

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\  
 Data File : BF101115.D  
 Acq On : 5 Dec 2017 11:06  
 Operator : SJ/JU  
 Sample : I6696-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-TP-BANK-1

Manual Integrations  
 APPROVED

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 12/6/2017 5:12:13 PM

Quant Time: Dec 05 13:07:48 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 13:07:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|---------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 59023    | 20.00   | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.14  | 136  | 216353   | 20.00   | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.89  | 164  | 110080   | 20.00   | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.39 | 188  | 195285   | 20.00   | ng    | 0.01        |
| 75) Chrysene-d12            | 14.03 | 240  | 119727   | 20.00   | ng    | 0.01        |
| 86) Perylene-d12            | 15.50 | 264  | 123294   | 20.00   | ng    | 0.01        |
| System Monitoring Compounds |       |      |          |         |       |             |
| 5) 2-Fluorophenol           | 5.47  | 112  | 335070   | 93.81   | ng    | 0.01        |
| 7) Phenol-d6                | 6.49  | 99   | 399670   | 92.16   | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 241045   | 66.46   | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 108786   | 82.27   | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 479189   | 59.56   | ng    | 0.00        |
| 78) Terphenyl-d14           | 12.97 | 244  | 446652   | 81.60   | ng    | 0.00        |
| Target Compounds            |       |      |          |         |       |             |
| 10) Phenol                  | 6.49  | 94   | 12803    | 2.655   | ng    | Qvalue # 65 |
| 31) Naphthalene             | 8.17  | 128  | 3485222  | 326.852 | ng    | 98          |
| 37) 2-Methylnaphthalene     | 8.86  | 142  | 1044757  | 144.198 | ng    | 97          |
| 45) 1,1'-Biphenyl           | 9.31  | 154  | 450250   | 44.643  | ng    | 98          |
| 48) Acenaphthylene          | 9.75  | 152  | 238074   | 20.226  | ng    | # 96        |
| 49) Dimethylphthalate       | 9.60  | 163  | 60631    | 6.830   | ng    | 99          |
| 51) Acenaphthene            | 9.94  | 154  | 1112962  | 157.905 | ng    | 99          |
| 54) Dibenzofuran            | 10.09 | 168  | 75131    | 7.397   | ng    | # 92        |
| 57) Fluorene                | 10.45 | 166  | 713385   | 86.398  | ng    | 98          |
| 70) Phenanthrene            | 11.44 | 178  | 3296808  | 306.558 | ng    | 99          |
| 71) Anthracene              | 11.47 | 178  | 1020220  | 93.734  | ng    | 99          |
| 74) Fluoranthene            | 12.62 | 202  | 1640616  | 137.625 | ng    | 97          |
| 77) Pvrene                  | 12.86 | 202  | 2231909  | 270.157 | ng    | 98          |
| 80) Benzo(a)anthracene      | 14.02 | 228  | 703228m  | 93.027  | ng    |             |
| 82) Chrysene                | 14.06 | 228  | 540966   | 77.055  | ng    | 100         |
| 85) Indeno(1,2,3-cd)pyrene  | 17.00 | 276  | 253607   | 40.632  | ng    | # 87        |
| 87) Benzo(b)fluoranthene    | 15.08 | 252  | 452432m  | 61.264  | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.10 | 252  | 147693m  | 20.299  | ng    |             |
| 89) Benzo(a)pvrene          | 15.45 | 252  | 528546   | 78.724  | ng    | 99          |
| 90) Dibenzo(a,h)anthracene  | 17.00 | 278  | 59869m   | 10.115  | ng    |             |
| 91) Benzo(g,h,i)perylene    | 17.46 | 276  | 303237m  | 54.362  | ng    |             |

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

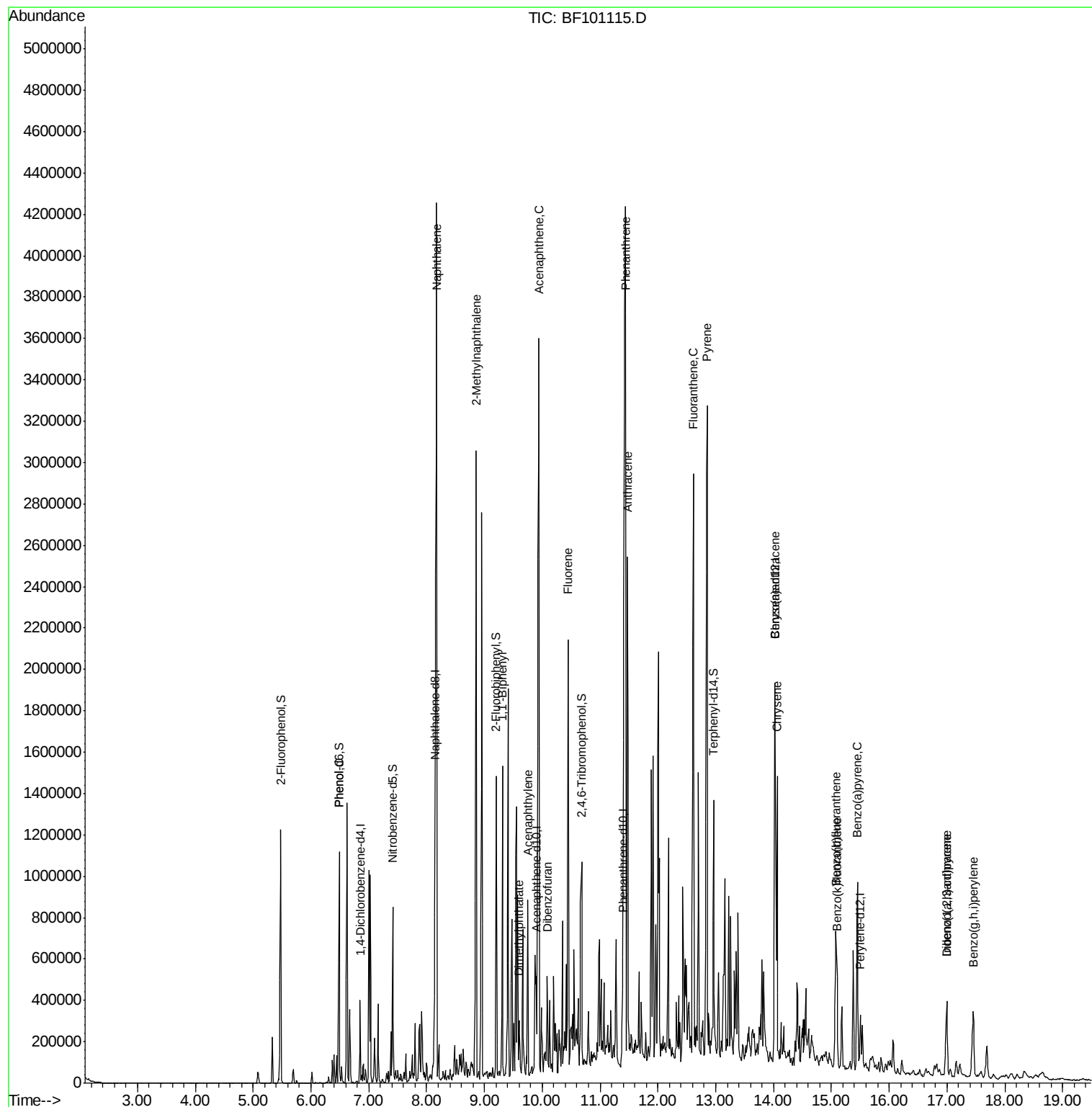
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\  
Data File : BF101115.D  
Acq On : 5 Dec 2017 11:06  
Operator : SJ/JU  
Sample : I6696-04  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

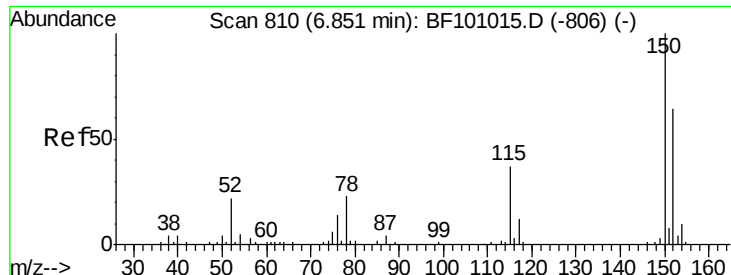
Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

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Quant Time: Dec 05 13:07:48 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 04 13:07:49 2017  
Response via : Initial Calibration





#1

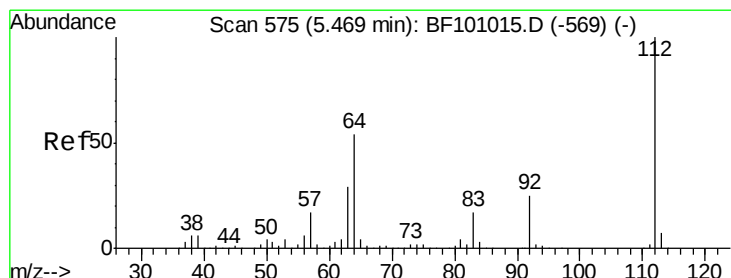
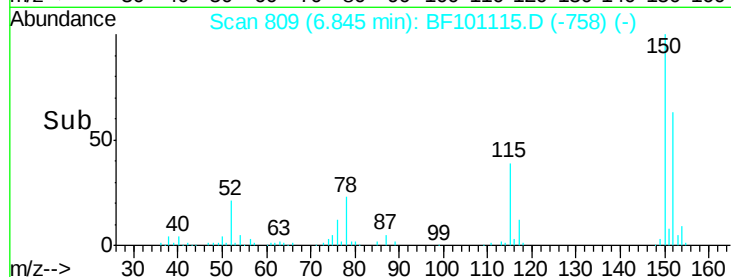
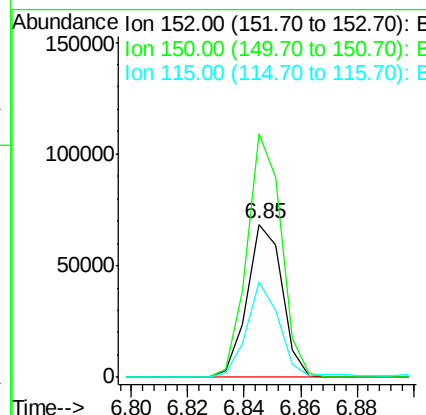
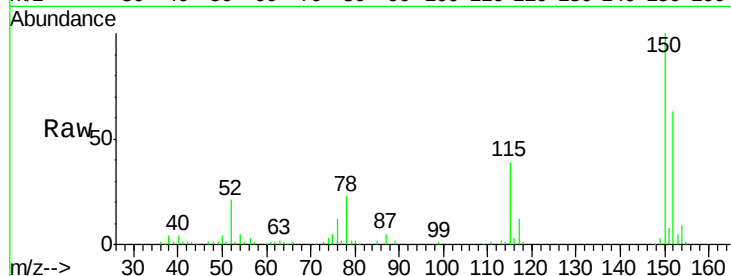
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.8 | 124.6 | 186.8 |
| 115     | 61.7  | 50.1  | 75.1  |

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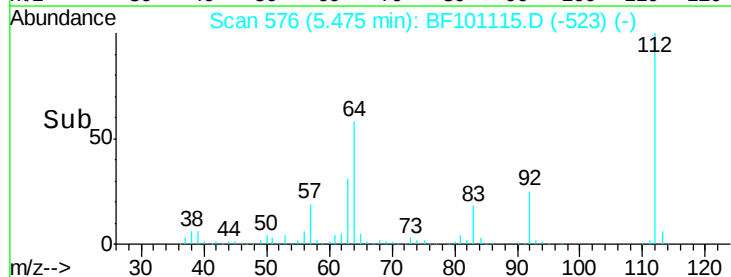
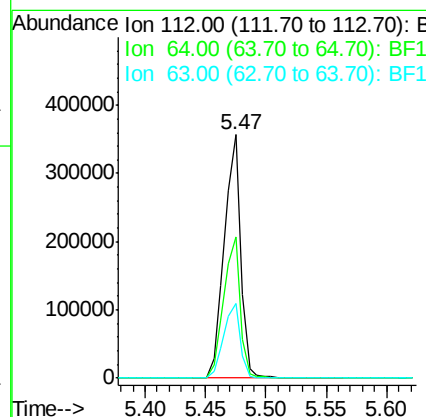
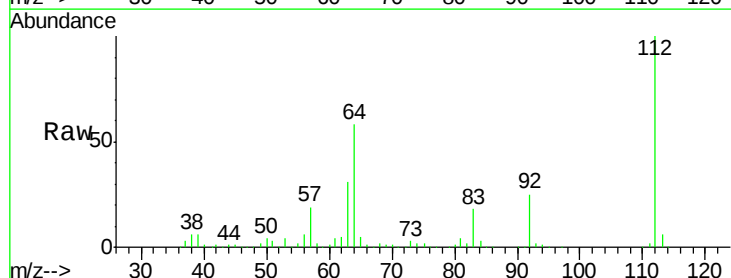
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#5

