

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\  
 Data File : BF114261.D  
 Acq On : 14 May 2019 18:52  
 Operator : JU/SJ  
 Sample : K2765-21DL 4X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS006-0002-02DL

Manual Integrations  
 APPROVED

mohammad  
 5/16/2019 9:10:05 AM

Quant Time: May 15 02:35:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 226109   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 905826   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.89  | 164  | 423316   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.38 | 188  | 846986   | 20.00  | ng    | 0.01     |
| 76) Chrysene-d12            | 14.03 | 240  | 623347   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.51 | 264  | 688803   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 396816   | 28.24  | ng    | 0.01     |
| 7) Phenol-d6                | 6.50  | 99   | 543357   | 32.70  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 327797   | 20.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 108102   | 24.70  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 463319   | 16.56  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 446270   | 14.76  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 8.16  | 128  | 197960   | 4.679  | ng    | 97       |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 81760    | 2.995  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.95  | 142  | 53975    | 2.099  | ng    | 98       |
| 49) Acenaphthylene          | 9.75  | 152  | 331936   | 7.930  | ng    | 97       |
| 50) Dimethylphthalate       | 9.60  | 163  | 91155    | 2.933  | ng    | 98       |
| 71) Phenanthrene            | 11.40 | 178  | 1188345  | 28.838 | ng    | 98       |
| 72) Anthracene              | 11.45 | 178  | 185540   | 4.483  | ng    | 96       |
| 75) Fluoranthene            | 12.60 | 202  | 1692175  | 38.134 | ng    | 99       |
| 78) Pyrene                  | 12.83 | 202  | 2924248  | 58.316 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.05 | 228  | 1222009  | 30.309 | ng    | 96       |
| 83) Chrysene                | 14.05 | 228  | 1222009  | 30.919 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 555192   | 15.895 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 1332317m | 30.192 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.10 | 252  | 352105m  | 8.686  | ng    |          |
| 90) Benzo(a)pyrene          | 15.45 | 252  | 914886   | 23.557 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene  | 17.00 | 278  | 146808m  | 4.549  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.44 | 276  | 622612   | 19.251 | ng    | 98       |

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

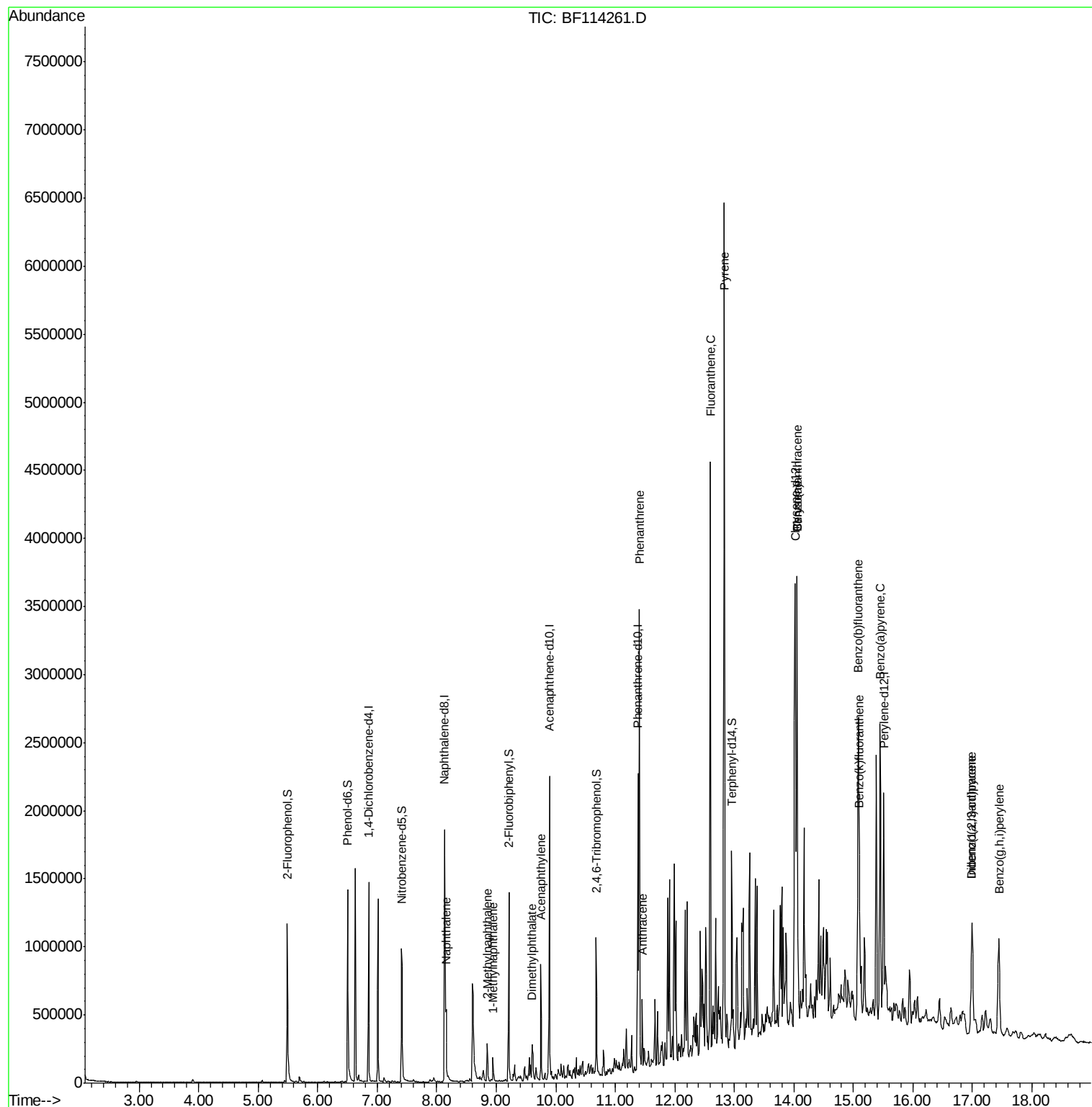
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\  
Data File : BF114261.D  
Acq On : 14 May 2019 18:52  
Operator : JU/SJ  
Sample : K2765-21DL 4X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

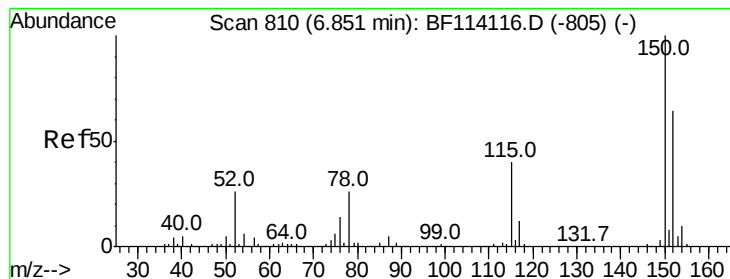
Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

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5/16/2019 9:10:05 AM

Quant Time: May 15 02:35:05 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 10 15:56:46 2019  
Response via : Initial Calibration





#1

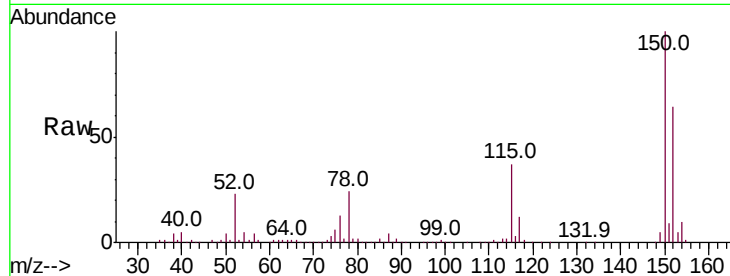
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleID :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.4 | 124.3 | 186.5 |
| 115     | 57.5  | 49.1  | 73.7  |

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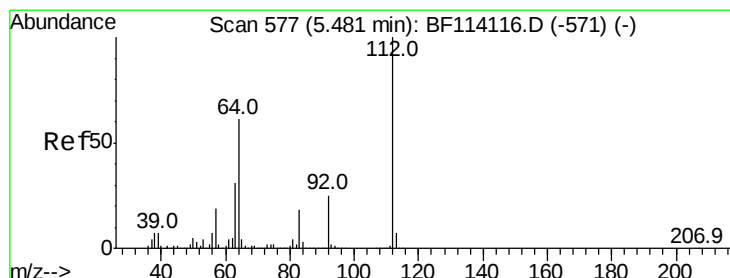
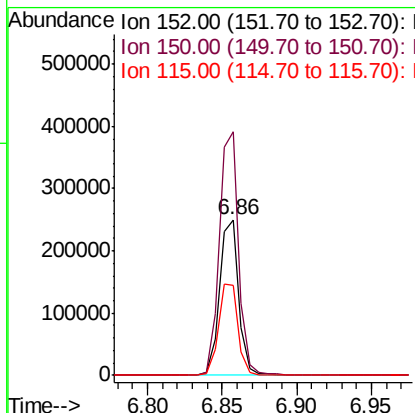
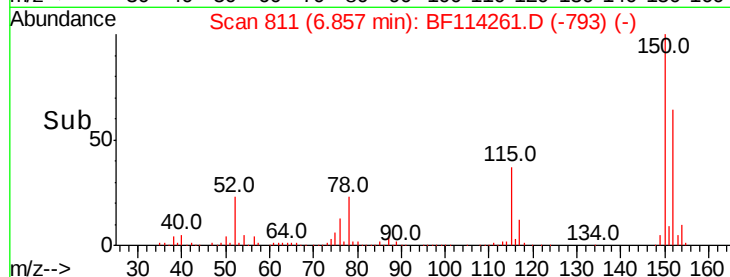


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

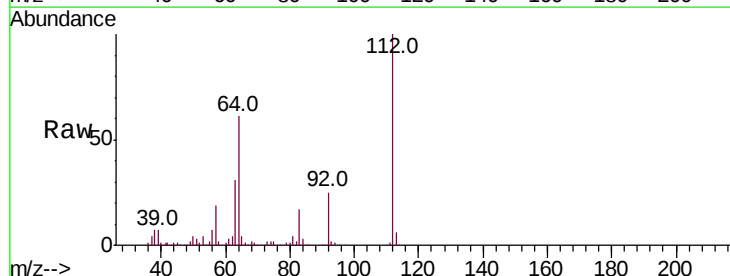
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 28.242 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.2  | 49.0  | 73.6  |
| 63      | 31.1  | 24.6  | 37.0  |

