

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\  
 Data File : BF079242.D  
 Acq On : 14 May 2015 19:56  
 Operator : TP/IZ  
 Sample : G2246-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16

Quant Time: May 15 02:48:38 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 15 02:17:41 2015  
 Response via : Initial Calibration

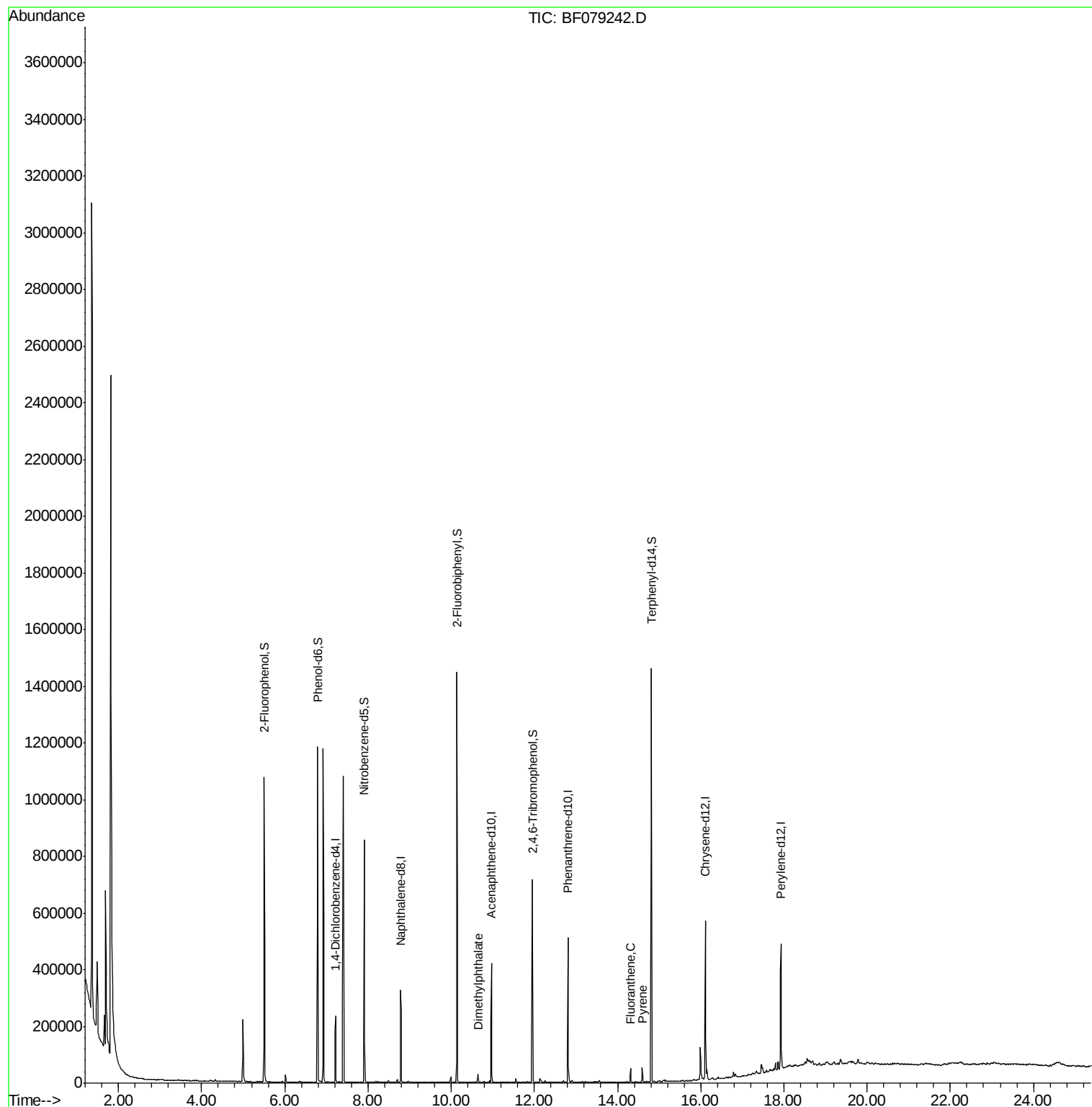
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.22  | 152  | 49577    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.79  | 136  | 201812   | 20.00  | ng    | -0.01       |
| 38) Acenaphthene-d10        | 10.97 | 164  | 100695   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 12.81 | 188  | 188205   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 16.11 | 240  | 208515   | 20.00  | ng    | -0.13       |
| 86) Perylene-d12            | 17.93 | 264  | 232884   | 20.00  | ng    | -0.37       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.51  | 112  | 344716m  | 119.69 | ng    | 0.00        |
| 7) Phenol-d6                | 6.79  | 99   | 480289   | 126.16 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.91  | 82   | 256488   | 73.04  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 11.95 | 330  | 133952   | 122.97 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 10.14 | 172  | 505995   | 70.01  | ng    | -0.01       |
| 78) Terphenyl-d14           | 14.81 | 244  | 606763   | 69.67  | ng    | -0.02       |
| Target Compounds            |       |      |          |        |       |             |
| 49) Dimethylphthalate       | 10.65 | 163  | 18185    | 2.46   | ng    | Qvalue # 98 |
| 74) Fluoranthene            | 14.32 | 202  | 25898    | 2.36   | ng    | 92          |
| 77) Pyrene                  | 14.59 | 202  | 24124m   | 2.01   | ng    |             |

