

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\  
 Data File : BF104702.D  
 Acq On : 23 Apr 2018 12:00  
 Operator : JU/SJ  
 Sample : J2152-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-042018

Manual Integrations  
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Sohil  
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Quant Time: Apr 23 15:58:56 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 23 15:38:25 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 110807   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 423856   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 168629   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 260713   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.99 | 240  | 217559   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.46 | 264  | 157232   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 681461   | 94.04  | ng    | 0.01     |
| 7) Phenol-d6                | 6.45  | 99   | 821310   | 92.24  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 482908   | 74.40  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 160522   | 91.77  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 811014   | 75.98  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.93 | 244  | 640273   | 67.10  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 37) 2-Methylnaphthalene     | 8.80  | 142  | 45644    | 3.343  | ng    | 94       |
| 49) Dimethylphthalate       | 9.56  | 163  | 55933    | 4.206  | ng    | 100      |
| 51) Acenaphthene            | 9.88  | 154  | 33860    | 3.161  | ng    | 96       |
| 57) Fluorene                | 10.39 | 166  | 71175    | 6.551  | ng    | 99       |
| 70) Phenanthrene            | 11.36 | 178  | 419050   | 28.862 | ng    | 99       |
| 71) Anthracene              | 11.41 | 178  | 114600   | 7.765  | ng    | 97       |
| 73) Di-n-butylphthalate     | 11.89 | 149  | 60379    | 3.427  | ng    | 98       |
| 74) Fluoranthene            | 12.56 | 202  | 354774   | 23.387 | ng    | 98       |
| 77) Pyrene                  | 12.79 | 202  | 462952   | 28.708 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.97 | 228  | 192863   | 14.839 | ng    | 96       |
| 82) Chrysene                | 14.01 | 228  | 191553   | 14.348 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.92 | 276  | 55530    | 4.897  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 158480m  | 15.959 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.06 | 252  | 38575m   | 4.115  | ng    |          |
| 89) Benzo(a)pyrene          | 15.39 | 252  | 117586   | 13.234 | ng    | # 93     |
| 90) Dibenzo(a,h)anthracene  | 16.93 | 278  | 16931    | 2.320  | ng    | # 64     |
| 91) Benzo(a,h,i)perylene    | 17.36 | 276  | 60102    | 8.501  | ng    | # 94     |

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

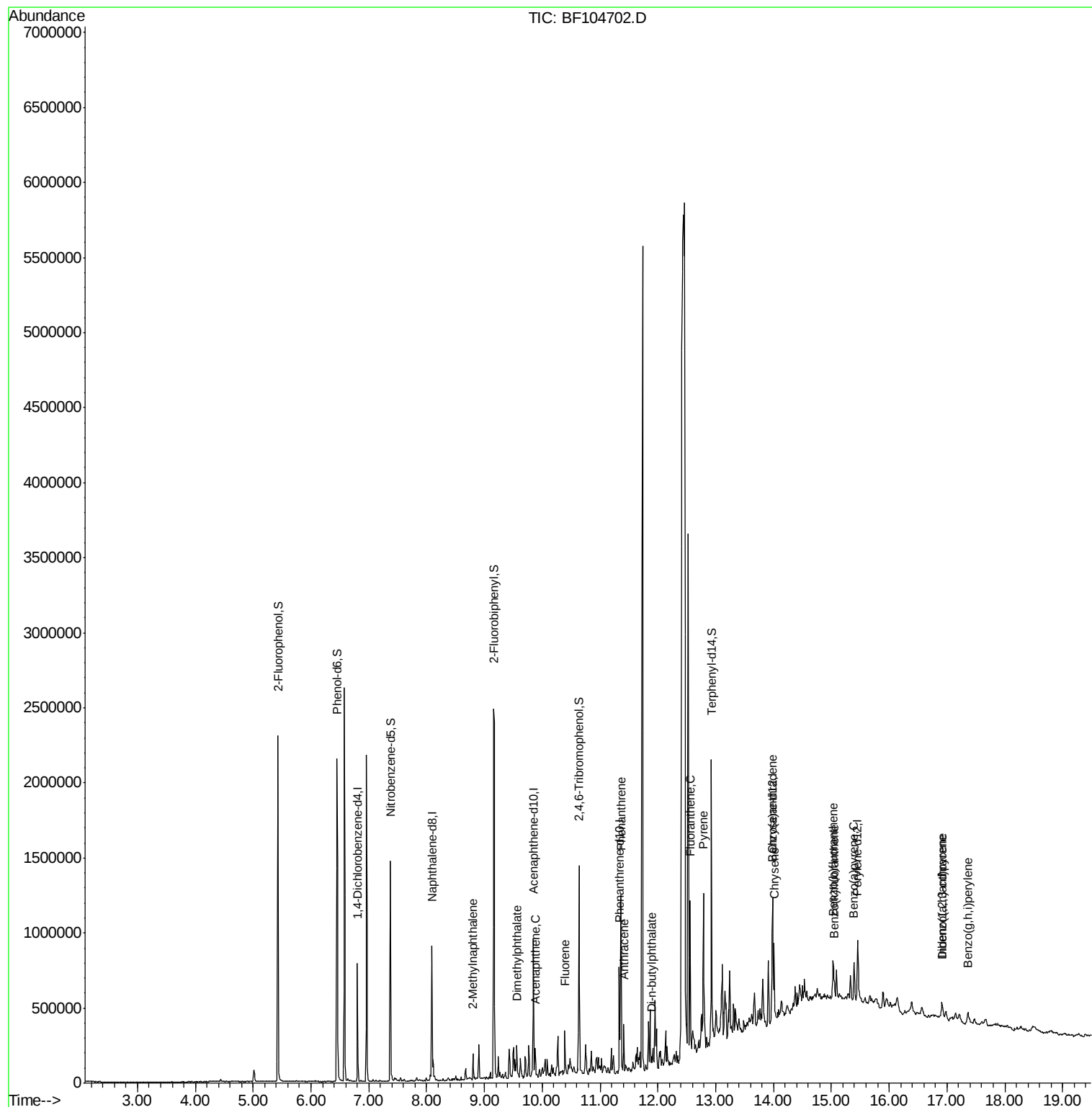
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\  
Data File : BF104702.D  
Acq On : 23 Apr 2018 12:00  
Operator : JU/SJ  
Sample : J2152-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

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Quant Time: Apr 23 15:58:56 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 23 15:38:25 2018  
Response via : Initial Calibration





#1

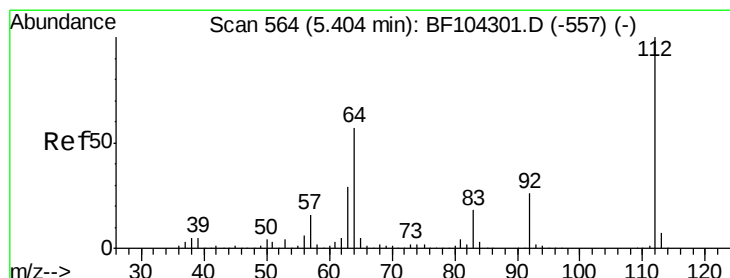
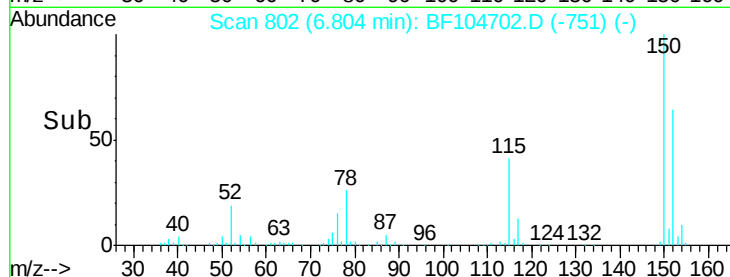
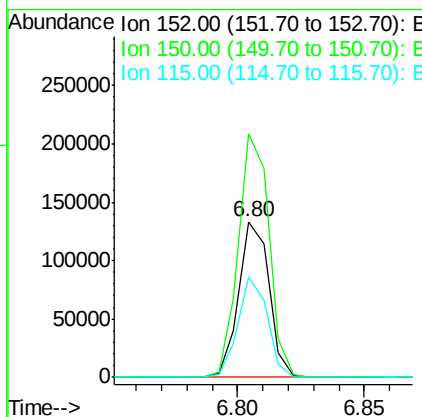
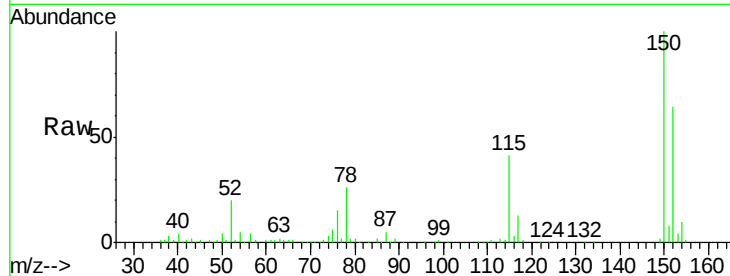
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.80 min Scan# 802  
 Delta R.T. -0.00 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 124.6 | 186.8 |
| 115     | 64.8  | 50.1  | 75.1  |

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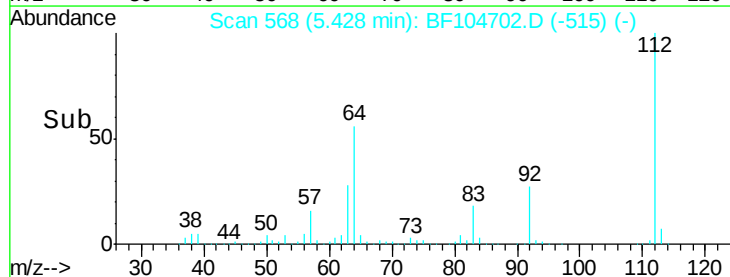
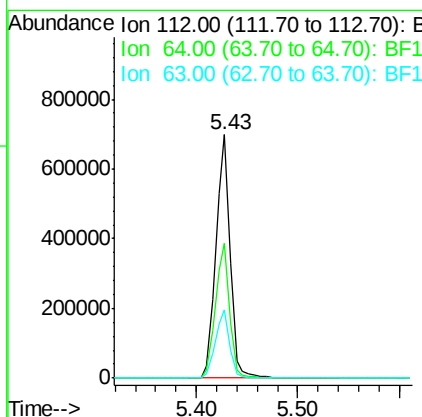
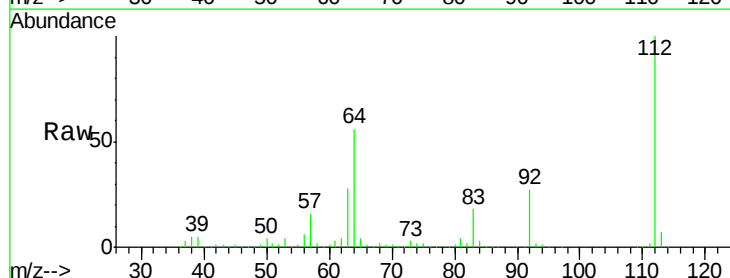
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#5

