

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\  
 Data File : BF117755.D  
 Acq On : 12 Nov 2019 12:32  
 Operator : JU  
 Sample : K5777-05DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AOC-7-NORTH-(10)DL

Manual Integrations  
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Quant Time: Nov 12 14:47:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 12 13:32:26 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.92  | 152  | 281257   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.21  | 136  | 1056871  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.97  | 164  | 534731   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.47 | 188  | 889657   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.12 | 240  | 577950   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 773076   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 332207   | 21.38 | ng    | -0.01    |
| 7) Phenol-d6                | 6.53  | 99   | 430597   | 22.48 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.48  | 82   | 234248   | 13.09 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.76 | 330  | 95085    | 18.18 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 362298   | 13.37 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.05 | 244  | 296639   | 10.57 | ng    | -0.01    |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 31) Naphthalene            | 8.23  | 128  | 395234   | 8.182  | ng    | 98     |
| 37) 2-Methylnaphthalene    | 8.93  | 142  | 381414   | 11.598 | ng    | 99     |
| 38) 1-Methylnaphthalene    | 9.03  | 142  | 300967   | 9.637  | ng    | 100    |
| 49) Acenaphthylene         | 9.83  | 152  | 202177   | 4.467  | ng    | 97     |
| 58) Fluorene               | 10.52 | 166  | 273730   | 9.088  | ng    | 100    |
| 71) Phenanthrene           | 11.49 | 178  | 1546554  | 36.268 | ng    | 99     |
| 72) Anthracene             | 11.54 | 178  | 221381   | 5.218  | ng    | 96     |
| 75) Fluoranthene           | 12.69 | 202  | 748274   | 17.185 | ng    | 97     |
| 78) Pyrene                 | 12.92 | 202  | 1156276  | 27.407 | ng    | 97     |
| 81) Benzo(a)anthracene     | 14.10 | 228  | 482600   | 13.415 | ng    | 93     |
| 83) Chrysene               | 14.14 | 228  | 442134   | 12.445 | ng    | 99     |
| 86) Indeno(1,2,3-cd)pyrene | 17.15 | 276  | 219266   | 6.631  | ng    | 96     |
| 88) Benzo(b)fluoranthene   | 15.18 | 252  | 423256m  | 8.693  | ng    |        |
| 89) Benzo(k)fluoranthene   | 15.20 | 252  | 117926m  | 2.716  | ng    |        |
| 90) Benzo(a)pyrene         | 15.56 | 252  | 337104   | 7.987  | ng    | 99     |
| 92) Benzo(g,h,i)perylene   | 17.62 | 276  | 251244   | 6.849  | ng    | 98     |

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

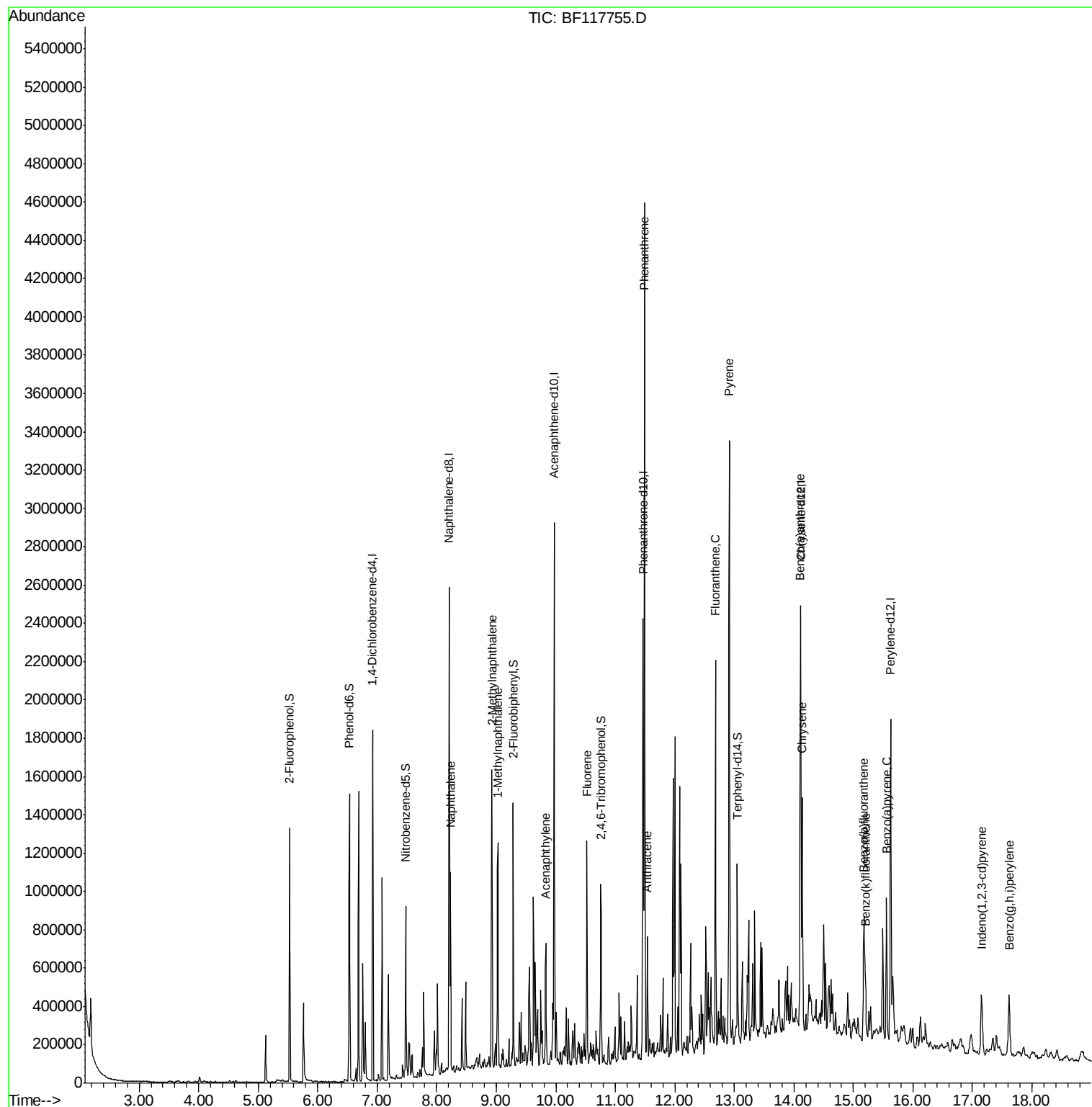
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\  
Data File : BF117755.D  
Acq On : 12 Nov 2019 12:32  
Operator : JU  
Sample : K5777-05DL 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

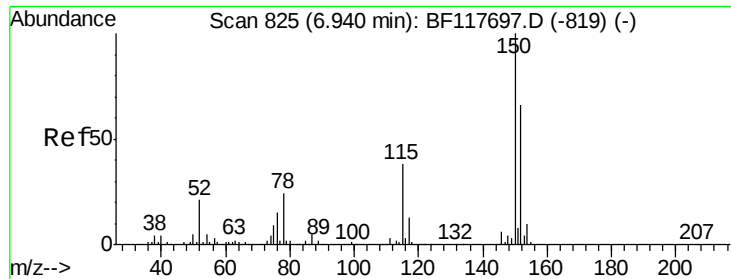
Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

Quant Time: Nov 12 14:47:05 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 12 13:32:26 2019  
Response via : Initial Calibration

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#1

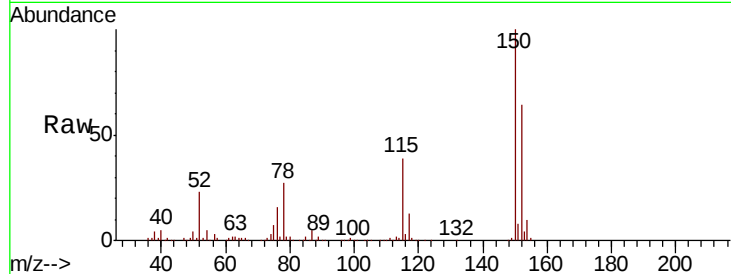
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 126.6 | 190.0 |
| 115     | 60.9  | 47.6  | 71.4  |

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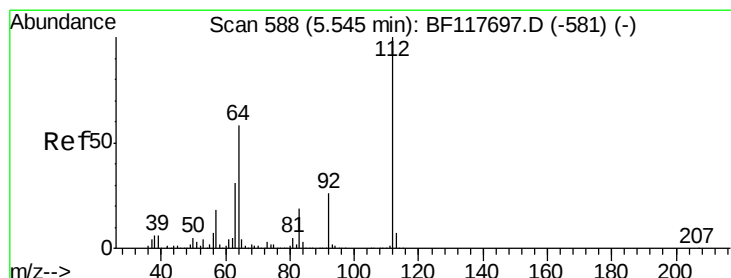
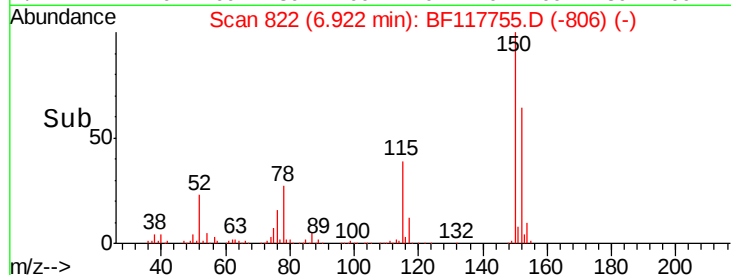
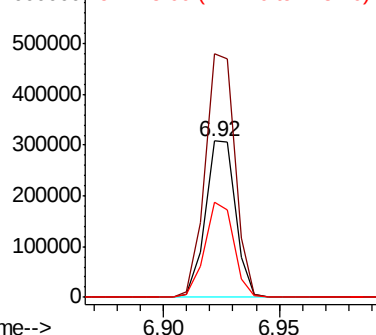


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

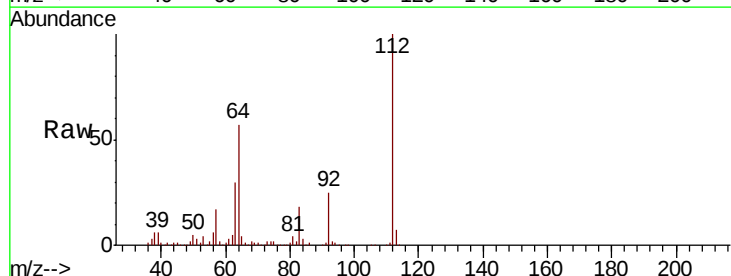
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 21.381 ng  
RT: 5.53 min Scan# 585  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.4  | 43.5  | 65.3  |
| 63      | 29.8  | 23.5  | 35.3  |

