

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\  
 Data File : BF120030.D  
 Acq On : 16 Apr 2020 12:33  
 Operator : MA/SJ  
 Sample : L2230-17 5X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

Manual Integrations  
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 4/17/2020 1:48:08 PM

Quant Time: Apr 16 13:04:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 16 10:48:04 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 137250   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 503156   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.76  | 164  | 240844   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.25 | 188  | 391452   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.89 | 240  | 243684   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.32 | 264  | 254224   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.32  | 112 | 184102 | 23.18 | ng | 0.00  |
| 7) Phenol-d6                | 6.35  | 99  | 230237 | 22.50 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.28  | 82  | 141975 | 14.60 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330 | 47817  | 16.22 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.09  | 172 | 293169 | 17.28 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.84 | 244 | 213073 | 14.71 | ng | -0.01 |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 31) Naphthalene            | 8.03  | 128 | 119314  | 4.507  | ng | 99   |
| 37) 2-Methylnaphthalene    | 8.72  | 142 | 40641   | 2.264  | ng | 98   |
| 50) Dimethylphthalate      | 9.48  | 163 | 42751   | 2.295  | ng | # 98 |
| 52) Acenaphthene           | 9.80  | 154 | 78569   | 4.946  | ng | 97   |
| 55) Dibenzofuran           | 9.97  | 168 | 96447   | 4.424  | ng | 98   |
| 58) Fluorene               | 10.31 | 166 | 110255  | 6.324  | ng | 96   |
| 71) Phenanthrene           | 11.28 | 178 | 1089574 | 52.299 | ng | 100  |
| 72) Anthracene             | 11.33 | 178 | 268265  | 12.605 | ng | 97   |
| 73) Carbazole              | 11.48 | 167 | 104855  | 5.210  | ng | 97   |
| 75) Fluoranthene           | 12.47 | 202 | 1127681 | 50.166 | ng | 97   |
| 78) Pyrene                 | 12.70 | 202 | 1048442 | 51.036 | ng | 99   |
| 81) Benzo(a)anthracene     | 13.89 | 228 | 550214  | 34.322 | ng | 98   |
| 83) Chrysene               | 13.92 | 228 | 518855  | 31.853 | ng | 97   |
| 86) Indeno(1,2,3-cd)pyrene | 16.70 | 276 | 299876  | 20.885 | ng | 95   |
| 88) Benzo(b)fluoranthene   | 14.92 | 252 | 688736m | 37.660 | ng |      |
| 89) Benzo(k)fluoranthene   | 14.94 | 252 | 159179m | 10.088 | ng |      |
| 90) Benzo(a)pyrene         | 15.26 | 252 | 446649  | 29.047 | ng | 98   |
| 91) Dibenzo(a,h)anthracene | 16.72 | 278 | 80689   | 5.924  | ng | 97   |
| 92) Benzo(a,h,i)perylene   | 17.12 | 276 | 268738  | 19.988 | ng | 98   |

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

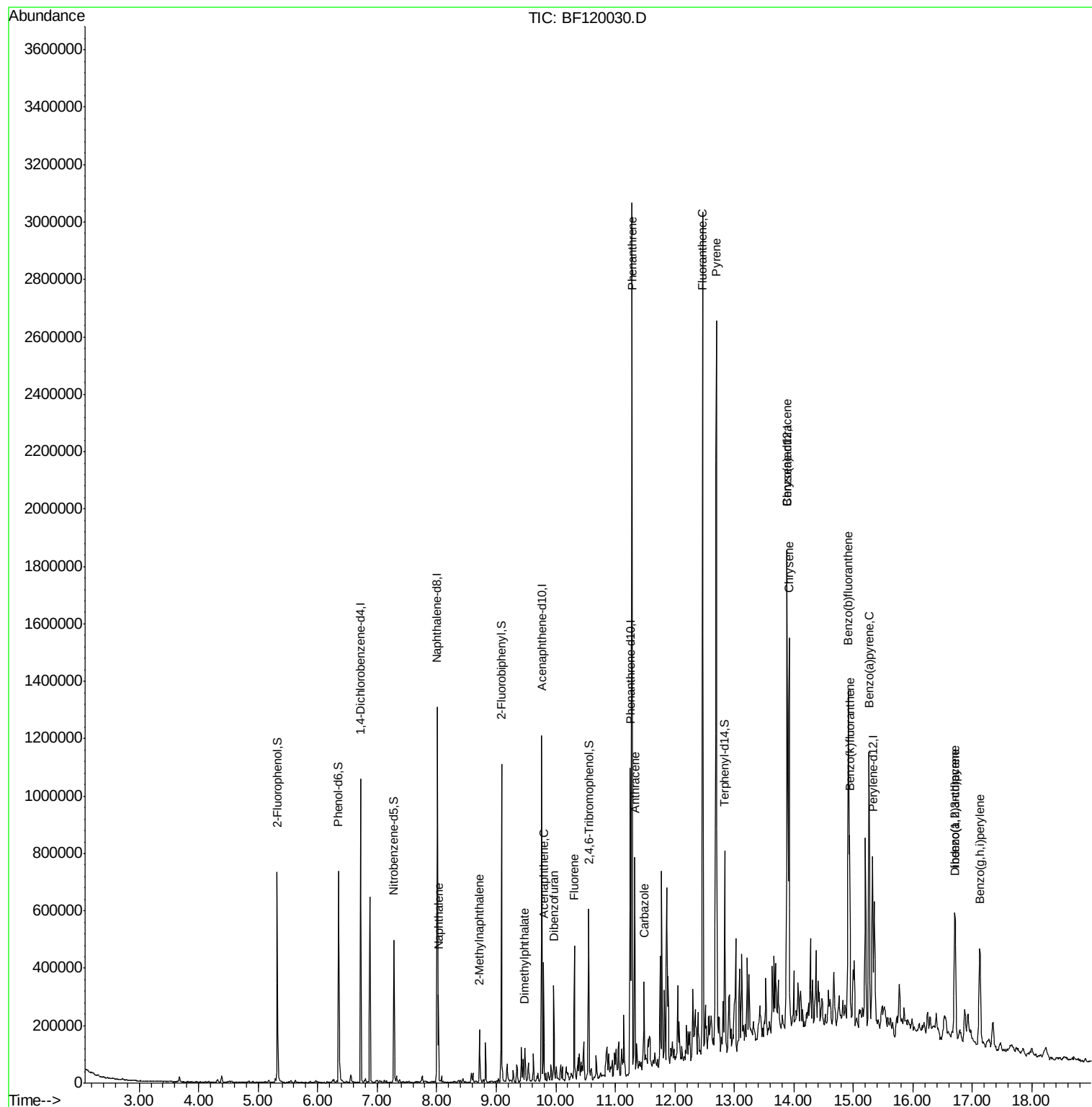
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\  
Data File : BF120030.D  
Acq On : 16 Apr 2020 12:33  
Operator : MA/SJ  
Sample : L2230-17 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

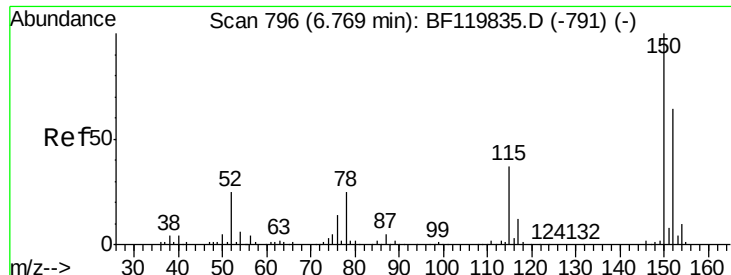
Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

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Quant Time: Apr 16 13:04:59 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 16 10:48:04 2020  
Response via : Initial Calibration





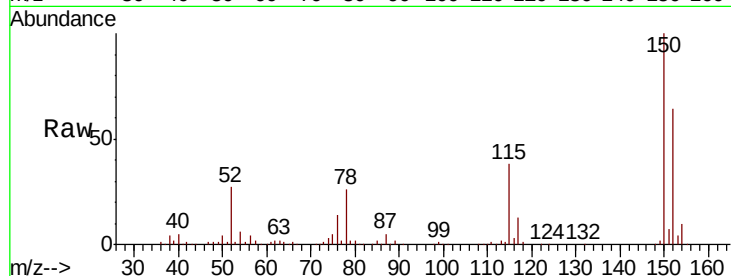
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.1 | 124.8 | 187.2 |
| 115     | 60.5  | 46.5  | 69.7  |

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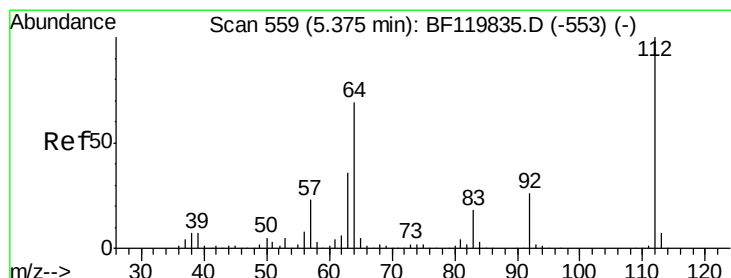
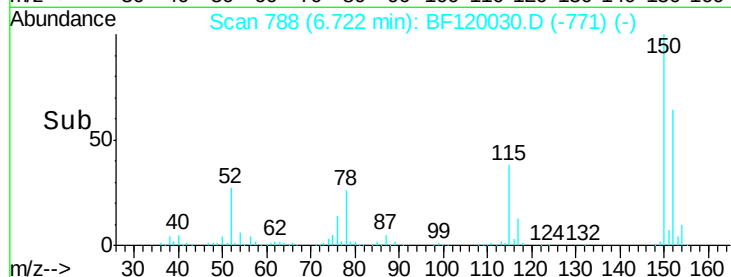
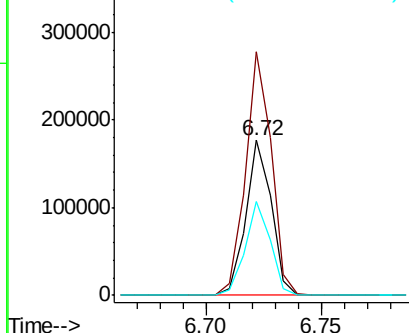


Abundance

Ion 152.00 (151.70 to 152.70): E

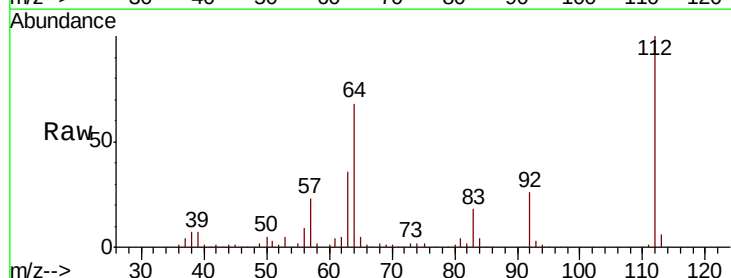
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5  
 2-Fluorophenol  
 Concen: 23.181 ng  
 RT: 5.32 min Scan# 550  
 Delta R.T. -0.00 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 68.1  | 55.5  | 83.3  |
| 63      | 35.9  | 29.1  | 43.7  |

