

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050317\  
 Data File : BF094860.D  
 Acq On : 4 May 2017 5:05  
 Operator : SJ/MA  
 Sample : I2936-17 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

Manual Integrations  
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 5/4/2017 3:35:23 PM

Quant Time: May 04 08:36:24 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 88847    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 9.74  | 136  | 343968   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 12.57 | 164  | 147377   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 14.97 | 188  | 227280   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 18.64 | 240  | 185175   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 20.31 | 264  | 145146   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.67  | 112  | 179153   | 33.62 | ng    | 0.00     |
| 7) Phenol-d6                | 7.26  | 99   | 211179   | 33.03 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.61  | 82   | 121284   | 22.23 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 13.87 | 330  | 36260    | 30.04 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 11.51 | 172  | 231760   | 22.63 | ng    | -0.02    |
| 78) Terphenyl-d14           | 17.29 | 244  | 155679   | 18.52 | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 51) Acenaphthene            | 12.62 | 154  | 22464    | 2.40  | ng    | 98       |
| 57) Fluorene                | 13.47 | 166  | 34151    | 3.03  | ng    | 98       |
| 70) Phenanthrene            | 15.01 | 178  | 335838   | 25.72 | ng    | 99       |
| 71) Anthracene              | 15.09 | 178  | 113121   | 8.48  | ng    | 99       |
| 74) Fluoranthene            | 16.75 | 202  | 640725   | 47.83 | ng    | 99       |
| 77) Pyrene                  | 17.06 | 202  | 651760   | 47.06 | ng    | 99       |
| 80) Benzo(a)anthracene      | 18.63 | 228  | 332190   | 30.82 | ng    | 98       |
| 82) Chrysene                | 18.67 | 228  | 315010   | 30.23 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 21.59 | 276  | 112608   | 13.31 | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 19.91 | 252  | 363467m  | 40.53 | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.93 | 252  | 130430m  | 15.08 | ng    |          |
| 89) Benzo(a)pyrene          | 20.25 | 252  | 257730   | 31.14 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 21.60 | 278  | 34496    | 5.05  | ng    | # 73     |
| 91) Benzo(g,h,i)perylene    | 21.97 | 276  | 112901   | 16.83 | ng    | 98       |

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

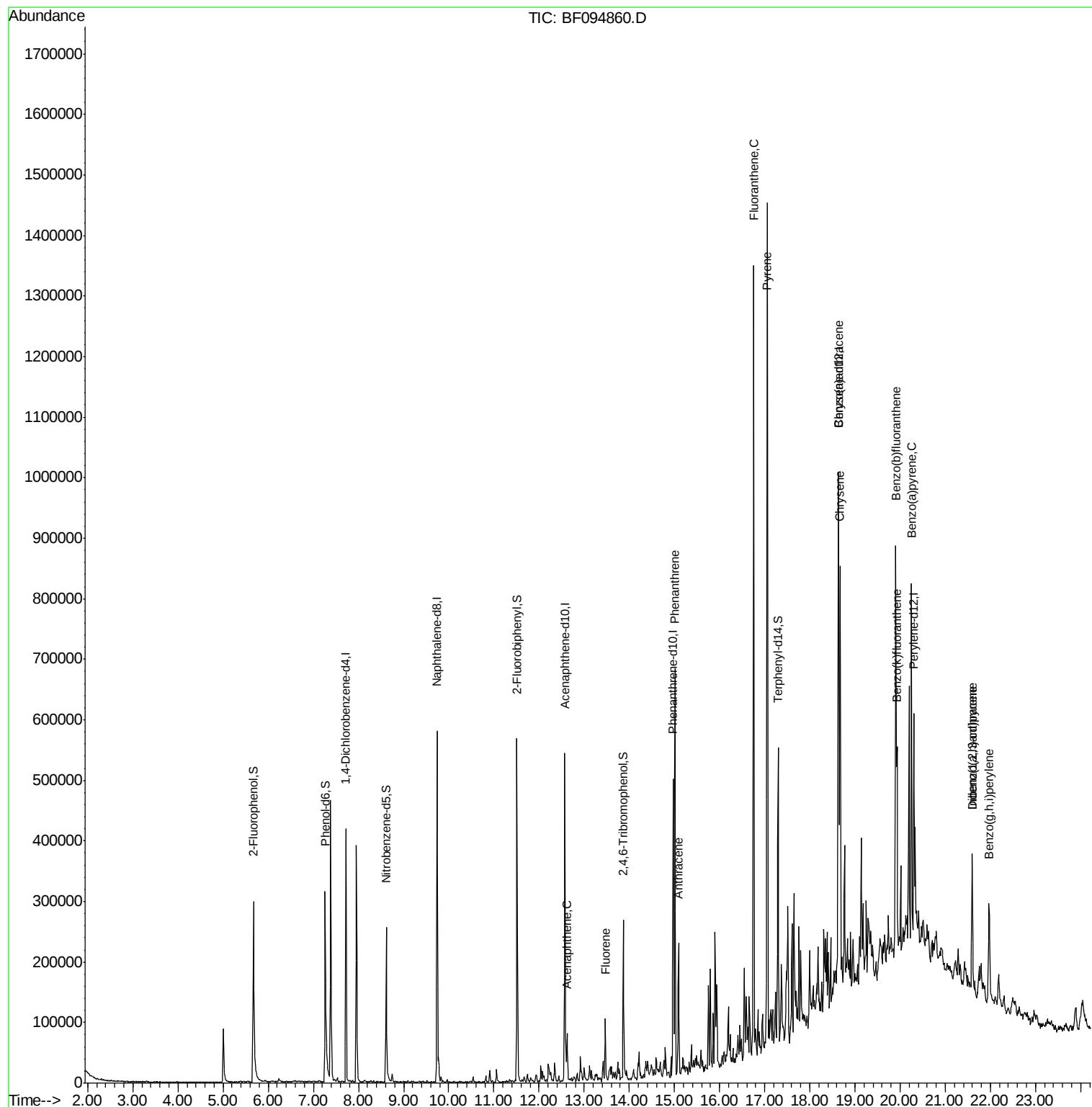
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050317\  
Data File : BF094860.D  
Acq On : 4 May 2017 5:05  
Operator : SJ/MA  
Sample : I2936-17 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

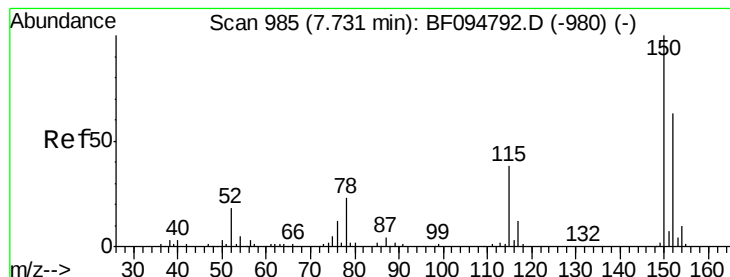
Instrument :  
BNA\_F  
ClientSampleId :  
TP6-COMP(0.5-5FT)

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Quant Time: May 04 08:36:24 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 03 17:24:51 2017  
Response via : Initial Calibration





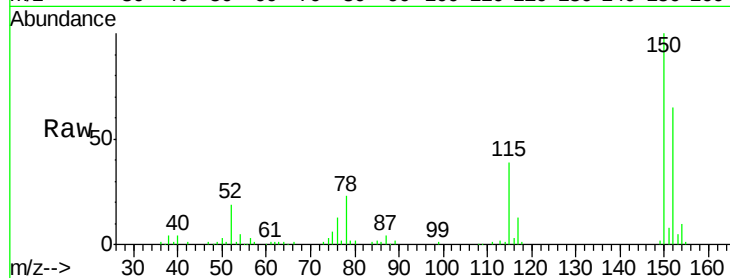
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.72 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 126.2 | 189.2 |
| 115     | 60.3  | 52.2  | 78.2  |

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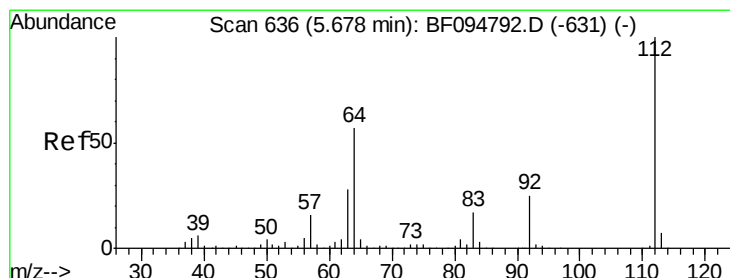
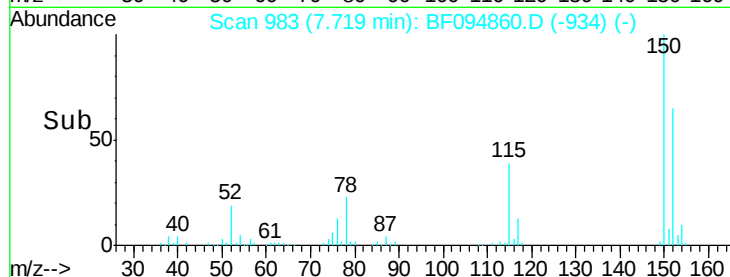
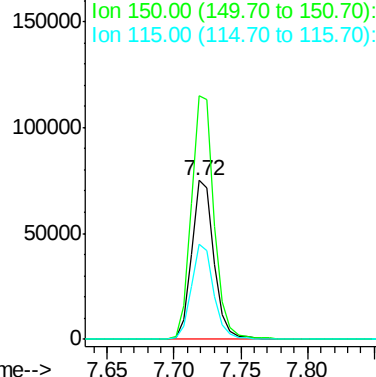