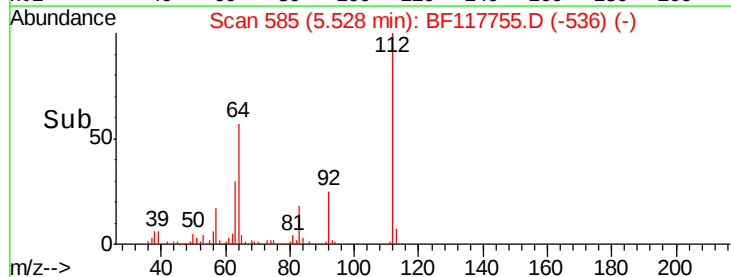
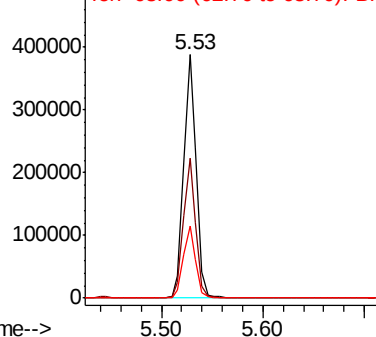


Abundance

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: 22.476 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117755.D

Acq: 12 Nov 2019 12:32

Instrument :

BNA\_F

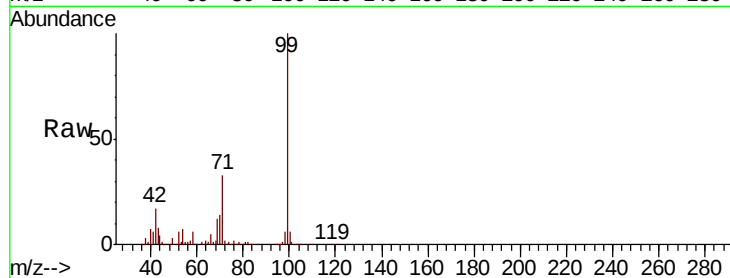
ClientSampleId :

AOC-7-NORTH-(10)DL

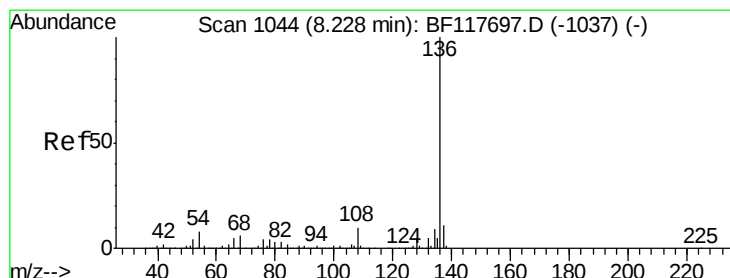
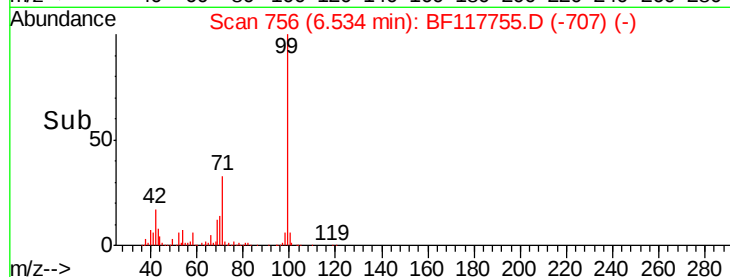
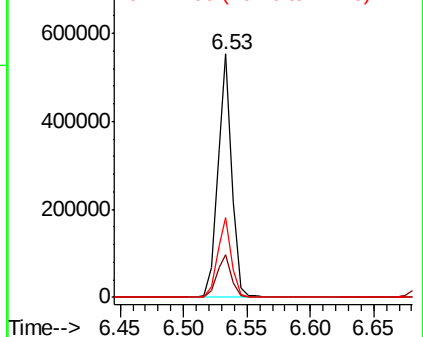
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 430597 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.4  | 15.3  | 22.9   |
| 71        | 33.0  | 28.2  | 42.2   |

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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: 8.21 min Scan# 1041

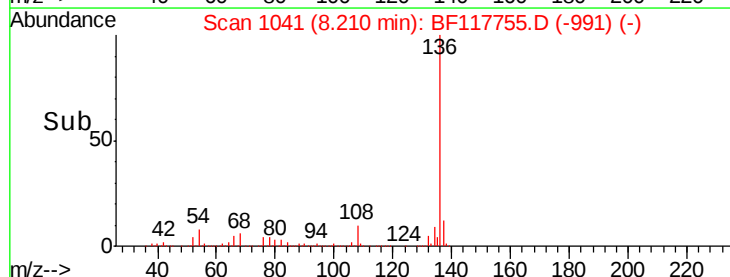
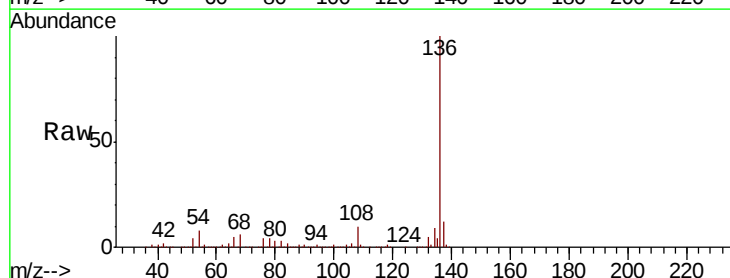
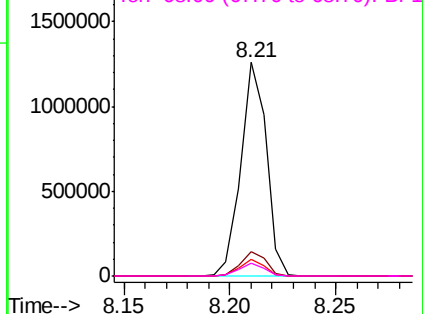
Delta R.T. -0.01 min

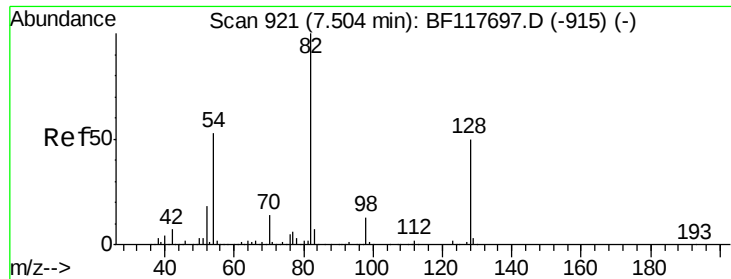
Lab File: BF117755.D

Acq: 12 Nov 2019 12:32

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 136   | Resp: | 1056871 |
| Ion Ratio | Lower | Upper |         |
| 136       | 100   |       |         |
| 137       | 11.6  | 9.0   | 13.6    |
| 54        | 8.0   | 6.1   | 9.1     |
| 68        | 6.0   | 4.6   | 7.0     |

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





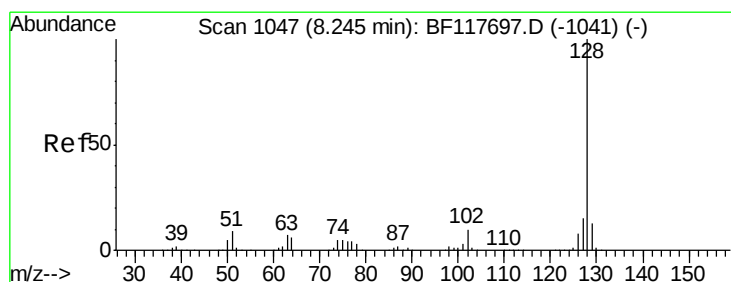
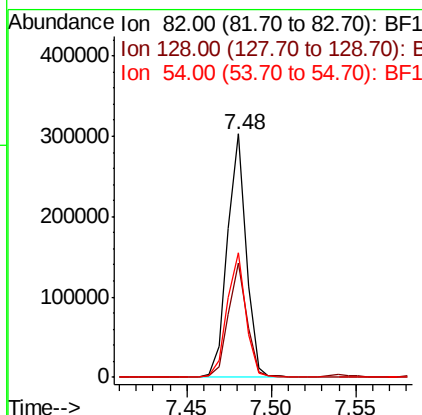
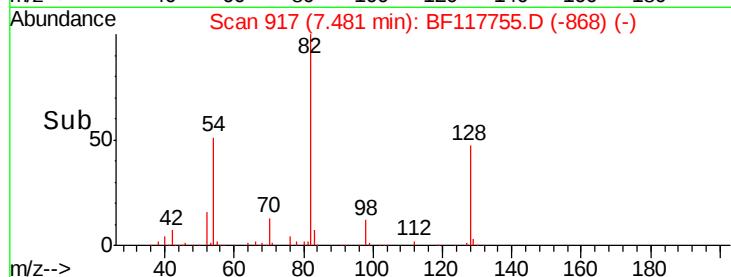
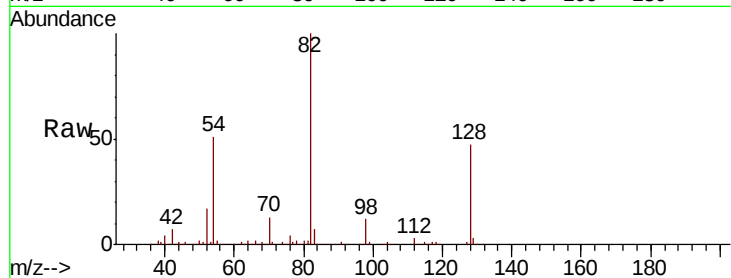
#23  
Nitrobenzene-d5  
Concen: 13.086 ng  
RT: 7.48 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion   | 82    | Resp  | 234248 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.9  | 38.7  | 58.1   |
| 54        | 51.1  | 41.4  | 62.2   |

