

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\  
 Data File : BF121605.D  
 Acq On : 17 Sep 2020 19:25  
 Operator : JU/CG  
 Sample : L4038-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-091620-DP

Manual Integrations  
 APPROVED

mohammad  
 9/21/2020 10:32:25 AM

Quant Time: Sep 18 09:57:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 10 16:47:54 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 147238   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.10  | 136  | 518255   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.86  | 164  | 219655   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.34 | 188  | 335497   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.98 | 240  | 317255   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.44 | 264  | 341048   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.45  | 112  | 867894   | 87.60 | ng    | 0.00     |
| 7) Phenol-d6                | 6.46  | 99   | 1050539  | 80.82 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 712136   | 73.78 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 209411   | 76.71 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.18  | 172  | 1141450  | 78.70 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.93 | 244  | 871783   | 55.67 | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 31) Naphthalene            | 8.13  | 128  | 94146    | 3.441  | ng    | 98     |
| 50) Dimethylphthalate      | 9.57  | 163  | 113632   | 7.138  | ng    | 99     |
| 52) Acenaphthene           | 9.89  | 154  | 62606    | 4.655  | ng    | 98     |
| 55) Dibenzofuran           | 10.06 | 168  | 53141    | 2.806  | ng    | 96     |
| 58) Fluorene               | 10.40 | 166  | 60339    | 4.166  | ng    | 100    |
| 71) Phenanthrene           | 11.36 | 178  | 522278   | 28.572 | ng    | 99     |
| 72) Anthracene             | 11.42 | 178  | 163289   | 8.656  | ng    | 97     |
| 73) Carbazole              | 11.57 | 167  | 49285    | 2.895  | ng    | 98     |
| 75) Fluoranthene           | 12.56 | 202  | 738428   | 37.843 | ng    | 97     |
| 78) Pyrene                 | 12.79 | 202  | 707008   | 30.501 | ng    | 98     |
| 81) Benzo(a)anthracene     | 13.97 | 228  | 384254   | 19.145 | ng    | 99     |
| 83) Chrysene               | 14.00 | 228  | 322554   | 15.870 | ng    | 97     |
| 87) Indeno(1,2,3-cd)pyrene | 16.89 | 276  | 252633m  | 11.375 | ng    |        |
| 88) Benzo(b)fluoranthene   | 15.02 | 252  | 508089m  | 22.285 | ng    |        |
| 89) Benzo(k)fluoranthene   | 15.04 | 252  | 138129m  | 6.616  | ng    |        |
| 90) Benzo(a)pyrene         | 15.37 | 252  | 399916   | 20.635 | ng    | 97     |
| 91) Dibenzo(a,h)anthracene | 16.89 | 278  | 62071    | 3.357  | ng    | # 89   |
| 92) Benzo(g,h,i)perylene   | 17.32 | 276  | 247249   | 13.605 | ng    | 97     |

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

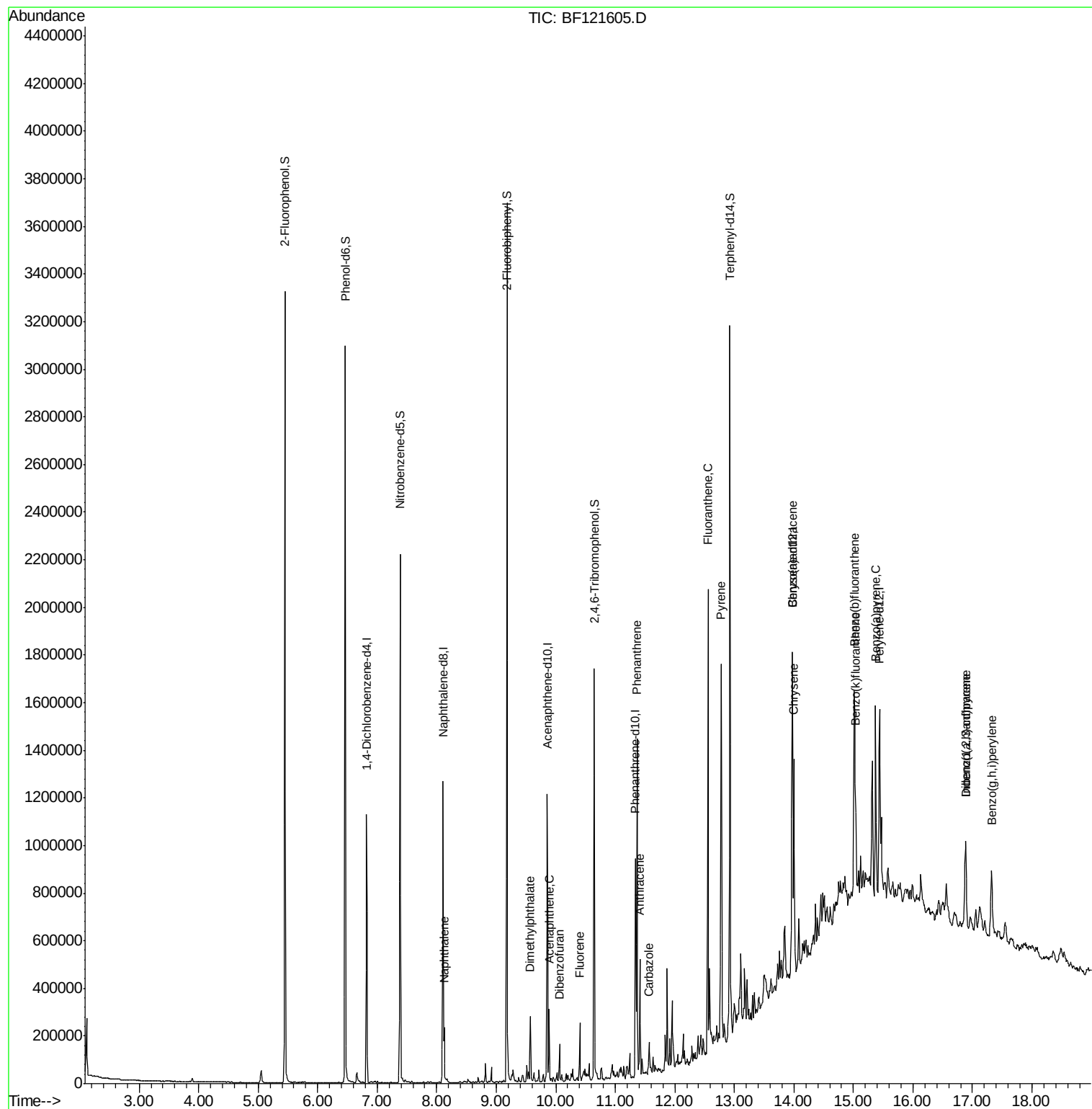
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\  
Data File : BF121605.D  
Acq On : 17 Sep 2020 19:25  
Operator : JU/CG  
Sample : L4038-07  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

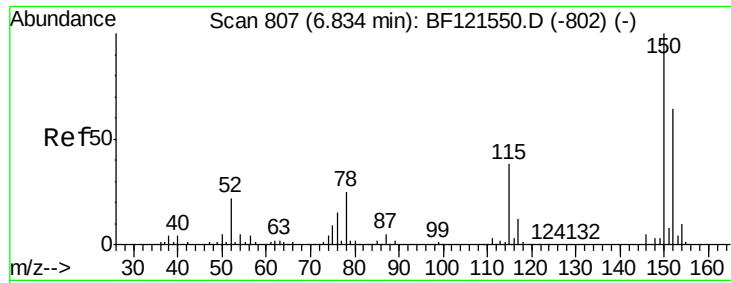
Instrument :  
BNA\_F  
ClientSampleId :  
PAV-091620-DP

Manual Integrations  
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Quant Time: Sep 18 09:57:25 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 10 16:47:54 2020  
Response via : Initial Calibration





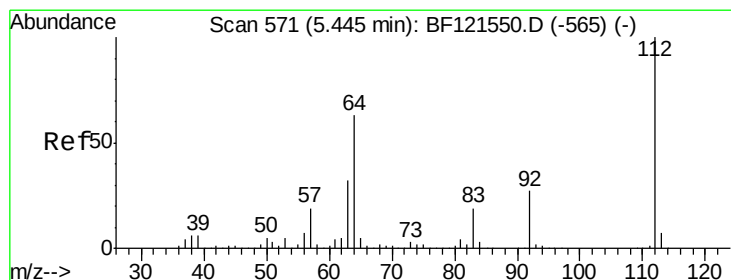
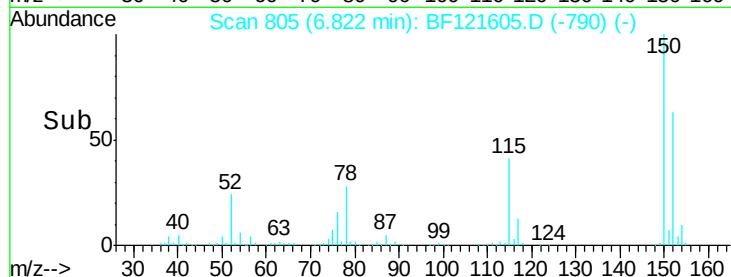
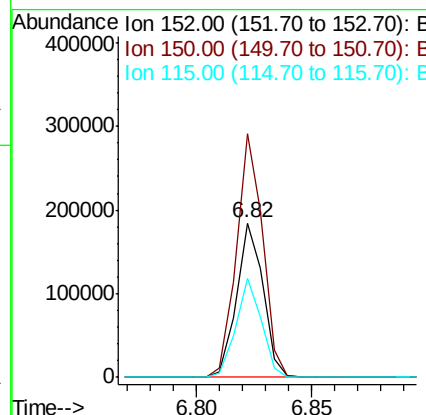
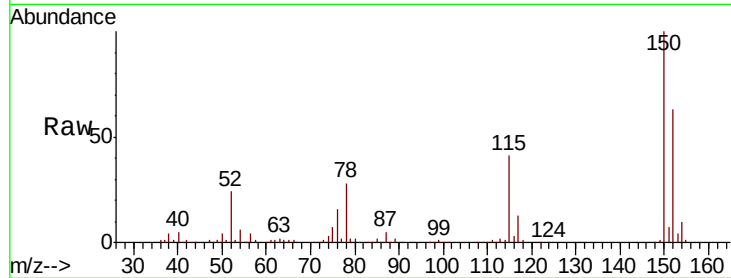
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 125.8 | 188.6 |
| 115     | 63.9  | 47.8  | 71.8  |