Abundance

Ion 152.00 (151.70 to 152.70): E

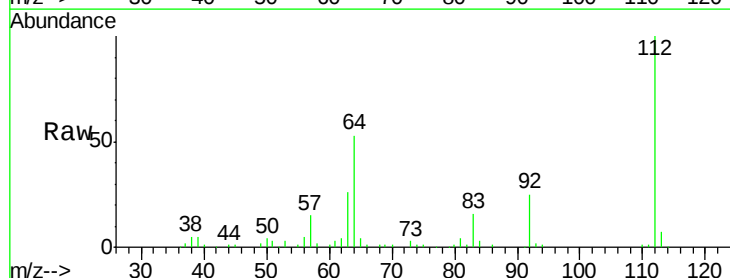
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5  
 2-Fluorophenol  
 Concen: 33.62 ng  
 RT: 5.67 min Scan# 635  
 Delta R.T. -0.01 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.8  | 46.0  | 69.0  |
| 63      | 26.1  | 23.4  | 35.0  |

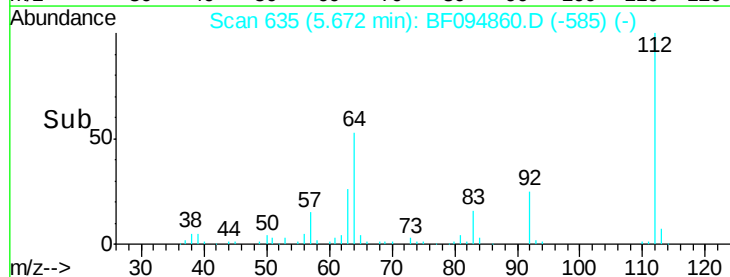
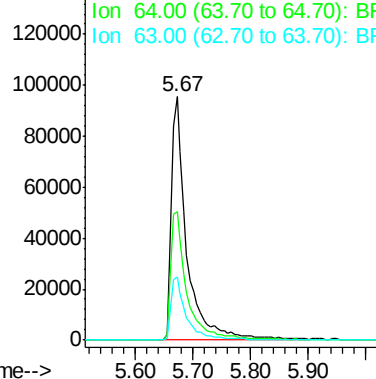


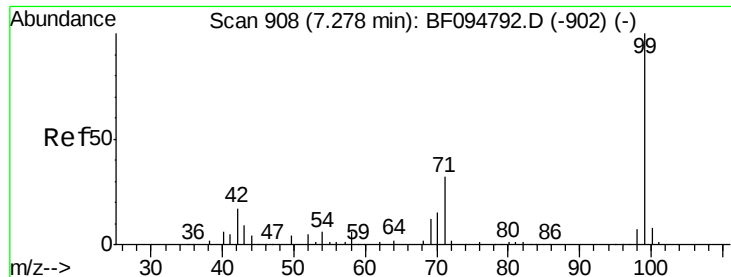
Abundance

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: 33.03 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

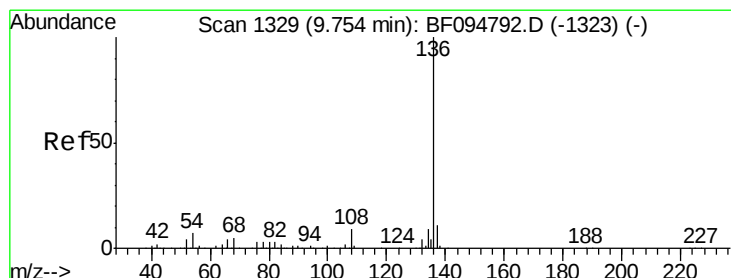
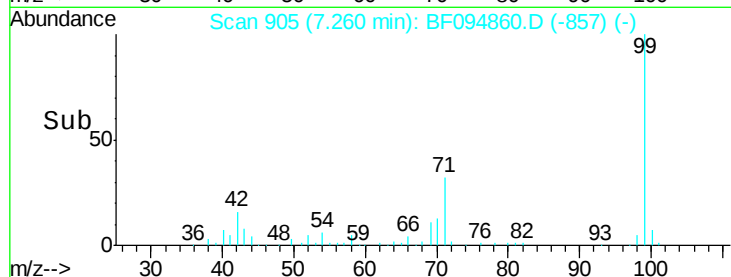
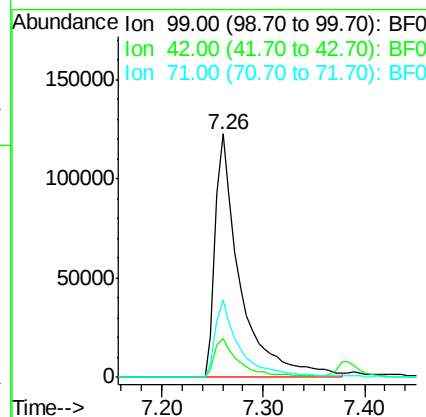
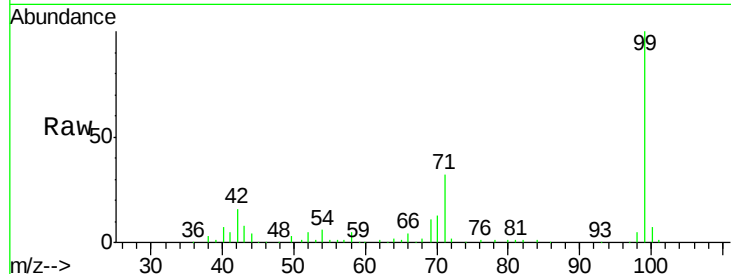
ClientSampleId :

TP6-COMP(0.5-5FT)

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 211179 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.7  | 13.5  | 20.3   |
| 71        | 31.9  | 24.5  | 36.7   |

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#21

Naphthalene-d8

Concen: 20.00 ng

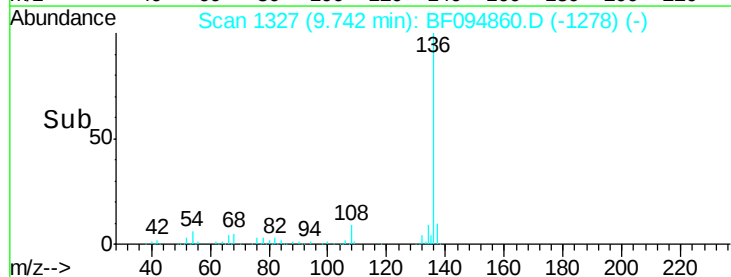
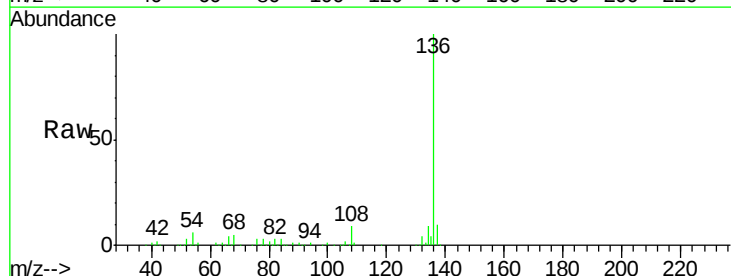
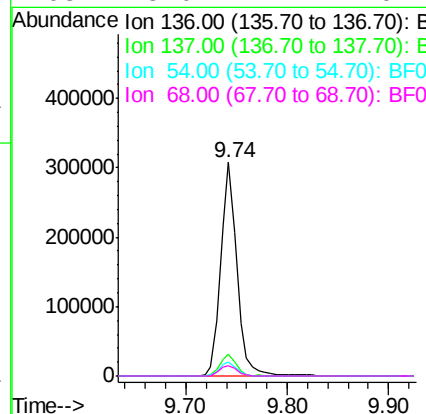
RT: 9.74 min Scan# 1327

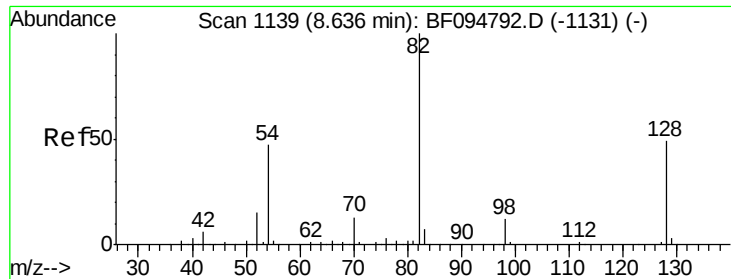
Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 343968 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.3  | 8.5   | 12.7   |
| 54        | 6.4   | 4.9   | 7.3    |
| 68        | 5.0   | 4.1   | 6.1    |





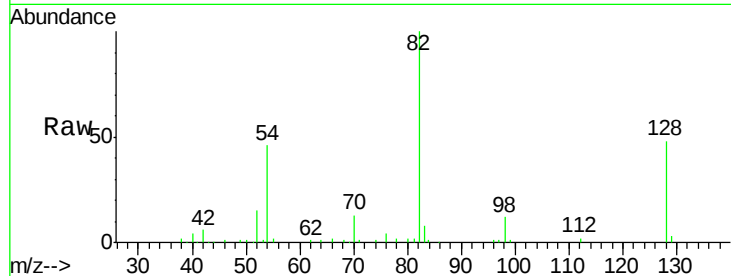
#23  
 Nitrobenzene-d5  
 Concen: 22.23 ng  
 RT: 8.61 min Scan# 1135  
 Delta R.T. -0.02 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

