

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012717\  
 Data File : BF092604.D  
 Acq On : 28 Jan 2017 4:17  
 Operator : SJ/MA  
 Sample : I1527-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Quant Time: Jan 28 05:02:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 13:48:07 2017  
 Response via : Initial Calibration

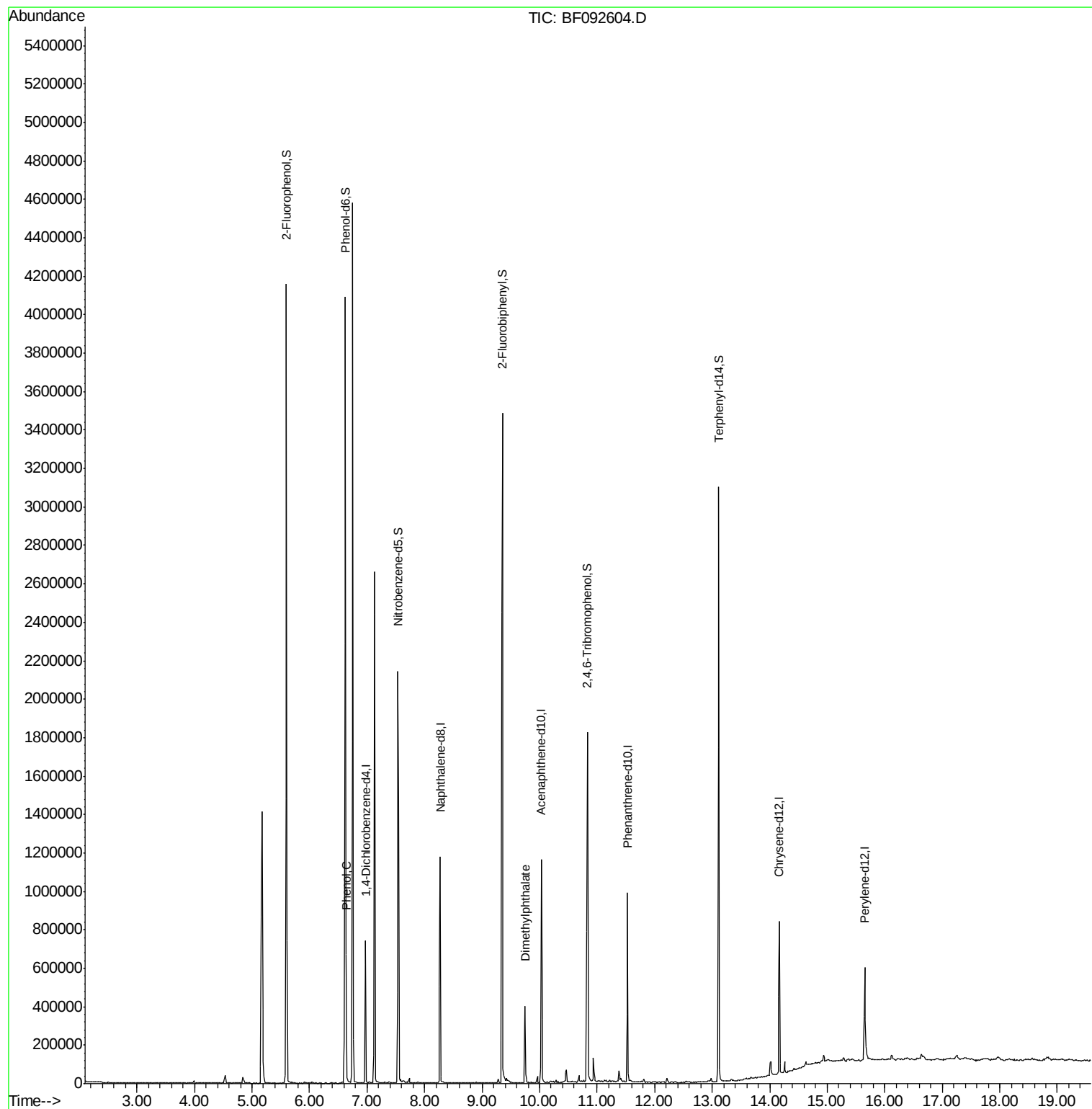
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.98  | 152  | 155011   | 20.00  | ng    | 0.01        |
| 21) Naphthalene-d8          | 8.27  | 136  | 595998   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 10.03 | 164  | 265187   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.53 | 188  | 389047   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 14.17 | 240  | 321481   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.65 | 264  | 234309   | 20.00  | ng    | 0.01        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.60  | 112  | 1234015  | 123.86 | ng    | 0.05        |
| 7) Phenol-d6                | 6.62  | 99   | 1534027  | 120.88 | ng    | 0.03        |
| 23) Nitrobenzene-d5         | 7.54  | 82   | 951453   | 87.20  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.83 | 330  | 224108   | 124.01 | ng    | 0.01        |
| 44) 2-Fluorobiphenyl        | 9.36  | 172  | 1524254  | 106.29 | ng    | 0.00        |
| 78) Terphenyl-d14           | 13.12 | 244  | 1131384  | 93.71  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.64  | 94   | 118684   | 7.75   | ng    | Qvalue # 69 |
| 49) Dimethylphthalate       | 9.74  | 163  | 164720   | 9.77   | ng    | 100         |