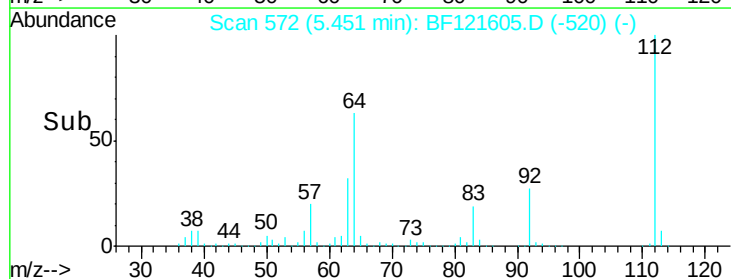
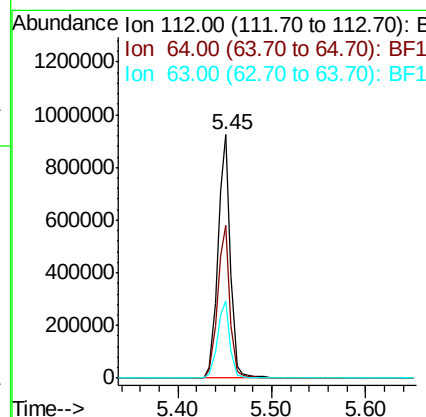
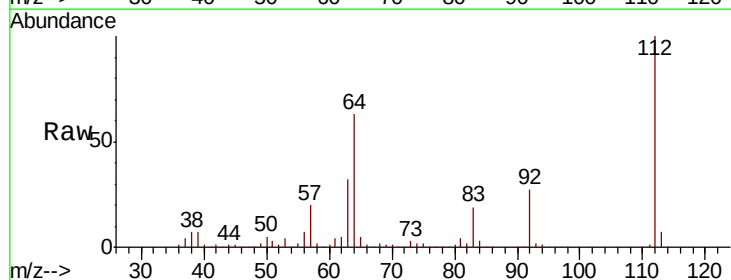
Manual Integrations  
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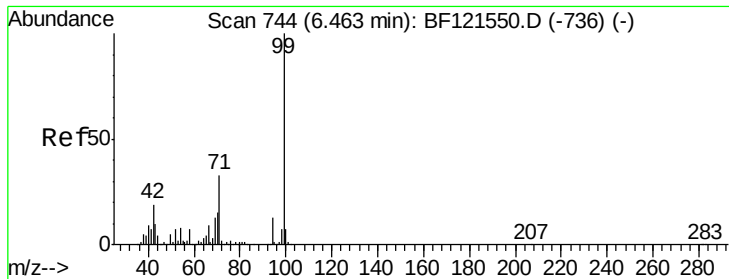
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#5  
 2-Fluorophenol  
 Concen: 87.600 ng  
 RT: 5.45 min Scan# 572  
 Delta R.T. 0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 62.5  | 50.3  | 75.5  |
| 63      | 31.7  | 25.6  | 38.4  |





#7

Phenol-d6

Concen: 80.823 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

ClientSampled :

PAV-091620-DP

Tot Ion: 99 Resp: 1050539

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

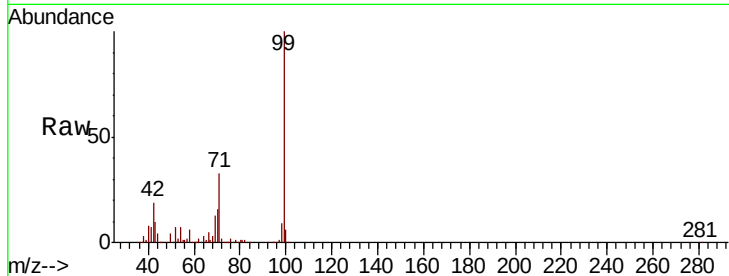
71 33.5 26.1 39.1

Manual Integrations

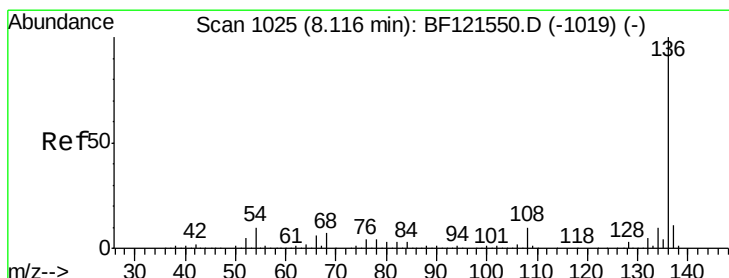
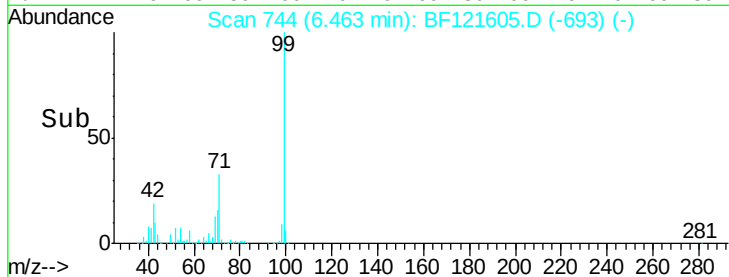
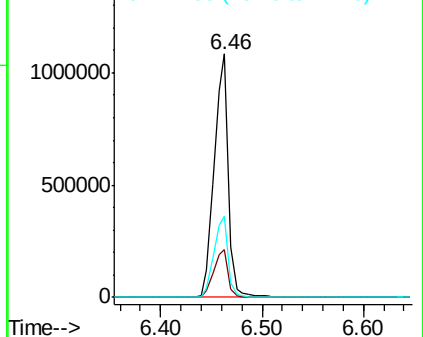
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Tgt Ion: 136 Resp: 518255

Ion Ratio Lower Upper

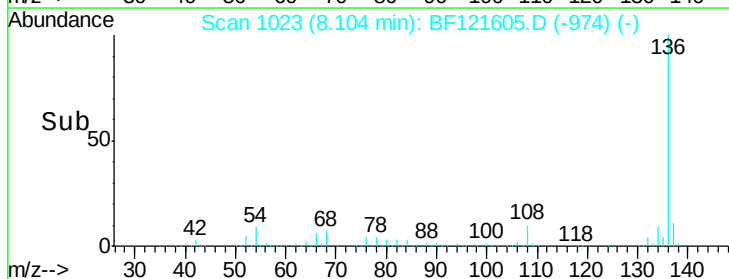
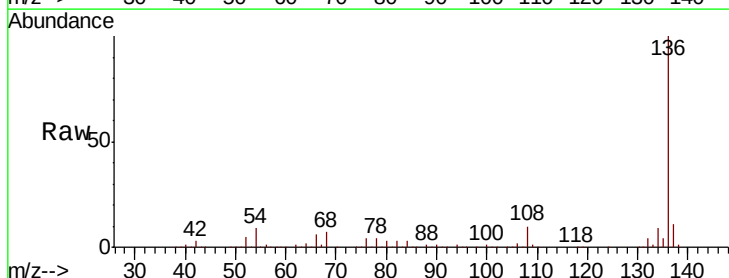
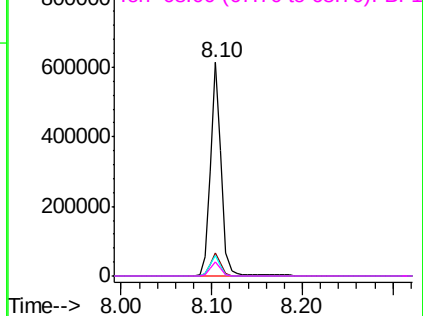
136 100

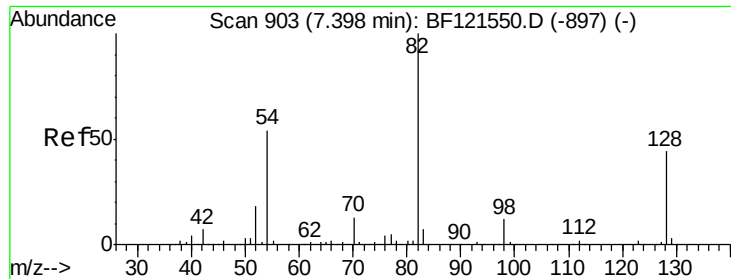
137 11.1 9.0 13.6

54 9.4 7.6 11.4

68 6.9 5.7 8.5

Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1





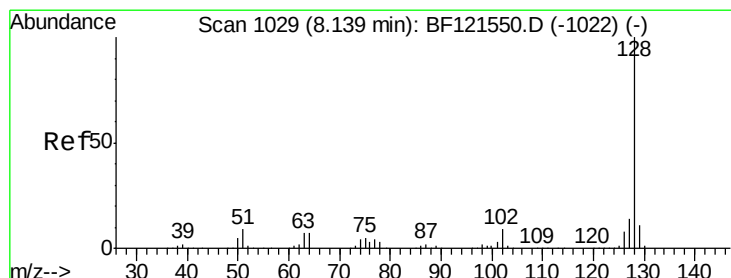
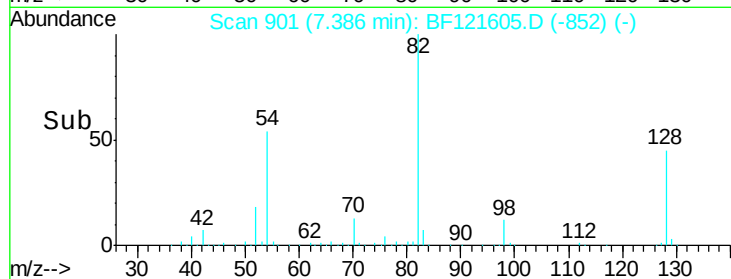
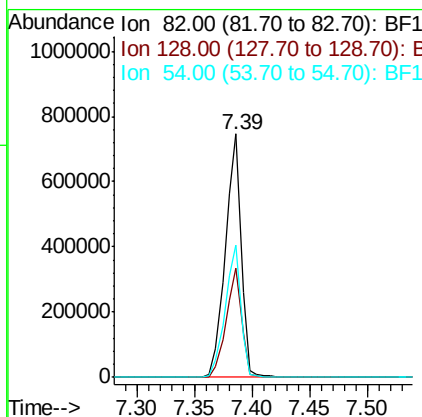
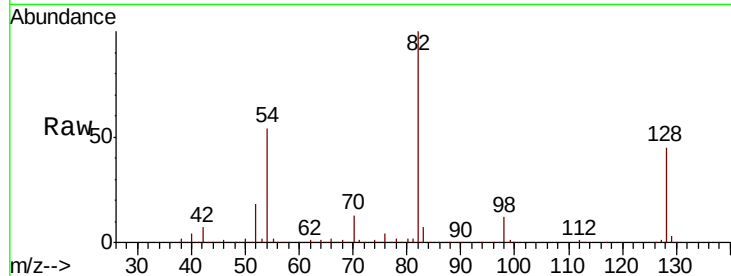
#23  
 Nitrobenzene-d5  
 Concen: 73.778 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.7  | 35.1  | 52.7  |
| 54      | 54.2  | 43.0  | 64.6  |