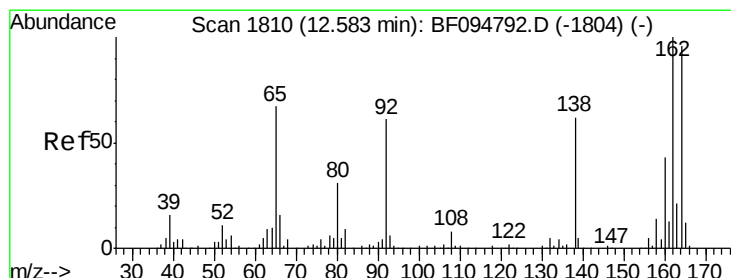
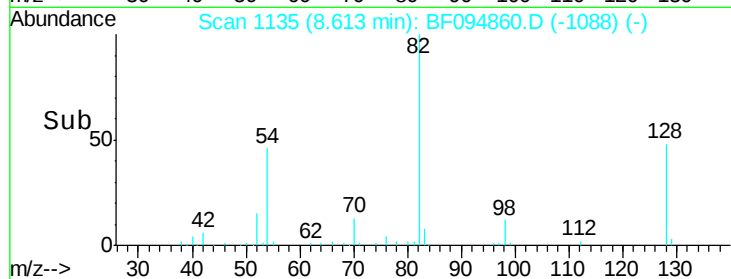
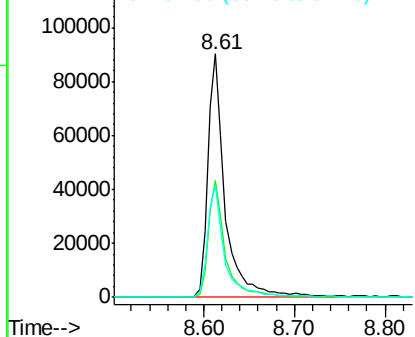
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.1  | 34.0  | 51.0  |
| 54      | 46.1  | 42.2  | 63.2  |

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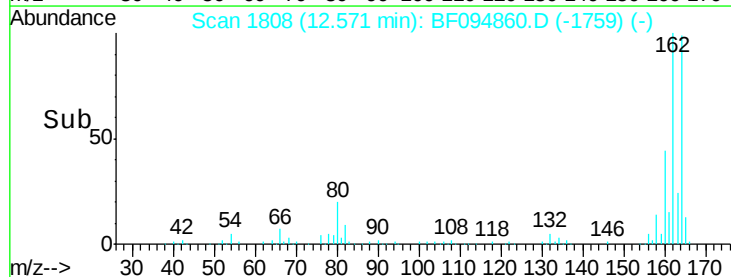
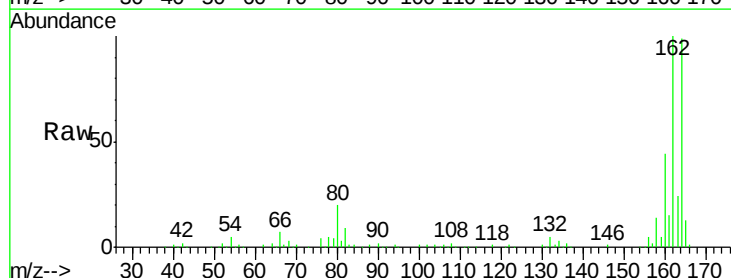
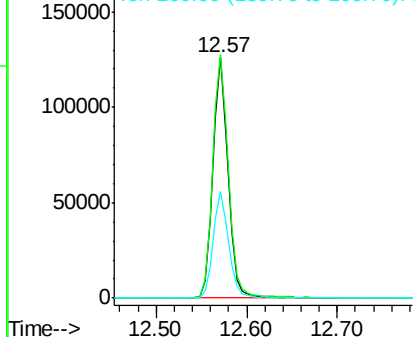
Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.57 min Scan# 1808  
 Delta R.T. -0.01 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 82.6  | 123.8 |
| 160     | 44.5  | 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





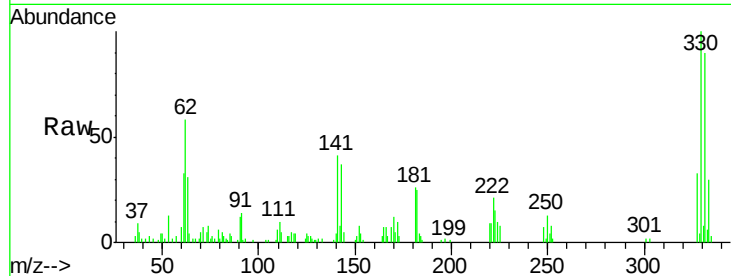
#41  
 2,4,6-Tribromophenol  
 Concen: 30.04 ng  
 RT: 13.87 min Scan# 2028  
 Delta R.T. -0.02 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

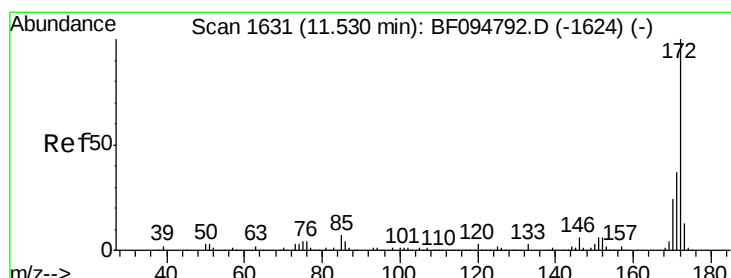
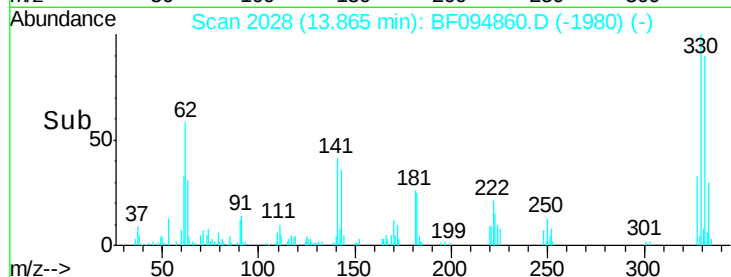
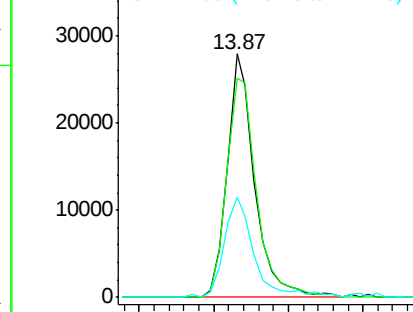
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 36260 |       |       |
| 332     | 98.7  | 76.6  | 115.0 |       |
| 141     | 44.8  | 31.4  | 47.2  |       |

Manual Integrations  
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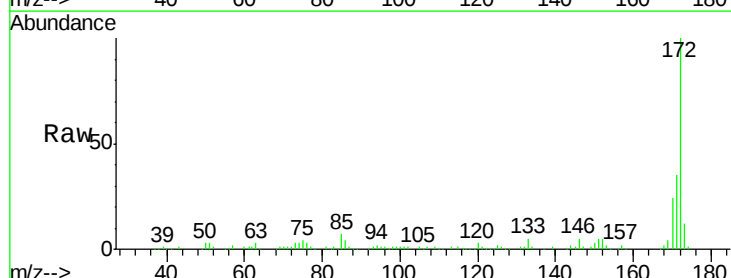


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

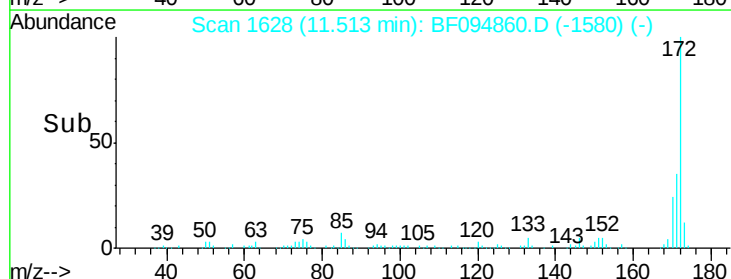
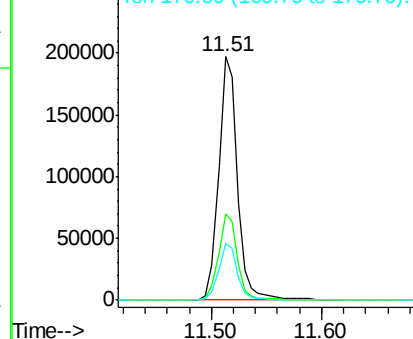


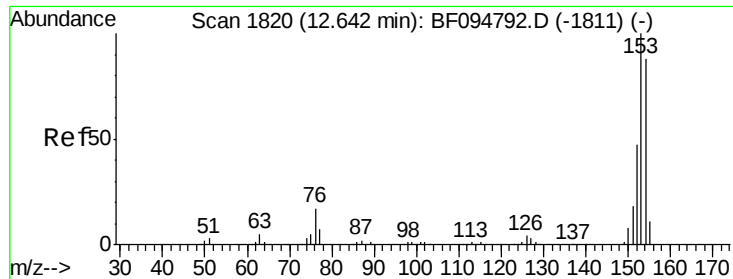
#44  
 2-Fluorobiphenyl  
 Concen: 22.63 ng  
 RT: 11.51 min Scan# 1628  
 Delta R.T. -0.02 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 231760 |       |       |
| 171     | 35.3  | 29.6   | 44.4  |       |
| 170     | 23.6  | 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





