

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\  
 Data File : BF078742.D  
 Acq On : 23 Apr 2015 7:10  
 Operator : TP/IZ  
 Sample : G1938-16  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-79D

Manual Integrations  
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 4/23/2015 2:15:42 PM

Quant Time: Apr 23 07:58:03 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 07:27:59 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 5.78  | 152  | 23728    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.94  | 136  | 101697   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 11.13 | 164  | 52194    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 13.86 | 188  | 111045   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 17.74 | 240  | 119935   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 19.46 | 264  | 125517   | 20.00  | ng    | 0.05     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 3.80  | 112  | 222934   | 154.91 | ng    | 0.01     |
| 7) Phenol-d6                   | 5.29  | 99   | 290958   | 161.32 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 6.73  | 82   | 176929   | 105.45 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 12.60 | 330  | 82001    | 189.43 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.96  | 172  | 336781   | 92.23  | ng    | 0.00     |
| 78) Terphenyl-d14              | 16.40 | 244  | 391388   | 73.74  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 10.76 | 163  | 19772    | 5.04   | ng    | 96       |
| 51) Acenaphthene               | 11.19 | 154  | 24028    | 7.87   | ng    | 98       |
| 54) Dibenzofuran               | 11.52 | 168  | 18437    | 3.95   | ng    | 96       |
| 57) Fluorene                   | 12.15 | 166  | 25984    | 6.87   | ng    | 100      |
| 70) Phenanthrene               | 13.91 | 178  | 333965   | 51.99  | ng    | 100      |
| 71) Anthracene                 | 14.00 | 178  | 93121    | 14.71  | ng    | 99       |
| 72) Carbazole                  | 14.33 | 167  | 33031    | 5.57   | ng    | 97       |
| 74) Fluoranthene               | 15.81 | 202  | 320262   | 47.28  | ng    | 93       |
| 77) Pyrene                     | 16.11 | 202  | 286189   | 38.01  | ng    | # 93     |
| 80) Benzo(a)anthracene         | 17.73 | 228  | 148500   | 20.81  | ng    | 98       |
| 82) Chrysene                   | 17.77 | 228  | 110649   | 16.50  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 17.86 | 149  | 25891    | 5.75   | ng    | # 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 20.64 | 276  | 52347m   | 6.88   | ng    |          |
| 87) Benzo(b)fluoranthene       | 19.03 | 252  | 138106m  | 17.80  | ng    |          |
| 88) Benzo(k)fluoranthene       | 19.06 | 252  | 31406m   | 4.56   | ng    |          |
| 89) Benzo(a)pyrene             | 19.39 | 252  | 96034    | 14.19  | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 20.66 | 278  | 15135m   | 2.23   | ng    |          |
| 91) Benzo(g,h,i)perylene       | 20.96 | 276  | 52357m   | 7.70   | ng    |          |

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

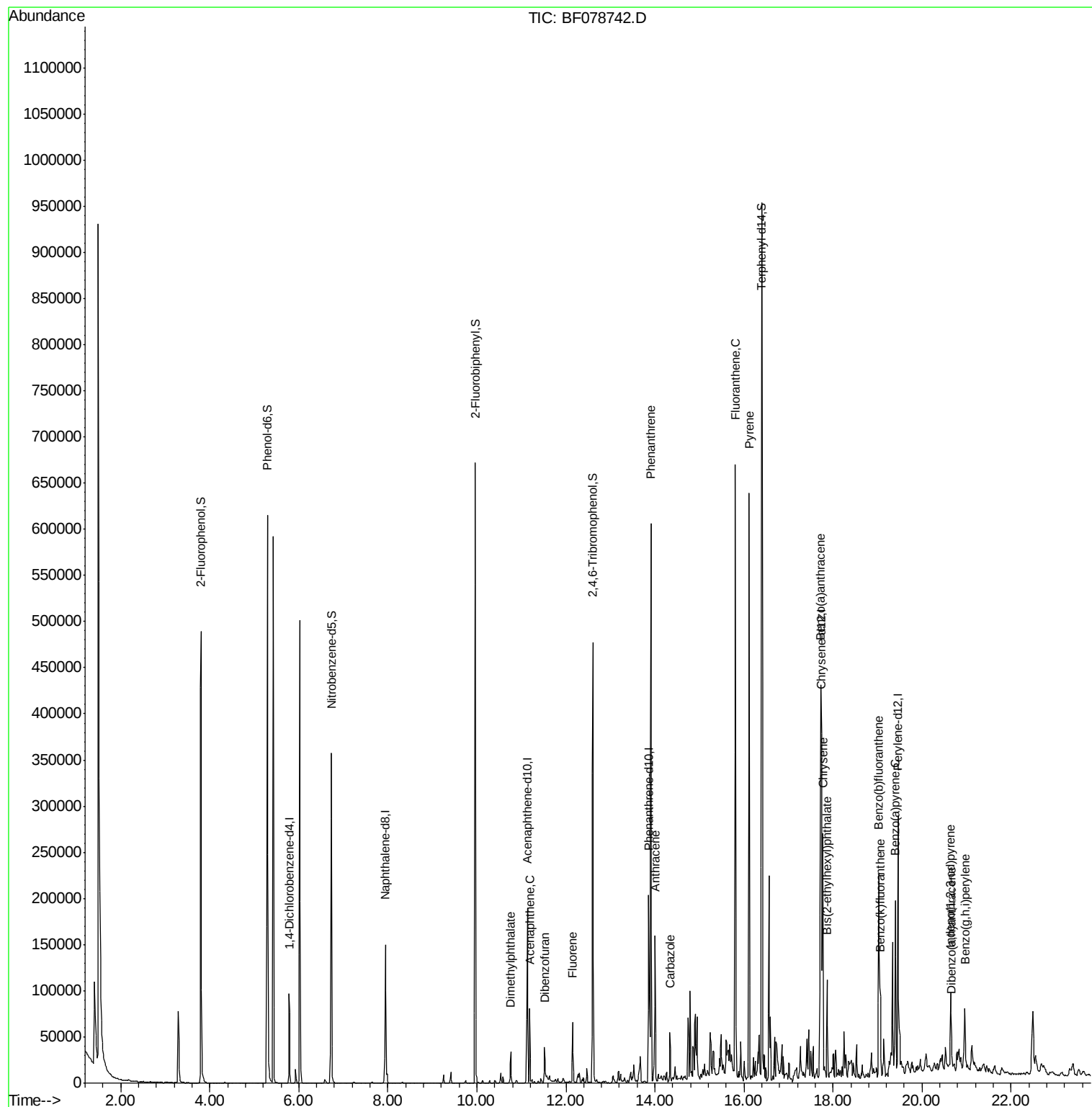
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\  
Data File : BF078742.D  
Acq On : 23 Apr 2015 7:10  
Operator : TP/IZ  
Sample : G1938-16  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

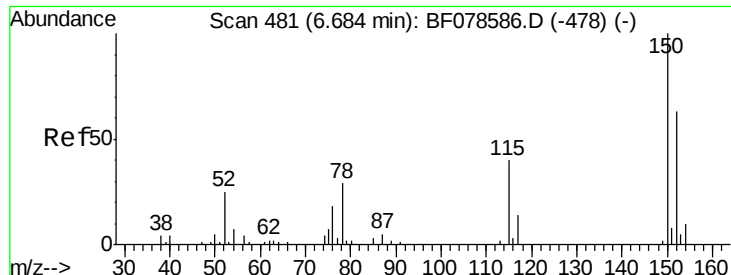
Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

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4/23/2015 2:15:42 PM

Quant Time: Apr 23 07:58:03 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 23 07:27:59 2015  
Response via : Initial Calibration





#1

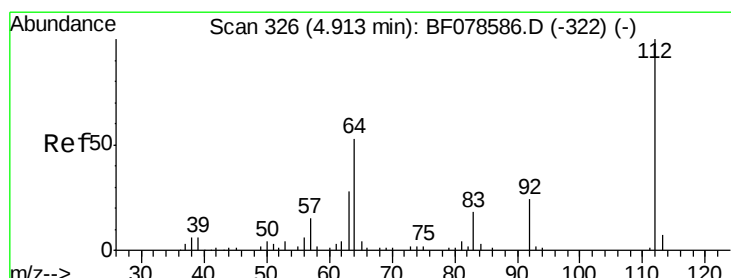
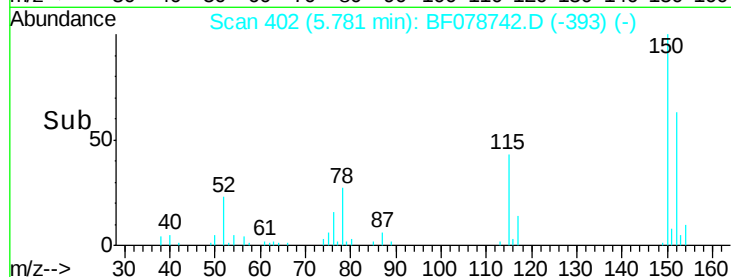
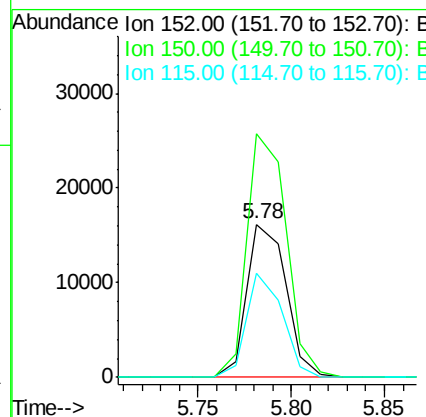
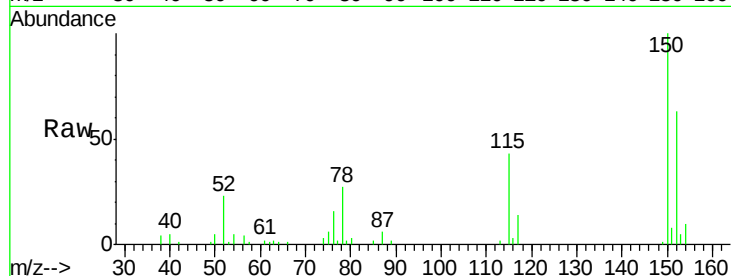
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.78 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.2 | 125.9 | 188.9 |
| 115     | 67.8  | 52.7  | 79.1  |