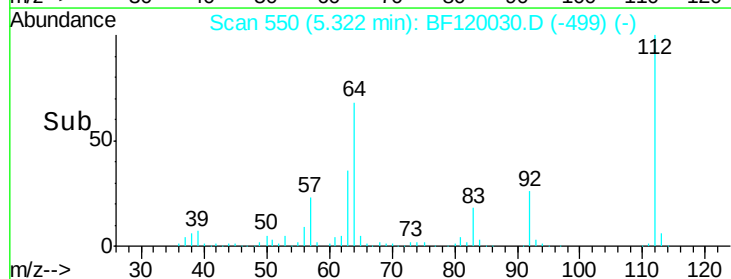
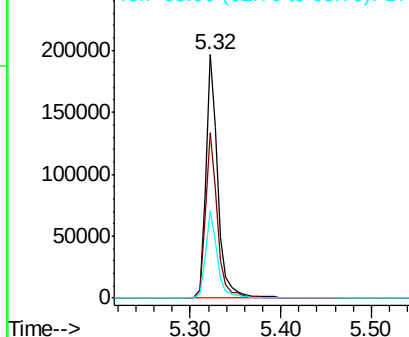


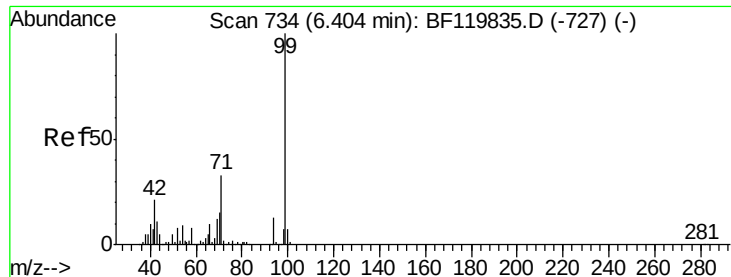
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.498 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

Instrument :

BNA\_F

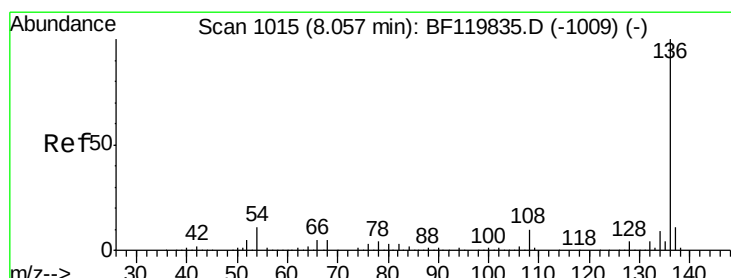
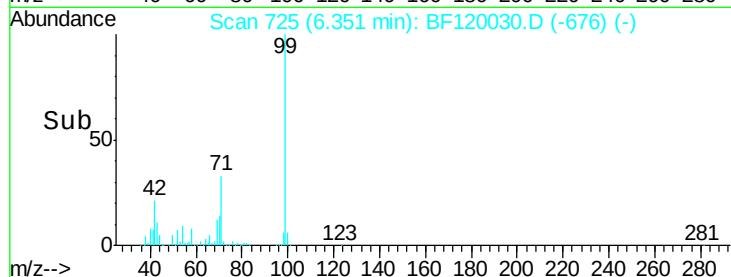
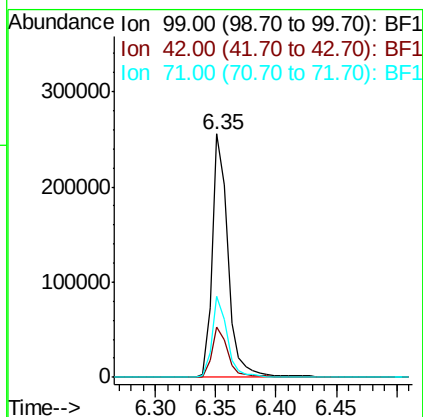
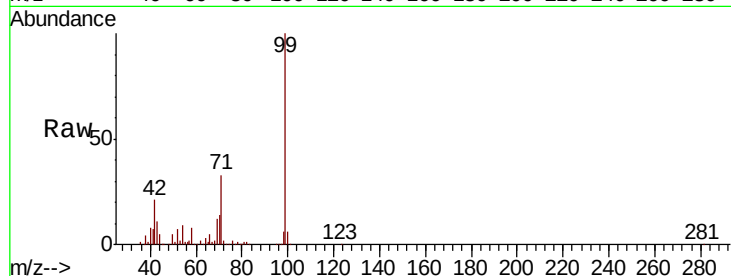
ClientSampleId :

TP-12-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 230237 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.5  | 16.9  | 25.3   |
| 71        | 33.1  | 26.3  | 39.5   |

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#21

Naphthalene-d8

Concen: 20.000 ng

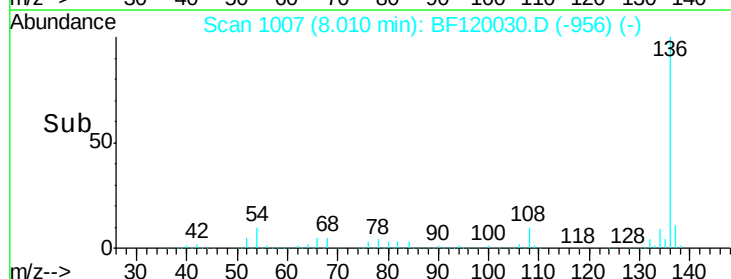
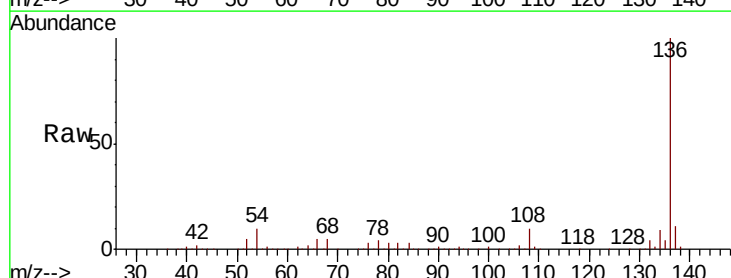
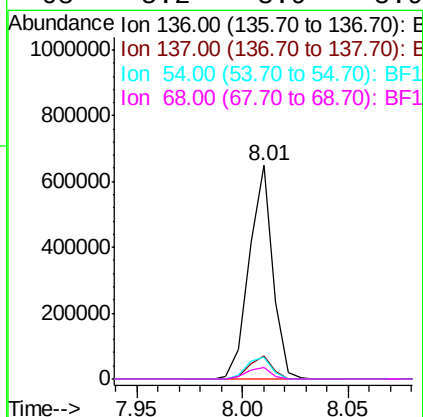
RT: 8.01 min Scan# 1007

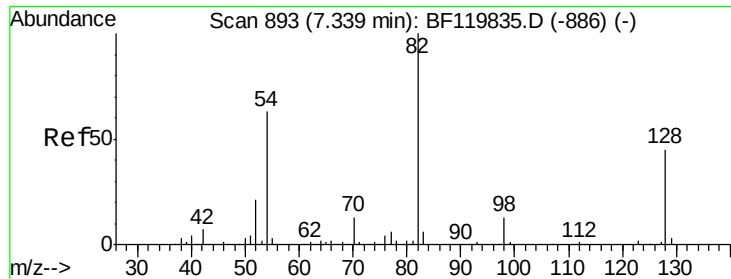
Delta R.T. -0.00 min

Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 503156 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.7   | 13.1   |
| 54        | 10.1  | 8.5   | 12.7   |
| 68        | 5.2   | 3.9   | 5.9    |





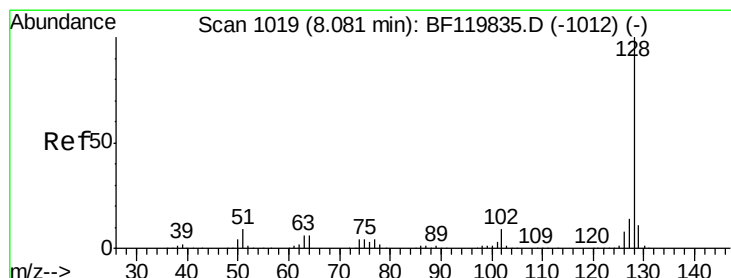
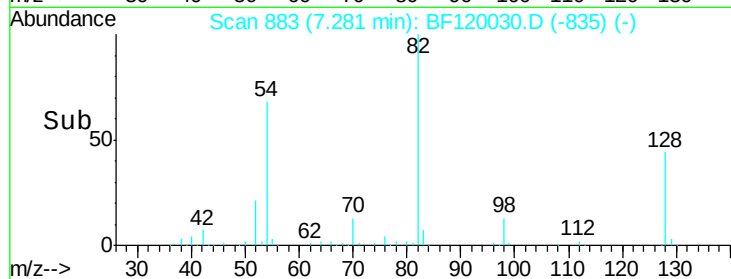
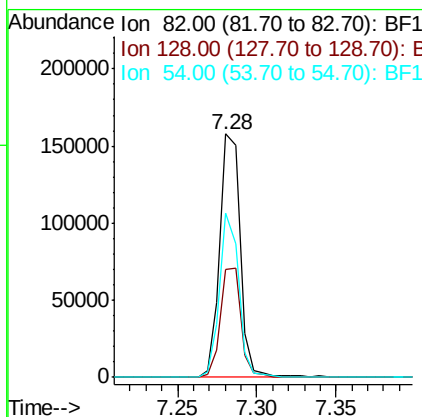
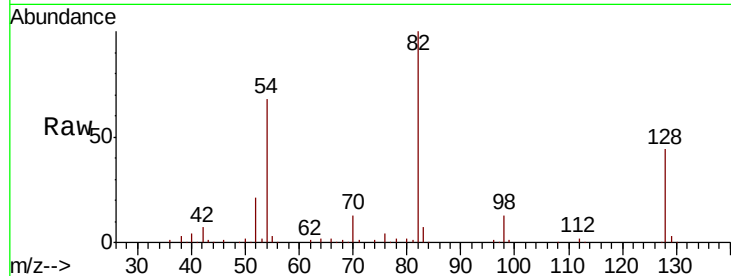
#23  
 Nitrobenzene-d5  
 Concen: 14.598 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.02 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion   | 82   | Resp  | 141975 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 44.4 | 36.2  | 54.4   |
| 54        | 67.6 | 50.4  | 75.6   |

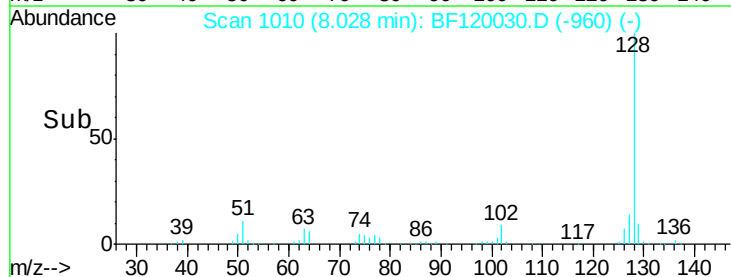
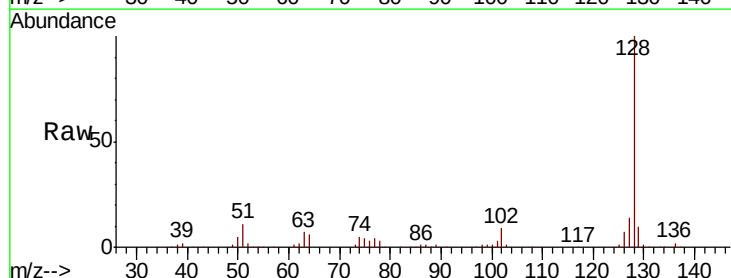
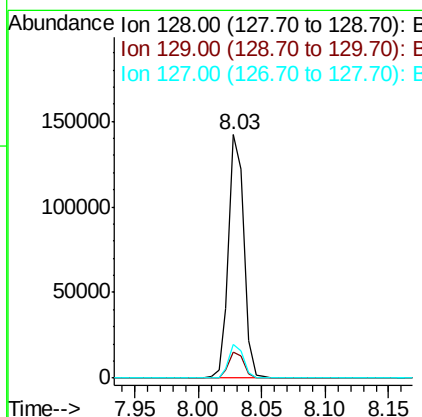
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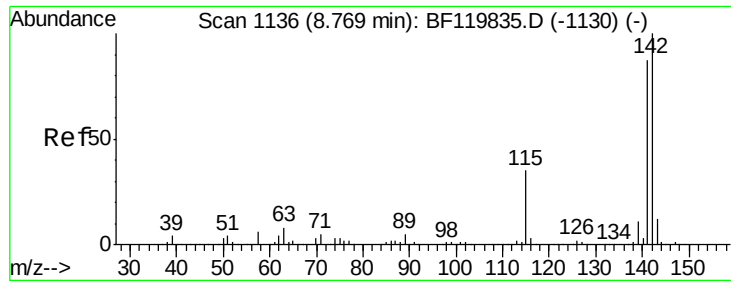
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#31  
 Naphthalene  
 Concen: 4.507 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

| Tgt Ion   | 128  | Resp  | 119314 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 129       | 10.5 | 9.0   | 13.6   |
| 127       | 14.0 | 11.0  | 16.4   |