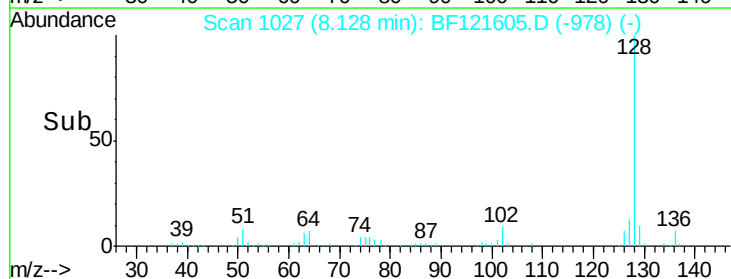
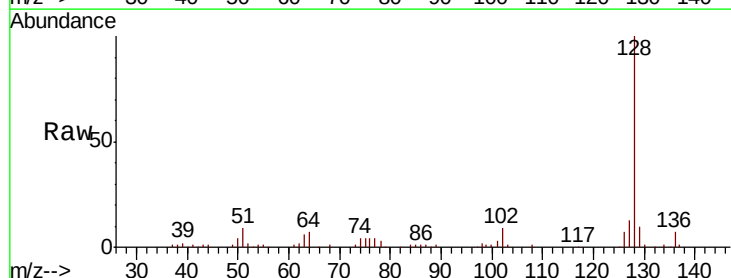
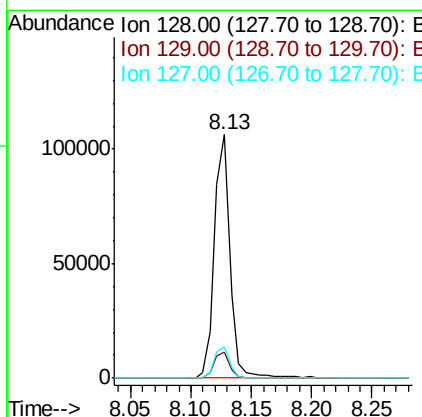
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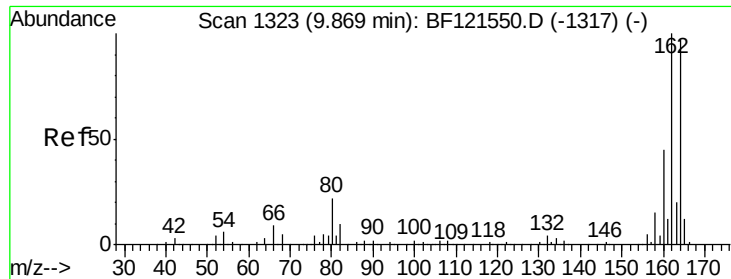
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#31  
 Naphthalene  
 Concen: 3.441 ng  
 RT: 8.13 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 9.1   | 13.7  |
| 127     | 13.0  | 11.0  | 16.6  |





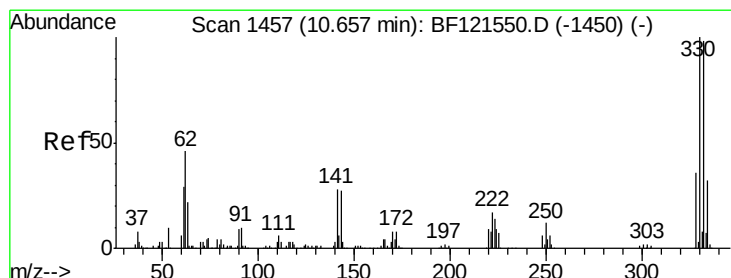
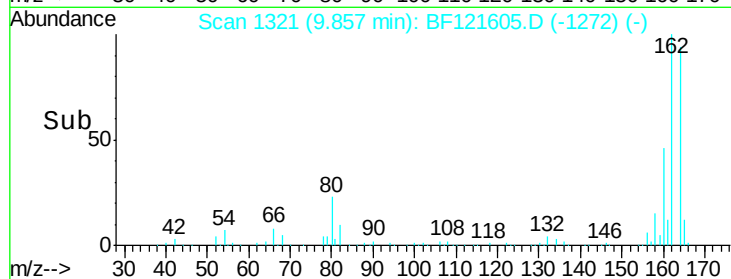
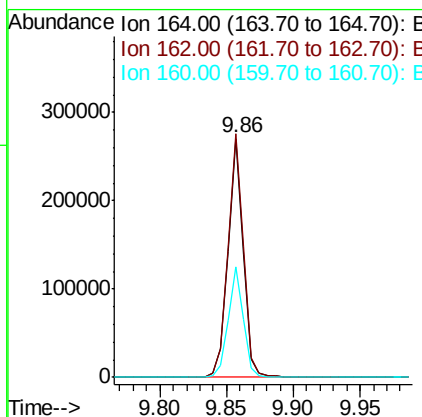
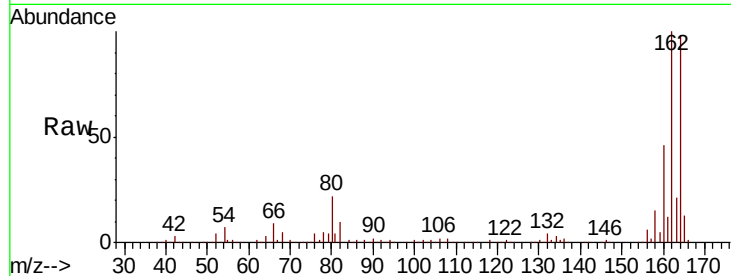
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BF121605.D  
Acq: 17 Sep 2020 19:25

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-091620-DP

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.8 | 82.3 | 123.5 |       |
| 160     | 46.4  | 37.0 | 55.4  |       |

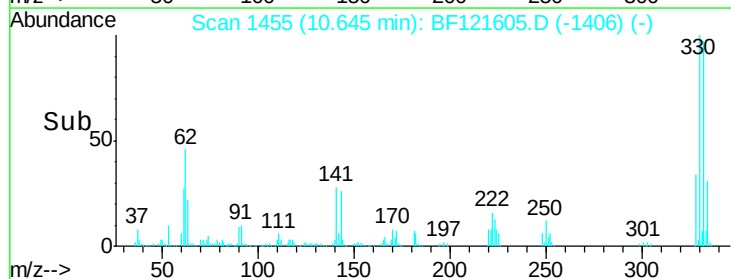
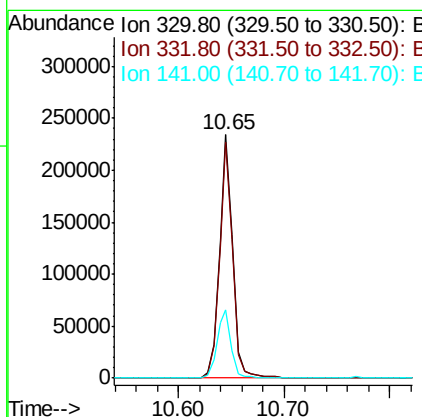
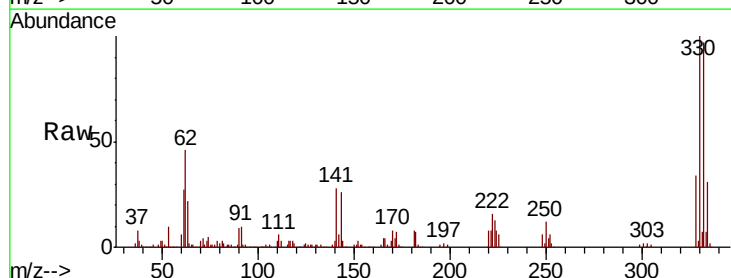
Manual Integrations  
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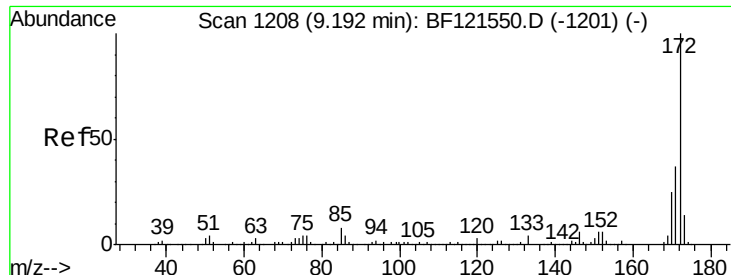
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#42  
2,4,6-Tribromophenol  
Concen: 76.707 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.01 min  
Lab File: BF121605.D  
Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.1  | 77.1 | 115.7 |       |
| 141     | 30.6  | 23.6 | 35.4  |       |





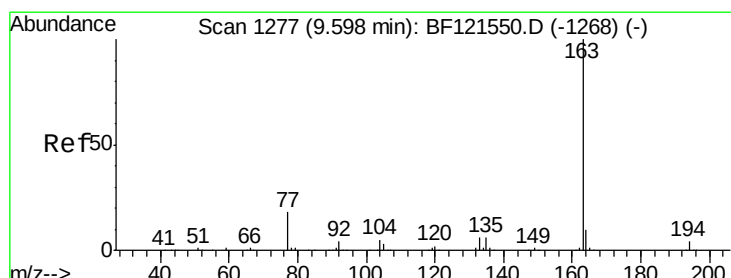
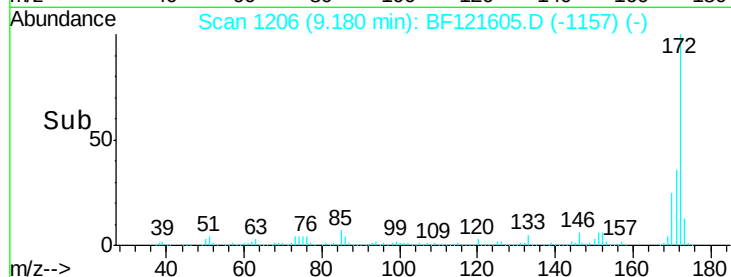
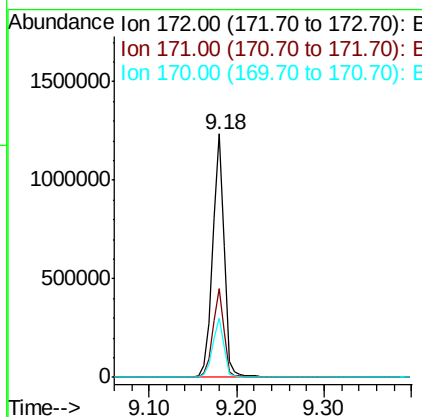
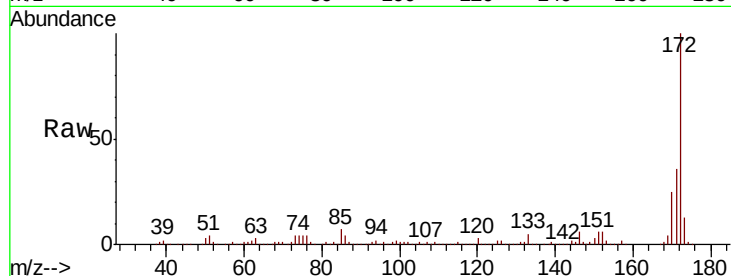
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2-Fluorobiphenyl  
Concen: 78.703 ng  
RT: 9.18 min Scan# 1206  
Delta R.T. -0.01 min  
Lab File: BF121605.D  
Acq: 17 Sep 2020 19:25

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.8  | 44.6  |
| 170     | 24.6  | 19.8  | 29.8  |