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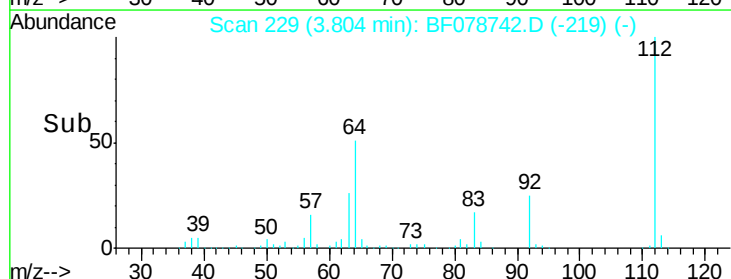
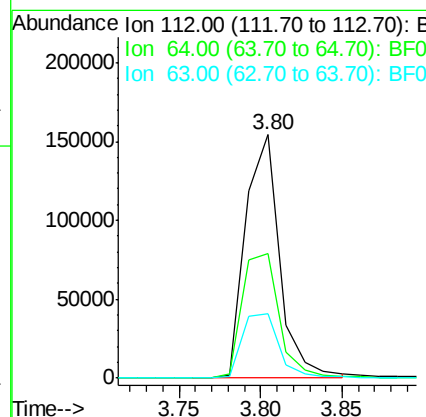
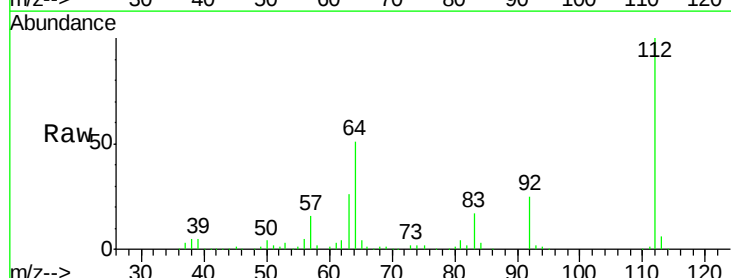
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#5

2-Fluorophenol  
Concen: 154.91 ng  
RT: 3.80 min Scan# 229  
Delta R.T. 0.01 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 51.3  | 39.9  | 59.9  |
| 63      | 26.4  | 20.2  | 30.4  |





#7

Phenol-d6

Concen: 161.32 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA\_F

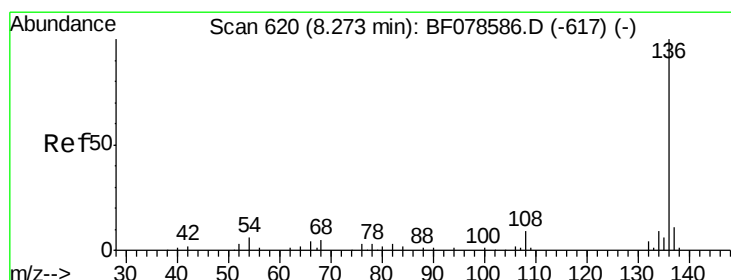
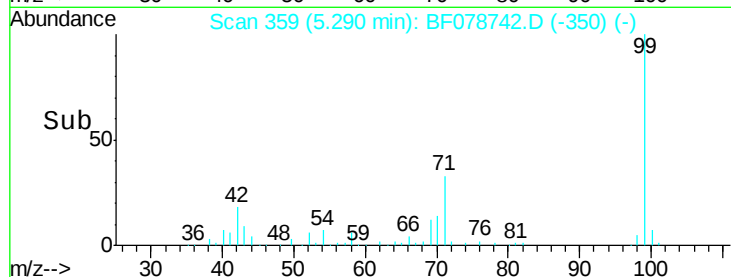
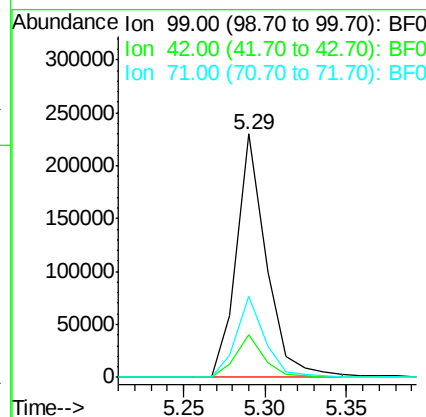
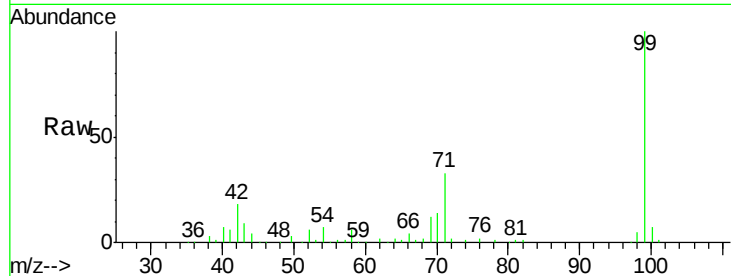
ClientSampleId :

SB-79D

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 290958 |       |       |
| 42      | 17.6 | 14.8  | 22.2   |       |       |
| 71      | 33.5 | 26.6  | 39.8   |       |       |

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#21

Naphthalene-d8

Concen: 20.00 ng

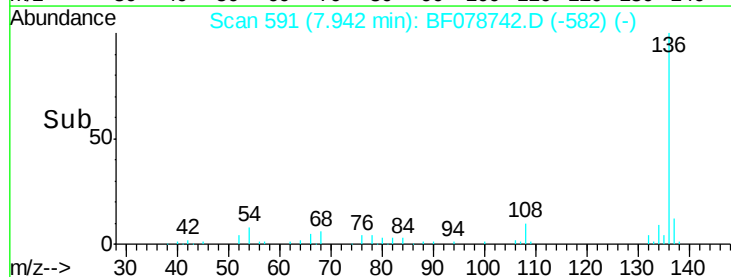
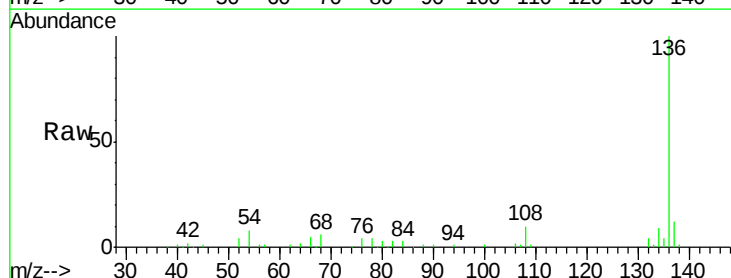
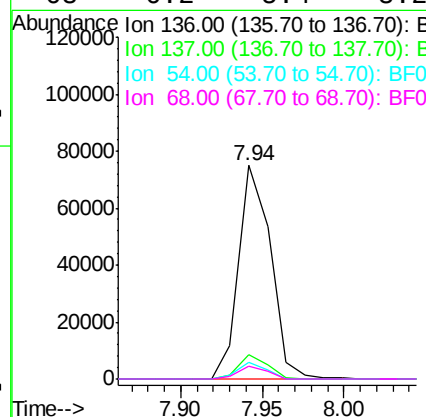
RT: 7.94 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 101697 |       |       |
| 137     | 11.5 | 9.0   | 13.4   |       |       |
| 54      | 7.7  | 7.0   | 10.6   |       |       |
| 68      | 6.2  | 5.4   | 8.2    |       |       |





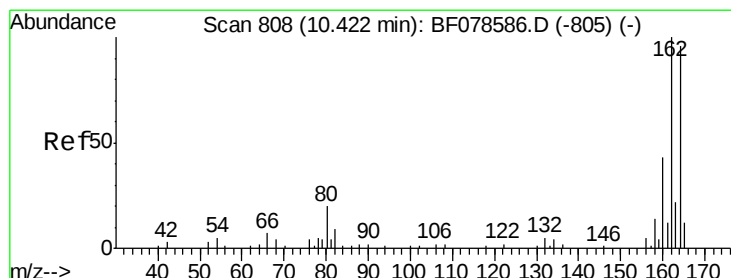
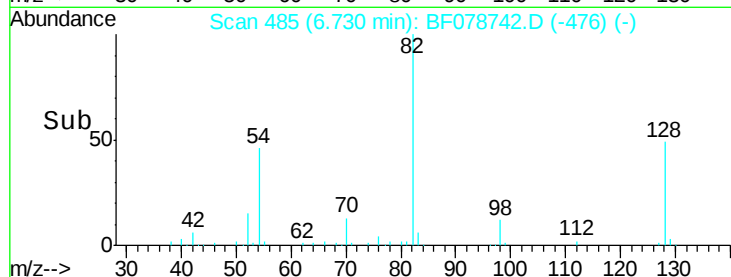
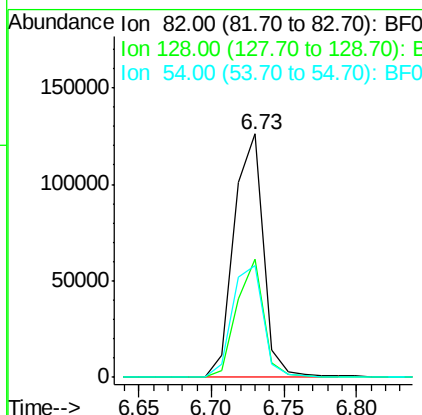
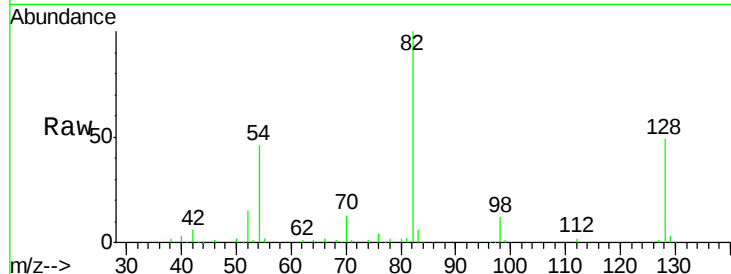
#23  
 Nitrobenzene-d5  
 Concen: 105.45 ng  
 RT: 6.73 min Scan# 485  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.7  | 31.8  | 47.8# |
| 54      | 45.8  | 41.5  | 62.3  |

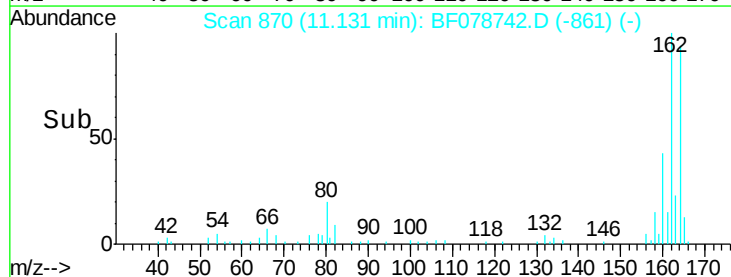
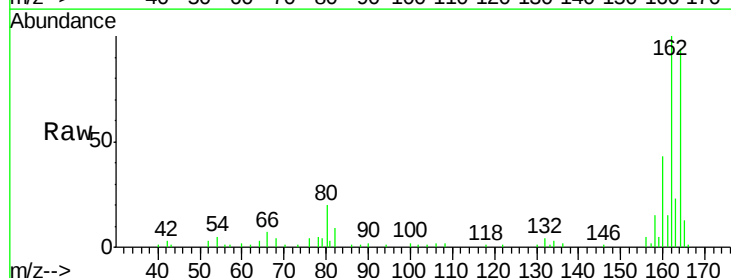
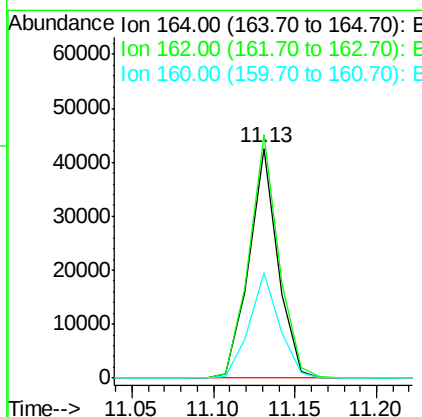
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.13 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.0 | 82.2  | 123.2 |
| 160     | 45.8  | 34.7  | 52.1  |