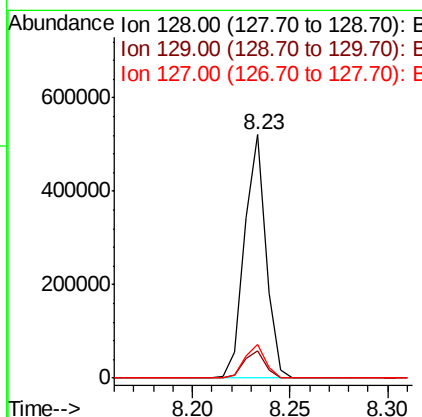
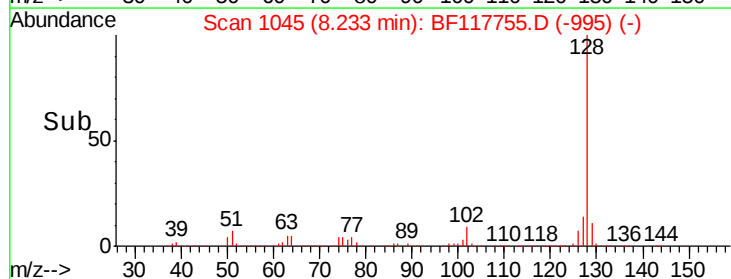
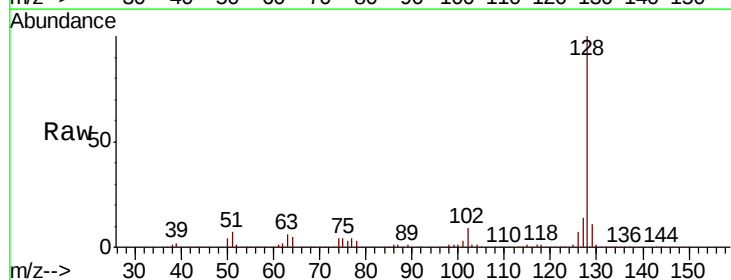
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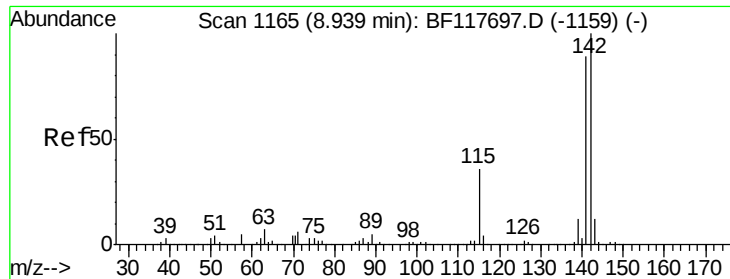
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#31  
Naphthalene  
Concen: 8.182 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion   | 128   | Resp  | 395234 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.3  | 9.6   | 14.4   |
| 127       | 13.6  | 11.4  | 17.2   |





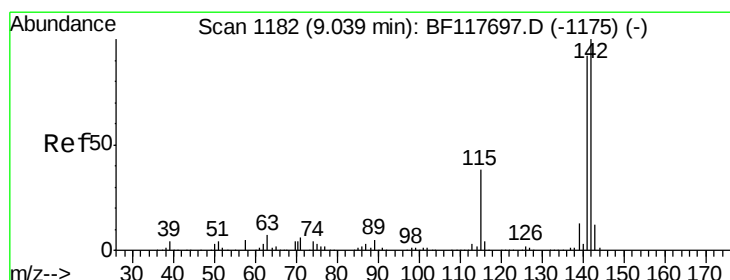
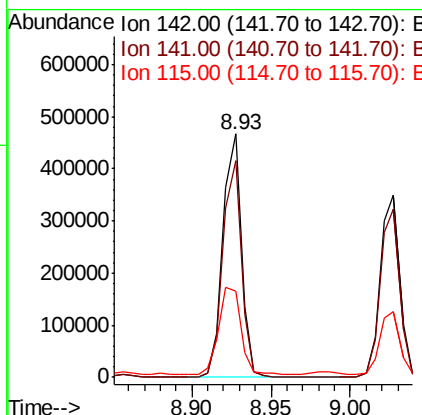
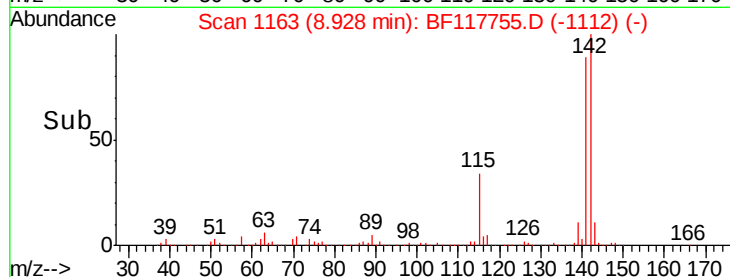
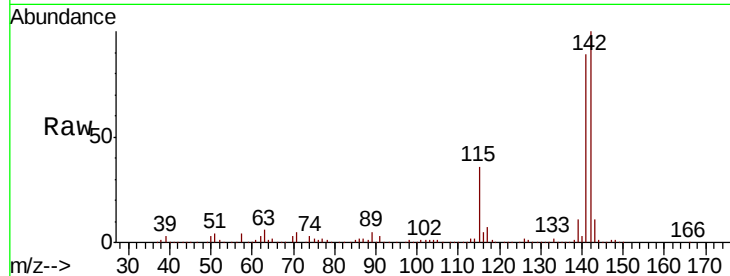
#37  
2-Methylnaphthalene  
Concen: 11.598 ng  
RT: 8.93 min Scan# 1163  
Delta R.T. 0.00 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 70.2  | 105.4 |
| 115     | 35.6  | 28.8  | 43.2  |

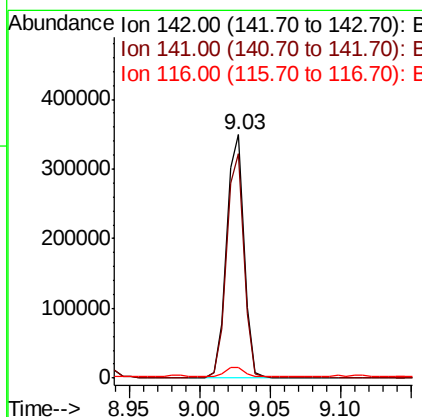
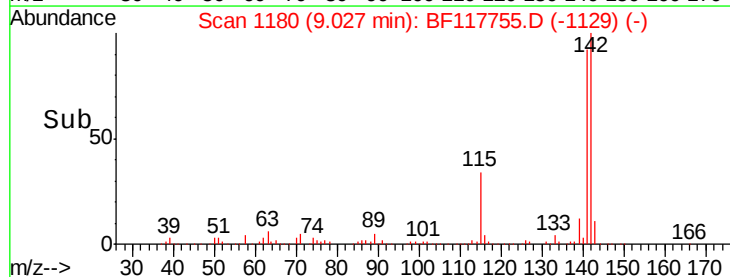
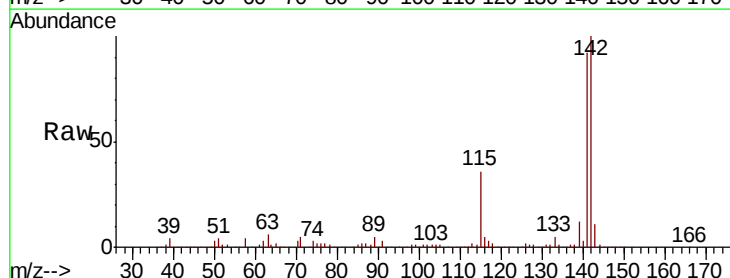
Manual Integrations  
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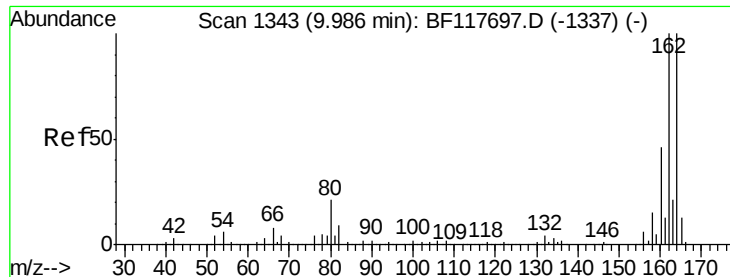
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#38  
1-Methylnaphthalene  
Concen: 9.637 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 73.5  | 110.3 |
| 116     | 4.6   | 3.3   | 4.9   |





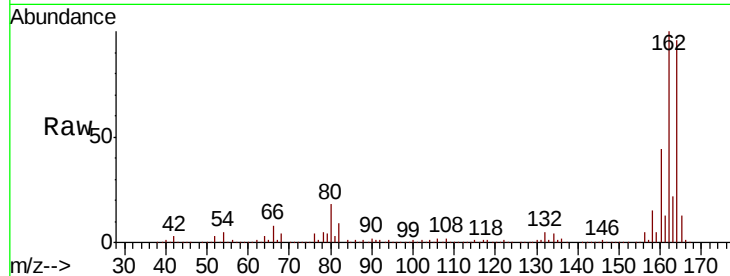
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.9 | 81.2  | 121.8 |
| 160     | 46.1  | 36.3  | 54.5  |

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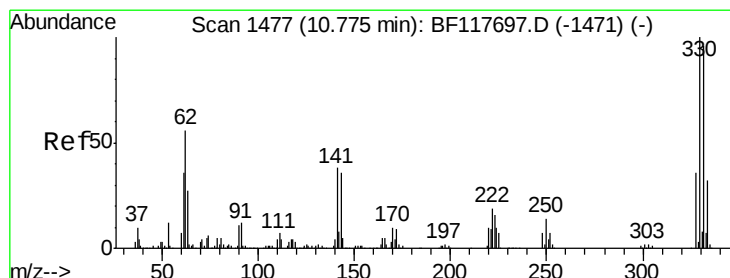
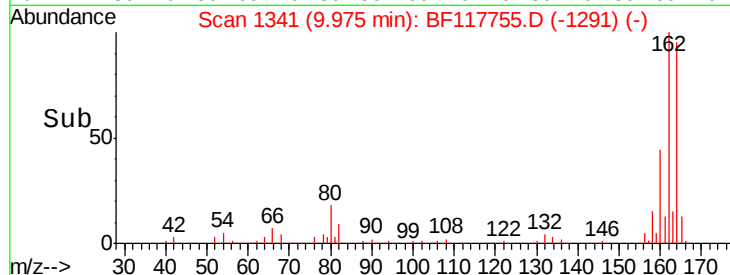
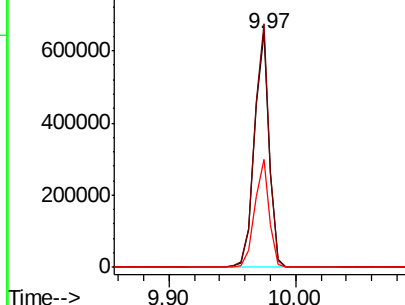


