

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\  
 Data File : BP000123.D  
 Acq On : 09 Sep 2019 05:12  
 Operator : HP/JU  
 Sample : K4636-08 2X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-22-COMP

Manual Integrations  
 APPROVED

mohammad  
 9/10/2019 2:51:33 PM

Quant Time: Sep 09 08:30:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 437045   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1589523  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 872481   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.43 | 188  | 1538312  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.10 | 240  | 1140857  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 1205564  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 1314210 | 47.95 | ng | 0.00 |
| 7) Phenol-d6             | 6.51  | 99  | 1695430 | 49.00 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 884559  | 34.15 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 401369  | 54.58 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 1751662 | 33.53 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.03 | 244 | 1609714 | 30.75 | ng | 0.00 |

## Target Compounds

|                                |       |     |          |        |    | Qvalue |
|--------------------------------|-------|-----|----------|--------|----|--------|
| 31) Naphthalene                | 8.19  | 128 | 155583   | 2.133  | ng | 98     |
| 49) Acenaphthylene             | 9.79  | 152 | 210071   | 2.769  | ng | 97     |
| 50) Dimethylphthalate          | 9.65  | 163 | 202962   | 3.414  | ng | 99     |
| 52) Acenaphthene               | 9.97  | 154 | 281511   | 5.913  | ng | 98     |
| 55) Dibenzofuran               | 10.14 | 168 | 189320   | 2.801  | ng | 98     |
| 58) Fluorene                   | 10.49 | 166 | 290773   | 5.715  | ng | 96     |
| 71) Phenanthrene               | 11.46 | 178 | 4371572  | 57.016 | ng | 99     |
| 72) Anthracene                 | 11.51 | 178 | 1263747  | 16.685 | ng | 97     |
| 73) Carbazole                  | 11.66 | 167 | 419317   | 5.865  | ng | 96     |
| 75) Fluoranthene               | 12.66 | 202 | 6235744  | 74.842 | ng | 96     |
| 78) Pyrene                     | 12.90 | 202 | 5739363  | 68.383 | ng | 95     |
| 81) Benzo(a)anthracene         | 14.10 | 228 | 3031848  | 41.011 | ng | 96     |
| 83) Chrysene                   | 14.13 | 228 | 2902454  | 41.508 | ng | 97     |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149 | 1599899  | 32.876 | ng | 100    |
| 86) Indeno(1,2,3-cd)pyrene     | 17.19 | 276 | 1390000  | 15.864 | ng | 94     |
| 88) Benzo(b)fluoranthene       | 15.18 | 252 | 3275564m | 44.482 | ng |        |
| 89) Benzo(k)fluoranthene       | 15.21 | 252 | 907176m  | 13.462 | ng |        |
| 90) Benzo(a)pyrene             | 15.57 | 252 | 2414910  | 36.329 | ng | 98     |
| 91) Dibenzo(a,h)anthracene     | 17.19 | 278 | 370055   | 5.567  | ng | 94     |
| 92) Benzo(a,h,i)perylene       | 17.65 | 276 | 1283861  | 19.513 | ng | 96     |

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

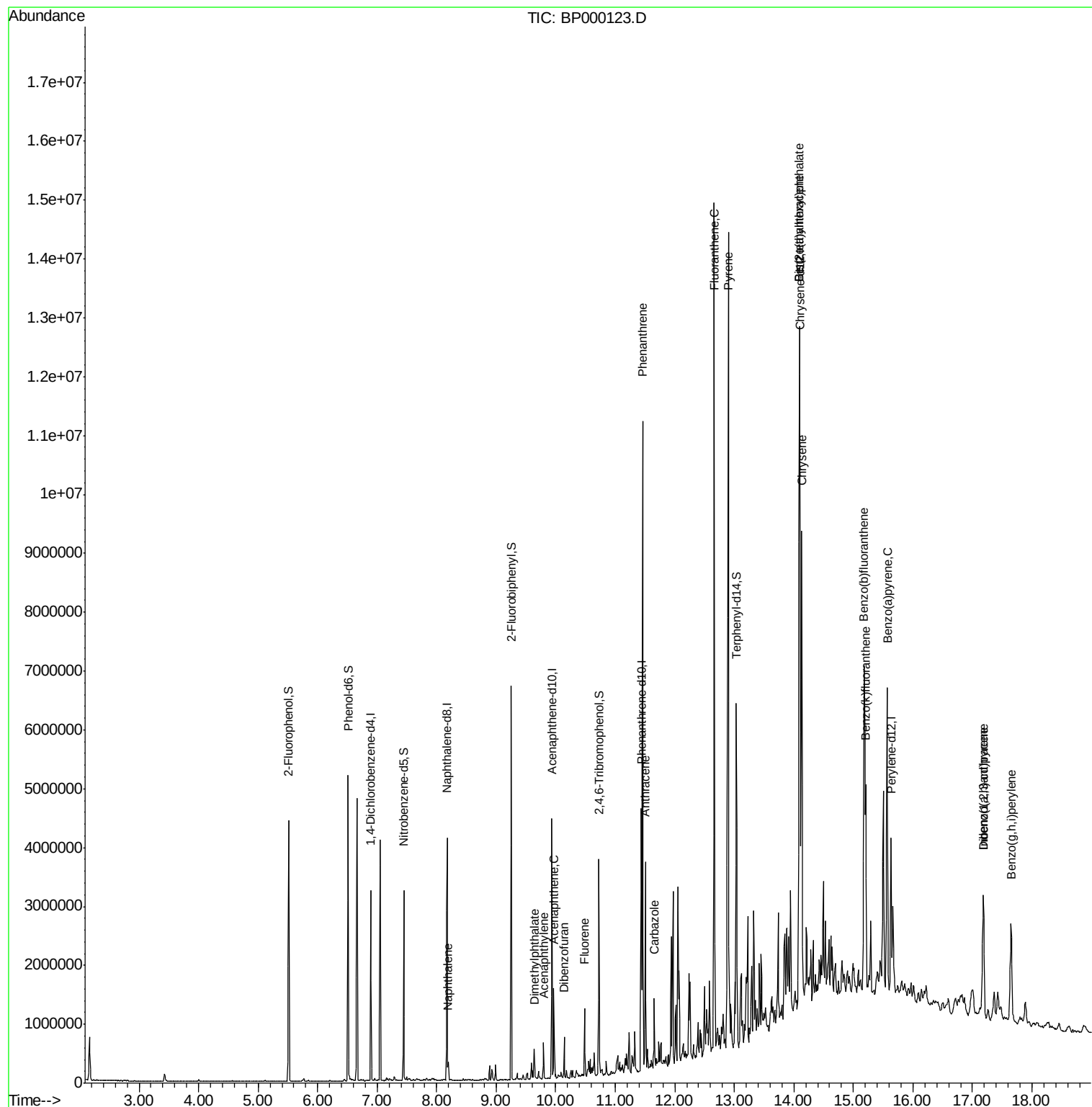
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\  
Data File : BP000123.D  
Acq On : 09 Sep 2019 05:12  
Operator : HP/JU  
Sample : K4636-08 2X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

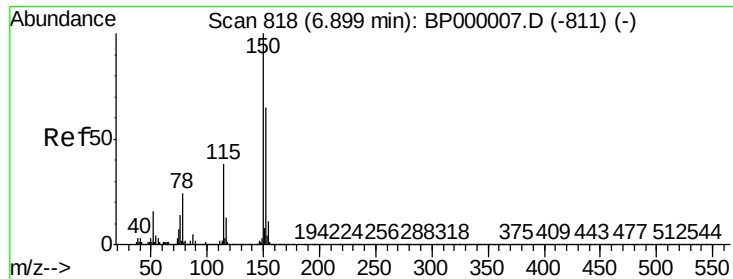
Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

Quant Time: Sep 09 08:30:28 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration

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#1

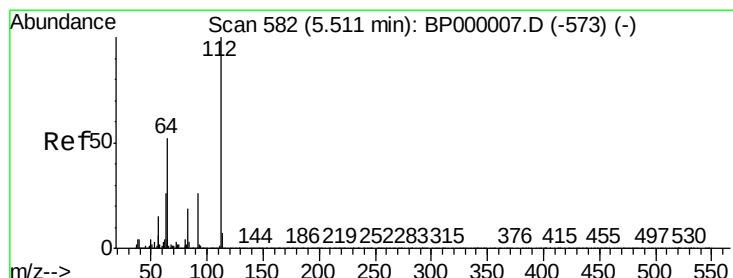
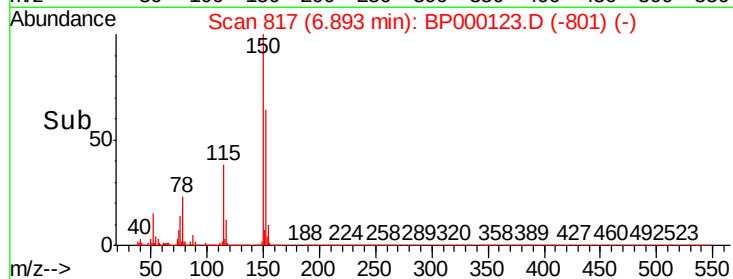
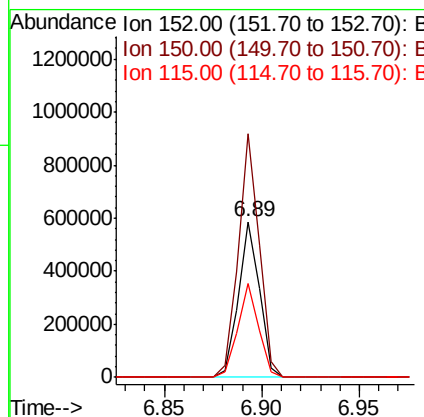
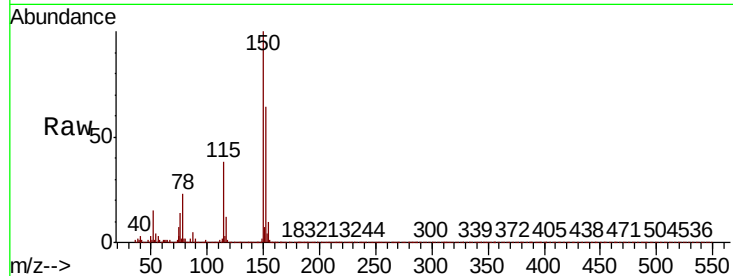
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 123.0 | 184.6 |
| 115     | 60.1  | 46.7  | 70.1  |

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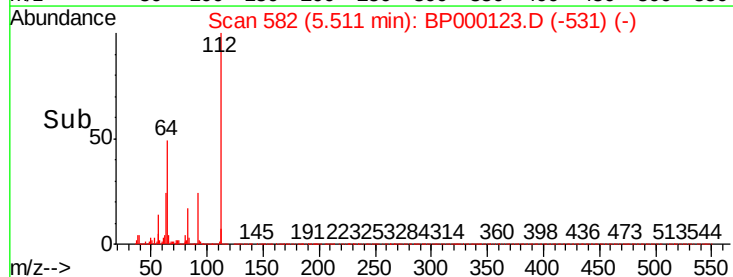
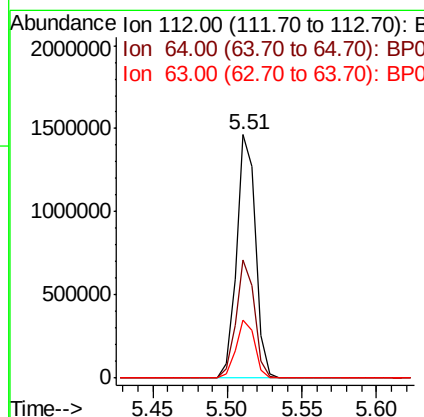
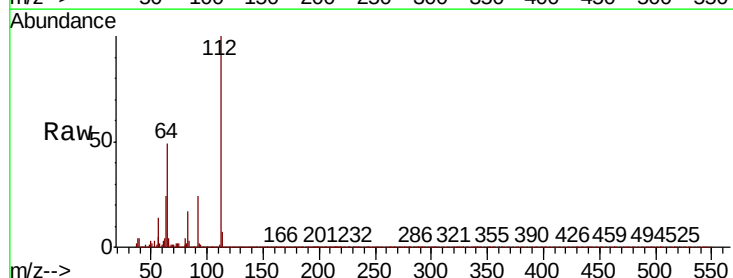
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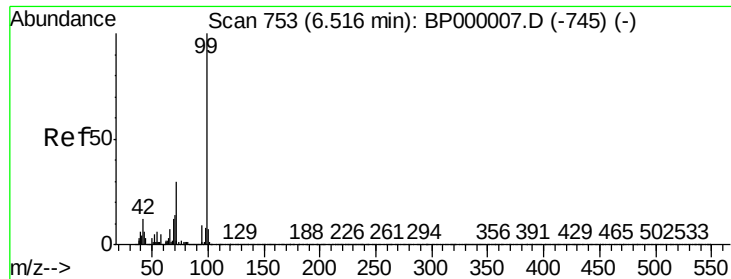