2-Fluorophenol  
 Concen: 94.037 ng  
 RT: 5.43 min Scan# 568  
 Delta R.T. 0.01 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.6  | 47.9  | 71.9  |
| 63      | 28.1  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 92.241 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

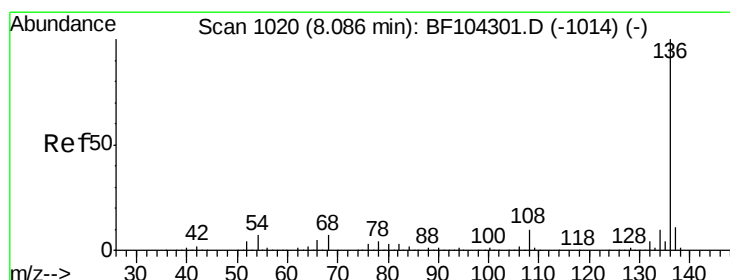
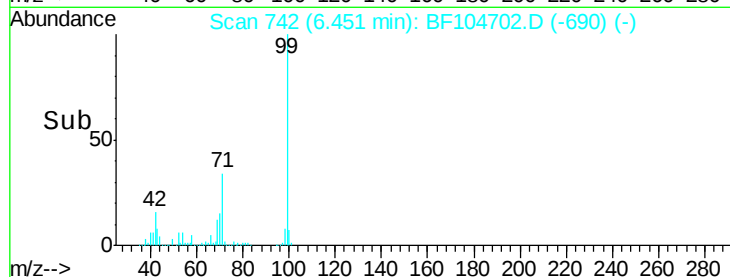
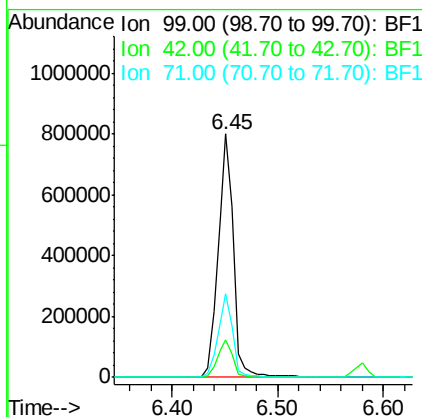
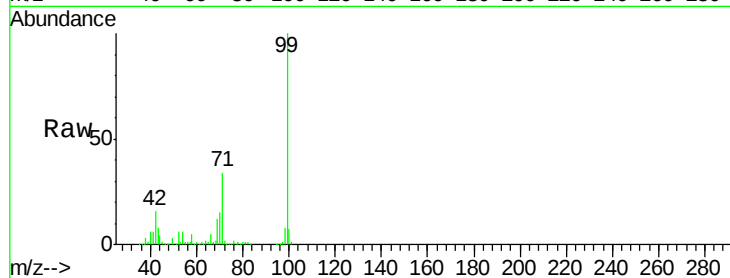
ClientSampled :

BU-03-042018

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 821310 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.7  | 14.5  | 21.7   |
| 71       | 34.2  | 25.4  | 38.0   |

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#21

Naphthalene-d8

Concen: 20.000 ng

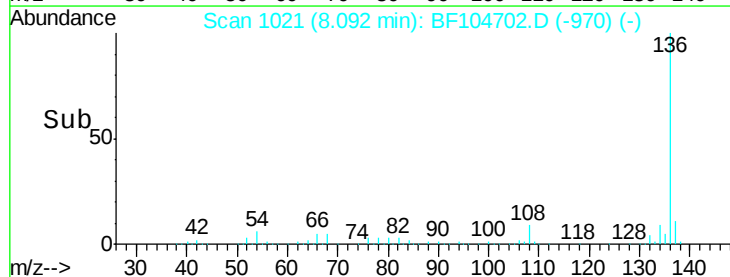
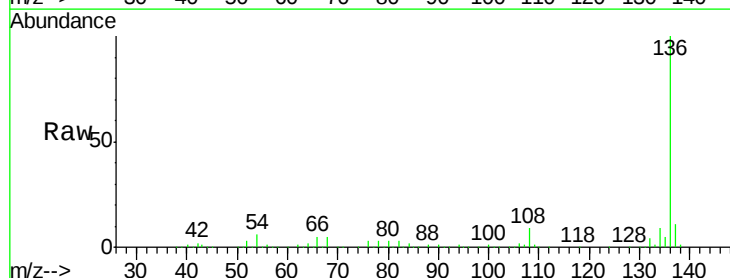
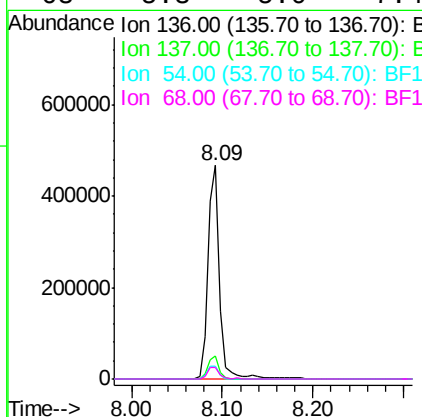
RT: 8.09 min Scan# 1021

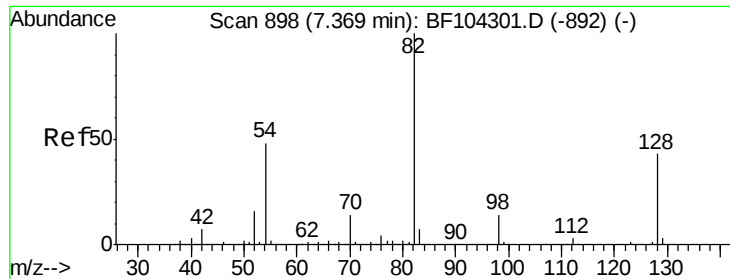
Delta R.T. -0.00 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 423856 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.9   | 13.3   |
| 54       | 6.2   | 6.6   | 9.8#   |
| 68       | 5.3   | 5.0   | 7.4    |





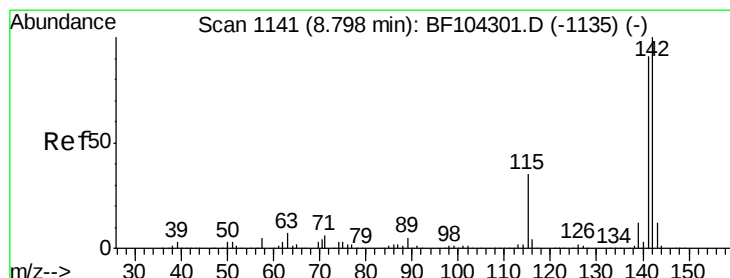
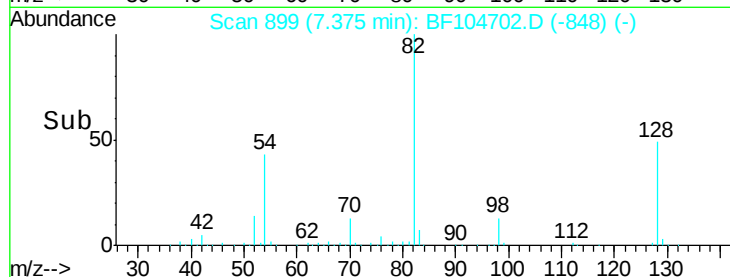
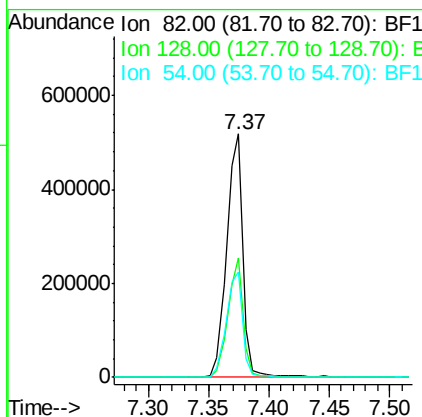
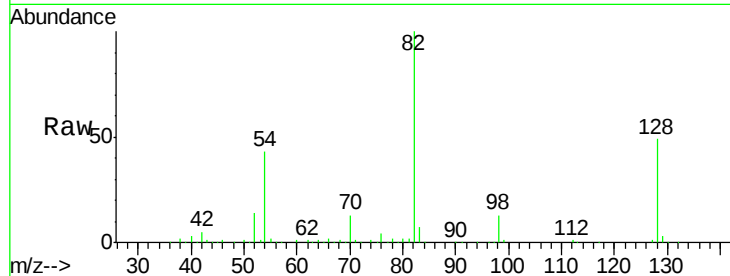
#23  
 Nitrobenzene-d5  
 Concen: 74.395 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-042018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 482908 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.9  | 36.1  | 54.1   |
| 54        | 43.3  | 41.4  | 62.2   |