2-Fluorophenol  
Concen: 93.808 ng  
RT: 5.47 min Scan# 576  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.0  | 47.9  | 71.9  |
| 63      | 30.7  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 92.162 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

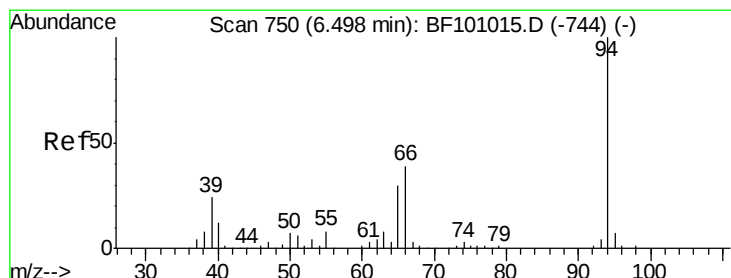
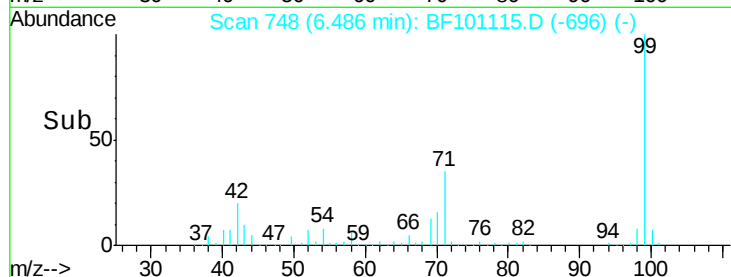
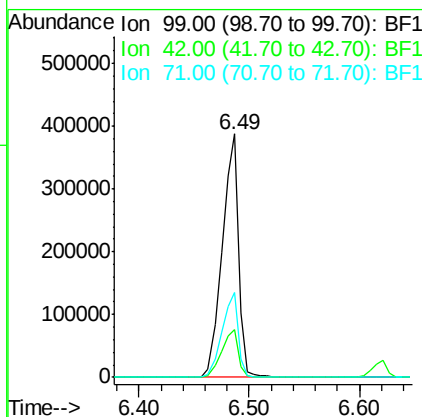
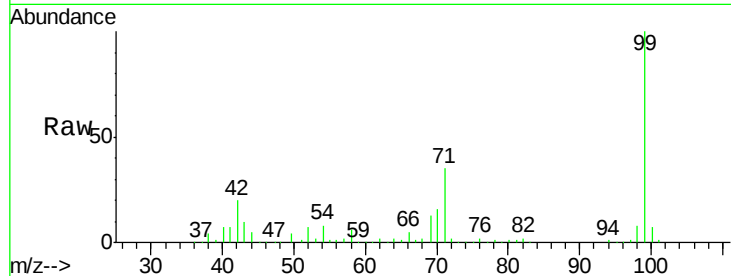
ClientSampleId :

CS-TP-BANK-1

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 399670 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.8  | 14.5  | 21.7   |
| 71        | 34.9  | 25.4  | 38.0   |

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#10

Phenol

Concen: 2.655 ng

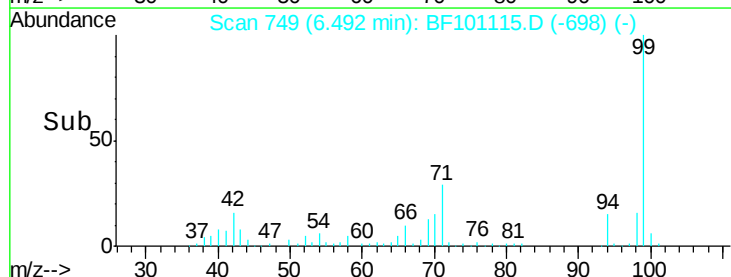
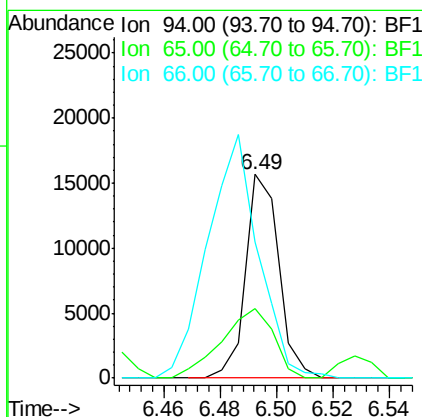
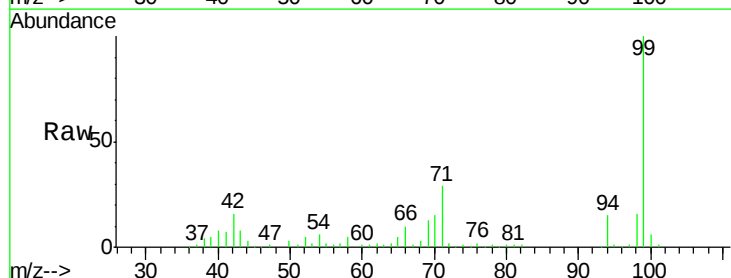
RT: 6.49 min Scan# 749

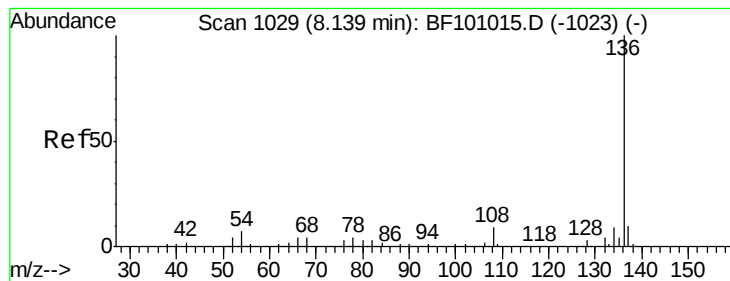
Delta R.T. 0.00 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 12803 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 34.3  | 7.9   | 47.9  |
| 66        | 67.1  | 16.2  | 56.2# |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

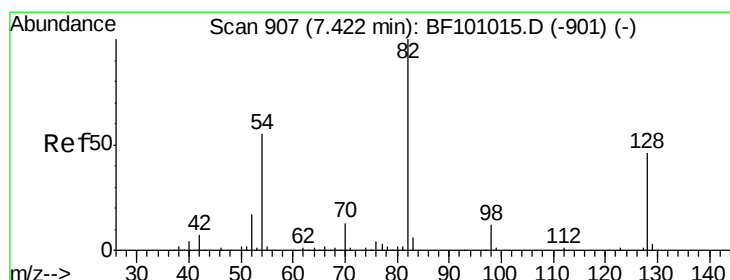
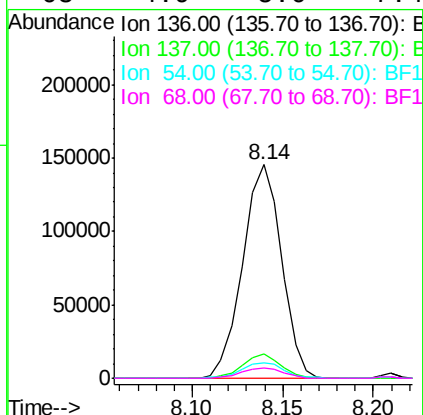
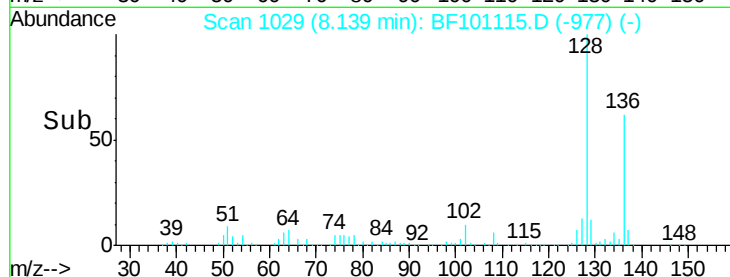
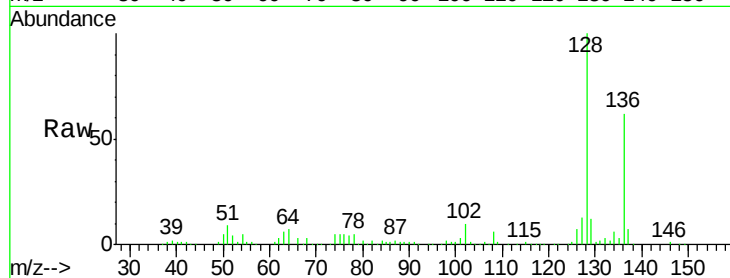
ClientSampleId :

CS-TP-BANK-1

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 216353 |       |       |
| 137     | 11.7 |       | 8.9    | 13.3  |       |
| 54      | 7.4  |       | 6.6    | 9.8   |       |
| 68      | 4.9  |       | 5.0    | 7.4   |       |

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#23

Nitrobenzene-d5

Concen: 66.461 ng

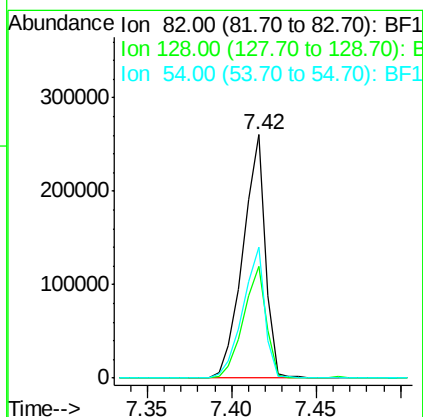
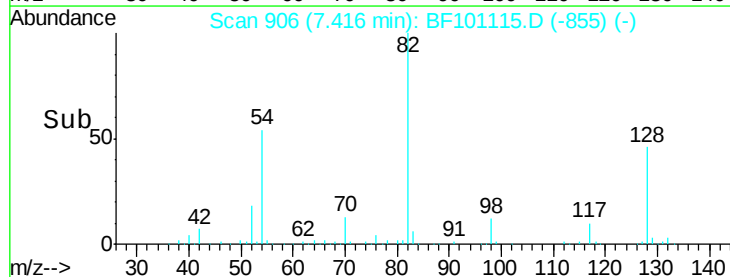
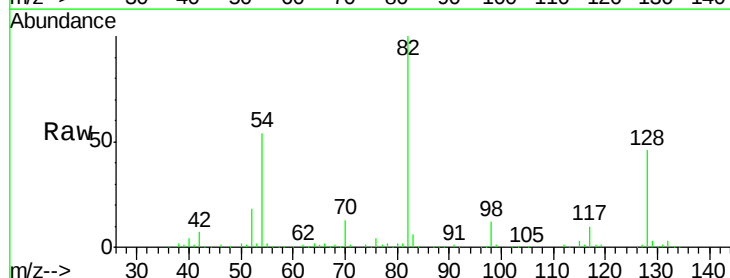
RT: 7.42 min Scan# 906

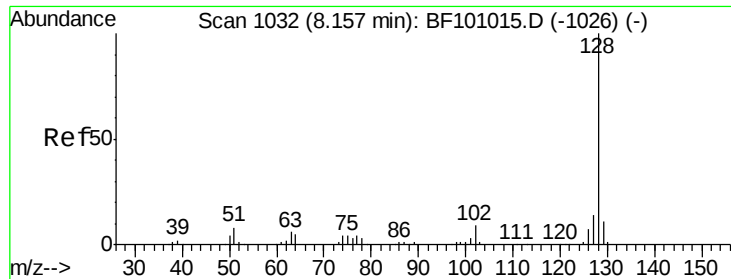
Delta R.T. 0.00 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 82      | 100  |       | 241045 |       |       |
| 128     | 46.1 |       | 36.1   | 54.1  |       |
| 54      | 53.7 |       | 41.4   | 62.2  |       |