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42  
2,4,6-Tribromophenol  
Concen: 18.178 ng  
RT: 10.76 min Scan# 1475  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

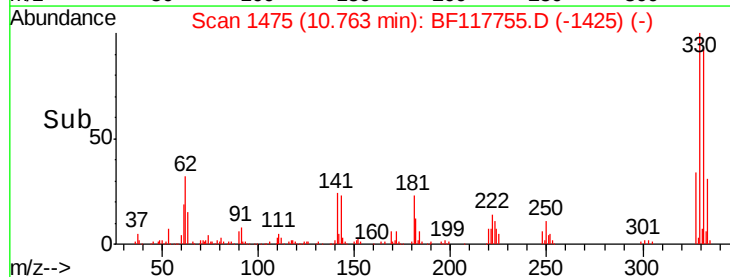
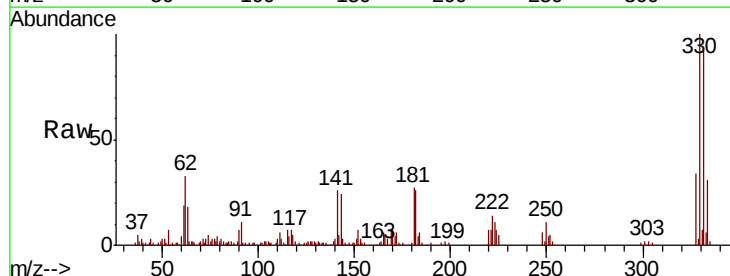
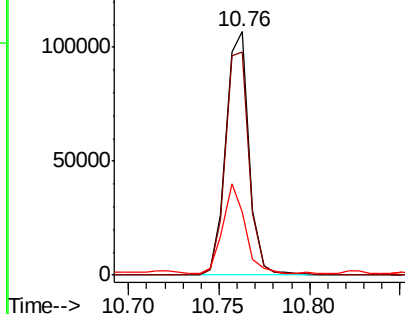
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.9  | 76.9  | 115.3 |
| 141     | 35.2  | 26.5  | 39.7  |

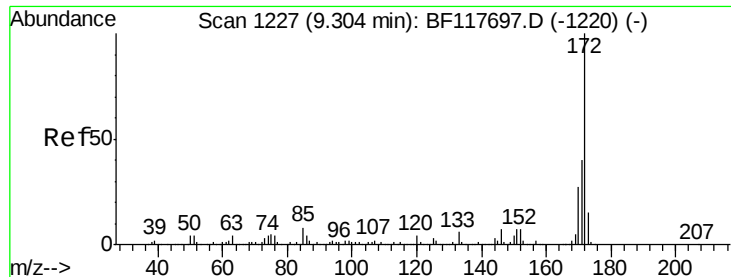
Abundance

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





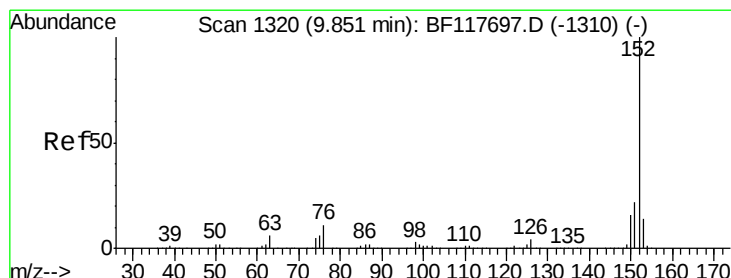
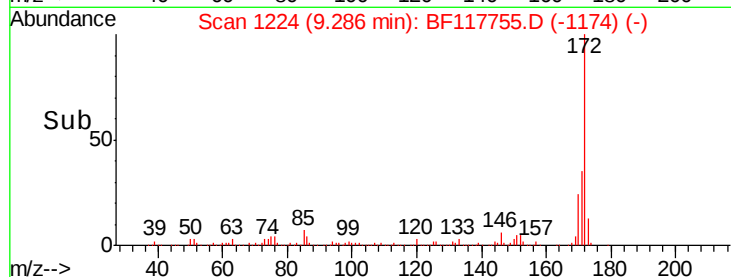
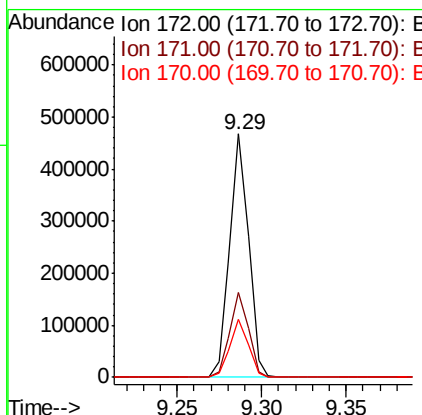
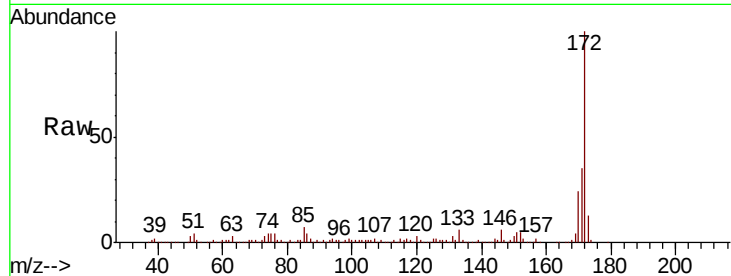
#45  
2-Fluorobiphenyl  
Concen: 13.368 ng  
RT: 9.29 min Scan# 1224  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 30.7  | 46.1  |
| 170     | 23.6  | 20.6  | 30.8  |

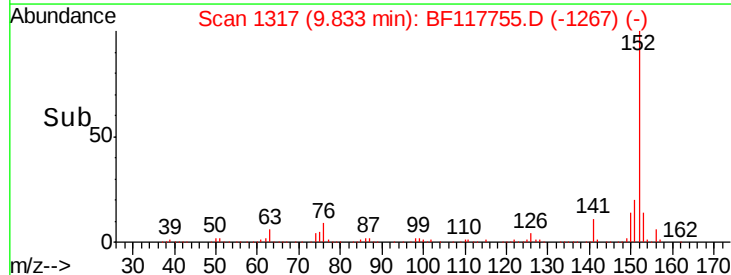
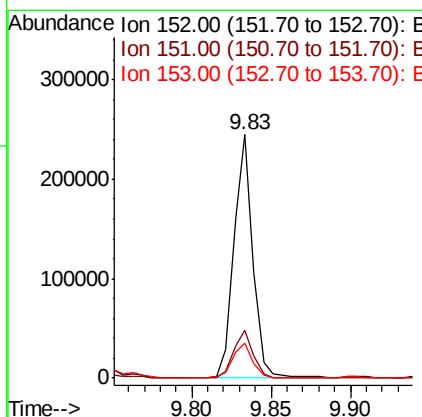
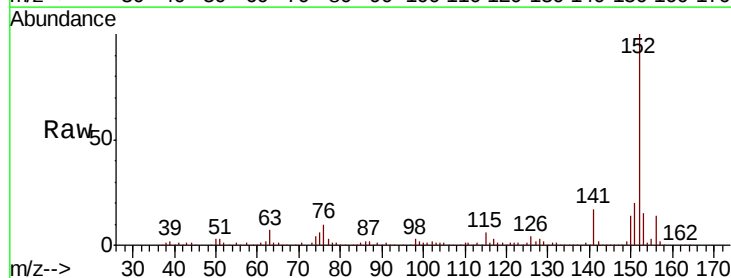
Manual Integrations  
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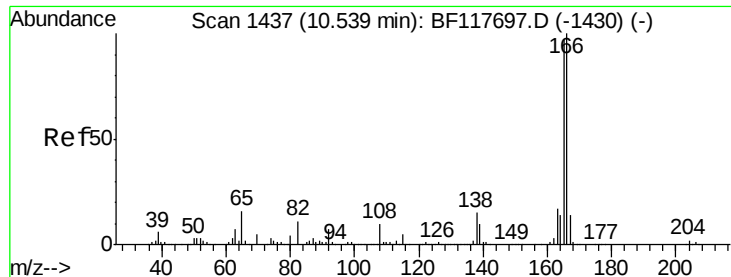
mohammad  
11/13/2019 6:48:16 PM



#49  
Acenaphthylene  
Concen: 4.467 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 17.5  | 26.3  |
| 153     | 14.6  | 11.7  | 17.5  |