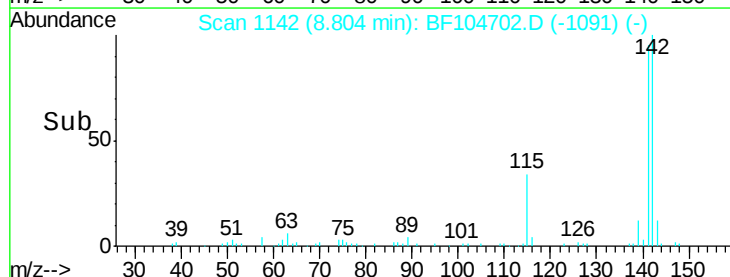
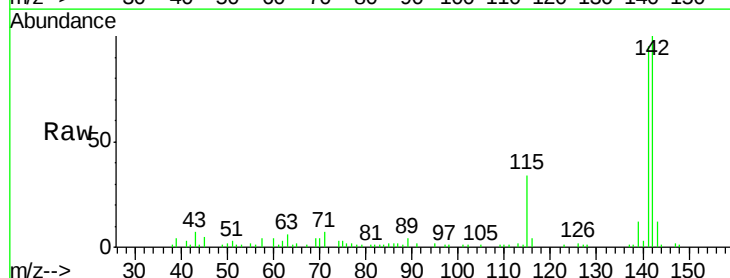
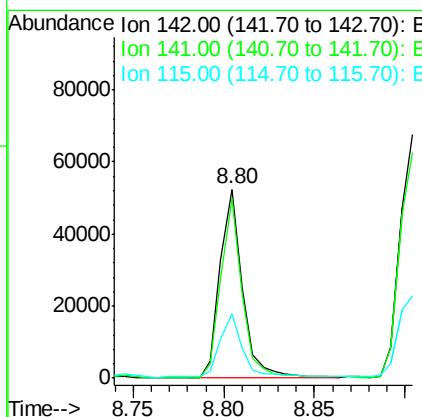
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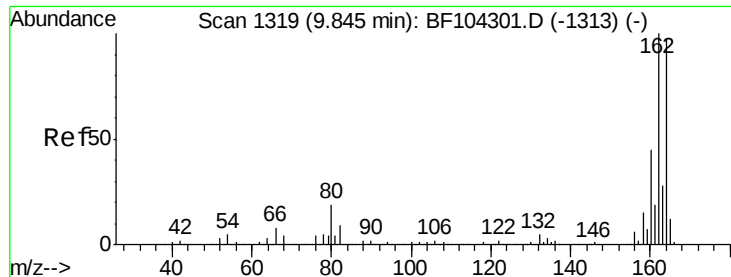
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#37  
 2-Methylnaphthalene  
 Concen: 3.343 ng  
 RT: 8.80 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 45644 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 94.9  | 70.8  | 106.2 |
| 115       | 33.8  | 26.1  | 39.1  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

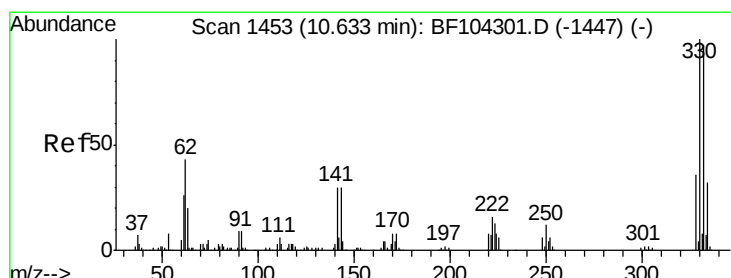
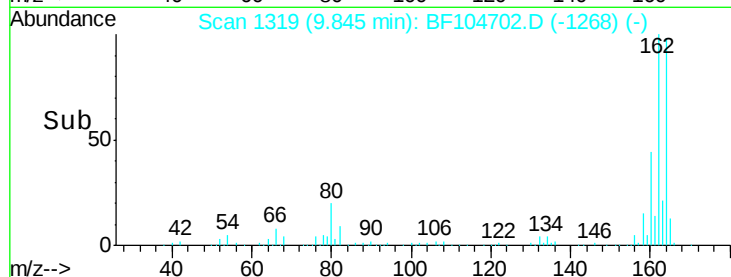
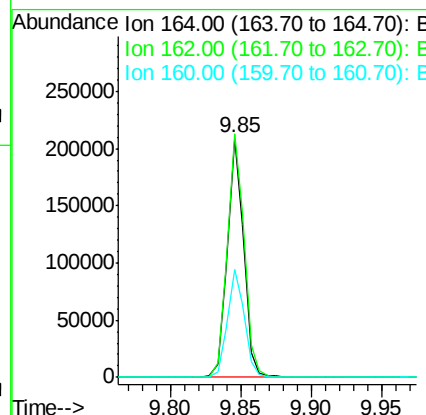
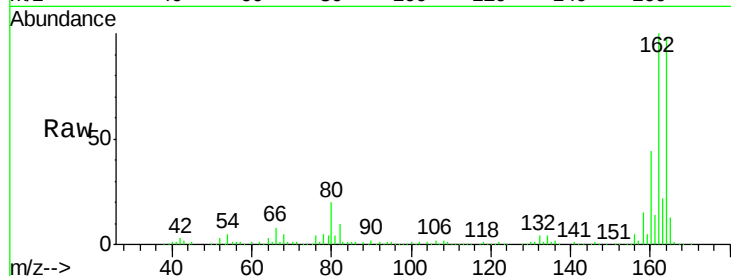
ClientSampleId :

BU-03-042018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 168629 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.1 | 86.1  | 129.1  |
| 160       | 45.1  | 38.3  | 57.5   |

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#41

2,4,6-Tribromophenol

Concen: 91.767 ng

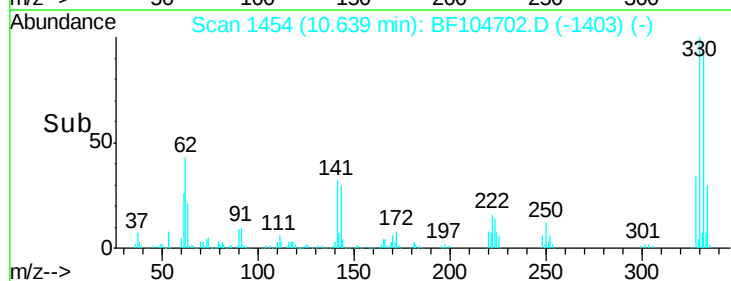
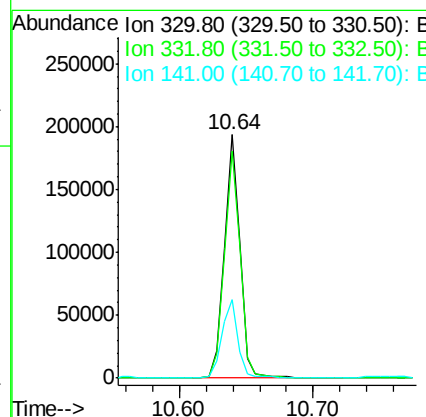
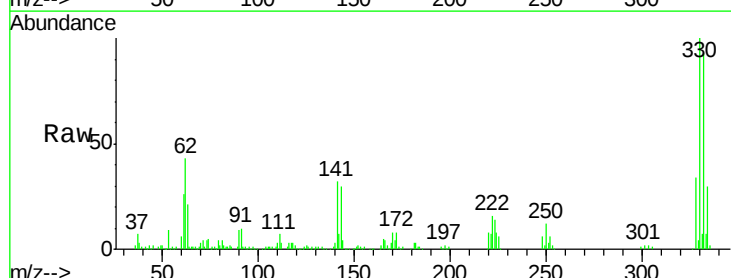
RT: 10.64 min Scan# 1454

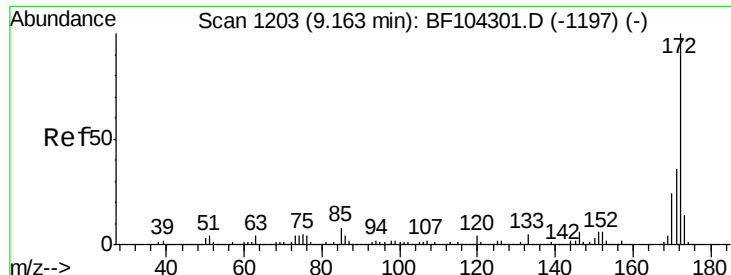
Delta R.T. -0.00 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 160522 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 77.0  | 115.6  |
| 141       | 32.4  | 29.9  | 44.9   |





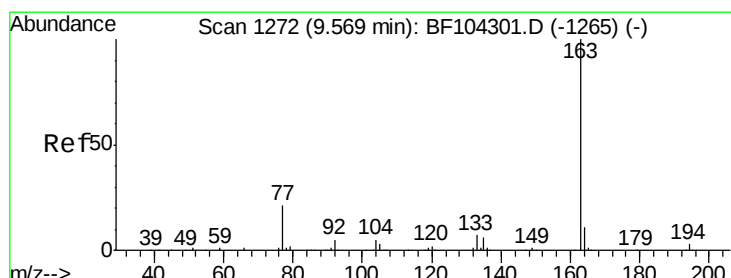
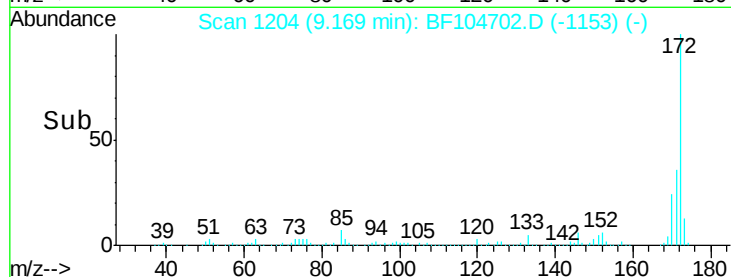
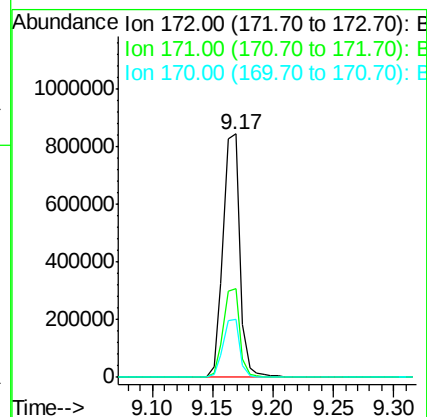
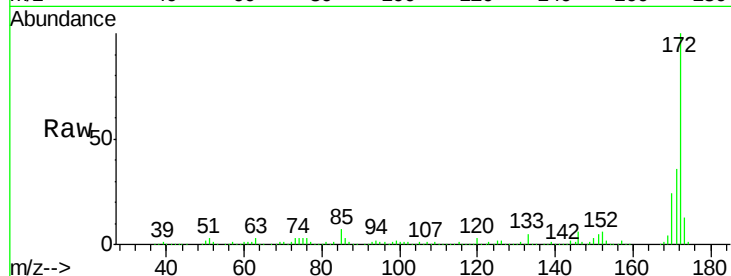
#44  
2-Fluorobiphenyl  
Concen: 75.977 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.7  | 44.5  |
| 170     | 23.8  | 19.6  | 29.4  |