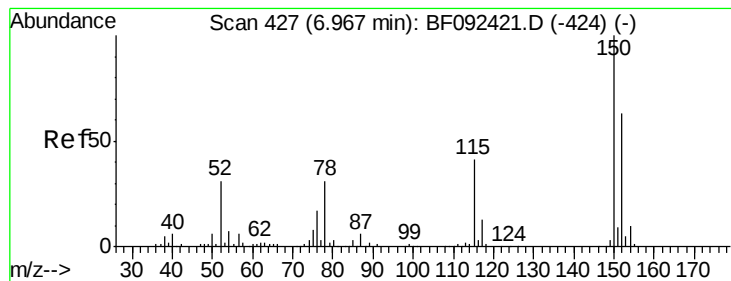
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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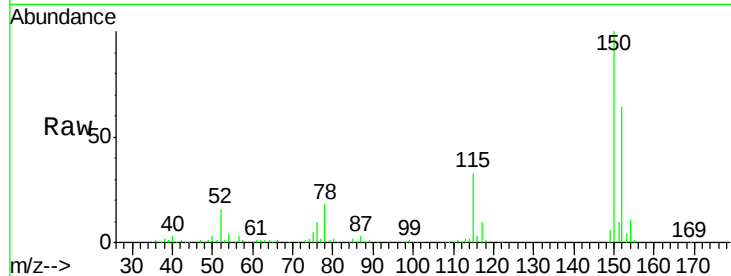




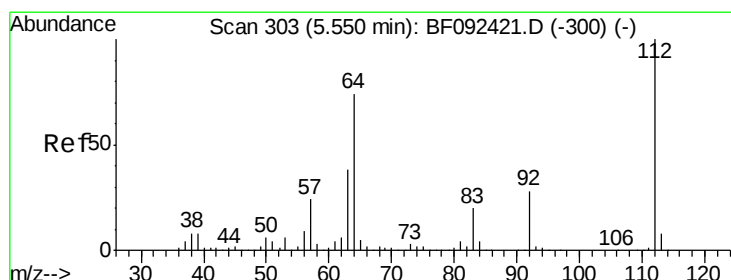
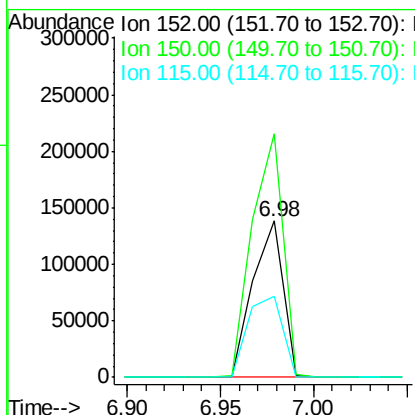
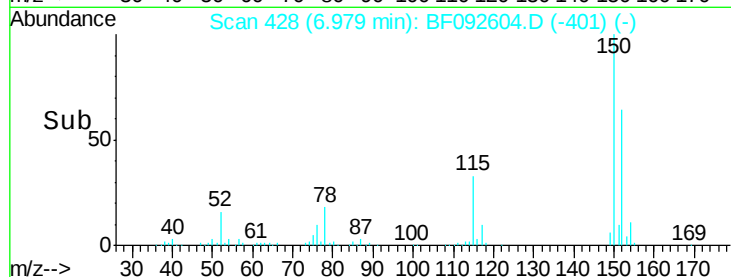
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.98 min Scan# 428  
 Delta R.T. 0.01 min  
 Lab File: BF092604.D  
 Acq: 28 Jan 2017 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Tgt Ion:152 Resp: 155011  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 124.9 187.3  
 115 52.2 46.0 69.0

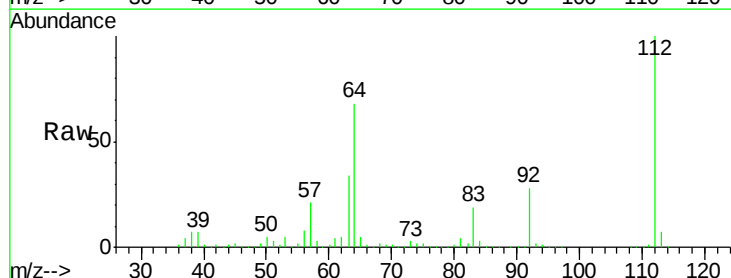


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

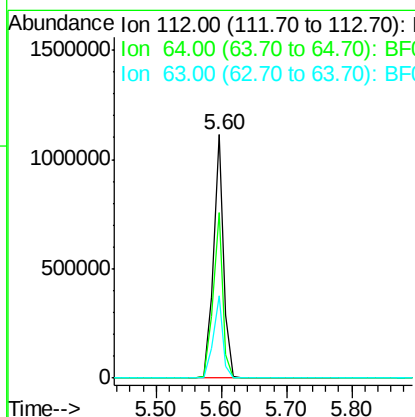
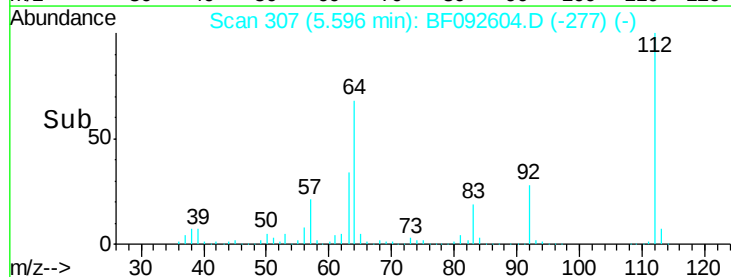