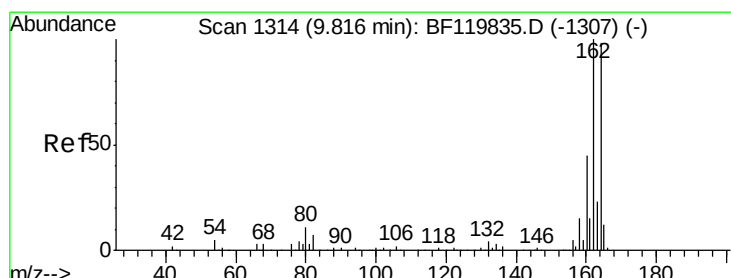
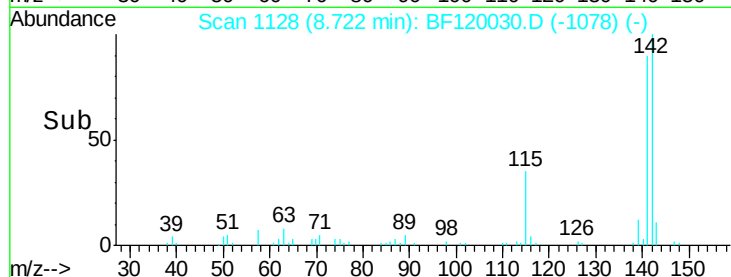
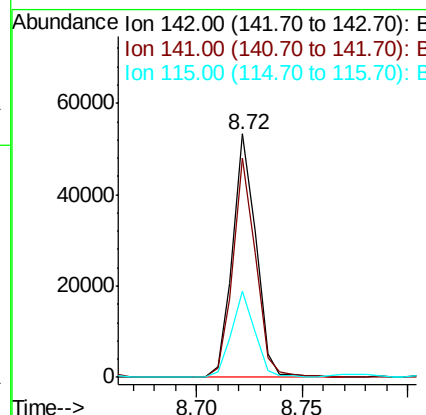
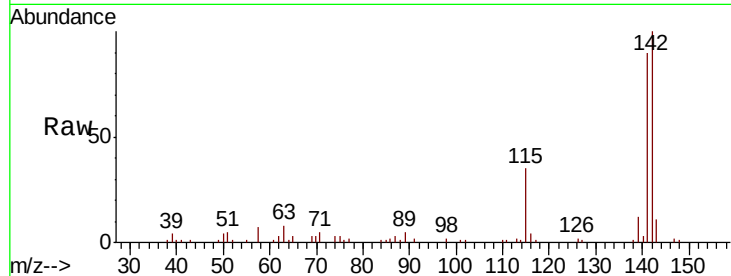
#37  
2-Methylnaphthalene  
Concen: 2.264 ng  
RT: 8.72 min Scan# 1128  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 69.9  | 104.9 |
| 115     | 35.2  | 28.0  | 42.0  |

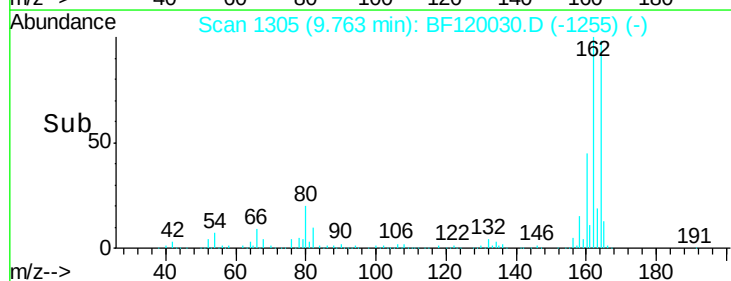
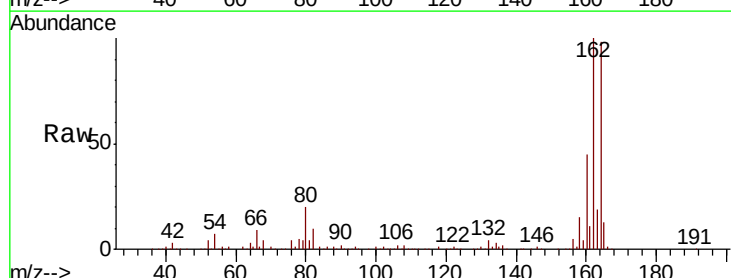
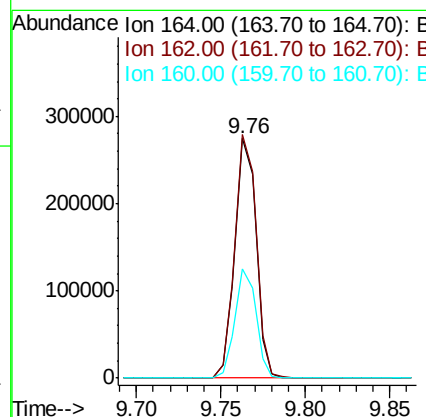
Manual Integrations  
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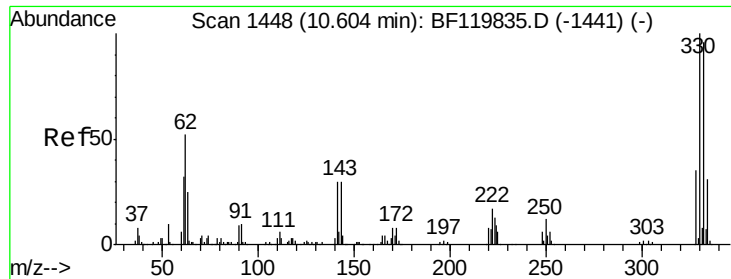
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#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 81.9  | 122.9 |
| 160     | 45.6  | 36.6  | 54.8  |





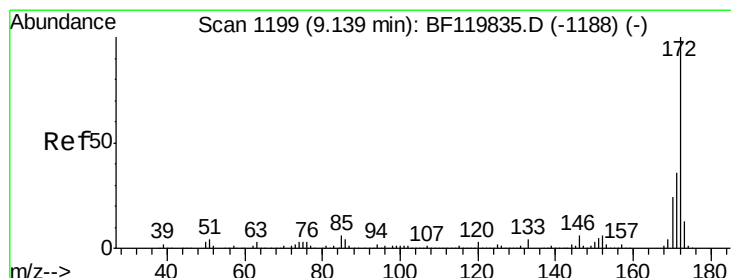
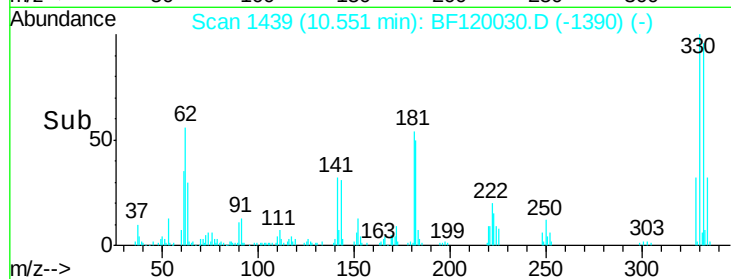
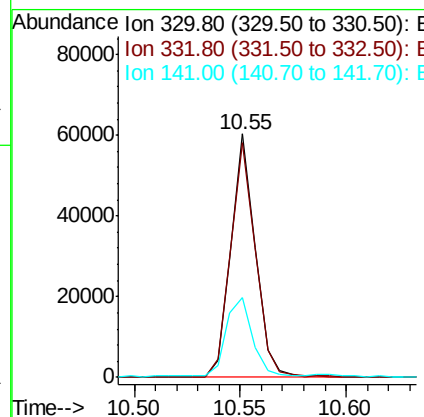
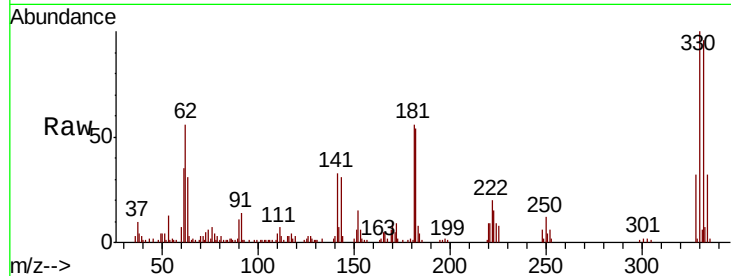
#42  
 2,4,6-Tribromophenol  
 Concen: 16.216 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.8  | 76.8  | 115.2 |
| 141     | 37.2  | 25.1  | 37.7  |

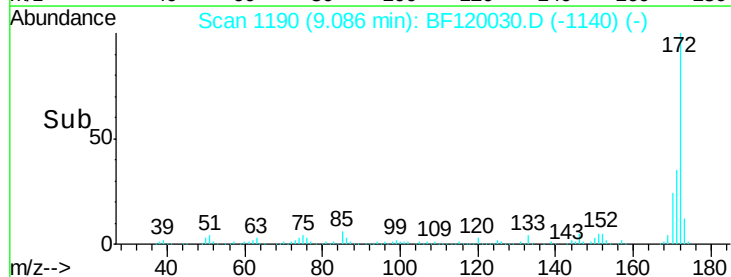
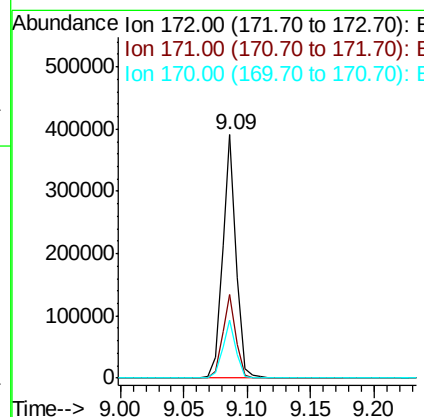
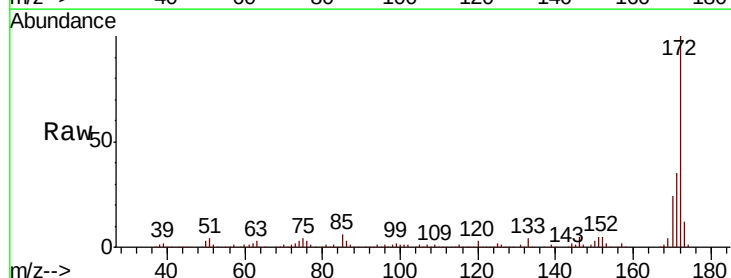
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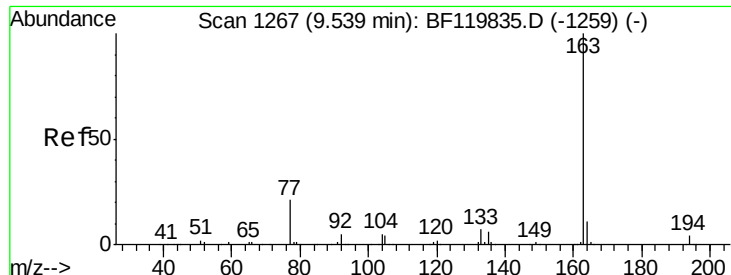
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#45  
 2-Fluorobiphenyl  
 Concen: 17.282 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.6  | 28.9  | 43.3  |
| 170     | 23.7  | 19.4  | 29.2  |