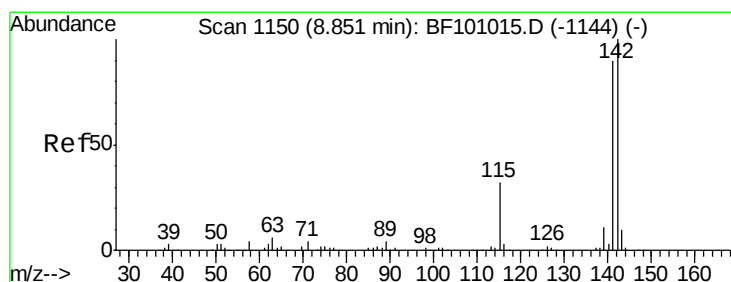
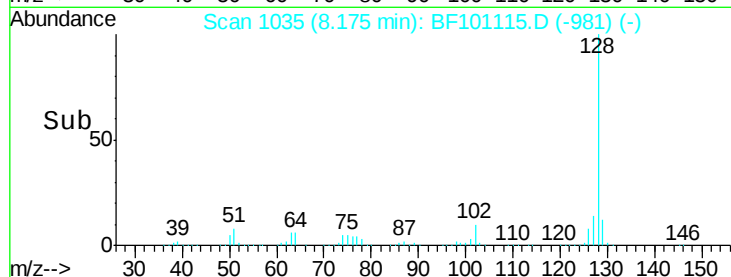
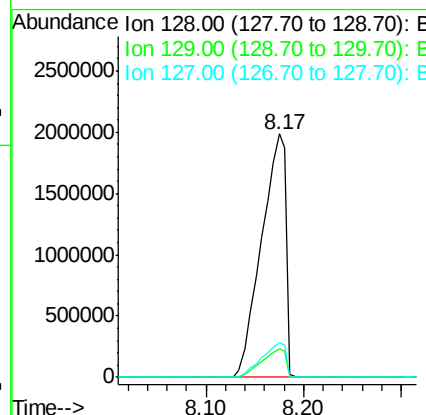
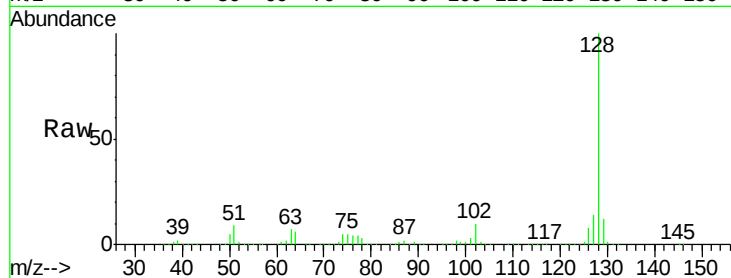
#31  
Naphthalene  
Concen: 326.852 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.02 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

Tot Ion:128 Resp: 3485222  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 14.3 10.9 16.3

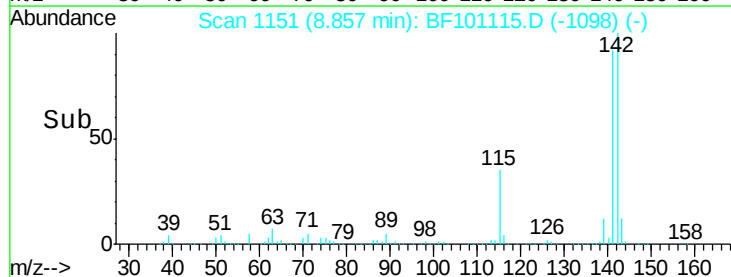
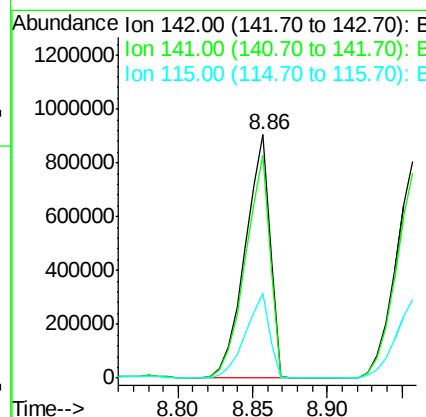
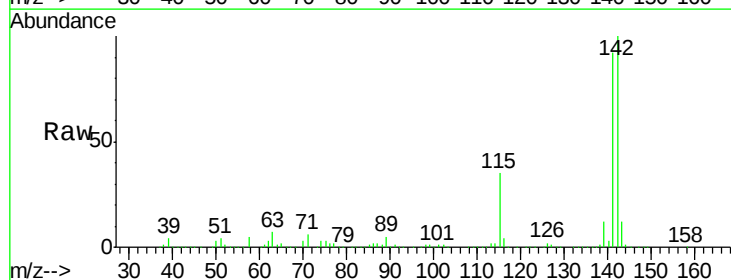
Manual Integrations  
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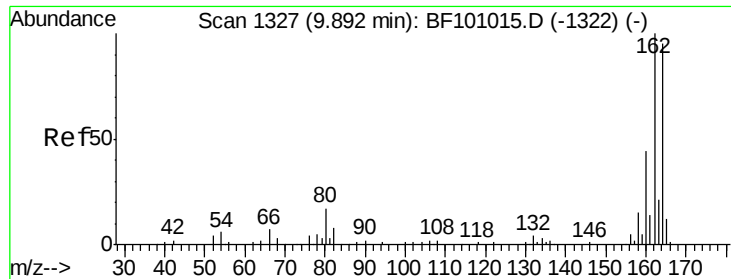
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#37  
2-Methylnaphthalene  
Concen: 144.198 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Tgt Ion:142 Resp: 1044757  
Ion Ratio Lower Upper  
142 100  
141 91.5 70.8 106.2  
115 34.7 26.1 39.1





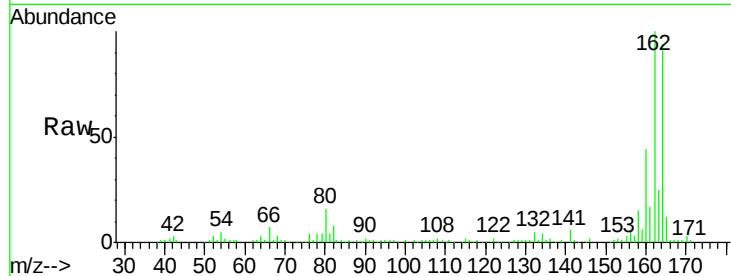
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Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

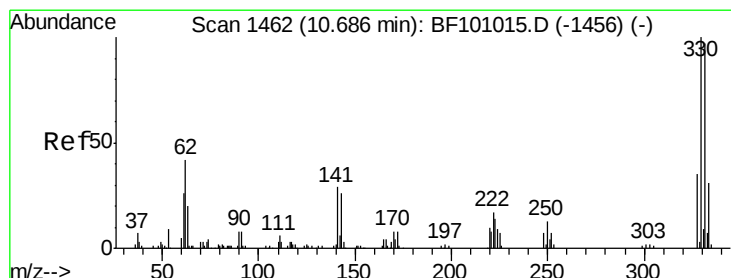
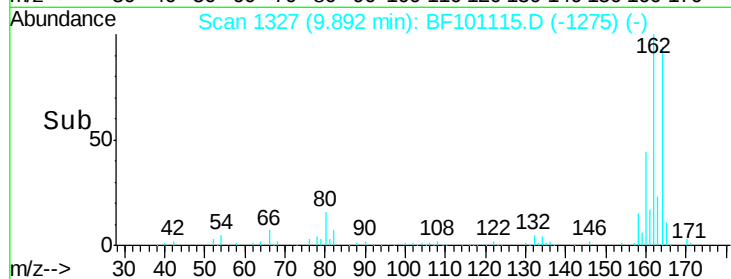
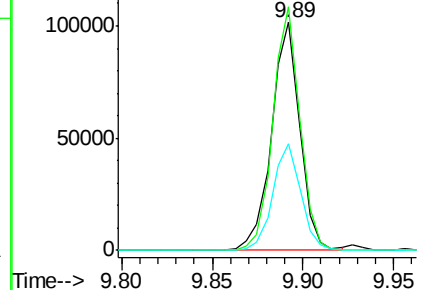
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 106.9 | 86.1 | 129.1 |       |
| 160     | 46.8  | 38.3 | 57.5  |       |

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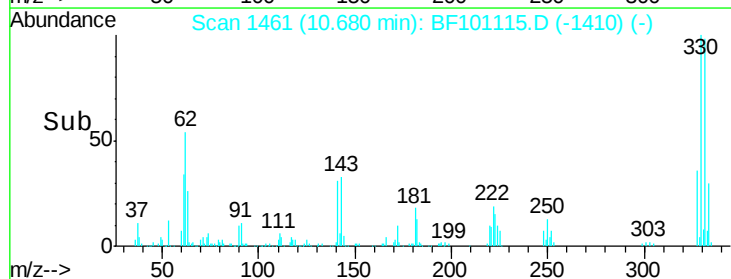
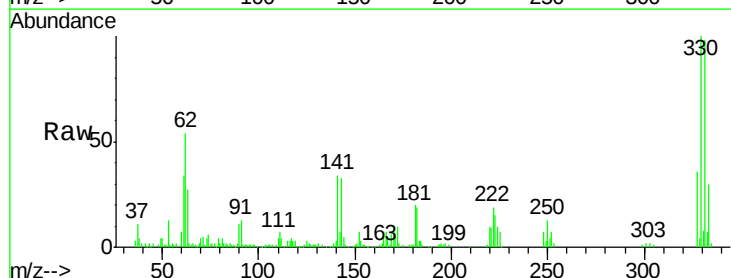
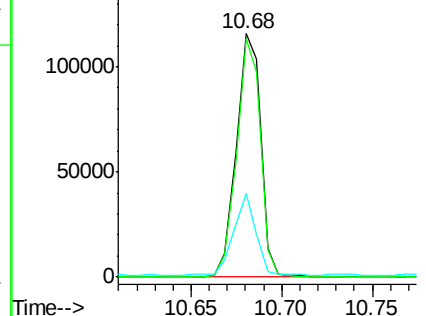
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Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

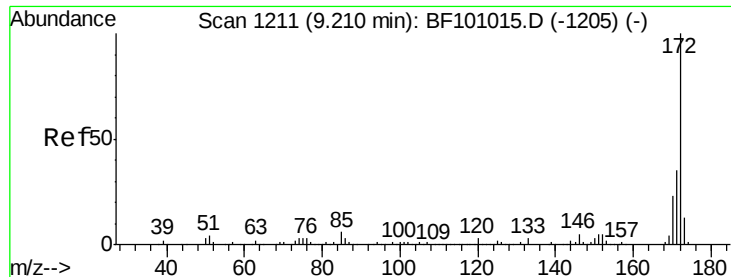


#41  
2,4,6-Tribromophenol  
Concen: 82.266 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. 0.00 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 94.9  | 77.0 | 115.6 |       |
| 141     | 31.9  | 29.9 | 44.9  |       |

