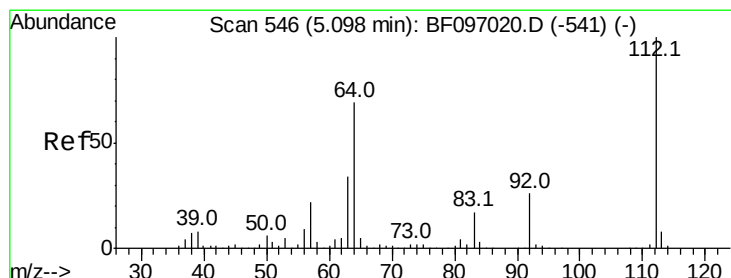
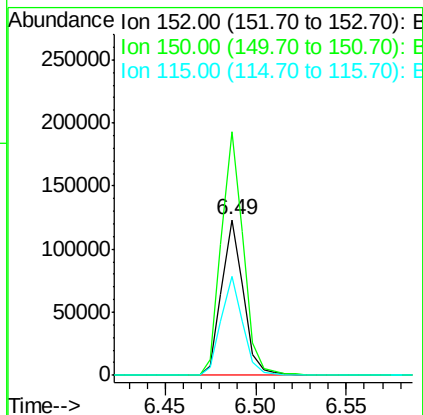
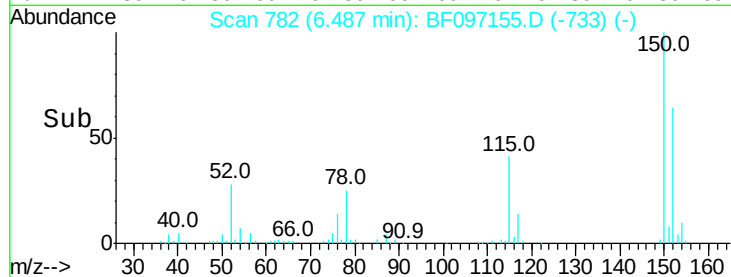
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.49 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BF097155.D  
Acq: 28 Jul 2017 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-A3-A4-A5-A6

Tot Ion:152 Resp: 103271  
Ion Ratio Lower Upper  
152 100  
150 156.6 126.2 189.2  
115 63.6 52.2 78.2



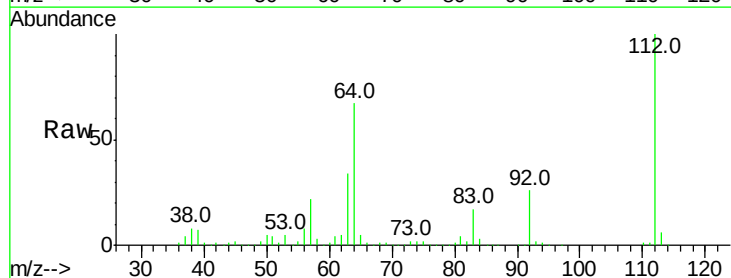
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



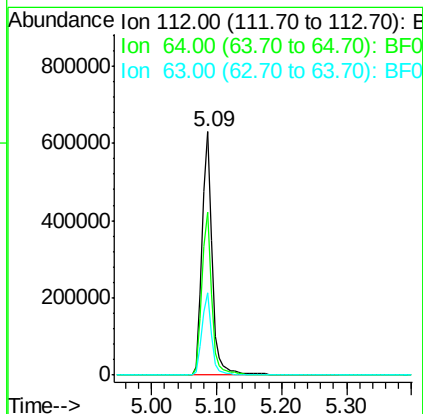
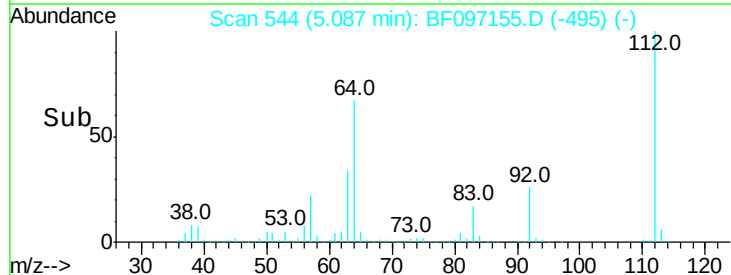
#5