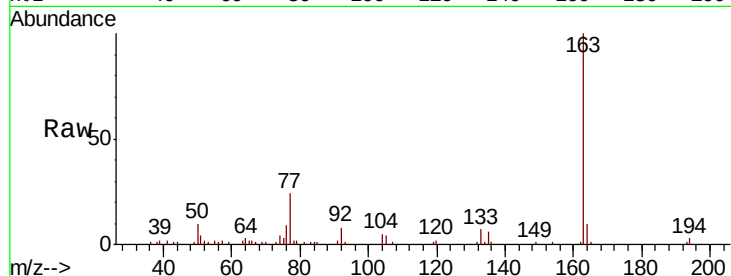
#50  
Dimethylphthalate  
Concen: 2.295 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. -0.02 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

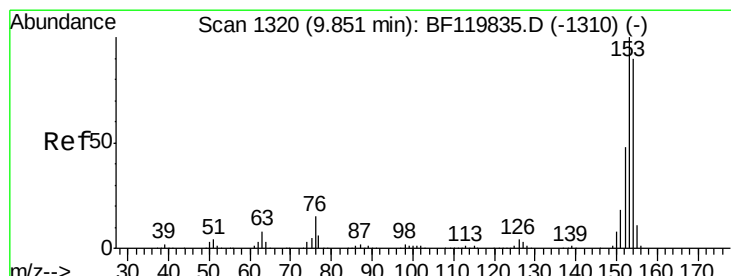
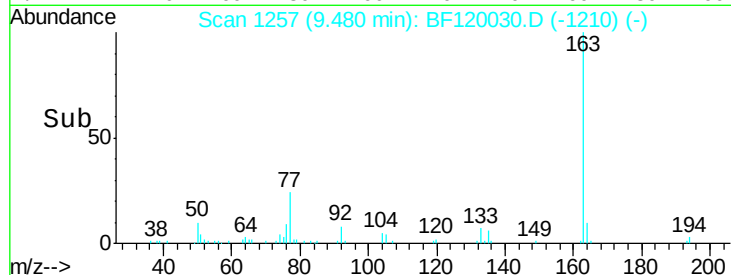
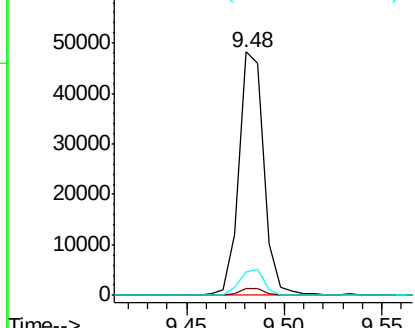
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 42751 |       |       |
| 194     | 2.7   |       | 3.0   | 4.4#  |
| 164     | 9.7   |       | 8.4   | 12.6  |

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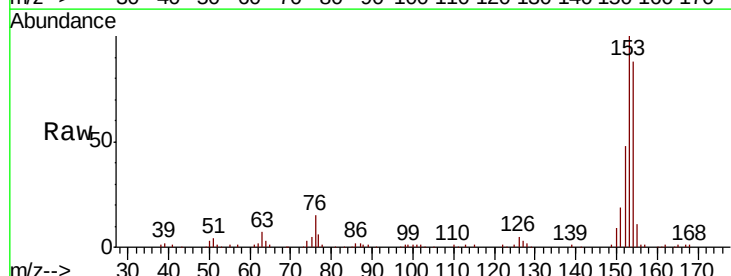


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

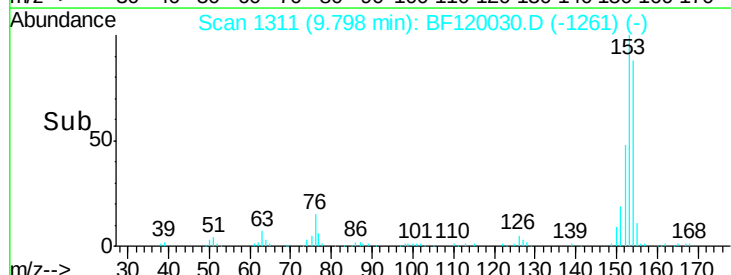
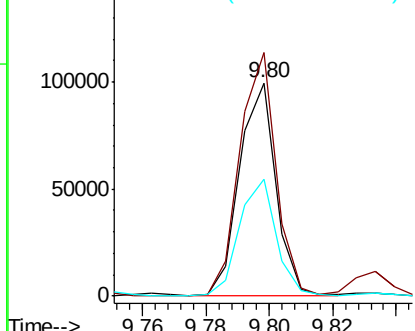


#52  
Acenaphthene  
Concen: 4.946 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

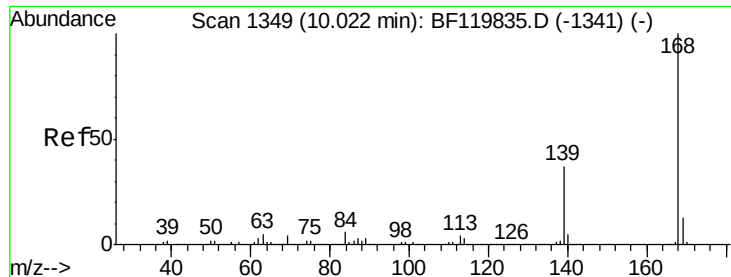
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 78569 |       |       |
| 153     | 114.3 |       | 88.8  | 133.2 |
| 152     | 54.6  |       | 42.4  | 63.6  |



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







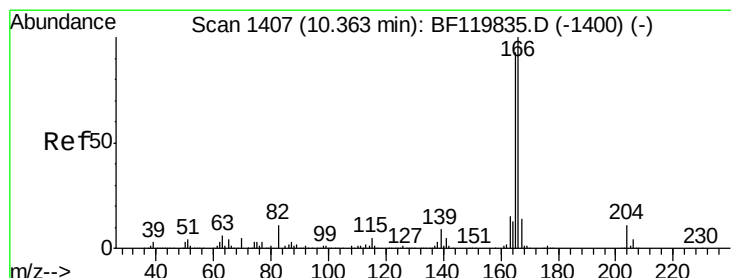
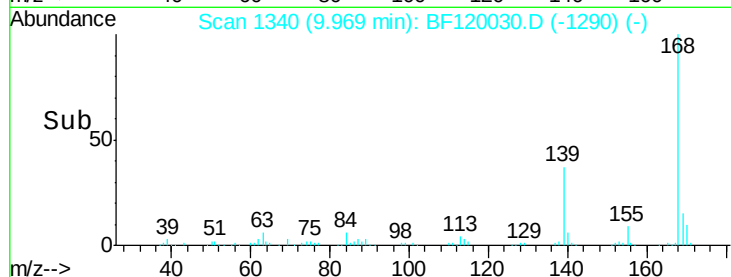
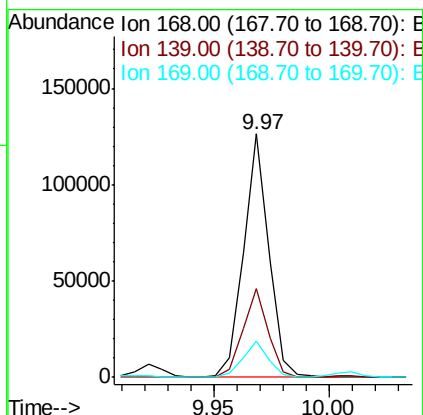
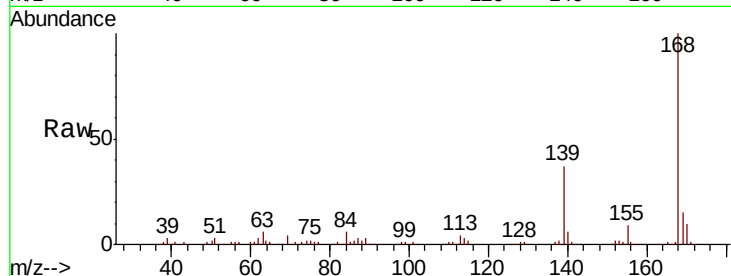
#55  
Dibenzofuran  
Concen: 4.424 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.7  | 29.8  | 44.6  |
| 169     | 14.7  | 10.6  | 15.8  |

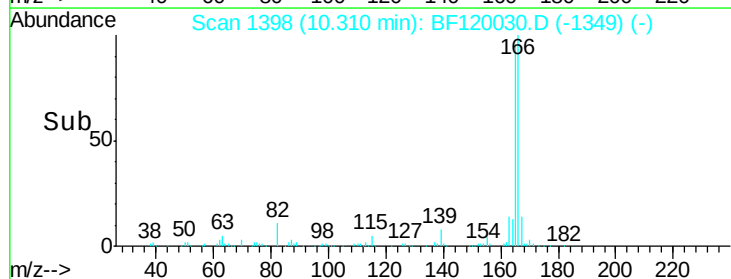
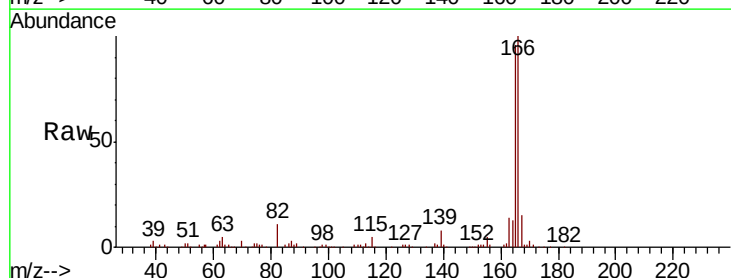
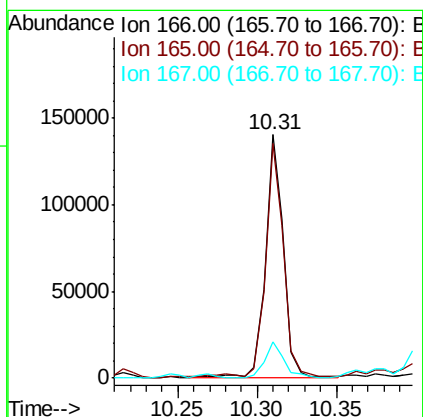
Manual Integrations  
APPROVED