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

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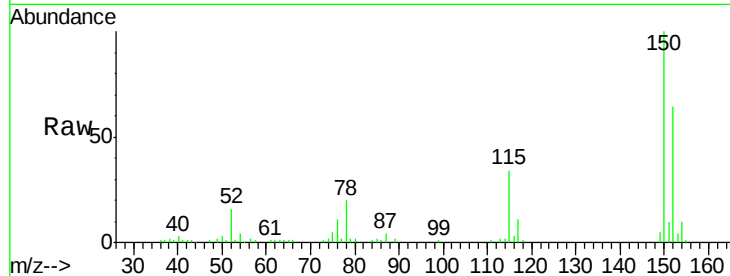


#1

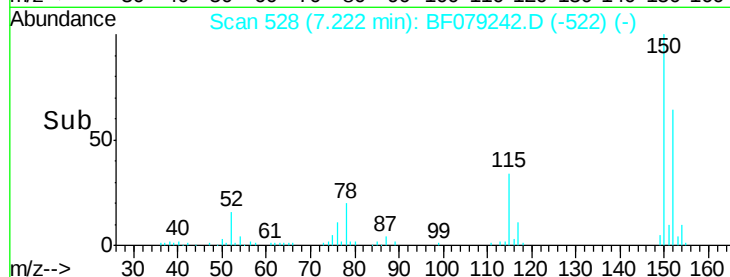
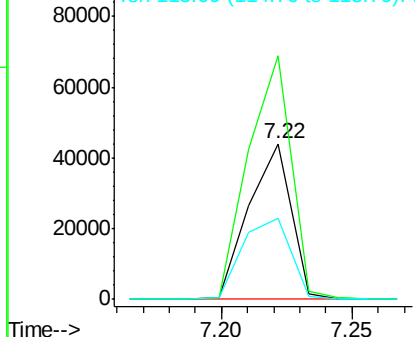
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.22 min Scan# 528  
Delta R.T. 0.00 min  
Lab File: BF079242.D  
Acq: 14 May 2015 19:56

Instrument :  
BNA\_F  
ClientSampleId :  
SB-16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 123.8 | 185.8 |
| 115     | 52.5  | 49.4  | 74.0  |



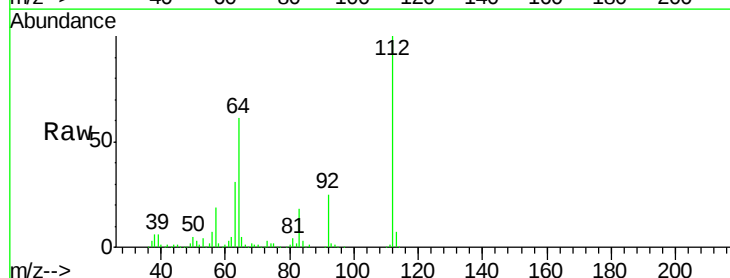
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



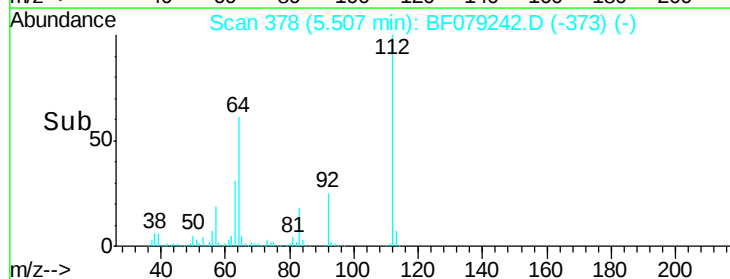
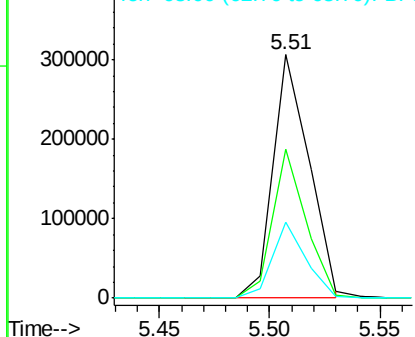
#5

2-Fluorophenol  
Concen: 119.69 ng m  
RT: 5.51 min Scan# 378  
Delta R.T. 0.00 min  
Lab File: BF079242.D  
Acq: 14 May 2015 19:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.3  | 44.2  | 66.2  |
| 63      | 31.3  | 22.7  | 34.1  |



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: 126.16 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA\_F

ClientSampleId :