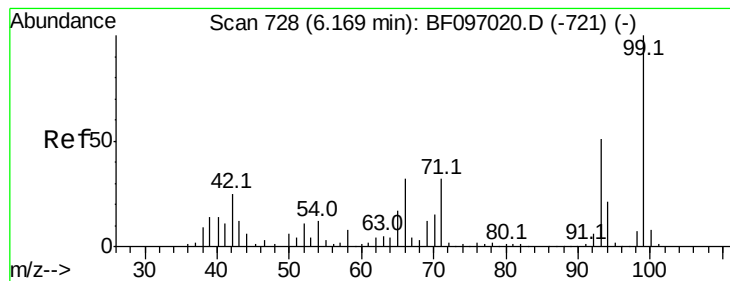
2-Fluorophenol  
Concen: 100.498 ng  
RT: 5.09 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF097155.D  
Acq: 28 Jul 2017 15:33

Tgt Ion:112 Resp: 688464  
Ion Ratio Lower Upper  
112 100  
64 66.7 46.0 69.0  
63 34.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.685 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Instrument :

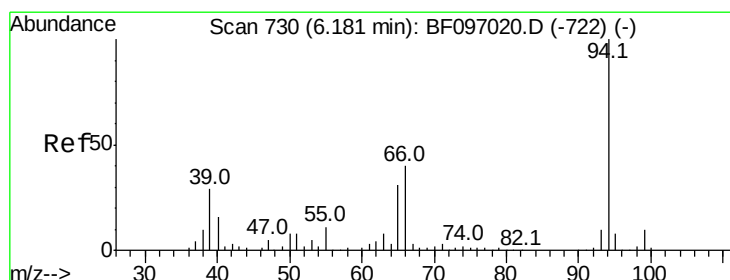
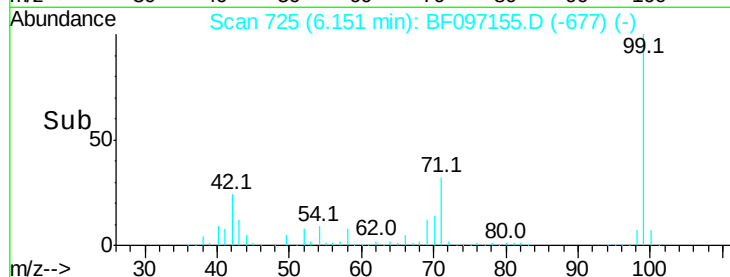
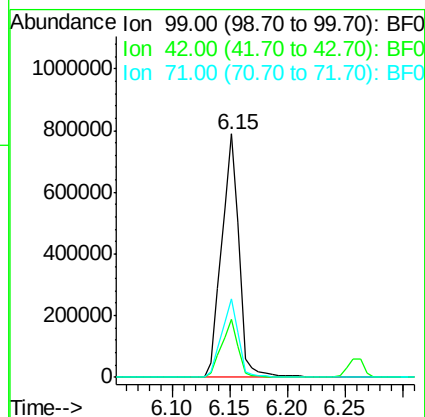
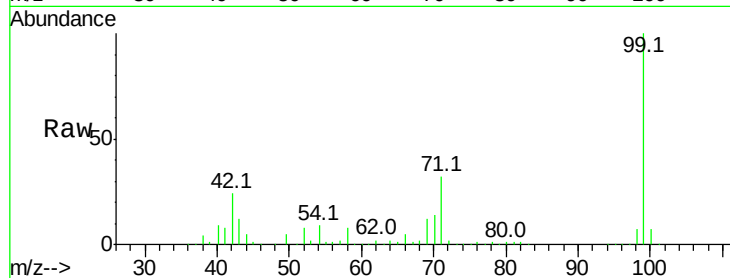
BNA\_F

ClientSampleId :

FK-BPM-01-A3-A4-A5-A6

Tot Ion: 99 Resp: 826530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.9  | 13.5  | 20.3# |
| 71  | 32.2  | 24.5  | 36.7  |



#10

Phenol

Concen: 3.771 ng

RT: 6.16 min Scan# 727

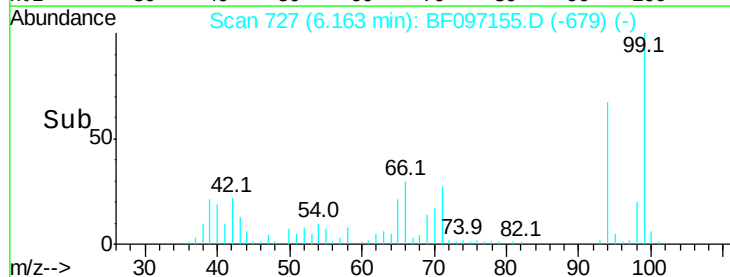
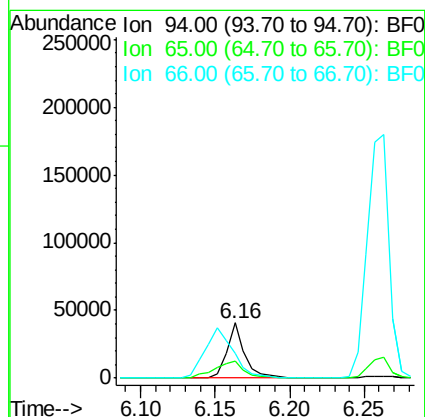
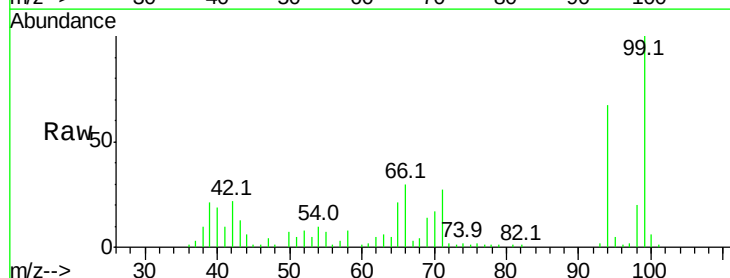
Delta R.T. -0.02 min