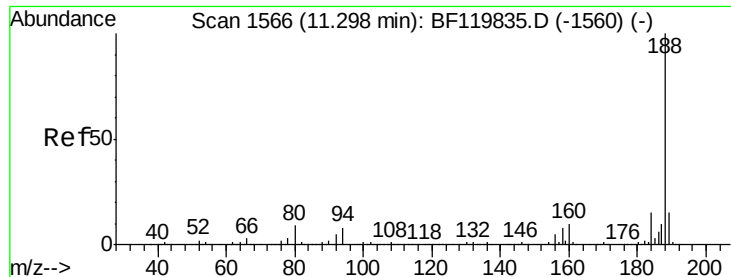
mohammad  
4/17/2020 1:48:08 PM



#58  
Fluorene  
Concen: 6.324 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.3  | 74.2  | 111.2 |
| 167     | 14.7  | 10.8  | 16.2  |





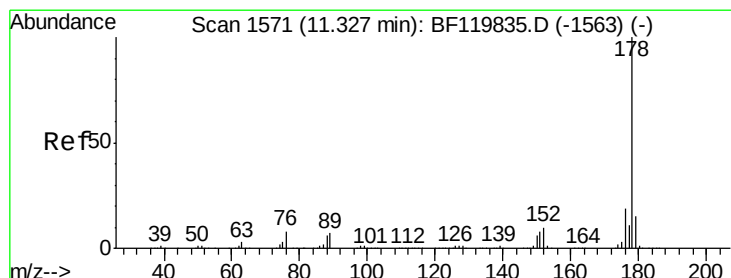
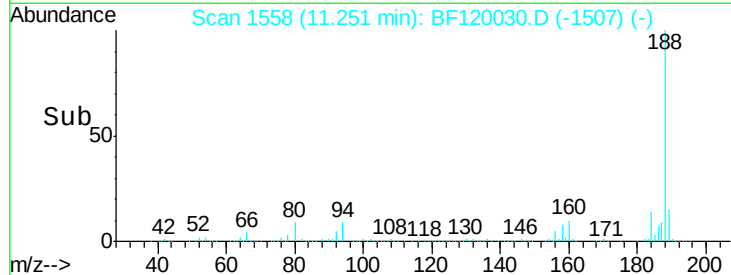
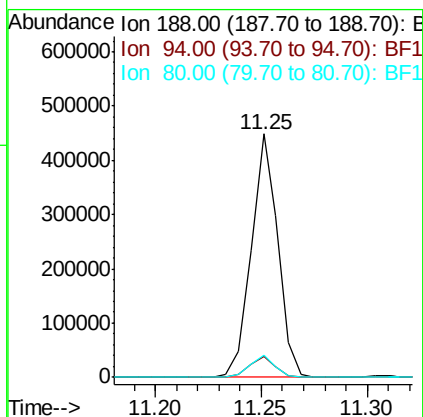
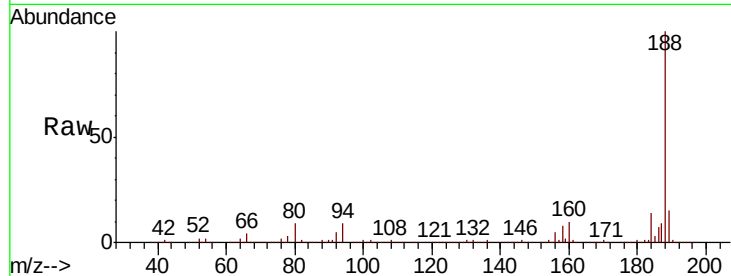
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. -0.00 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 391452 |       |       |
| 94      | 8.7   | 6.7    | 10.1  |       |
| 80      | 8.9   | 7.4    | 11.2  |       |

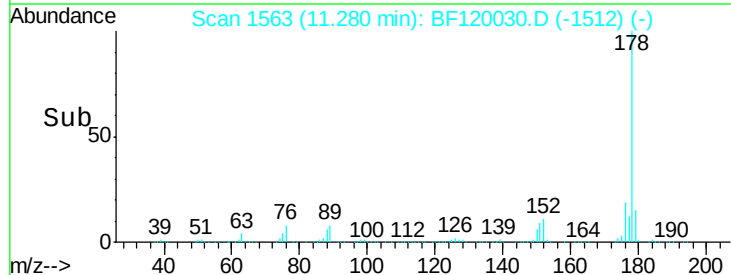
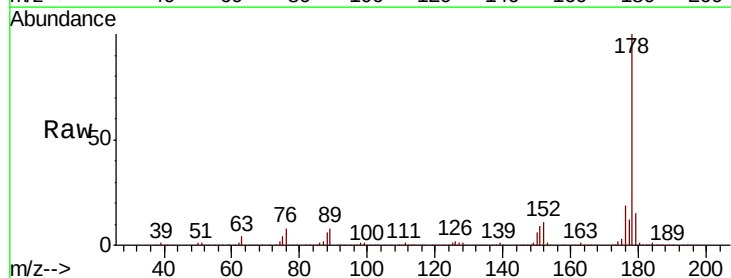
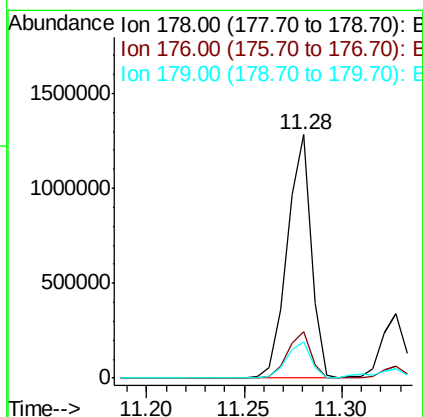
Manual Integrations  
APPROVED

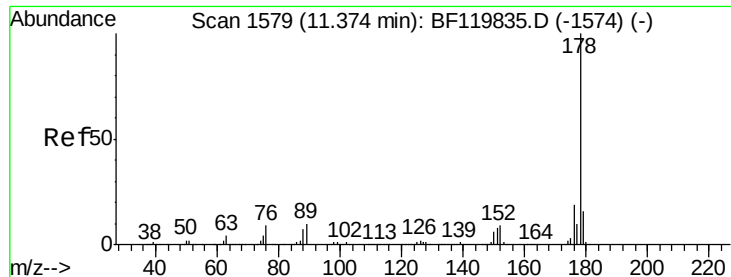
mohammad  
4/17/2020 1:48:08 PM



#71  
Phenanthrene  
Concen: 52.299 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1089574 |       |       |
| 176     | 18.9  | 15.1    | 22.7  |       |
| 179     | 15.1  | 12.2    | 18.4  |       |





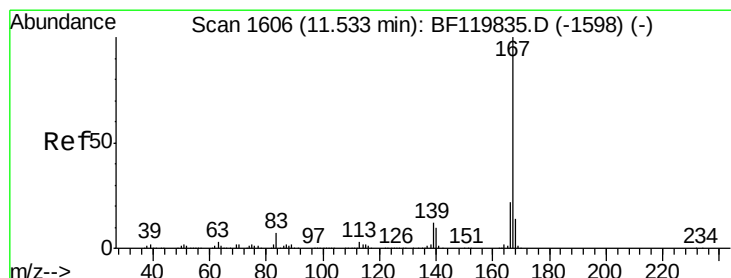
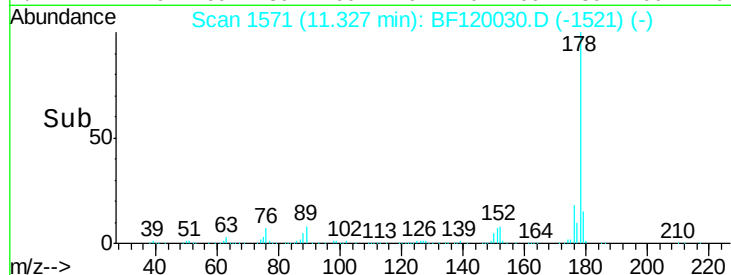
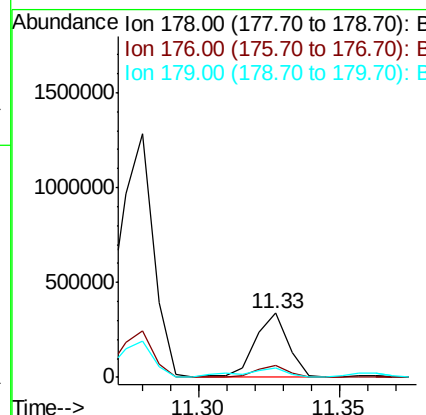
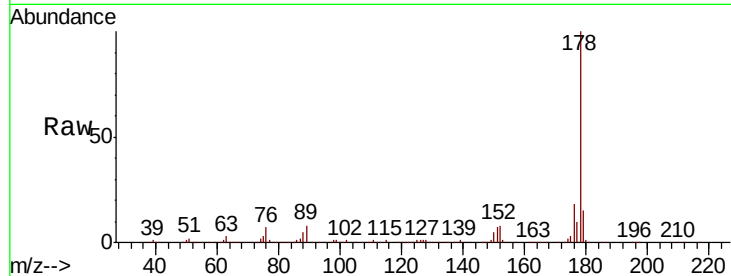
#72  
 Anthracene  
 Concen: 12.605 ng  
 RT: 11.33 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 15.4  | 23.2  |
| 179     | 14.7  | 12.8  | 19.2  |

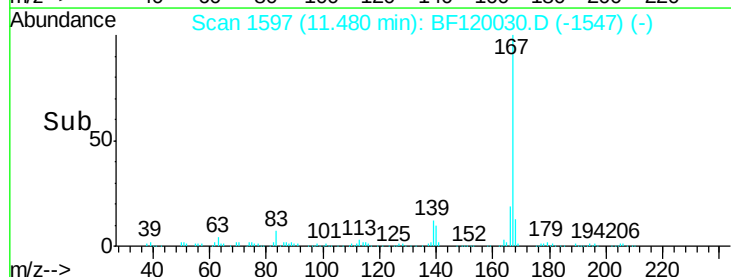
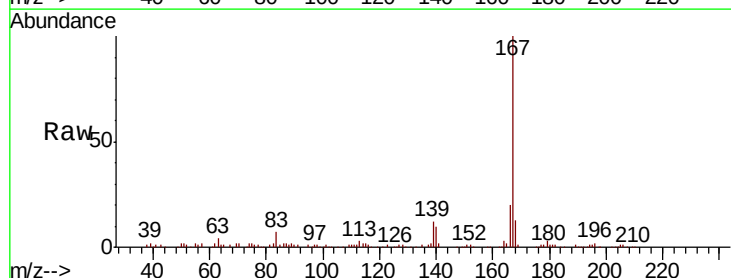
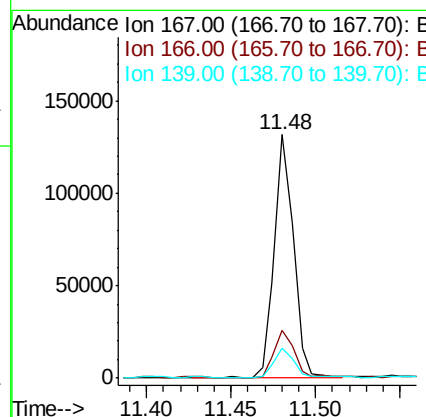
Manual Integrations  
 APPROVED

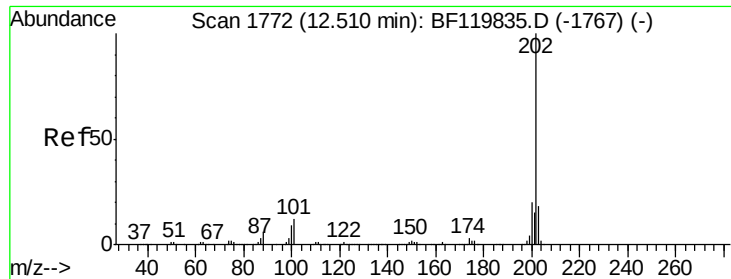
mohammad  
 4/17/2020 1:48:08 PM



#73  
 Carbazole  
 Concen: 5.210 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 19.7  | 17.4  | 26.0  |
| 139     | 12.3  | 9.8   | 14.8  |