SB-16

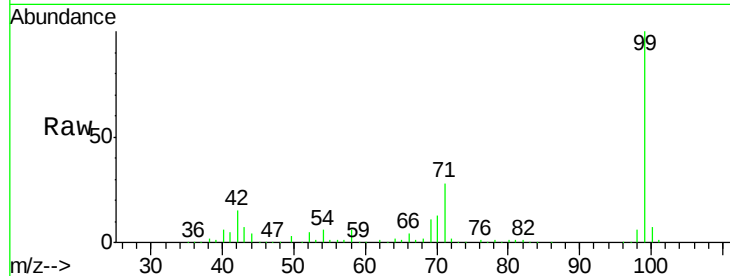
Tot Ion: 99 Resp: 480289

Ion Ratio Lower Upper

99 100

42 15.2 17.1 25.7#

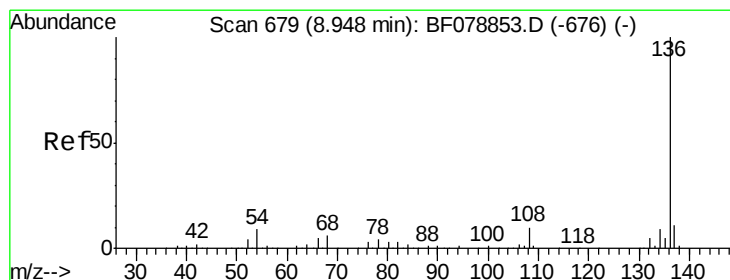
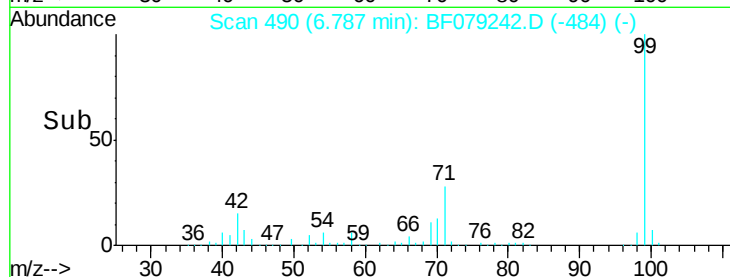
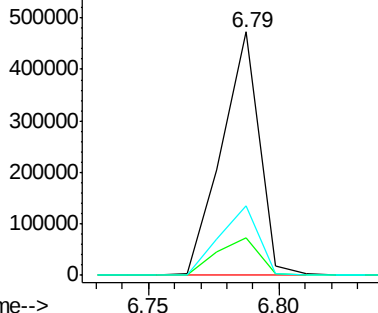
71 28.4 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Tgt Ion: 136 Resp: 201812

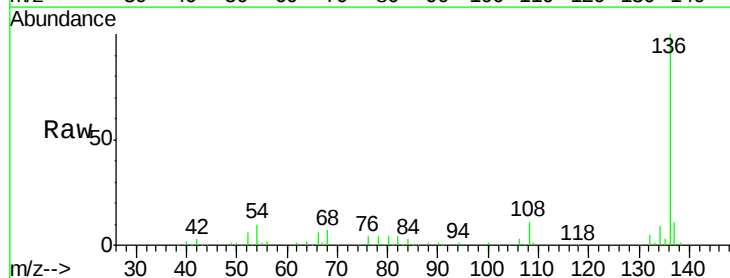
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 10.3 6.9 10.3

68 7.2 4.9 7.3

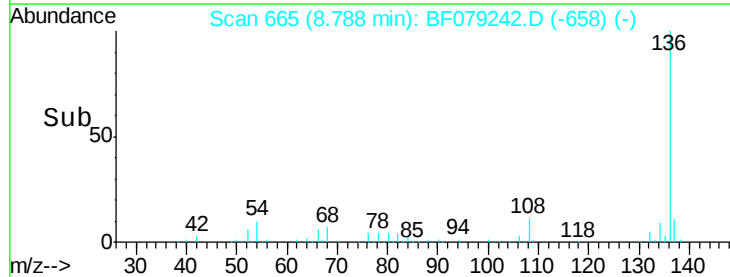
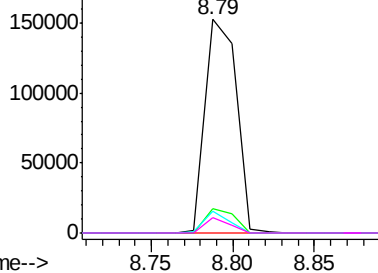