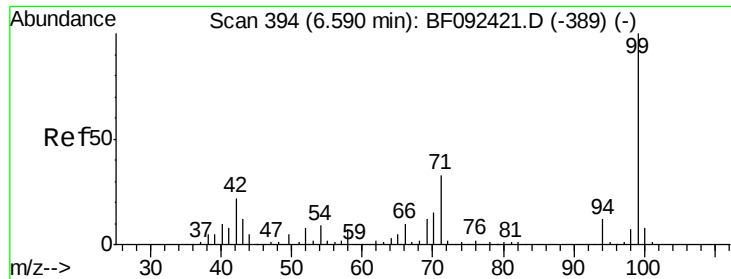
#5  
 2-Fluorophenol  
 Concen: 123.86 ng  
 RT: 5.60 min Scan# 307  
 Delta R.T. 0.05 min  
 Lab File: BF092604.D  
 Acq: 28 Jan 2017 4:17

Tgt Ion:112 Resp: 1234015  
 Ion Ratio Lower Upper  
 112 100  
 64 68.2 46.1 69.1  
 63 34.0 23.8 35.6



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: 120.88 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

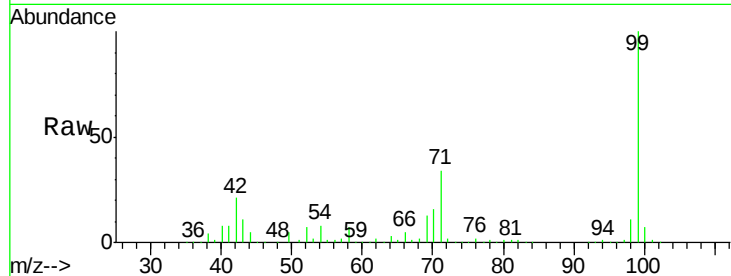
Tgt Ion: 99 Resp: 1534027

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

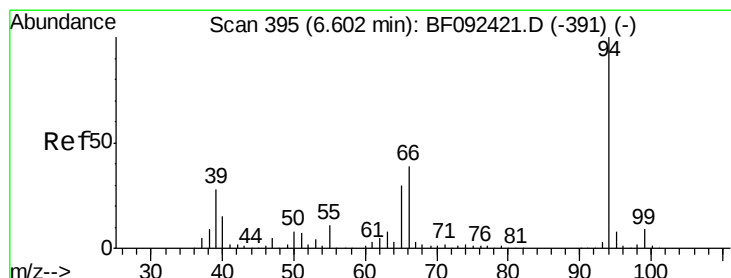
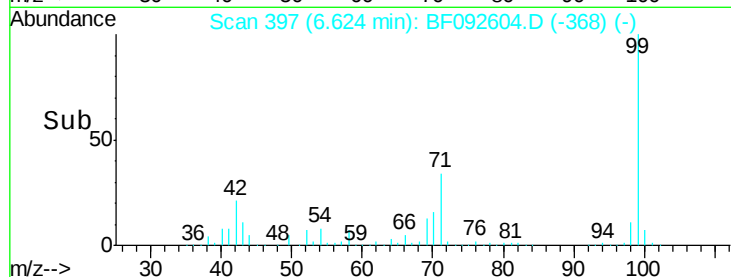
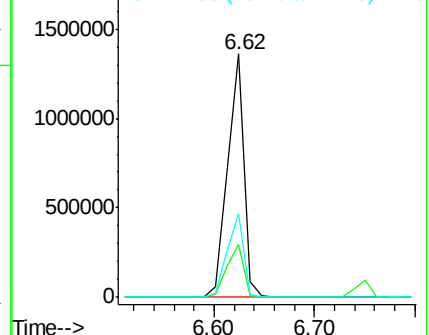
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.75 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

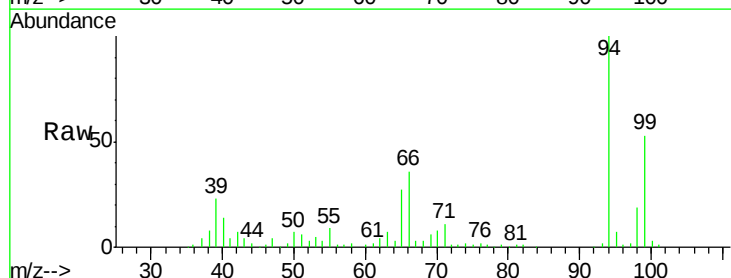
Tgt Ion: 94 Resp: 118684

Ion Ratio Lower Upper

94 100

65 26.5 21.4 61.4

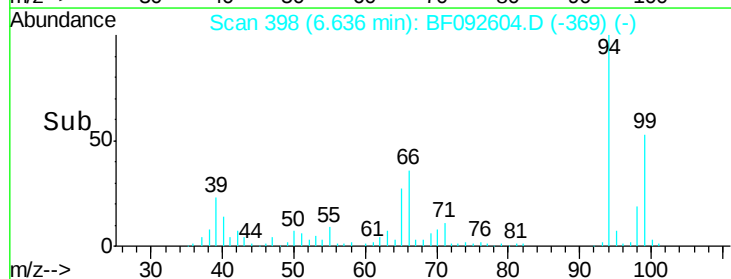
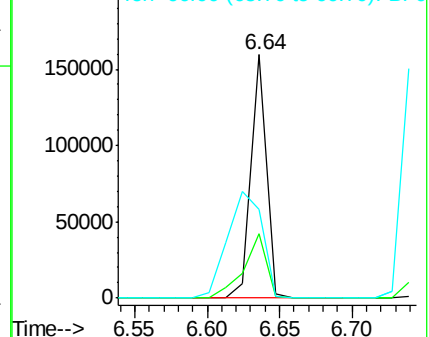
66 36.2 44.0 84.0#