#75

Fluoranthene

Concen: 50.166 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

Instrument :

BNA\_F

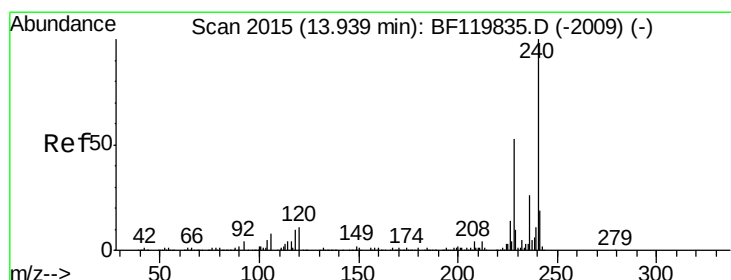
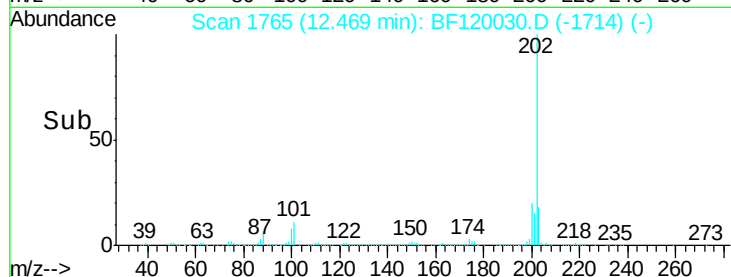
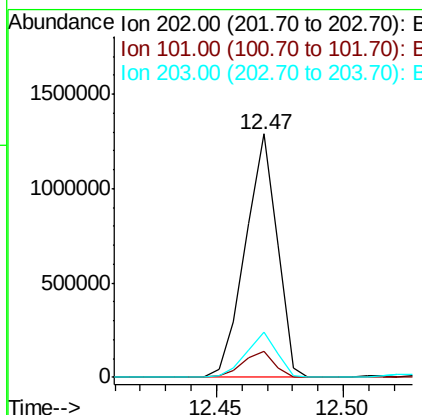
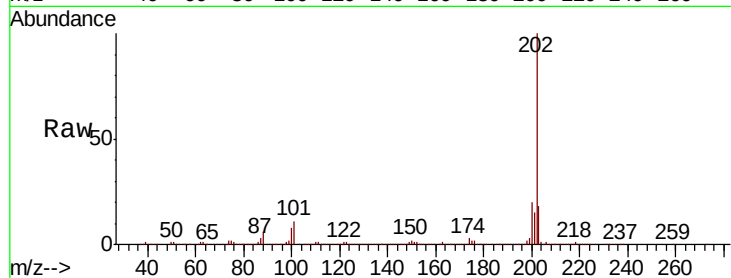
ClientSampleId :

TP-12-A

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1127681 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.6  | 0.0   | 32.3    |
| 203      | 18.4  | 0.0   | 37.6    |

Manual Integrations  
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4/17/2020 1:48:08 PM



#76

Chrysene-d12

Concen: 20.000 ng

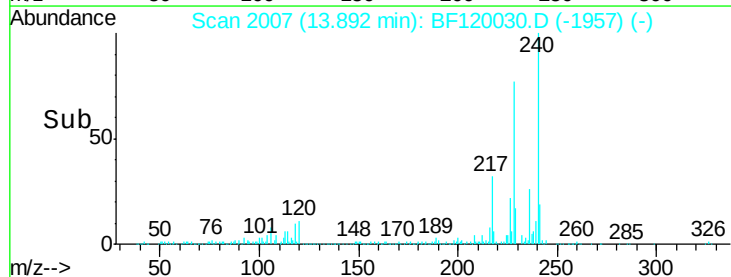
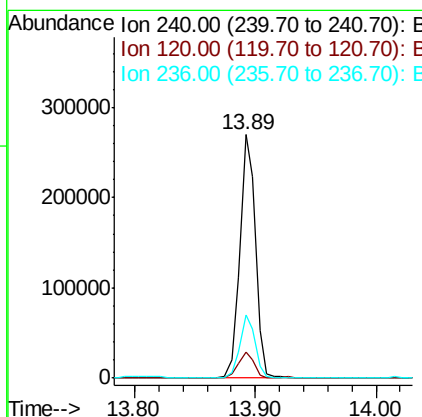
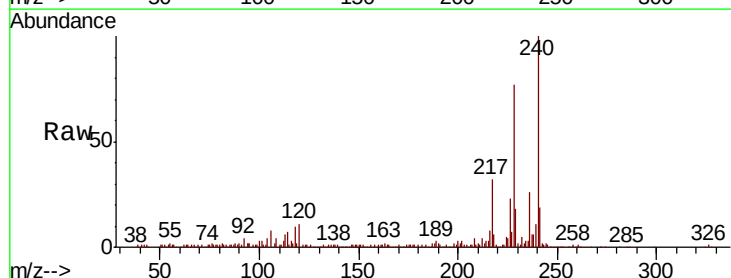
RT: 13.89 min Scan# 2007

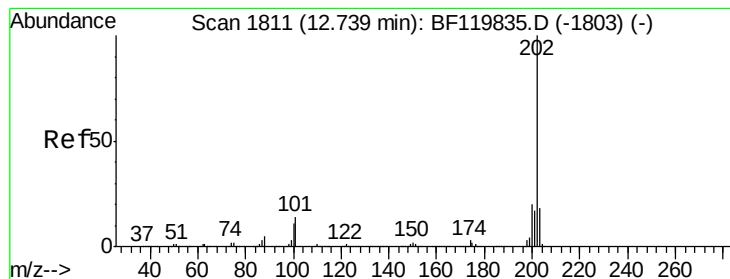
Delta R.T. -0.01 min

Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 243684 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.9  | 9.0   | 13.6   |
| 236      | 26.1  | 20.7  | 31.1   |





#78

Pvrene

Concen: 51.036 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

Instrument :

BNA\_F

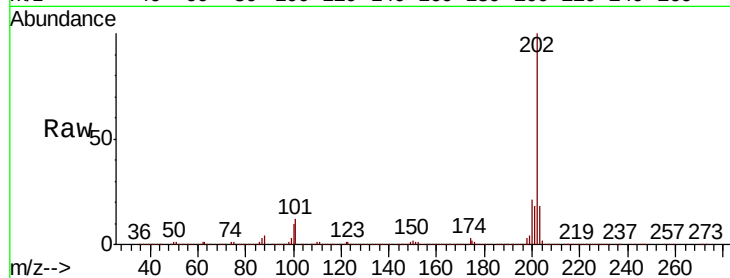
ClientSampleId :

TP-12-A

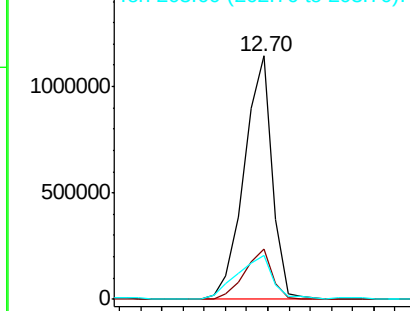
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1048442 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.7  | 16.2  | 24.2    |
| 203       | 18.3  | 14.1  | 21.1    |

Manual Integrations  
APPROVED

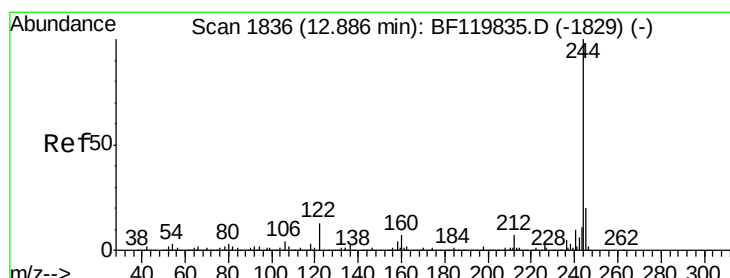
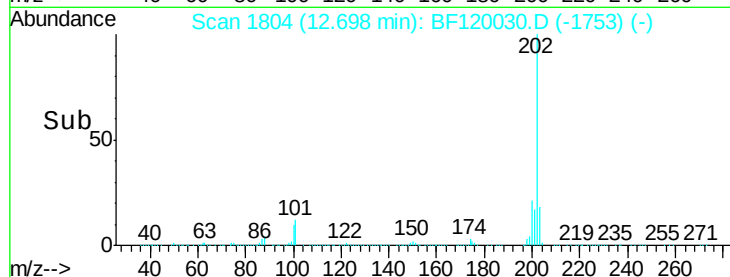
mohammad  
4/17/2020 1:48:08 PM



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



Time-->



#79

Terphenyl-d14

Concen: 14.713 ng

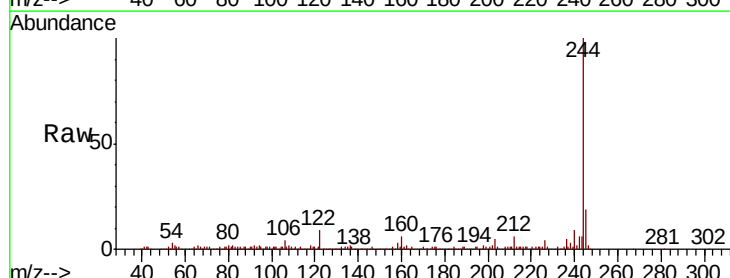
RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

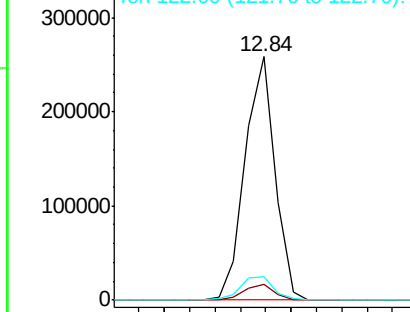
Lab File: BF120030.D

Acq: 16 Apr 2020 12:33

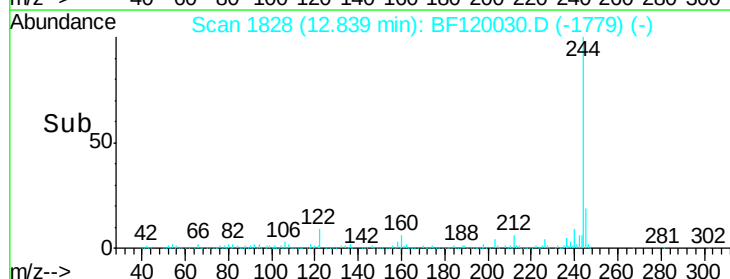
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 213073 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.3   | 5.4   | 8.0    |
| 122       | 9.5   | 10.3  | 15.5   |