Abundance Ion 136.00 (135.70 to 136.70): E

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

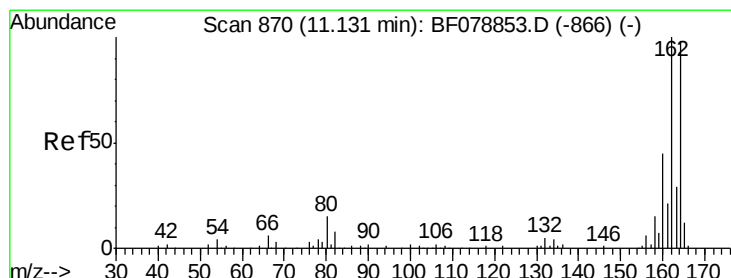
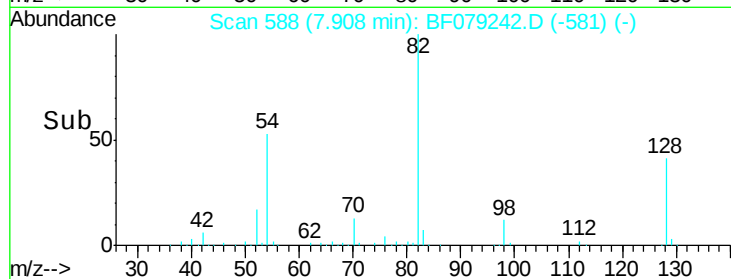
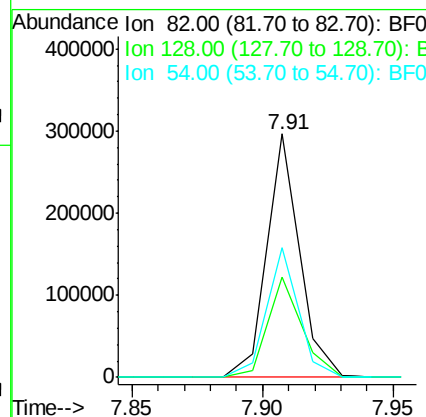
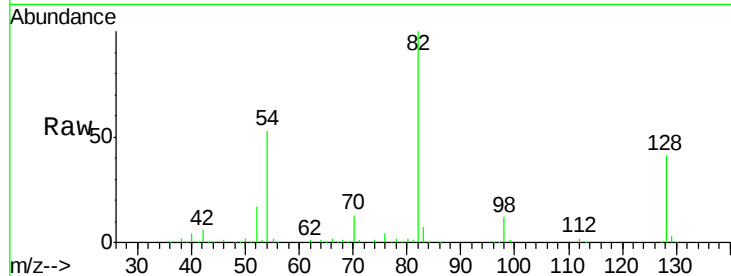




#23  
 Nitrobenzene-d5  
 Concen: 73.04 ng  
 RT: 7.91 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

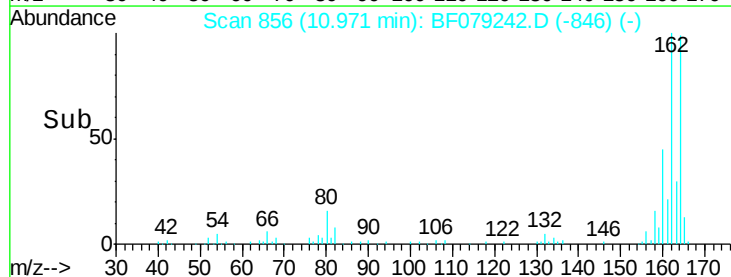
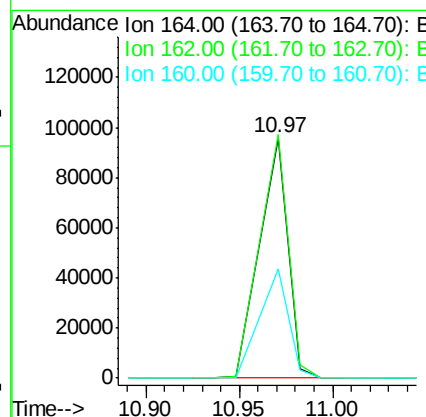
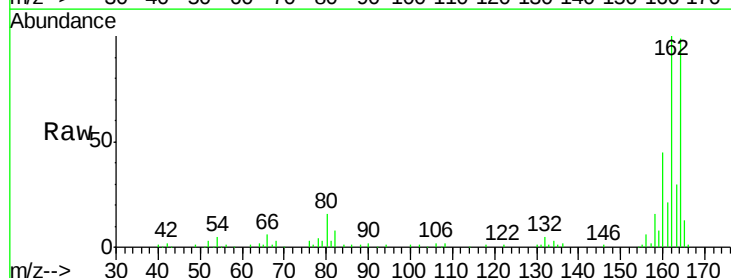
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16

| Tot Ion   | 82   | Resp  | 256488 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 41.0 | 29.7  | 44.5   |
| 54        | 53.4 | 46.2  | 69.4   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.97 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

| Tgt Ion   | 164   | Resp  | 100695 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 101.3 | 81.4  | 122.0  |
| 160       | 45.4  | 36.6  | 54.8   |

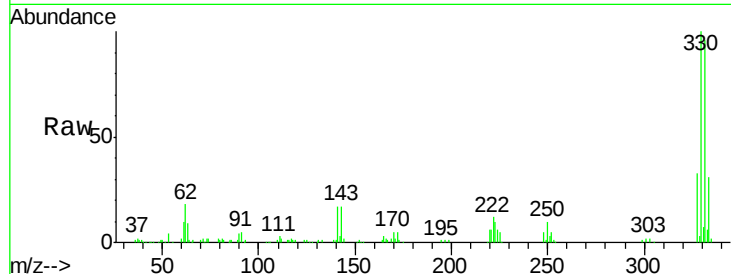




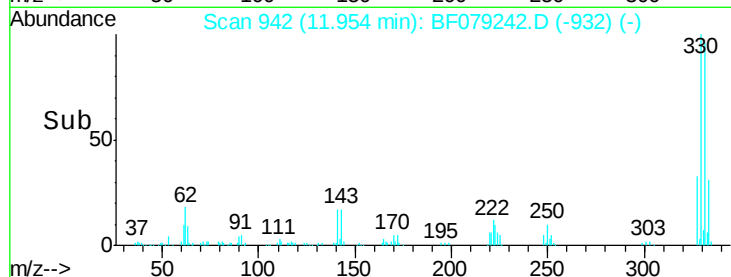
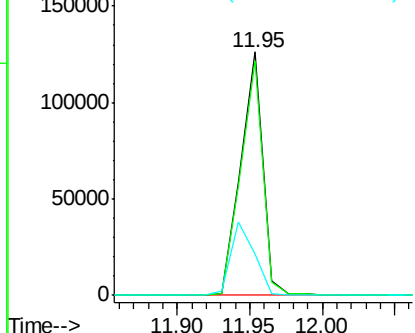
#41  
 2,4,6-Tribromophenol  
 Concen: 122.97 ng  
 RT: 11.95 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-16