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





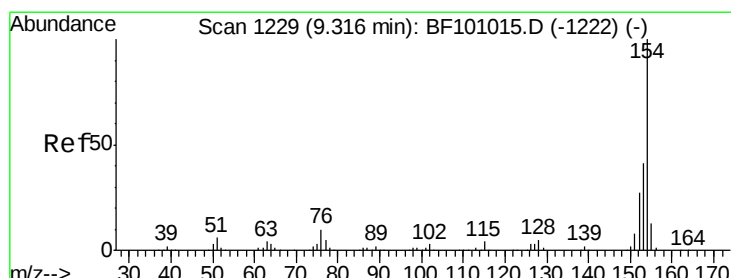
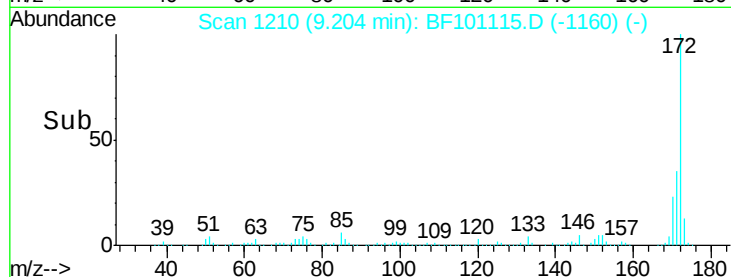
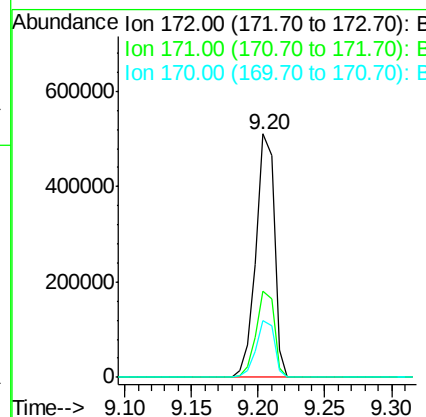
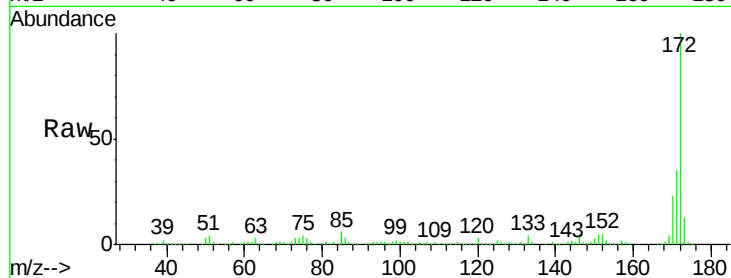
#44  
2-Fluorobiphenyl  
Concen: 59.559 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.7  | 44.5  |
| 170     | 23.3  | 19.6  | 29.4  |

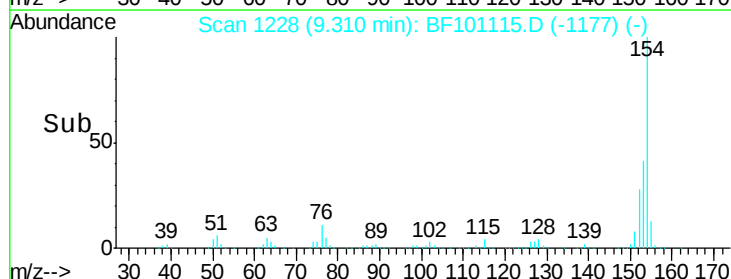
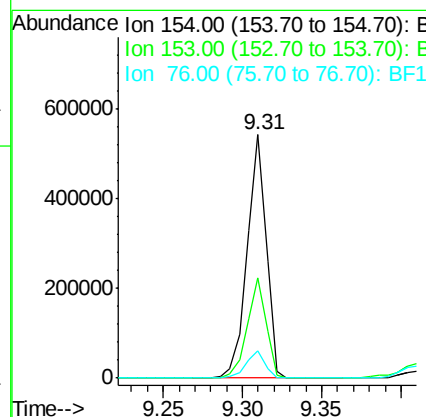
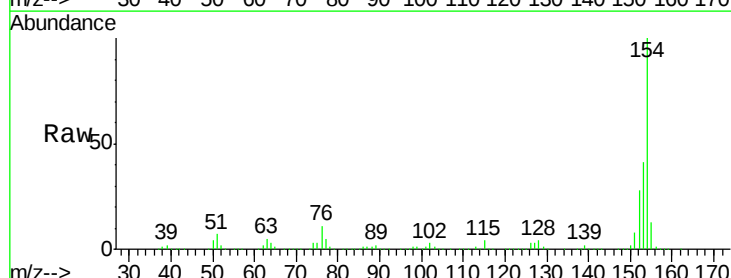
Manual Integrations  
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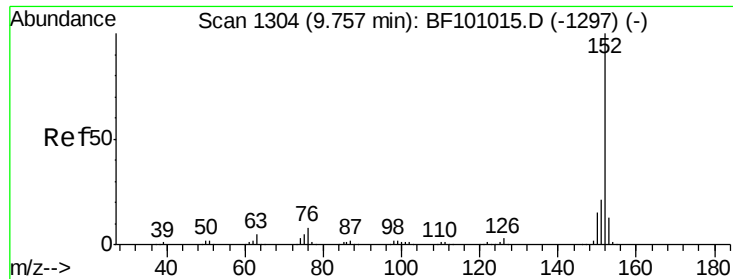
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#45  
1,1'-Biphenyl  
Concen: 44.643 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.3  | 61.3  |
| 76      | 11.4  | 0.0   | 34.0  |





#48

Acenaphthylene

Concen: 20.226 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

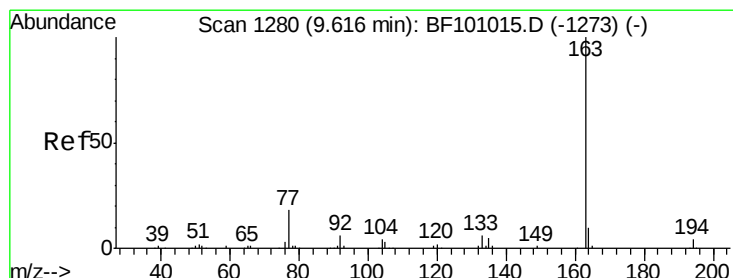
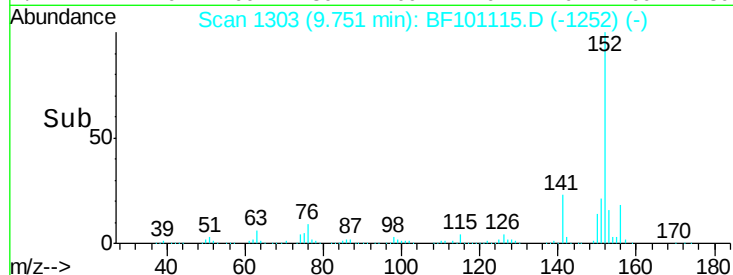
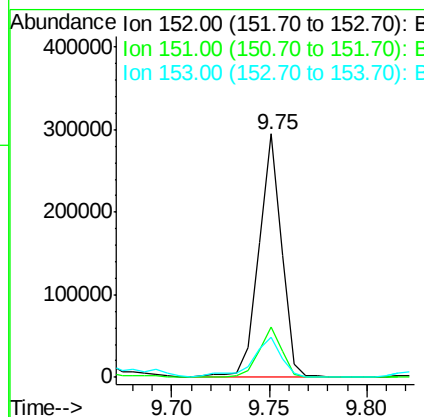
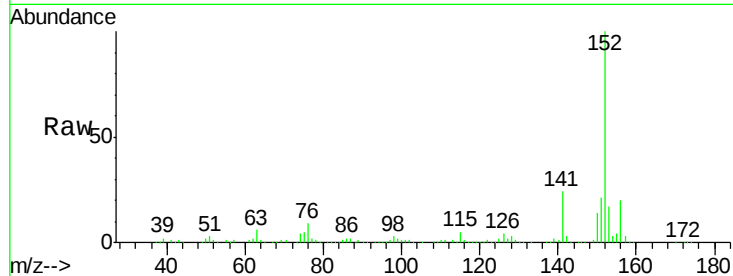
ClientSampleId :

CS-TP-BANK-1

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 238074 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.7  | 16.3  | 24.5   |
| 153       | 16.7  | 10.7  | 16.1#  |

Manual Integrations  
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Sohil  
12/6/2017 5:12:13 PM



#49

Dimethylphthalate

Concen: 6.830 ng

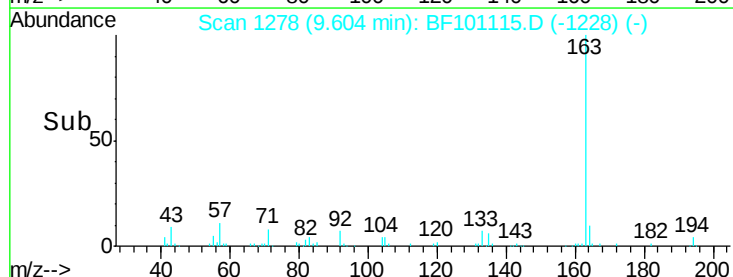
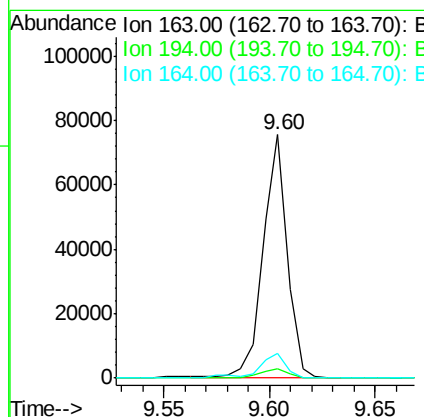
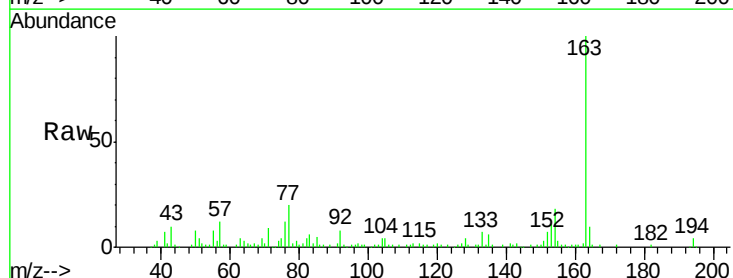
RT: 9.60 min Scan# 1278

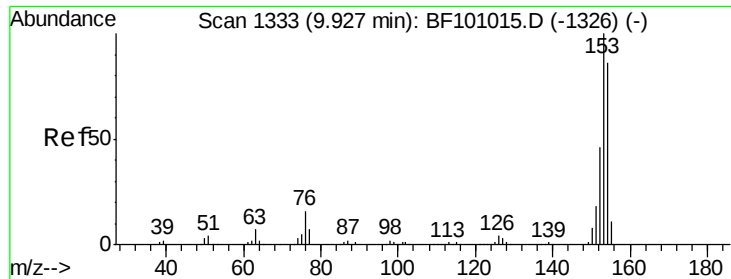
Delta R.T. -0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 60631 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.7   | 2.7   | 4.1   |
| 164       | 10.0  | 8.2   | 12.2  |





#51

Acenaphthene

Concen: 157.905 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

ClientSampleId :

CS-TP-BANK-1

Tot Ion:154 Resp: 1112962

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

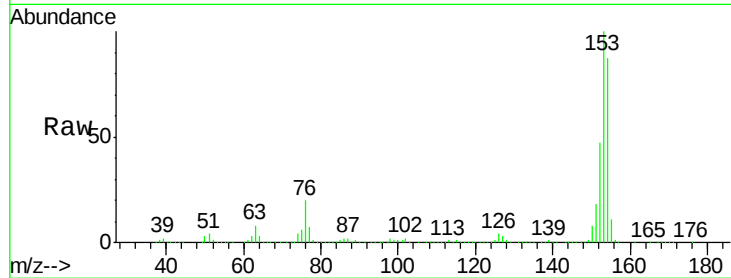
152 54.1 43.8 65.8

Manual Integrations

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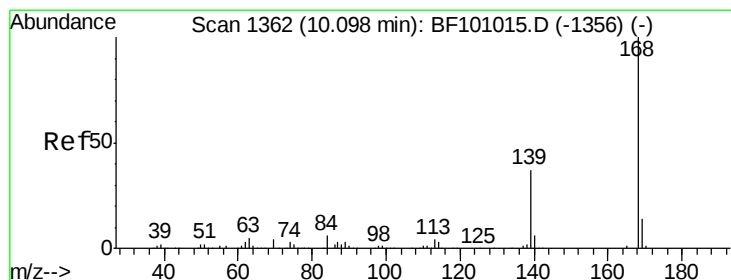
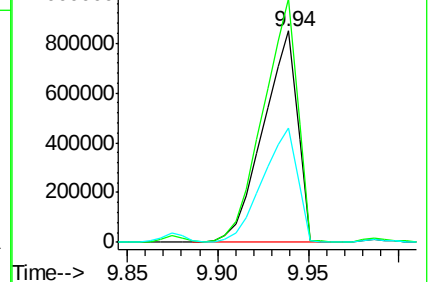
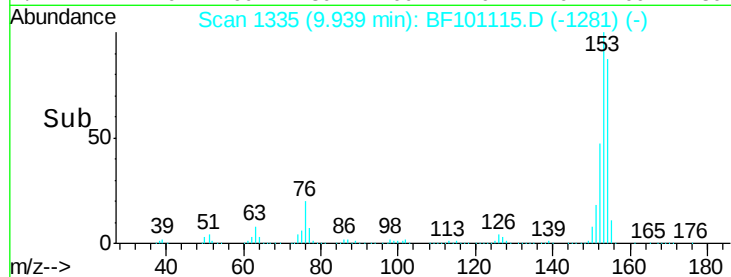
12/6/2017 5:12:13 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 7.397 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