#51

Acenaphthene

Concen: 2.40 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

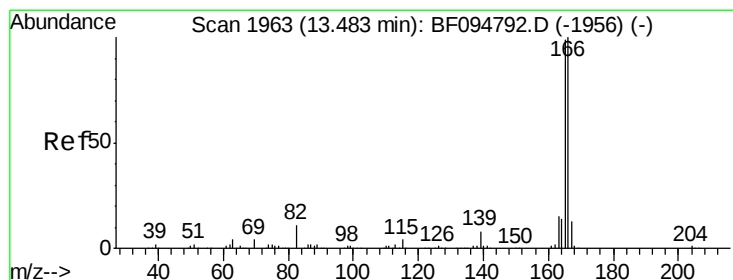
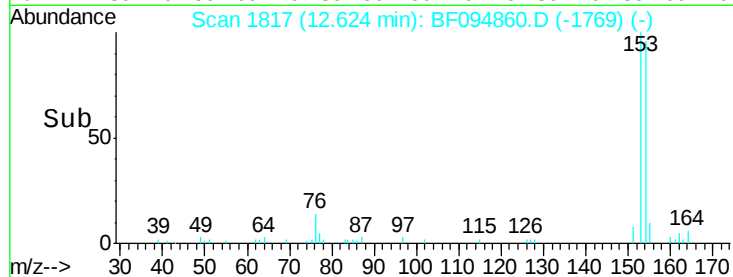
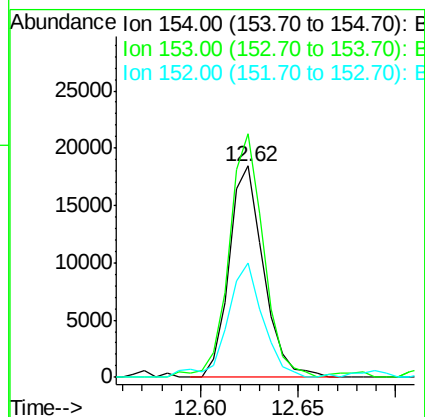
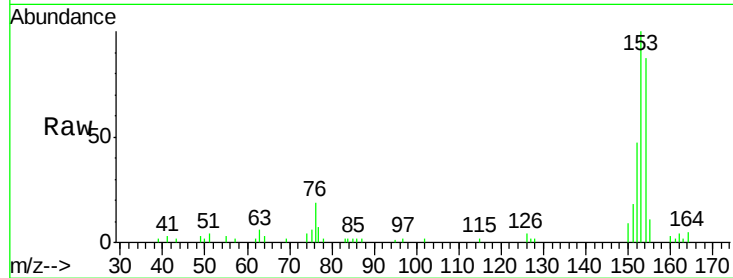
ClientSampleId :

TP6-COMP(0.5-5FT)

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 22464 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 115.4 | 90.5  | 135.7 |
| 152       | 54.3  | 43.6  | 65.4  |

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#57

Fluorene

Concen: 3.03 ng

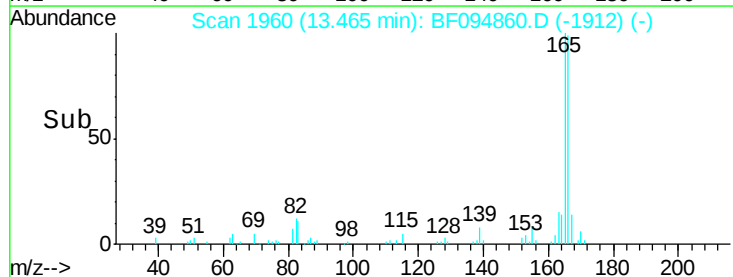
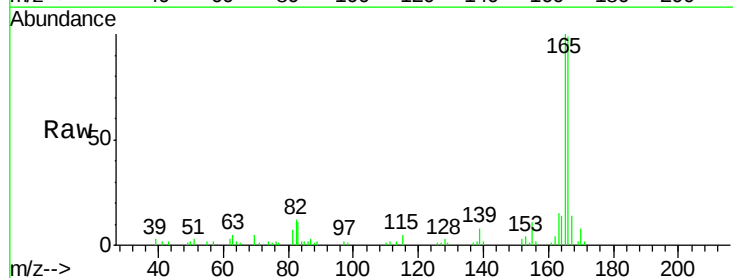
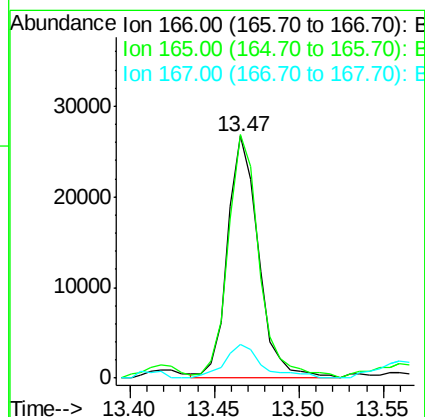
RT: 13.47 min Scan# 1960

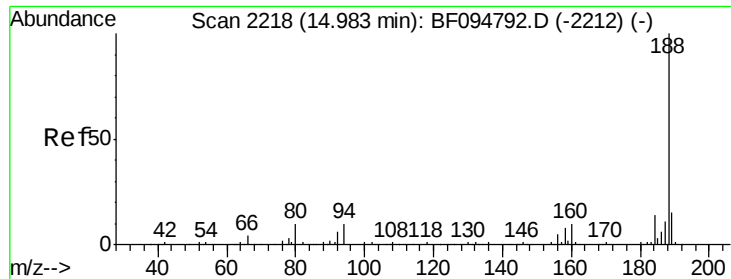
Delta R.T. -0.02 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 34151 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 100.5 | 78.8  | 118.2 |
| 167       | 14.2  | 10.6  | 16.0  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

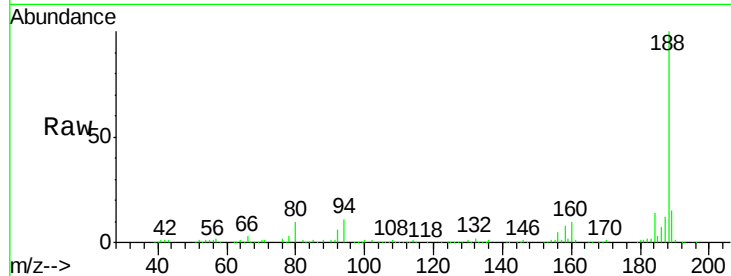
ClientSampleId :

TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.5  | 9.4        | 14.2       |
| 80      | 9.7   | 10.2       | 15.2       |

Manual Integrations  
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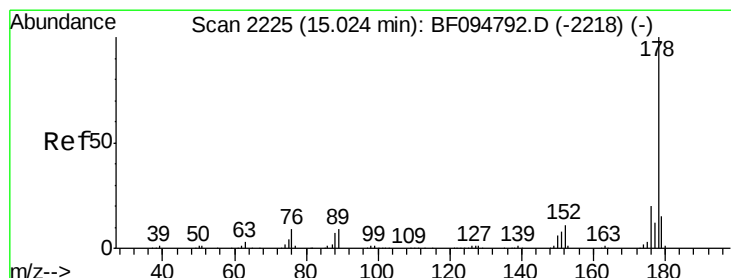
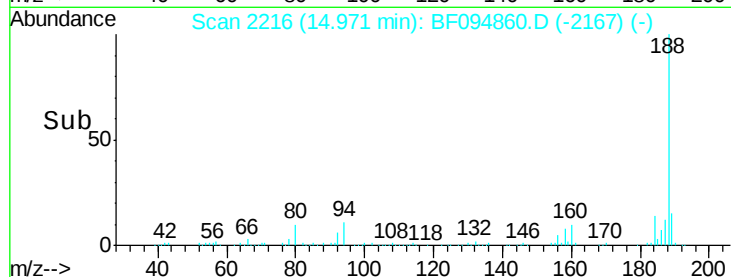
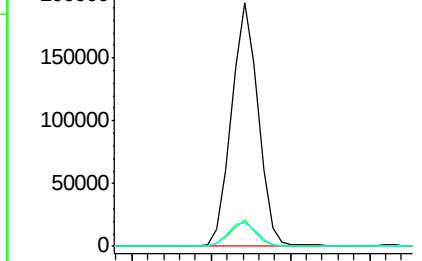
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 25.72 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF094860.D

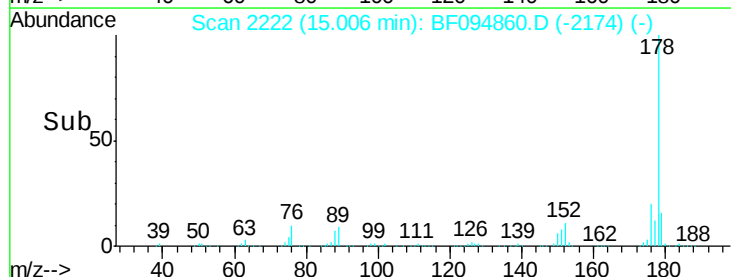
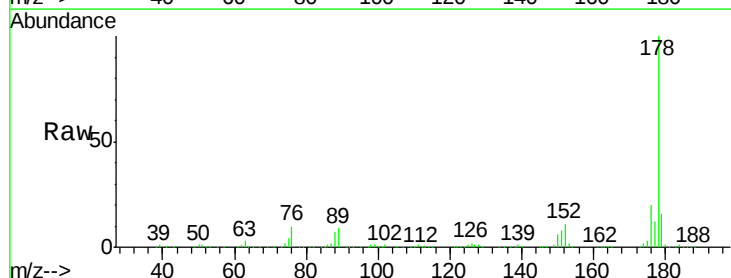
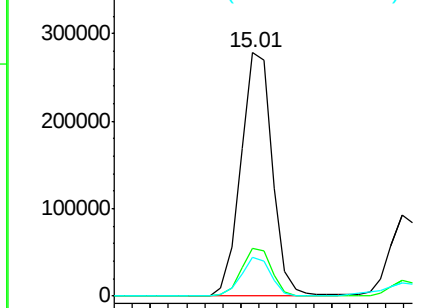
Acq: 4 May 2017 5:05