Tot Ion:330 Resp: 133952  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 76.9 115.3  
 141 32.4 27.8 41.8

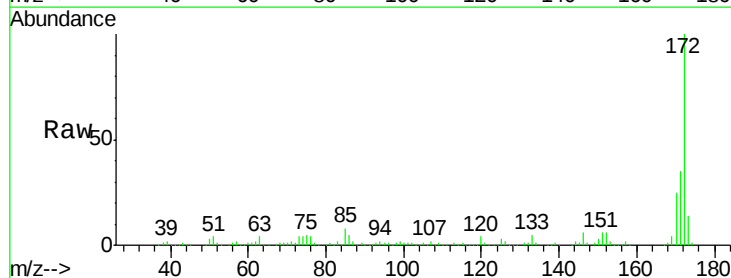


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

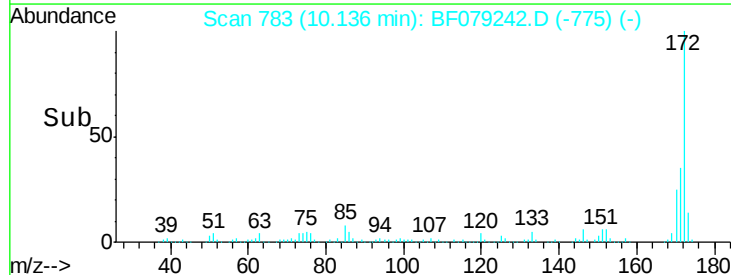
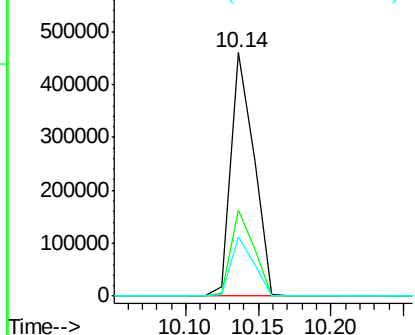


#44  
 2-Fluorobiphenyl  
 Concen: 70.01 ng  
 RT: 10.14 min Scan# 783  
 Delta R.T. -0.01 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

Tgt Ion:172 Resp: 505995  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.3 42.5  
 170 24.6 19.4 29.2



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

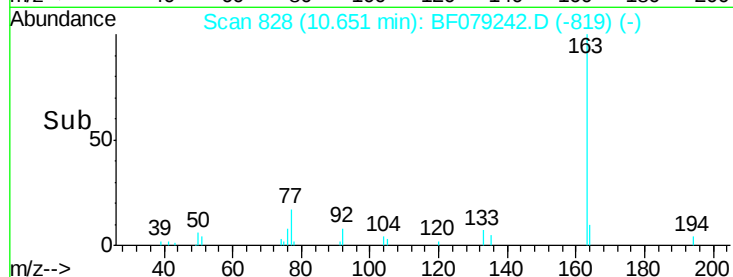
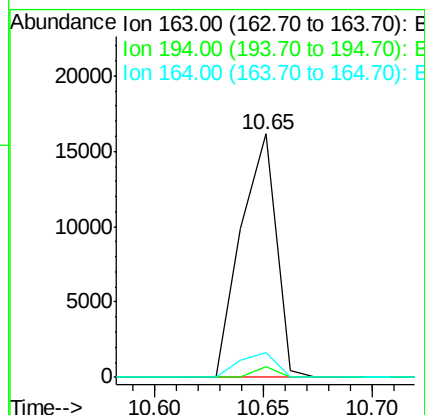
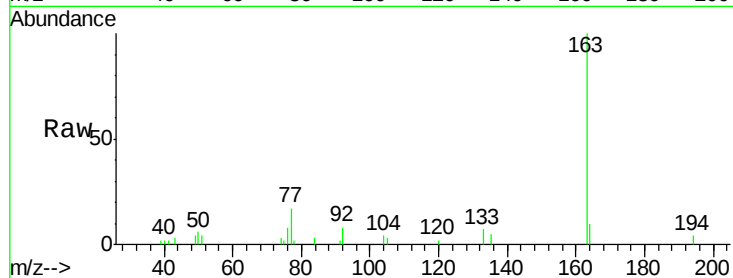




#49  
Dimethylphthalate  
Concen: 2.46 ng  
RT: 10.65 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF079242.D  
Acq: 14 May 2015 19:56