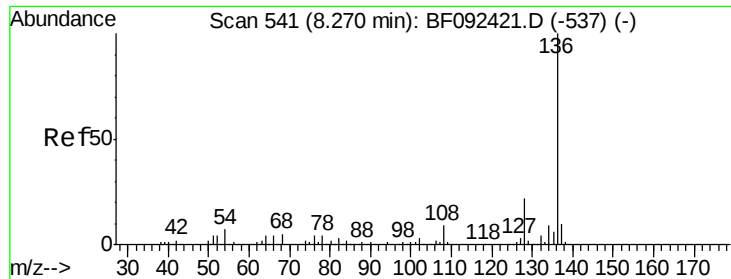


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

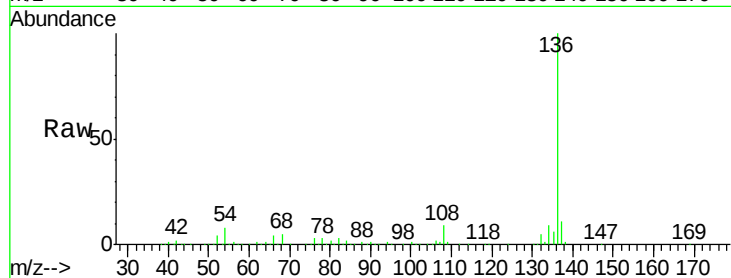




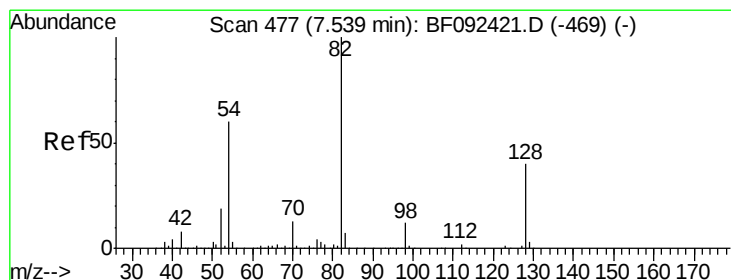
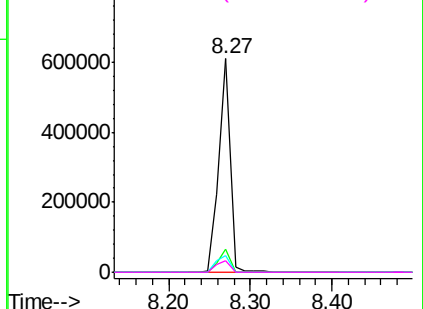
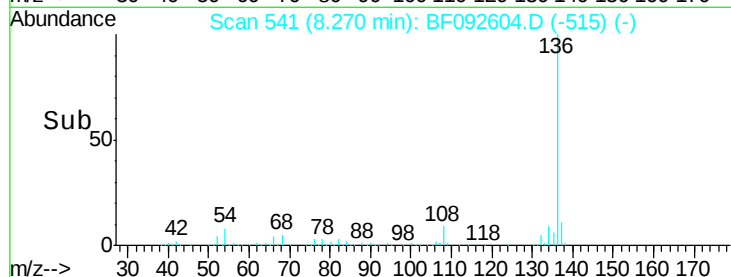
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.27 min Scan# 541  
Delta R.T. -0.00 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 595998 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.4   | 12.6   |
| 54       | 7.5   | 4.5   | 6.7#   |
| 68       | 5.4   | 3.6   | 5.4    |

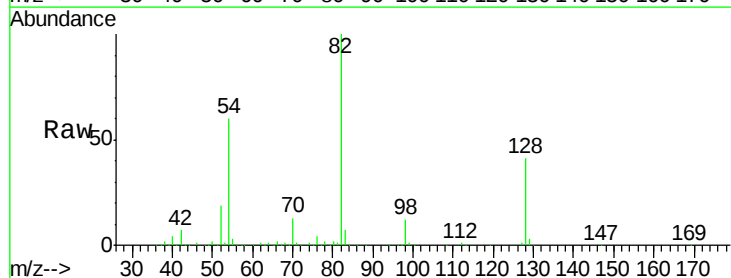


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

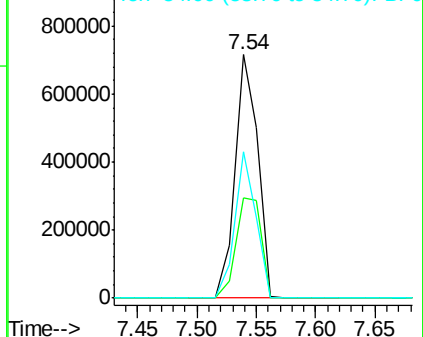
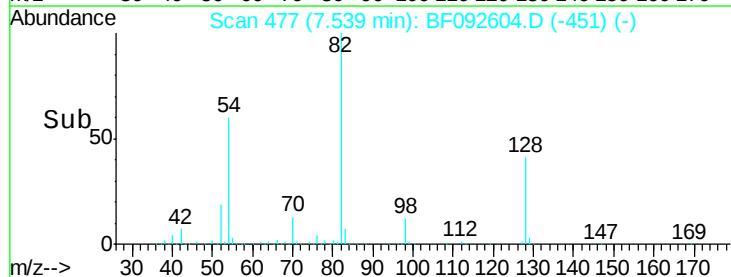