#5

2-Fluorophenol  
Concen: 47.951 ng  
RT: 5.51 min Scan# 582  
Delta R.T. 0.00 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 48.6  | 41.8  | 62.8  |
| 63      | 24.0  | 21.0  | 31.4  |





#7

Phenol-d6

Concen: 49.001 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

ClientSampleId :

SB-22-COMP

Tot Ion: 99 Resp: 1695430

Ion Ratio Lower Upper

99 100

42 11.2 9.8 14.8

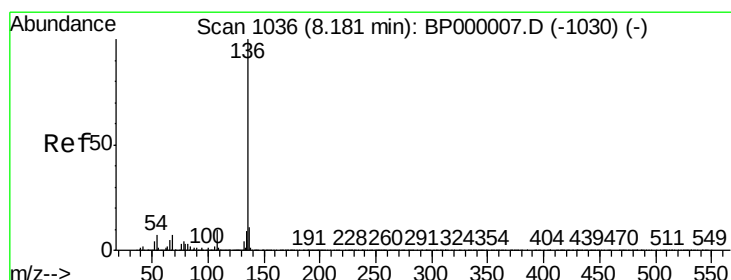
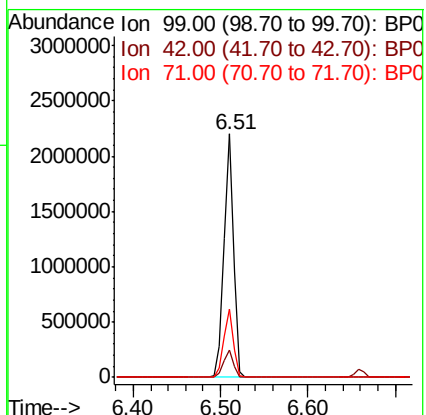
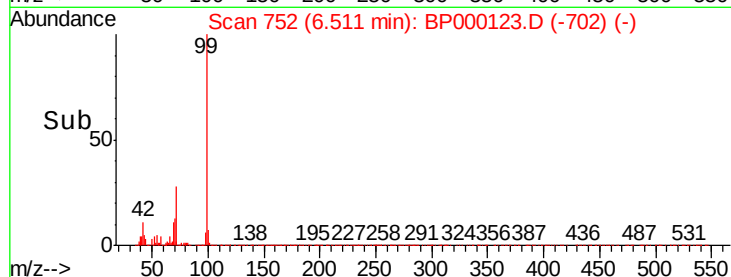
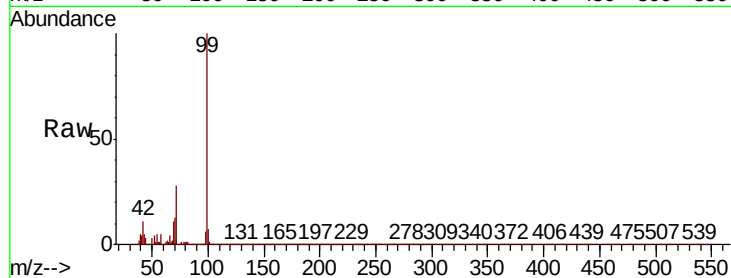
71 28.3 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Tgt Ion: 136 Resp: 1589523

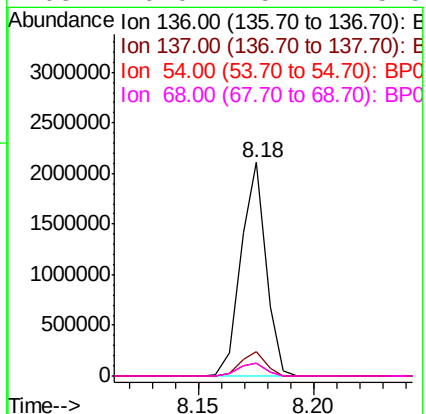
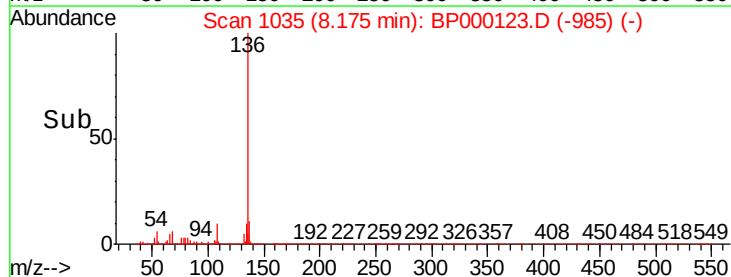
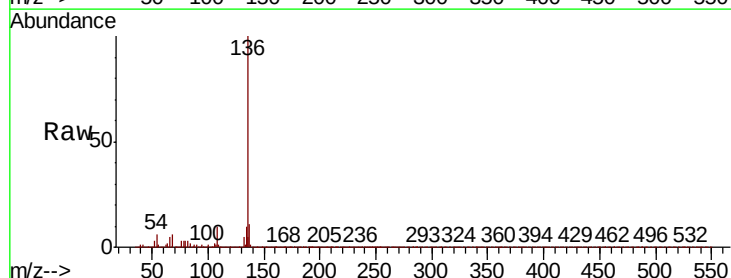
Ion Ratio Lower Upper

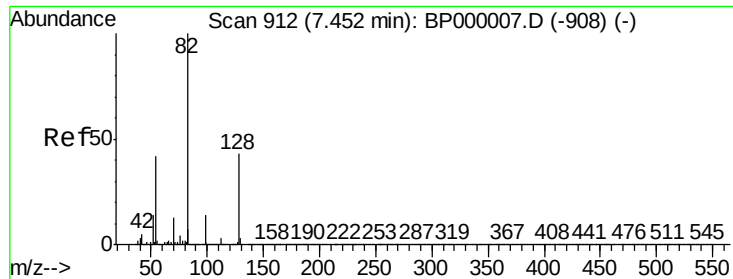
136 100

137 11.3 8.6 13.0

54 6.0 5.4 8.2

68 6.0 5.4 8.0





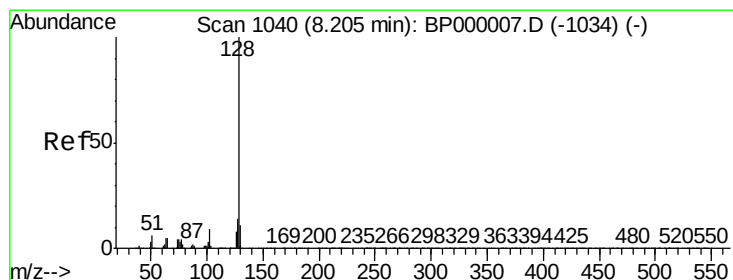
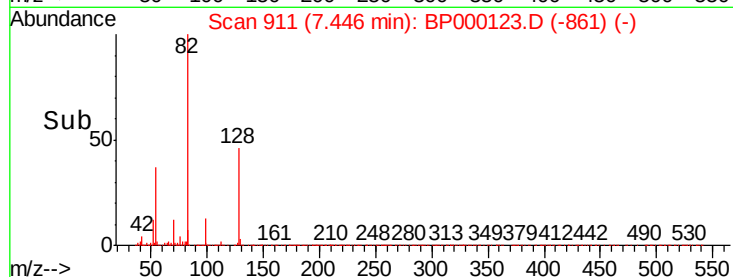
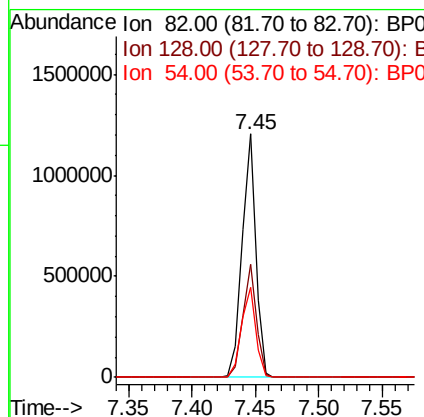
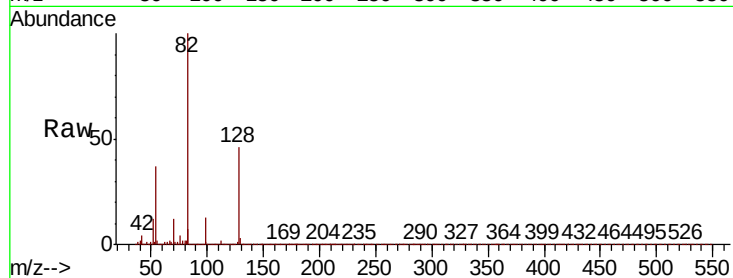
#23  
Nitrobenzene-d5  
Concen: 34.146 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.4  | 34.5  | 51.7  |
| 54      | 36.8  | 33.2  | 49.8  |

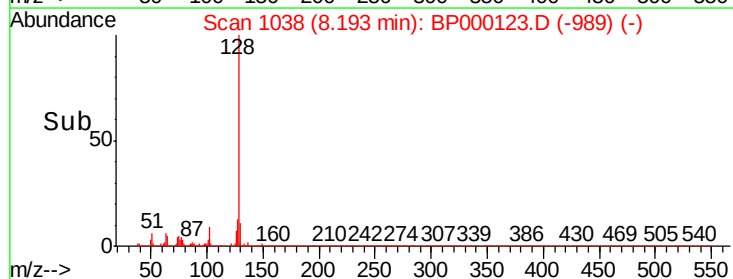
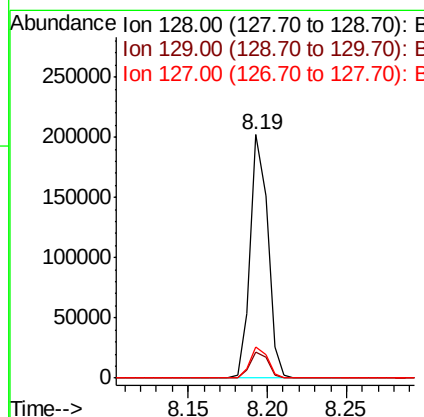
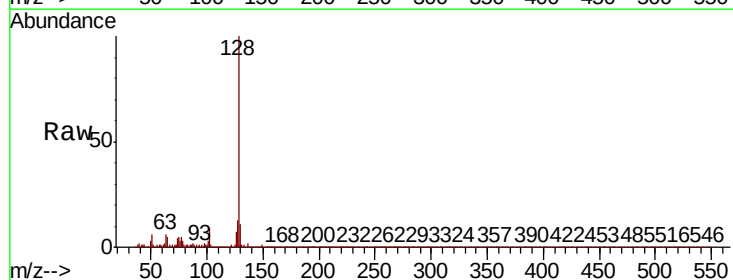
Manual Integrations  
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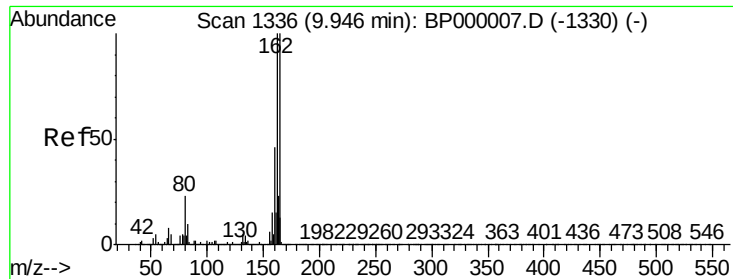
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#31  
Naphthalene  
Concen: 2.133 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.0   | 13.6  |
| 127     | 12.9  | 11.0  | 16.6  |