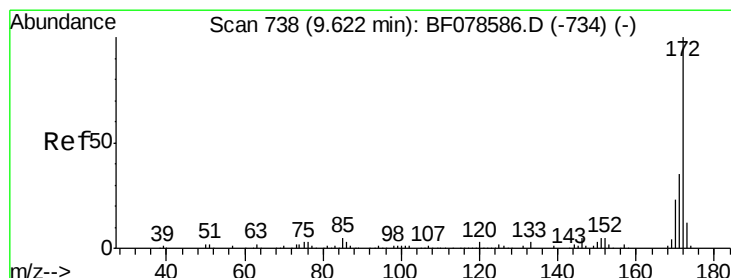
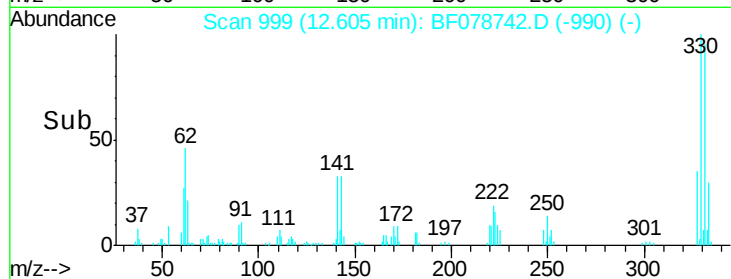
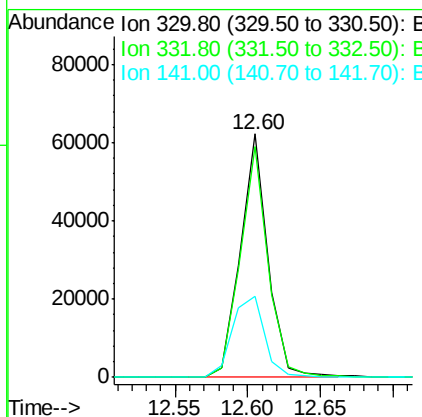
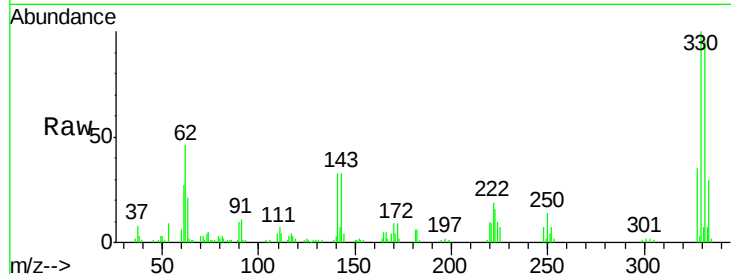
#41  
 2,4,6-Tribromophenol  
 Concen: 189.43 ng  
 RT: 12.60 min Scan# 999  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-79D

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 82001 |       |       |
| 332     | 96.0  |       | 78.6  | 117.8 |
| 141     | 39.0  |       | 31.2  | 46.8  |

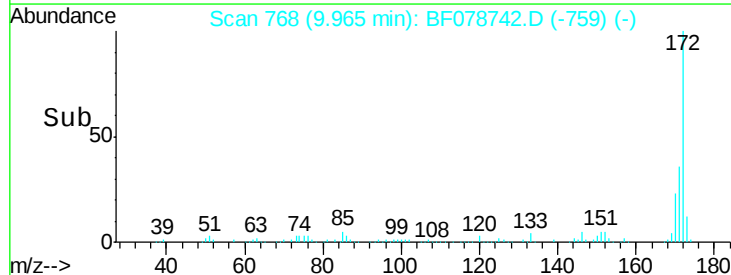
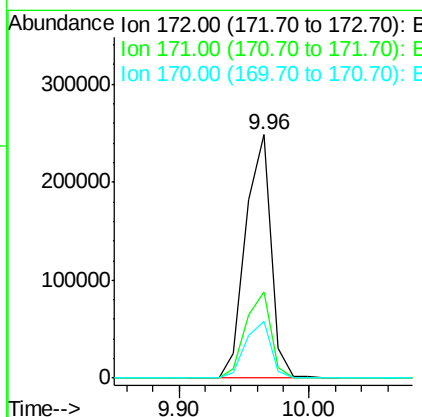
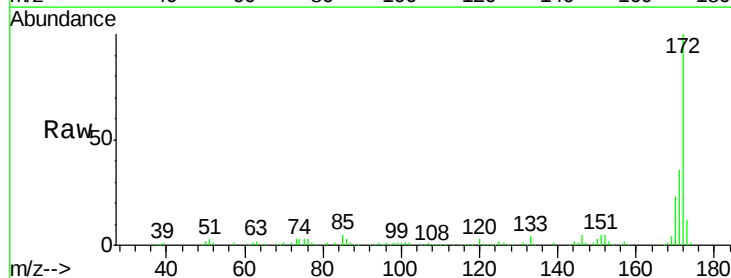
Manual Integrations  
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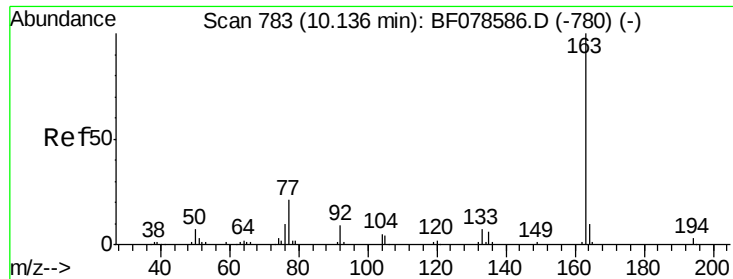
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#44  
 2-Fluorobiphenyl  
 Concen: 92.23 ng  
 RT: 9.96 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 336781 |       |       |
| 171     | 35.5  |        | 28.6  | 42.8  |
| 170     | 23.2  |        | 18.5  | 27.7  |





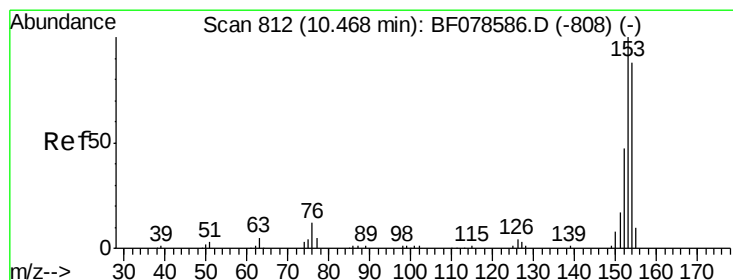
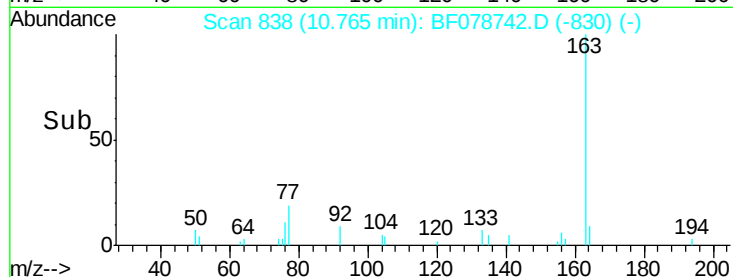
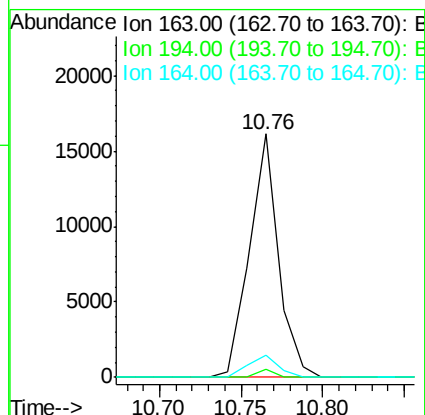
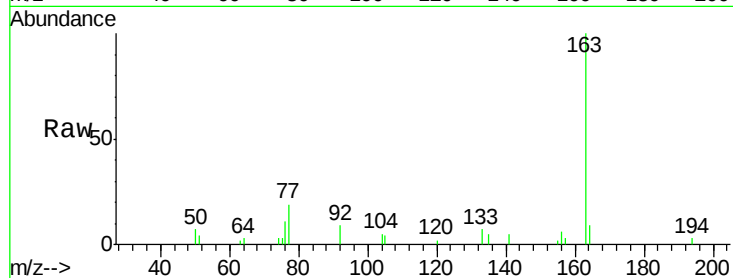
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Dimethylphthalate  
Concen: 5.04 ng  
RT: 10.76 min Scan# 838  
Delta R.T. -0.01 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.1   | 2.3        | 3.5   |
| 164     | 9.1   | 8.6        | 13.0  |

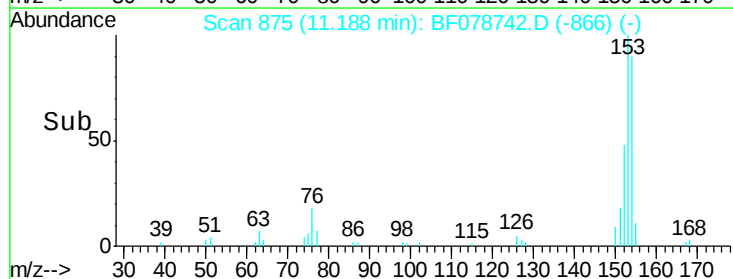
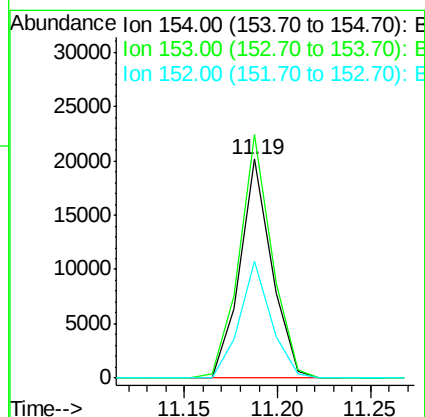
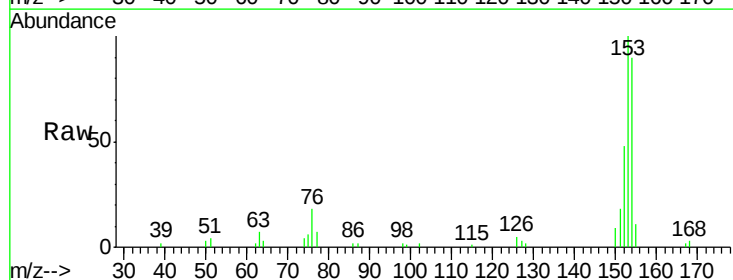
Manual Integrations  
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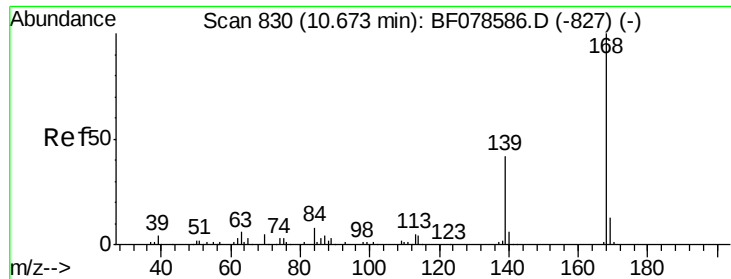
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#51  
Acenaphthene  
Concen: 7.87 ng  
RT: 11.19 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 111.1 | 91.4       | 137.2 |
| 152     | 53.4  | 43.0       | 64.6  |