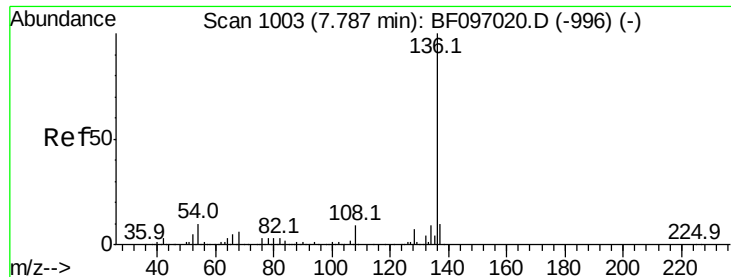
Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Tgt Ion: 94 Resp: 34978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 30.9  | 9.9   | 49.9  |
| 66  | 44.3  | 23.1  | 63.1  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-01-A3-A4-A5-A6

Tot Ion:136 Resp: 414796

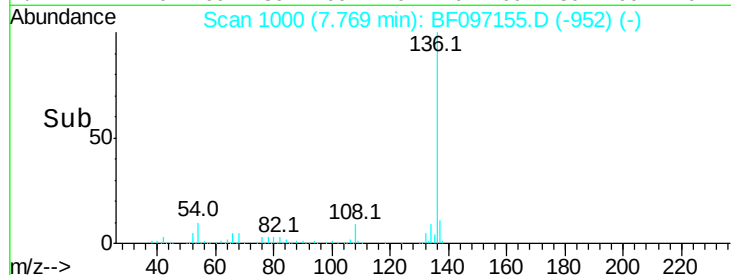
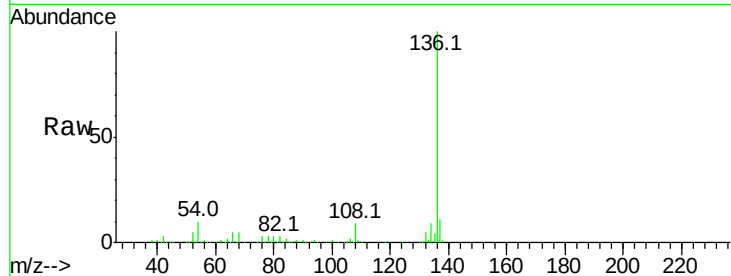
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.5 4.9 7.3#

68 5.0 4.1 6.1

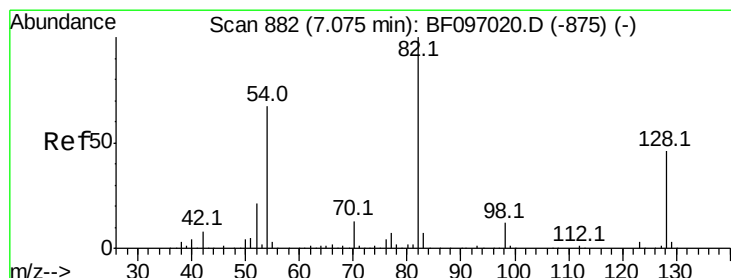
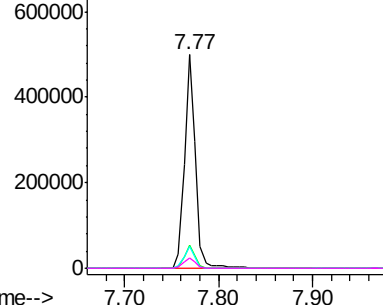


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 68.094 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