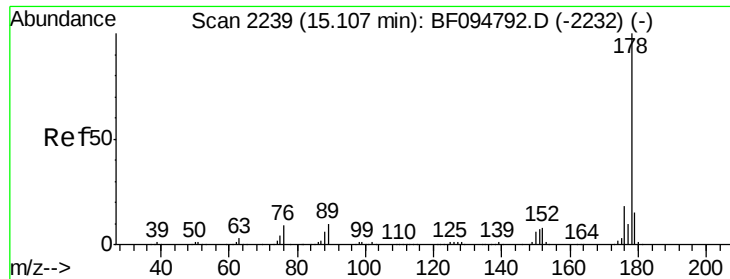
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 178     | 100   |            |            |
| 176     | 19.6  | 16.2       | 24.4       |
| 179     | 16.1  | 12.6       | 19.0       |

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





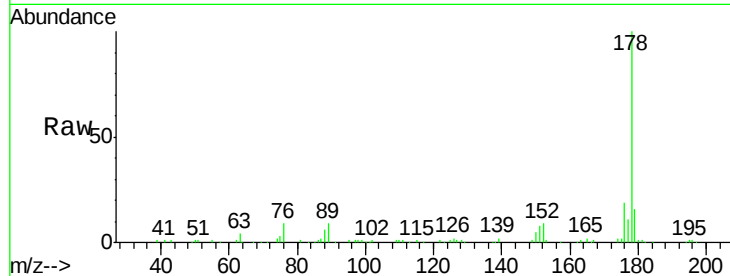
#71  
 Anthracene  
 Concen: 8.48 ng  
 RT: 15.09 min Scan# 2236  
 Delta R.T. -0.02 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

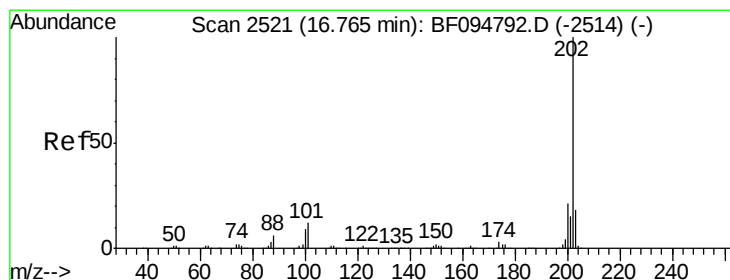
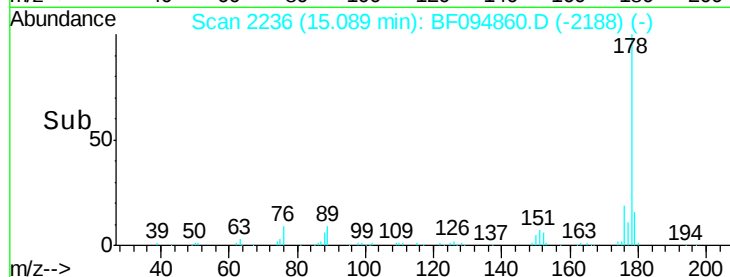
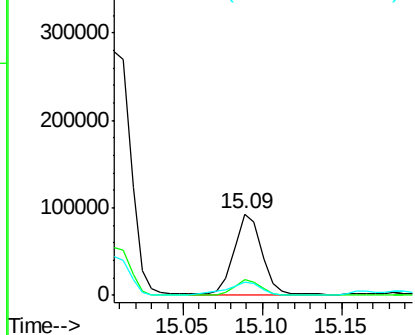
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.8  | 23.8  |
| 179     | 16.4  | 12.7  | 19.1  |

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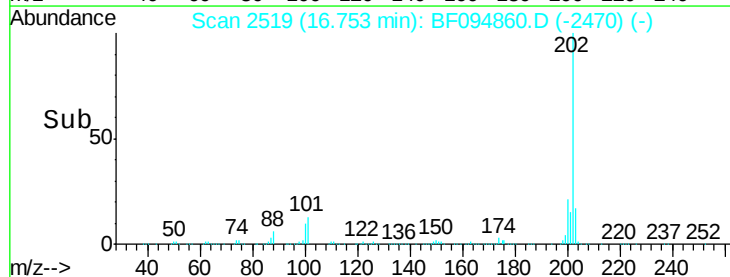
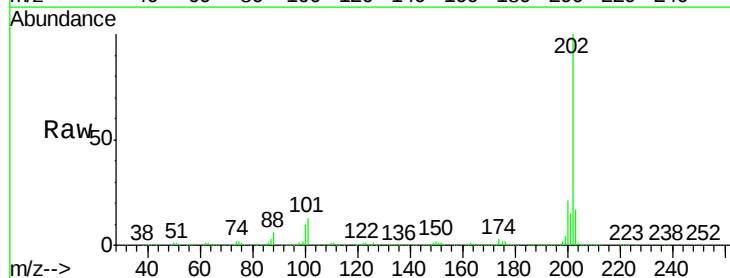
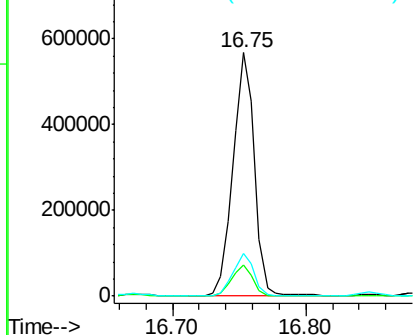
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

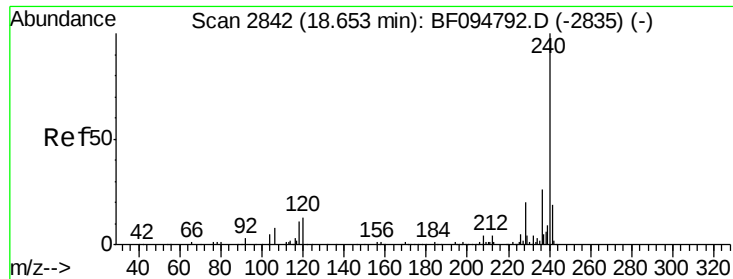


#74  
 Fluoranthene  
 Concen: 47.83 ng  
 RT: 16.75 min Scan# 2519  
 Delta R.T. -0.01 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 33.2  |
| 203     | 17.3  | 0.0   | 38.1  |

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: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

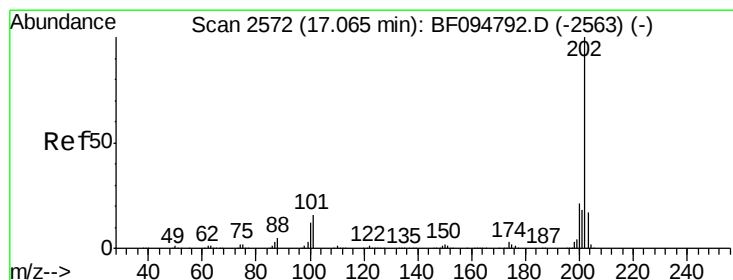
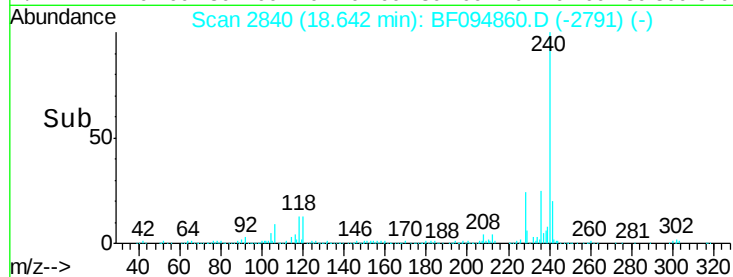
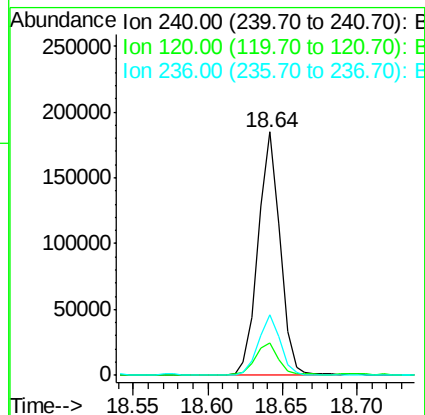
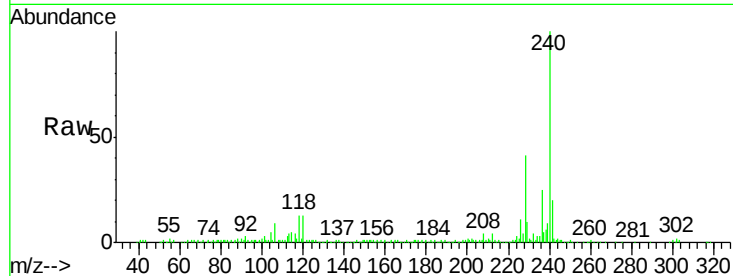
ClientSampleId :

TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 185175 |       |       |
| 120     | 13.4  | 5.8    | 8.8#  |       |
| 236     | 24.8  | 20.5   | 30.7  |       |