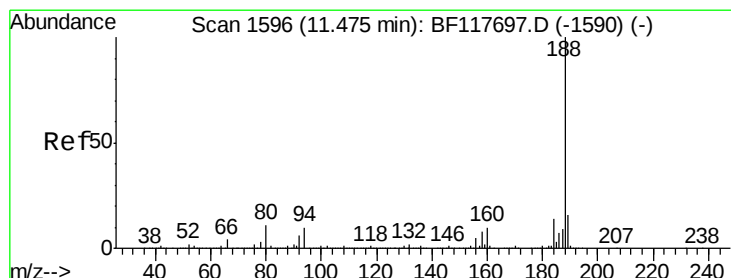
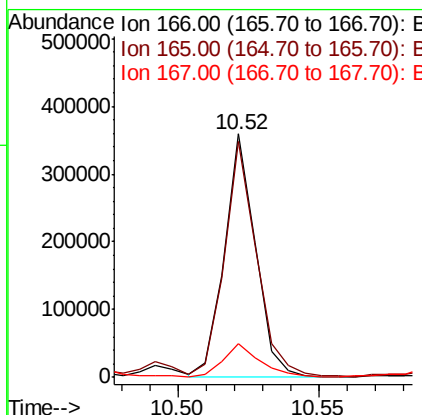
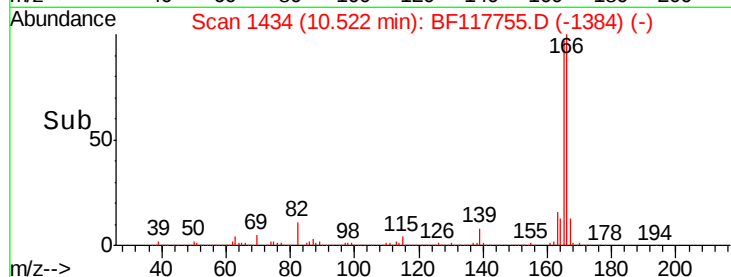
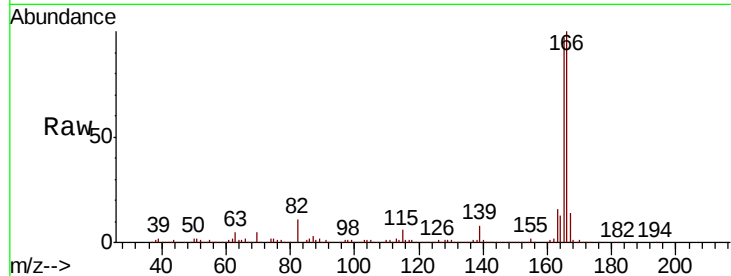
#58  
Fluorene  
Concen: 9.088 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.1  | 77.5  | 116.3 |
| 167     | 13.9  | 11.3  | 16.9  |

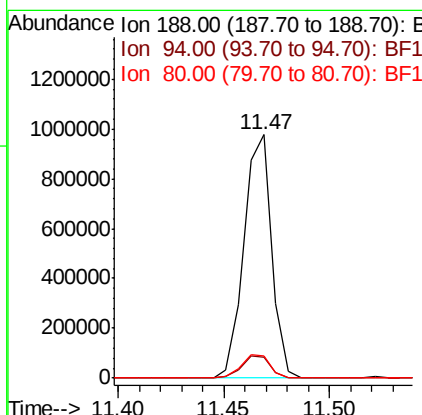
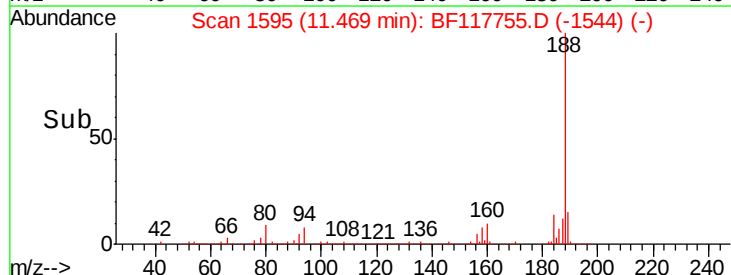
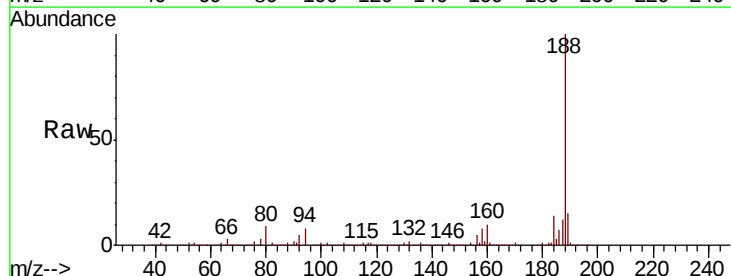
Manual Integrations  
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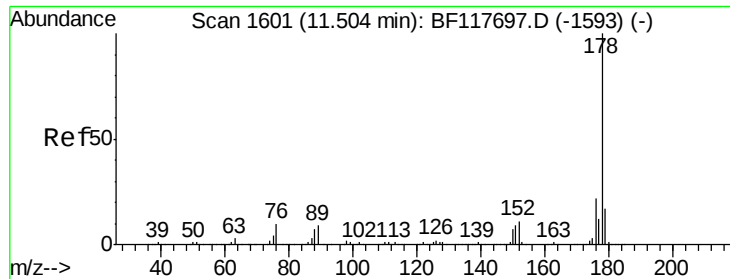
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.4   | 7.4   | 11.2  |
| 80      | 9.0   | 8.1   | 12.1  |





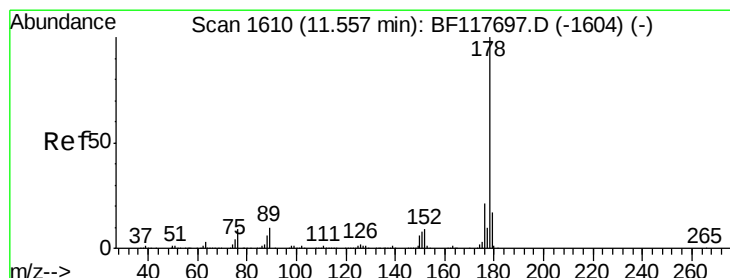
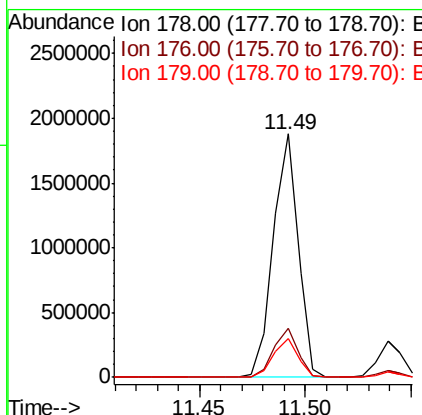
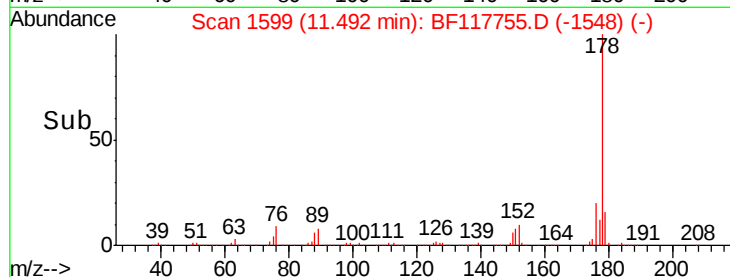
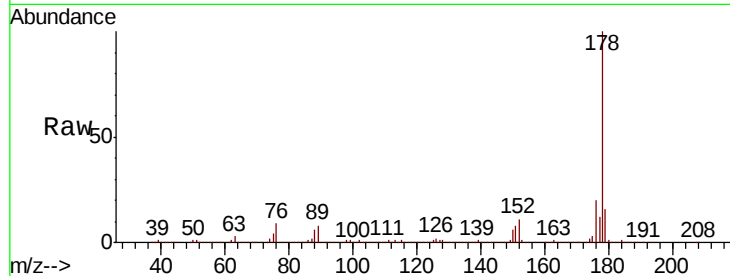
#71  
Phenanthrene  
Concen: 36.268 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

Tot Ion:178 Resp: 1546554  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.8 25.2  
179 16.2 13.5 20.3

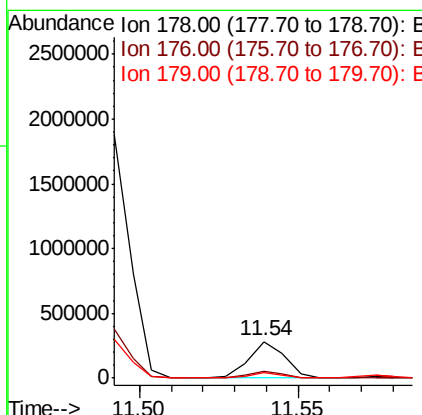
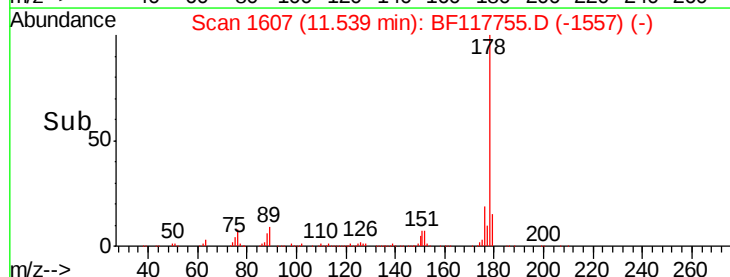
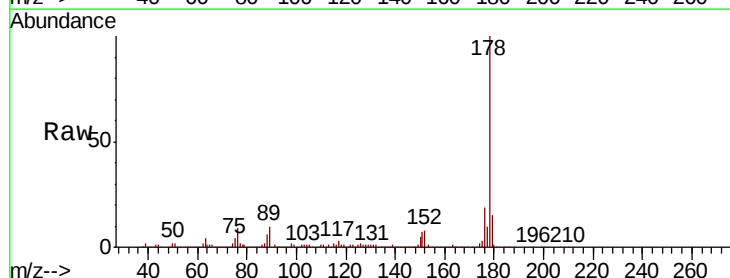
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APPROVED

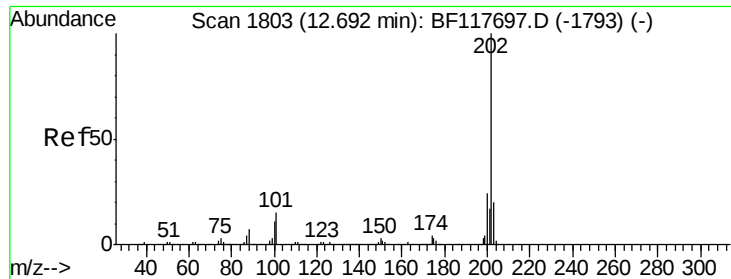
mohammad  
11/13/2019 6:48:16 PM



#72  
Anthracene  
Concen: 5.218 ng  
RT: 11.54 min Scan# 1607  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Tgt Ion:178 Resp: 221381  
Ion Ratio Lower Upper  
178 100  
176 18.9 16.4 24.6  
179 15.3 13.6 20.4





#75

Fluoranthene

Concen: 17.185 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117755.D

Acq: 12 Nov 2019 12:32

Instrument :

BNA\_F

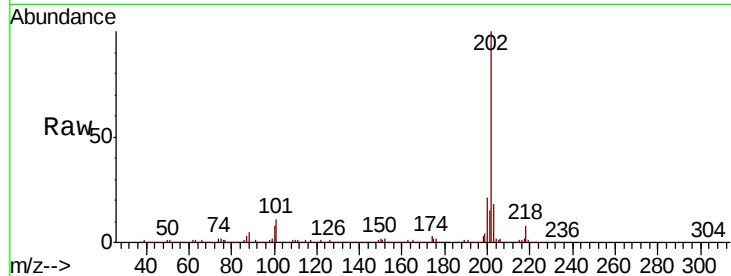
ClientSampleId :