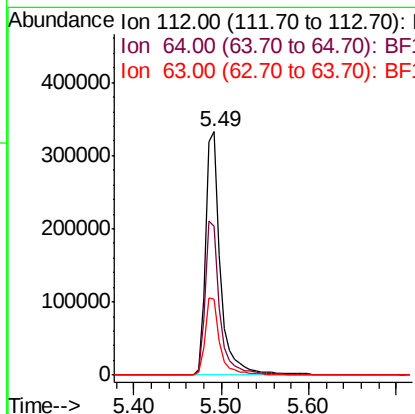
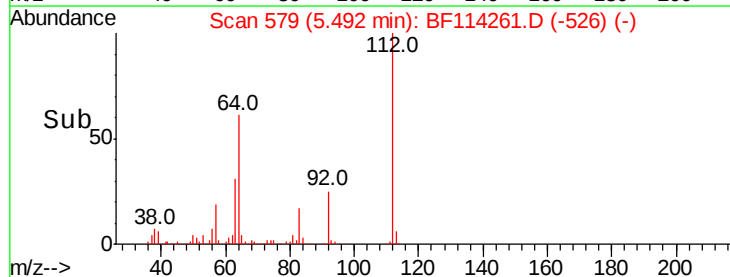


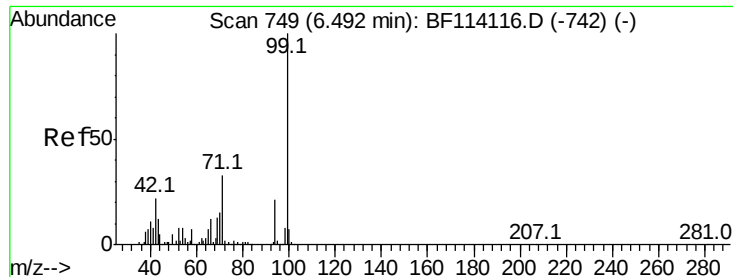
Abundance

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: 32.697 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114261.D

Acq: 14 May 2019 18:52

Instrument :

BNA\_F

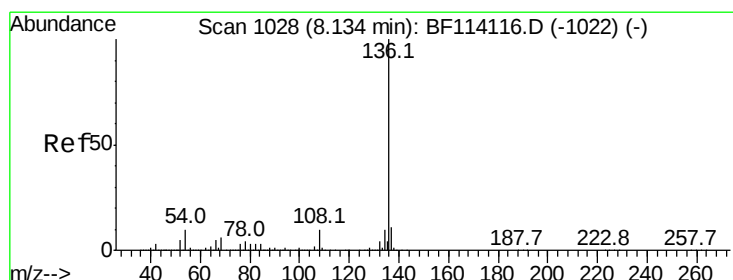
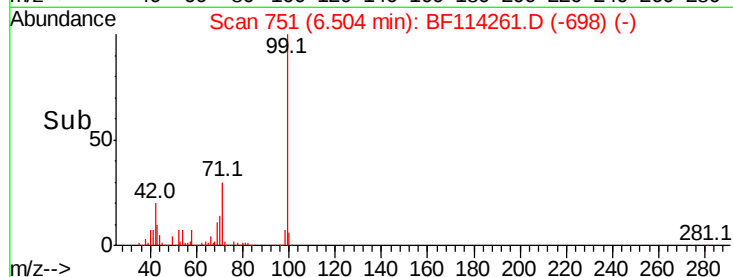
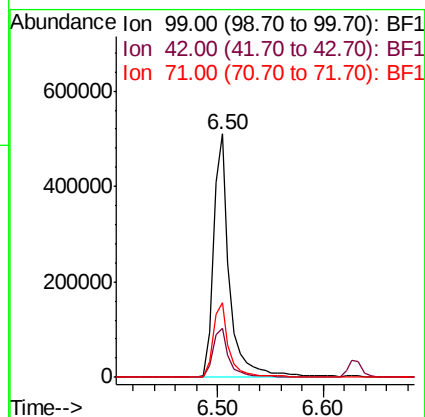
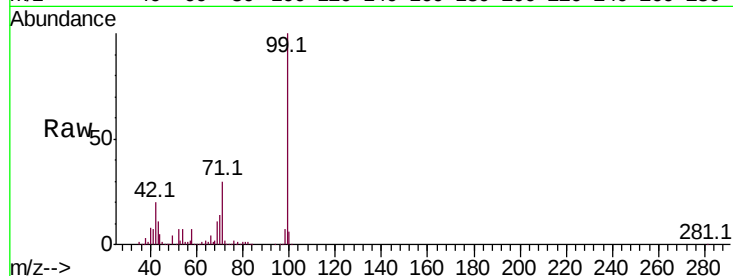
ClientSampleId :

P026-SS006-0002-02DL

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 543357 |       |       |
| 42      | 19.9 | 17.9  | 26.9   |       |       |
| 71      | 30.4 | 26.2  | 39.2   |       |       |

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#21

Naphthalene-d8

Concen: 20.000 ng

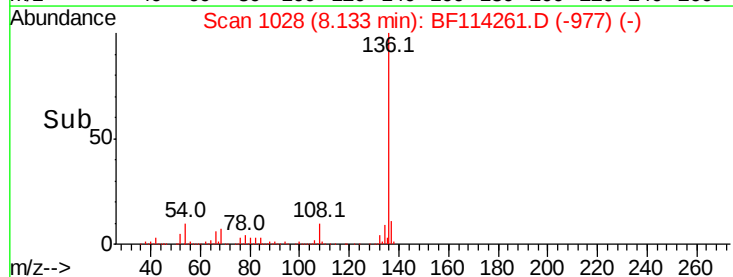
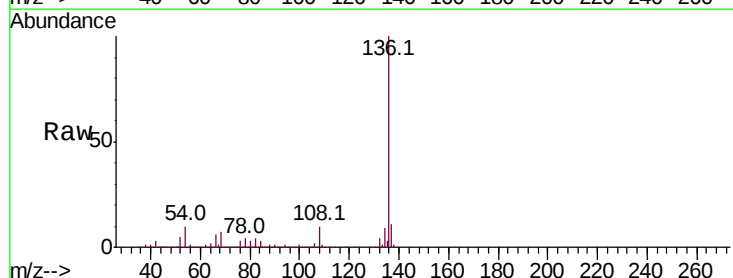
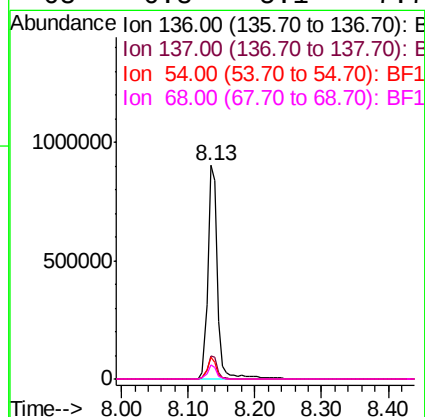
RT: 8.13 min Scan# 1028

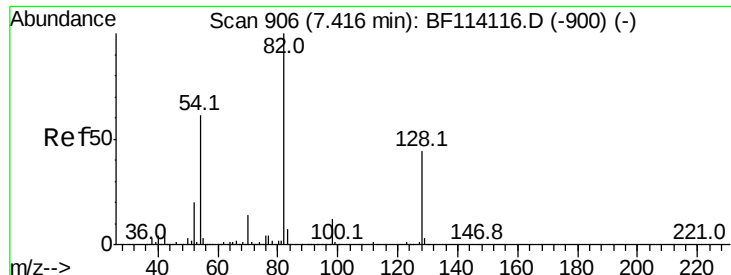
Delta R.T. -0.00 min

Lab File: BF114261.D

Acq: 14 May 2019 18:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 905826 |       |       |
| 137     | 11.1 | 8.8   | 13.2   |       |       |
| 54      | 10.0 | 7.8   | 11.8   |       |       |
| 68      | 6.8  | 5.1   | 7.7    |       |       |





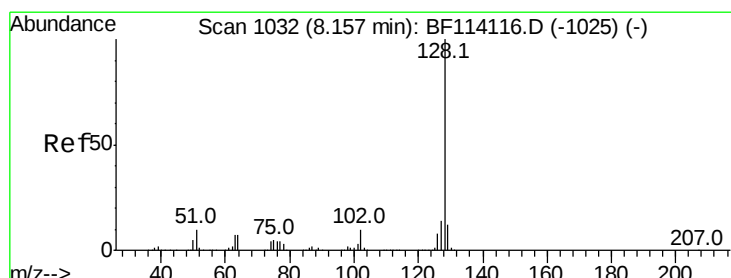
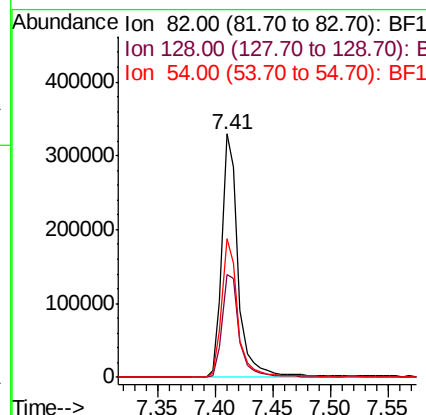
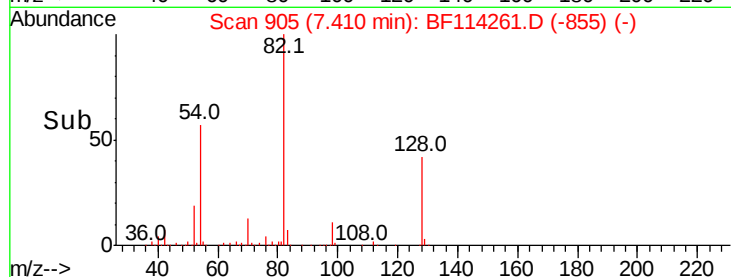
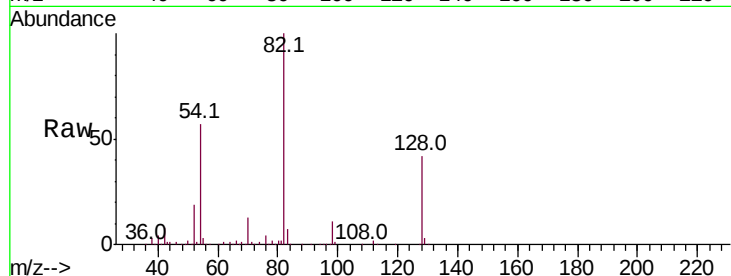
#23  
Nitrobenzene-d5  
Concen: 20.309 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.3  | 35.5  | 53.3  |
| 54      | 56.9  | 48.5  | 72.7  |