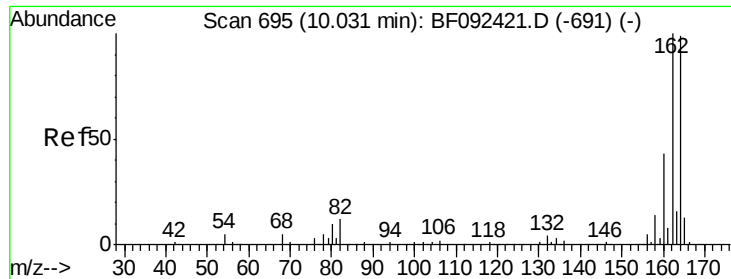
#23  
Nitrobenzene-d5  
Concen: 87.20 ng  
RT: 7.54 min Scan# 477  
Delta R.T. -0.00 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 951453 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.3  | 34.6  | 52.0   |
| 54       | 60.2  | 39.5  | 59.3#  |



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

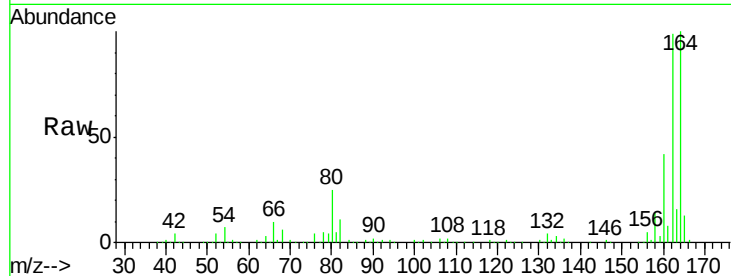




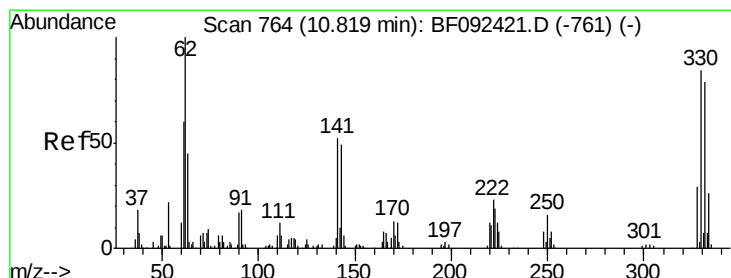
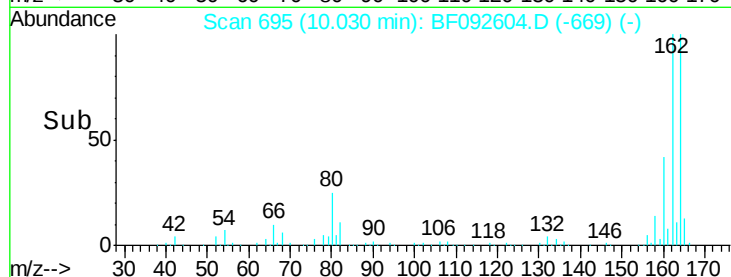
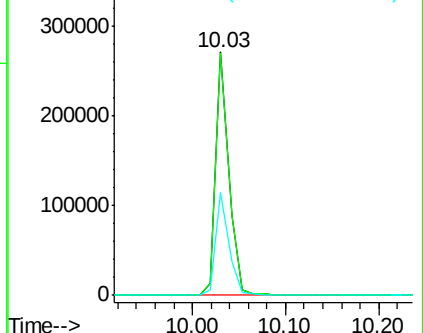
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.03 min Scan# 695  
Delta R.T. -0.00 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

Tgt Ion:164 Resp: 265187  
Ion Ratio Lower Upper  
164 100  
162 99.4 80.2 120.2  
160 42.2 36.9 55.3

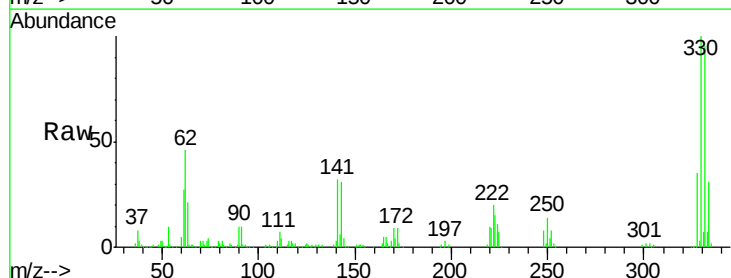


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

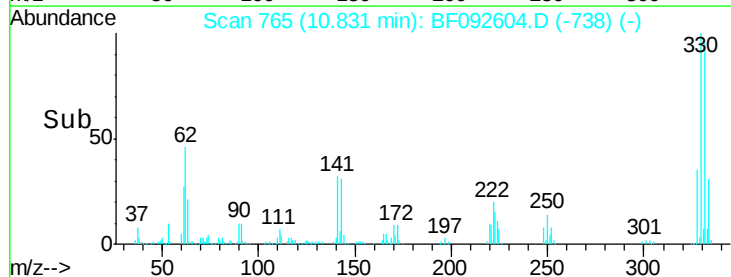
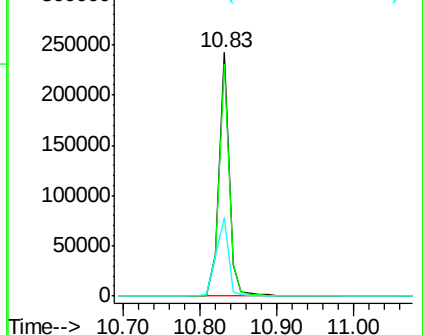