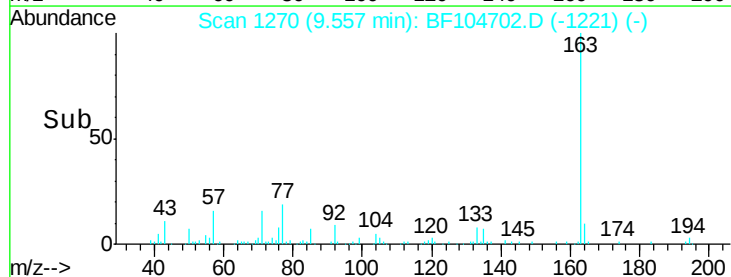
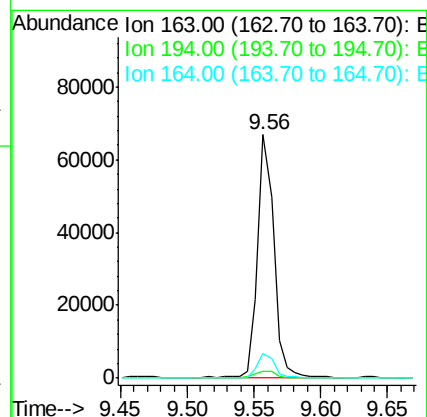
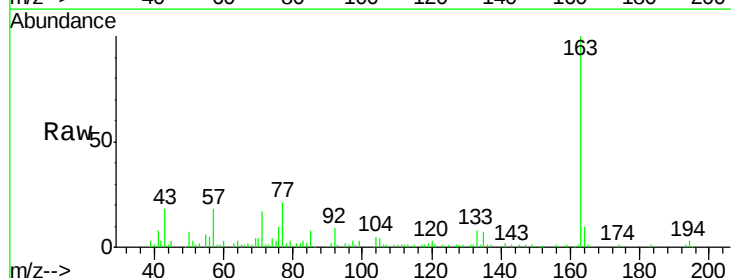
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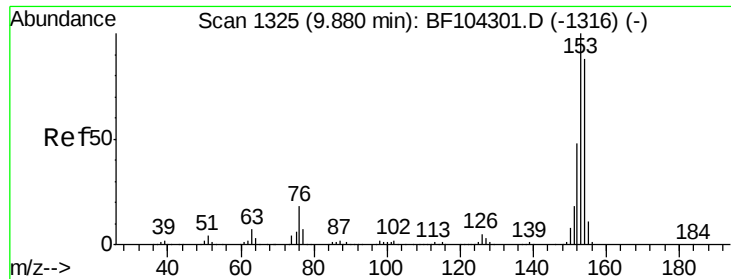
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4/24/2018 3:48:26 PM



#49  
Dimethylphthalate  
Concen: 4.206 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.0   | 2.7   | 4.1   |
| 164     | 10.2  | 8.2   | 12.2  |





#51

Acenaphthene

Concen: 3.161 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

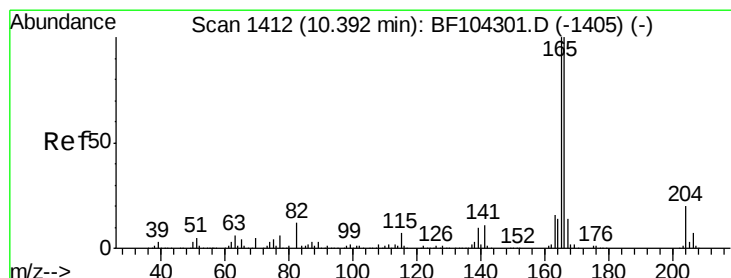
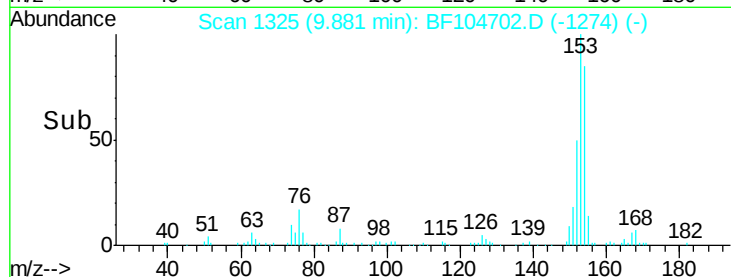
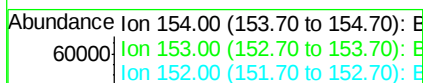
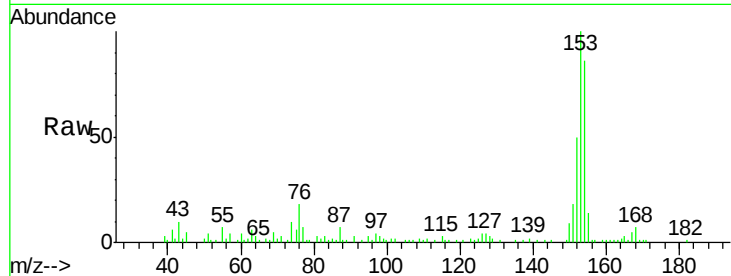
ClientSampleId :

BU-03-042018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 33860 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 116.8 | 91.2  | 136.8 |
| 152       | 58.9  | 43.8  | 65.8  |

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#57

Fluorene

Concen: 6.551 ng

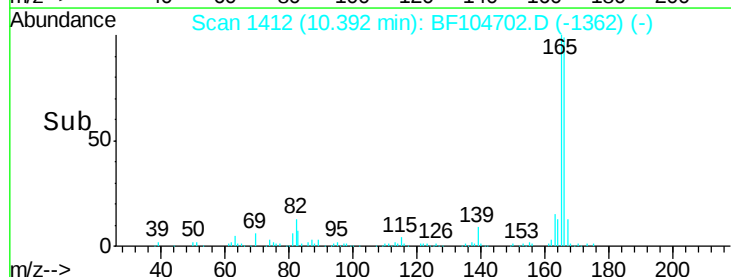
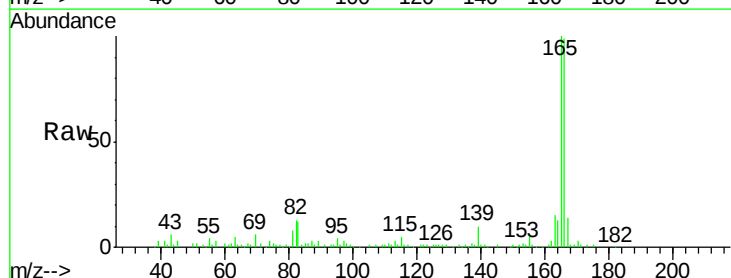
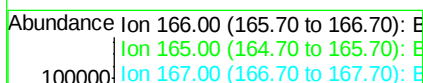
RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 71175 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 100.8 | 79.8  | 119.8 |
| 167       | 13.8  | 10.6  | 16.0  |





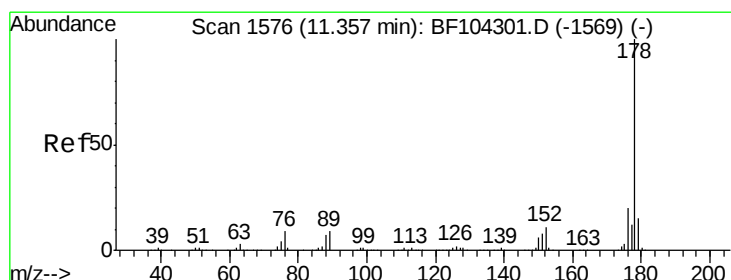
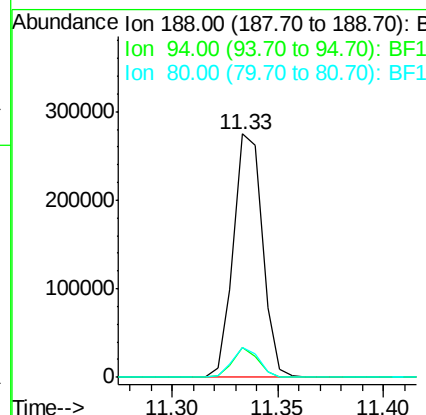
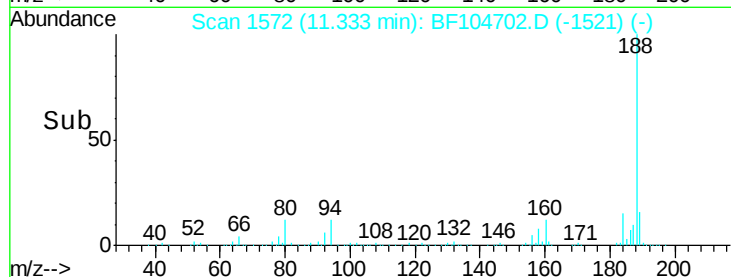
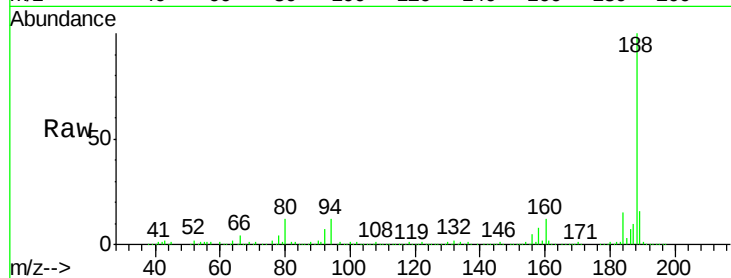
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 260713 |       |       |
| 94      | 12.0  |        | 8.5   | 12.7  |
| 80      | 12.3  |        | 9.2   | 13.8  |