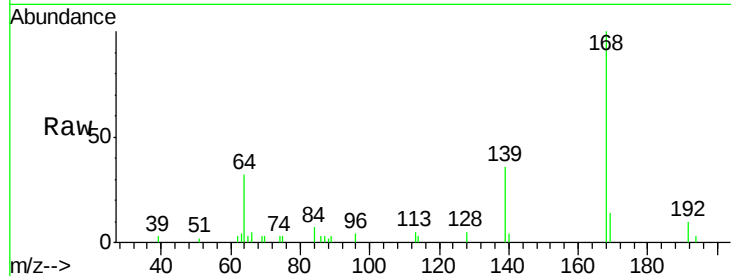
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Dibenzenofuran  
Concen: 3.95 ng  
RT: 11.52 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

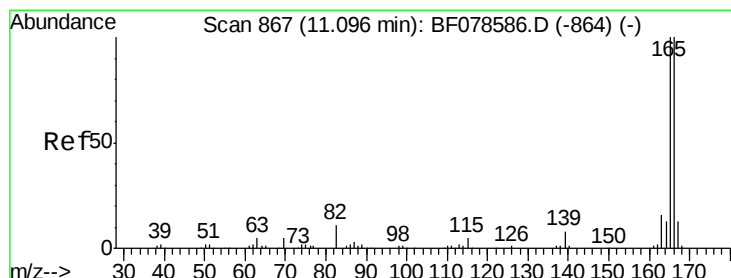
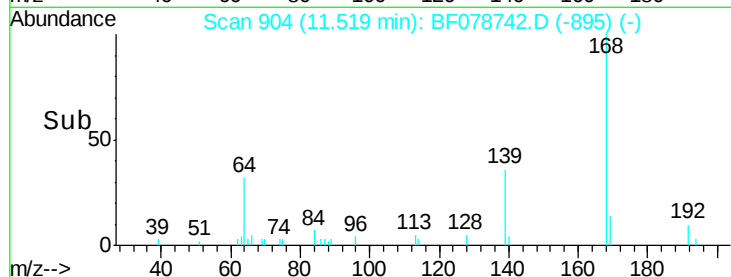
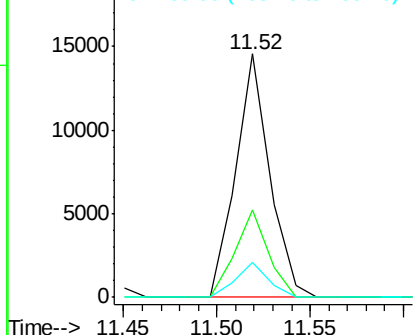
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 31.0  | 46.4  |
| 169     | 14.2  | 10.7  | 16.1  |

Manual Integrations  
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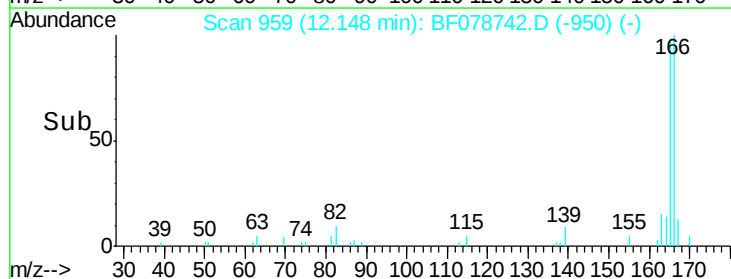
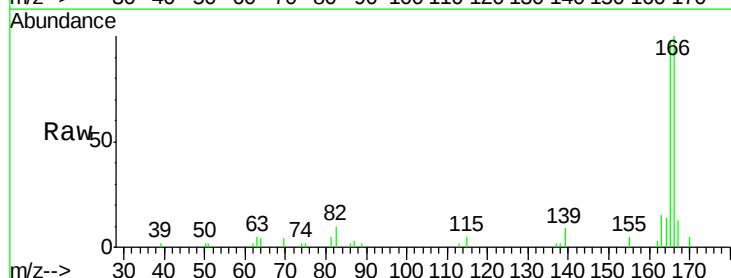
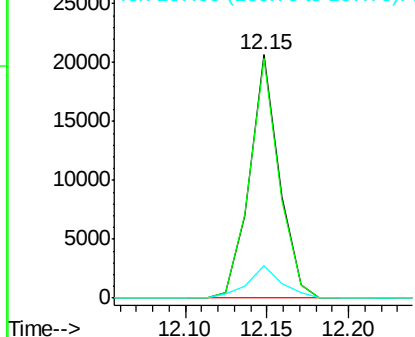
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Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

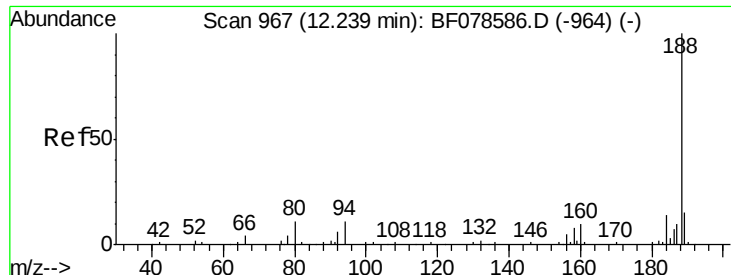


#57  
Fluorene  
Concen: 6.87 ng  
RT: 12.15 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.5  | 78.9  | 118.3 |
| 167     | 13.4  | 10.7  | 16.1  |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





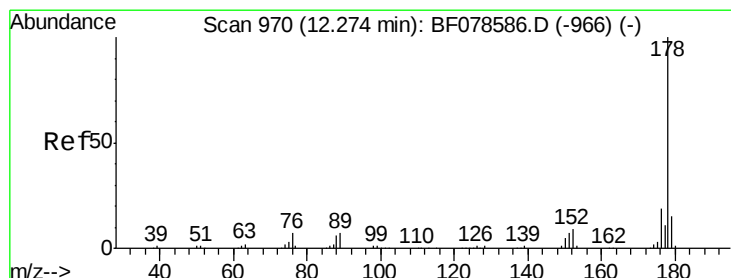
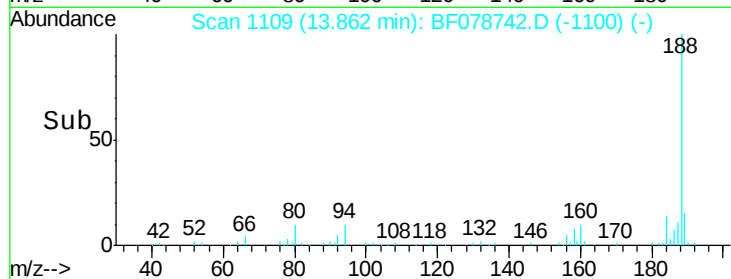
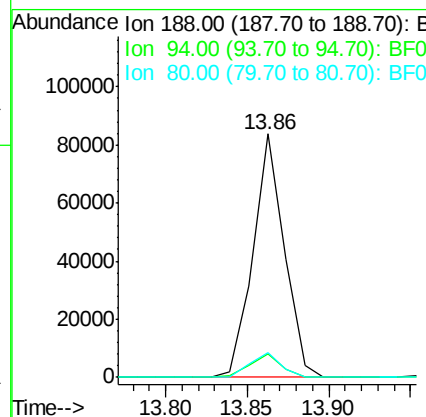
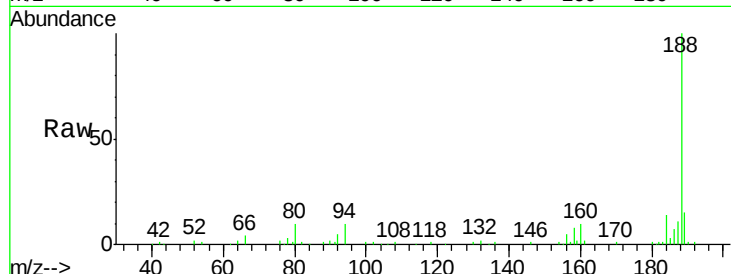
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 13.86 min Scan# 1109  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-79D

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 9.9   | 9.0        | 13.4  |
| 80      | 10.3  | 9.5        | 14.3  |

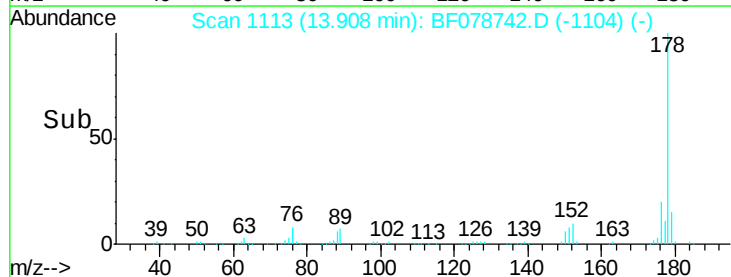
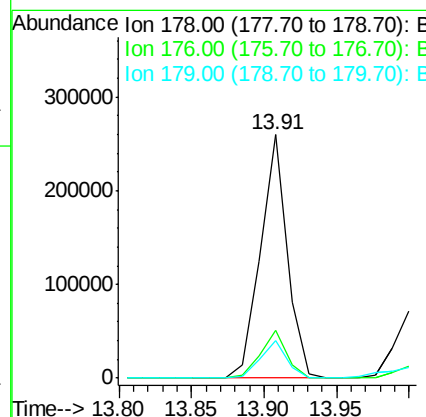
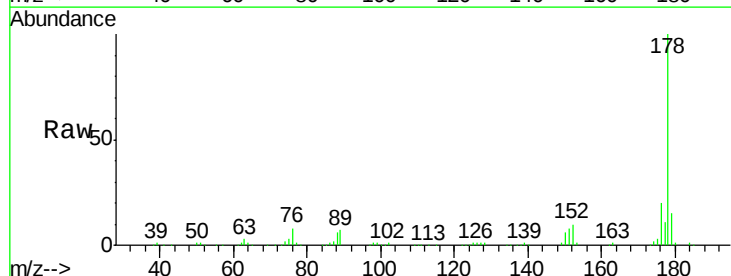
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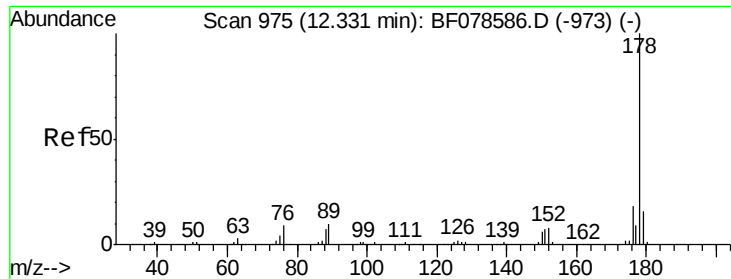
apatel  
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#70  
 Phenanthrene  
 Concen: 51.99 ng  
 RT: 13.91 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 178     | 100   |            |       |
| 176     | 19.6  | 15.4       | 23.0  |
| 179     | 15.2  | 12.2       | 18.2  |