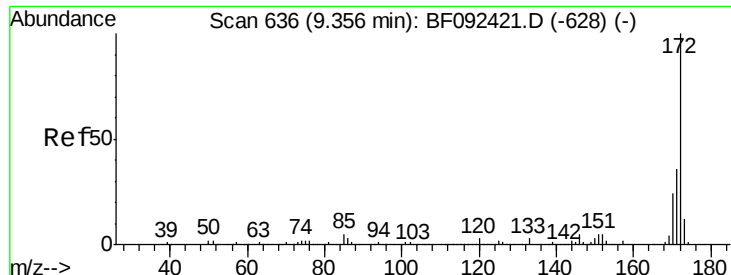
#41  
2,4,6-Tribromophenol  
Concen: 124.01 ng  
RT: 10.83 min Scan# 765  
Delta R.T. 0.01 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

Tgt Ion:330 Resp: 224108  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.4 116.2  
141 38.9 34.1 51.1



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

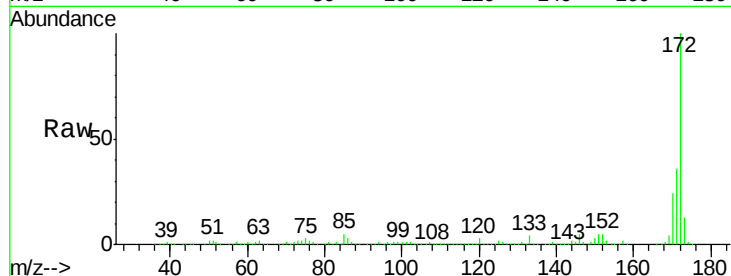




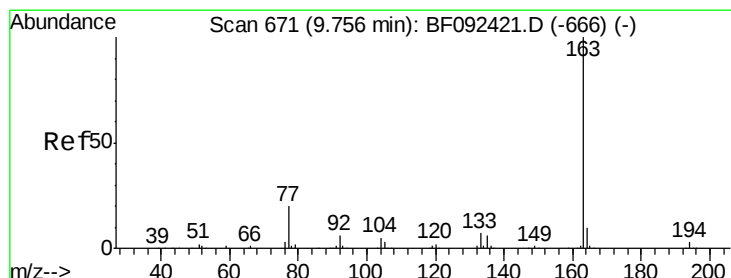
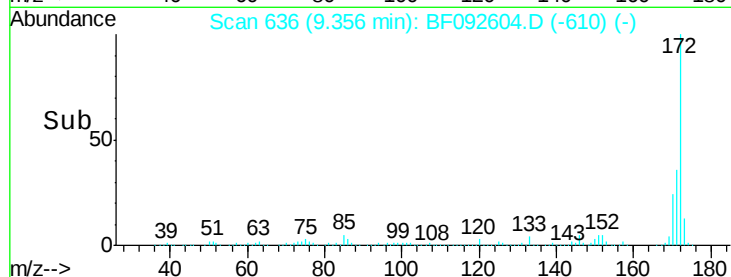
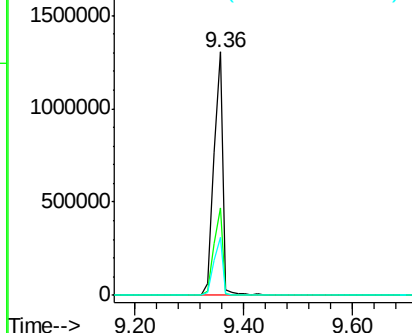
#44  
 2-Fluorobiphenyl  
 Concen: 106.29 ng  
 RT: 9.36 min Scan# 636  
 Delta R.T. -0.00 min  
 Lab File: BF092604.D  
 Acq: 28 Jan 2017 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Tgt Ion:172 Resp: 1524254  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.4 44.0  
 170 24.0 20.2 30.4

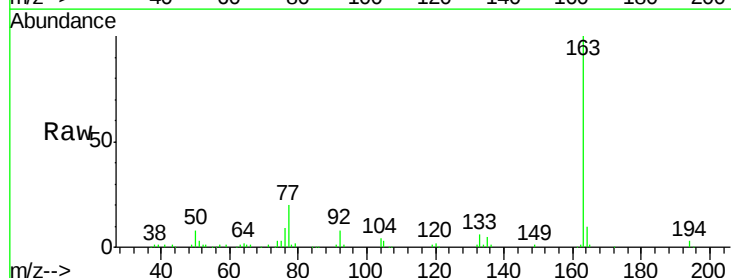


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

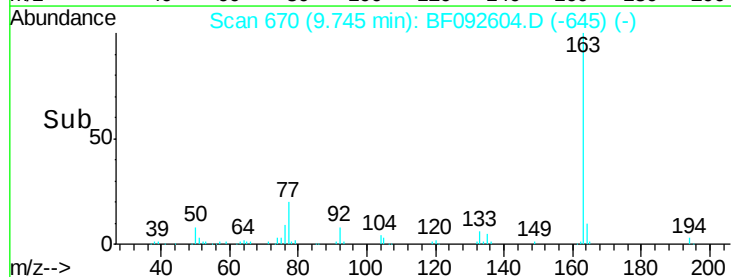
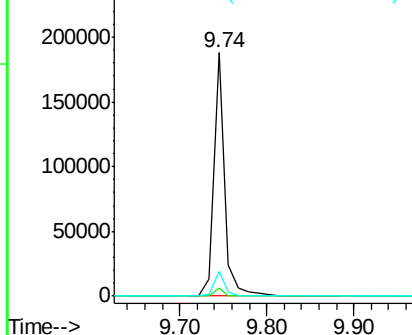