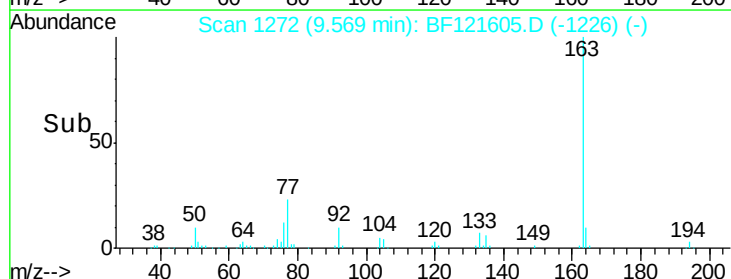
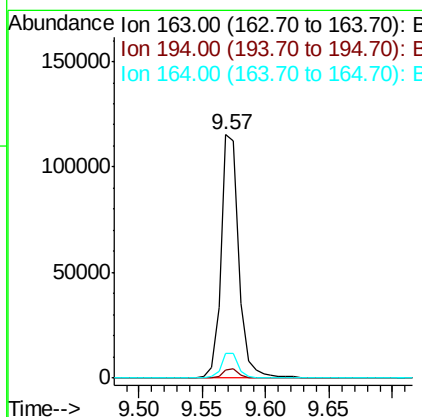
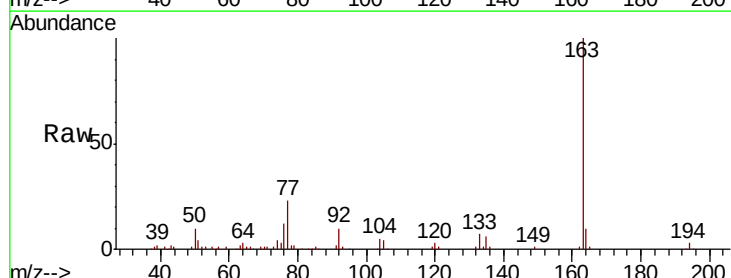
Manual Integrations  
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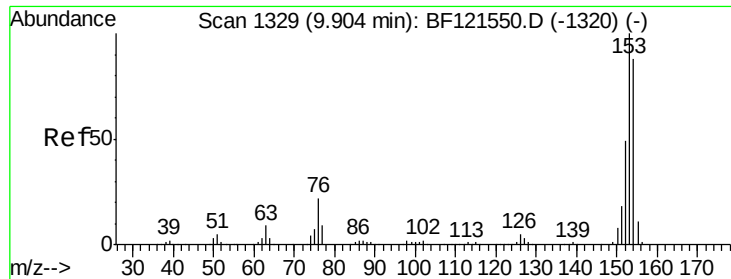
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#50  
Dimethylphthalate  
Concen: 7.138 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. -0.03 min  
Lab File: BF121605.D  
Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.4   | 3.4   | 5.0   |
| 164     | 10.3  | 7.9   | 11.9  |





#52

Acenaphthene

Concen: 4.655 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

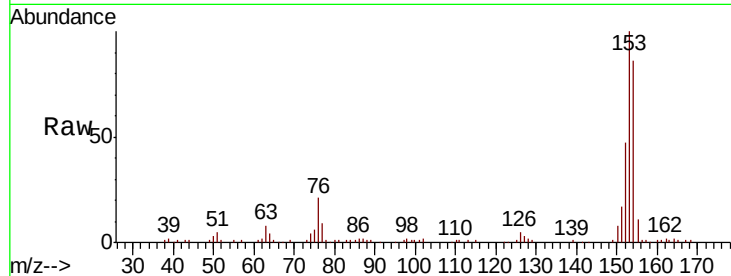
ClientSampleId :

PAV-091620-DP

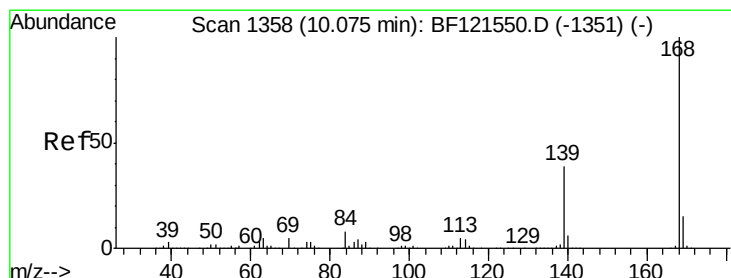
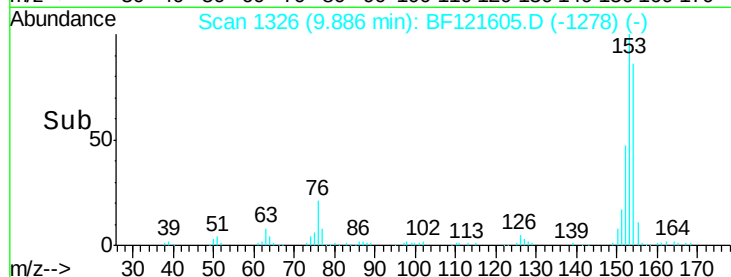
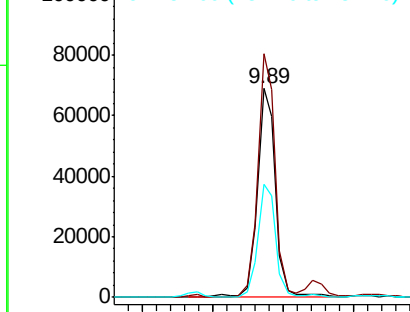
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 62606 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.6 | 91.0  | 136.4 |
| 152       | 54.2  | 44.2  | 66.2  |

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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: 2.806 ng

RT: 10.06 min Scan# 1356

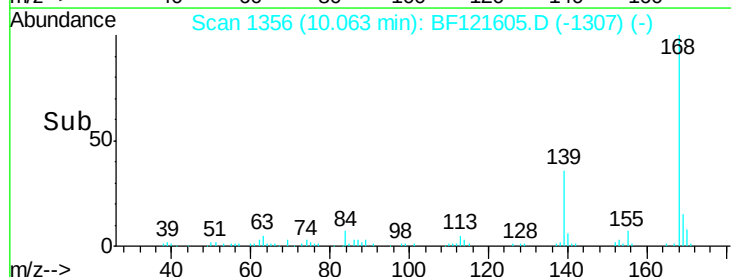
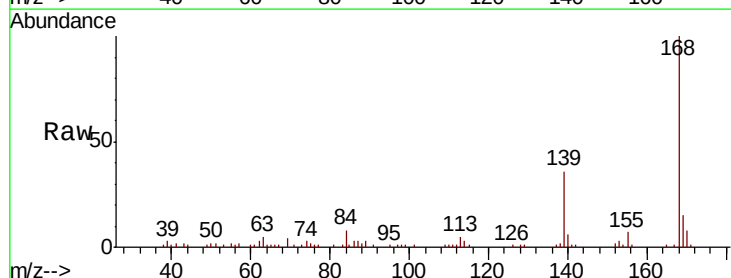
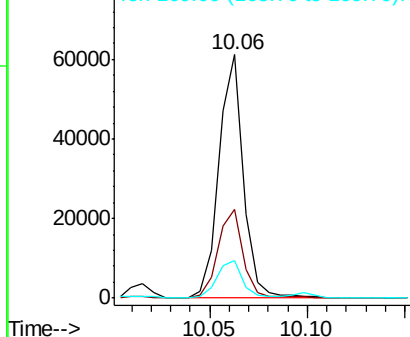
Delta R.T. -0.01 min

Lab File: BF121605.D

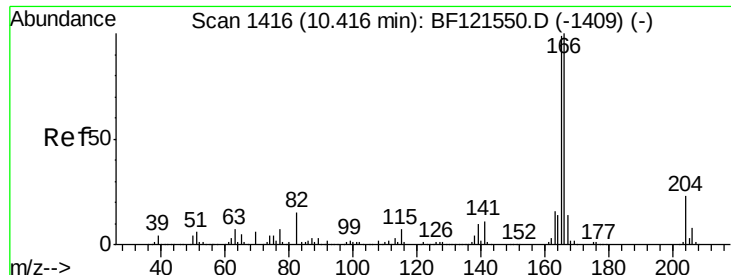
Acq: 17 Sep 2020 19:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 53141 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 36.3  | 31.4  | 47.0  |
| 169       | 15.3  | 11.9  | 17.9  |

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







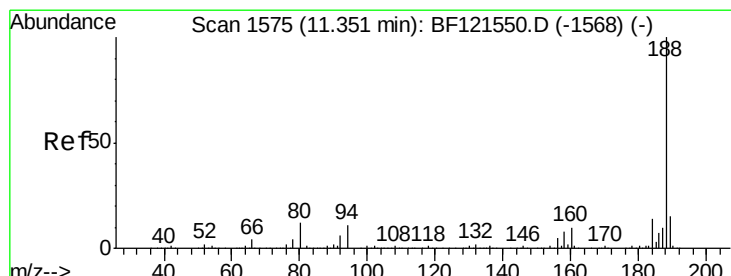
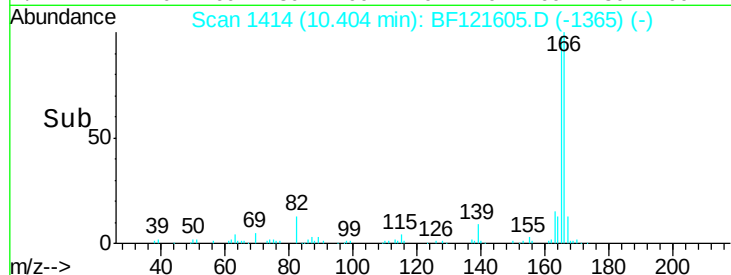
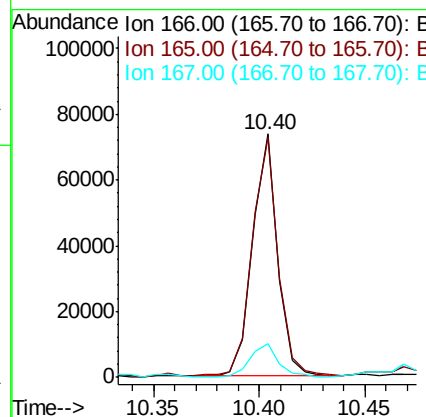
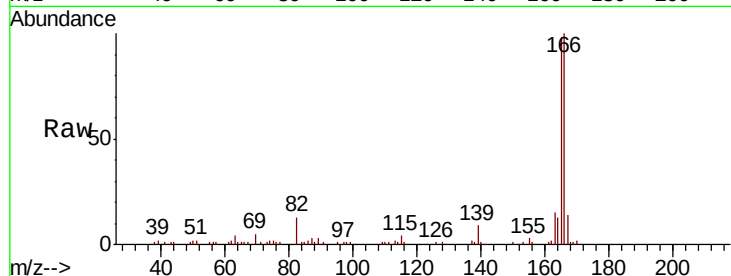
#58  
 Fluorene  
 Concen: 4.166 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PAV-091620-DP

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 166     | 100  |       | 60339 |       |       |
| 165     | 98.3 | 79.0  | 118.4 |       |       |
| 167     | 14.0 | 11.0  | 16.6  |       |       |