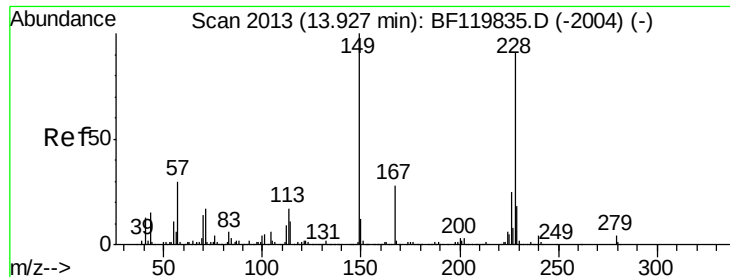


Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time-->





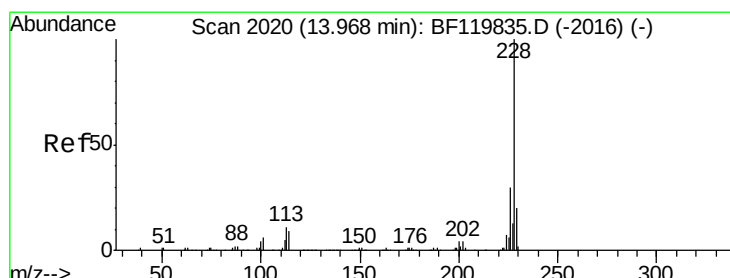
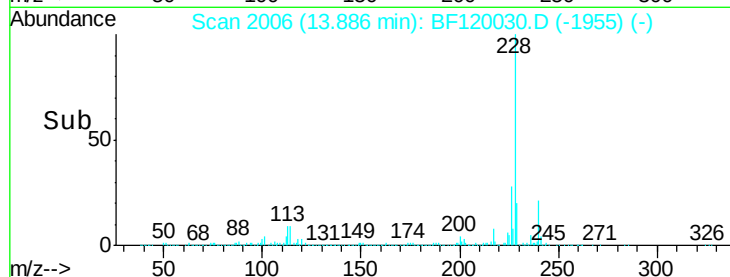
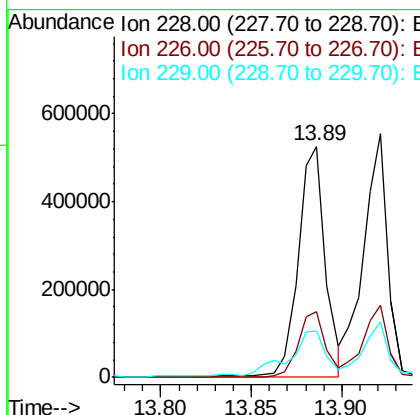
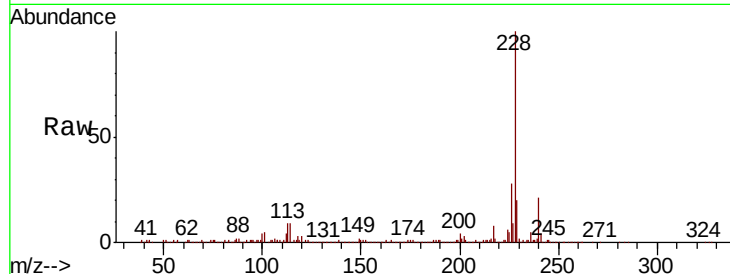
#81  
Benzo(a)anthracene  
Concen: 34.322 ng  
RT: 13.89 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampled :  
TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 21.9  | 32.9  |
| 229     | 20.3  | 15.9  | 23.9  |

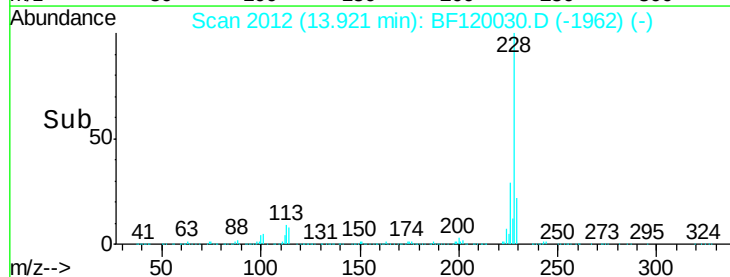
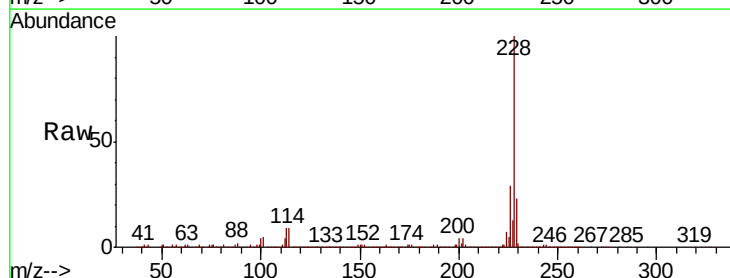
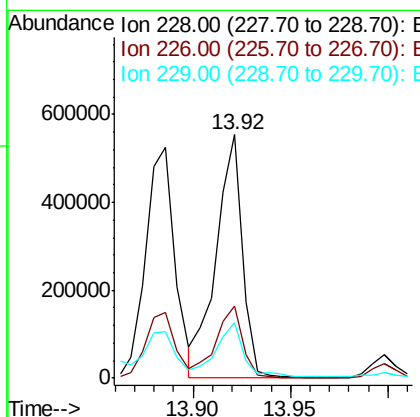
Manual Integrations  
APPROVED

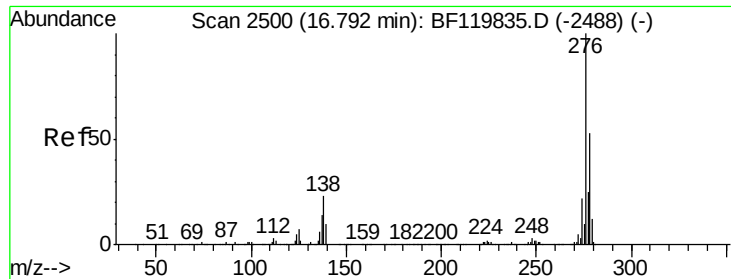
mohammad  
4/17/2020 1:48:08 PM



#83  
Chrysene  
Concen: 31.853 ng  
RT: 13.92 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.5  | 24.2  | 36.2  |
| 229     | 22.6  | 15.9  | 23.9  |





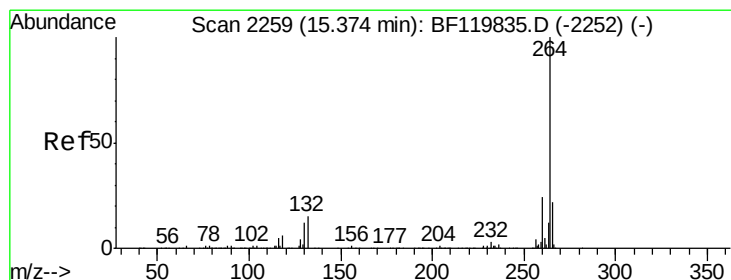
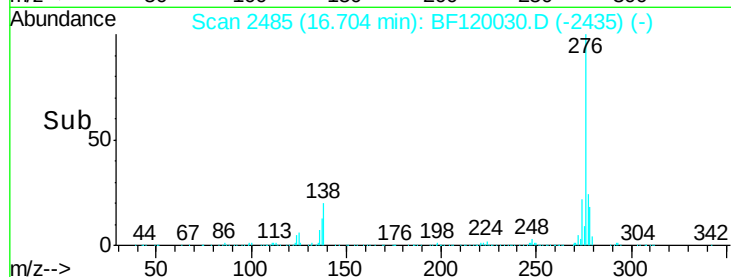
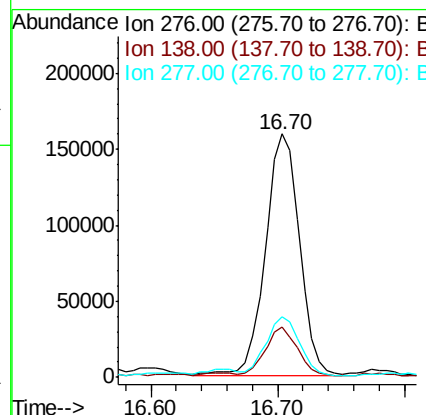
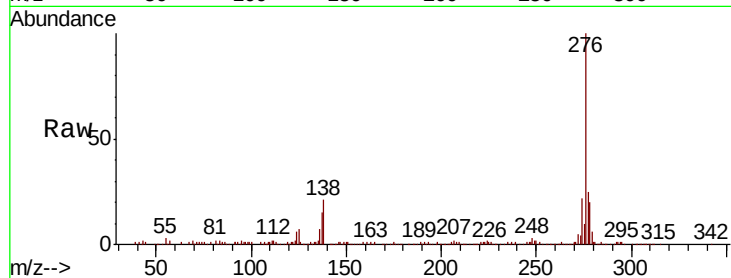
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 20.885 ng  
 RT: 16.70 min Scan# 2485  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 18.9  | 18.0  | 27.0  |
| 277     | 23.9  | 20.1  | 30.1  |

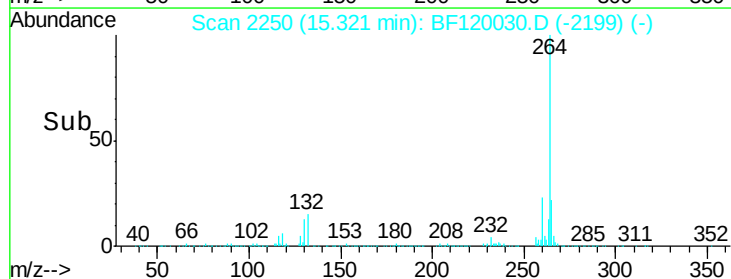
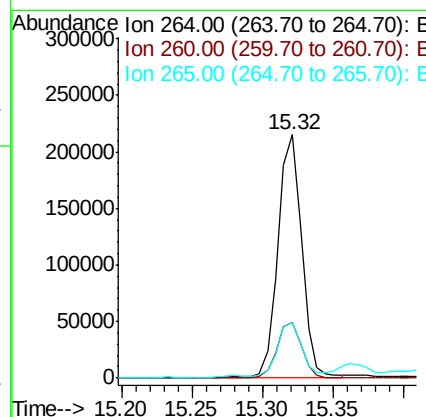
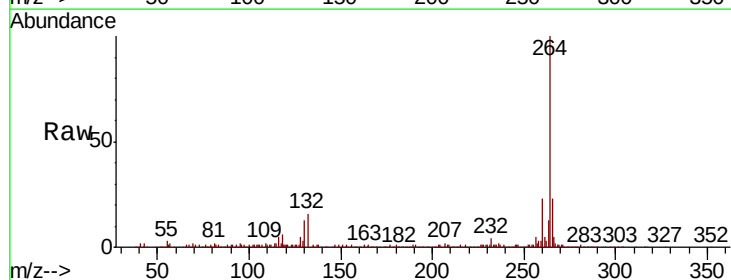
Manual Integrations  
 APPROVED

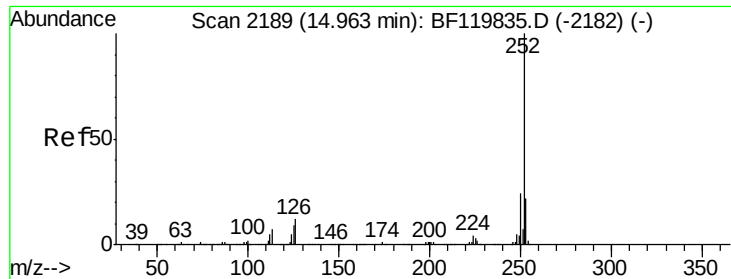
mohammad  
 4/17/2020 1:48:08 PM



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.32 min Scan# 2250  
 Delta R.T. -0.00 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.3  | 28.9  |
| 265     | 22.5  | 17.6  | 26.4  |