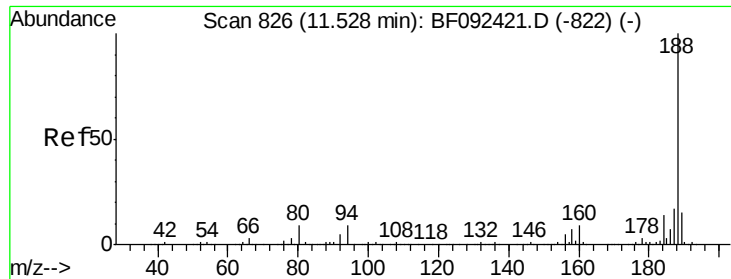
#49  
 Dimethylphthalate  
 Concen: 9.77 ng  
 RT: 9.74 min Scan# 670  
 Delta R.T. -0.01 min  
 Lab File: BF092604.D  
 Acq: 28 Jan 2017 4:17

Tgt Ion:163 Resp: 164720  
 Ion Ratio Lower Upper  
 163 100  
 194 3.2 3.0 4.4  
 164 10.0 8.0 12.0



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

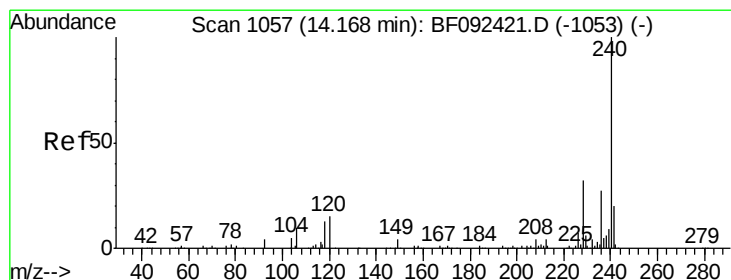
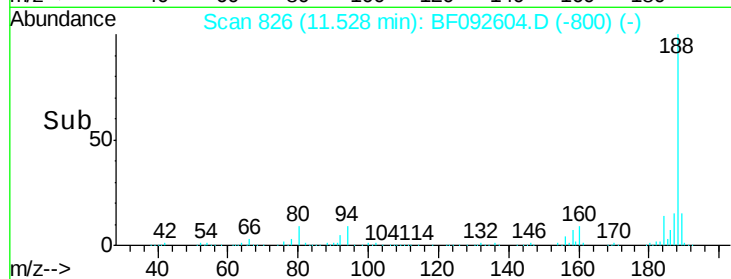
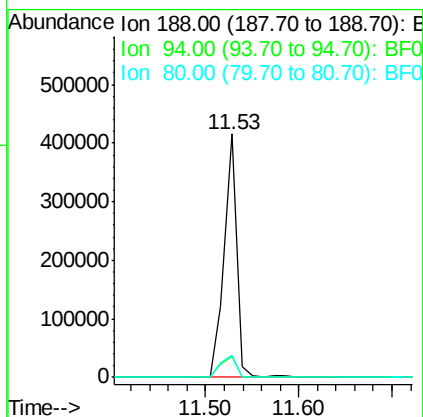
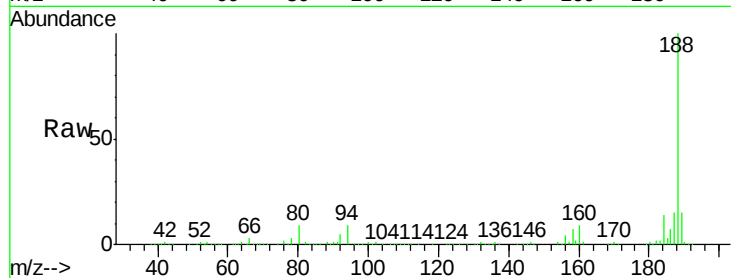




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.53 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

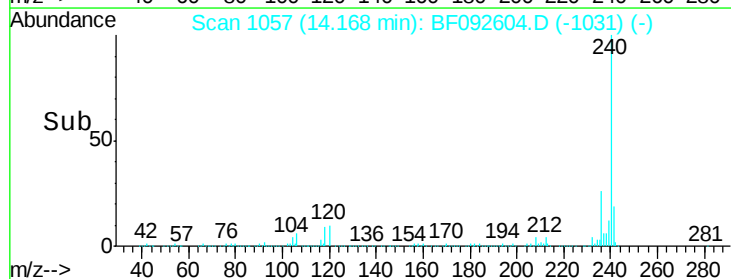
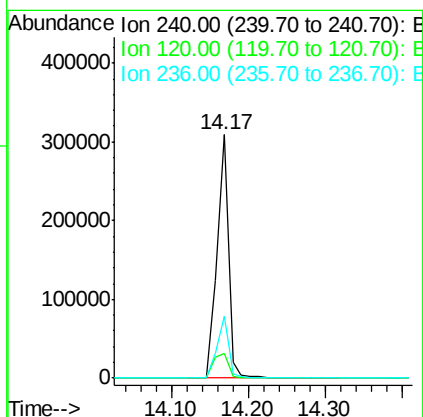
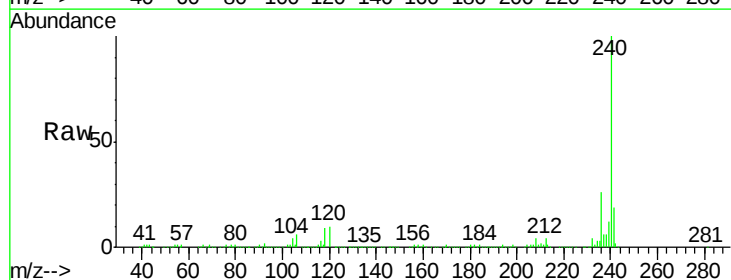
Instrument :  
BNA\_F  
ClientSampled :  
SB-05-COMP