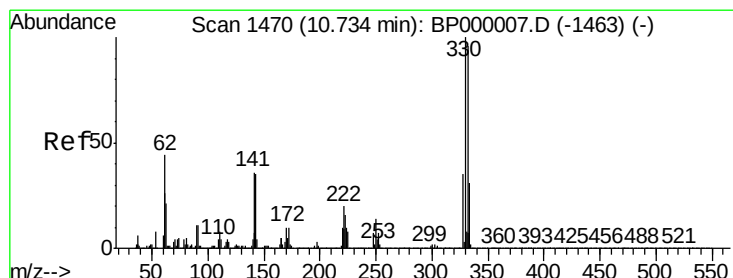
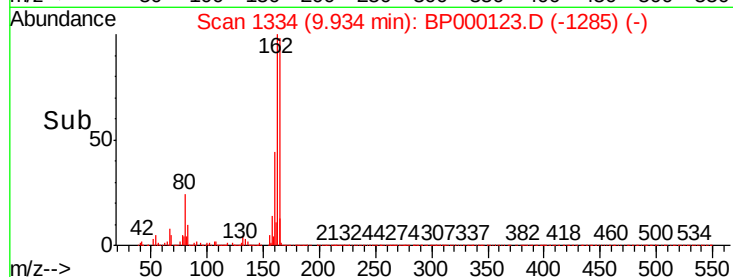
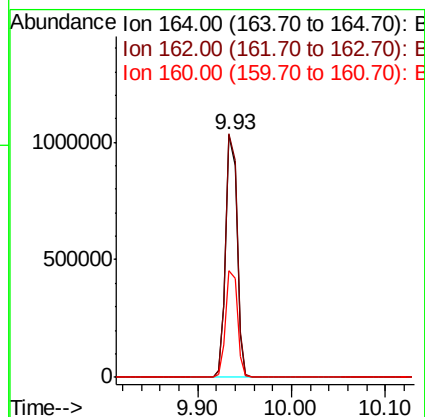
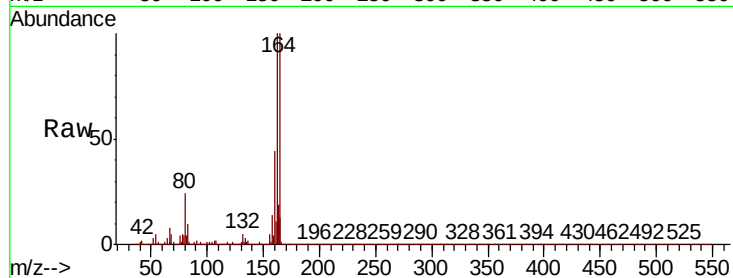
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampled :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.2 | 80.2  | 120.4 |
| 160     | 44.0  | 36.6  | 55.0  |

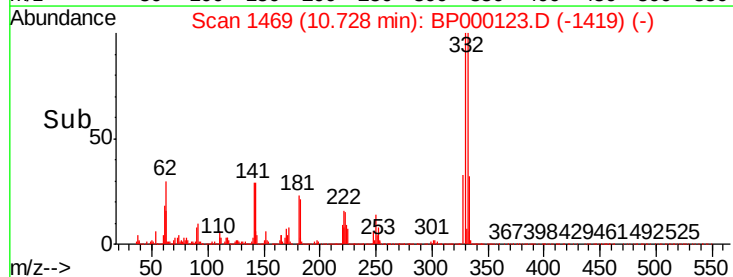
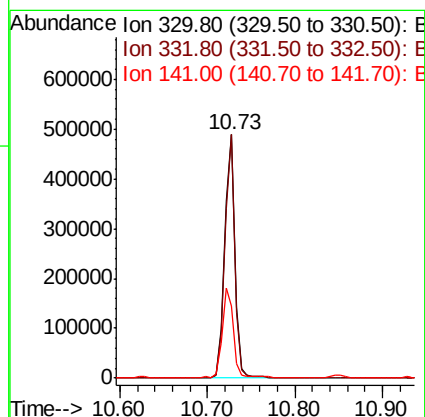
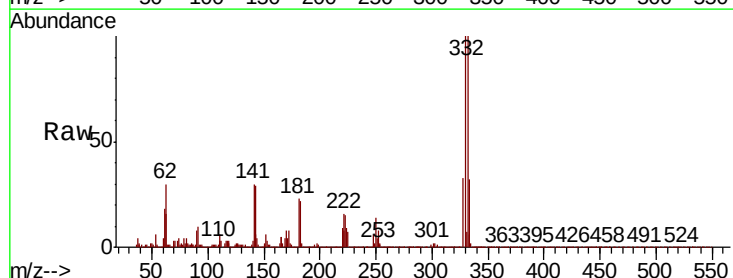
Manual Integrations  
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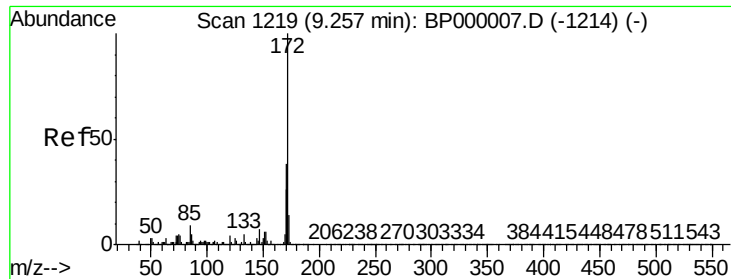
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#42  
2,4,6-Tribromophenol  
Concen: 54.577 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 76.8  | 115.2 |
| 141     | 39.5  | 33.6  | 50.4  |





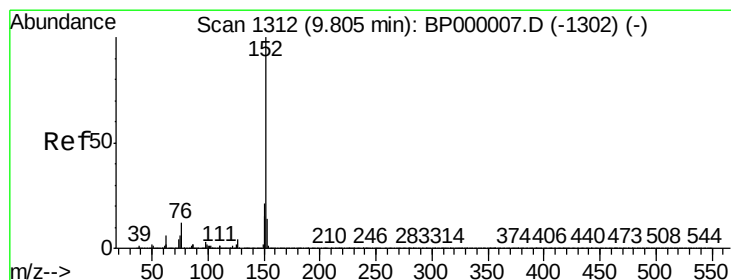
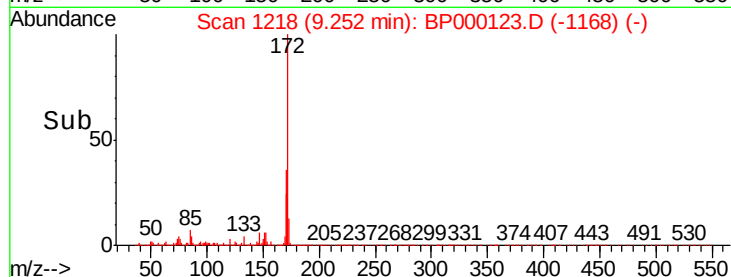
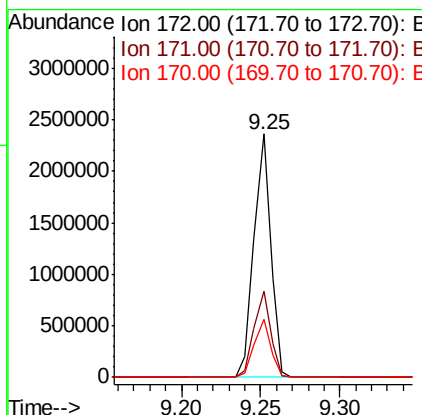
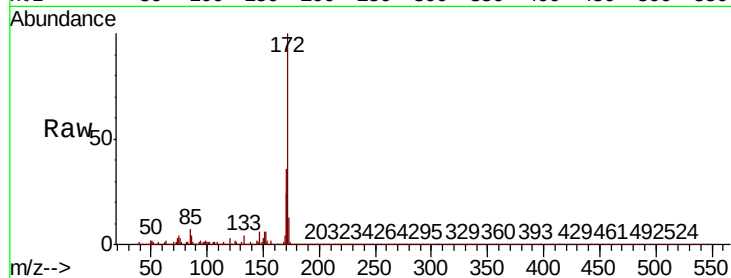
#45  
2-Fluorobiphenyl  
Concen: 33.528 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 30.7  | 46.1  |
| 170     | 23.9  | 20.7  | 31.1  |

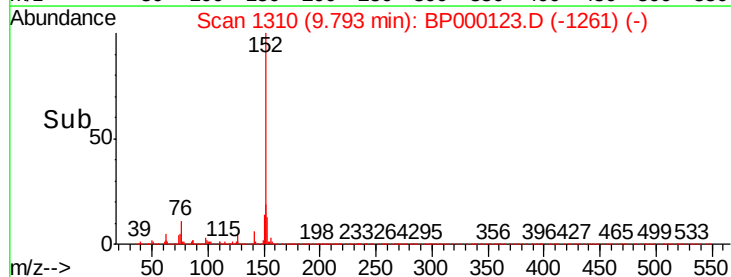
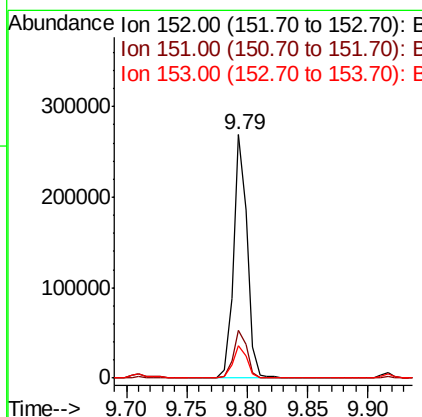
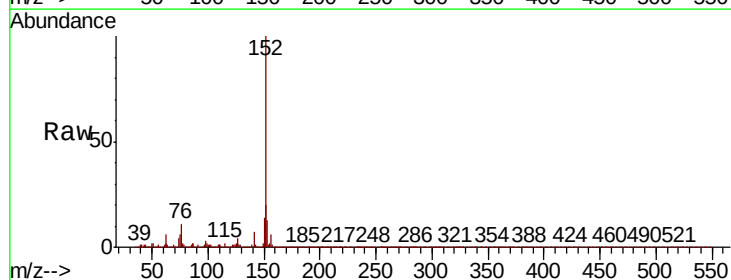
Manual Integrations  
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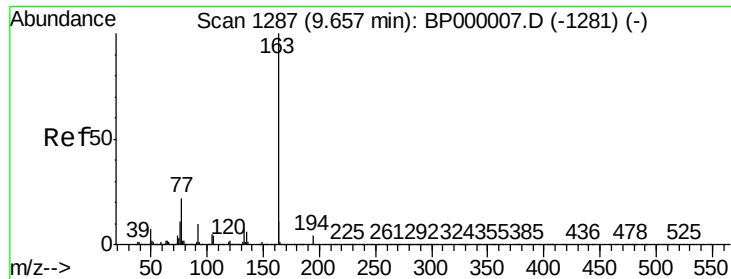
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#49  
Acenaphthylene  
Concen: 2.769 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.5  | 17.0  | 25.6  |
| 153     | 13.4  | 11.0  | 16.6  |