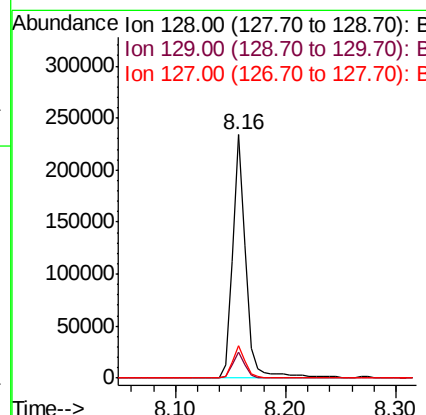
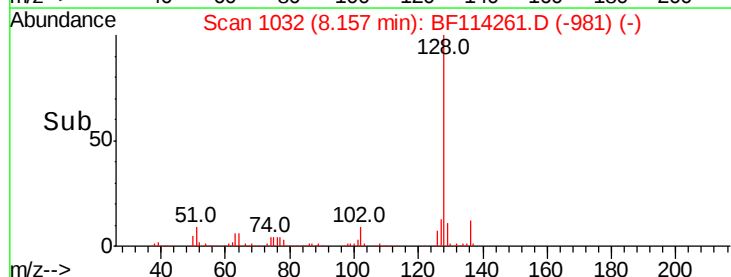
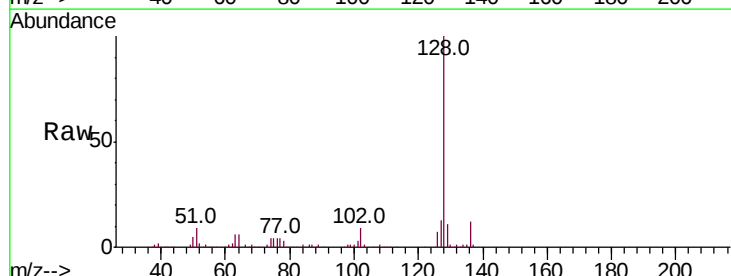
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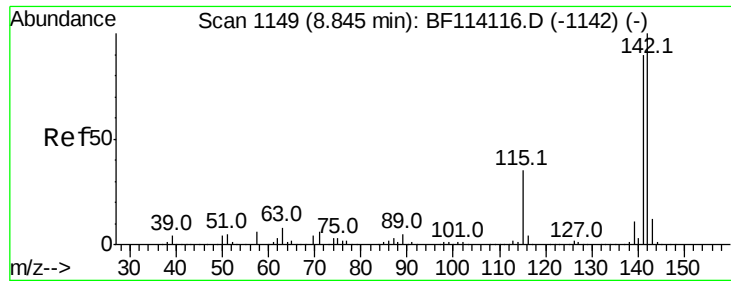
mohammad  
5/16/2019 9:10:05 AM



#31  
Naphthalene  
Concen: 4.679 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.6   | 14.4  |
| 127     | 13.1  | 11.3  | 16.9  |





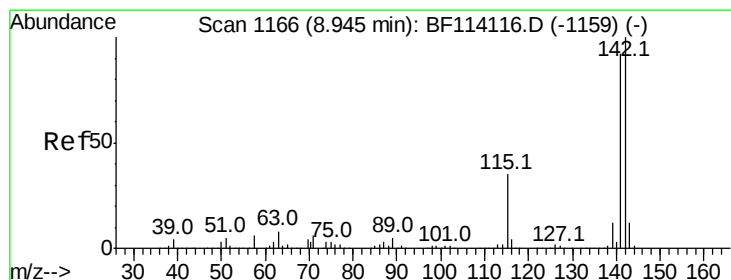
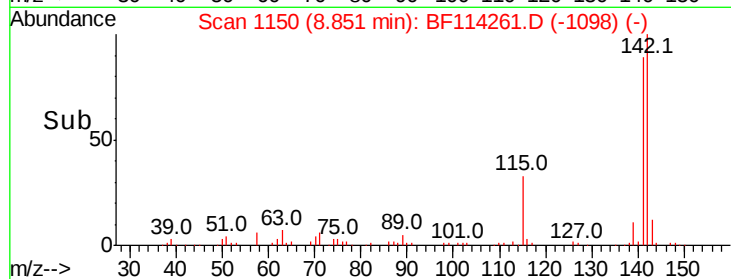
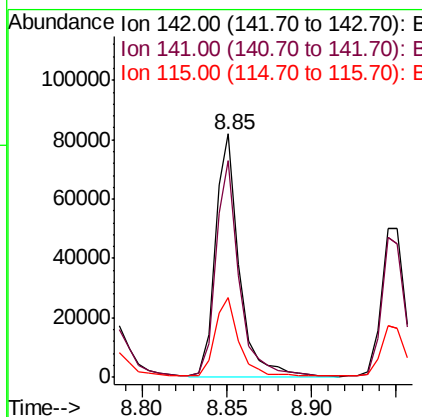
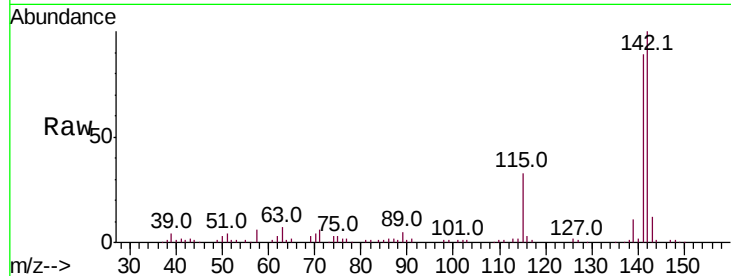
#37  
2-Methylnaphthalene  
Concen: 2.995 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleID :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 72.1  | 108.1 |
| 115     | 32.7  | 28.0  | 42.0  |

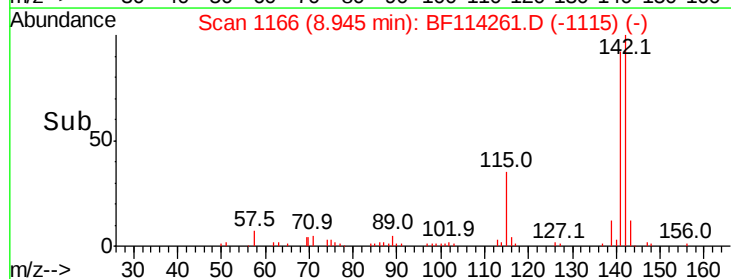
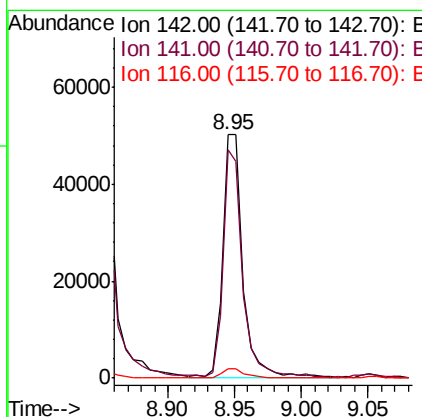
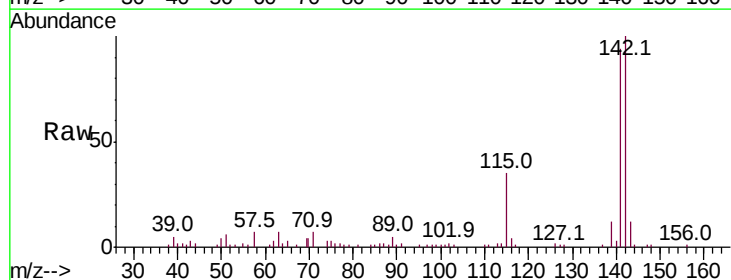
Manual Integrations  
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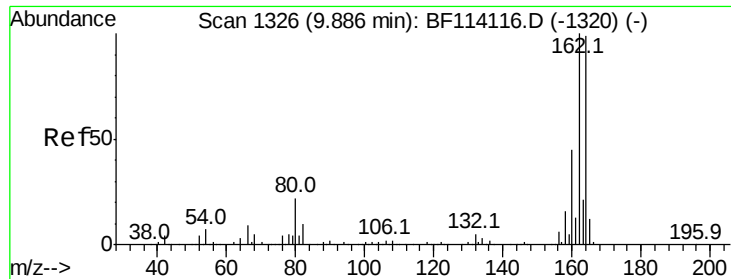
mohammad  
5/16/2019 9:10:05 AM



#38  
1-Methylnaphthalene  
Concen: 2.099 ng  
RT: 8.95 min Scan# 1166  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.9  | 73.4  | 110.0 |
| 116     | 3.6   | 3.1   | 4.7   |





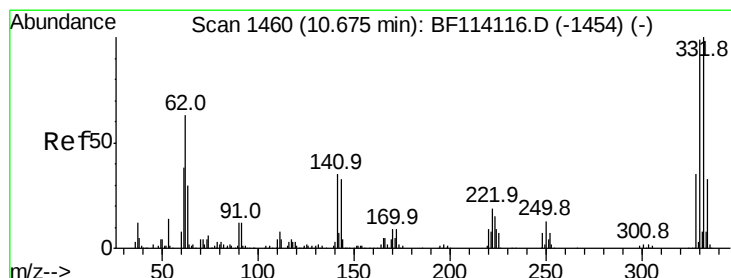
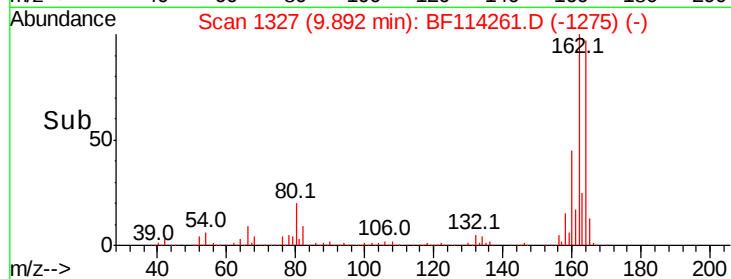
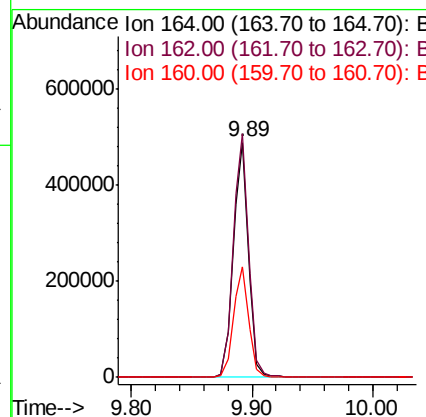
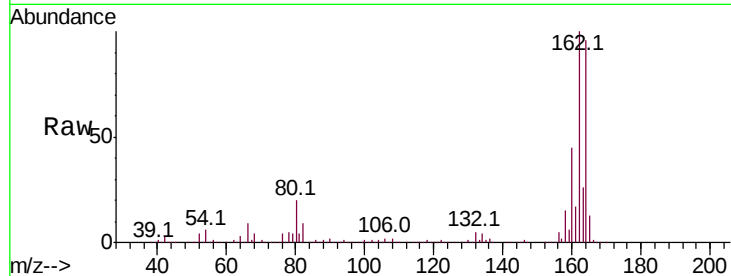
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 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF114261.D  
 Acq: 14 May 2019 18:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS006-0002-02DL