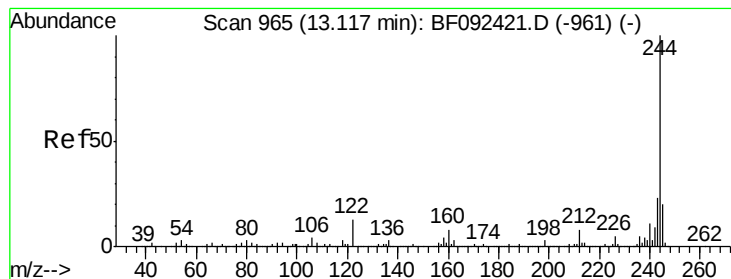
Tgt Ion:188 Resp: 389047  
Ion Ratio Lower Upper  
188 100  
94 8.7 10.0 15.0#  
80 9.3 11.2 16.8#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.17 min Scan# 1057  
Delta R.T. -0.00 min  
Lab File: BF092604.D  
Acq: 28 Jan 2017 4:17

Tgt Ion:240 Resp: 321481  
Ion Ratio Lower Upper  
240 100  
120 10.2 12.9 19.3#  
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 93.71 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

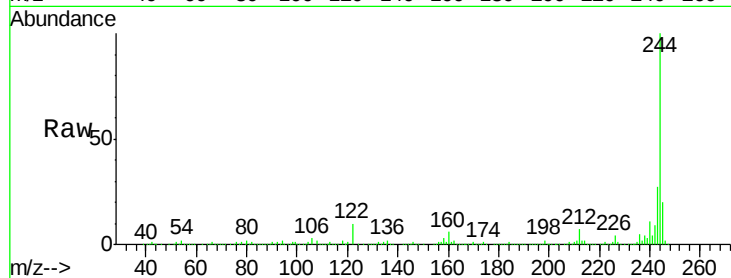
Tgt Ion:244 Resp: 1131384

Ion Ratio Lower Upper

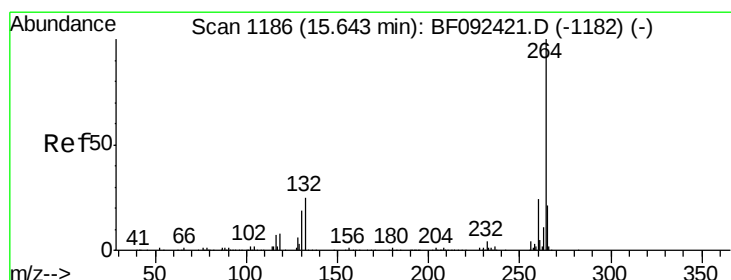
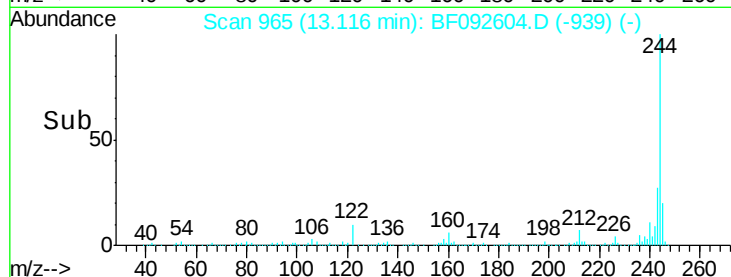
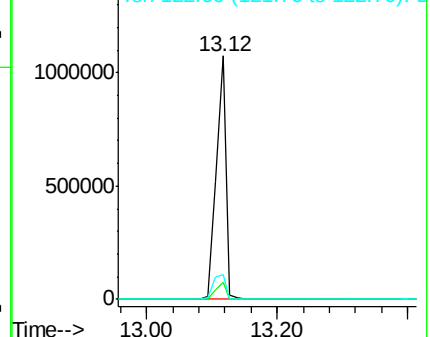
244 100

212 7.1 6.2 9.2

122 10.0 11.4 17.2#



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: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092604.D

Acq: 28 Jan 2017 4:17

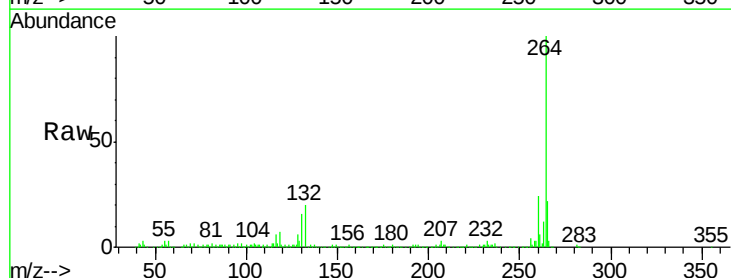
Tgt Ion:264 Resp: 234309

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 17.4 26.0



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