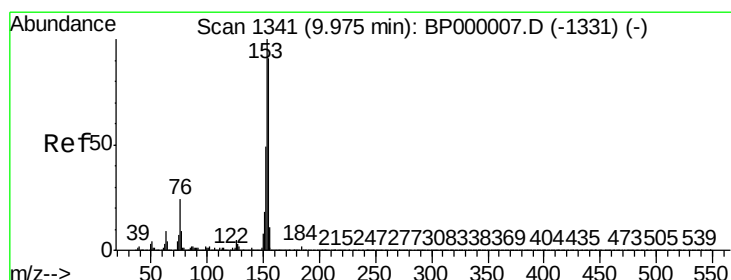
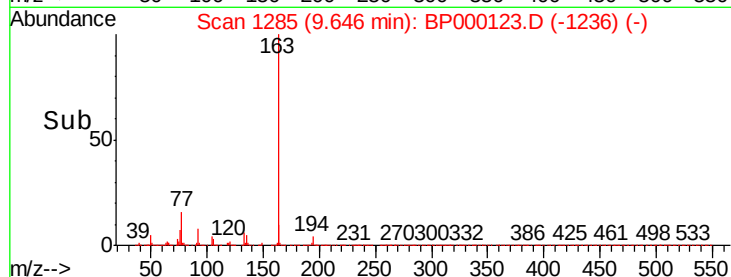
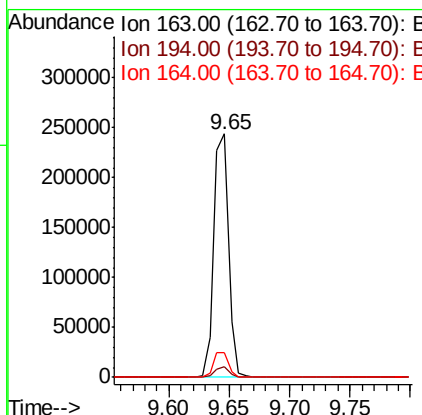
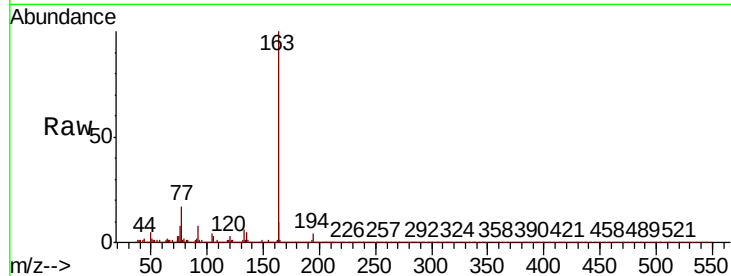
#50  
Dimethylphthalate  
Concen: 3.414 ng  
RT: 9.65 min Scan# 1285  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.2   | 3.3  | 4.9   |       |
| 164     | 10.1  | 8.4  | 12.6  |       |

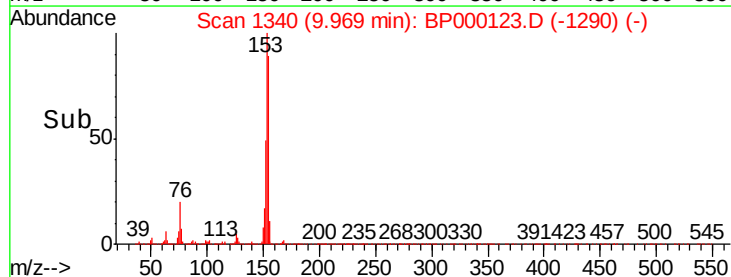
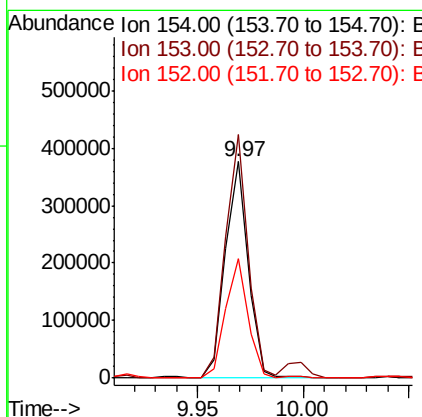
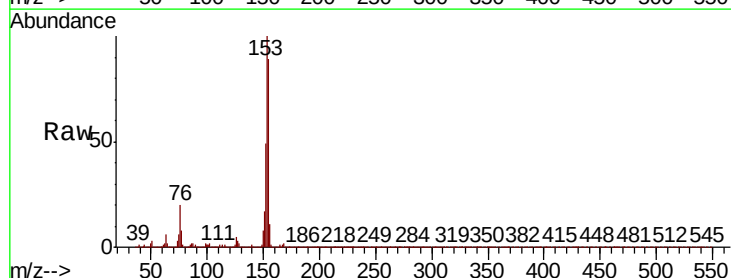
Manual Integrations  
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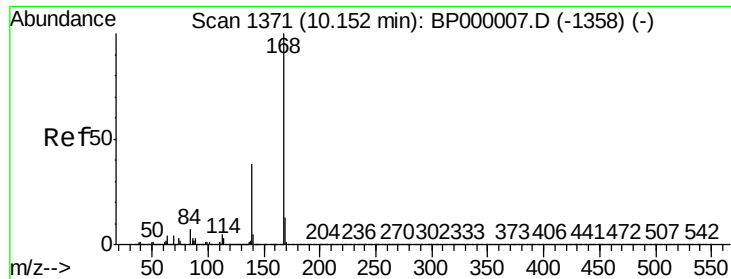


#52  
Acenaphthene  
Concen: 5.913 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.7 | 88.2 | 132.2 |       |
| 152     | 55.2  | 42.9 | 64.3  |       |







#55

Dibenzenofuran

Concen: 2.801 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

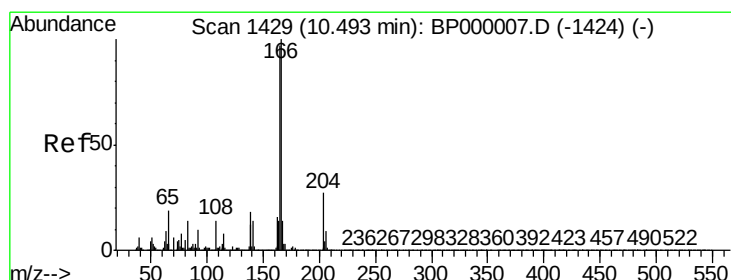
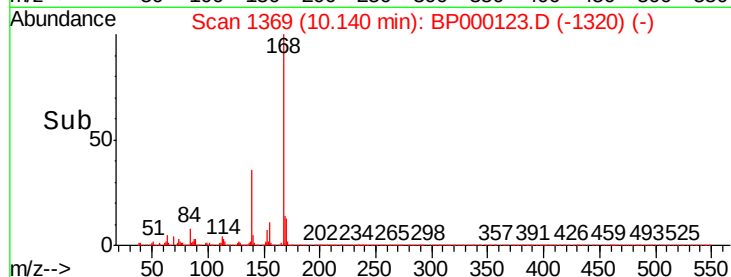
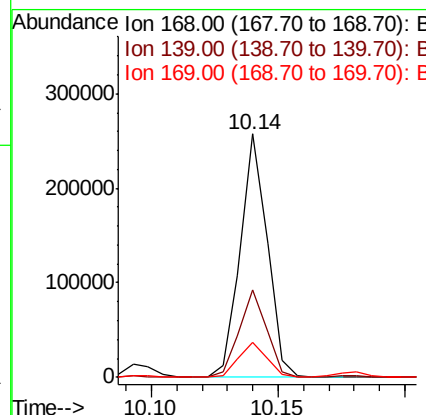
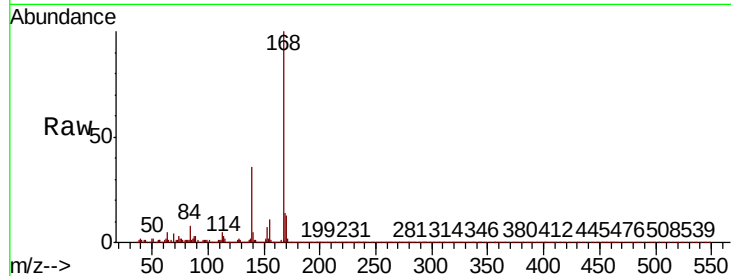
ClientSampleId :

SB-22-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 189320 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 36.2  | 30.2  | 45.2   |
| 169       | 14.1  | 10.7  | 16.1   |

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#58

Fluorene

Concen: 5.715 ng

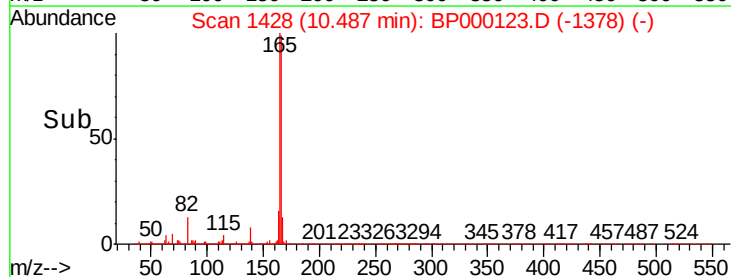
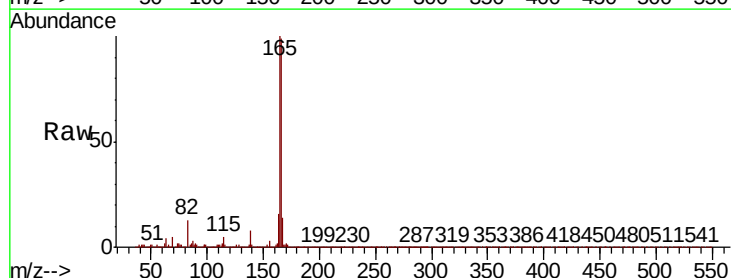
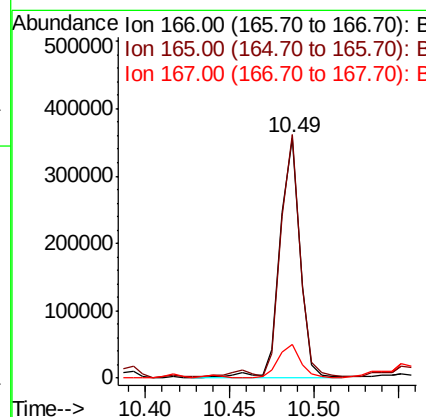
RT: 10.49 min Scan# 1428

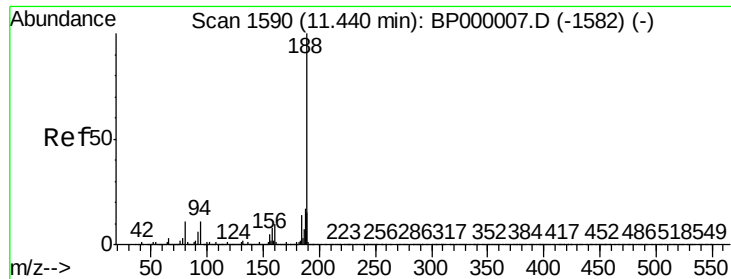
Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 290773 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 101.3 | 77.3  | 115.9  |
| 167       | 13.9  | 11.0  | 16.6   |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

ClientSampleId :