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#77

Pyrene

Concen: 47.06 ng

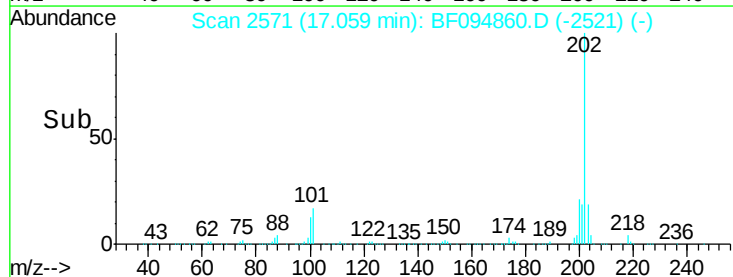
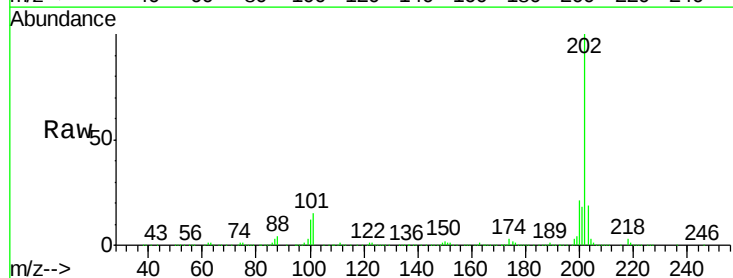
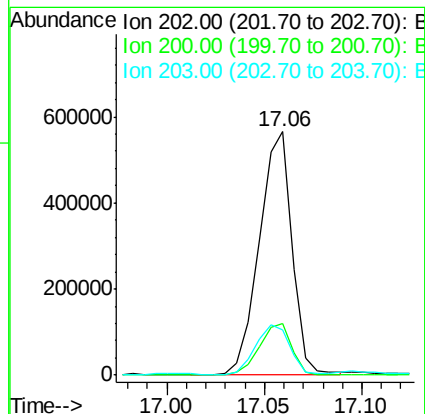
RT: 17.06 min Scan# 2571

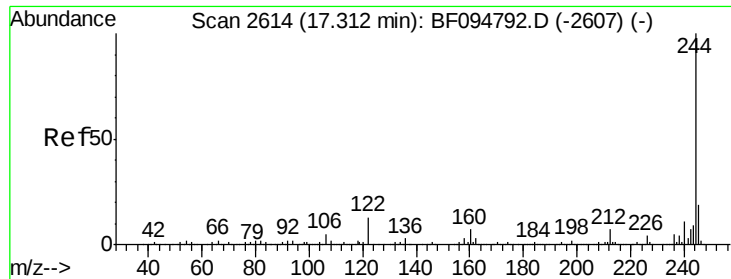
Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 651760 |       |       |
| 200     | 21.4  | 17.6   | 26.4  |       |
| 203     | 18.5  | 14.4   | 21.6  |       |





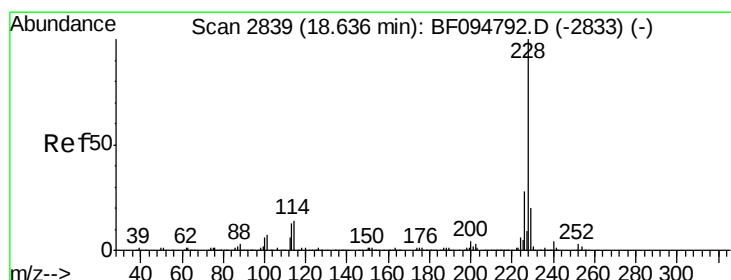
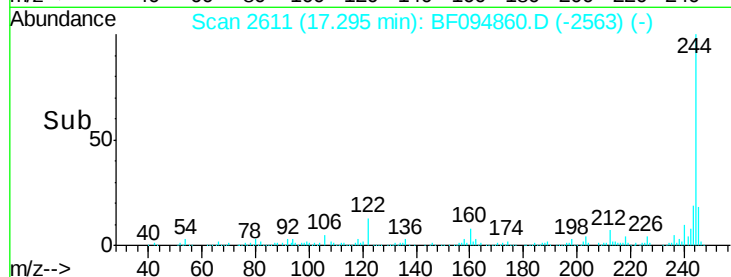
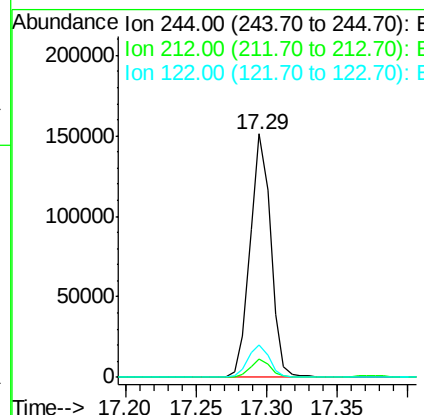
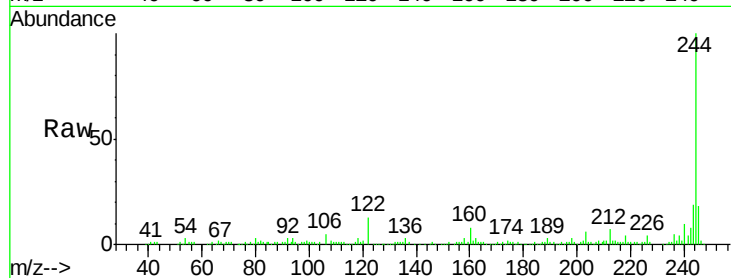
#78  
 Terphenyl-d14  
 Concen: 18.52 ng  
 RT: 17.29 min Scan# 2611  
 Delta R.T. -0.02 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 155679 |       |       |
| 212     | 7.3   | 6.0    | 9.0   |       |
| 122     | 13.1  | 10.3   | 15.5  |       |

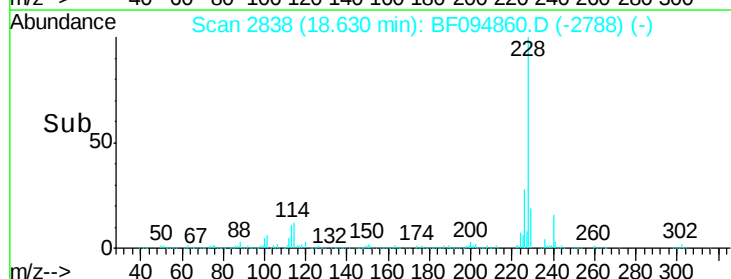
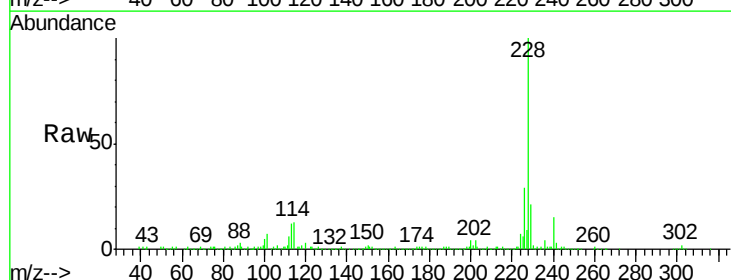
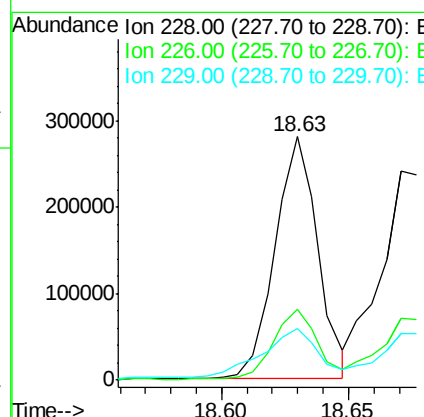
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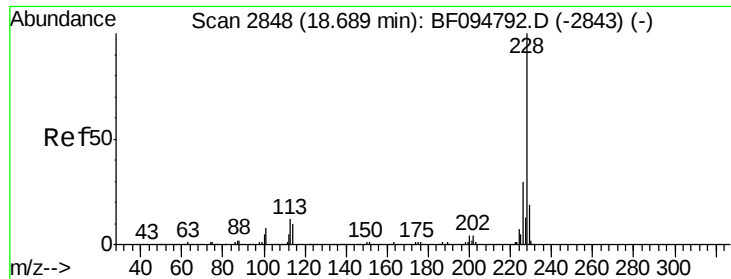
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#80  
 Benzo(a)anthracene  
 Concen: 30.82 ng  
 RT: 18.63 min Scan# 2838  
 Delta R.T. -0.01 min  
 Lab File: BF094860.D  
 Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 332190 |       |       |
| 226     | 28.8  | 22.6   | 33.8  |       |
| 229     | 21.3  | 16.3   | 24.5  |       |