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.7 | 80.6 | 120.8 |       |
| 160     | 47.0  | 36.5 | 54.7  |       |

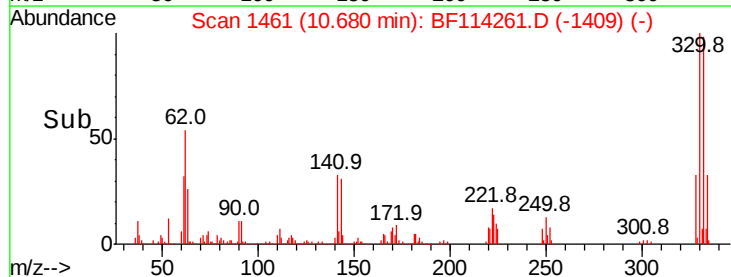
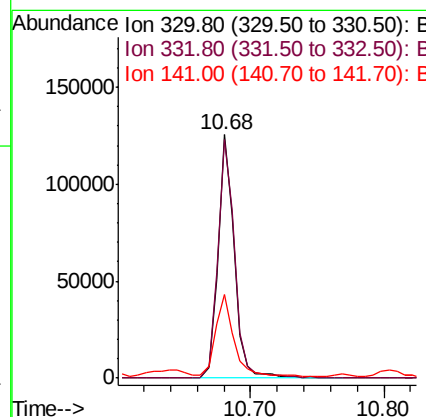
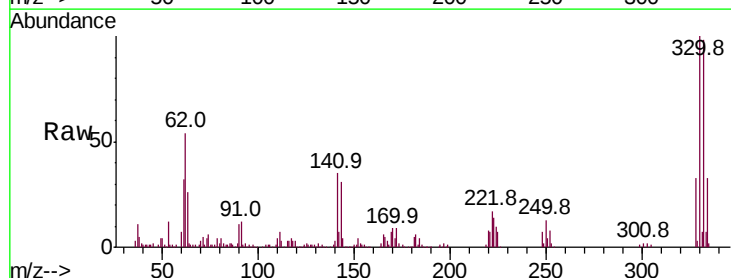
Manual Integrations  
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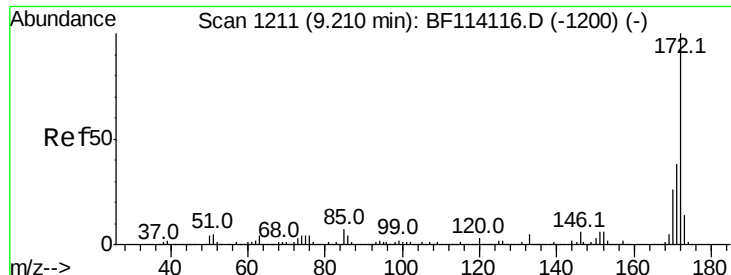
mohammad  
 5/16/2019 9:10:05 AM



#42  
 2,4,6-Tribromophenol  
 Concen: 24.701 ng  
 RT: 10.68 min Scan# 1461  
 Delta R.T. 0.01 min  
 Lab File: BF114261.D  
 Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 101.1 | 81.4 | 122.2 |       |
| 141     | 37.5  | 26.6 | 40.0  |       |





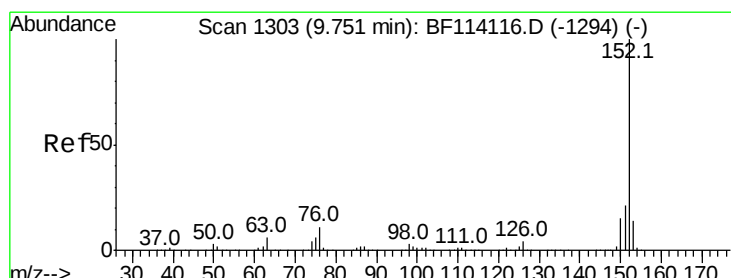
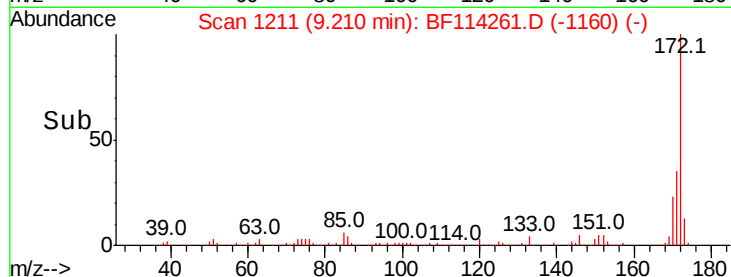
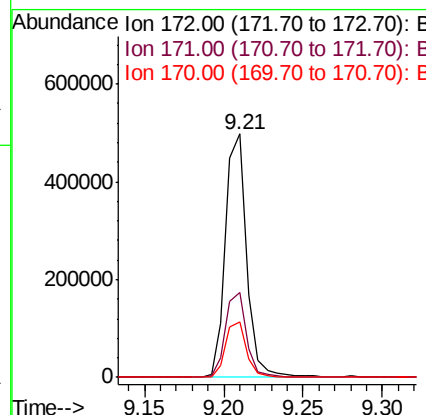
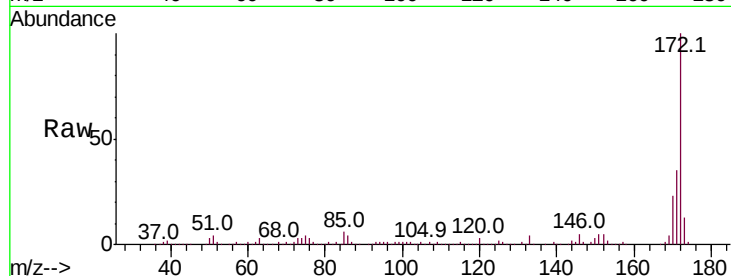
#45  
2-Fluorobiphenyl  
Concen: 16.556 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 463319 |       |       |
| 171     | 34.8  |        | 30.7  | 46.1  |
| 170     | 22.9  |        | 20.5  | 30.7  |

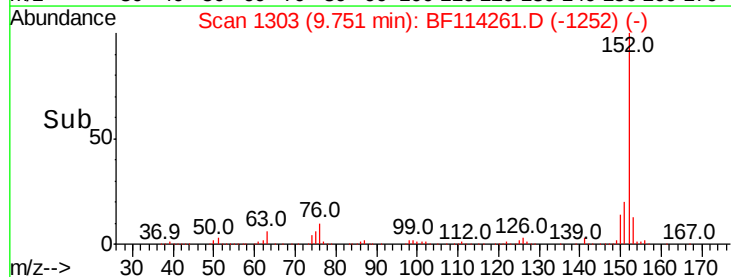
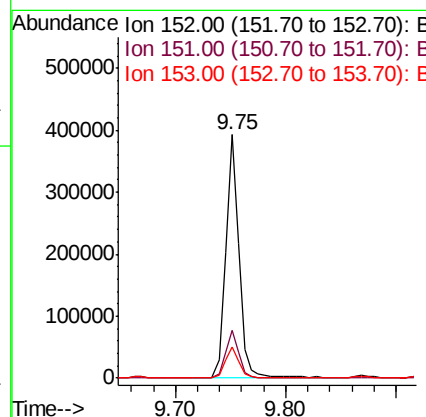
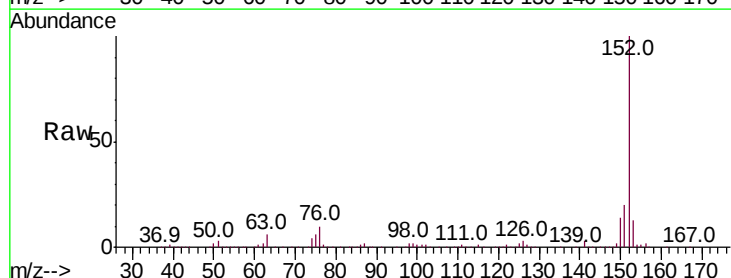
Manual Integrations  
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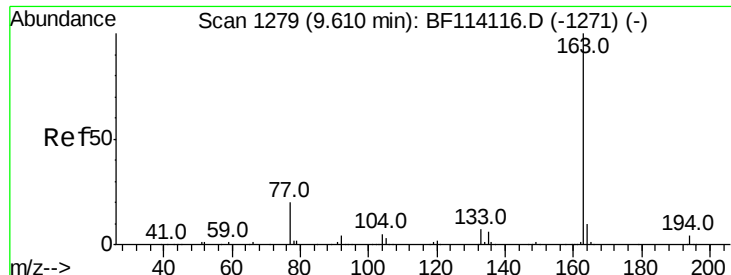
mohammad  
5/16/2019 9:10:05 AM



#49  
Acenaphthylene  
Concen: 7.930 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 331936 |       |       |
| 151     | 19.7  |        | 16.8  | 25.2  |
| 153     | 13.0  |        | 11.4  | 17.2  |





#50

Dimethylphthalate

Concen: 2.933 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114261.D

Acq: 14 May 2019 18:52

Instrument :

BNA\_F

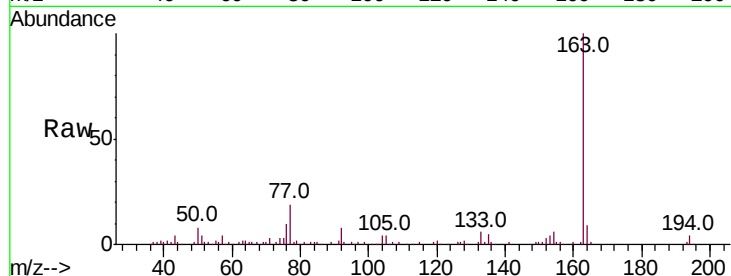
ClientSampleId :

P026-SS006-0002-02DL

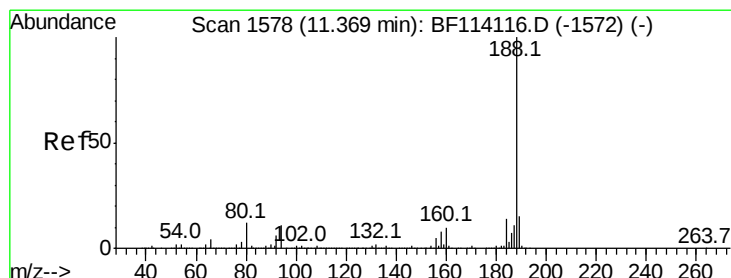
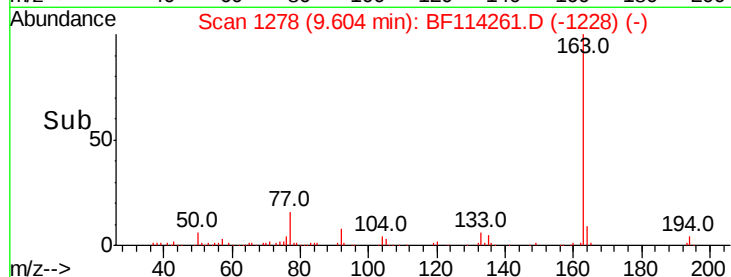
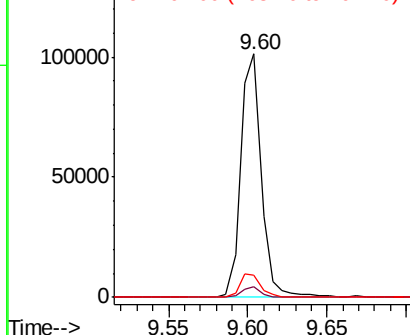
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 163   | Resp: | 91155 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.1   | 3.4   | 5.0   |
| 164       | 9.3   | 8.2   | 12.2  |