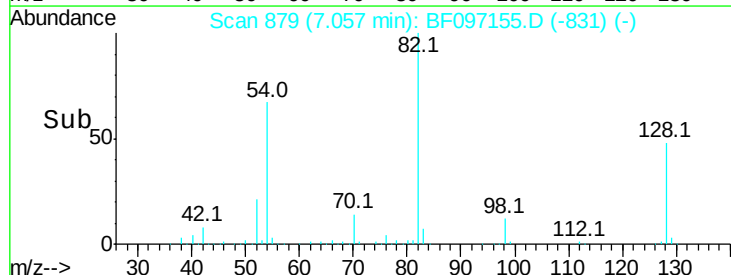
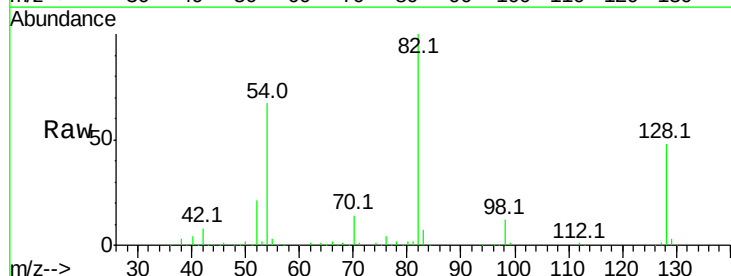
Tgt Ion: 82 Resp: 481473

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

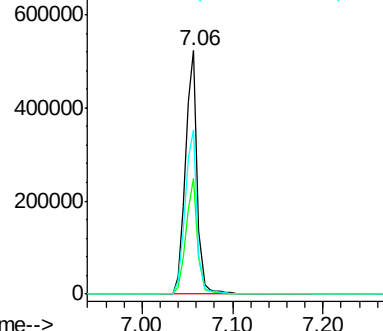
54 67.5 42.2 63.2#

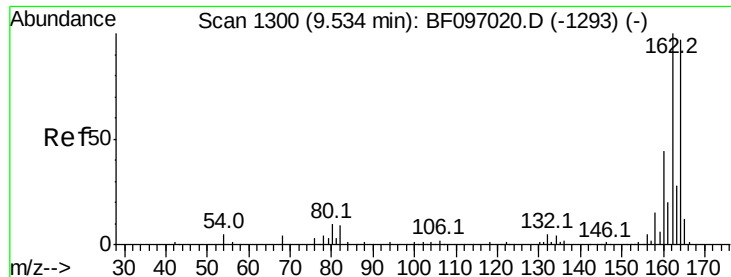


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

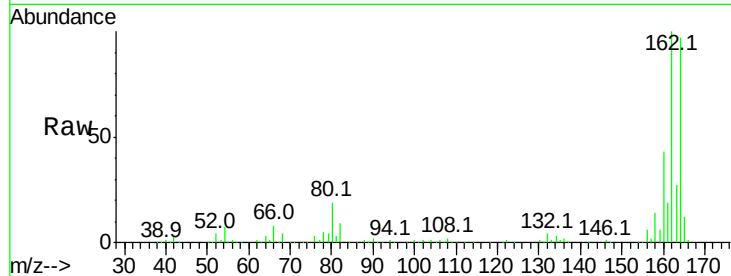




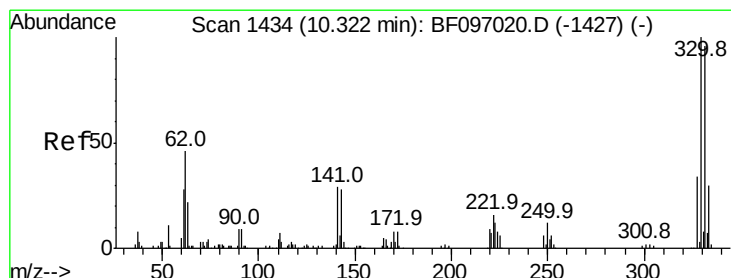
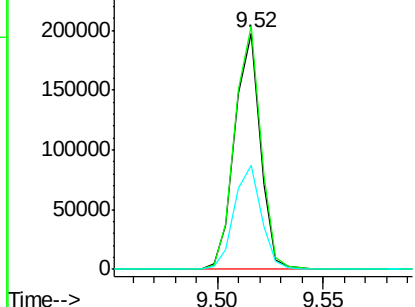
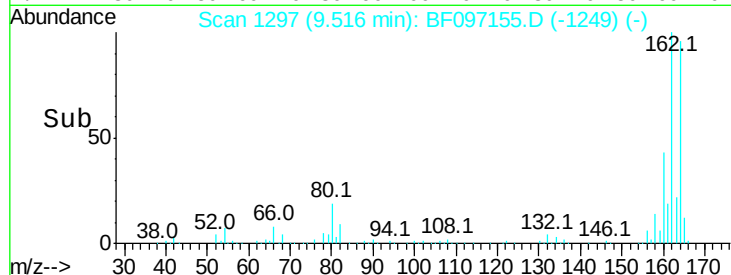
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.52 min Scan# 1297  
 Delta R.T. -0.02 min  
 Lab File: BF097155.D  
 Acq: 28 Jul 2017 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-A3-A4-A5-A6