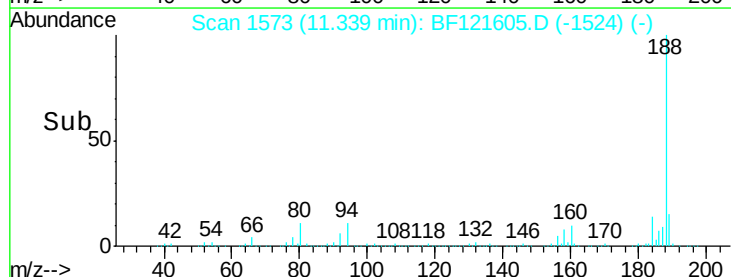
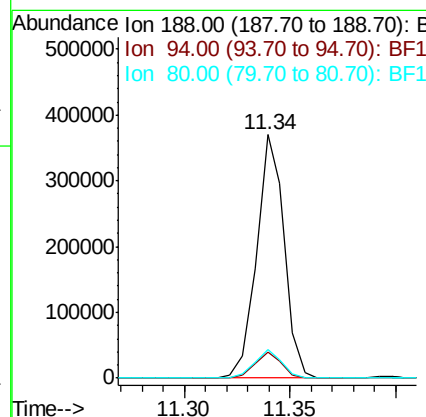
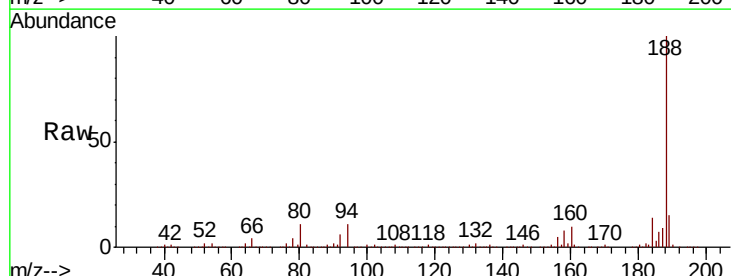
Manual Integrations  
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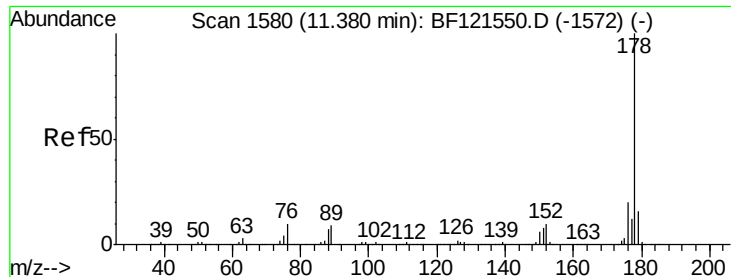
mohammad  
 9/21/2020 10:32:25 AM



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.34 min Scan# 1573  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 335497 |       |       |
| 94      | 10.8 | 8.7   | 13.1   |       |       |
| 80      | 11.5 | 9.3   | 13.9   |       |       |





#71

Phenanthrene

Concen: 28.572 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

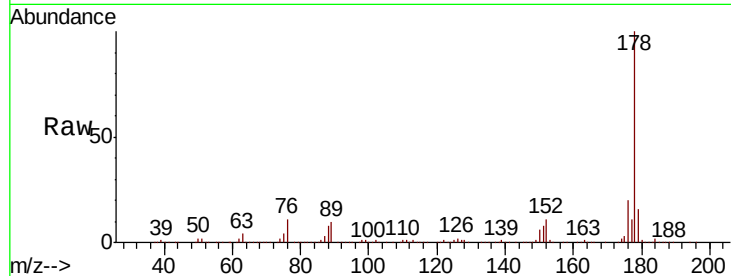
ClientSampleId :

PAV-091620-DP

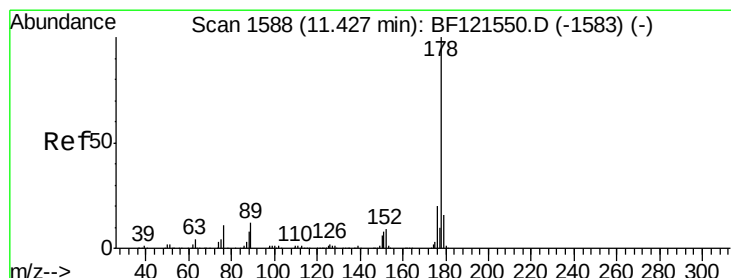
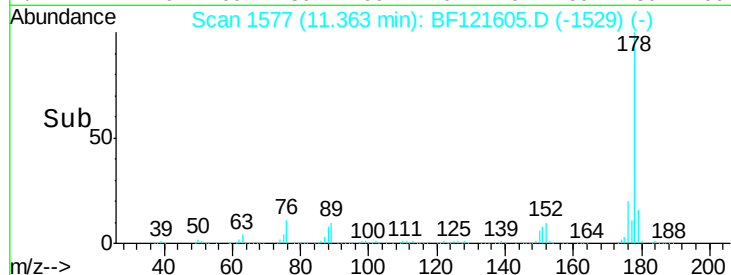
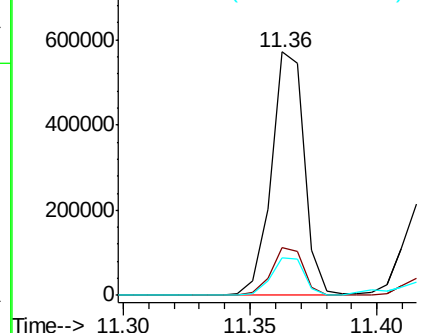
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 522278    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.7  | 16.2 24.4 |
| 179         | 15.5  | 12.6 19.0 |

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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



#72

Anthracene

Concen: 8.656 ng

RT: 11.42 min Scan# 1586

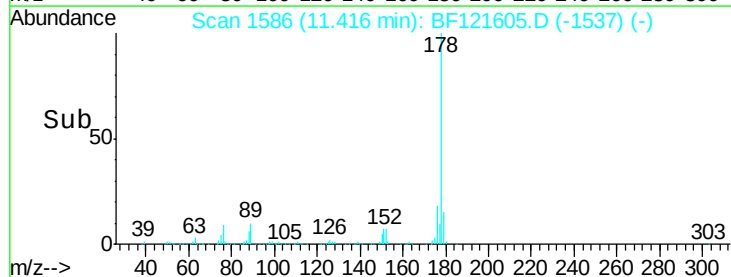
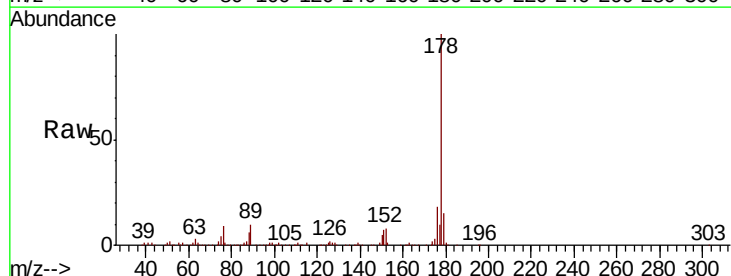
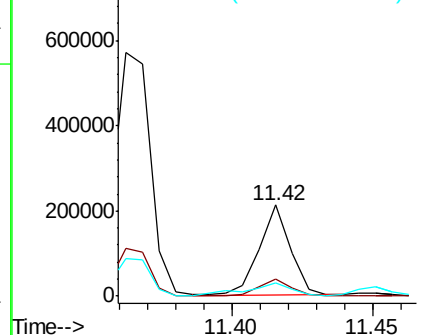
Delta R.T. -0.01 min

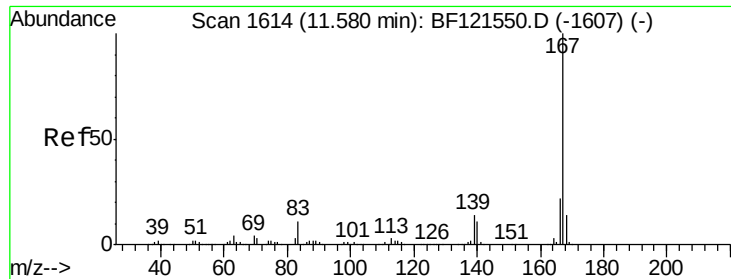
Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 163289    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.0  | 15.7 23.5 |
| 179         | 14.9  | 12.8 19.2 |

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





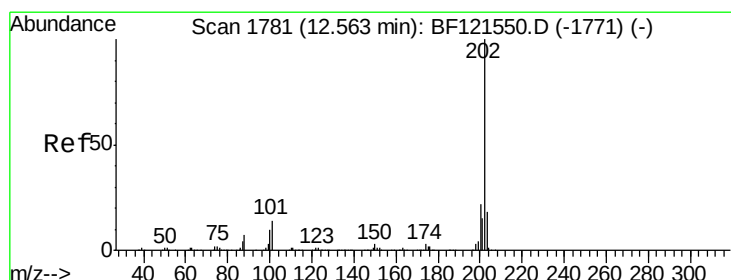
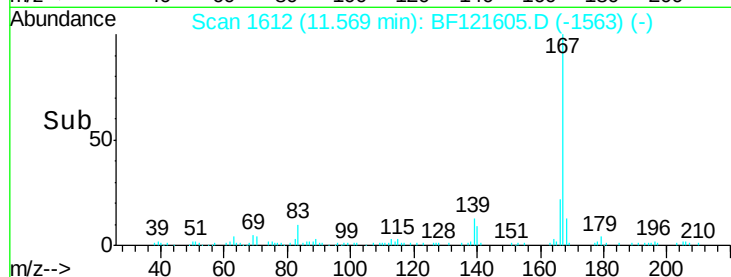
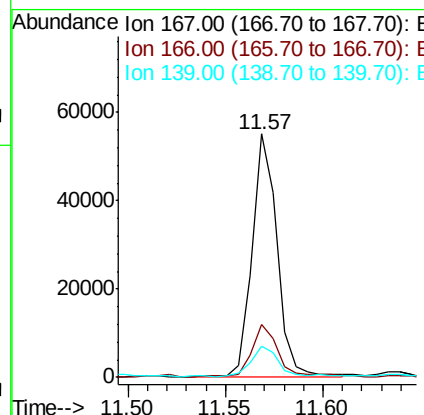
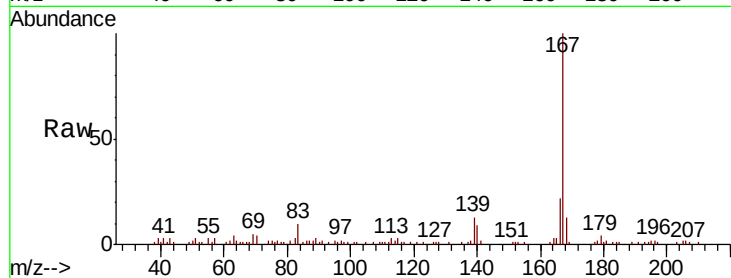
#73  
 Carbazole  
 Concen: 2.895 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 17.9  | 26.9  |
| 139     | 12.6  | 11.2  | 16.8  |