AOC-7-NORTH-(10)DL

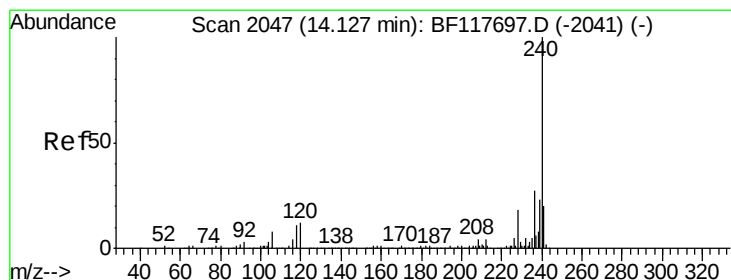
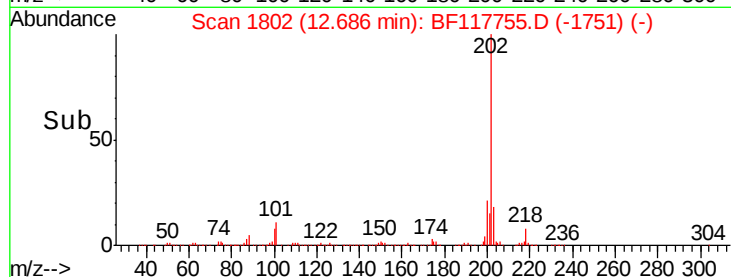
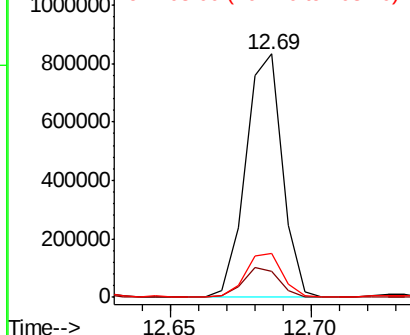
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 748274 |       |       |
| 101     | 10.9  | 0.0    | 32.5  |       |
| 203     | 18.2  | 0.0    | 38.9  |       |

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



#76

Chrysene-d12

Concen: 20.000 ng

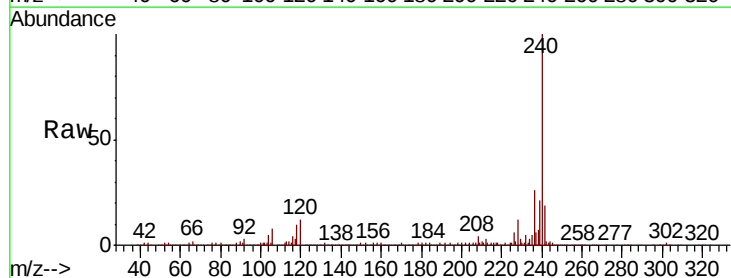
RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

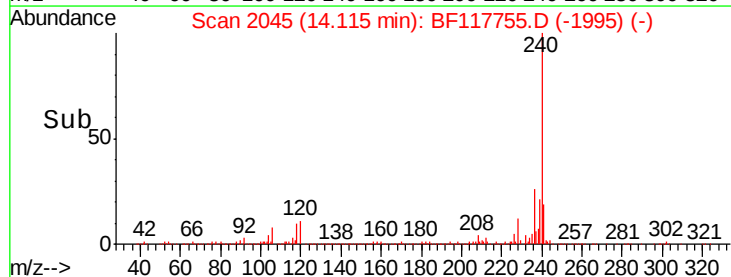
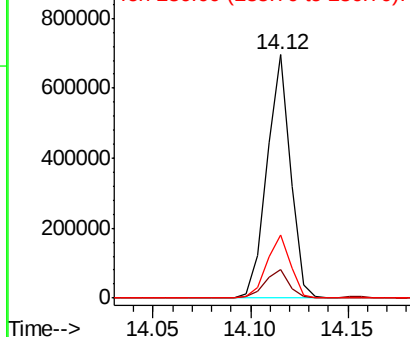
Lab File: BF117755.D

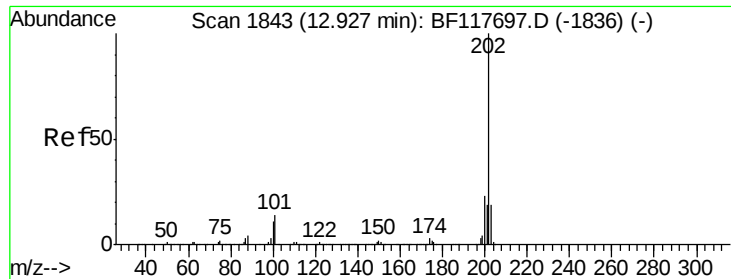
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 577950 |       |       |
| 120     | 11.5  | 9.3    | 13.9  |       |
| 236     | 26.2  | 21.4   | 32.0  |       |



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





#78

Pvrene

Concen: 27.407 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117755.D

Acq: 12 Nov 2019 12:32

Instrument :

BNA\_F

ClientSampleId :

AOC-7-NORTH-(10)DL

Tot Ion:202 Resp: 1156276

Ion Ratio Lower Upper

202 100

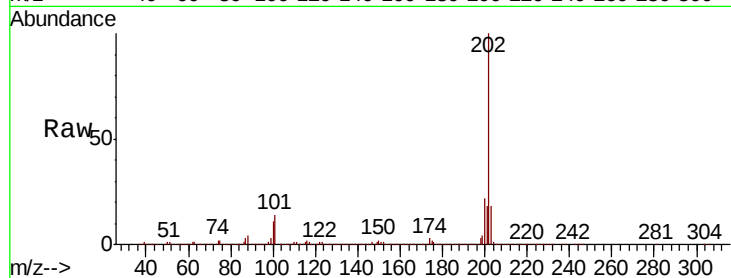
200 22.1 18.9 28.3

203 18.2 15.3 22.9

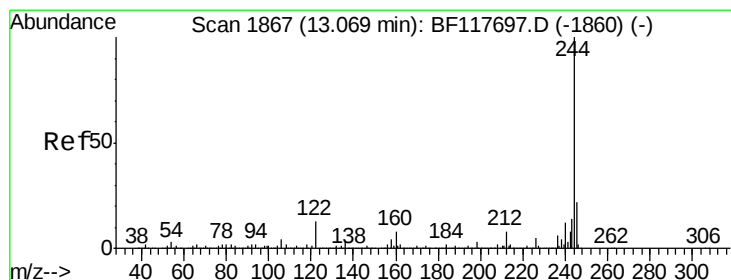
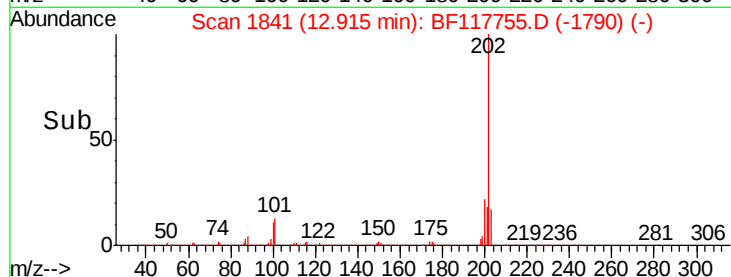
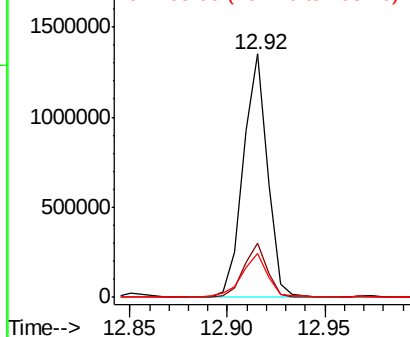
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 10.566 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117755.D

Acq: 12 Nov 2019 12:32

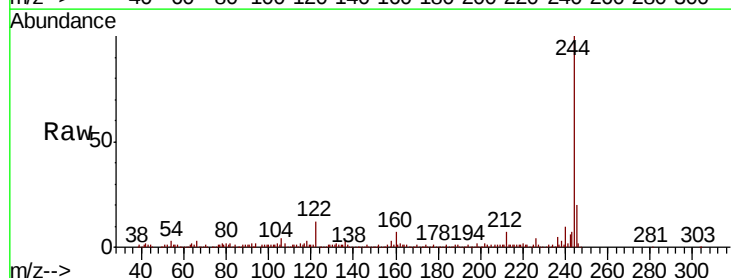
Tgt Ion:244 Resp: 296639

Ion Ratio Lower Upper

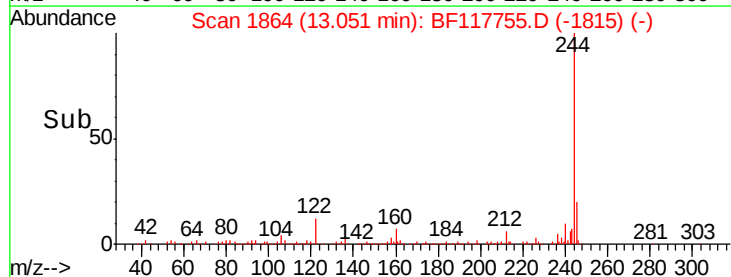
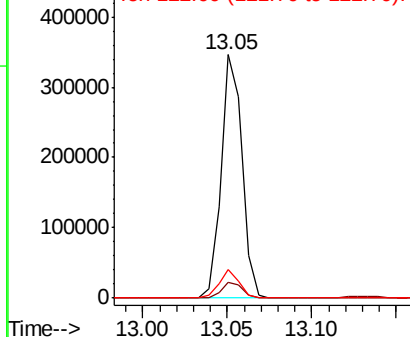
244 100