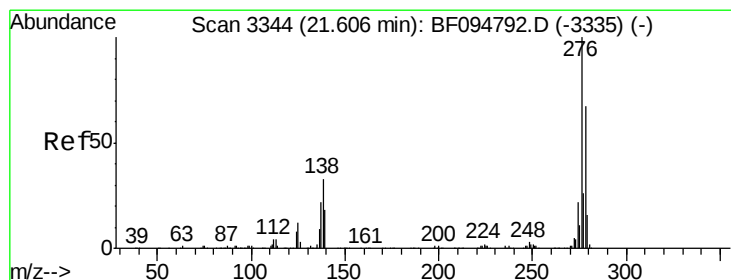
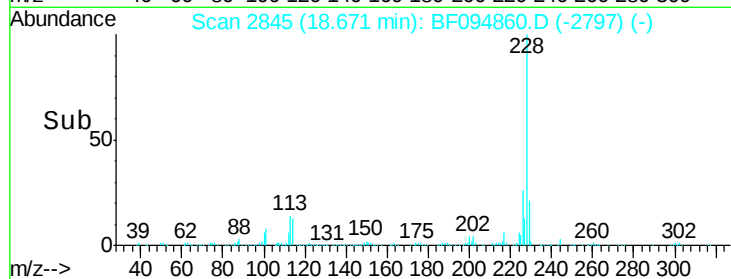
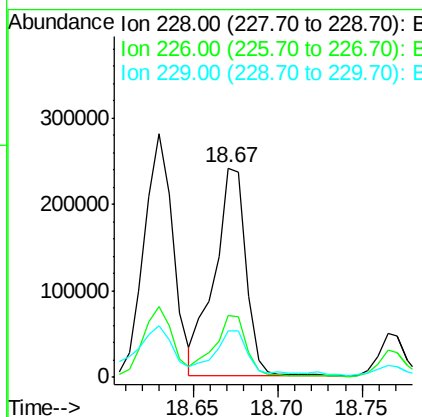
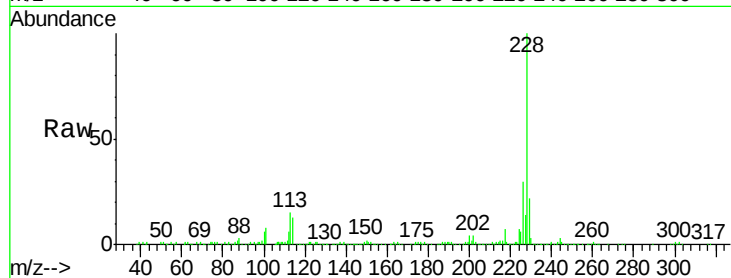
#82  
Chrysene  
Concen: 30.23 ng  
RT: 18.67 min Scan# 2845  
Delta R.T. -0.02 min  
Lab File: BF094860.D  
Acq: 4 May 2017 5:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 24.9  | 37.3  |
| 229     | 22.1  | 15.8  | 23.6  |

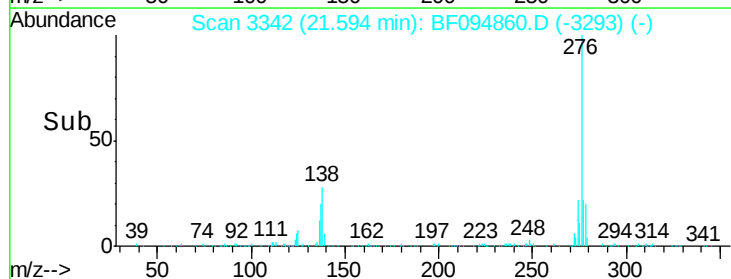
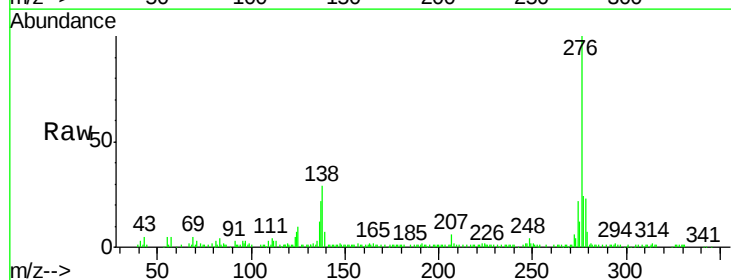
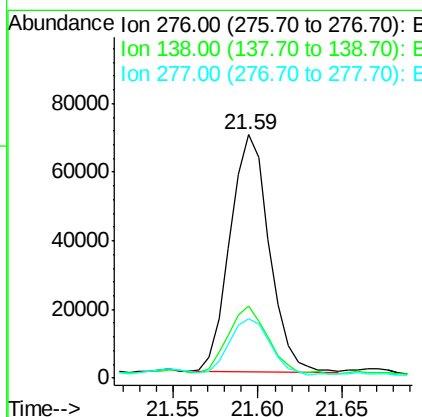
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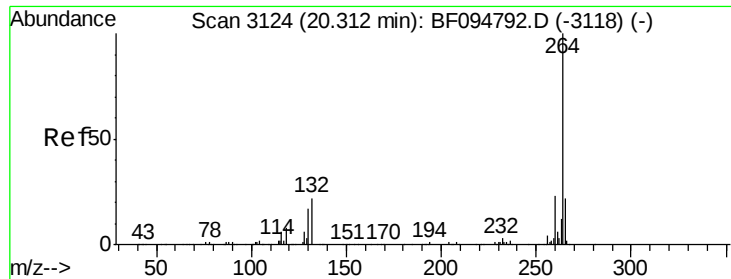
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 13.31 ng  
RT: 21.59 min Scan# 3342  
Delta R.T. -0.01 min  
Lab File: BF094860.D  
Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.9  | 27.8  | 41.6  |
| 277     | 25.4  | 20.2  | 30.4  |





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

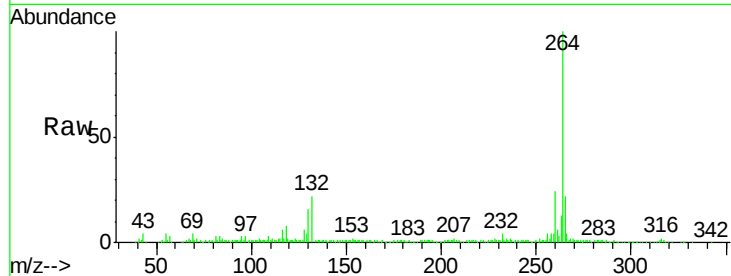
ClientSampleId :

TP6-COMP(0.5-5FT)

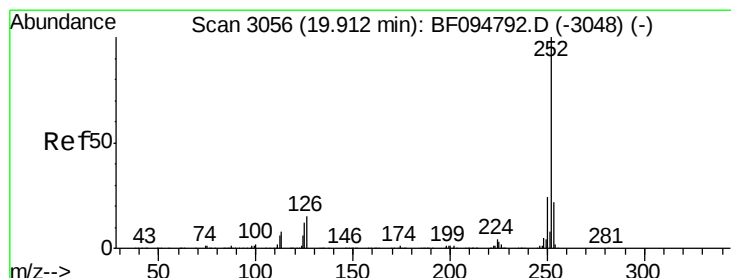
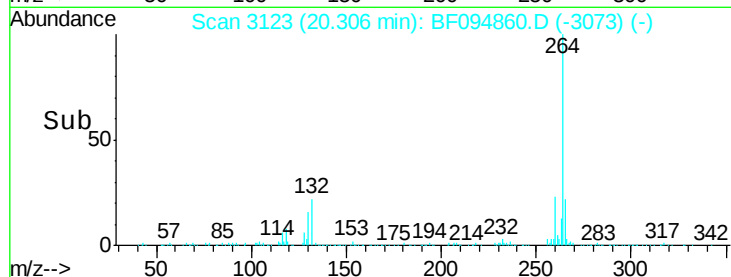
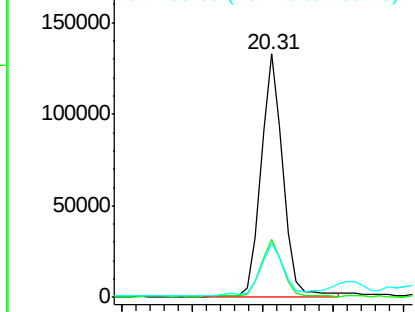
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 145146 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 23.6 | 19.5  | 29.3   |
| 265       | 22.2 | 17.2  | 25.8   |

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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: 40.53 ng m

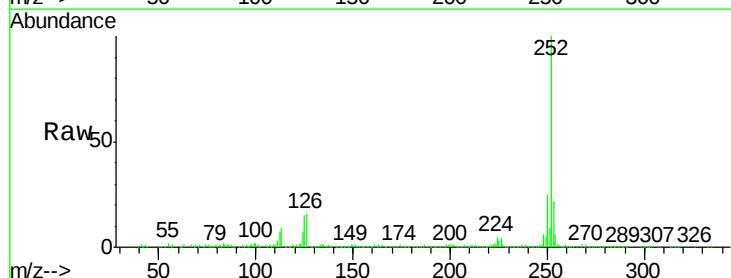
RT: 19.91 min Scan# 3055

Delta R.T. -0.01 min

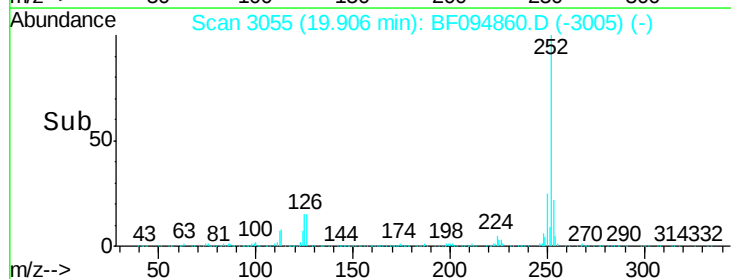
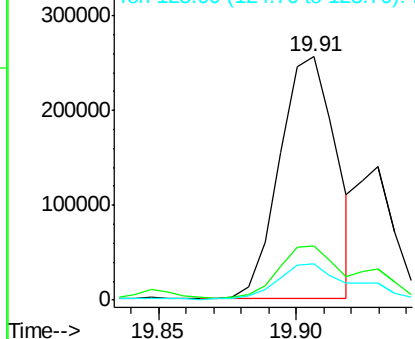
Lab File: BF094860.D