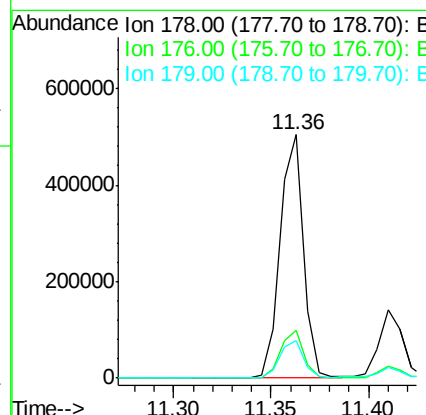
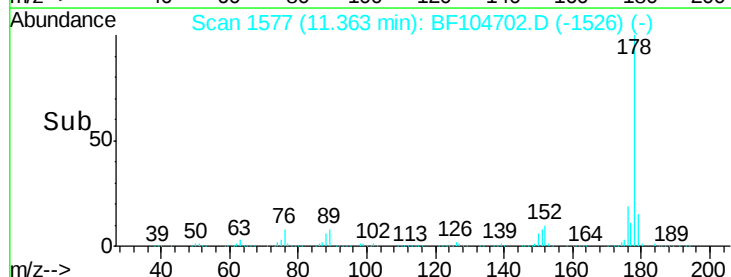
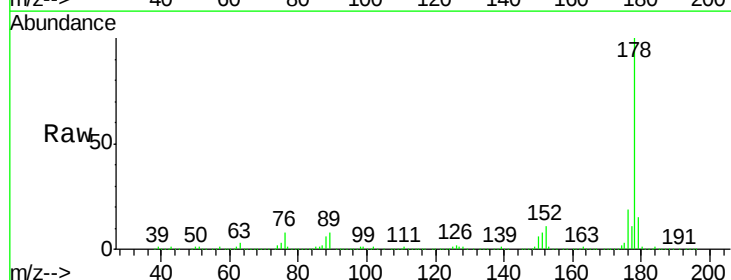
Manual Integrations  
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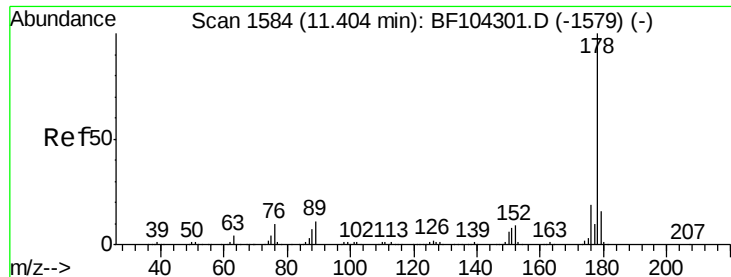
Sohil  
4/24/2018 3:48:26 PM



#70  
Phenanthrene  
Concen: 28.862 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 419050 |       |       |
| 176     | 19.5  |        | 15.8  | 23.8  |
| 179     | 15.2  |        | 13.0  | 19.6  |





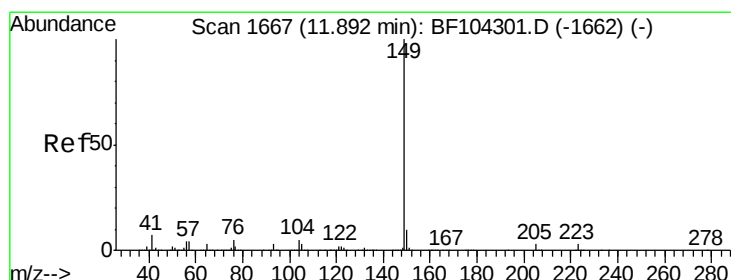
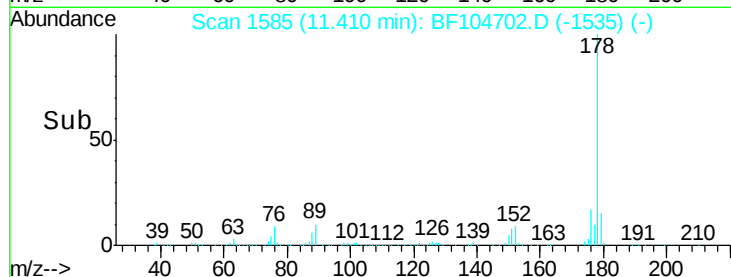
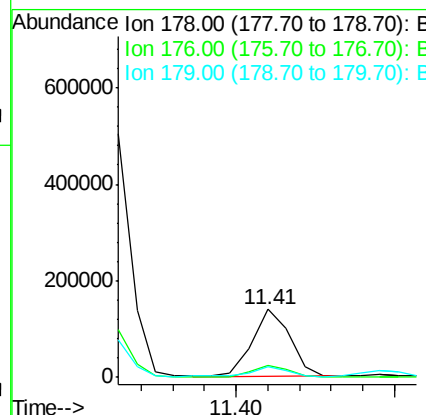
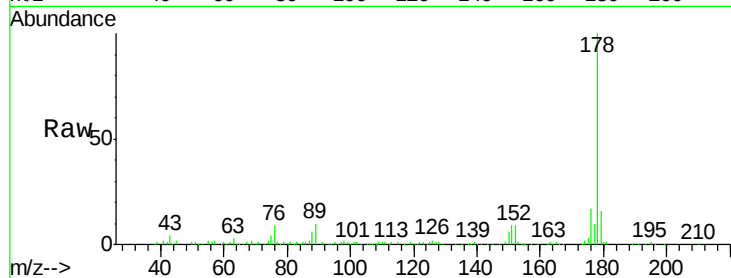
#71  
 Anthracene  
 Concen: 7.765 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.4  | 15.4  | 23.2  |
| 179     | 15.5  | 12.6  | 19.0  |

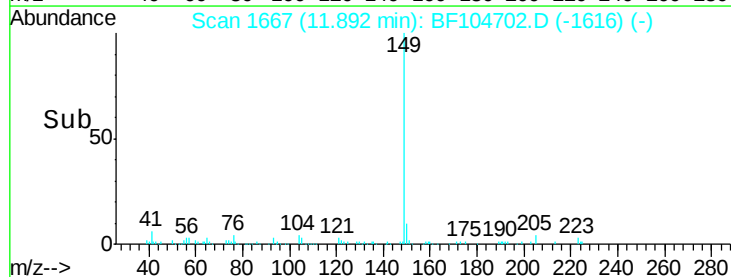
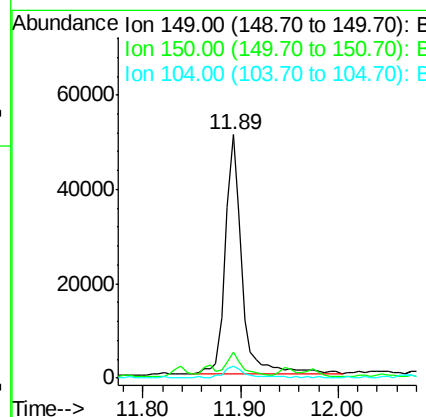
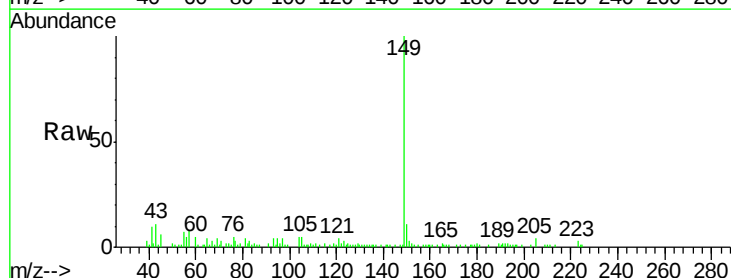
Manual Integrations  
 APPROVED

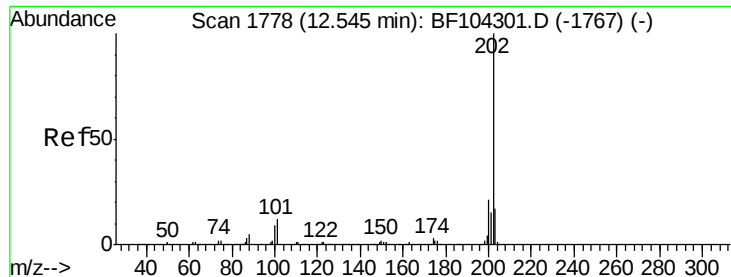
Sohil  
 4/24/2018 3:48:26 PM



#73  
 Di-n-butylphthalate  
 Concen: 3.427 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.00 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.8  | 7.8   | 11.6  |
| 104     | 4.8   | 3.8   | 5.8   |





#74

Fluoranthene

Concen: 23.387 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

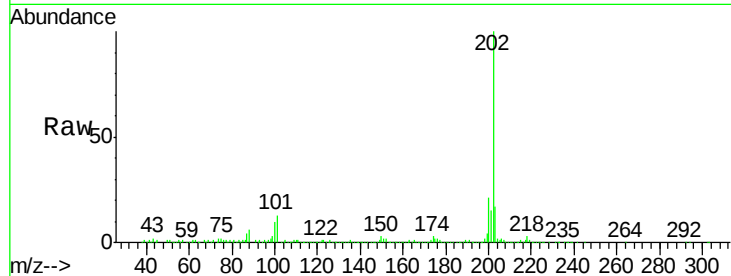
ClientSampleId :

BU-03-042018

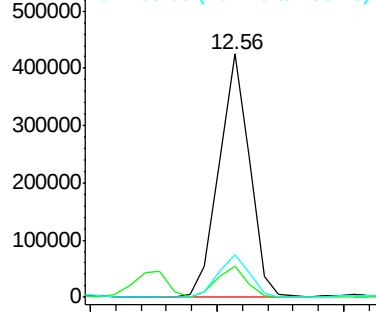
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 354774 |       |       |
| 101     | 12.8 | 0.0   | 34.1   |       |       |
| 203     | 17.3 | 0.0   | 38.1   |       |       |

Manual Integrations  
APPROVED

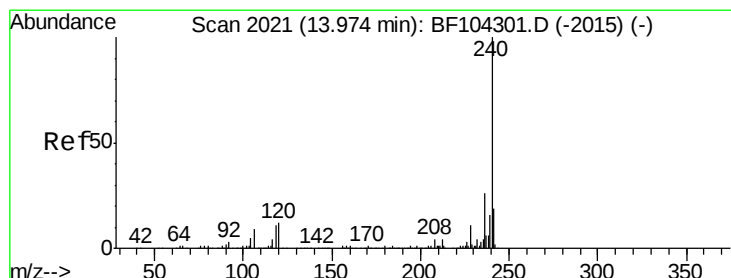
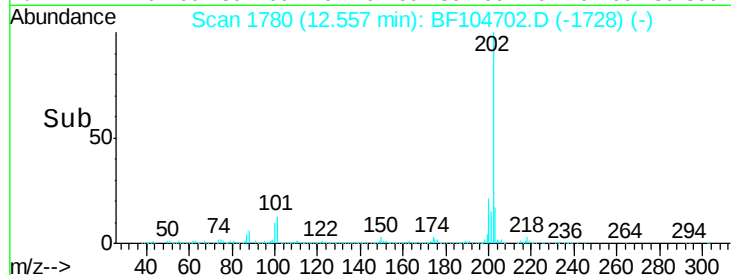
Sohil  
4/24/2018 3:48:26 PM