Tot Ion:164 Resp: 165773  
 Ion Ratio Lower Upper  
 164 100  
 162 103.0 82.6 123.8  
 160 43.9 36.2 54.2

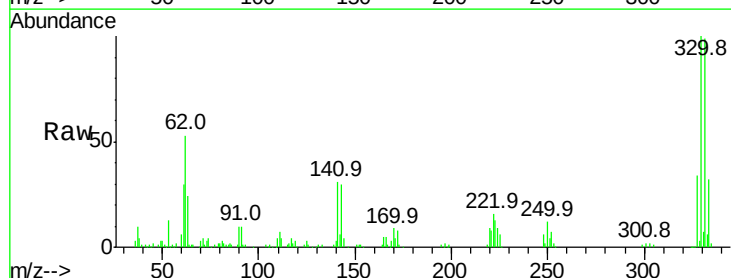


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

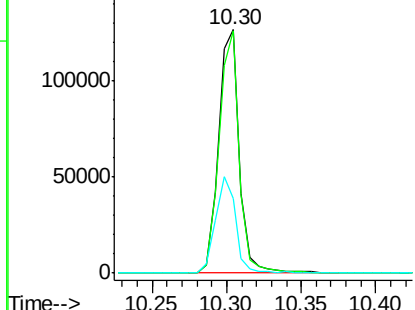
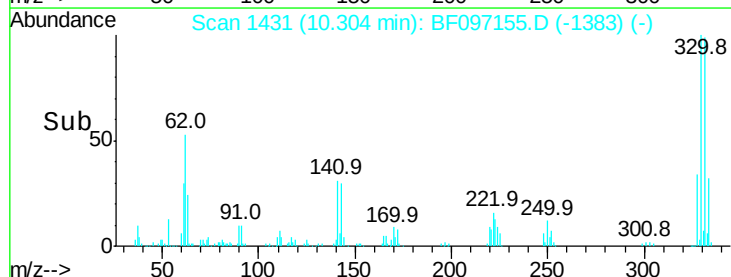


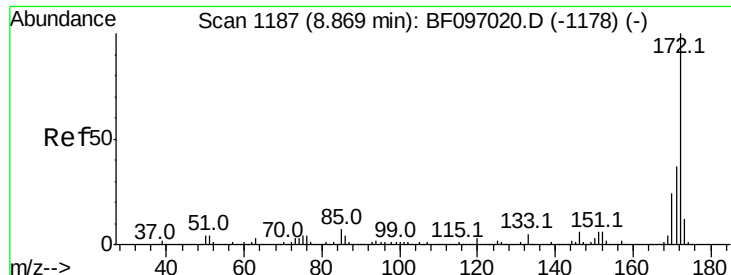
#41  
 2,4,6-Tribromophenol  
 Concen: 94.020 ng  
 RT: 10.30 min Scan# 1431  
 Delta R.T. -0.02 min  
 Lab File: BF097155.D  
 Acq: 28 Jul 2017 15:33

Tgt Ion:330 Resp: 123144  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 76.6 115.0  
 141 38.5 31.4 47.2