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

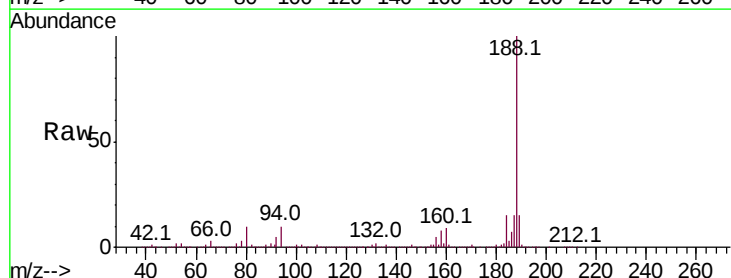
RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

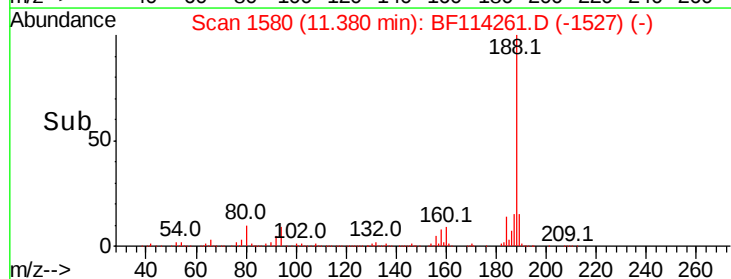
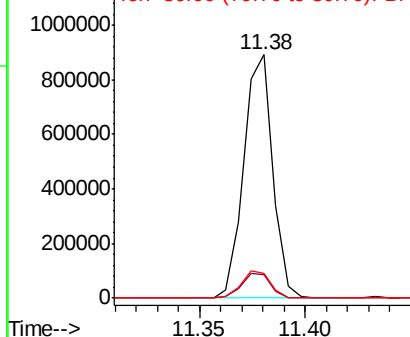
Lab File: BF114261.D

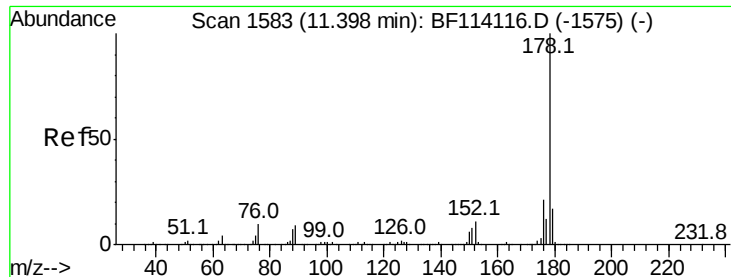
Acq: 14 May 2019 18:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 846986 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.5   | 8.4   | 12.6   |
| 80        | 10.1  | 9.2   | 13.8   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





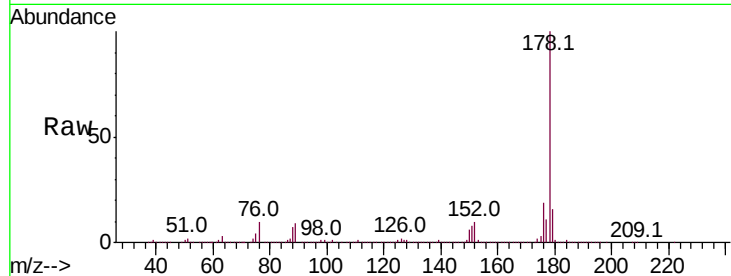
#71  
Phenanthrene  
Concen: 28.838 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

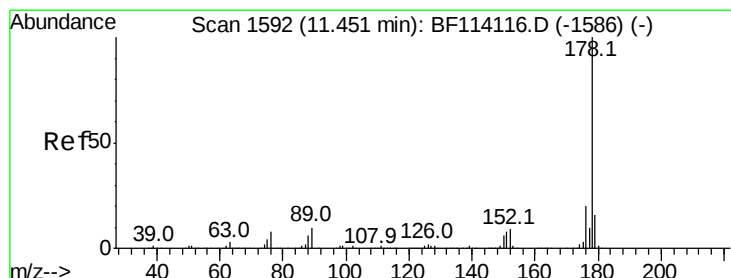
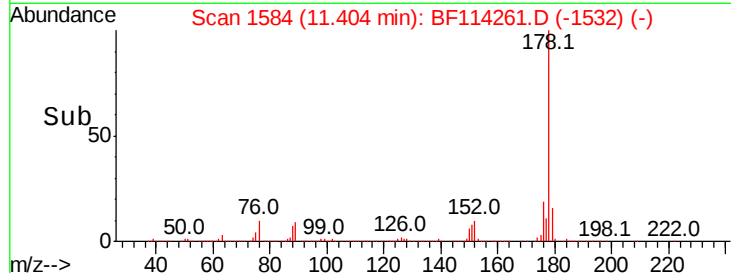
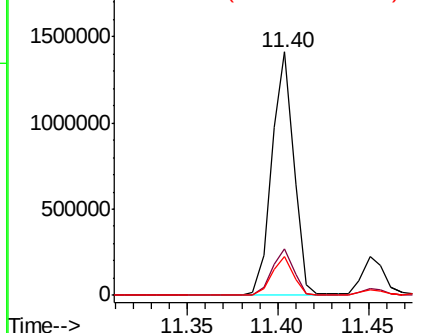
Tot Ion:178 Resp: 1188345  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.4 24.6  
179 15.9 13.2 19.8

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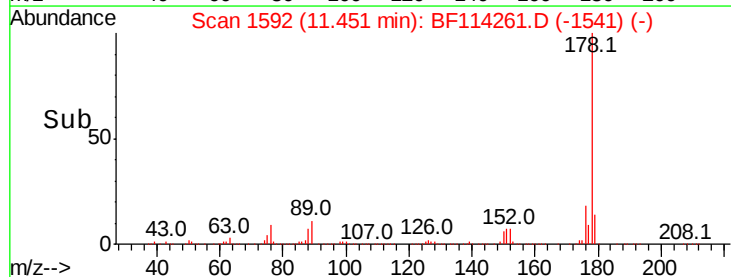
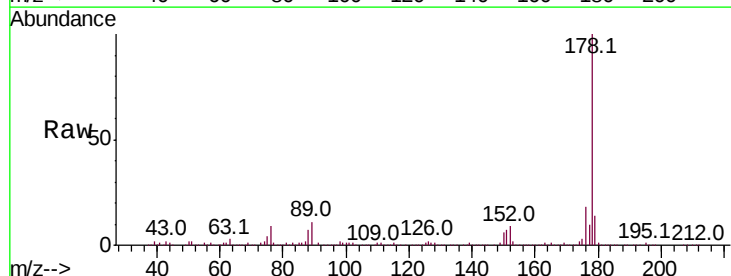
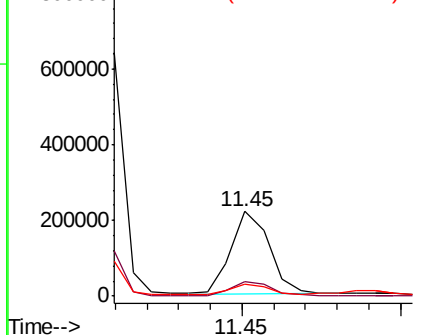
Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

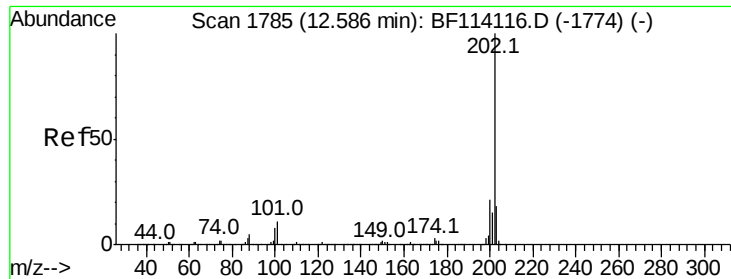


#72  
Anthracene  
Concen: 4.483 ng  
RT: 11.45 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Tgt Ion:178 Resp: 185540  
Ion Ratio Lower Upper  
178 100  
176 17.8 15.8 23.8  
179 14.5 13.0 19.4

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





#75

Fluoranthene

Concen: 38.134 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF114261.D

Acq: 14 May 2019 18:52

Instrument :

BNA\_F

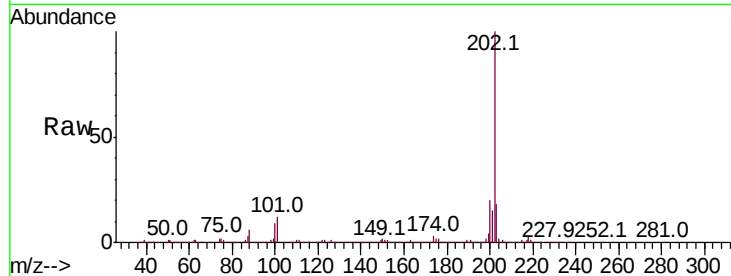
ClientSampleId :

P026-SS006-0002-02DL

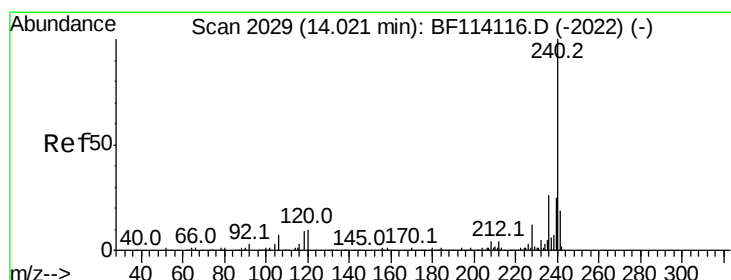
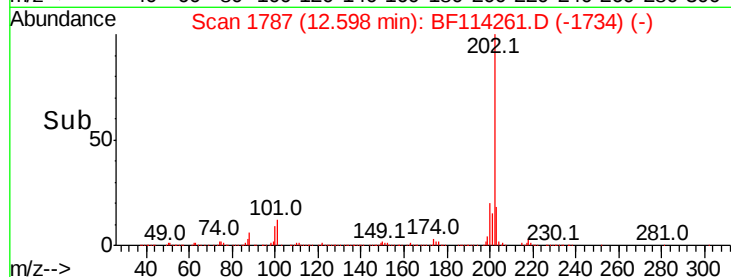
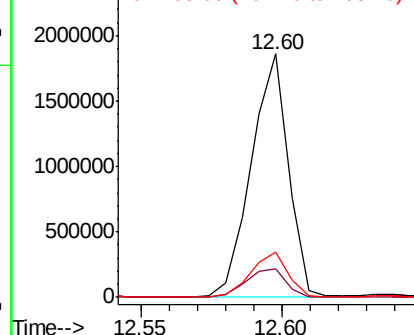
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 202     | 100  |       |      |       |       |
| 101     | 12.0 | 0.0   | 31.0 |       |       |
| 203     | 18.5 | 0.0   | 38.4 |       |       |