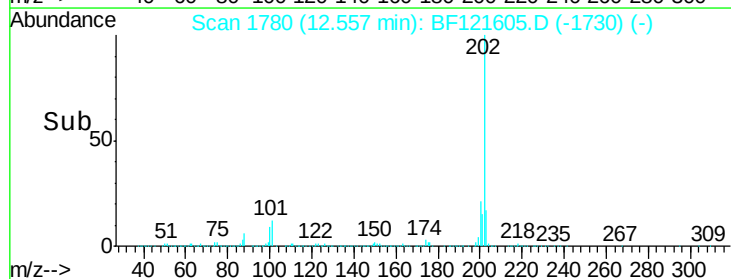
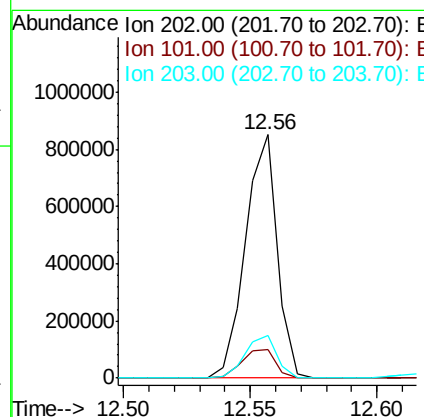
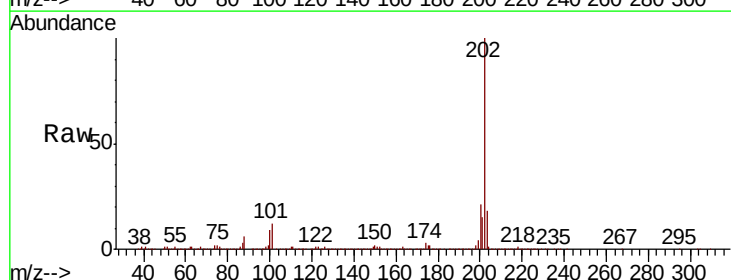
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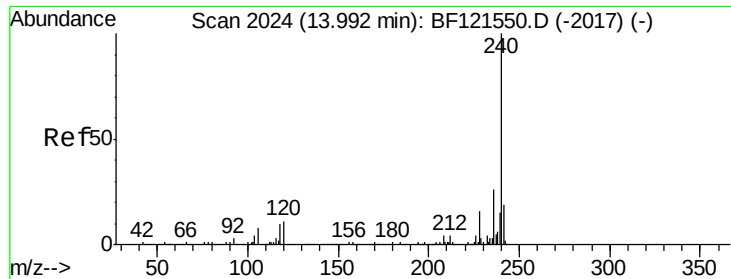
mohammad  
 9/21/2020 10:32:25 AM



#75  
 Fluoranthene  
 Concen: 37.843 ng  
 RT: 12.56 min Scan# 1780  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.6  | 0.0   | 34.0  |
| 203     | 17.5  | 0.0   | 38.2  |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

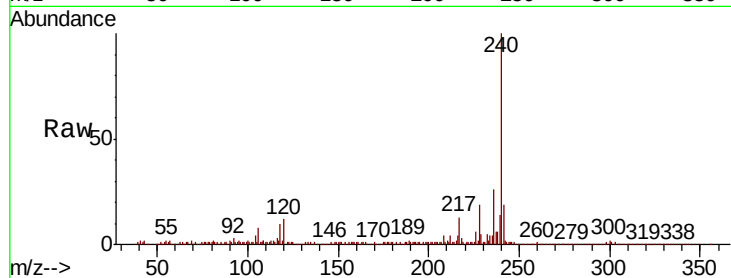
ClientSampleId :

PAV-091620-DP

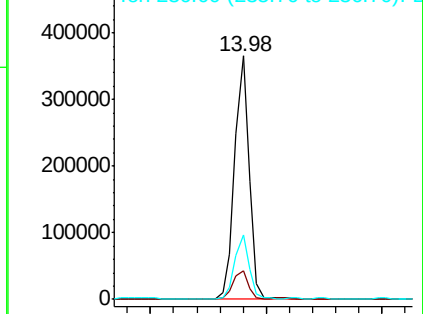
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.6  | 9.2   | 13.8  |
| 236     | 26.2  | 20.5  | 30.7  |

Manual Integrations  
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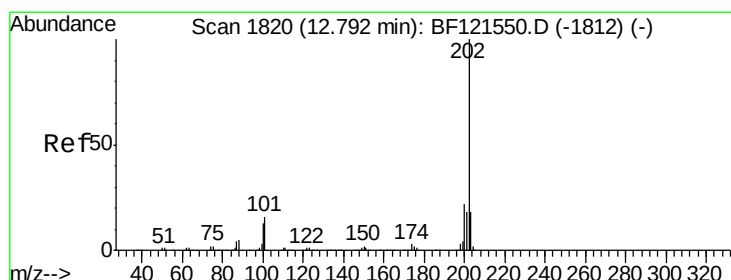
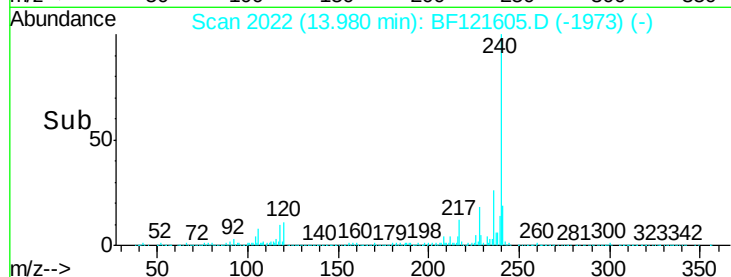
mohammad  
9/21/2020 10:32:25 AM



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



Time-->



#78

Pyrene

Concen: 30.501 ng

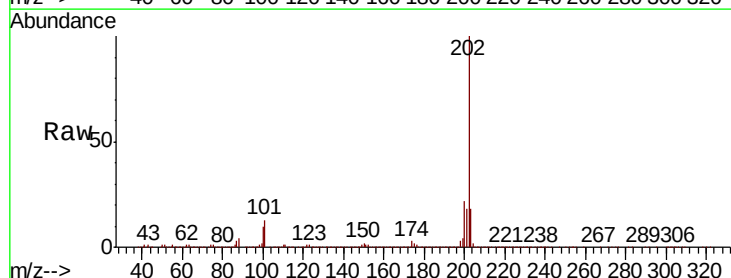
RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

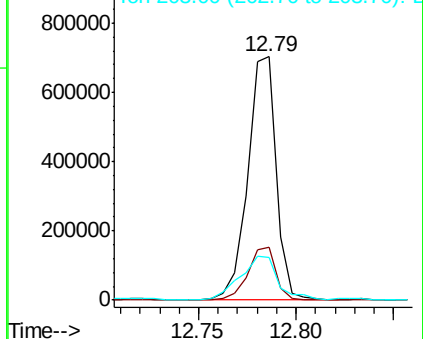
Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

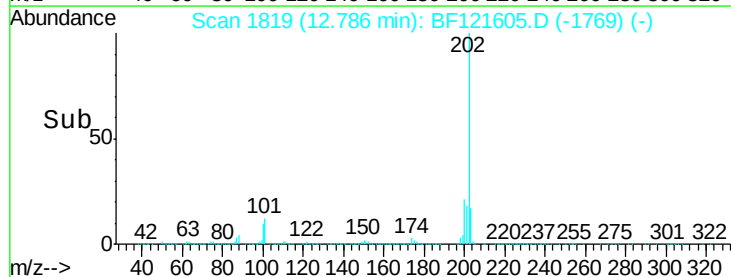
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.8  | 26.8  |
| 203     | 17.7  | 14.6  | 22.0  |

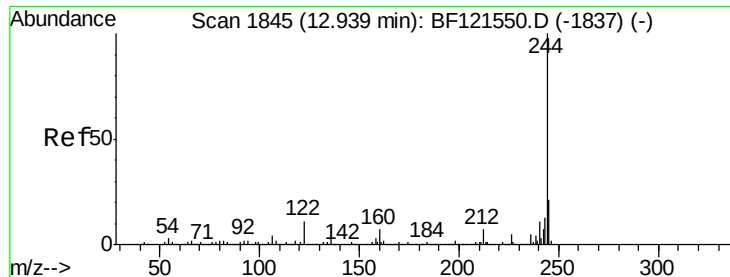


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->





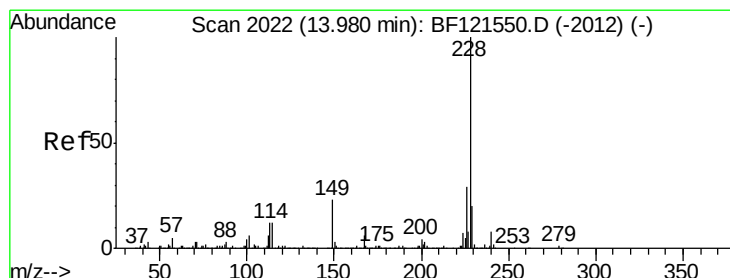
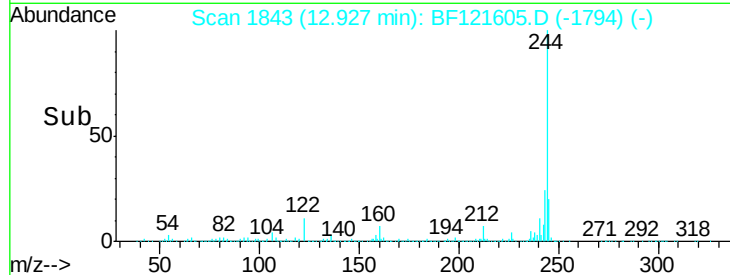
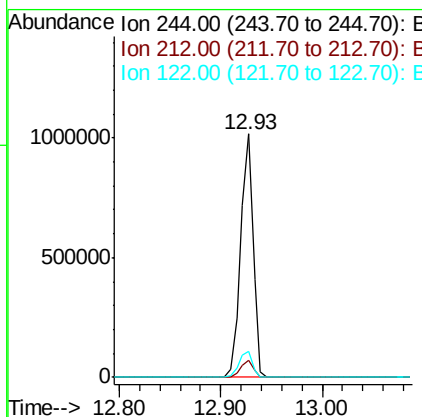
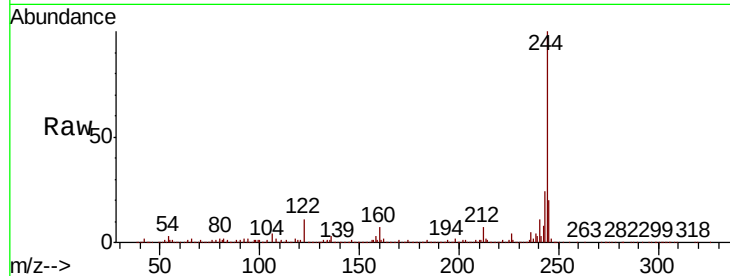
#79  
 Terphenyl-d14  
 Concen: 55.670 ng  
 RT: 12.93 min Scan# 1843  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.7   | 8.5   |
| 122     | 10.9  | 8.7   | 13.1  |