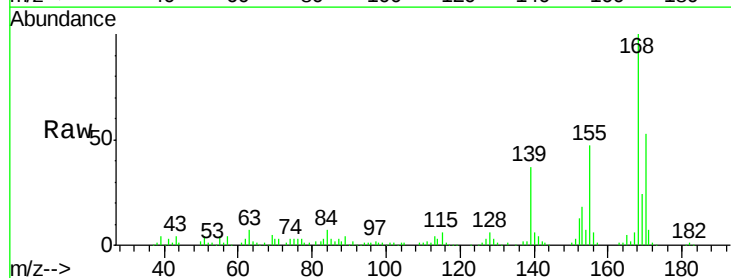
Tgt Ion:168 Resp: 75131

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

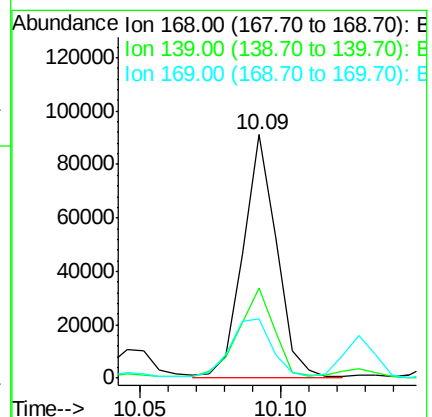
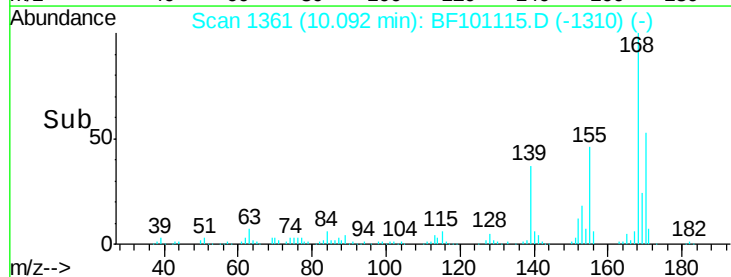
169 24.4 10.9 16.3#

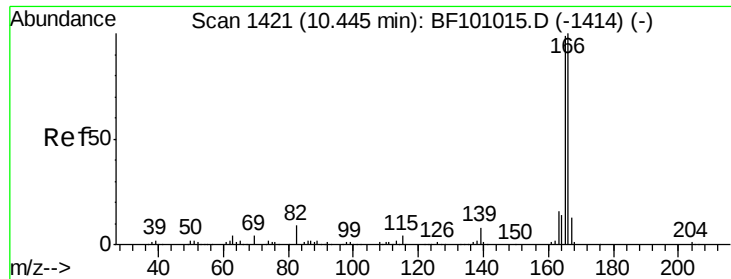


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 86.398 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

ClientSampleId :

CS-TP-BANK-1

Tot Ion:166 Resp: 713385

Ion Ratio Lower Upper

166 100

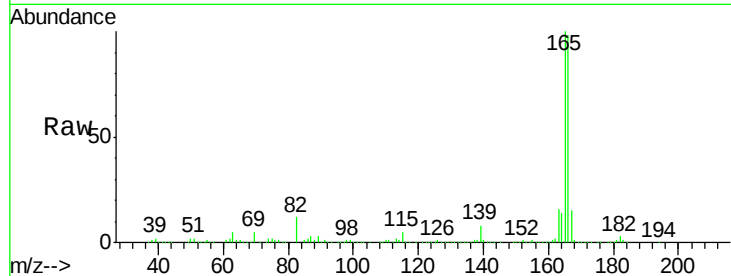
165 101.6 79.8 119.8

167 15.0 10.6 16.0

Manual Integrations  
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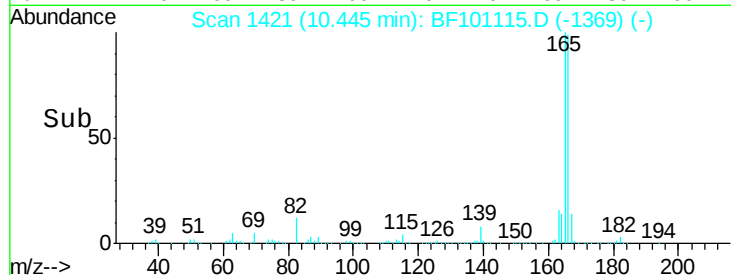


Abundance Ion 166.00 (165.70 to 166.70): E

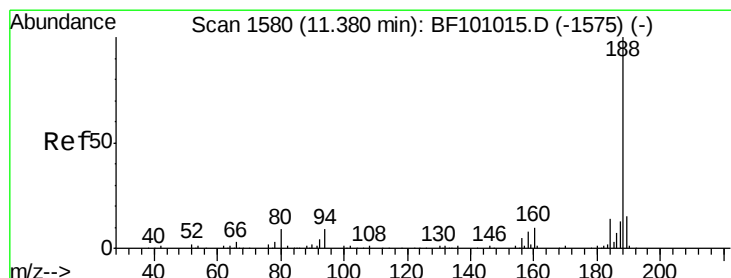
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.45



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

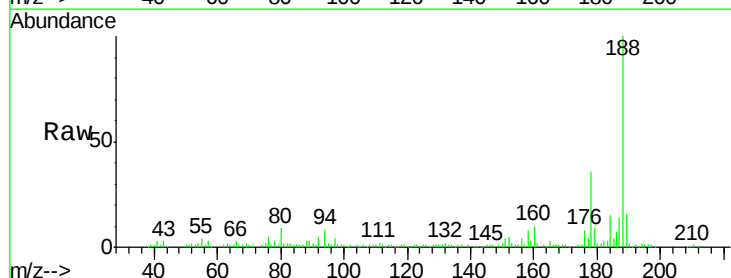
Tgt Ion:188 Resp: 195285

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

80 9.2 9.2 13.8#

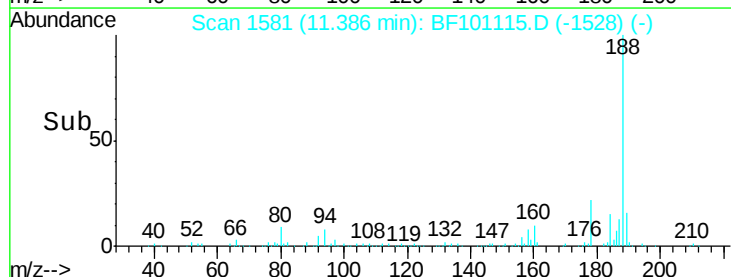


Abundance Ion 188.00 (187.70 to 188.70): E

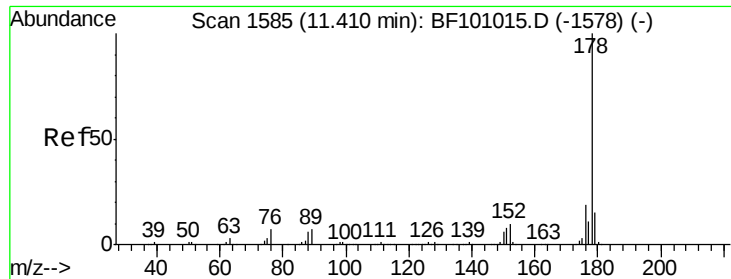
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.39



Time-->



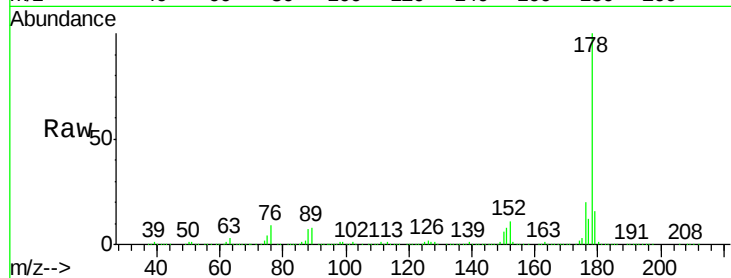
#70  
Phenanthrene  
Concen: 306.558 ng  
RT: 11.44 min Scan# 1590  
Delta R.T. 0.04 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

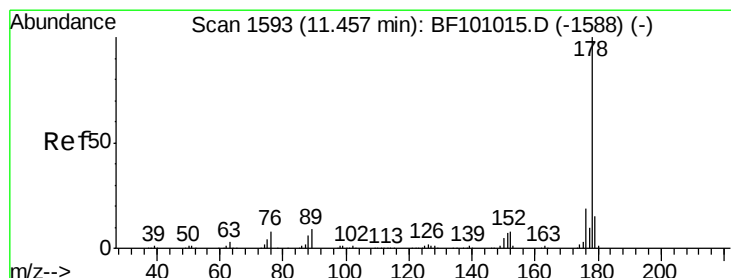
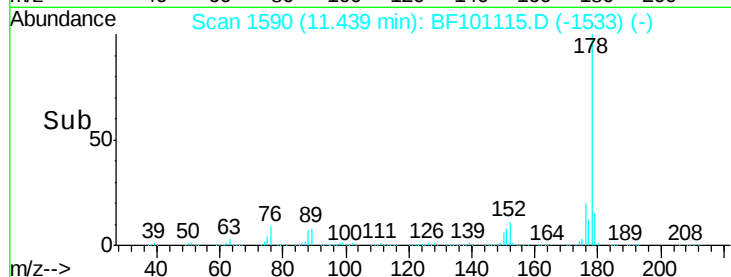
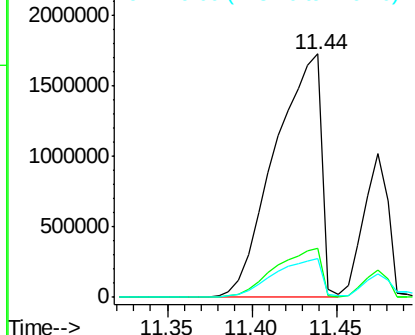
Tot Ion:178 Resp: 3296808  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.8  
179 15.8 13.0 19.6

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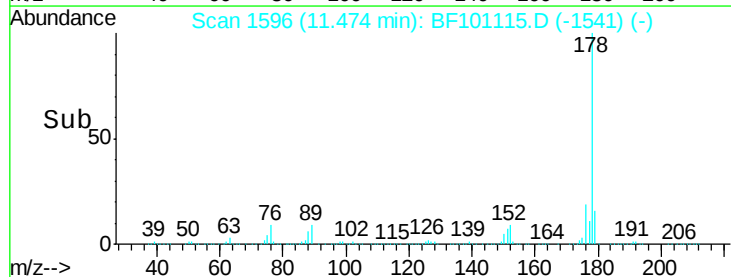
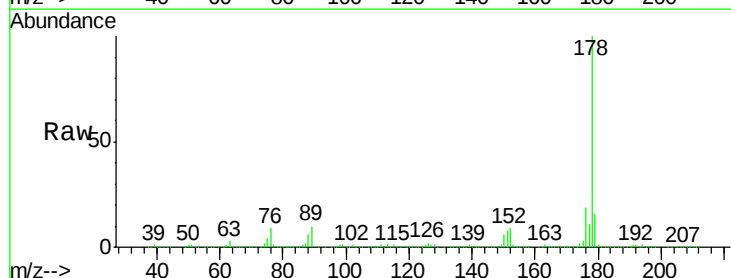
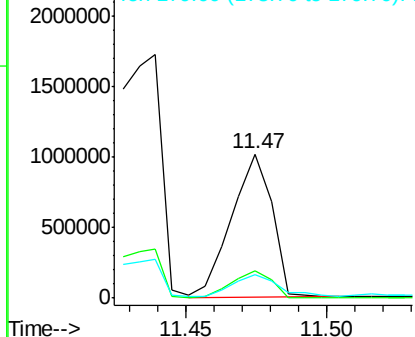
Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