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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: 14.03 min Scan# 2030

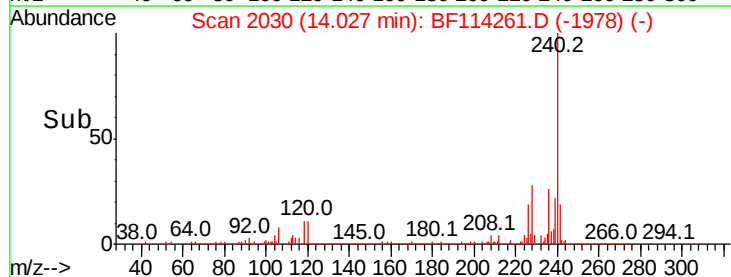
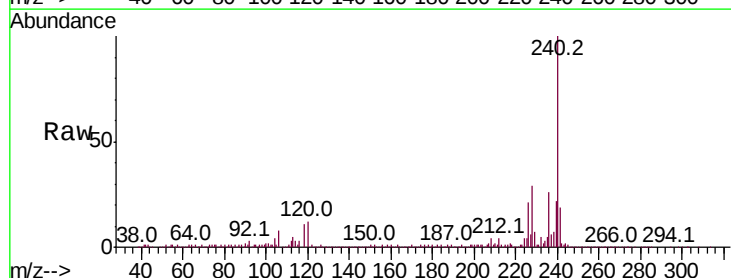
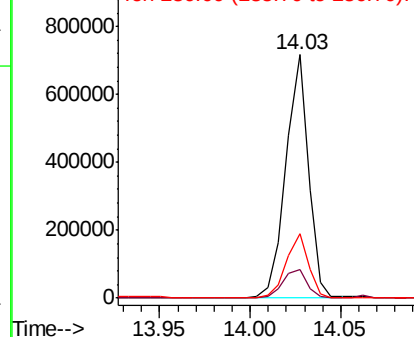
Delta R.T. 0.01 min

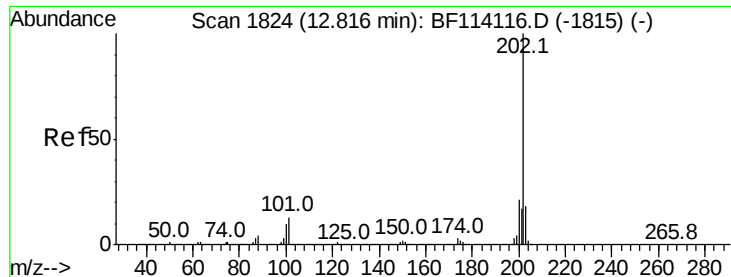
Lab File: BF114261.D

Acq: 14 May 2019 18:52

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 240     | 100  |       |      |       |       |
| 120     | 11.6 | 8.3   | 12.5 |       |       |
| 236     | 26.3 | 20.8  | 31.2 |       |       |

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





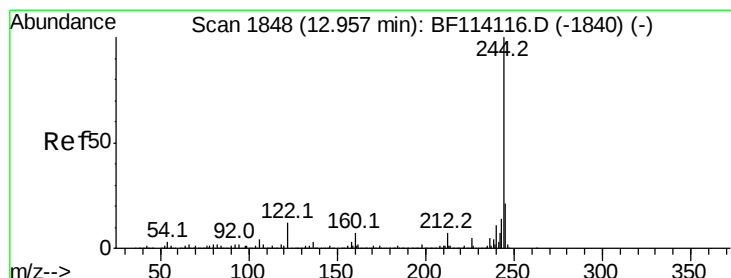
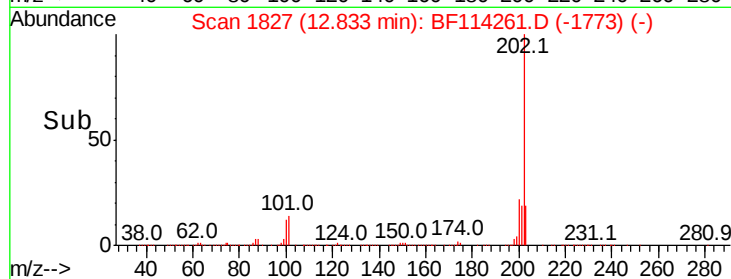
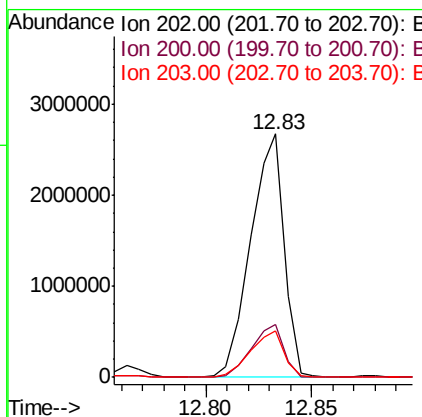
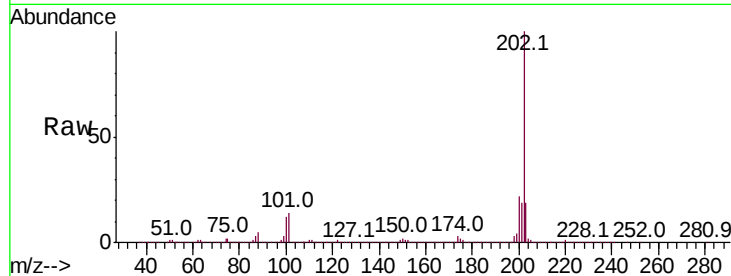
#78  
Pvrene  
Concen: 58.316 ng  
RT: 12.83 min Scan# 1827  
Delta R.T. 0.02 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.7  | 16.9  | 25.3  |
| 203     | 19.0  | 14.5  | 21.7  |

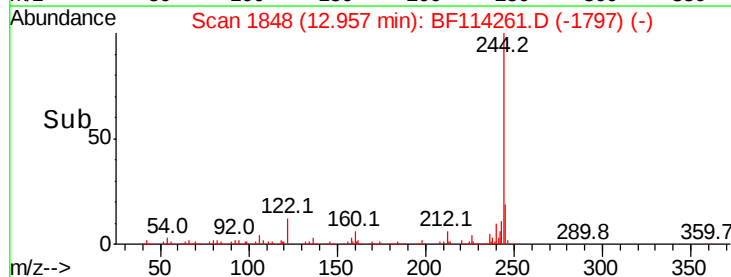
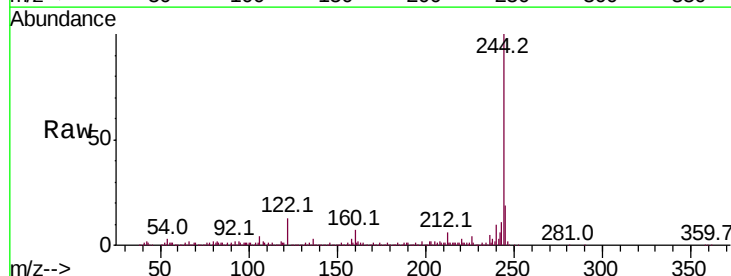
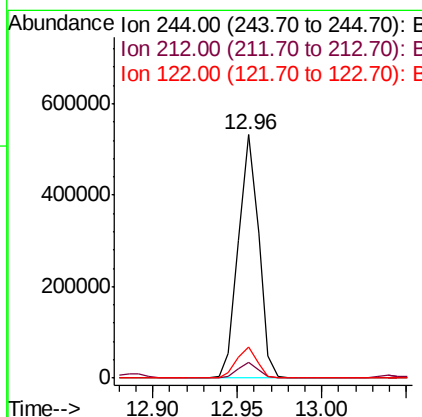
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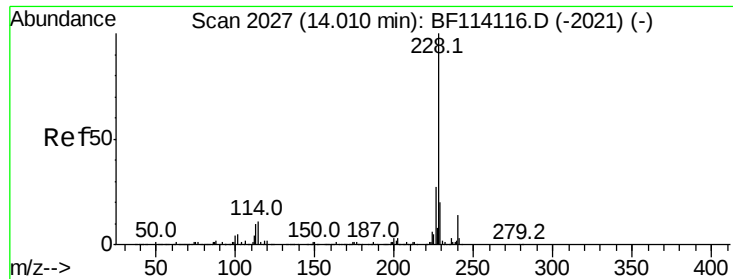
mohammad  
5/16/2019 9:10:05 AM



#79  
Terphenyl-d14  
Concen: 14.758 ng  
RT: 12.96 min Scan# 1848  
Delta R.T. -0.00 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.3   | 5.8   | 8.6   |
| 122     | 12.6  | 9.4   | 14.2  |