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



Time--> 12.50 12.55 12.60



#75

Chrysene-d12

Concen: 20.000 ng

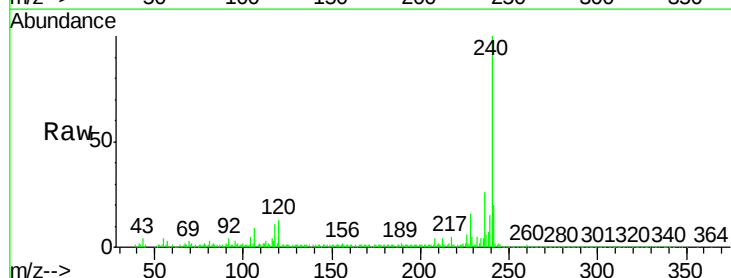
RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

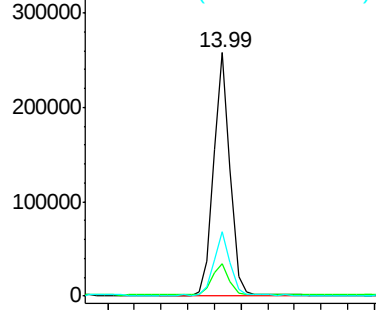
Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

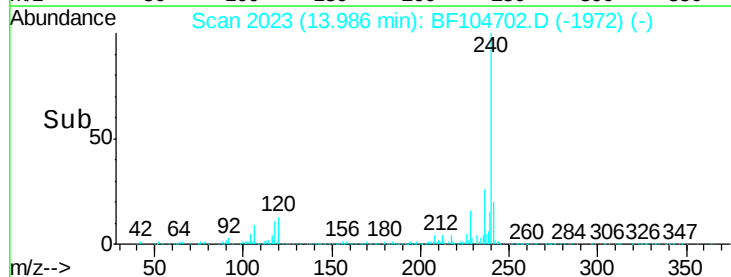
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 240     | 100  |       | 217559 |       |       |
| 120     | 13.3 | 9.5   | 14.3   |       |       |
| 236     | 26.2 | 20.7  | 31.1   |       |       |

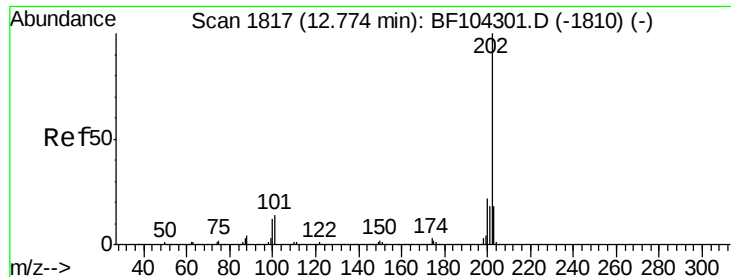


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00





#77

Pvrene

Concen: 28.708 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

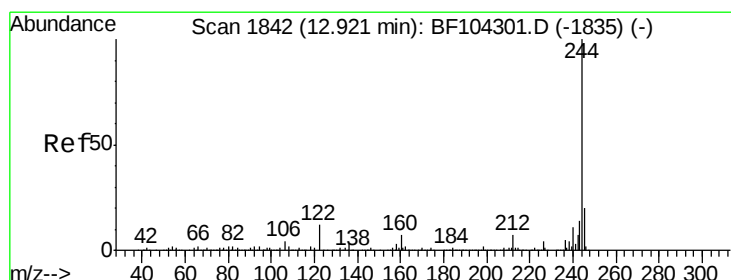
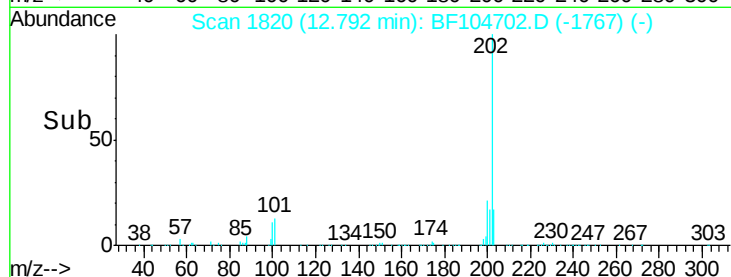
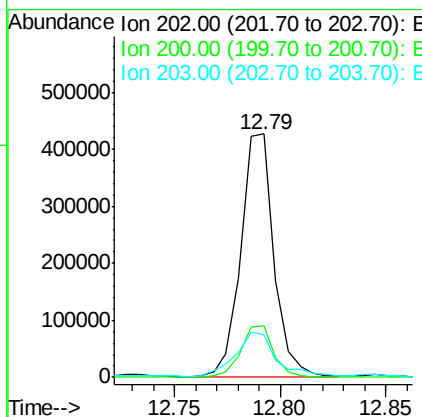
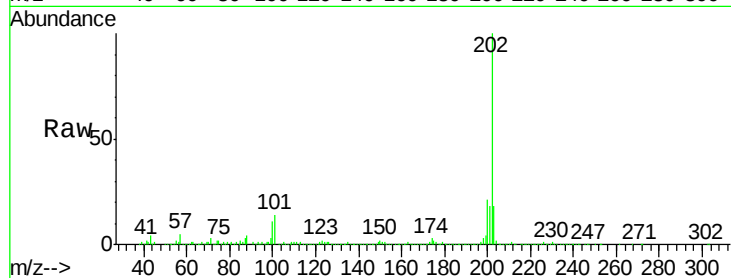
ClientSampleId :

BU-03-042018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 462952 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.4  | 26.2   |
| 203       | 17.7  | 14.3  | 21.5   |

Manual Integrations  
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Sohil  
4/24/2018 3:48:26 PM



#78

Terphenyl-d14

Concen: 67.095 ng

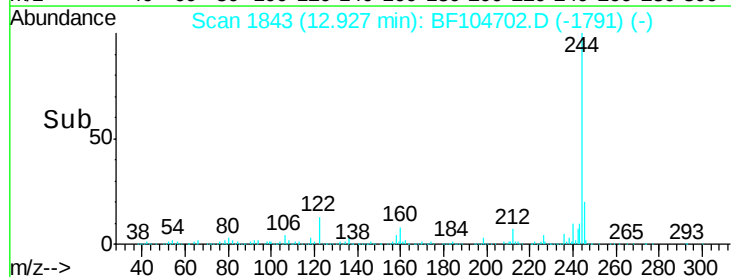
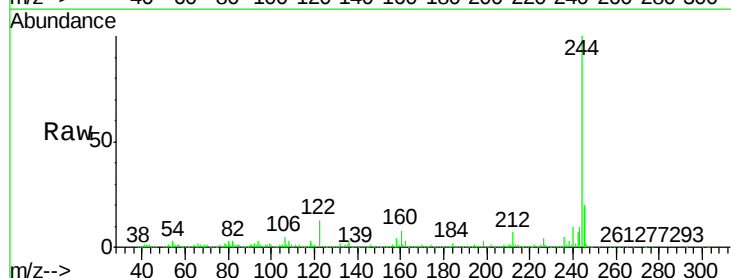
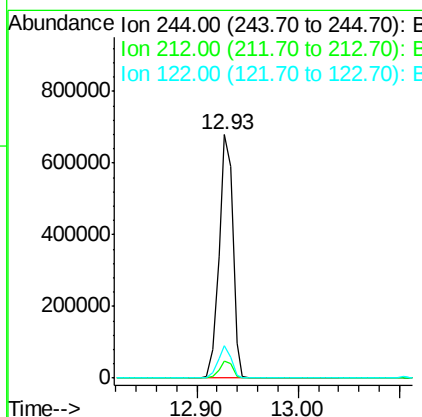
RT: 12.93 min Scan# 1843

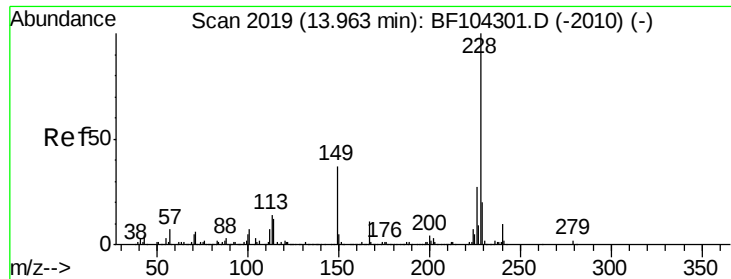
Delta R.T. 0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 640273 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 5.4   | 8.0    |
| 122       | 13.2  | 11.0  | 16.4   |





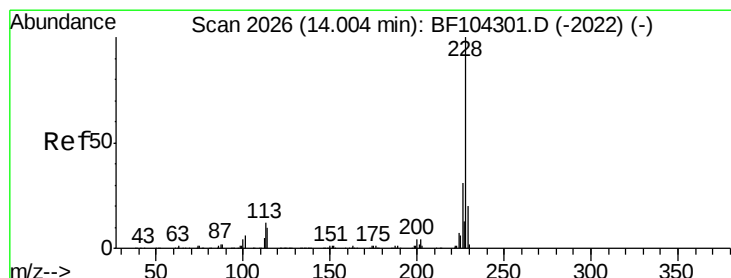
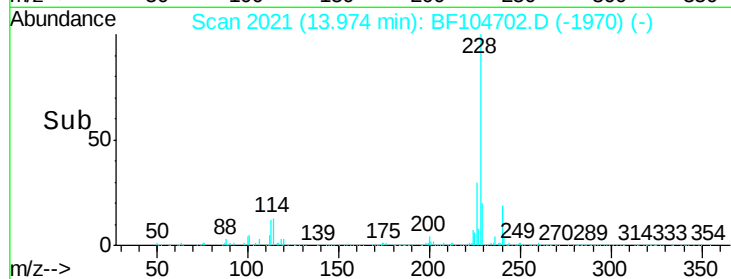
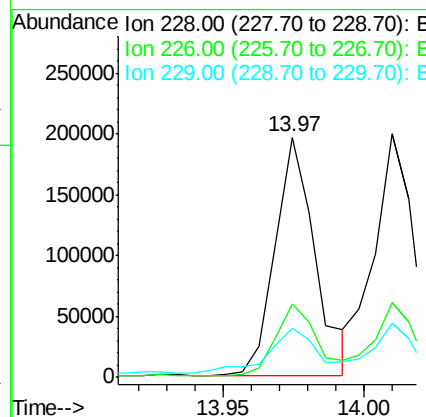
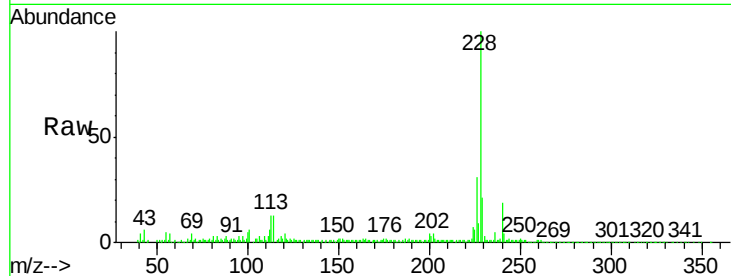
#80  
Benzo(a)anthracene  
Concen: 14.839 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.7  | 22.6  | 33.8  |
| 229     | 20.6  | 15.8  | 23.6  |