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

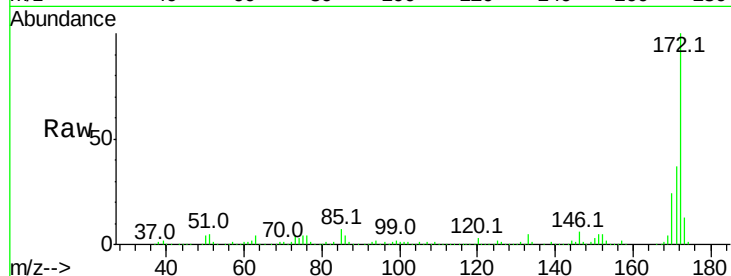




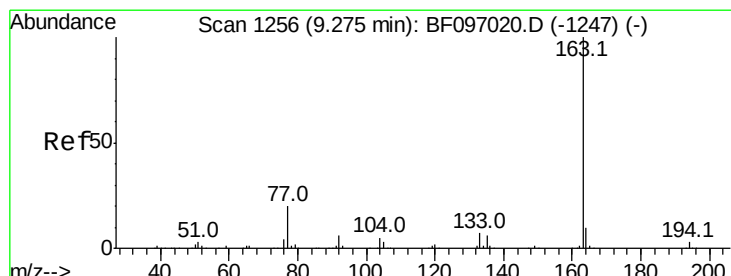
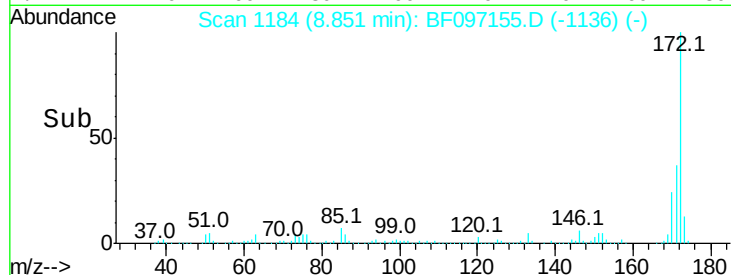
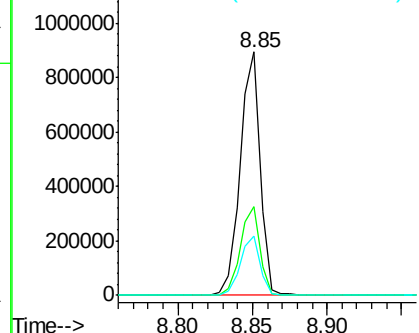
#44  
 2-Fluorobiphenyl  
 Concen: 86.255 ng  
 RT: 8.85 min Scan# 1184  
 Delta R.T. -0.02 min  
 Lab File: BF097155.D  
 Acq: 28 Jul 2017 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-A3-A4-A5-A6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.6  | 44.4  |
| 170     | 24.1  | 19.8  | 29.8  |

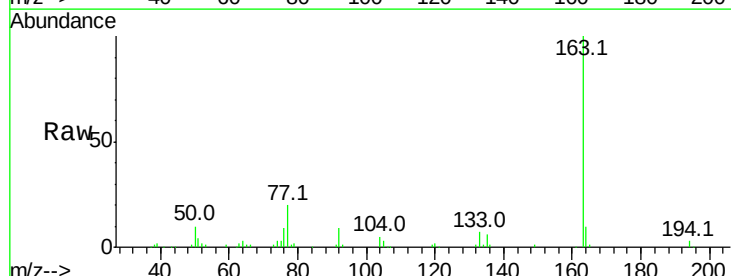


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

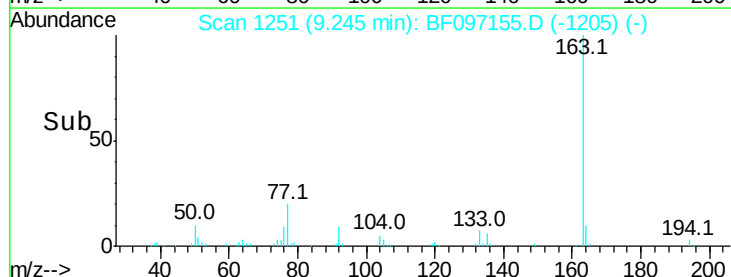
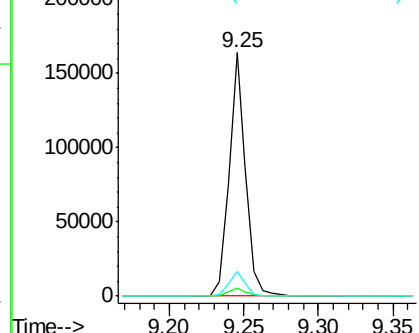


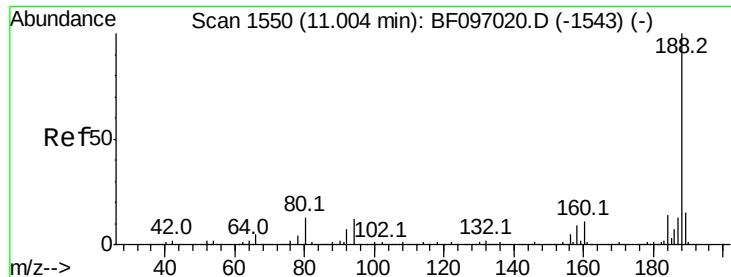
#49  
 Dimethylphthalate  
 Concen: 10.164 ng  
 RT: 9.25 min Scan# 1251  
 Delta R.T. -0.03 min  
 Lab File: BF097155.D  
 Acq: 28 Jul 2017 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.4   | 2.6   | 4.0   |
| 164     | 9.9   | 8.4   | 12.6  |