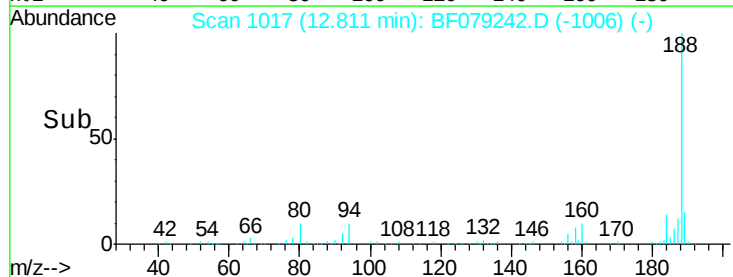
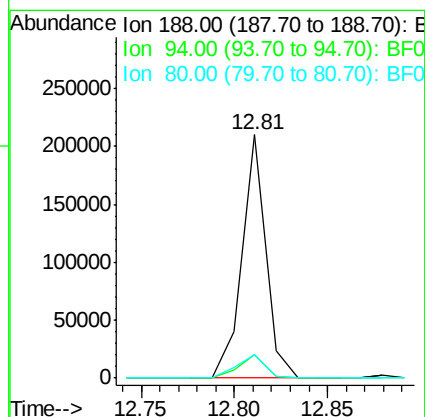
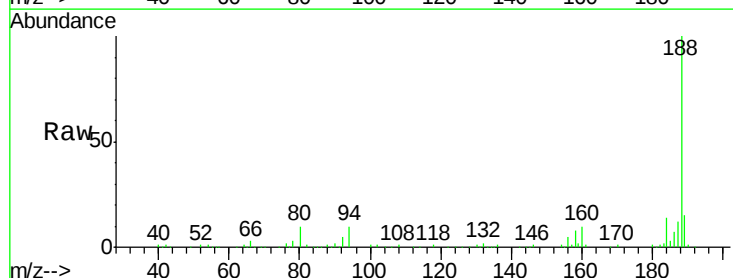
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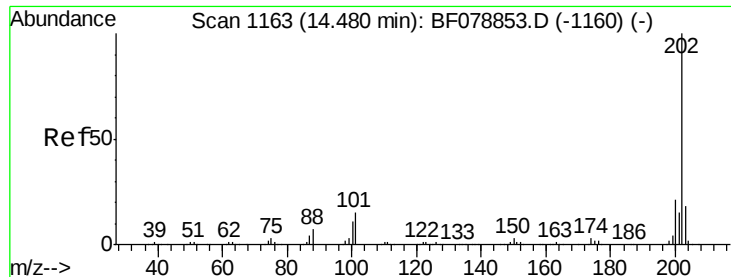
Tot Ion:163 Resp: 18185  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.4 3.6#  
164 10.4 8.6 12.8



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.81 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BF079242.D  
Acq: 14 May 2015 19:56

Tgt Ion:188 Resp: 188205  
Ion Ratio Lower Upper  
188 100  
94 9.8 9.4 14.0  
80 9.5 9.8 14.6#

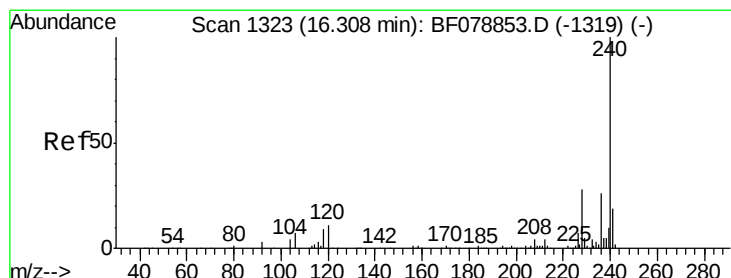
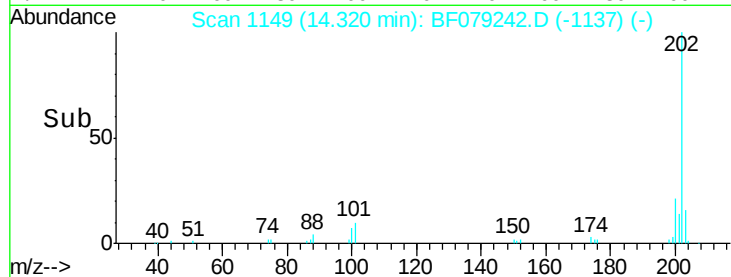
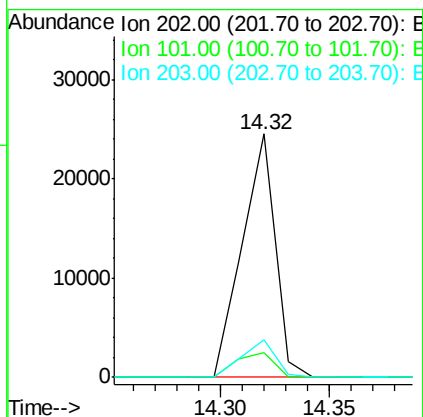
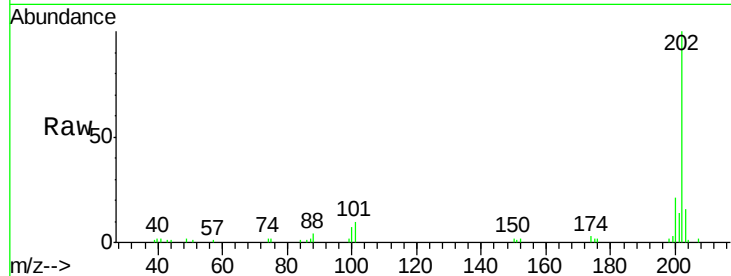