SB-22-COMP

Tot Ion:188 Resp: 1538312

Ion Ratio Lower Upper

188 100

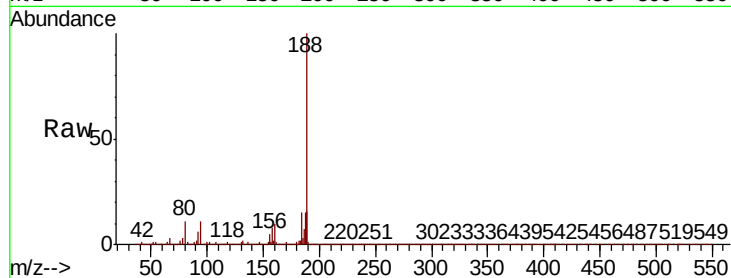
94 10.6 8.8 13.2

80 11.2 9.0 13.6

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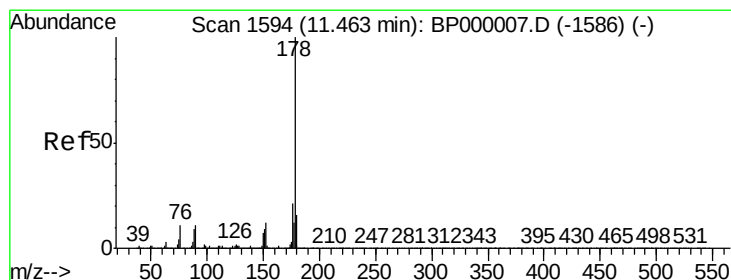
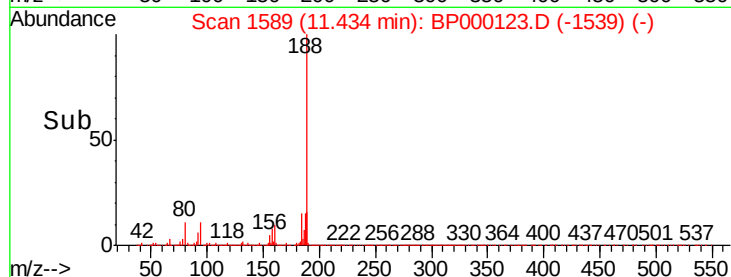
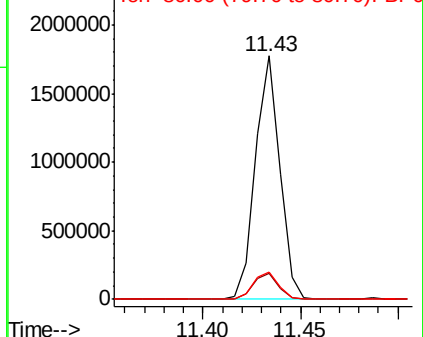
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 57.016 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

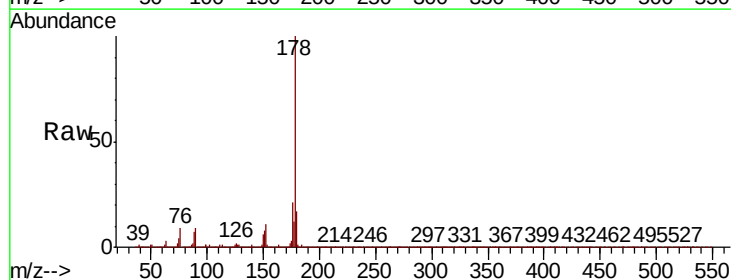
Tgt Ion:178 Resp: 4371572

Ion Ratio Lower Upper

178 100

176 21.4 16.7 25.1

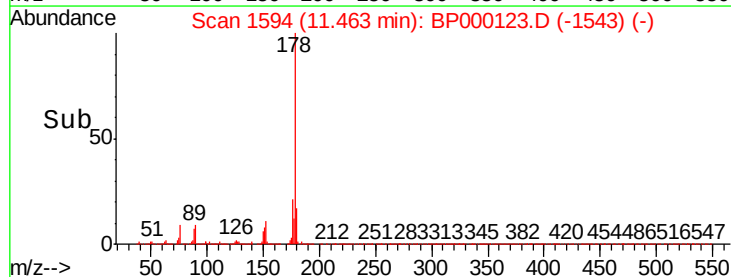
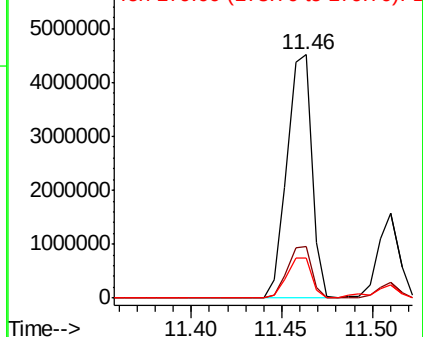
179 16.7 13.1 19.7

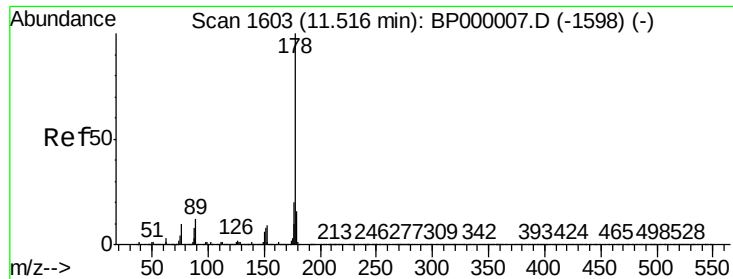


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 16.685 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

ClientSampleId :

SB-22-COMP

Tot Ion:178 Resp: 1263747

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

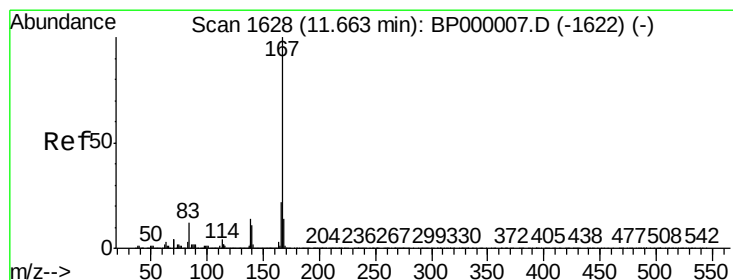
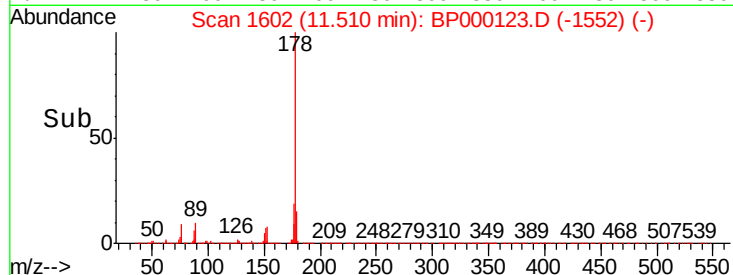
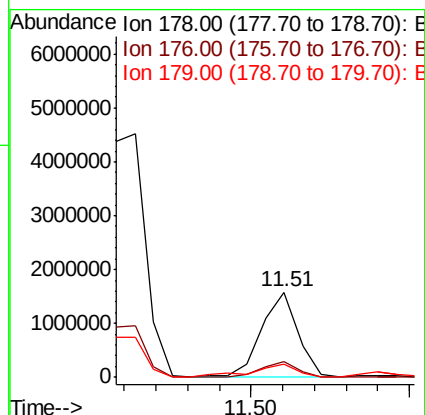
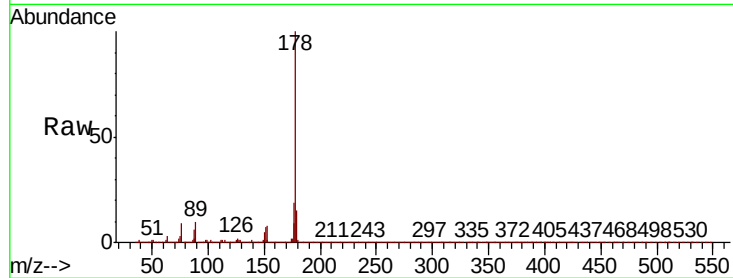
179 15.1 13.0 19.6

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#73

Carbazole

Concen: 5.865 ng

RT: 11.66 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

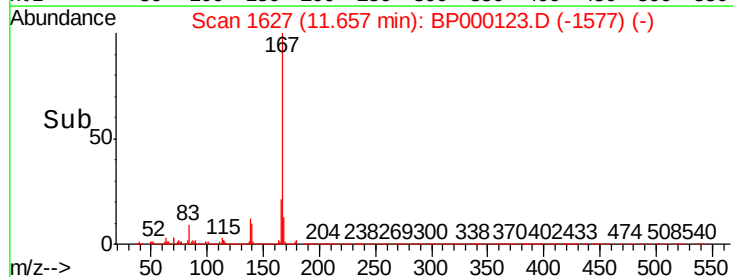
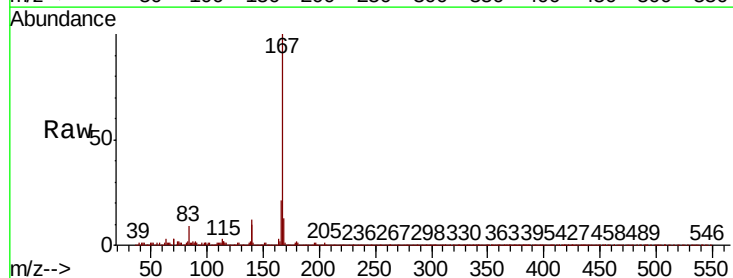
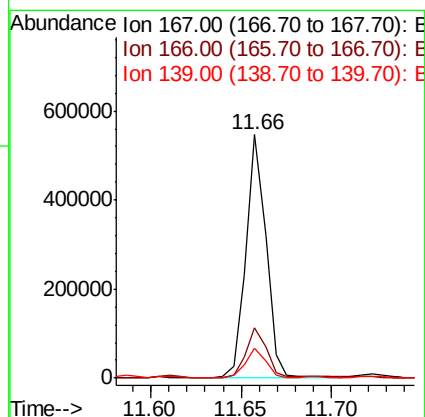
Tgt Ion:167 Resp: 419317

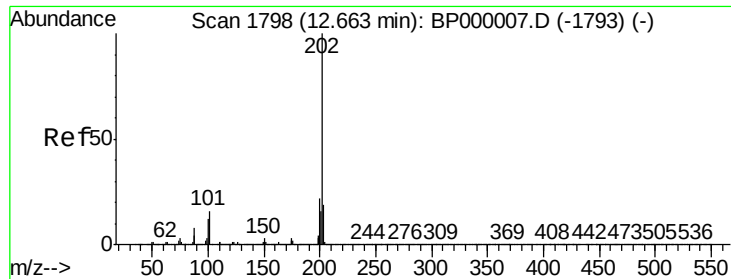
Ion Ratio Lower Upper

167 100

166 20.9 17.9 26.9

139 12.0 11.4 17.2





#75

Fluoranthene

Concen: 74.842 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

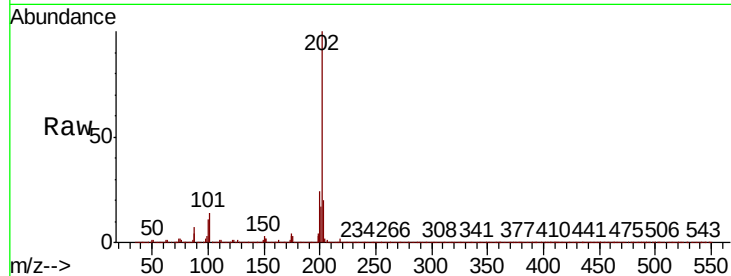
ClientSampleId :