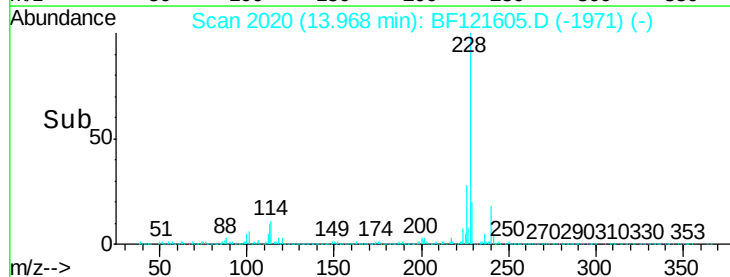
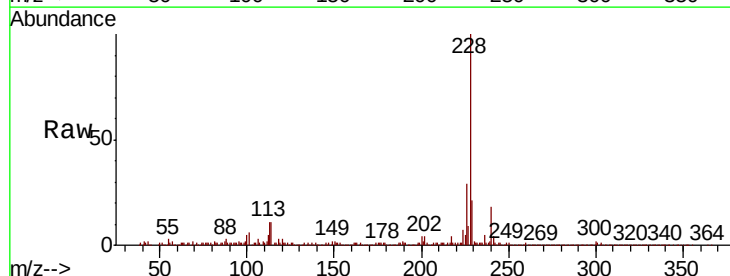
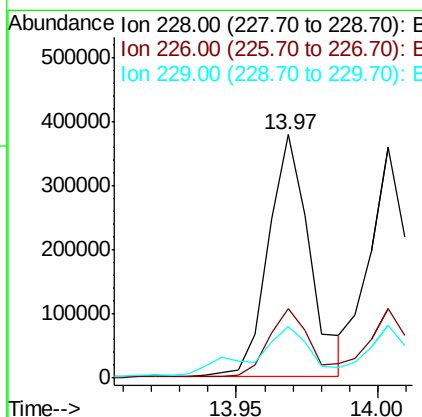
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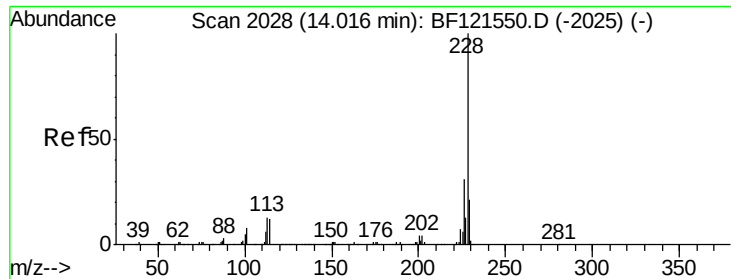
mohammad  
 9/21/2020 10:32:25 AM



#81  
 Benzo(a)anthracene  
 Concen: 19.145 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 22.9  | 34.3  |
| 229     | 21.2  | 16.3  | 24.5  |





#83

Chrysene

Concen: 15.870 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

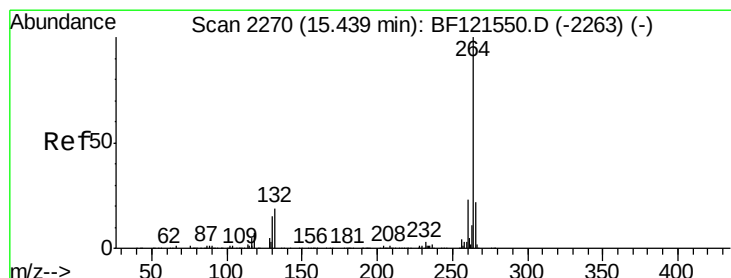
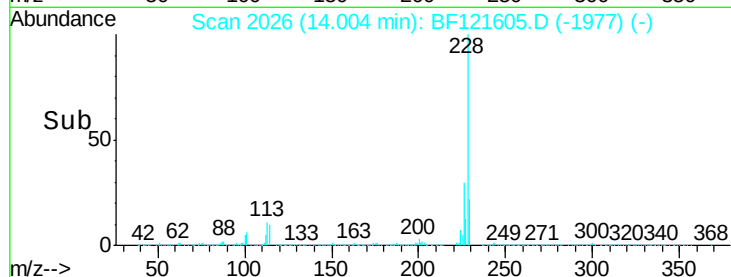
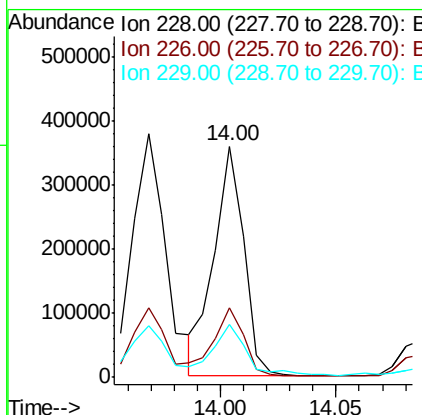
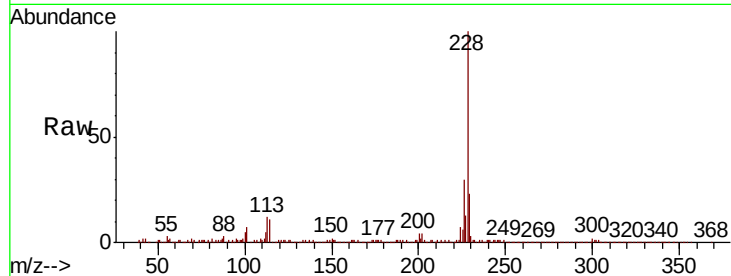
ClientSampleID :

PAV-091620-DP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 322554 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 25.1  | 37.7   |
| 229       | 22.9  | 16.6  | 25.0   |

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mohammad  
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#86

Perylene-d12

Concen: 20.000 ng

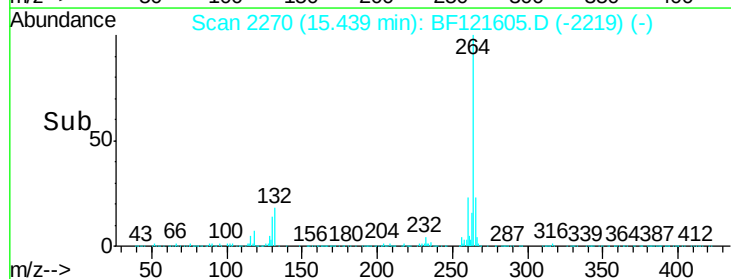
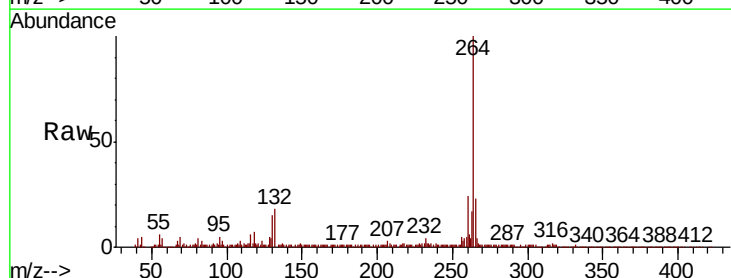
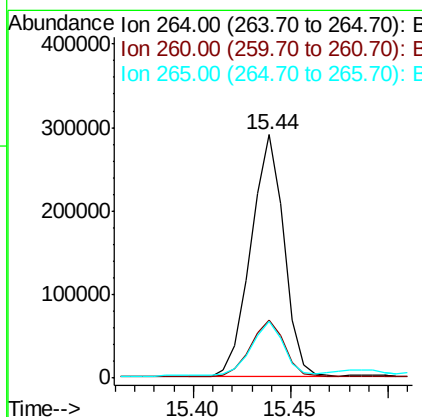
RT: 15.44 min Scan# 2270

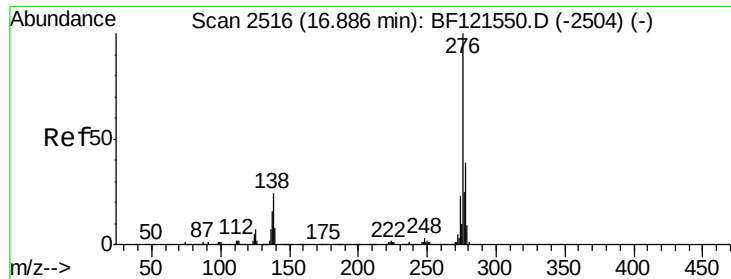
Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 341048 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.0  | 18.8  | 28.2   |
| 265       | 23.4  | 17.8  | 26.6   |





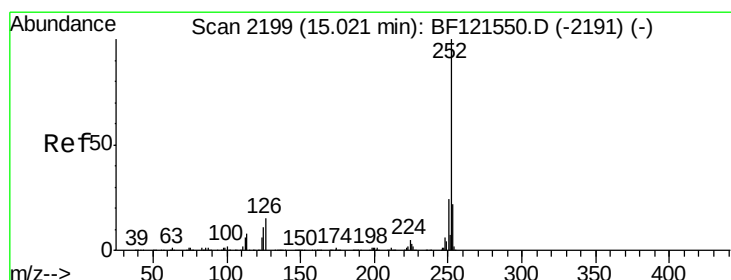
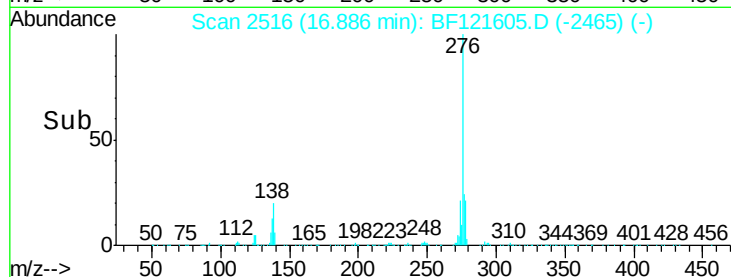
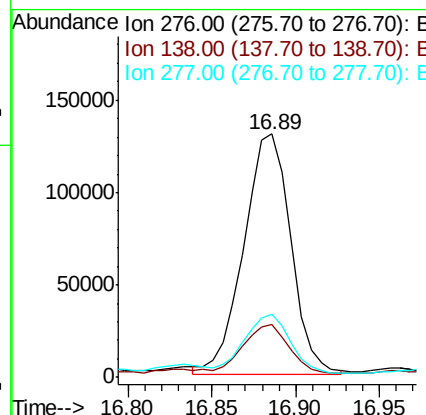
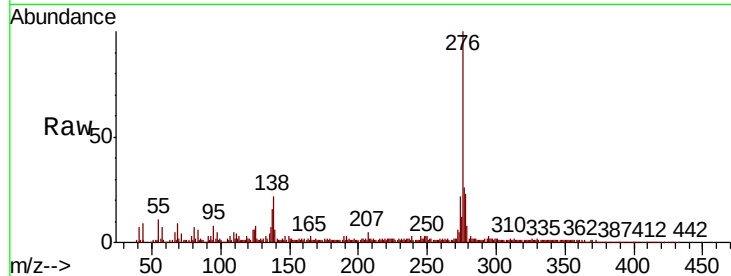
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 11.375 ng m  
 RT: 16.89 min Scan# 2516  
 Delta R.T. -0.00 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-091620-DP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 3.9   | 20.6  | 31.0# |
| 277     | 4.7   | 20.2  | 30.4# |