#74  
 Fluoranthene  
 Concen: 2.36 ng  
 RT: 14.32 min Scan# 1149  
 Delta R.T. -0.01 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

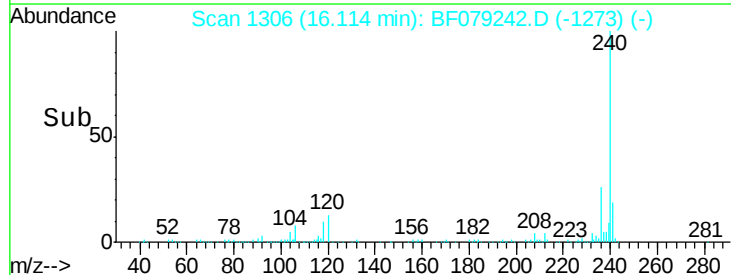
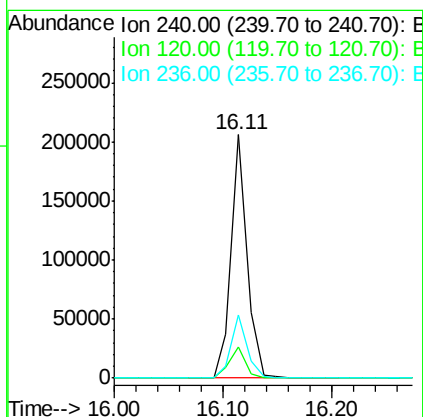
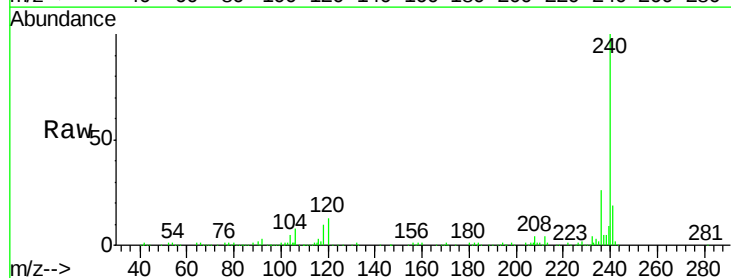
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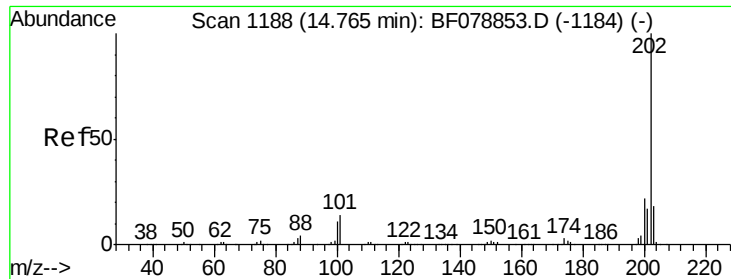
Tot Ion:202 Resp: 25898  
 Ion Ratio Lower Upper  
 202 100  
 101 10.2 0.0 34.7  
 203 15.6 0.0 37.9



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 16.11 min Scan# 1306  
 Delta R.T. -0.13 min  
 Lab File: BF079242.D  
 Acq: 14 May 2015 19:56

Tgt Ion:240 Resp: 208515  
 Ion Ratio Lower Upper  
 240 100  
 120 12.7 8.6 12.8  
 236 25.9 21.0 31.6





#77

Pvrene

Concen: 2.01 ng/mL

RT: 14.59 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA\_F

ClientSampleId :