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

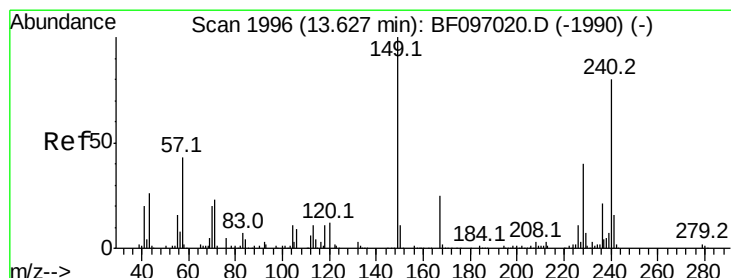
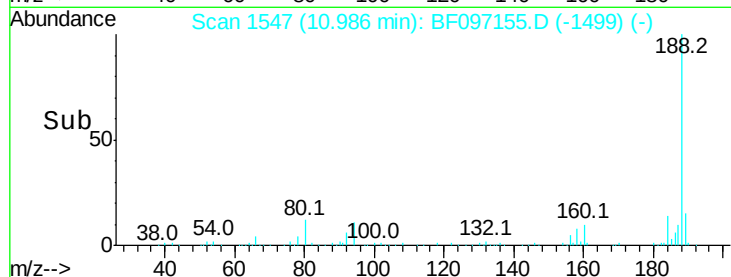
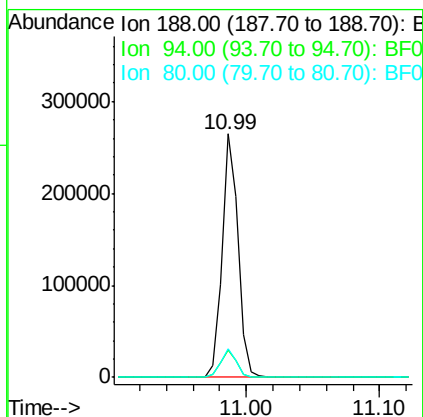
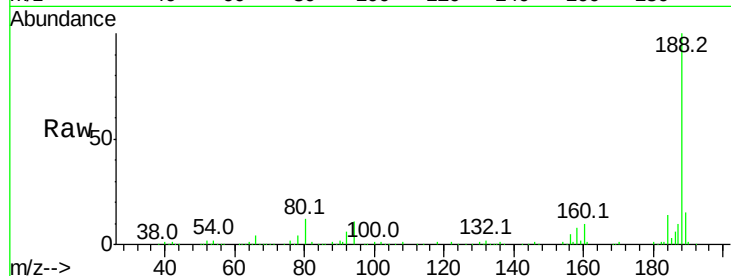




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1547  
Delta R.T. -0.02 min  
Lab File: BF097155.D  
Acq: 28 Jul 2017 15:33

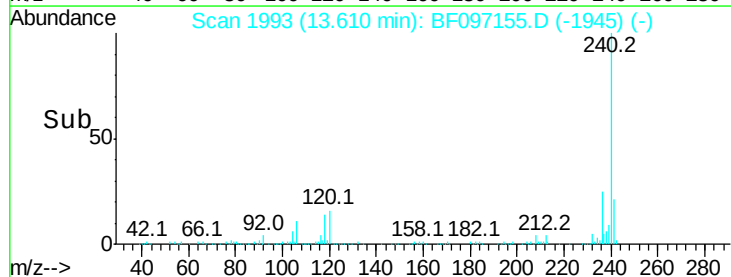
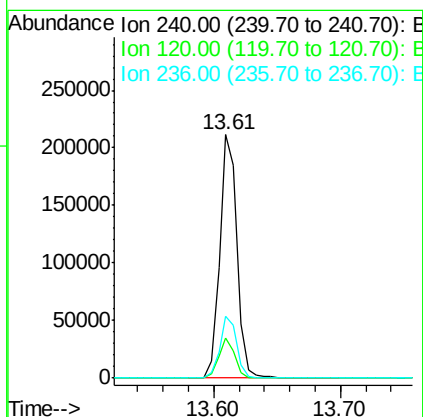
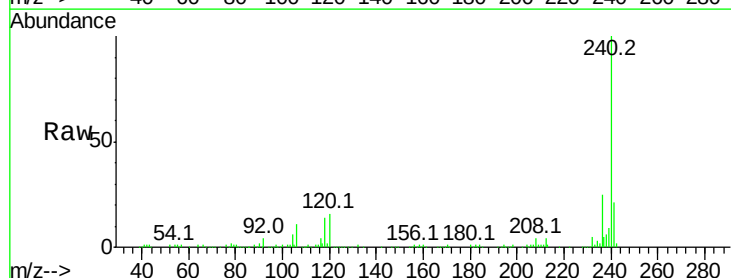
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-A3-A4-A5-A6