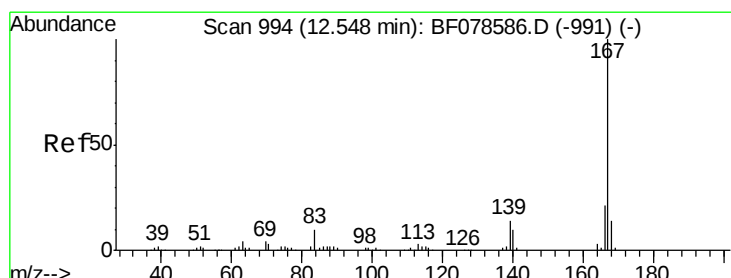
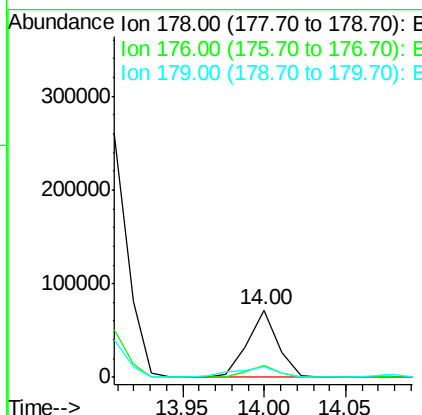
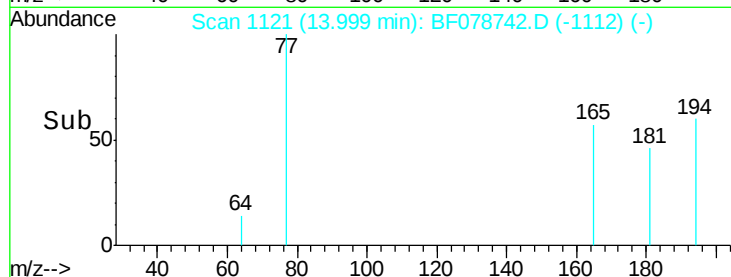
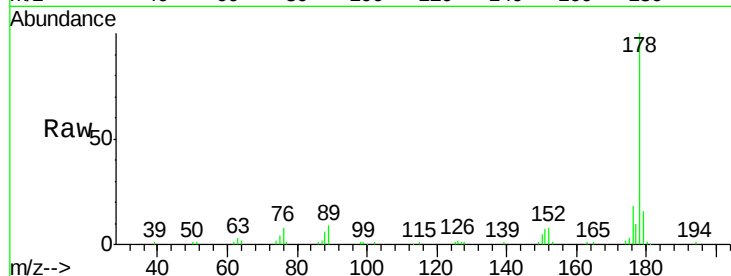
#71  
 Anthracene  
 Concen: 14.71 ng  
 RT: 14.00 min Scan# 1121  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.8  | 22.2  |
| 179     | 16.0  | 12.4  | 18.6  |

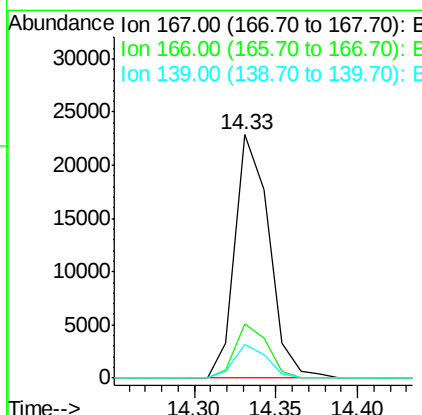
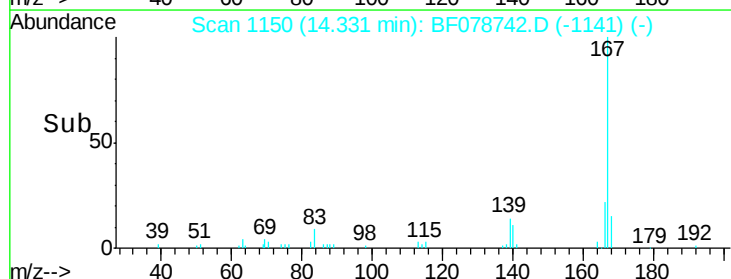
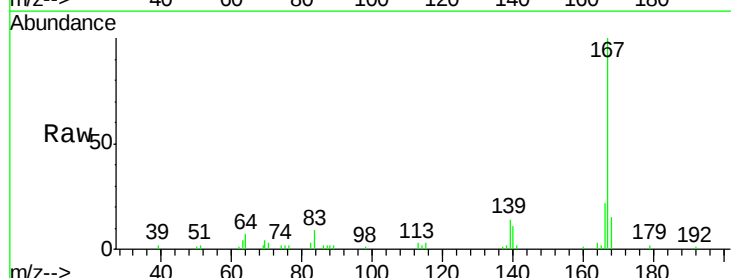
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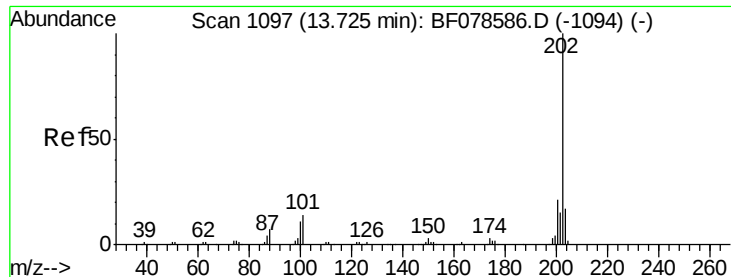
apatel  
 4/23/2015 2:15:42 PM



#72  
 Carbazole  
 Concen: 5.57 ng  
 RT: 14.33 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BF078742.D  
 Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 16.8  | 25.2  |
| 139     | 13.8  | 10.0  | 15.0  |





#74

Fluoranthene

Concen: 47.28 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA\_F

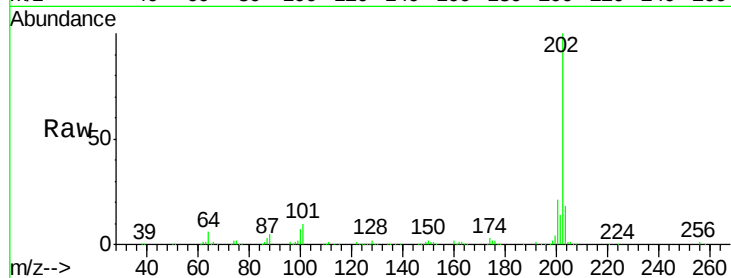
ClientSampled :

SB-79D

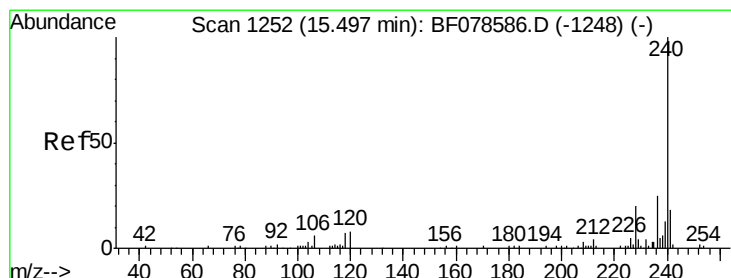
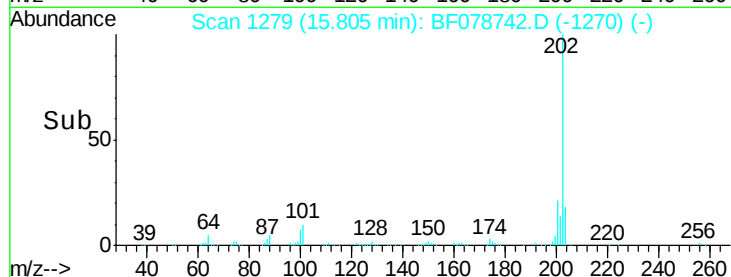
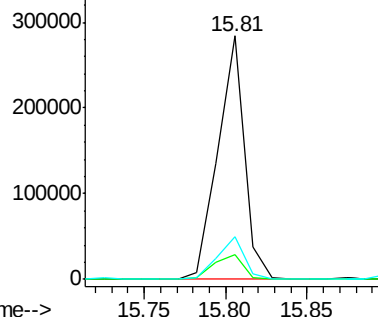
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.2  | 0.0        | 35.2  |
| 203     | 17.6  | 0.0        | 38.5  |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

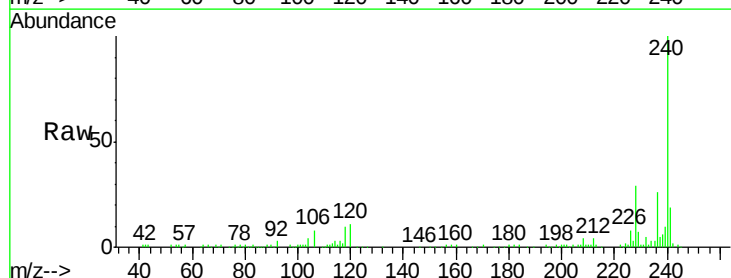
RT: 17.74 min Scan# 1448

Delta R.T. -0.00 min

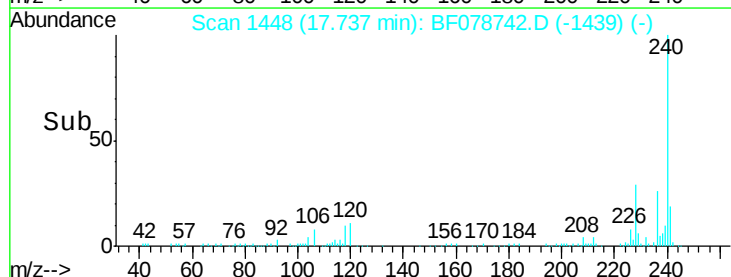
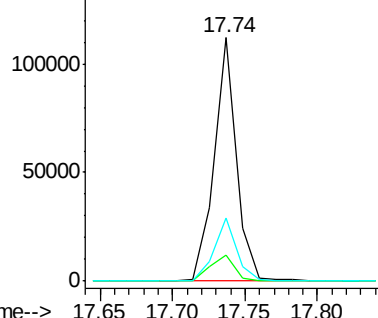
Lab File: BF078742.D