SB-16

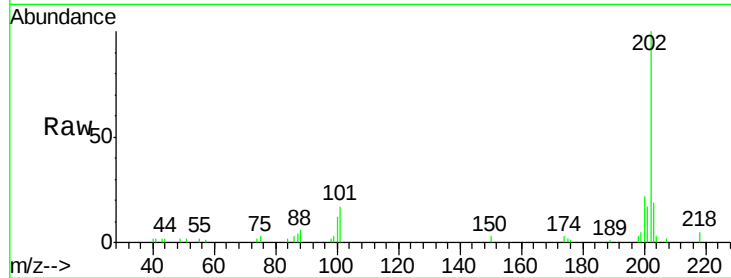
Tot Ion: 202 Resp: 24124

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

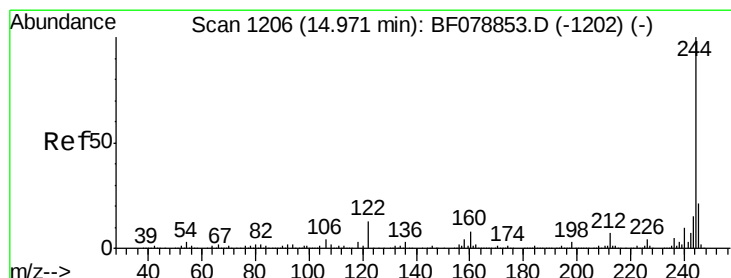
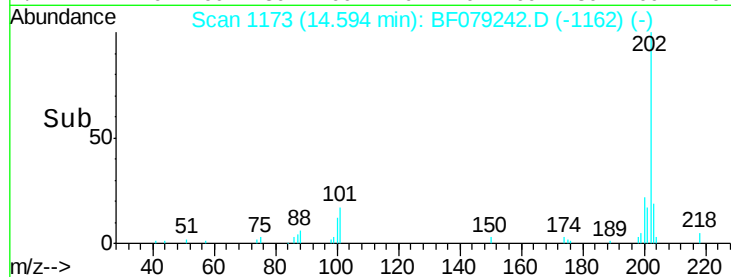
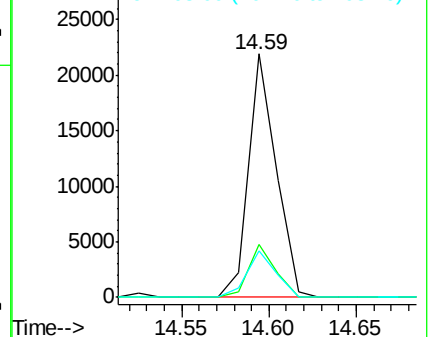
203 19.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.67 ng/mL

RT: 14.81 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

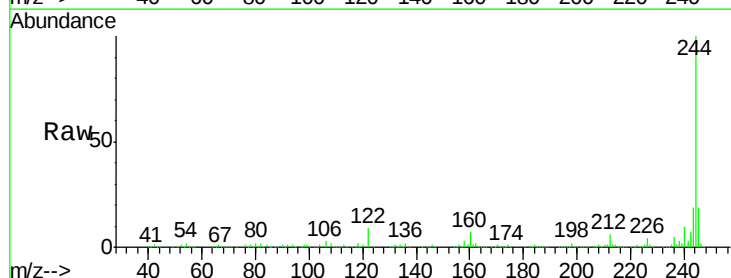
Tgt Ion: 244 Resp: 606763

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

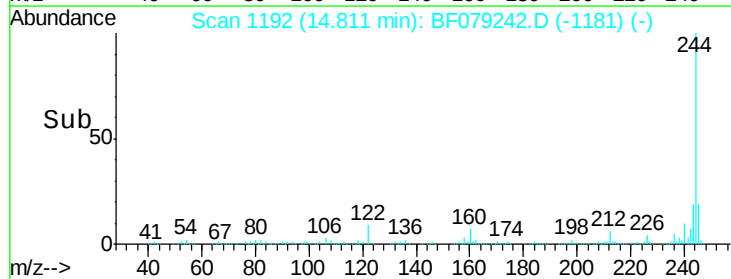
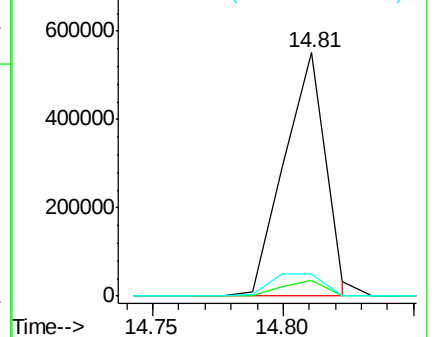
122 9.3 10.5 15.7#

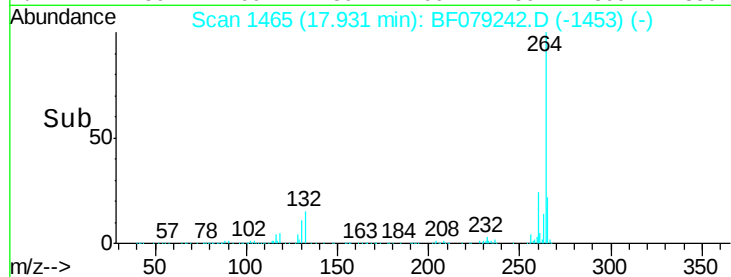
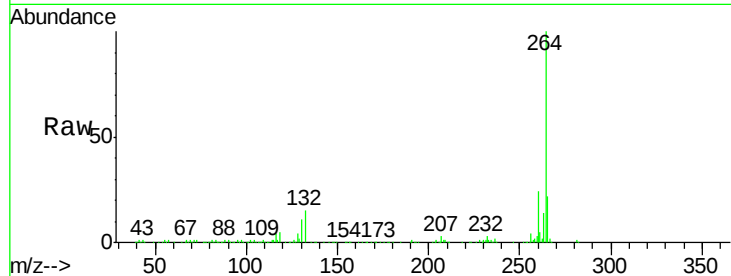
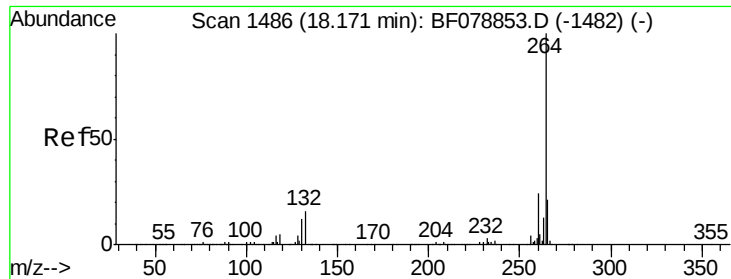


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.93 min Scan# 1465

Delta R.T. -0.37 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA\_F

ClientSampleId :

SB-16

Tot Ion: 264 Resp: 232884

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.2 25.8