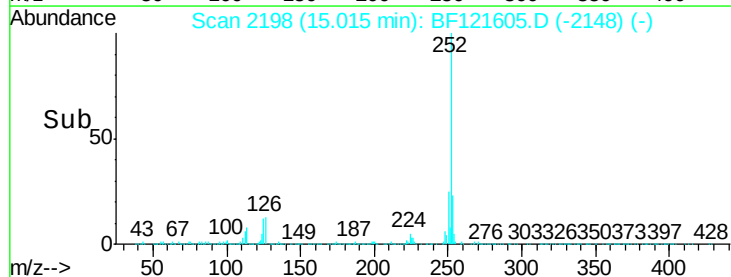
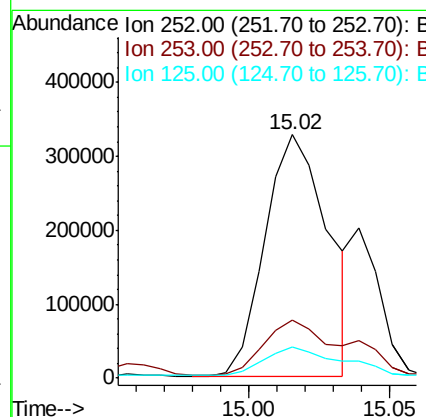
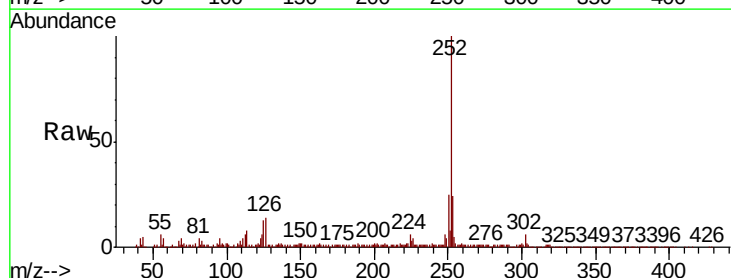
Manual Integrations  
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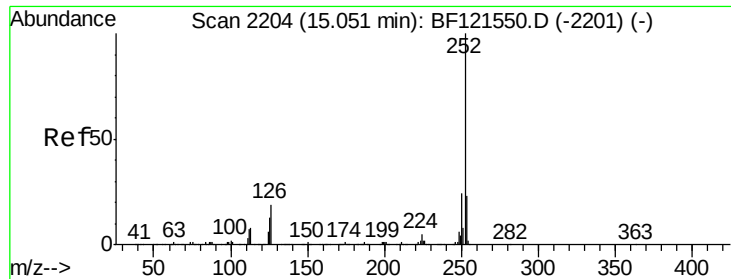
mohammad  
 9/21/2020 10:32:25 AM



#88  
 Benzo(b)fluoranthene  
 Concen: 22.285 ng m  
 RT: 15.02 min Scan# 2198  
 Delta R.T. -0.01 min  
 Lab File: BF121605.D  
 Acq: 17 Sep 2020 19:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 17.9  | 26.9  |
| 125     | 12.6  | 9.2   | 13.8  |





#89

Benzo(k)fluoranthene

Concen: 6.616 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

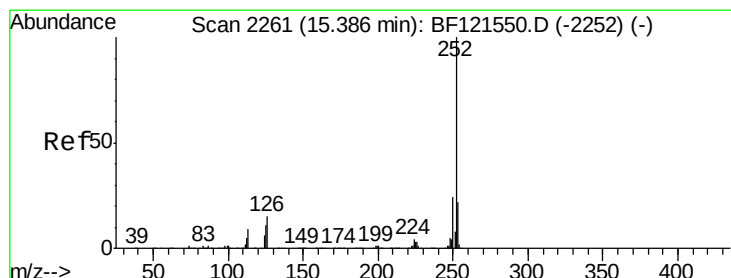
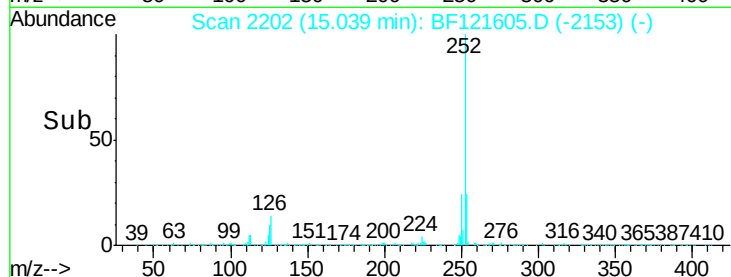
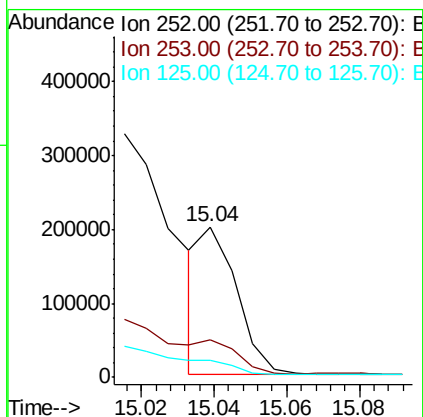
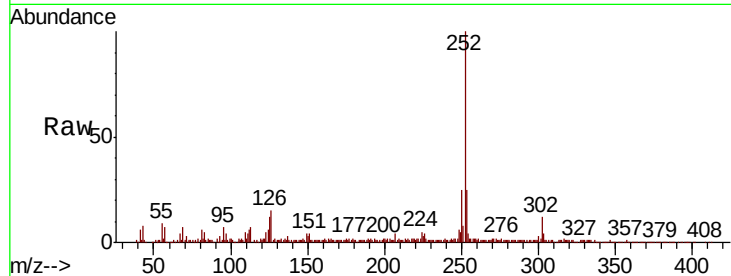
ClientSampleId :

PAV-091620-DP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 138129 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 25.1  | 17.8  | 26.8   |
| 125       | 11.7  | 9.8   | 14.6   |

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 20.635 ng

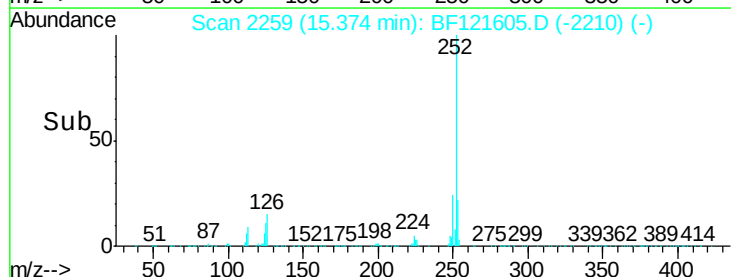
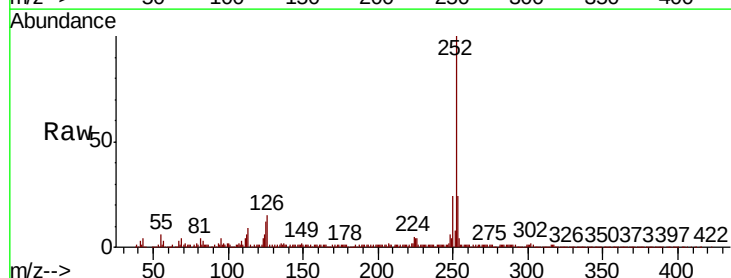
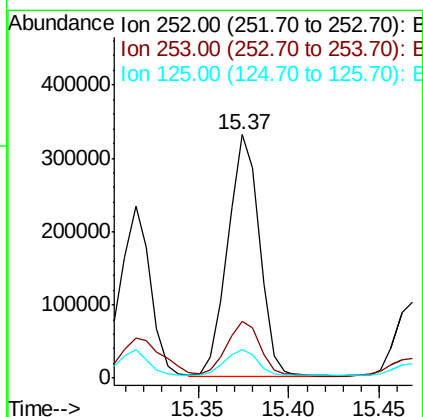
RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

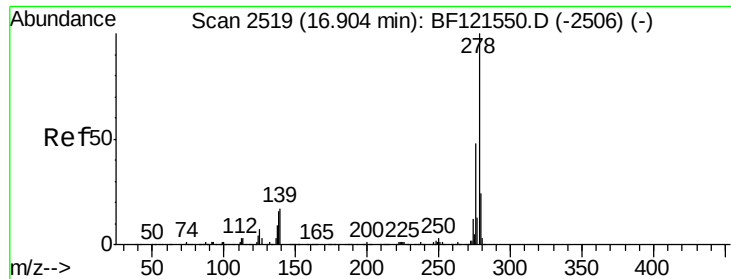
Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 399916 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.5  | 17.5  | 26.3   |
| 125       | 12.0  | 9.0   | 13.4   |







#91

Dibenzo(a,h)anthracene

Concen: 3.357 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

Instrument :

BNA\_F

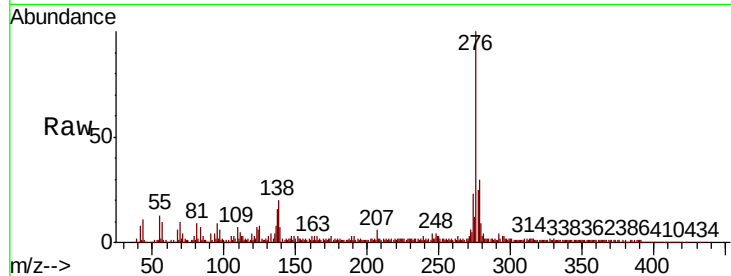
ClientSampleId :

PAV-091620-DP

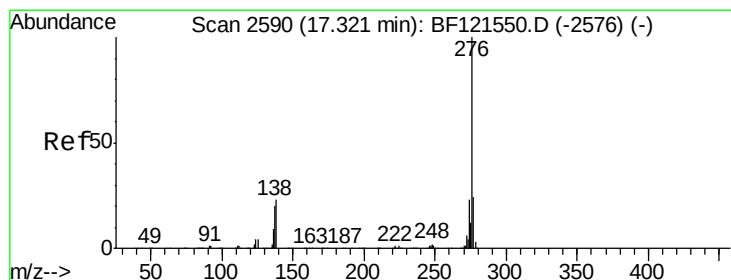
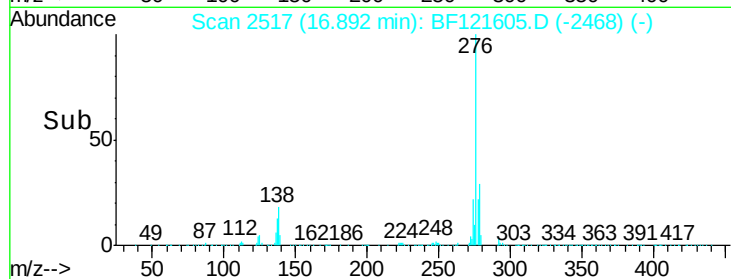
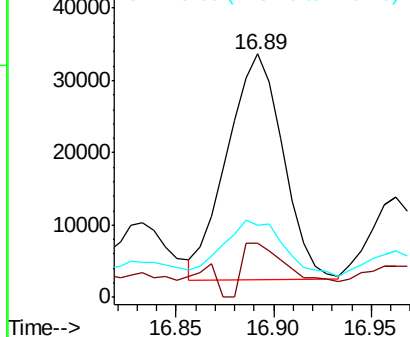
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 278   | Resp: | 62071 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 22.2  | 13.9  | 20.9# |
| 279       | 29.7  | 19.2  | 28.8# |

Manual Integrations  
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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 13.605 ng

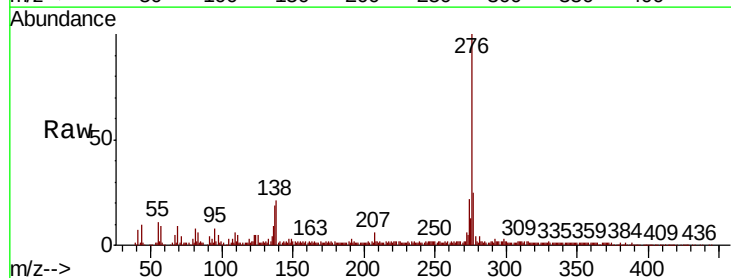
RT: 17.32 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BF121605.D

Acq: 17 Sep 2020 19:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 247249 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 25.4  | 19.4  | 29.0   |
| 138       | 21.4  | 18.7  | 28.1   |



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