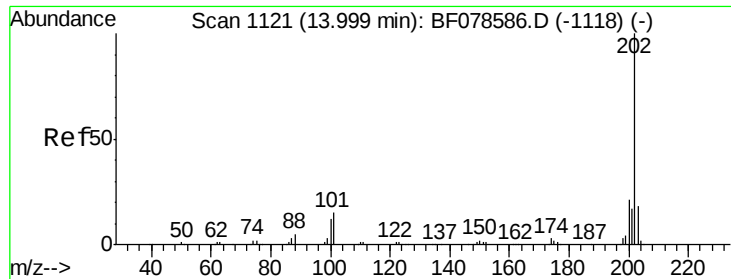
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.9  | 7.1        | 10.7# |
| 236     | 26.1  | 21.4       | 32.2  |



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





#77

Pvrene

Concen: 38.01 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA\_F

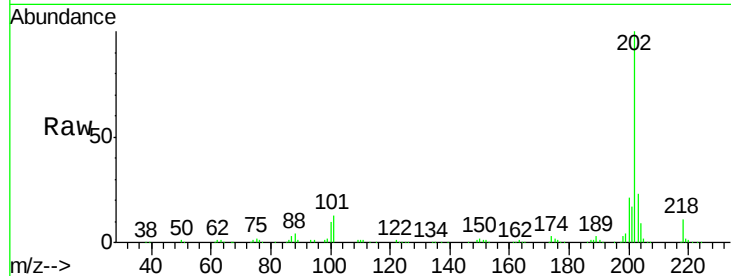
ClientSampleId :

SB-79D

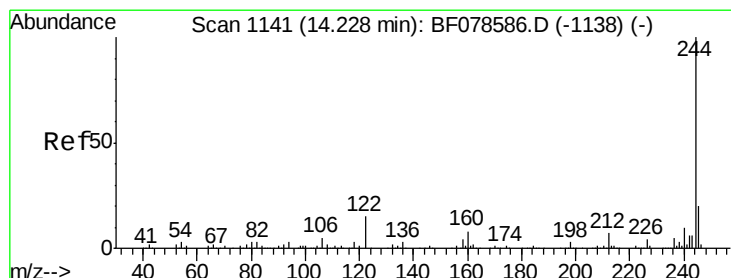
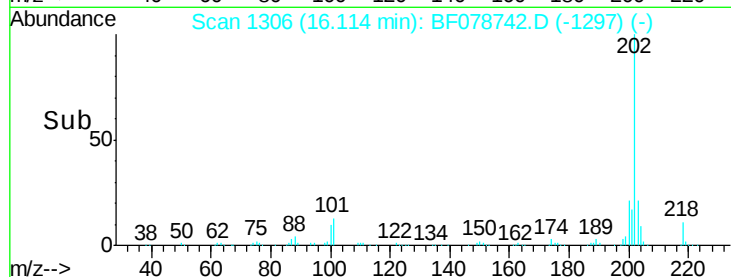
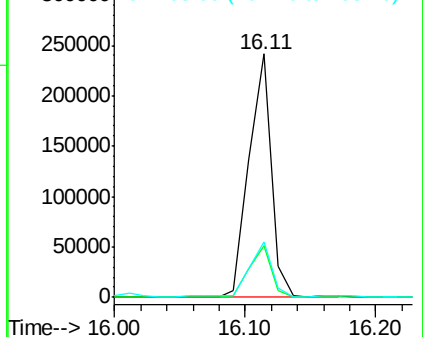
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 286189 |       |       |
| 200     | 21.3 | 16.3  | 24.5   |       |       |
| 203     | 22.8 | 13.8  | 20.6   |       |       |

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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: 73.74 ng

RT: 16.40 min Scan# 1331

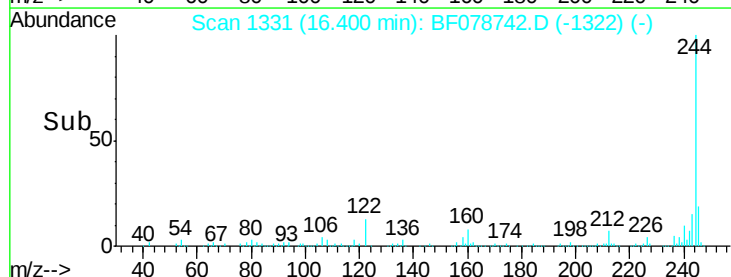
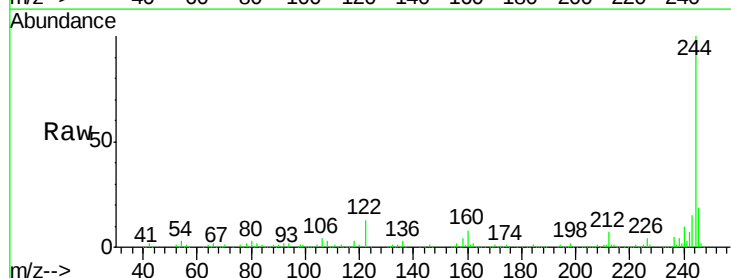
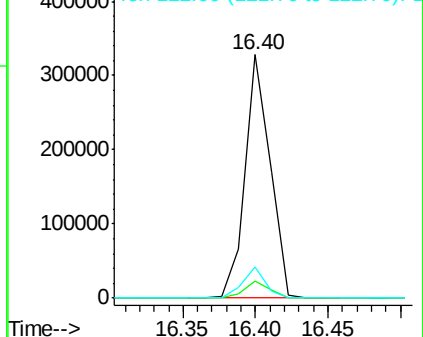
Delta R.T. -0.00 min

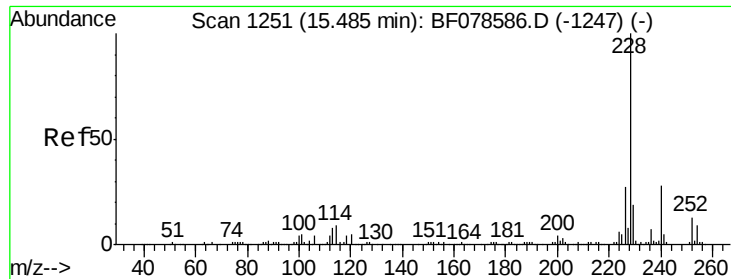
Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 244     | 100  |       | 391388 |       |       |
| 212     | 7.0  | 5.0   | 7.4    |       |       |
| 122     | 12.6 | 7.1   | 10.7   |       |       |

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





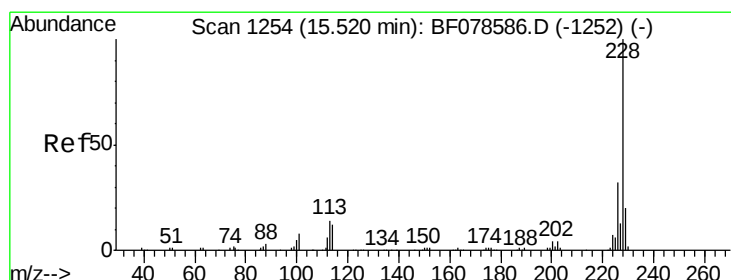
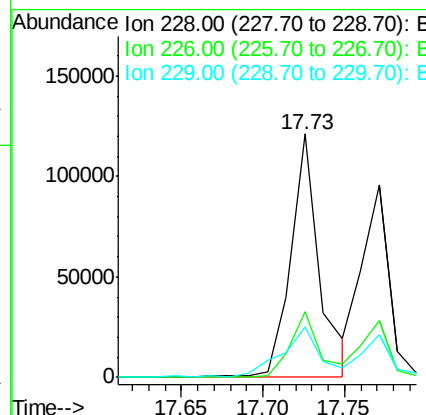
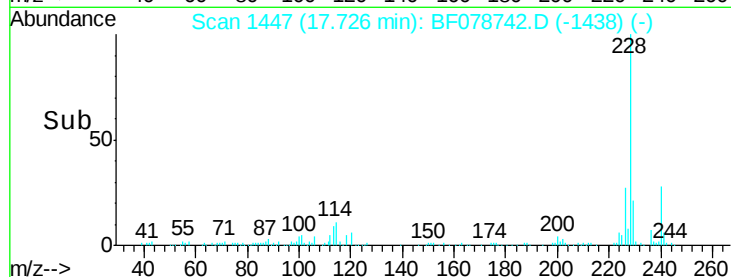
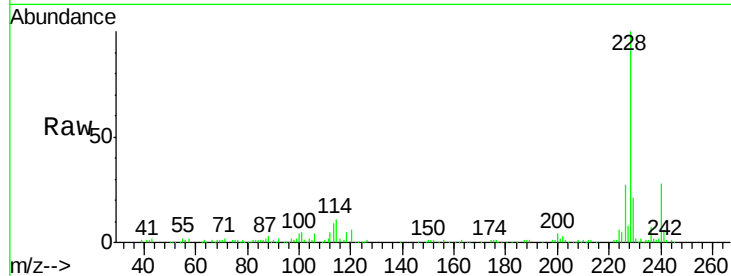
#80  
Benzo(a)anthracene  
Concen: 20.81 ng  
RT: 17.73 min Scan# 1447  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.1  | 21.3  | 31.9  |
| 229     | 20.6  | 15.4  | 23.2  |