SB-22-COMP

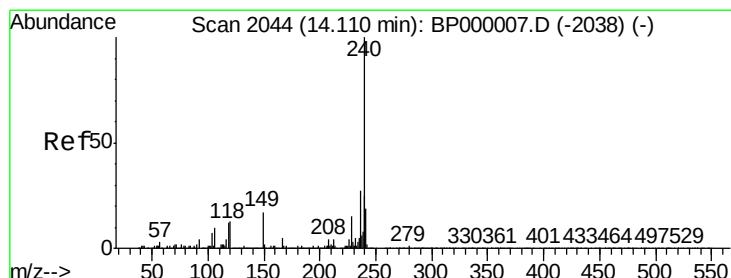
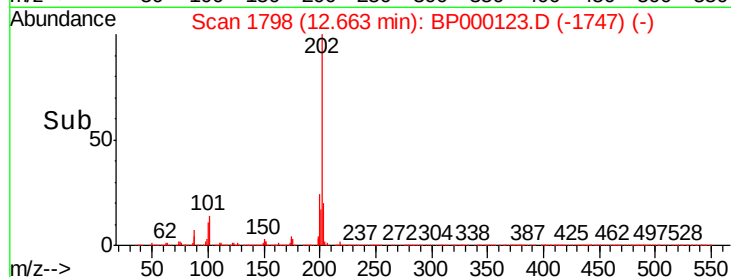
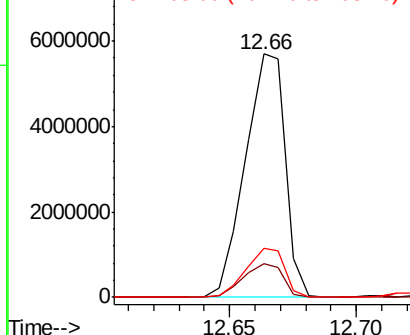
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 6235744 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 14.0  | 0.0   | 36.4    |
| 203      | 20.1  | 0.0   | 38.7    |

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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

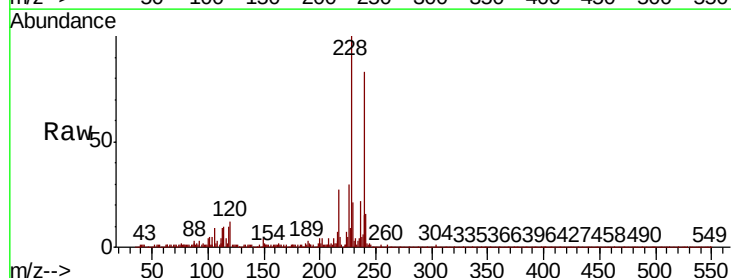
RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

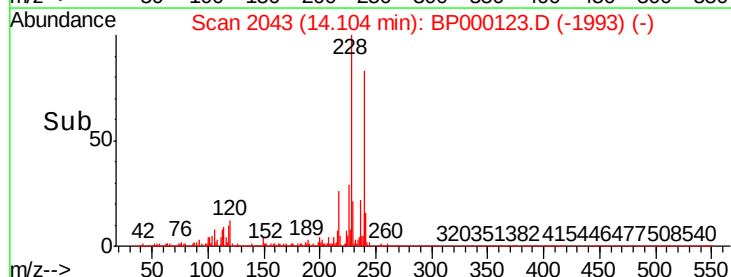
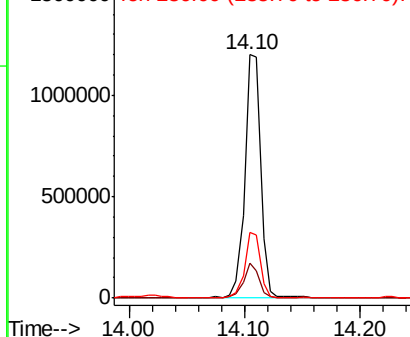
Lab File: BP000123.D

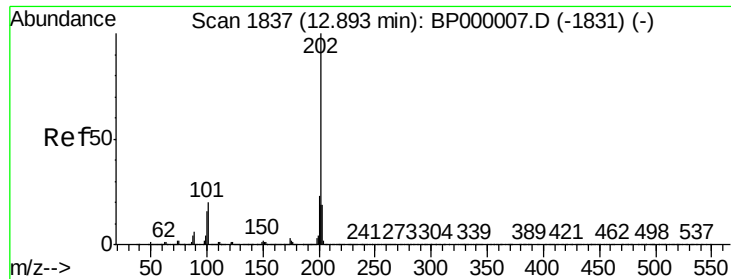
Acq: 09 Sep 2019 05:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1140857 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 14.3  | 10.5  | 15.7    |
| 236      | 26.7  | 21.5  | 32.3    |



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





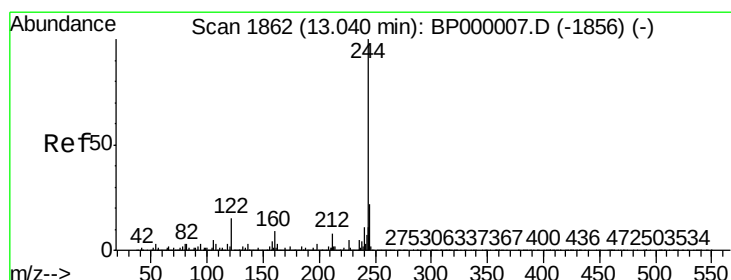
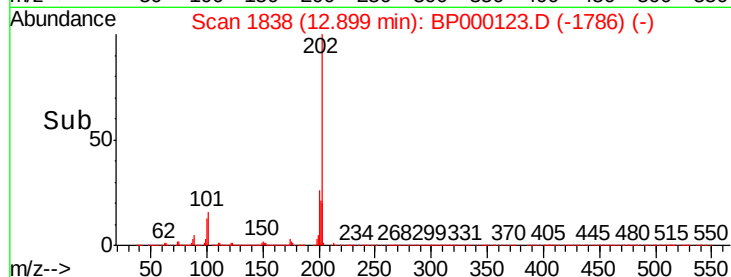
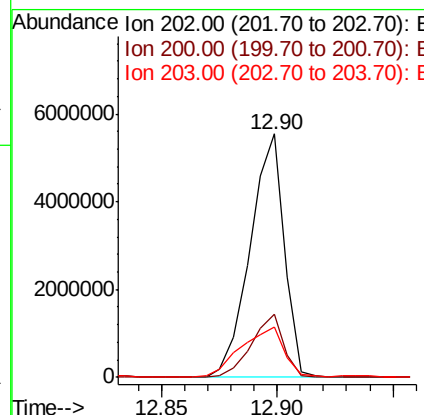
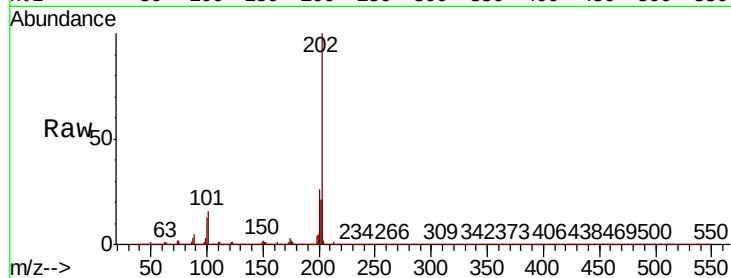
#78  
Pvrene  
Concen: 68.383 ng  
RT: 12.90 min Scan# 1838  
Delta R.T. 0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 25.8  | 18.5  | 27.7  |
| 203     | 20.9  | 15.1  | 22.7  |

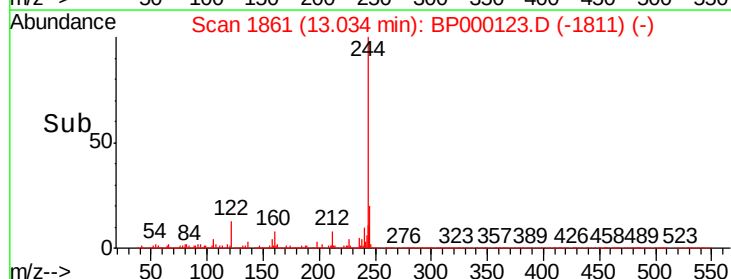
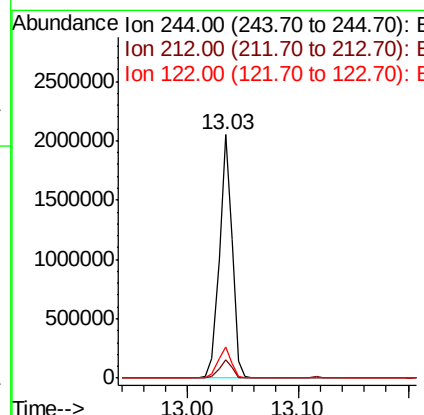
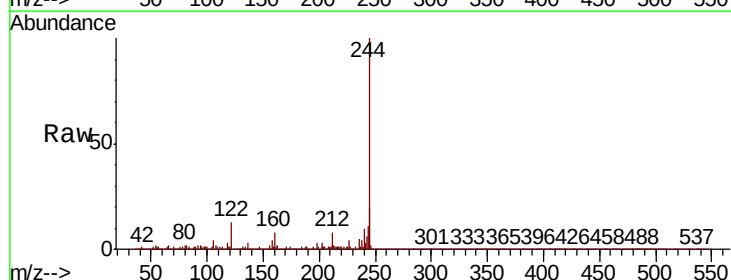
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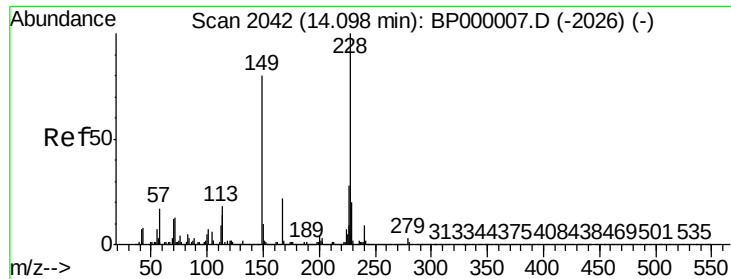
mohammad  
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#79  
Terphenyl-d14  
Concen: 30.754 ng  
RT: 13.03 min Scan# 1861  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 6.6   | 10.0  |
| 122     | 12.9  | 12.3  | 18.5  |





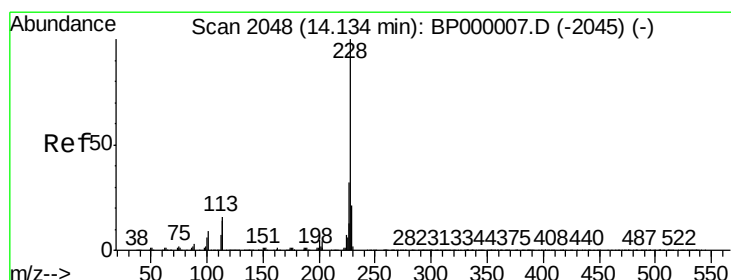
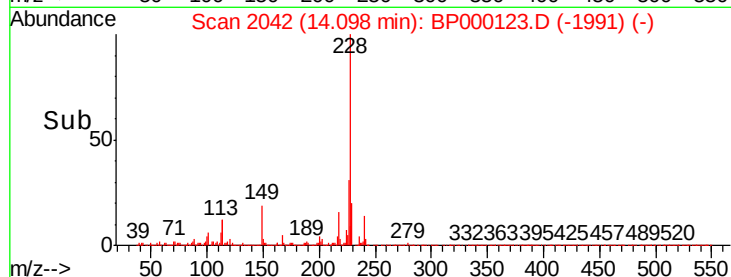
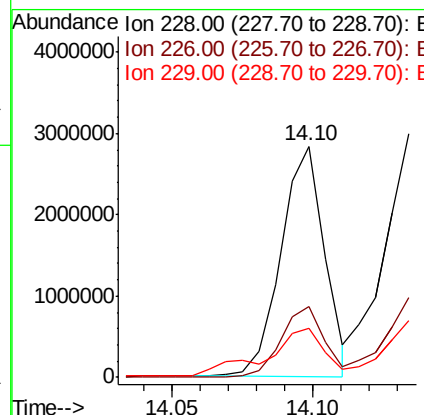
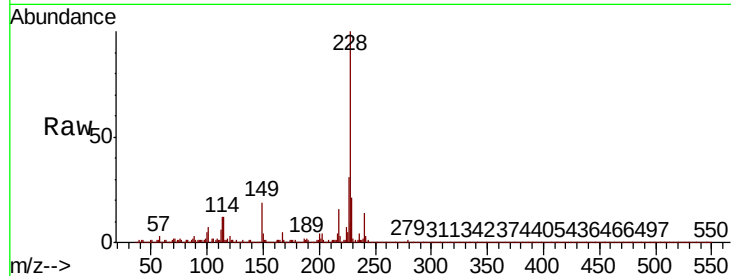
#81  
Benzo(a)anthracene  
Concen: 41.011 ng  
RT: 14.10 min Scan# 2042  
Delta R.T. 0.00 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 22.5  | 33.7  |
| 229     | 21.3  | 16.2  | 24.2  |