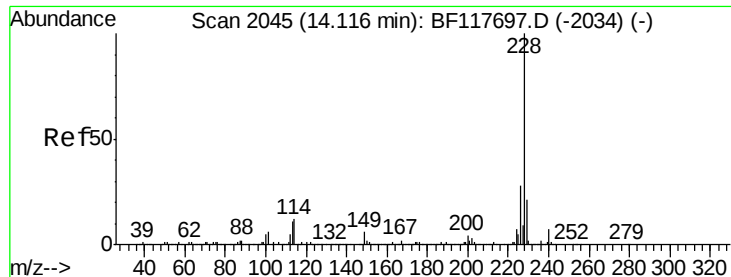
212 6.6 6.2 9.4

122 11.9 9.1 13.7



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





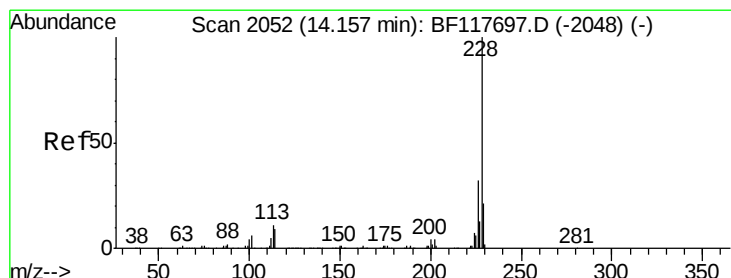
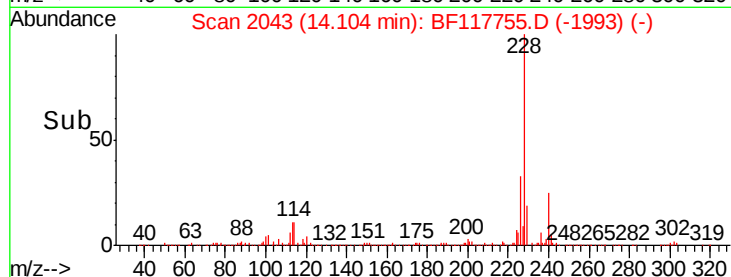
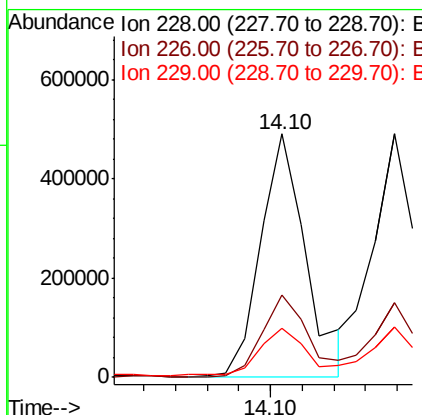
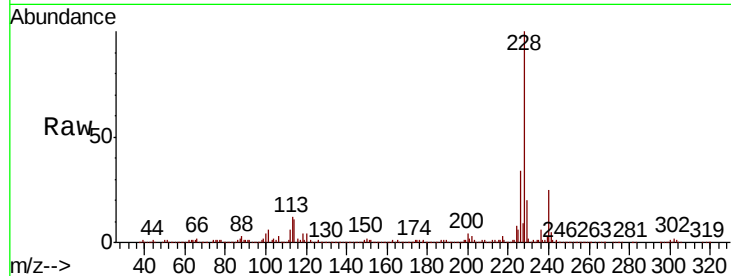
#81  
Benzo(a)anthracene  
Concen: 13.415 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 482600 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 33.6  | 22.6  | 33.8   |
| 229       | 20.1  | 17.0  | 25.4   |

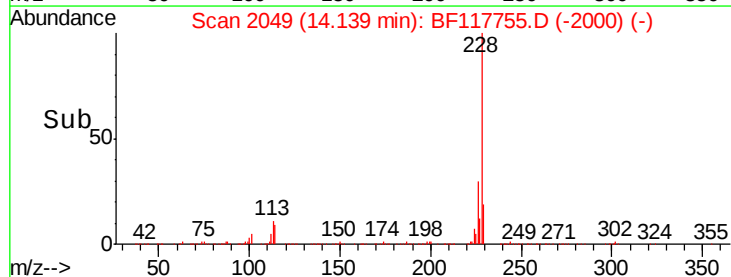
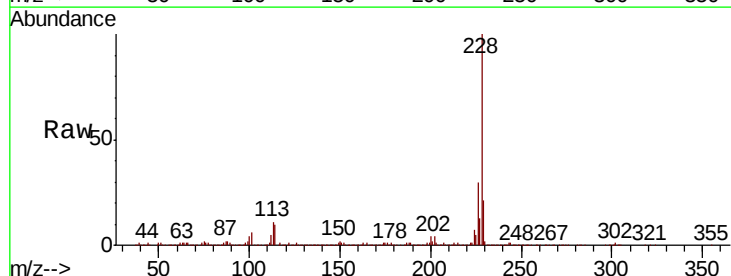
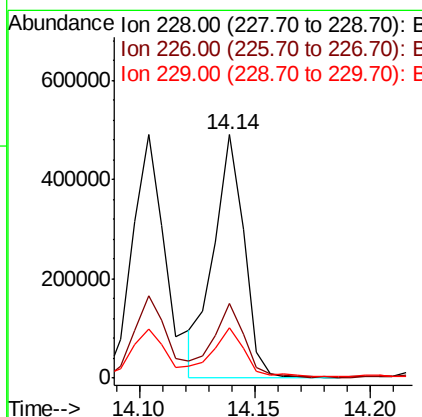
Manual Integrations  
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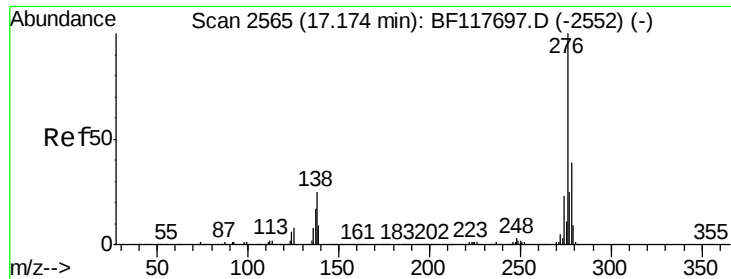
mohammad  
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#83  
Chrysene  
Concen: 12.445 ng  
RT: 14.14 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 442134 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 25.1  | 37.7   |
| 229       | 20.7  | 16.6  | 25.0   |





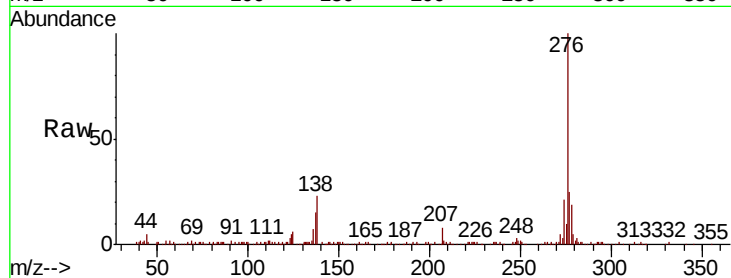
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 6.631 ng  
RT: 17.15 min Scan# 2561  
Delta R.T. -0.02 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.4  | 21.2  | 31.8  |
| 277     | 25.7  | 20.1  | 30.1  |

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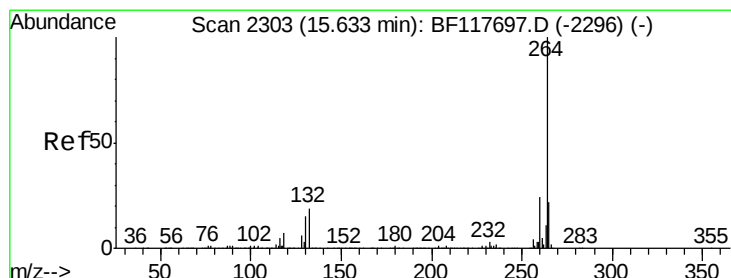
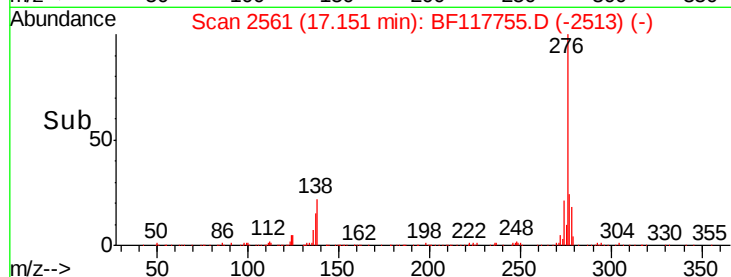
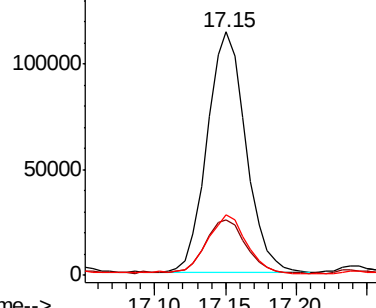


Abundance

Ion 276.00 (275.70 to 276.70): E

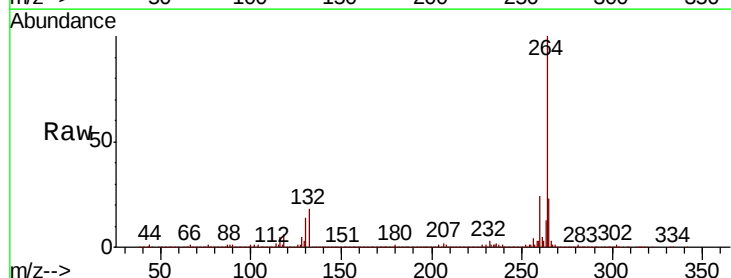
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2302  
Delta R.T. 0.00 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.0  | 28.6  |
| 265     | 22.5  | 17.2  | 25.8  |

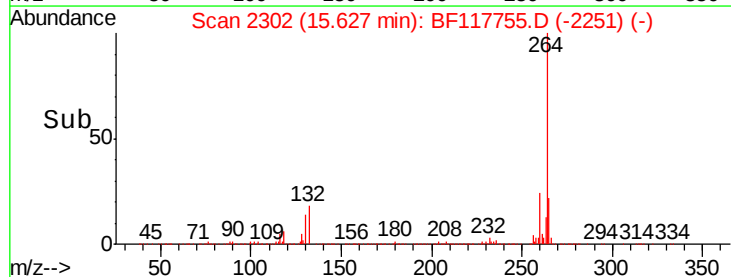
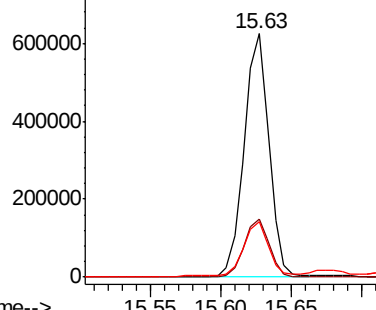