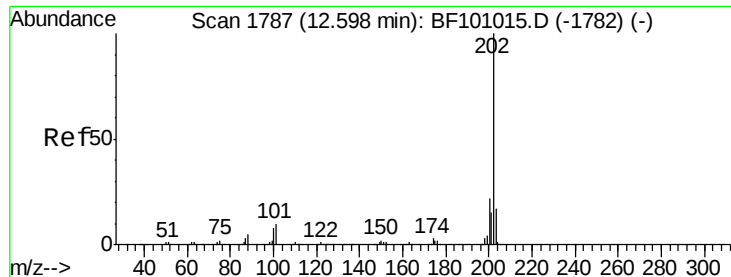


#71  
Anthracene  
Concen: 93.734 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. 0.02 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Tgt Ion:178 Resp: 1020220  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 16.3 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





#74

Fluoranthene

Concen: 137.625 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

ClientSampleId :

CS-TP-BANK-1

Tot Ion:202 Resp: 1640616

Ion Ratio Lower Upper

202 100

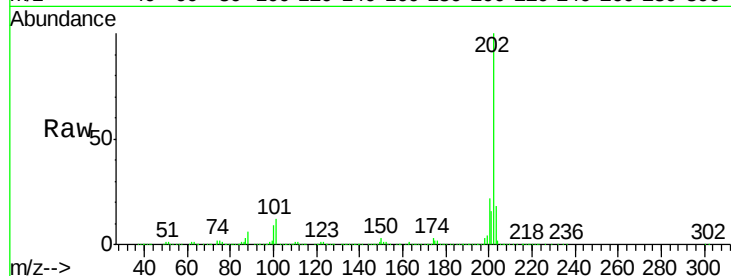
101 12.1 0.0 34.1

203 17.7 0.0 38.1

Manual Integrations  
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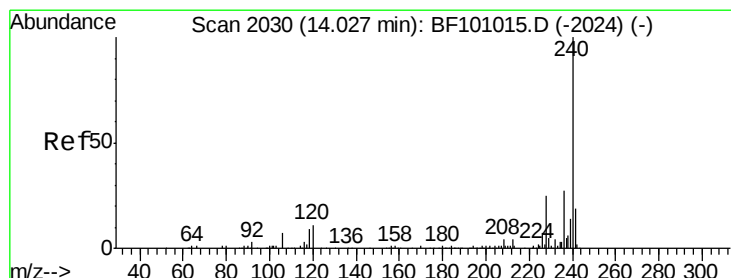
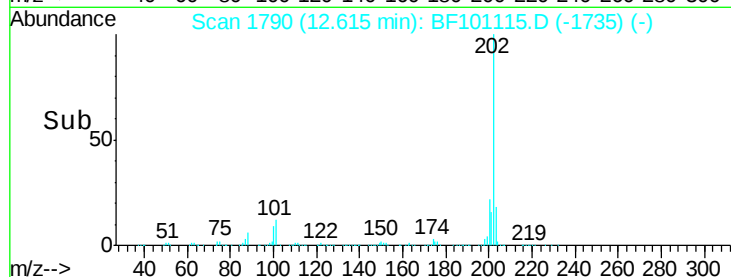
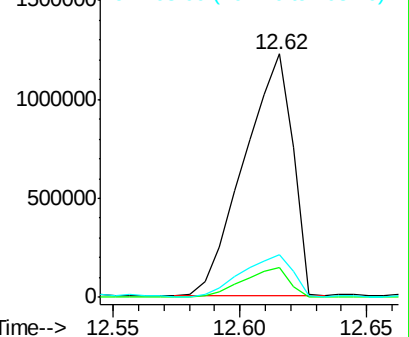
12/6/2017 5:12:13 PM



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: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

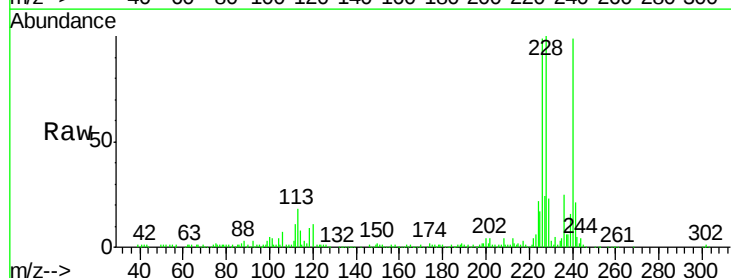
Tgt Ion:240 Resp: 119727

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

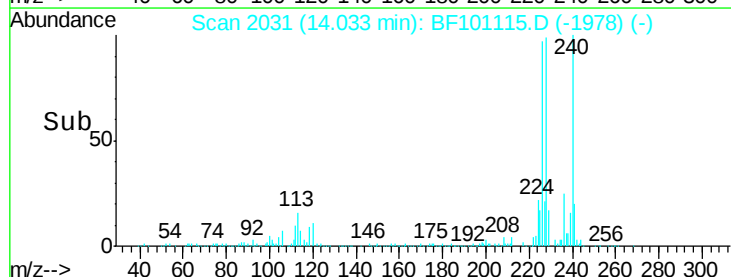
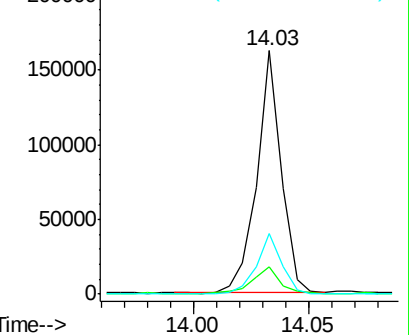
236 24.9 20.7 31.1

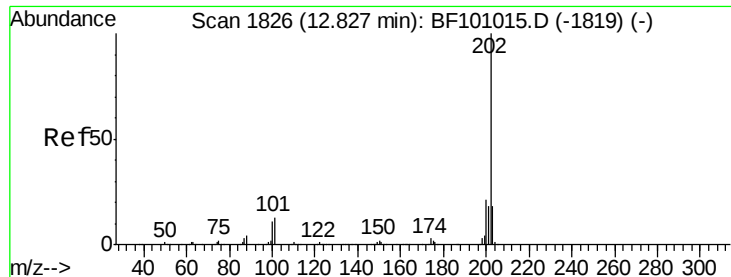


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 270.157 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.04 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

Instrument :

BNA\_F

ClientSampleId :

CS-TP-BANK-1

Tot Ion:202 Resp: 2231909

Ion Ratio Lower Upper

202 100

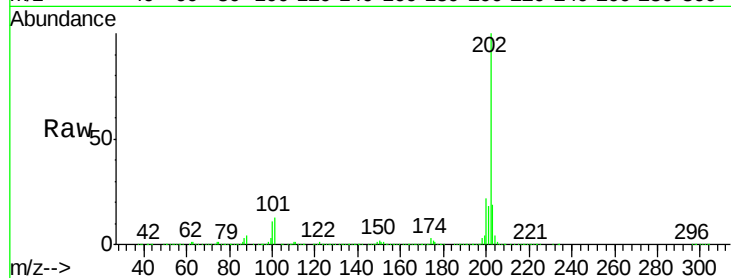
200 21.6 17.4 26.2

203 19.2 14.3 21.5

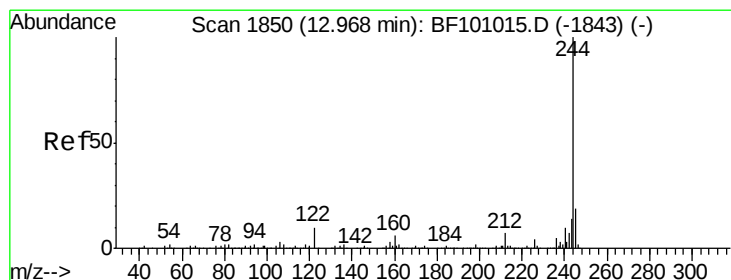
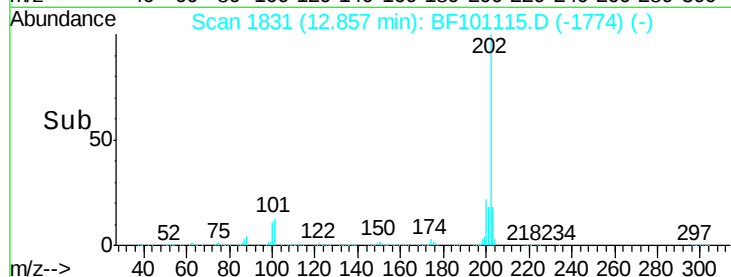
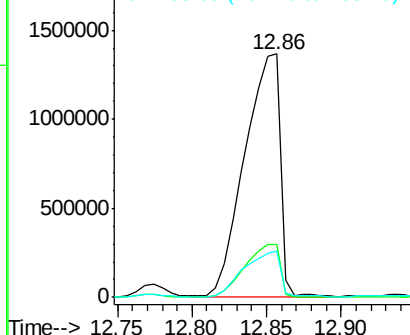
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.598 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

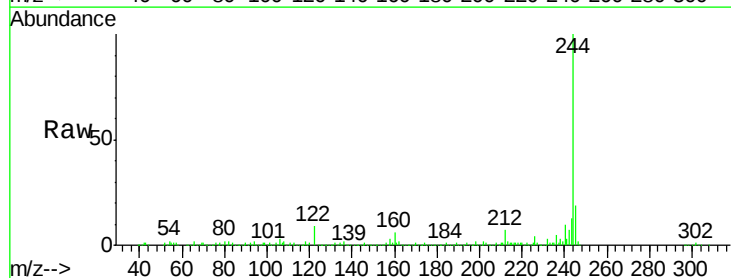
Tgt Ion:244 Resp: 446652

Ion Ratio Lower Upper

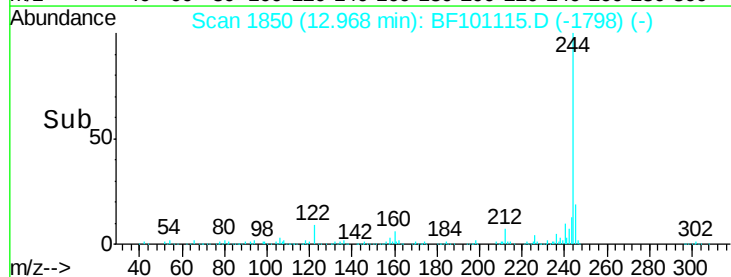
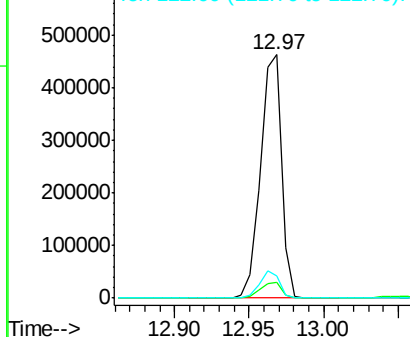
244 100