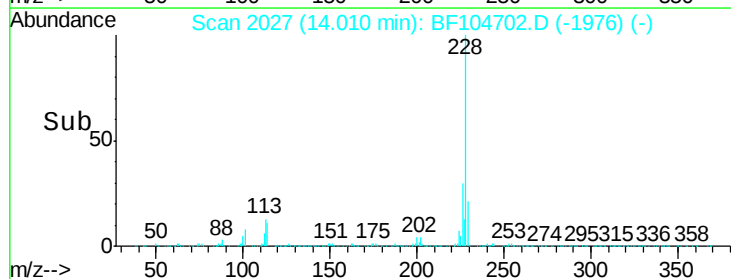
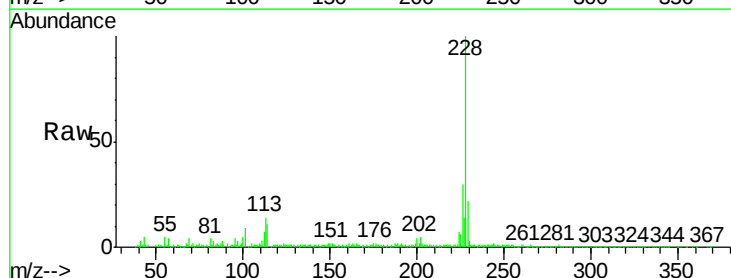
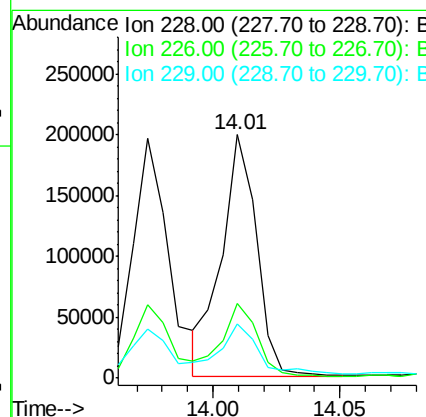
Manual Integrations  
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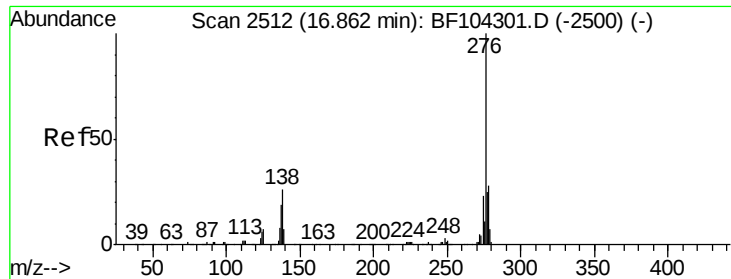
Sohil  
4/24/2018 3:48:26 PM



#82  
Chrysene  
Concen: 14.348 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.0  | 37.6  |
| 229     | 22.4  | 16.2  | 24.4  |





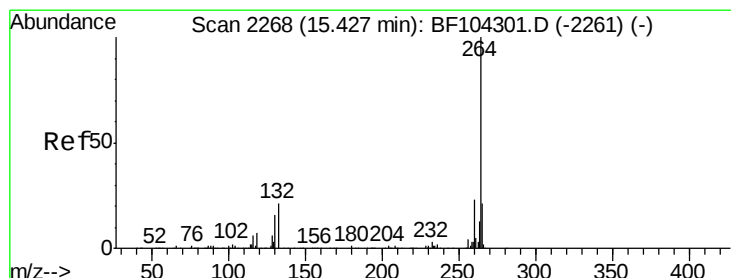
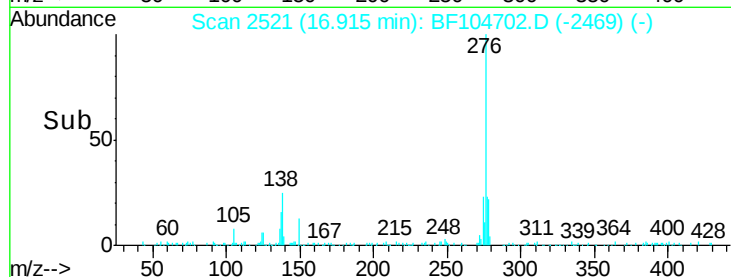
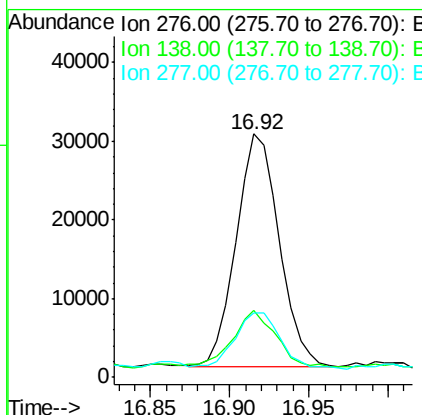
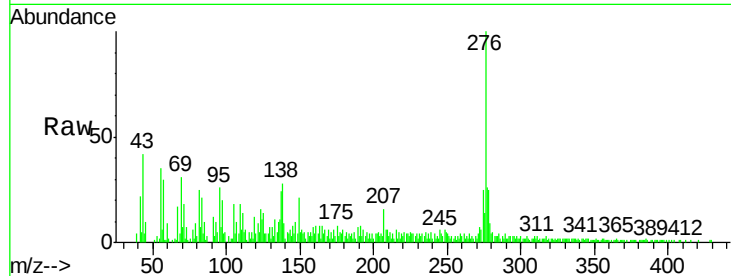
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 4.897 ng  
RT: 16.92 min Scan# 2521  
Delta R.T. 0.01 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.4  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

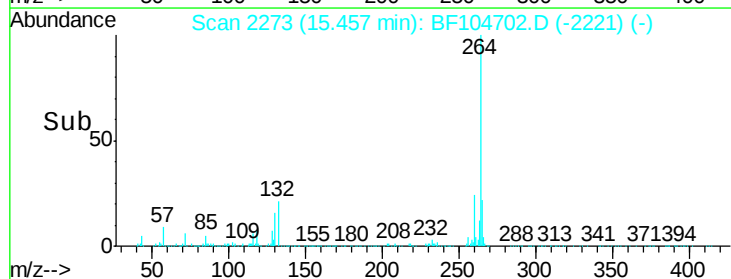
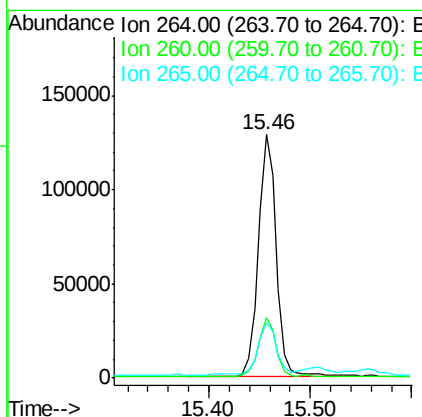
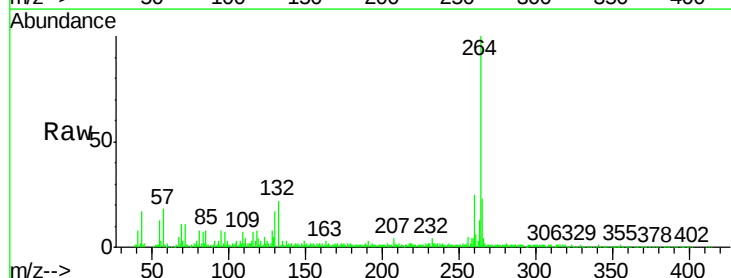
Manual Integrations  
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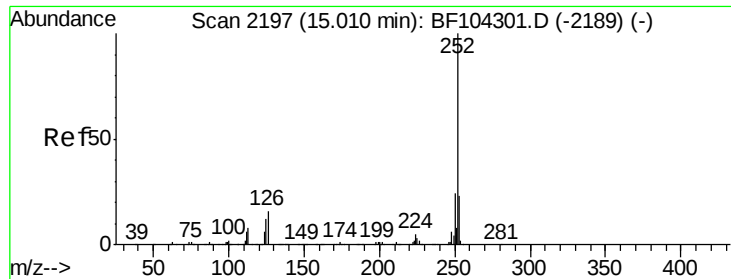
Sohil  
4/24/2018 3:48:26 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.46 min Scan# 2273  
Delta R.T. 0.01 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.2  | 28.8  |
| 265     | 22.9  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 15.959 ng m

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

Instrument :

BNA\_F

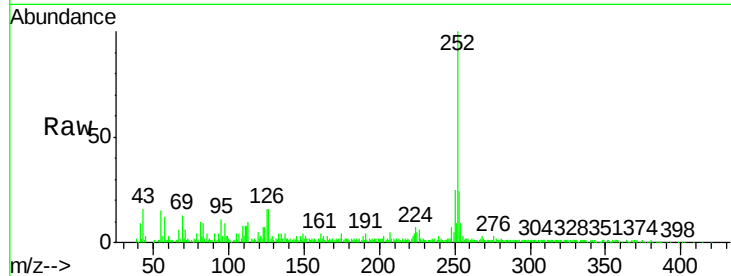
ClientSampleId :