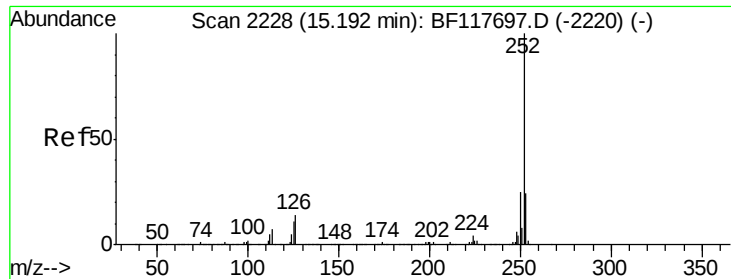
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





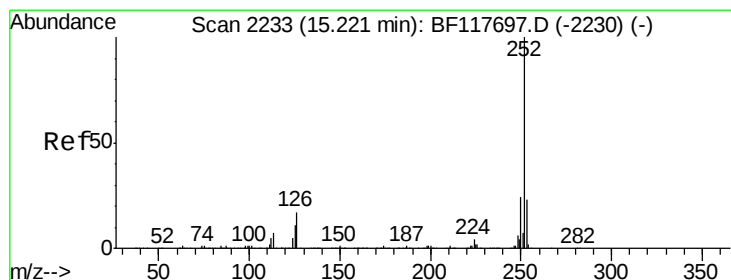
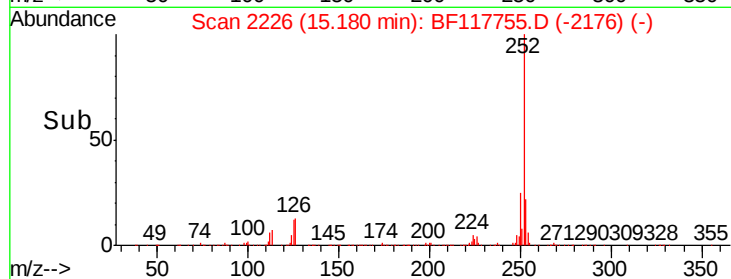
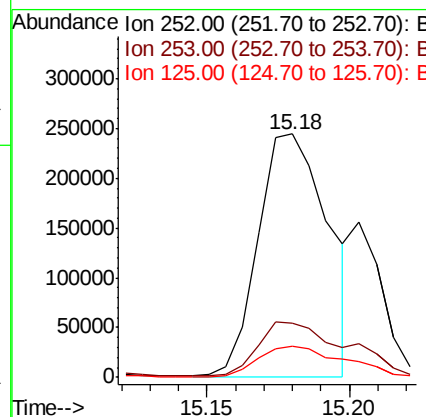
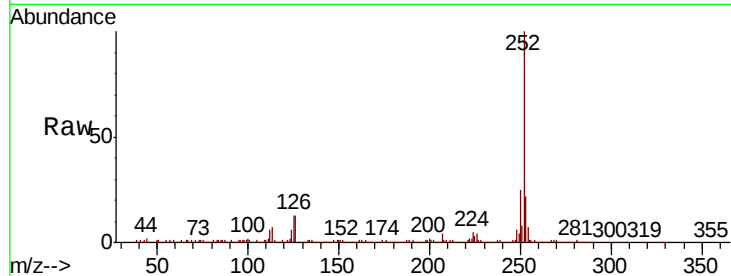
#88  
Benzo(b)fluoranthene  
Concen: 8.693 ng m  
RT: 15.18 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.3  | 27.5  |
| 125     | 12.5  | 8.4   | 12.6  |

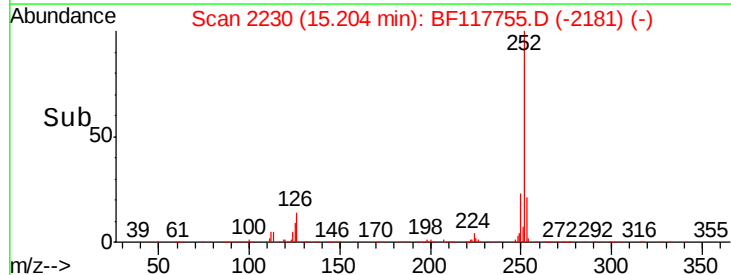
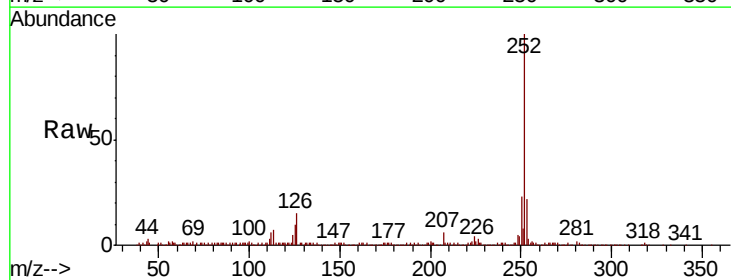
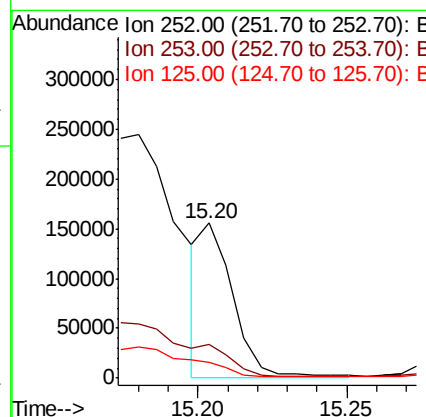
Manual Integrations  
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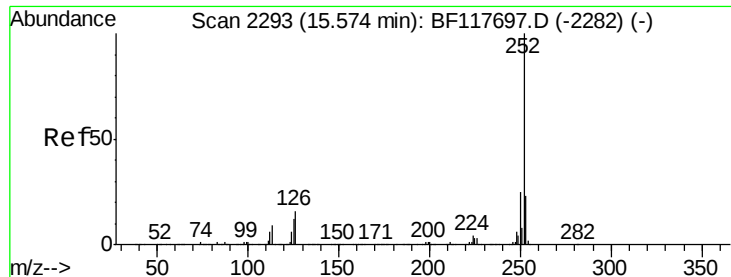
mohammad  
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#89  
Benzo(k)fluoranthene  
Concen: 2.716 ng m  
RT: 15.20 min Scan# 2230  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.6  | 28.0  |
| 125     | 10.1  | 8.9   | 13.3  |





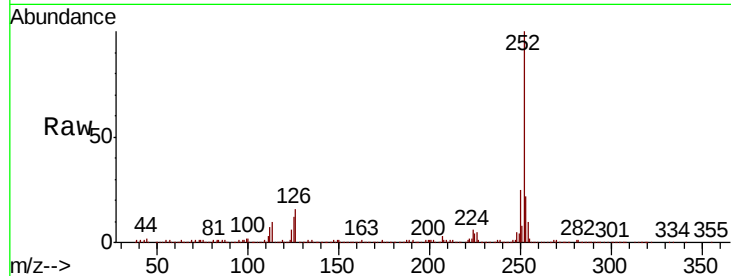
#90  
Benzo(a)pyrene  
Concen: 7.987 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. -0.01 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
AOC-7-NORTH-(10)DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.2  | 27.2  |
| 125     | 12.2  | 9.6   | 14.4  |

Manual Integrations  
APPROVED

mohammad  
11/13/2019 6:48:16 PM

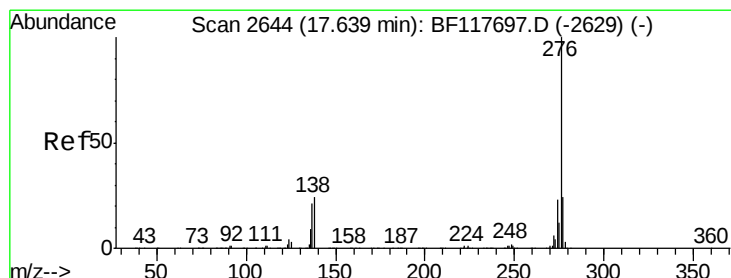
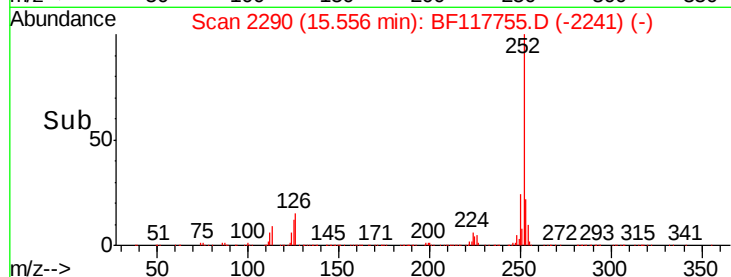
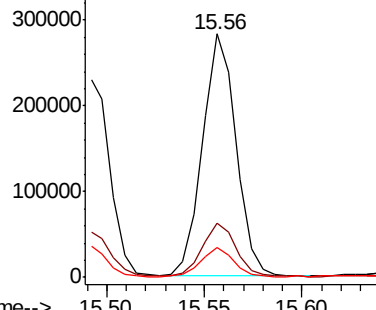


Abundance

Ion 252.00 (251.70 to 252.70): E

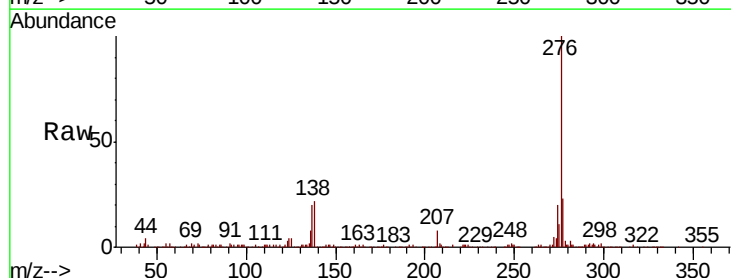
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 6.849 ng  
RT: 17.62 min Scan# 2640  
Delta R.T. -0.02 min  
Lab File: BF117755.D  
Acq: 12 Nov 2019 12:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 19.0  | 28.6  |
| 138     | 22.1  | 18.6  | 27.8  |



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