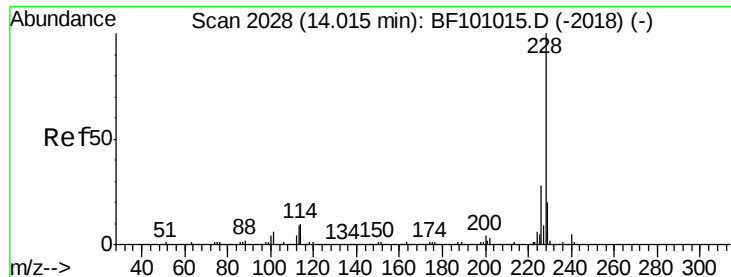
212 6.6 5.4 8.0

122 8.9 11.0 16.4#



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





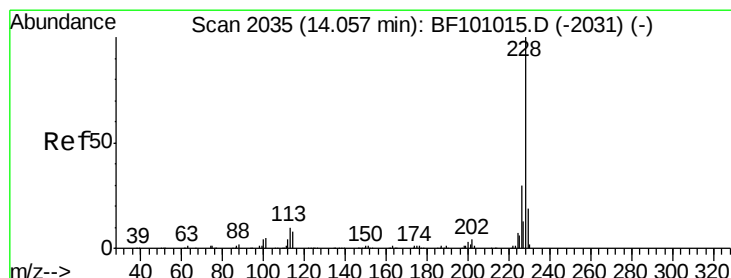
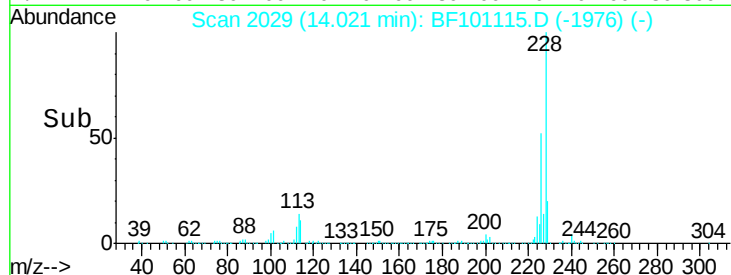
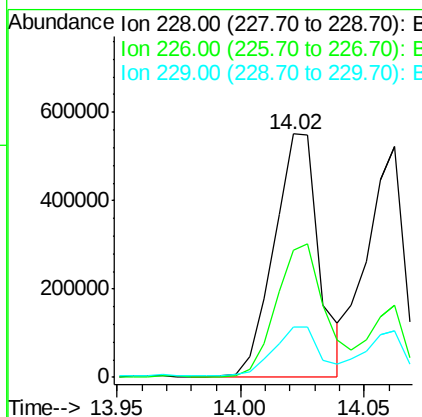
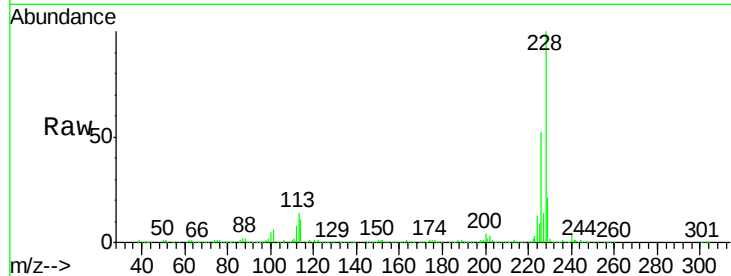
#80  
Benzo(a)anthracene  
Concen: 93.027 ng m  
RT: 14.02 min Scan# 2029  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 52.4  | 22.6  | 33.8# |
| 229     | 20.8  | 15.8  | 23.6  |

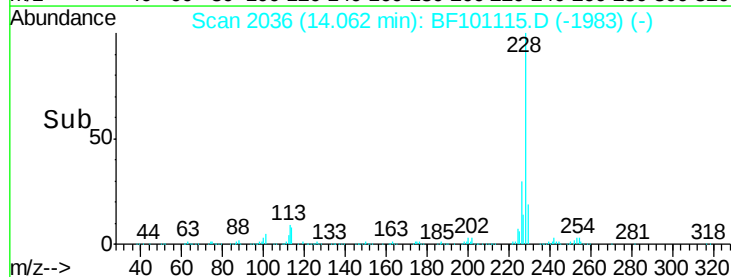
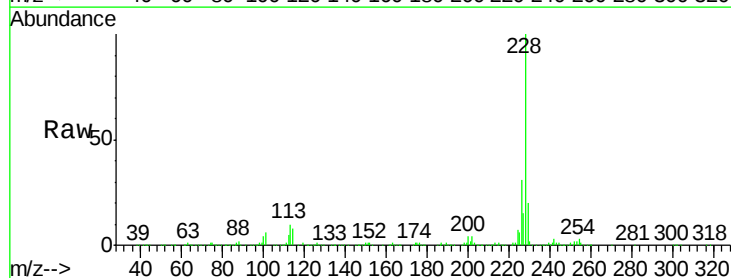
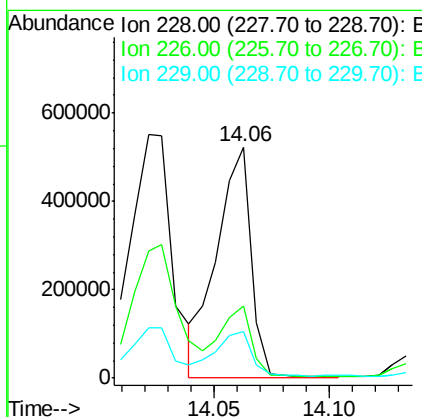
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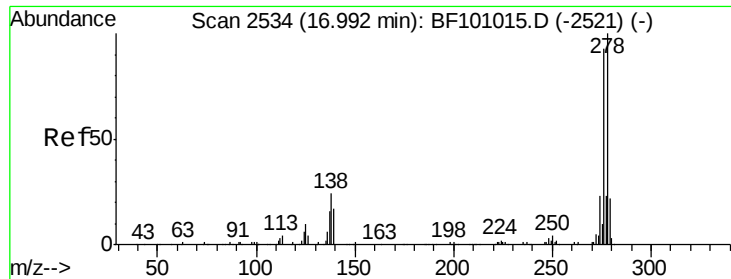
Sohil  
12/6/2017 5:12:13 PM



#82  
Chrysene  
Concen: 77.055 ng  
RT: 14.06 min Scan# 2036  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 25.0  | 37.6  |
| 229     | 20.2  | 16.2  | 24.4  |





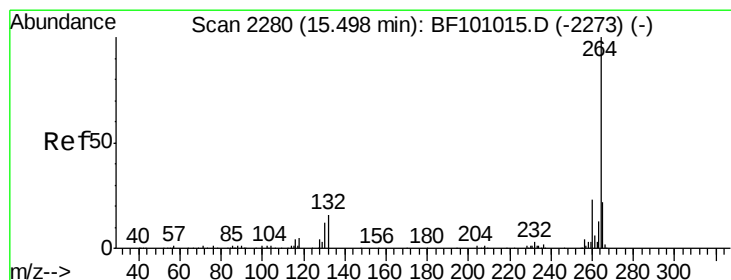
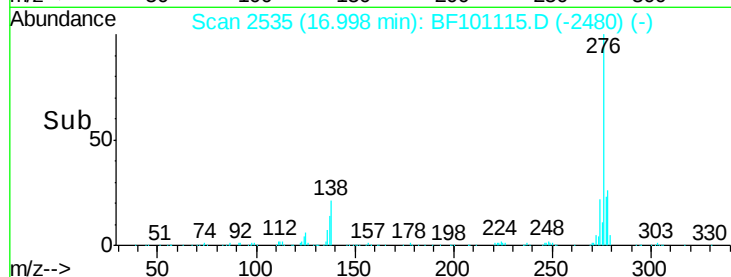
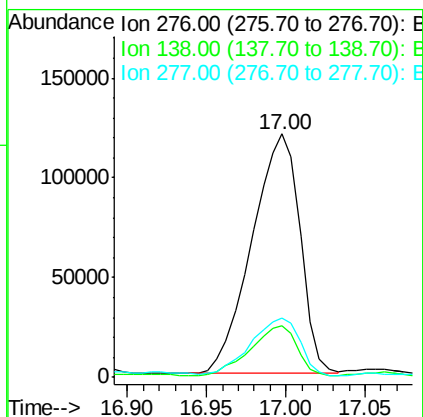
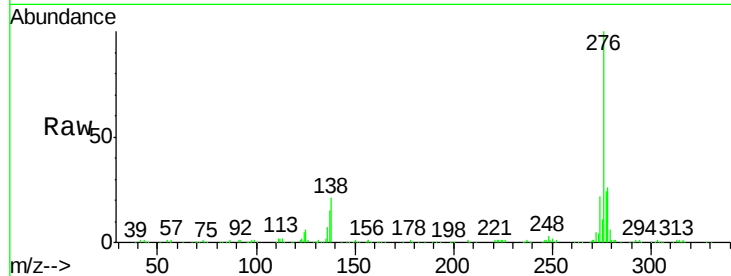
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.632 ng  
RT: 17.00 min Scan# 2535  
Delta R.T. 0.02 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 19.7  | 25.0  | 37.6# |
| 277     | 24.1  | 20.1  | 30.1  |

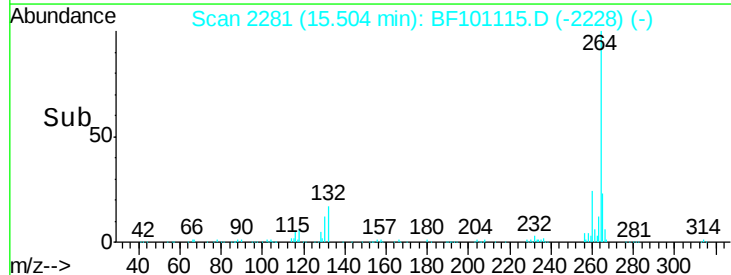
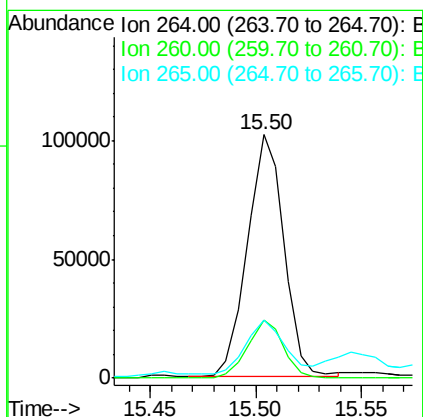
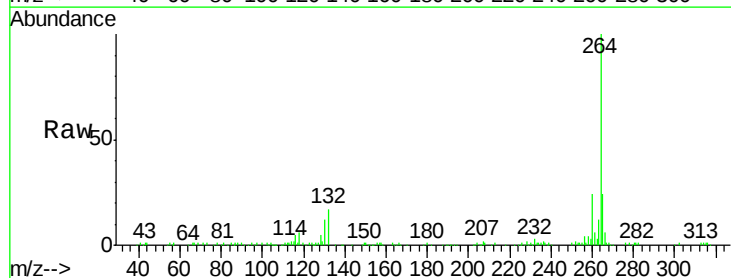
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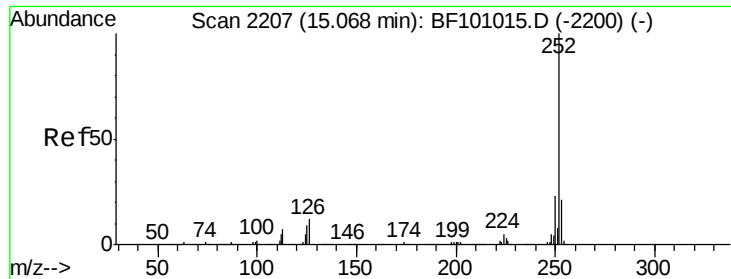
Sohil  
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 23.7  | 17.5  | 26.3  |