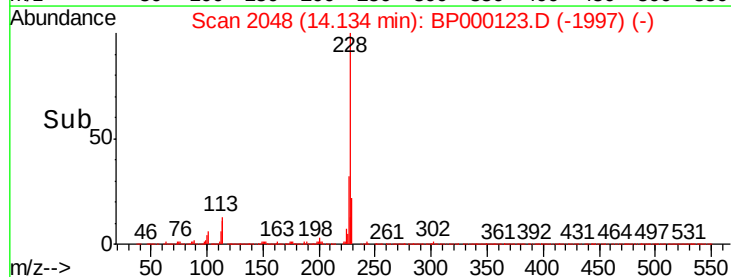
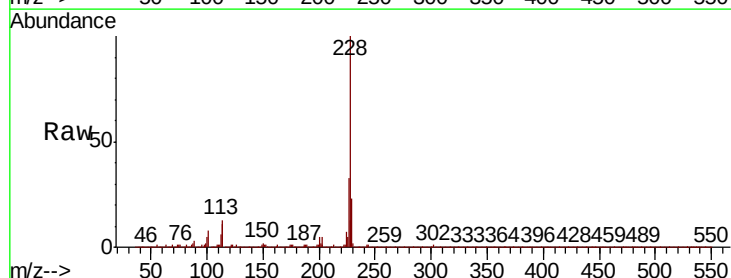
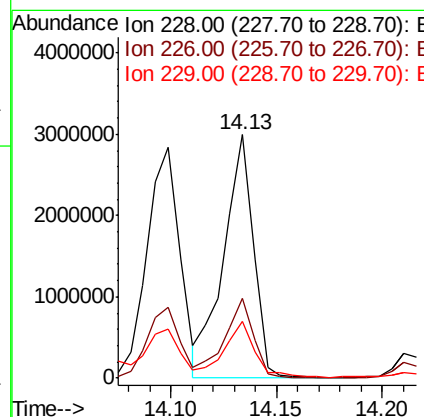
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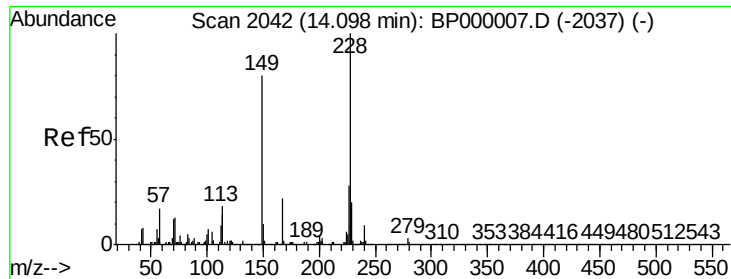
mohammad  
9/10/2019 2:51:33 PM



#83  
Chrysene  
Concen: 41.508 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. 0.00 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.7  | 25.5  | 38.3  |
| 229     | 23.3  | 16.5  | 24.7  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 32.876 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

ClientSampleId :

SB-22-COMP

Tot Ion:149 Resp: 1599899

Ion Ratio Lower Upper

149 100

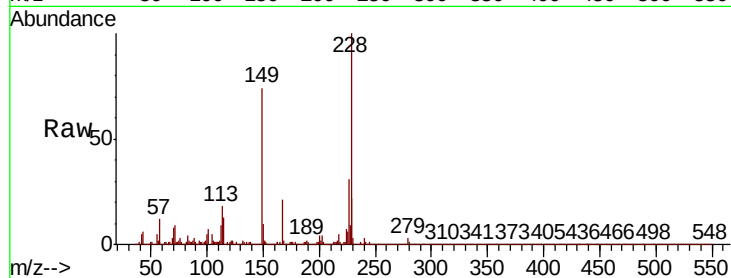
167 28.1 22.4 33.6

279 4.5 3.1 4.7

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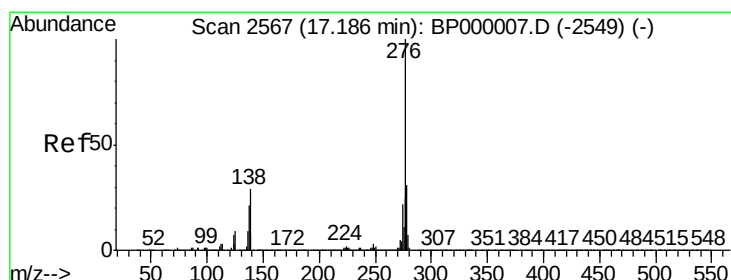
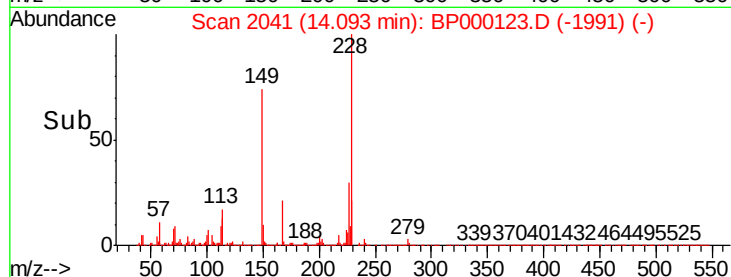
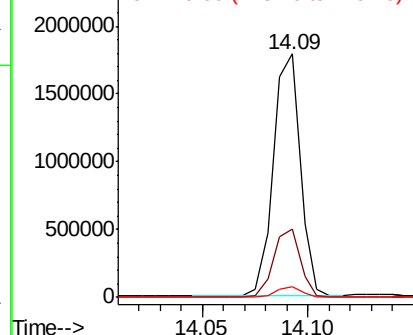


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.864 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

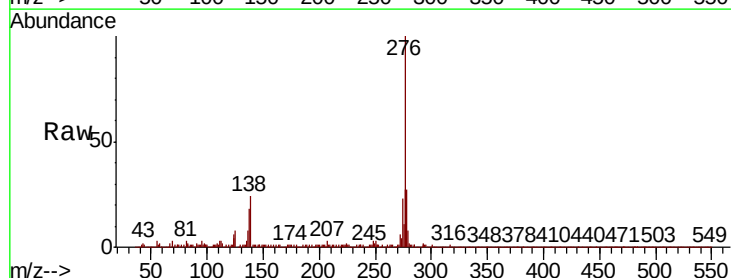
Tgt Ion:276 Resp: 1390000

Ion Ratio Lower Upper

276 100

138 27.3 26.5 39.7

277 24.7 20.3 30.5

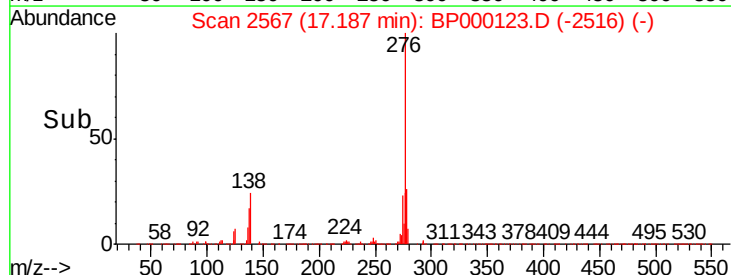
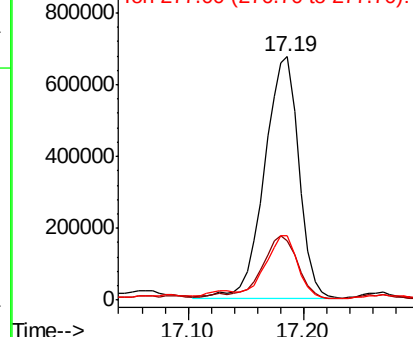


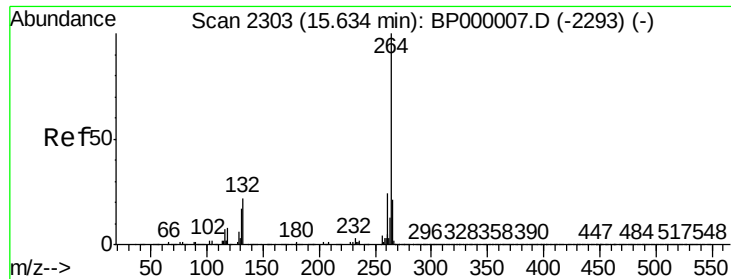
Abundance

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





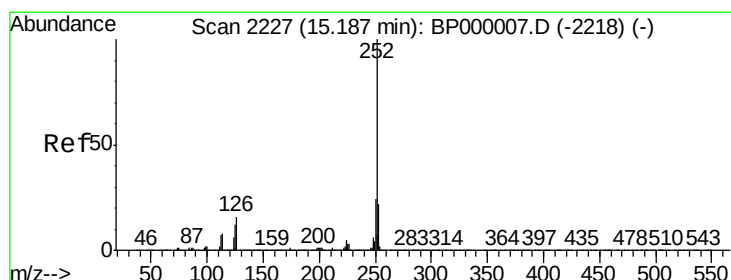
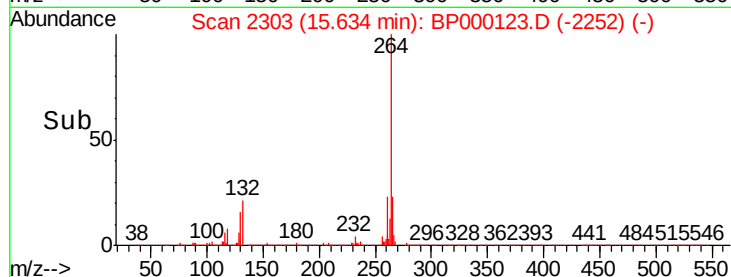
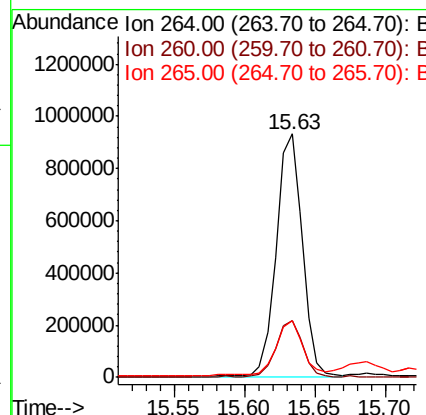
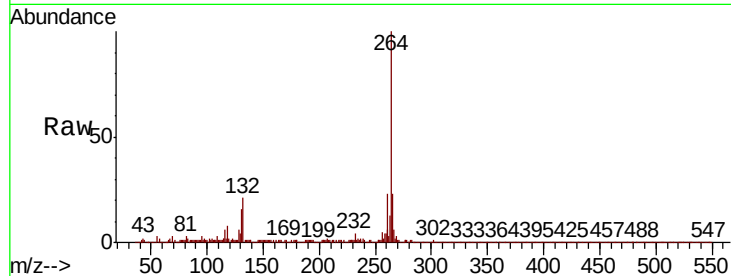
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampleId :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.1  | 28.7  |
| 265     | 23.2  | 17.1  | 25.7  |