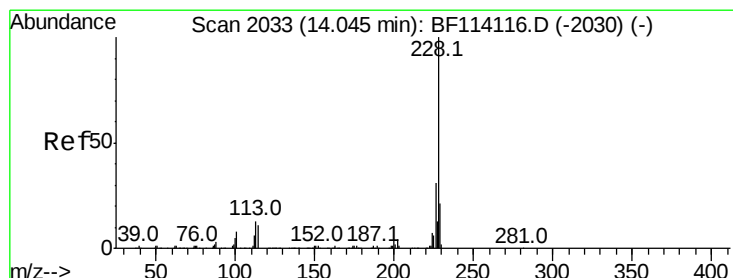
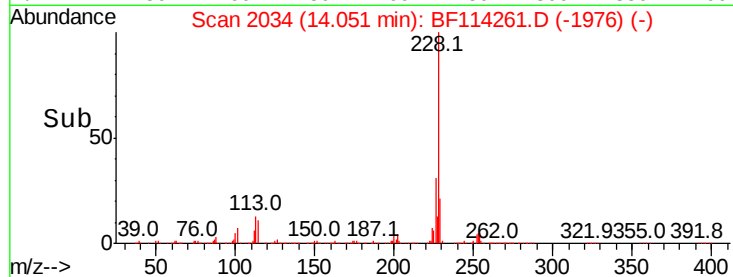
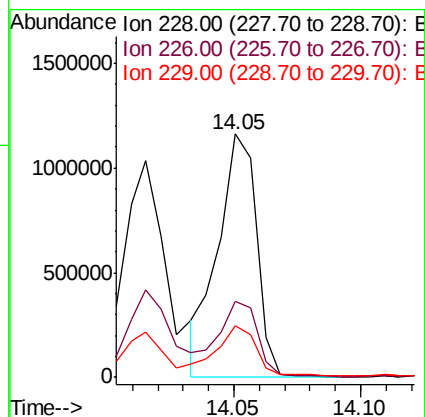
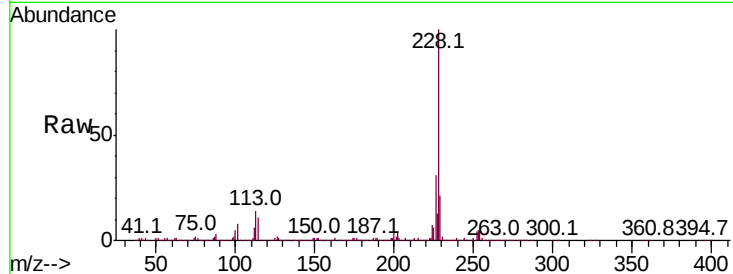
#81  
Benzo(a)anthracene  
Concen: 30.309 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. 0.04 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 22.2  | 33.2  |
| 229     | 21.1  | 16.4  | 24.6  |

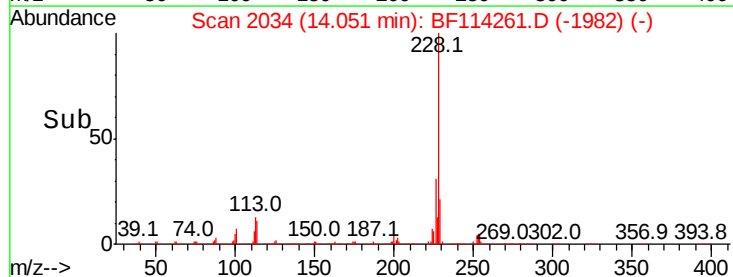
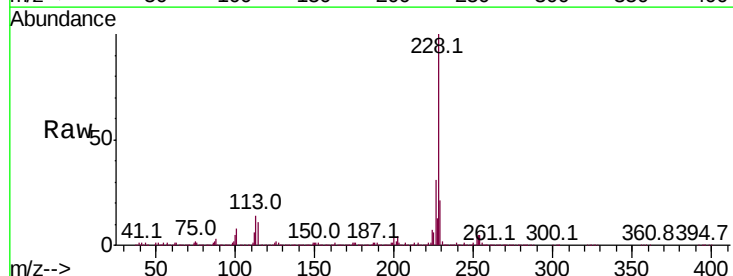
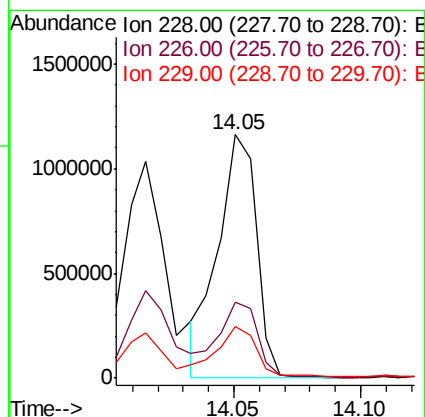
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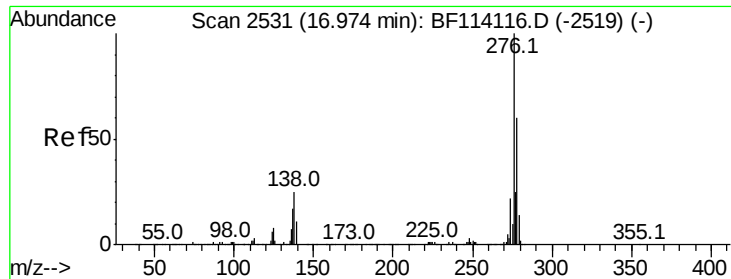
mohammad  
5/16/2019 9:10:05 AM



#83  
Chrysene  
Concen: 30.919 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 25.0  | 37.6  |
| 229     | 21.1  | 17.0  | 25.6  |





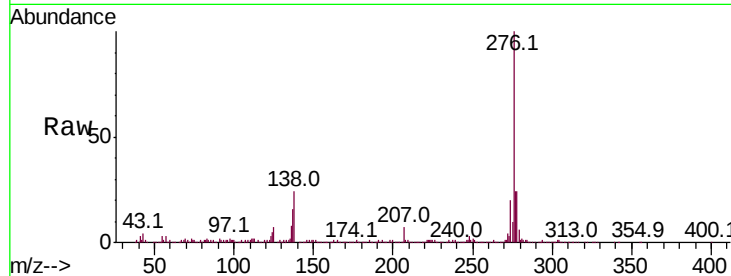
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 15.895 ng  
 RT: 16.99 min Scan# 2534  
 Delta R.T. 0.02 min  
 Lab File: BF114261.D  
 Acq: 14 May 2019 18:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS006-0002-02DL

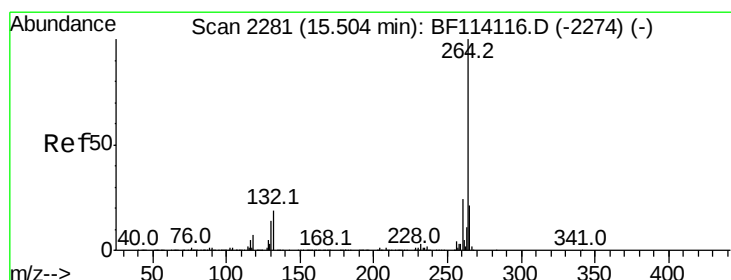
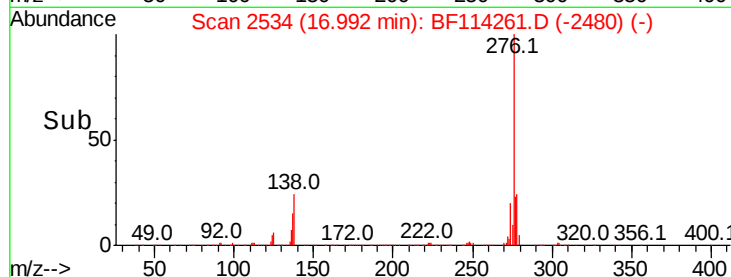
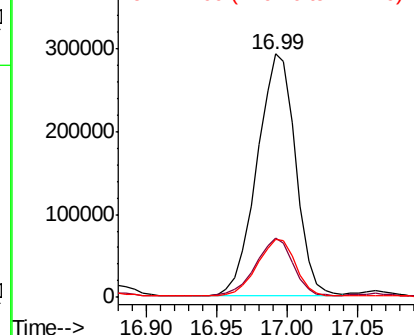
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.3  | 20.2  | 30.2  |
| 277     | 23.5  | 20.0  | 30.0  |

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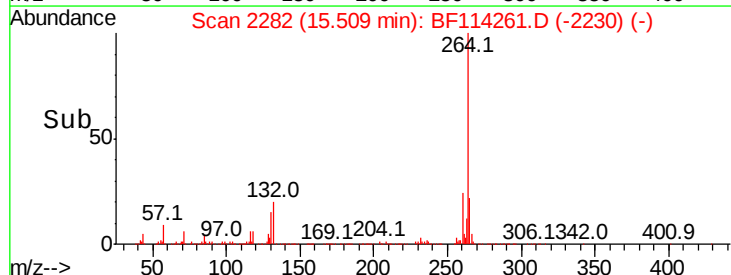
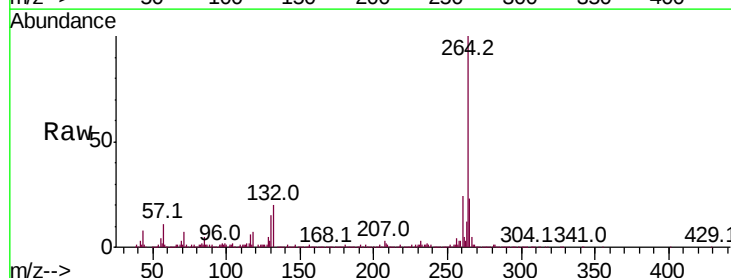
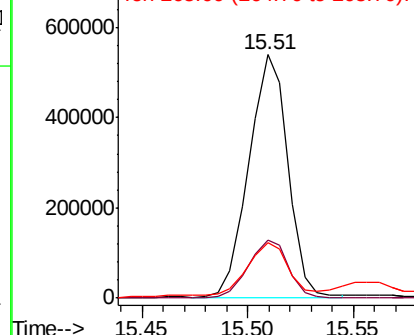
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

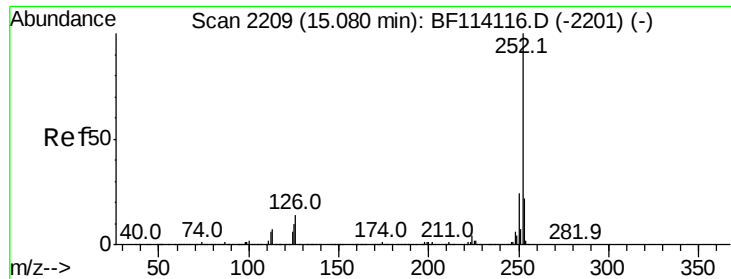


#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.51 min Scan# 2282  
 Delta R.T. 0.01 min  
 Lab File: BF114261.D  
 Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.4  | 29.0  |
| 265     | 22.7  | 16.9  | 25.3  |

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





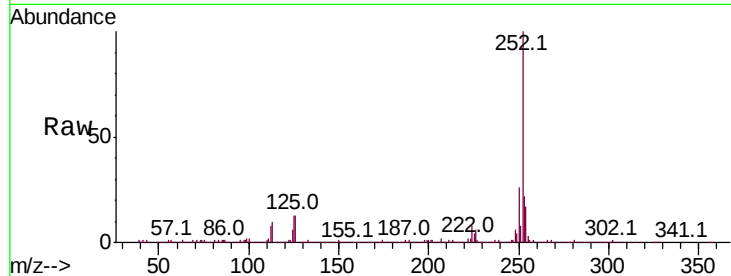
#88  
Benzo(b)fluoranthene  
Concen: 30.192 ng m  
RT: 15.09 min Scan# 2210  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.8  | 26.8  |
| 125     | 12.6  | 8.3   | 12.5  |