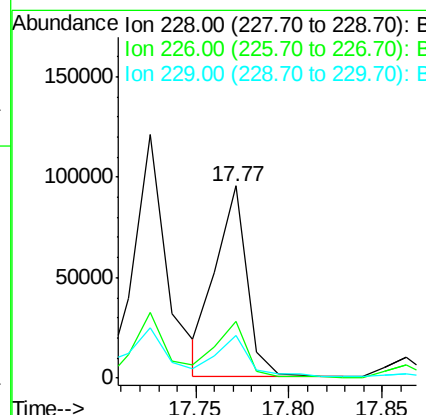
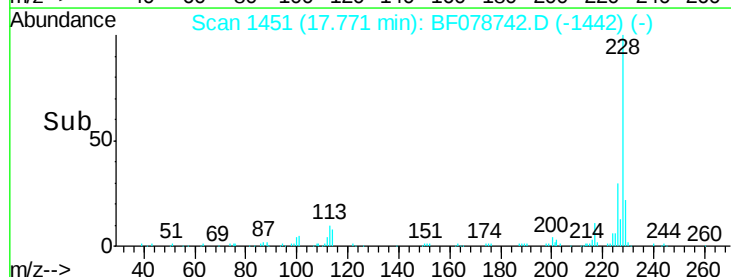
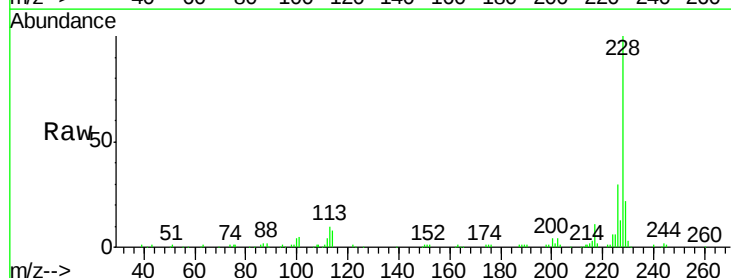
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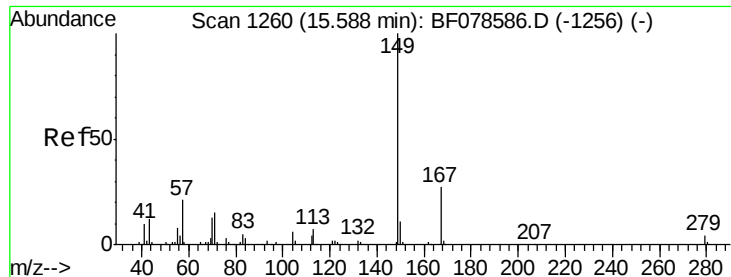
apatel  
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#82  
Chrysene  
Concen: 16.50 ng  
RT: 17.77 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 24.2  | 36.4  |
| 229     | 22.5  | 15.8  | 23.8  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.75 ng

RT: 17.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA\_F

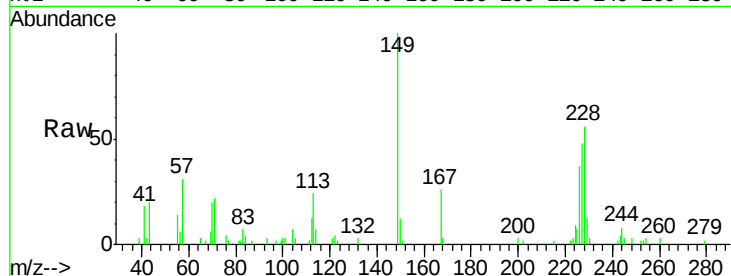
ClientSampled :

SB-79D

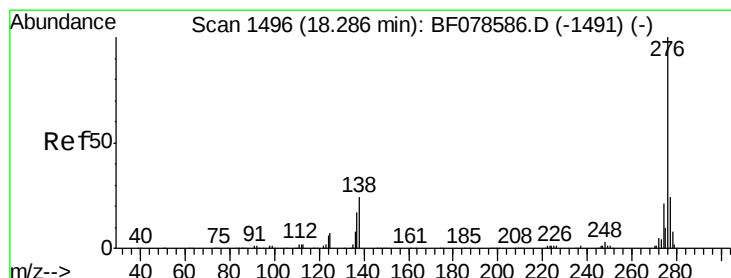
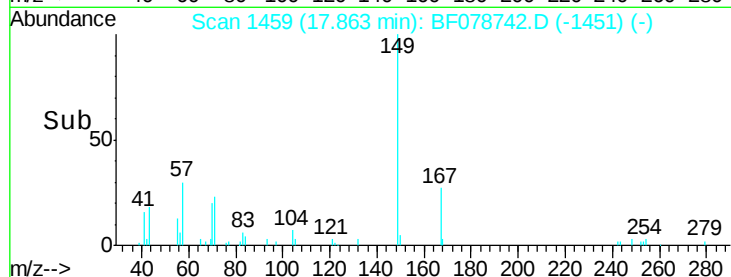
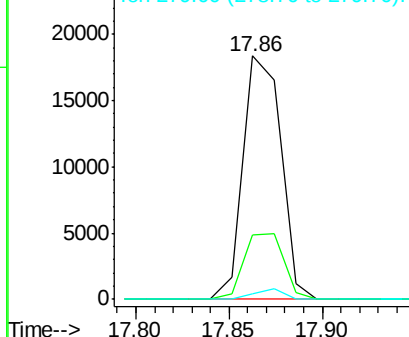
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 25891 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.5  | 22.2  | 33.2  |
| 279       | 2.0   | 3.2   | 4.8#  |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.88 ng m

RT: 20.64 min Scan# 1702

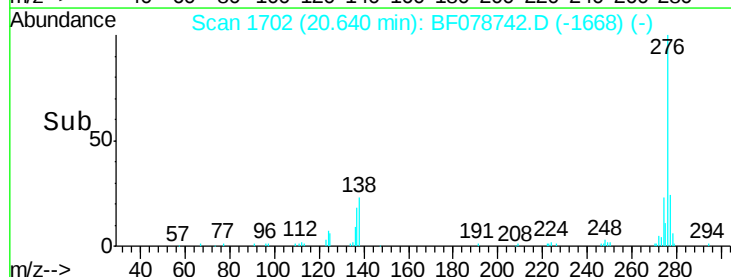
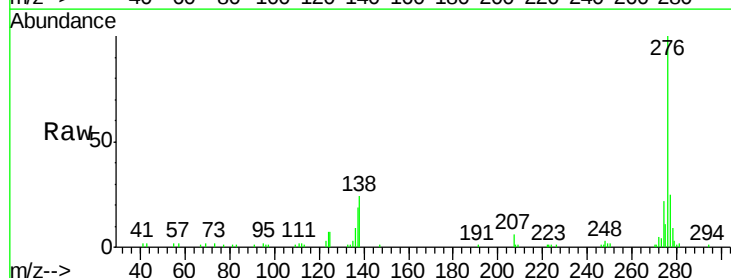
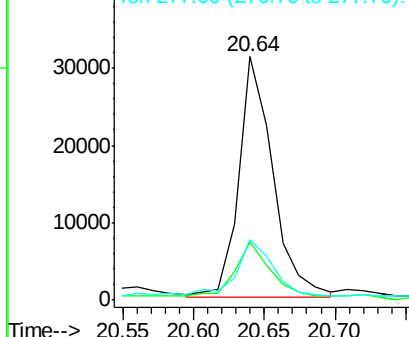
Delta R.T. 0.09 min

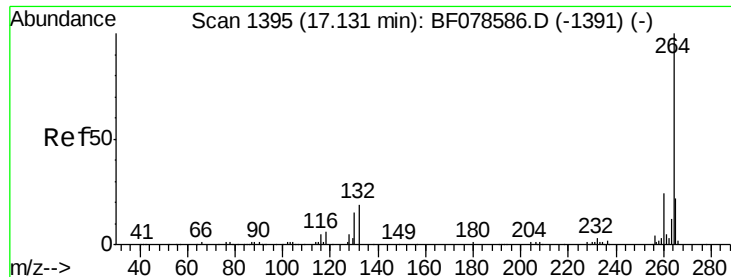
Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 52347 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 7.8   | 16.9  | 25.3# |
| 277       | 8.5   | 15.8  | 23.6# |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.46 min Scan# 1599

Delta R.T. 0.05 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA\_F

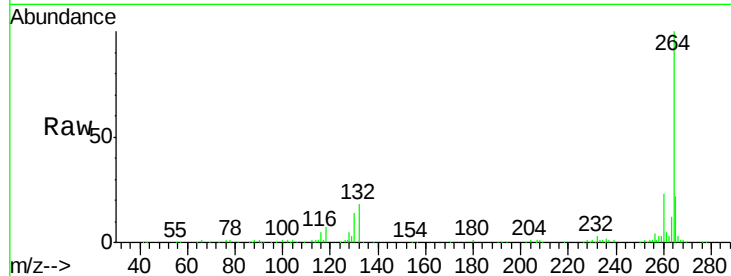
ClientSampleId :

SB-79D

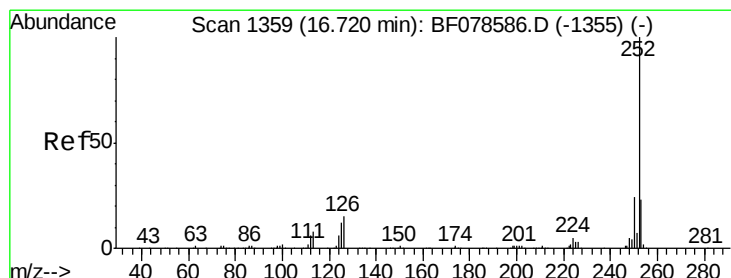
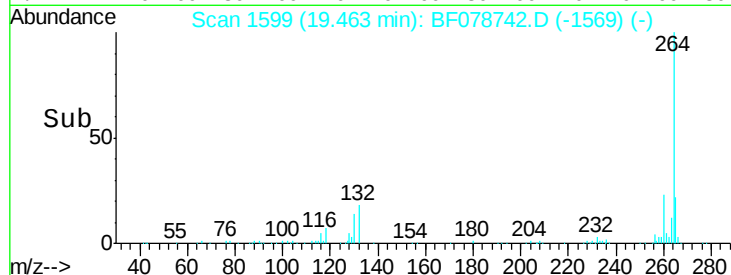
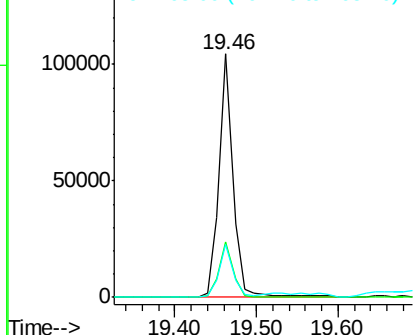
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 125517 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 22.9 | 18.6  | 27.8   |
| 265       | 22.0 | 17.0  | 25.6   |

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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



#87

Benzo(b)fluoranthene

Concen: 17.80 ng m

RT: 19.03 min Scan# 1561

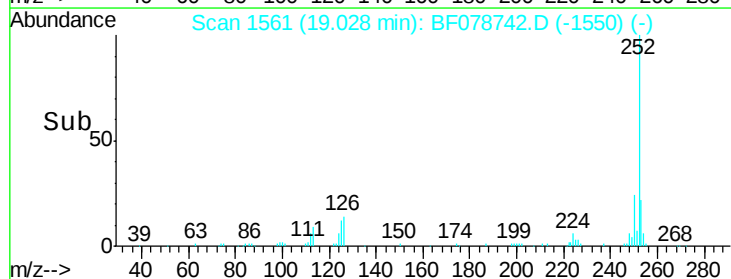
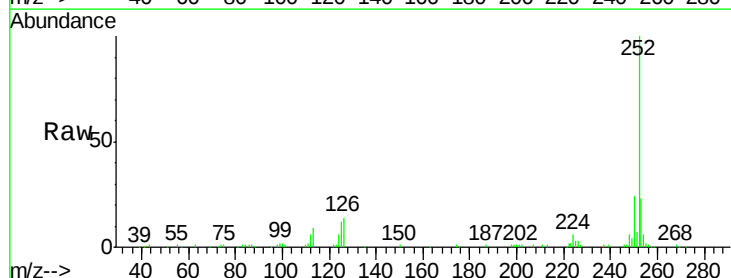
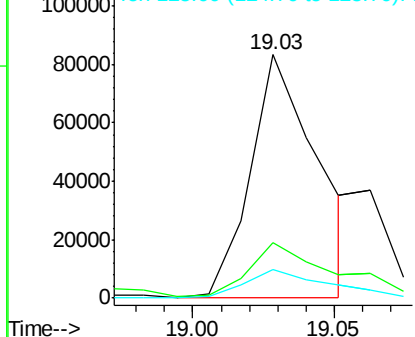
Delta R.T. 0.02 min