Tot Ion:188 Resp: 224799  
Ion Ratio Lower Upper  
188 100  
94 11.4 9.4 14.2  
80 11.7 10.2 15.2

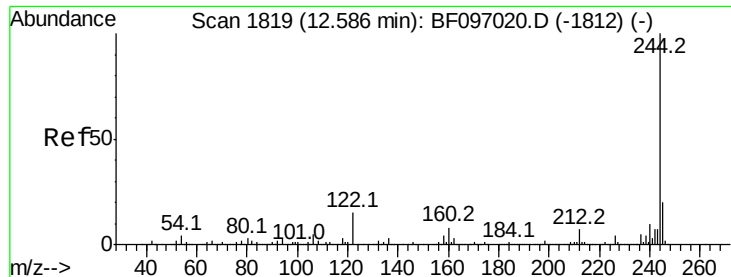


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.61 min Scan# 1993  
Delta R.T. -0.02 min  
Lab File: BF097155.D  
Acq: 28 Jul 2017 15:33

Tgt Ion:240 Resp: 201195  
Ion Ratio Lower Upper  
240 100  
120 16.4 5.8 8.8#  
236 25.5 20.5 30.7







#78

Terphenyl-d14

Concen: 50.962 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-01-A3-A4-A5-A6

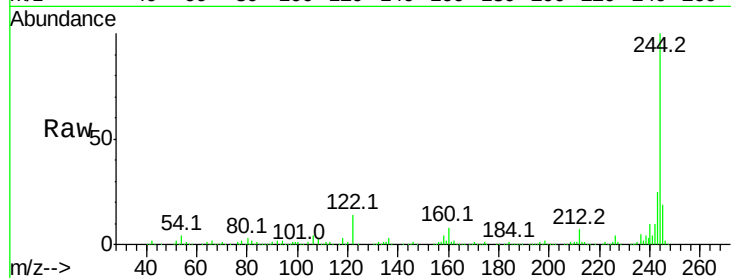
Tot Ion:244 Resp: 502900

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

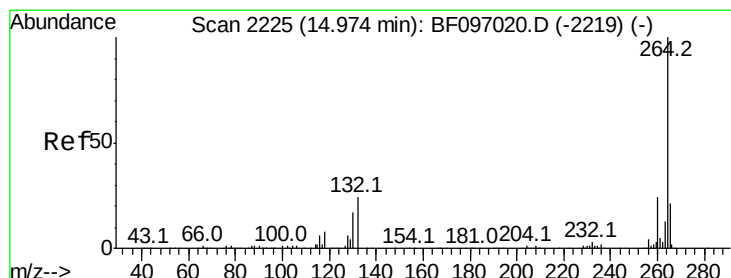
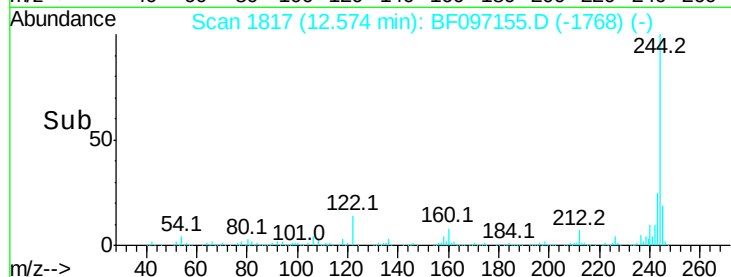
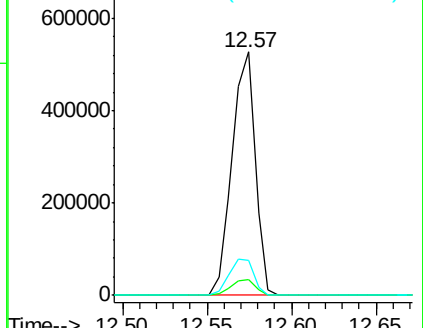
122 14.5 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097155.D

Acq: 28 Jul 2017 15:33

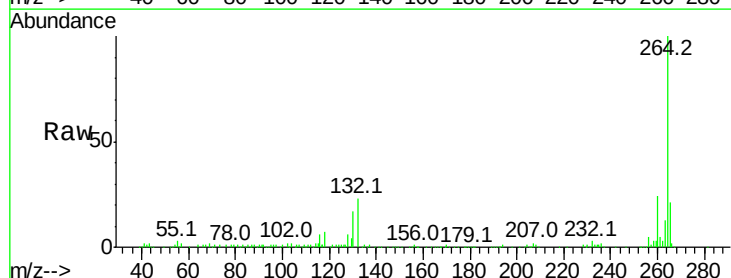
Tgt Ion:264 Resp: 154895

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 20.9 17.2 25.8



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