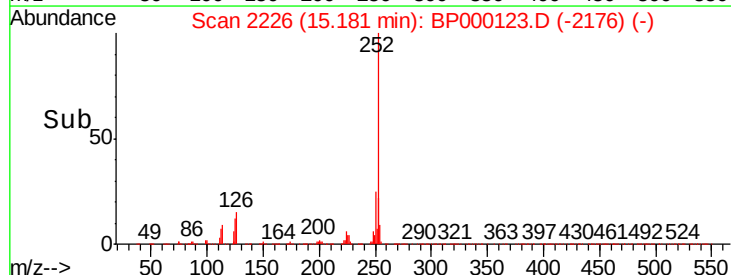
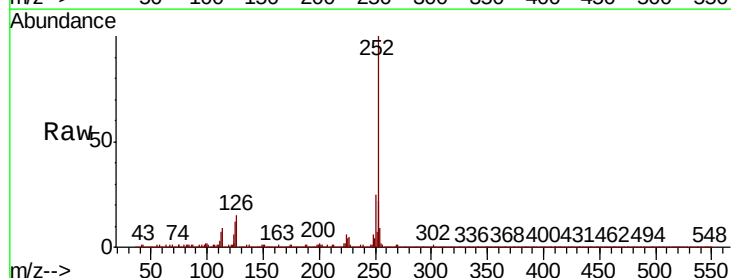
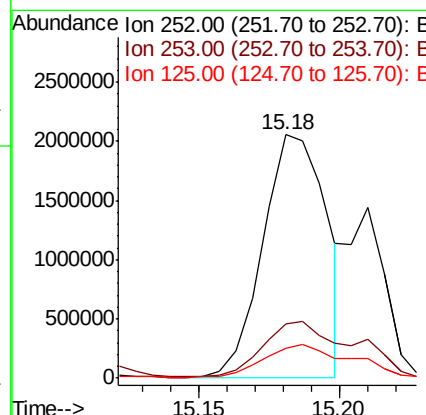
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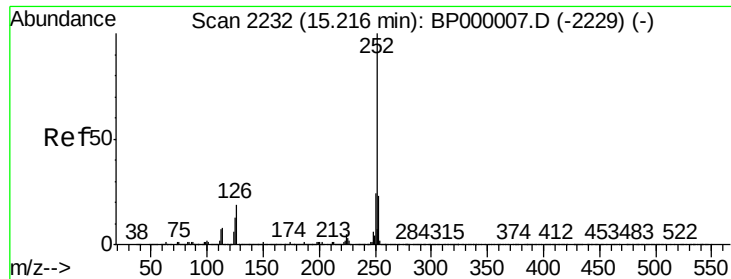


#88  
Benzo(b)fluoranthene  
Concen: 44.482 ng m  
RT: 15.18 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.6  |
| 125     | 12.1  | 9.4   | 14.2  |







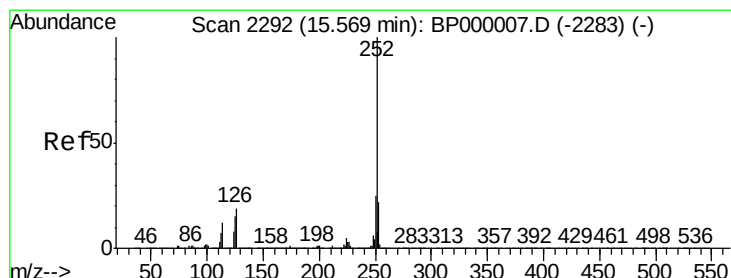
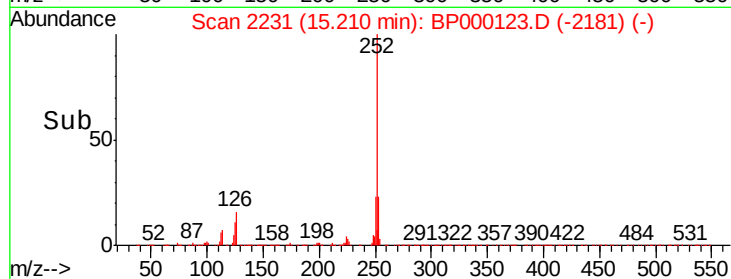
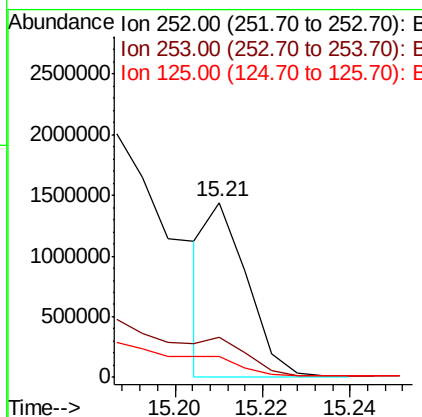
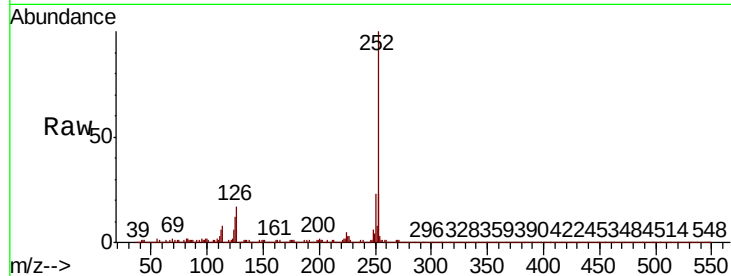
#89  
Benzo(k)fluoranthene  
Concen: 13.462 ng m  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

Instrument :  
BNA\_P  
ClientSampled :  
SB-22-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.0  | 27.0  |
| 125     | 11.7  | 10.3  | 15.5  |

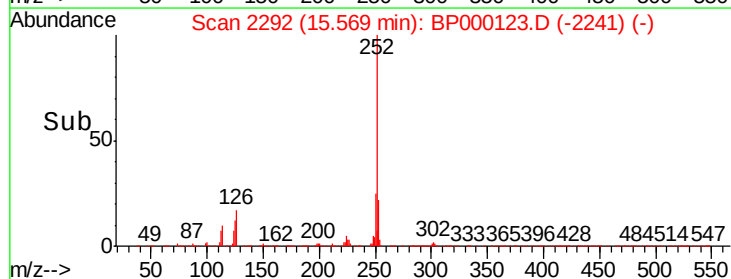
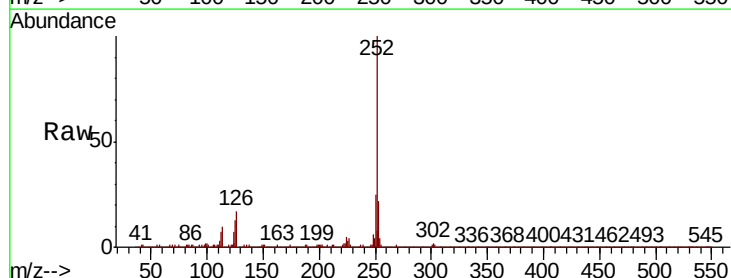
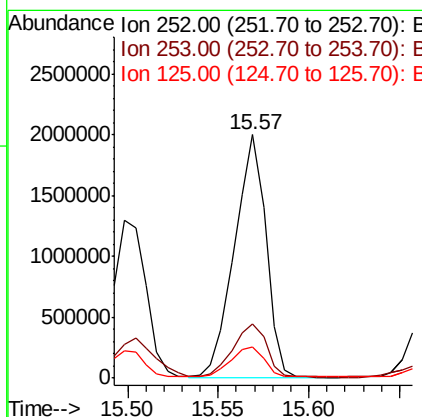
Manual Integrations  
APPROVED

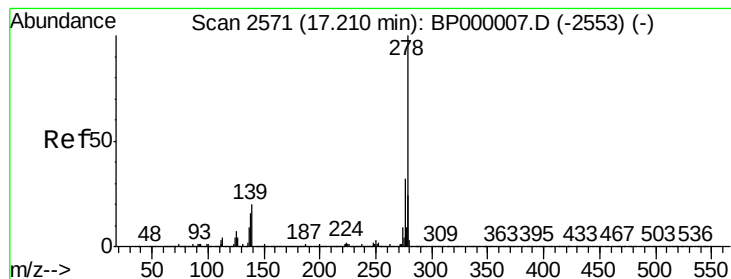
mohammad  
9/10/2019 2:51:33 PM



#90  
Benzo(a)pyrene  
Concen: 36.329 ng  
RT: 15.57 min Scan# 2292  
Delta R.T. 0.00 min  
Lab File: BP000123.D  
Acq: 09 Sep 2019 05:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.5  | 26.3  |
| 125     | 12.9  | 11.7  | 17.5  |





#91

Dibenzo(a,h)anthracene

Concen: 5.567 ng

RT: 17.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

Instrument :

BNA\_P

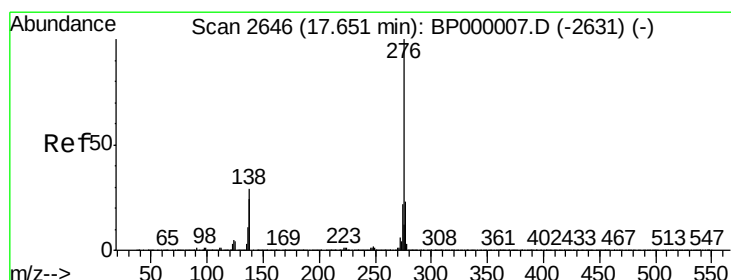
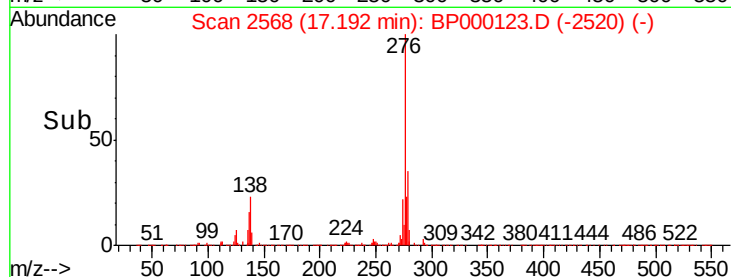
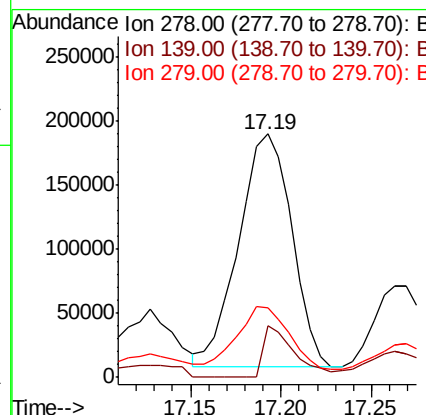
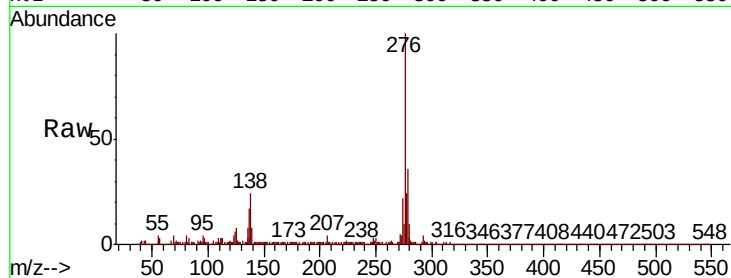
ClientSampleId :

SB-22-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 370055 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 21.4  | 16.4  | 24.6   |
| 279       | 28.6  | 19.2  | 28.8   |

Manual Integrations  
APPROVED

mohammad  
9/10/2019 2:51:33 PM



#92

Benzo(g,h,i)perylene

Concen: 19.513 ng

RT: 17.65 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BP000123.D

Acq: 09 Sep 2019 05:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1283861 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 24.3  | 18.6  | 28.0    |
| 138       | 26.2  | 23.0  | 34.4    |