BU-03-042018

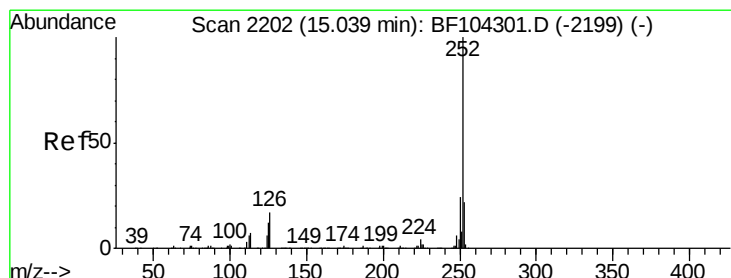
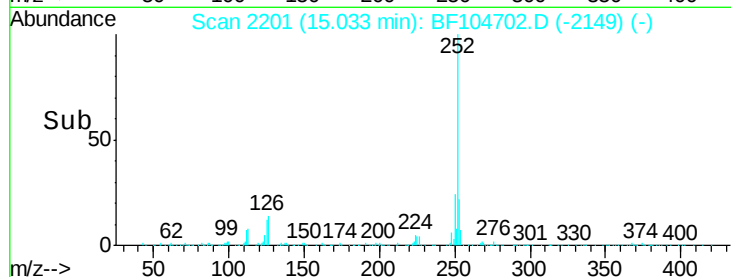
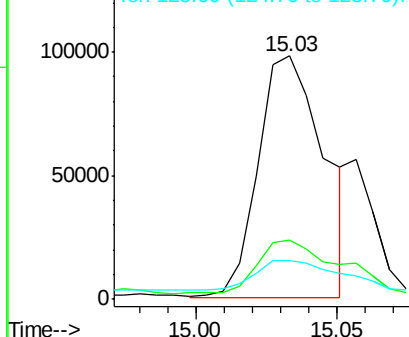
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 158480 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.3  | 17.0  | 25.6   |
| 125       | 15.9  | 9.0   | 13.6#  |

Manual Integrations  
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Sohil  
4/24/2018 3:48:26 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



#88

Benzo(k)fluoranthene

Concen: 4.115 ng m

RT: 15.06 min Scan# 2205

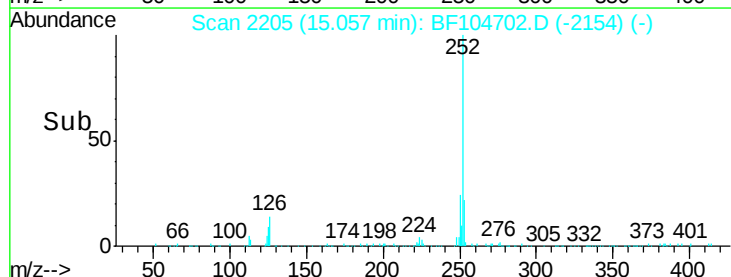
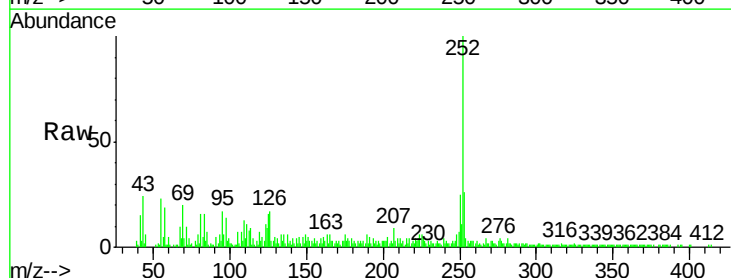
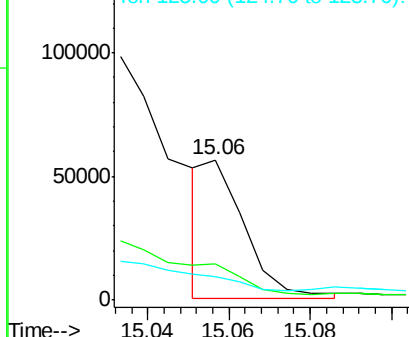
Delta R.T. -0.00 min

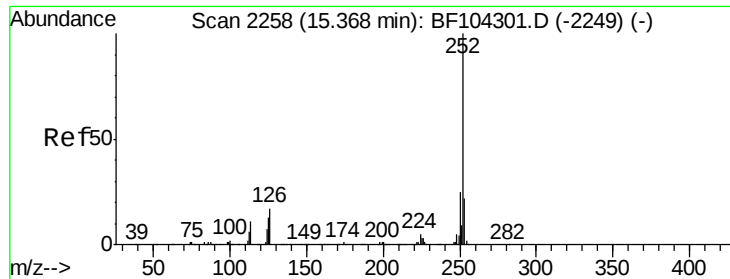
Lab File: BF104702.D

Acq: 23 Apr 2018 12:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 38575 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 25.9  | 17.9  | 26.9  |
| 125       | 16.4  | 10.2  | 15.2# |

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





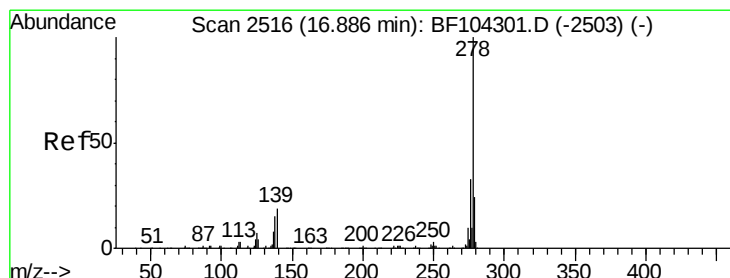
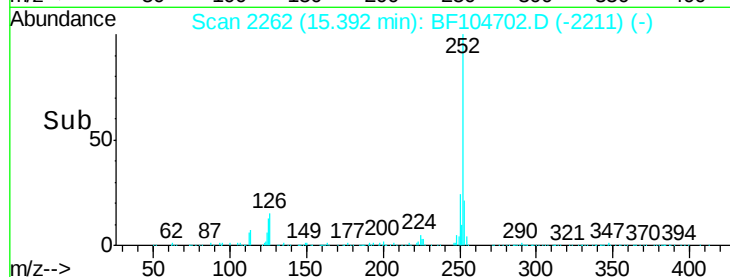
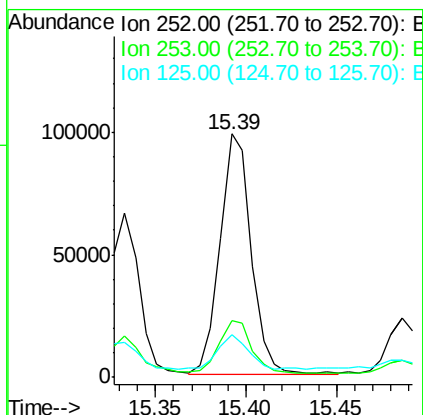
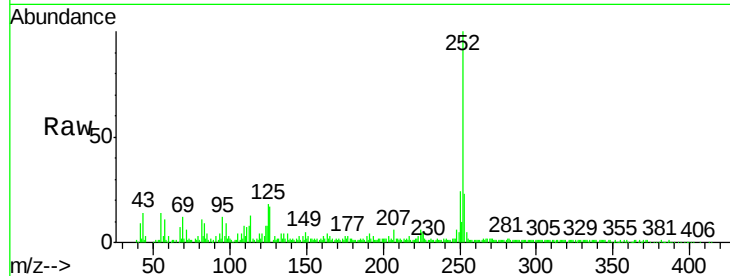
#89  
Benzo(a)pyrene  
Concen: 13.234 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.1  | 25.7  |
| 125     | 17.5  | 9.8   | 14.6  |

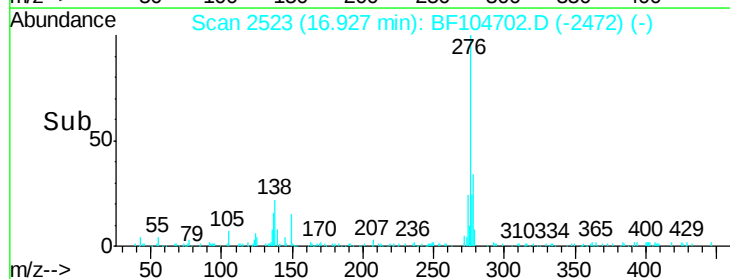
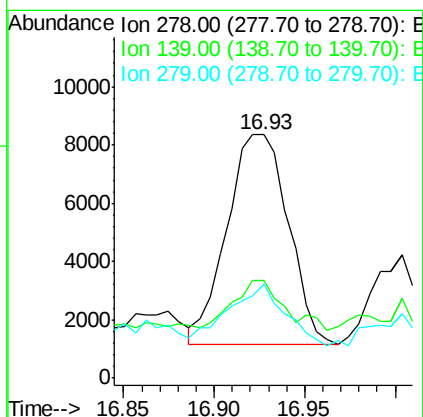
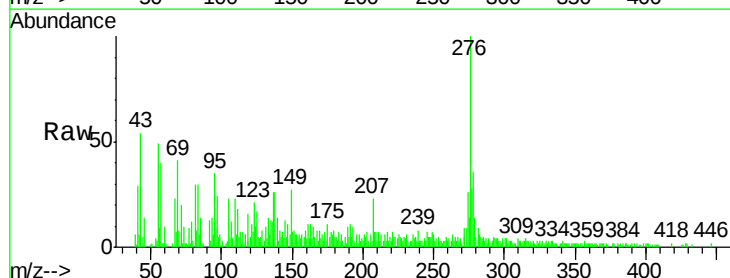
Manual Integrations  
APPROVED

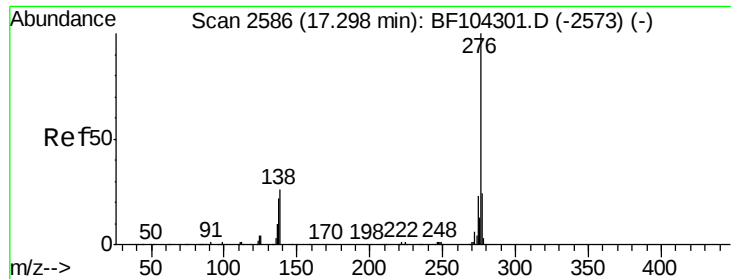
Sohil  
4/24/2018 3:48:26 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 2.320 ng  
RT: 16.93 min Scan# 2523  
Delta R.T. -0.00 min  
Lab File: BF104702.D  
Acq: 23 Apr 2018 12:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 40.0  | 15.9  | 23.9  |
| 279     | 38.3  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 8.501 ng  
 RT: 17.36 min Scan# 2597  
 Delta R.T. 0.01 min  
 Lab File: BF104702.D  
 Acq: 23 Apr 2018 12:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-042018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 28.4  | 17.9  | 26.9# |
| 138     | 27.0  | 21.8  | 32.8  |

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 3:48:26 PM