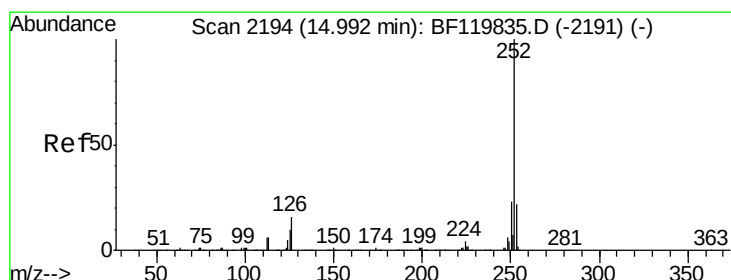
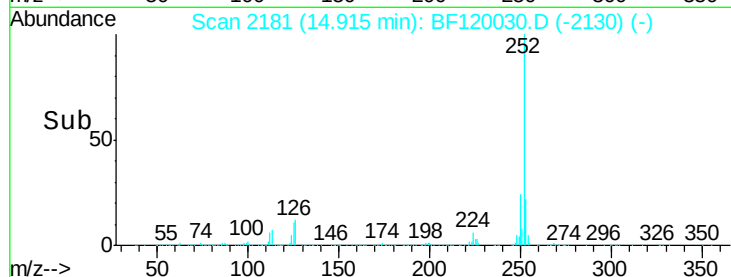
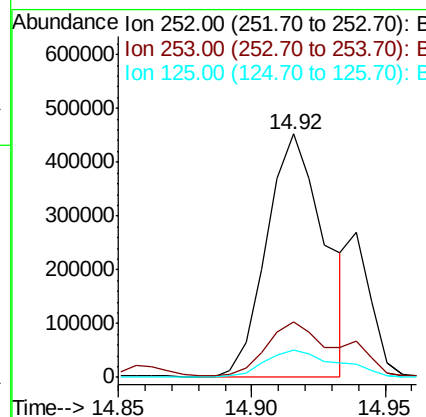
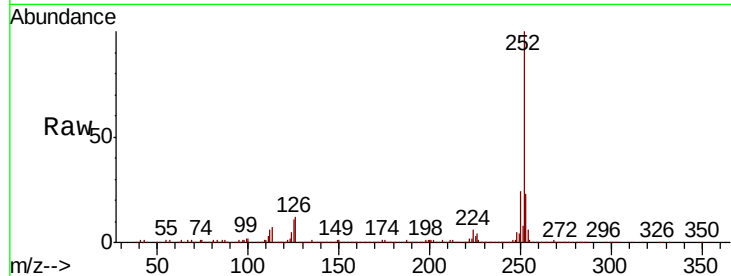
#88  
Benzo(b)fluoranthene  
Concen: 37.660 ng m  
RT: 14.92 min Scan# 2181  
Delta R.T. -0.00 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.7  | 26.5  |
| 125     | 11.0  | 7.4   | 11.2  |

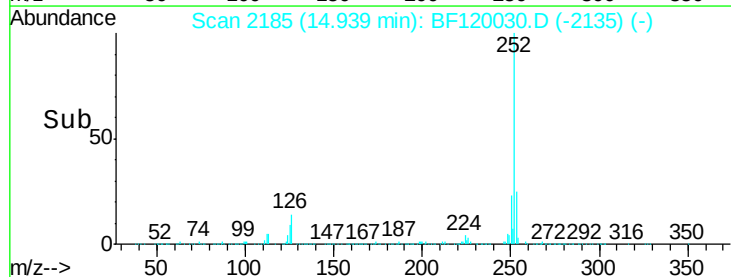
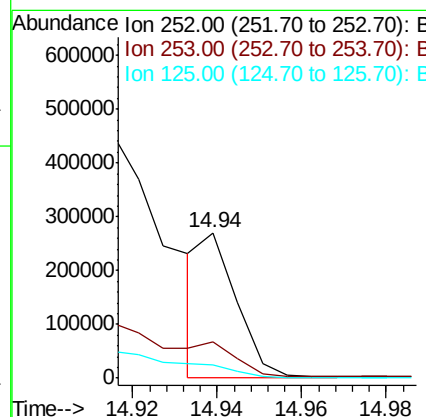
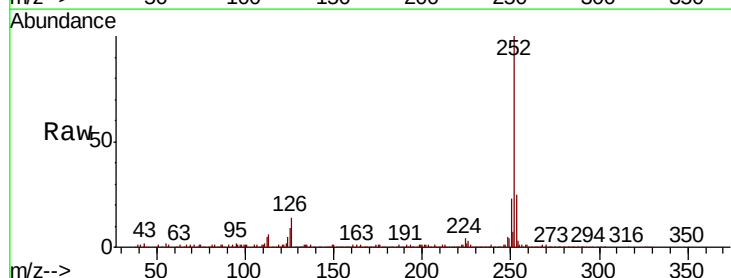
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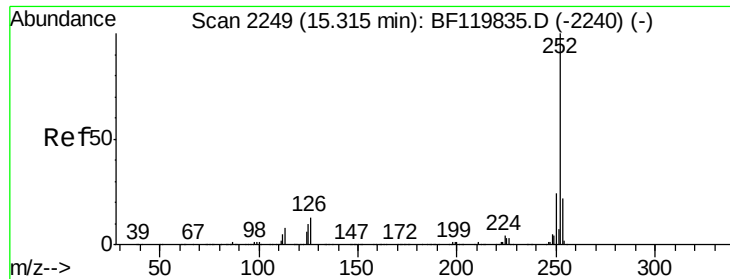


#89  
Benzo(k)fluoranthene  
Concen: 10.088 ng m  
RT: 14.94 min Scan# 2185  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.9  | 17.8  | 26.8  |
| 125     | 9.1   | 7.7   | 11.5  |







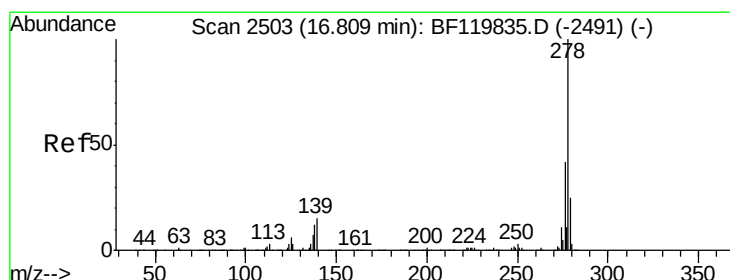
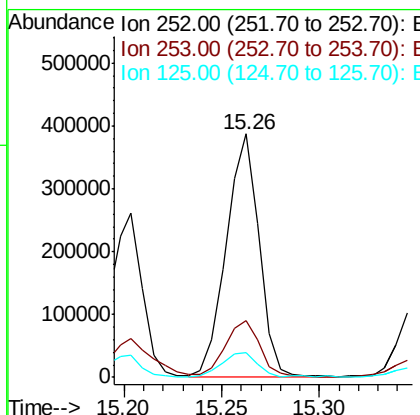
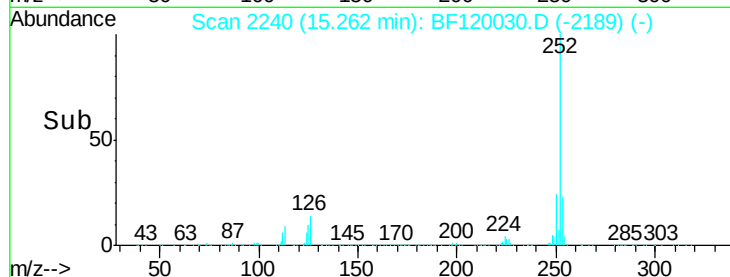
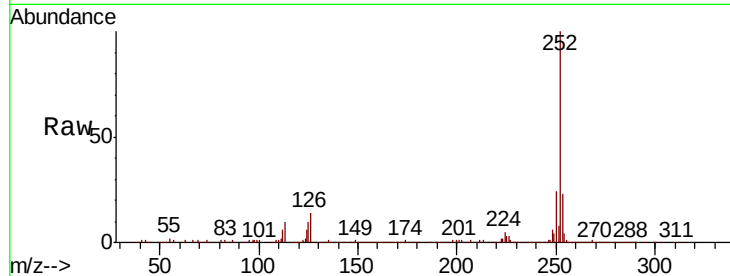
#90  
Benzo(a)pyrene  
Concen: 29.047 ng  
RT: 15.26 min Scan# 2240  
Delta R.T. -0.00 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

Instrument :  
BNA\_F  
ClientSampled :  
TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 17.4  | 26.2  |
| 125     | 10.2  | 8.3   | 12.5  |

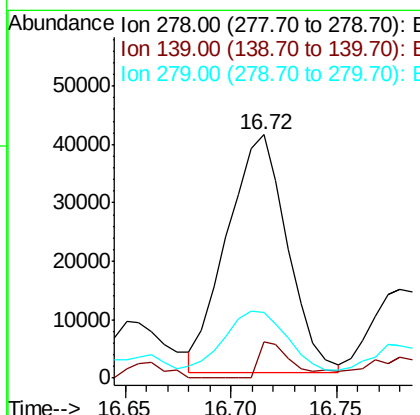
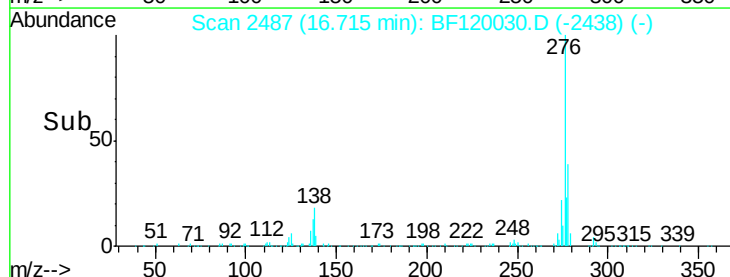
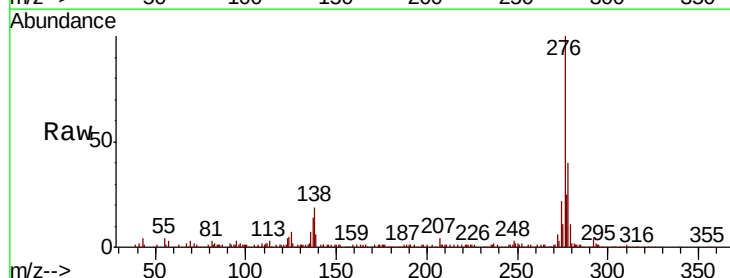
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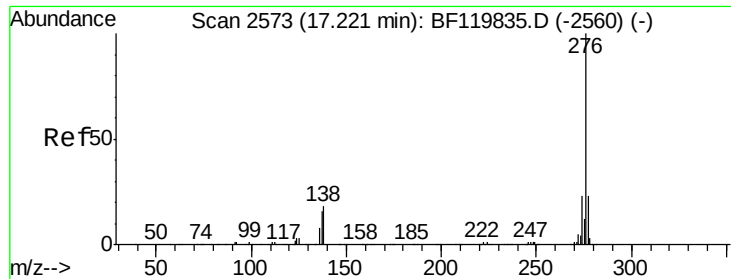
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#91  
Dibenzo(a,h)anthracene  
Concen: 5.924 ng  
RT: 16.72 min Scan# 2487  
Delta R.T. -0.01 min  
Lab File: BF120030.D  
Acq: 16 Apr 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.2  | 11.6  | 17.4  |
| 279     | 26.8  | 19.7  | 29.5  |





#92  
 Benzo(a,h,i)perylene  
 Concen: 19.988 ng  
 RT: 17.12 min Scan# 2556  
 Delta R.T. -0.01 min  
 Lab File: BF120030.D  
 Acq: 16 Apr 2020 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-12-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.5  | 27.7  |
| 138     | 19.4  | 14.6  | 22.0  |

Manual Integrations  
 APPROVED

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