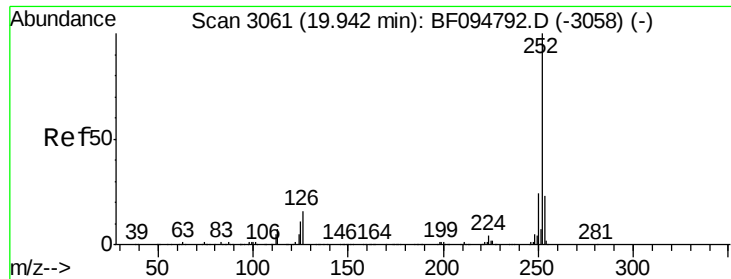
Acq: 4 May 2017 5:05

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 363467 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.4 | 18.1  | 27.1   |
| 125       | 15.1 | 9.8   | 14.8#  |



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: 15.08 ng m

RT: 19.93 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

Instrument :

BNA\_F

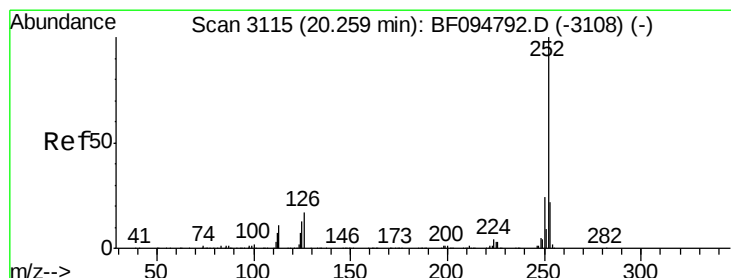
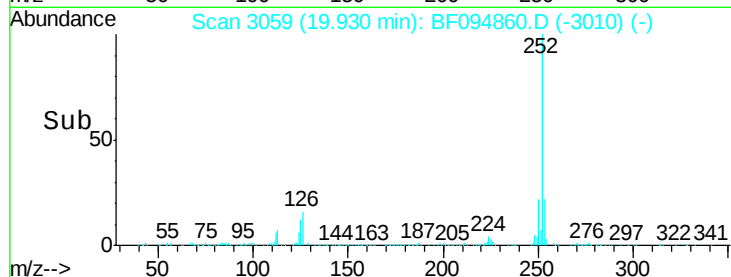
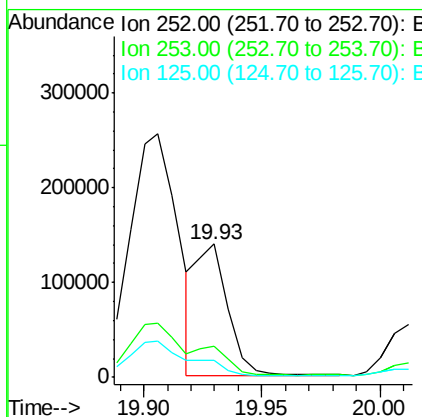
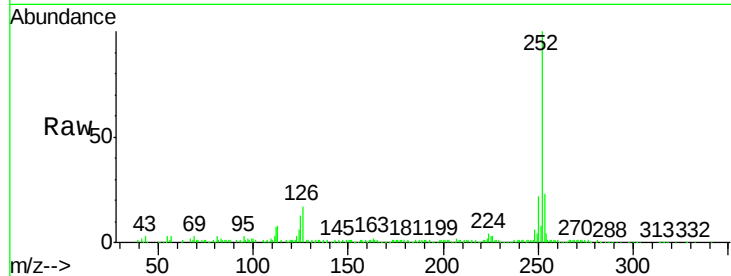
ClientSampleId :

TP6-COMP(0.5-5FT)

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 130430 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.0  | 18.4  | 27.6   |
| 125       | 13.1  | 13.1  | 19.7#  |

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#89

Benzo(a)pyrene

Concen: 31.14 ng

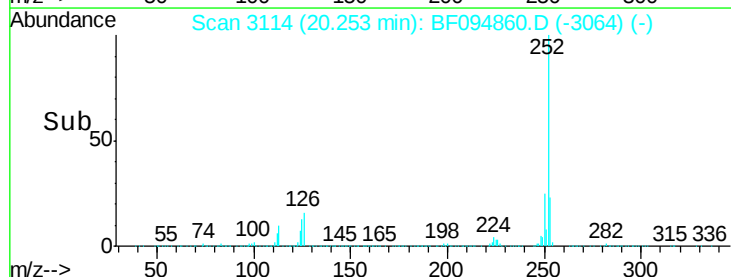
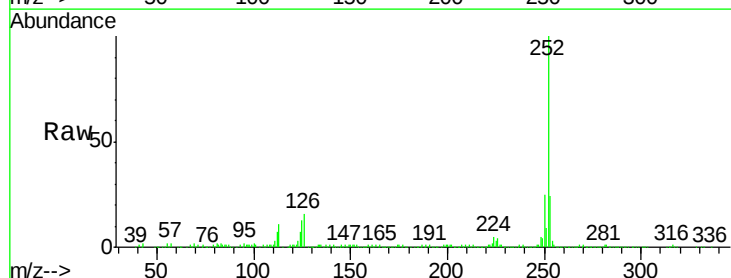
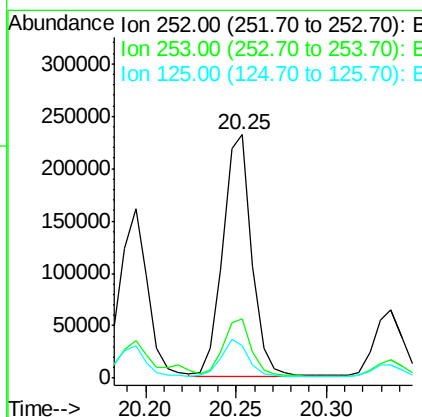
RT: 20.25 min Scan# 3114

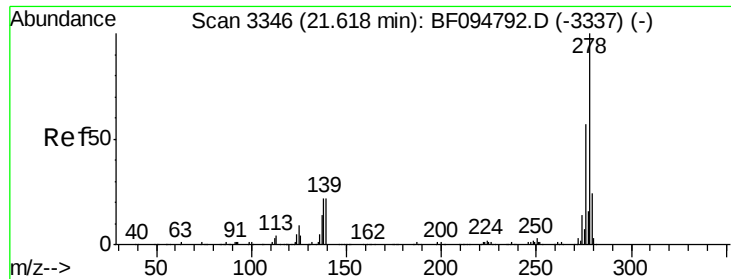
Delta R.T. -0.01 min

Lab File: BF094860.D

Acq: 4 May 2017 5:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 257730 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.2  | 17.5  | 26.3   |
| 125       | 13.2  | 11.0  | 16.4   |





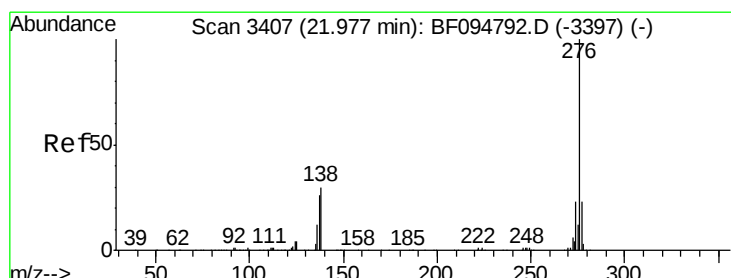
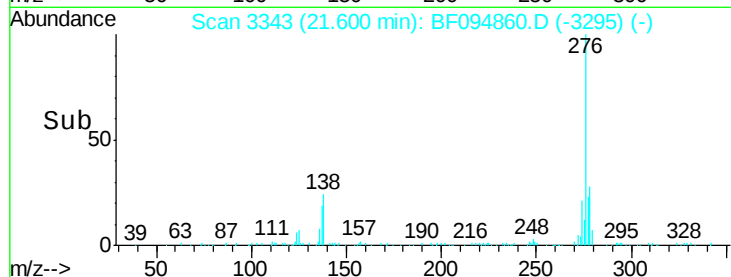
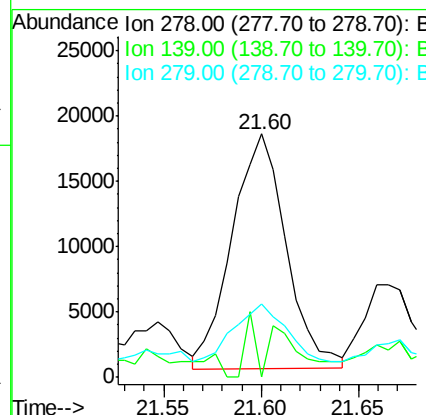
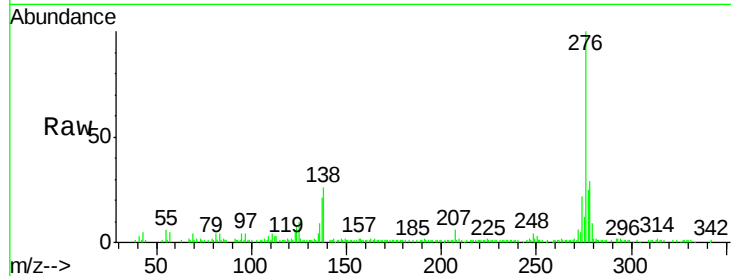
#90  
Dibenzo(a,h)anthracene  
Concen: 5.05 ng  
RT: 21.60 min Scan# 3343  
Delta R.T. -0.02 min  
Lab File: BF094860.D  
Acq: 4 May 2017 5:05

Instrument :  
BNA\_F  
ClientSampleId :  
TP6-COMP(0.5-5FT)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 16.6  | 24.8# |
| 279     | 30.0  | 19.3  | 28.9# |

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#91  
Benzo(g,h,i)perylene  
Concen: 16.83 ng  
RT: 21.97 min Scan# 3406  
Delta R.T. -0.01 min  
Lab File: BF094860.D  
Acq: 4 May 2017 5:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 18.6  | 28.0  |
| 138     | 29.8  | 25.4  | 38.0  |