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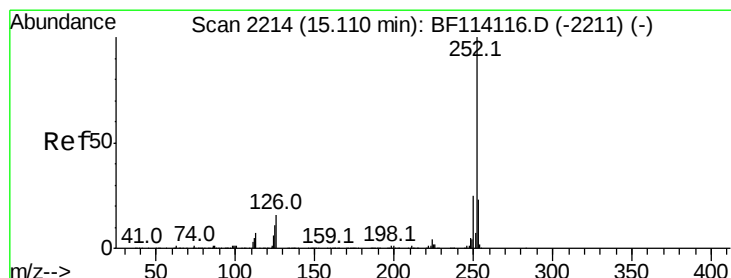
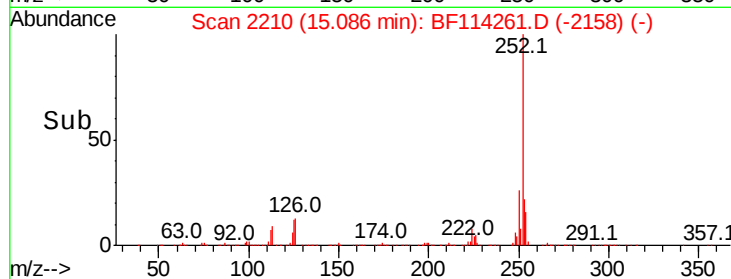
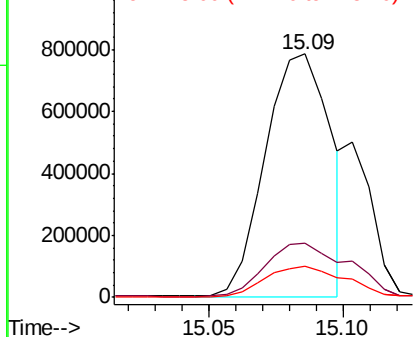


Abundance

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



#89  
Benzo(k)fluoranthene  
Concen: 8.686 ng m  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

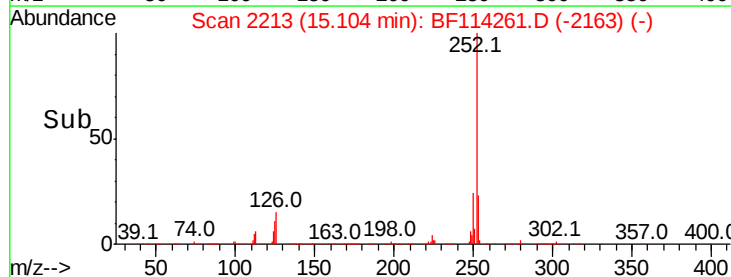
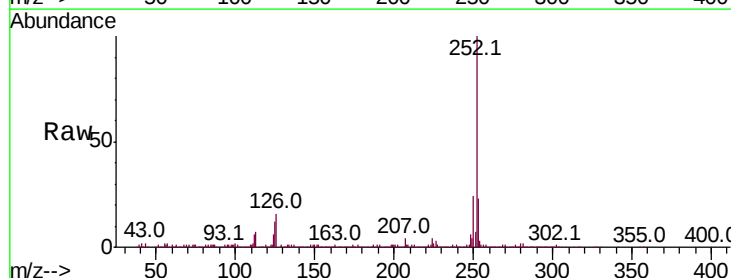
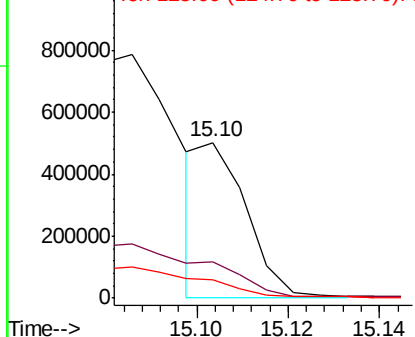
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.2  | 27.2  |
| 125     | 11.9  | 8.6   | 13.0  |

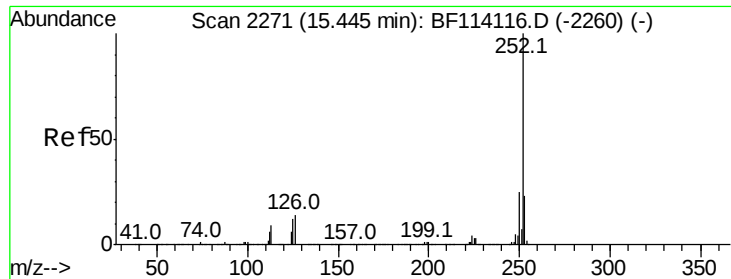
Abundance

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





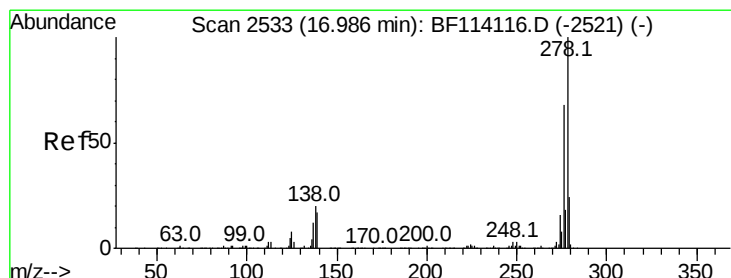
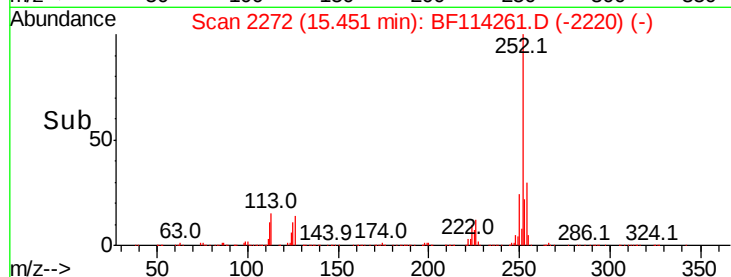
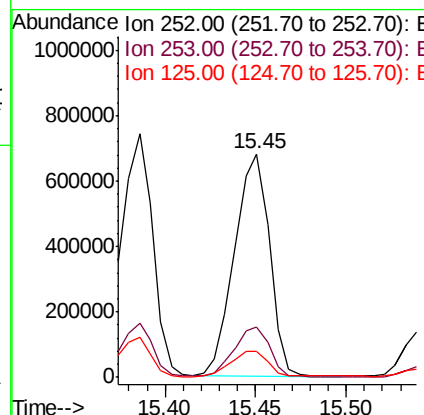
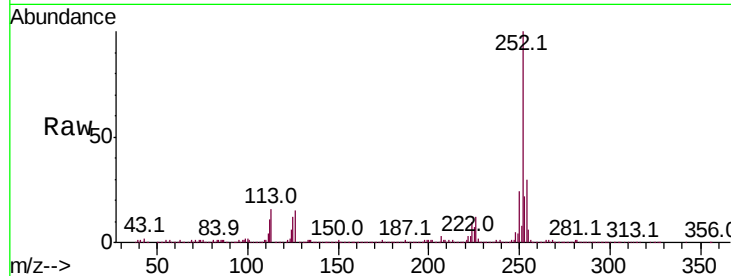
#90  
Benzo(a)pyrene  
Concen: 23.557 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
P026-SS006-0002-02DL

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.5  | 18.1       | 27.1  |
| 125     | 11.6  | 9.5        | 14.3  |

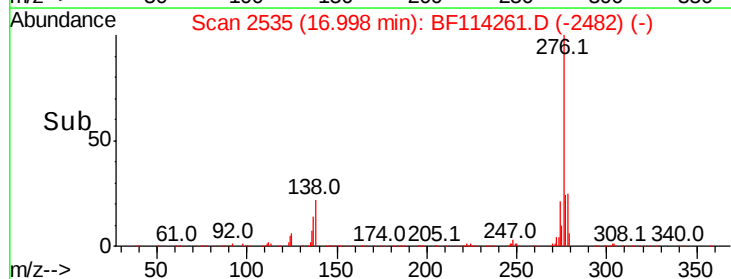
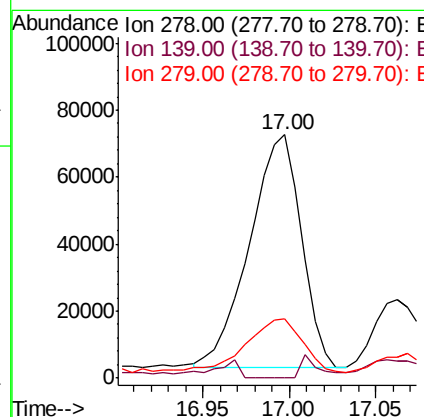
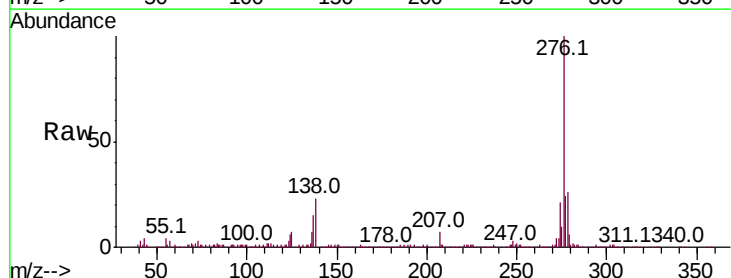
Manual Integrations  
APPROVED

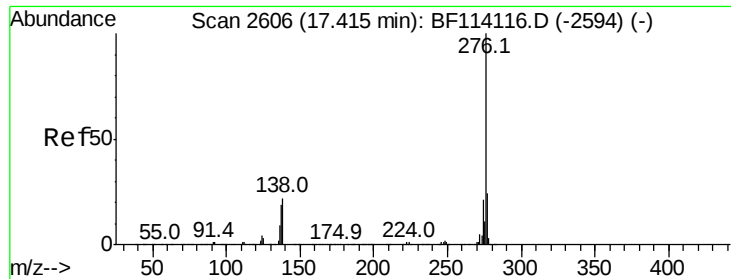
mohammad  
5/16/2019 9:10:05 AM



#91  
Dibenzo(a,h)anthracene  
Concen: 4.549 ng m  
RT: 17.00 min Scan# 2535  
Delta R.T. 0.01 min  
Lab File: BF114261.D  
Acq: 14 May 2019 18:52

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 0.0   | 13.5       | 20.3# |
| 279     | 24.1  | 19.0       | 28.6  |





#92  
 Benzo(a,h,i)perylene  
 Concen: 19.251 ng  
 RT: 17.44 min Scan# 2611  
 Delta R.T. 0.03 min  
 Lab File: BF114261.D  
 Acq: 14 May 2019 18:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P026-SS006-0002-02DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.3  | 19.0  | 28.4  |
| 138     | 22.4  | 17.8  | 26.6  |

Manual Integrations  
 APPROVED

mohammad  
 5/16/2019 9:10:05 AM