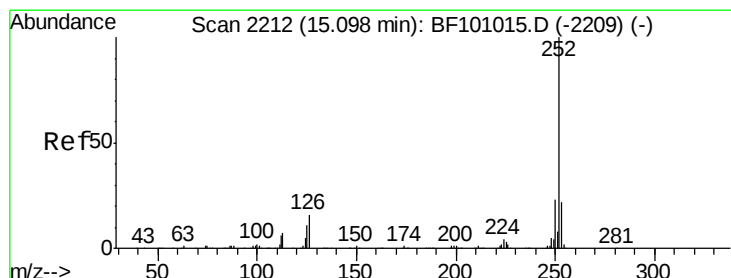
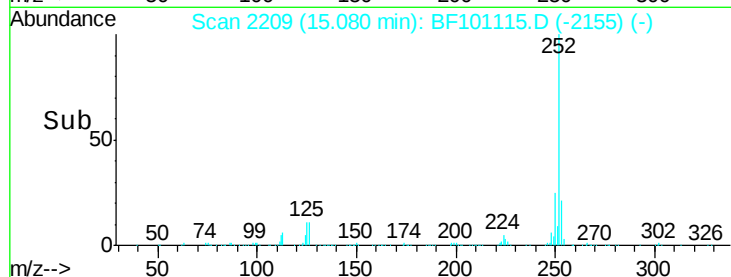
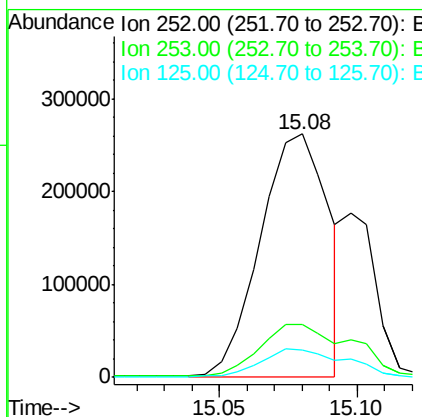
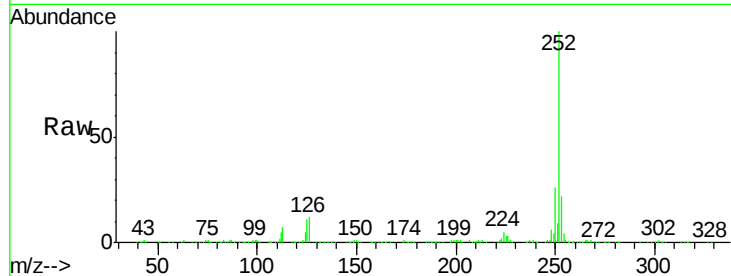
#87  
Benzo(b)fluoranthene  
Concen: 61.264 ng m  
RT: 15.08 min Scan# 2209  
Delta R.T. 0.02 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.0  | 25.6  |
| 125     | 11.3  | 9.0   | 13.6  |

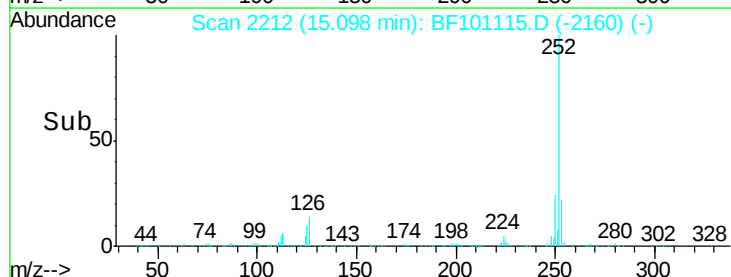
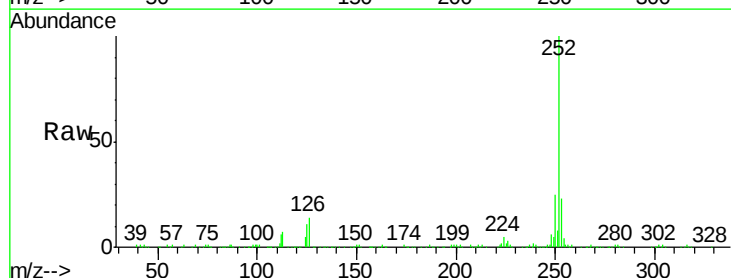
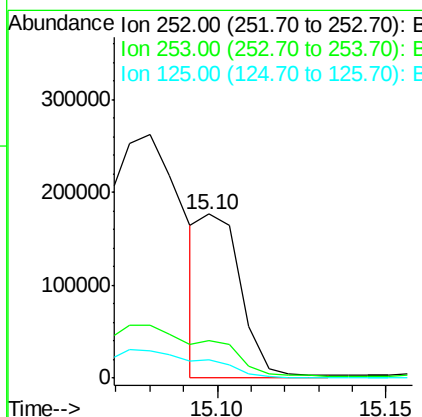
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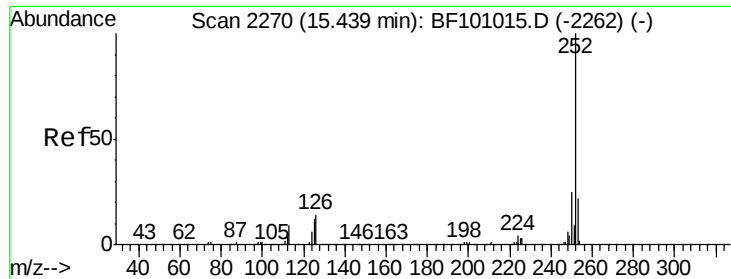
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#88  
Benzo(k)fluoranthene  
Concen: 20.299 ng m  
RT: 15.10 min Scan# 2212  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.9  | 26.9  |
| 125     | 10.9  | 10.2  | 15.2  |





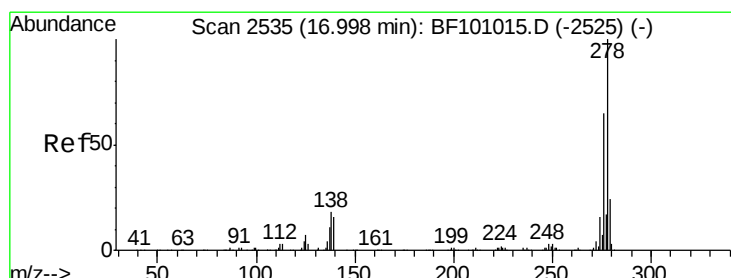
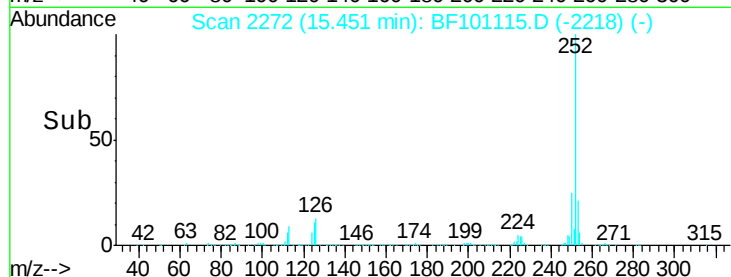
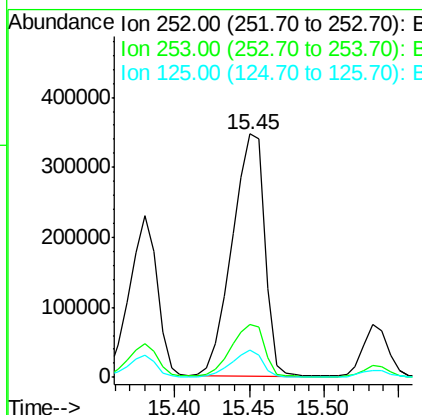
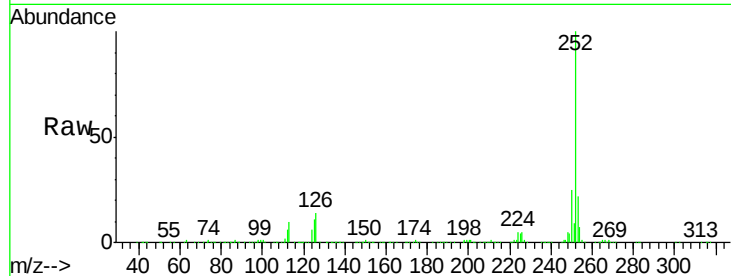
#89  
Benzo(a)pyrene  
Concen: 78.724 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.02 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

Instrument :  
BNA\_F  
ClientSampleId :  
CS-TP-BANK-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.1  | 25.7  |
| 125     | 11.2  | 9.8   | 14.6  |

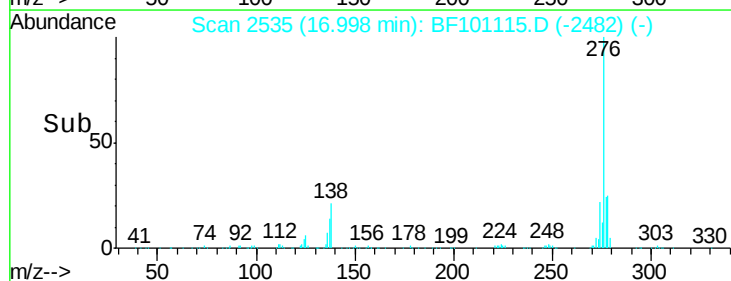
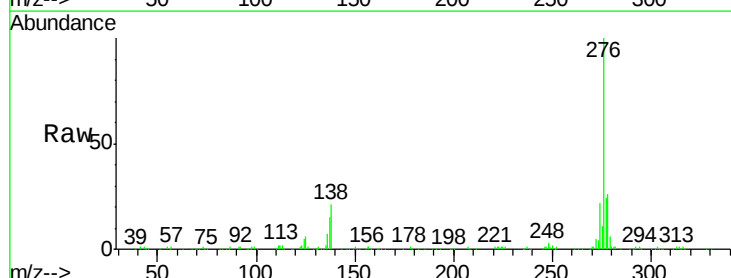
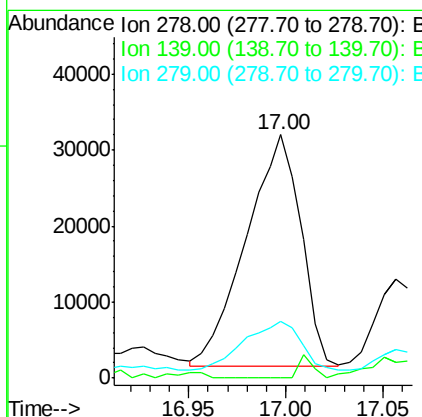
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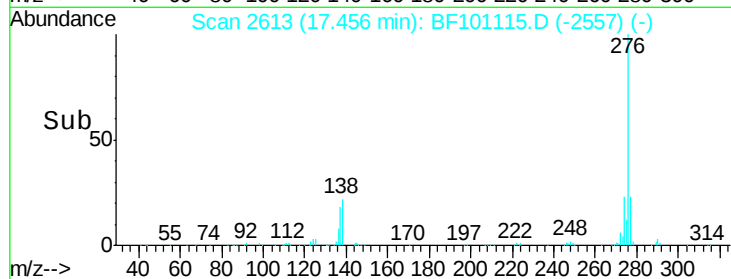
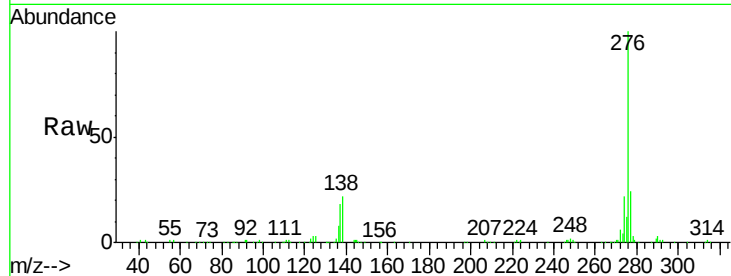
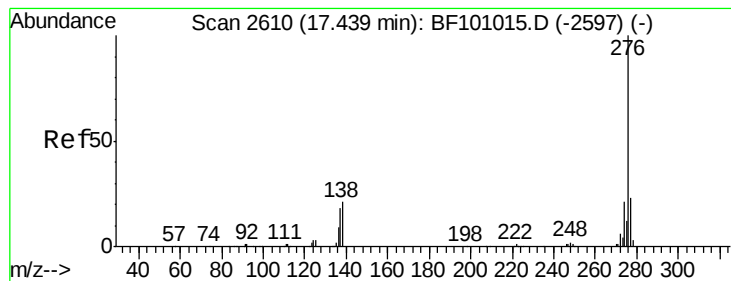
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#90  
Dibenzo(a,h)anthracene  
Concen: 10.115 ng m  
RT: 17.00 min Scan# 2535  
Delta R.T. 0.01 min  
Lab File: BF101115.D  
Acq: 5 Dec 2017 11:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 15.9  | 23.9# |
| 279     | 23.4  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 54.362 ng/ml

RT: 17.46 min Scan# 2613

Delta R.T. 0.03 min

Lab File: BF101115.D

Acq: 5 Dec 2017 11:06

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 17.9  | 26.9  |
| 138     | 21.8  | 21.8  | 32.8  |

Instrument :

BNA\_F

ClientSampleId :

CS-TP-BANK-1

Manual Integrations  
APPROVED

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