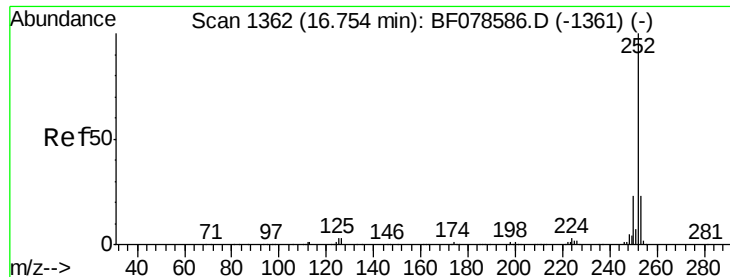
Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 138106 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.7 | 17.2  | 25.8   |
| 125       | 11.8 | 7.0   | 10.4#  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





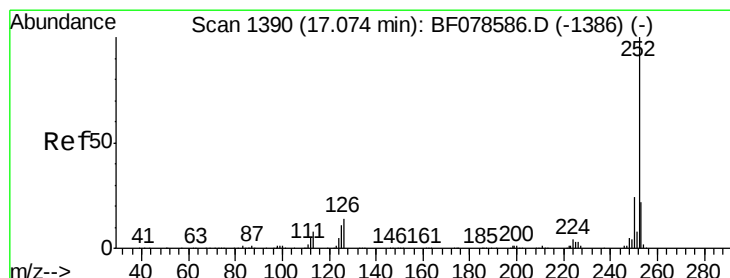
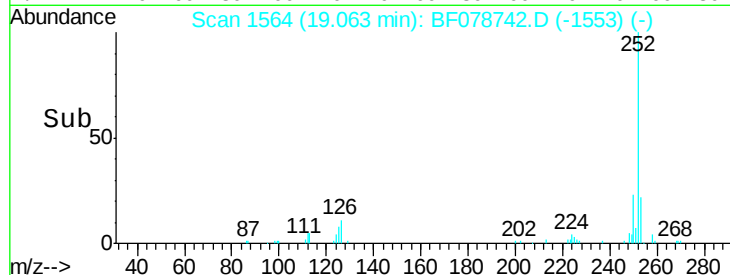
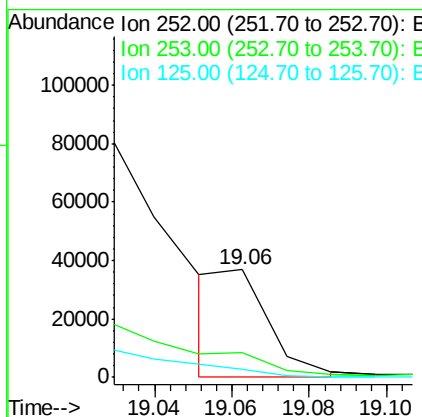
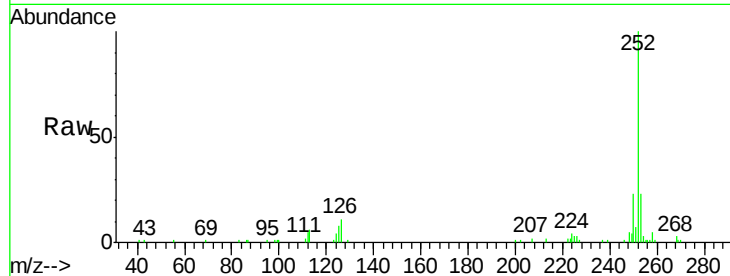
#88  
Benzo(k)fluoranthene  
Concen: 4.56 ng m  
RT: 19.06 min Scan# 1564  
Delta R.T. 0.02 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampled :  
SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 17.5  | 26.3  |
| 125     | 7.7   | 11.6  | 17.4  |

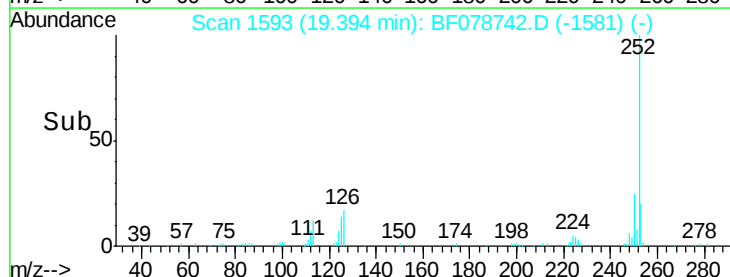
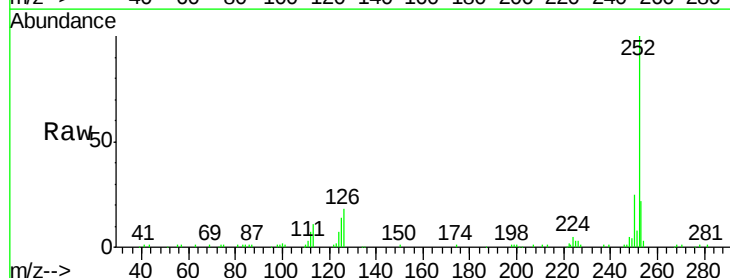
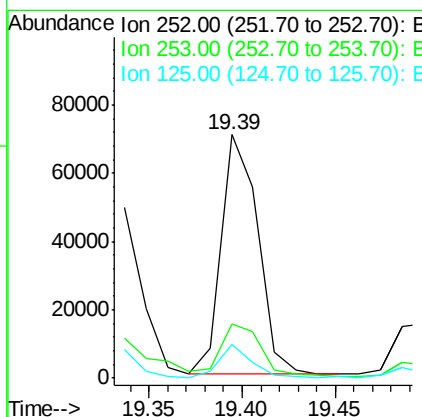
Manual Integrations  
APPROVED

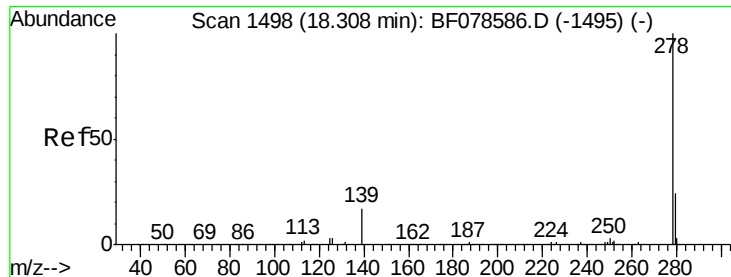
apatel  
4/23/2015 2:15:42 PM



#89  
Benzo(a)pyrene  
Concen: 14.19 ng  
RT: 19.39 min Scan# 1593  
Delta R.T. 0.03 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 16.8  | 25.2  |
| 125     | 14.0  | 7.4   | 11.0  |





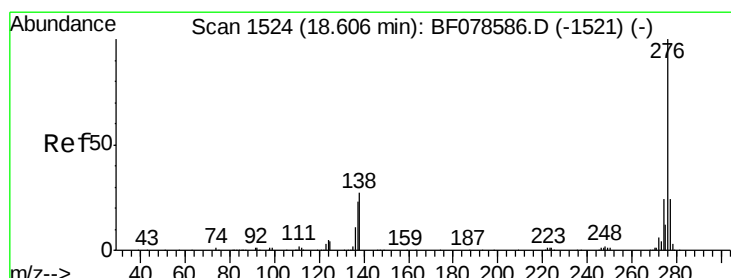
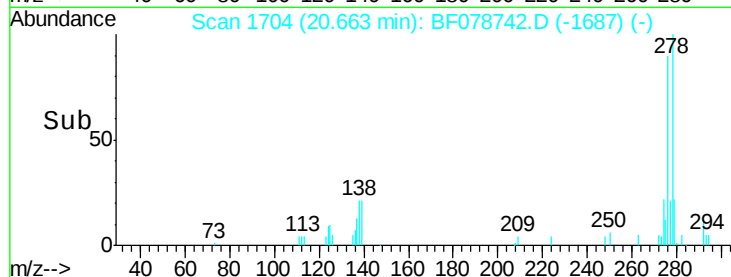
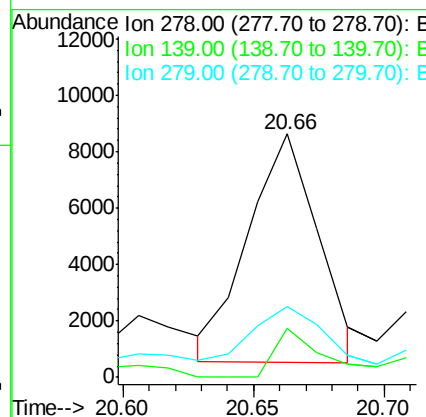
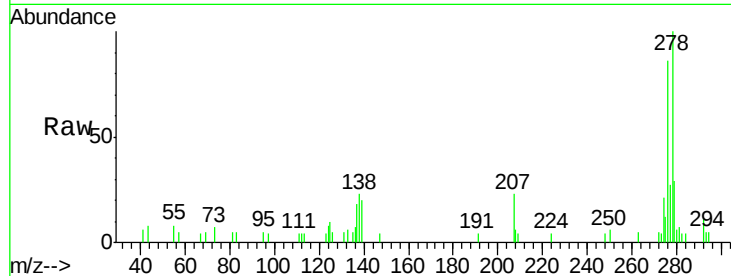
#90  
Dibenzo(a,h)anthracene  
Concen: 2.23 ng m  
RT: 20.66 min Scan# 1704  
Delta R.T. 0.09 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

Instrument :  
BNA\_F  
ClientSampleId :  
SB-79D

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.9  | 13.6  | 20.4  |
| 279     | 29.2  | 19.0  | 28.6  |

Manual Integrations  
APPROVED

apatel  
4/23/2015 2:15:42 PM



#91  
Benzo(g,h,i)perylene  
Concen: 7.70 ng m  
RT: 20.96 min Scan# 1730  
Delta R.T. 0.10 min  
Lab File: BF078742.D  
Acq: 23 Apr 2015 7:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 19.0  | 28.4  |
| 138     | 21.8  | 19.9  | 29.9  |

