

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\  
 Data File : BF114041.D  
 Acq On : 30 Apr 2019 14:51  
 Operator : JU/SJ  
 Sample : K2194-01 2X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JC-03-042919-A

Manual Integrations  
 APPROVED

Sohil  
 5/1/2019 11:58:41 AM

Quant Time: May 01 04:51:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 114376   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.17  | 136  | 430243   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.92  | 164  | 209770   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.41 | 188  | 375484   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.05 | 240  | 318601   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 15.54 | 264  | 281903   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.51  | 112  | 349628   | 52.28  | ng    | 0.00     |
| 7) Phenol-d6                | 6.51  | 99   | 457468   | 54.53  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 265777   | 38.14  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 128265   | 50.19  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 536285   | 39.98  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.99 | 244  | 552246   | 35.54  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 25) Isophorone              | 7.45  | 82   | 265775   | 18.640 | ng    | # 65     |
| 50) Dimethylphthalate       | 9.63  | 163  | 68037    | 4.485  | ng    | # 99     |
| 52) Acenaphthene            | 9.96  | 154  | 40988    | 3.400  | ng    | 99       |
| 58) Fluorene                | 10.47 | 166  | 45509    | 3.347  | ng    | 99       |
| 71) Phenanthrene            | 11.43 | 178  | 416148   | 22.053 | ng    | 98       |
| 72) Anthracene              | 11.48 | 178  | 121796   | 6.392  | ng    | 98       |
| 75) Fluoranthene            | 12.62 | 202  | 719029   | 34.925 | ng    | 98       |
| 78) Pyrene                  | 12.86 | 202  | 620993   | 27.872 | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.04 | 228  | 443438   | 23.623 | ng    | 99       |
| 83) Chrysene                | 14.07 | 228  | 370686   | 20.276 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 17.02 | 276  | 116038   | 6.701  | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.10 | 252  | 431027m  | 24.166 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.13 | 252  | 127288m  | 8.297  | ng    |          |
| 90) Benzo(a)pyrene          | 15.47 | 252  | 265208   | 17.191 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene  | 17.03 | 278  | 32161    | 2.221  | ng    | # 68     |
| 92) Benzo(g,h,i)perylene    | 17.47 | 276  | 102748   | 7.031  | ng    | 97       |

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

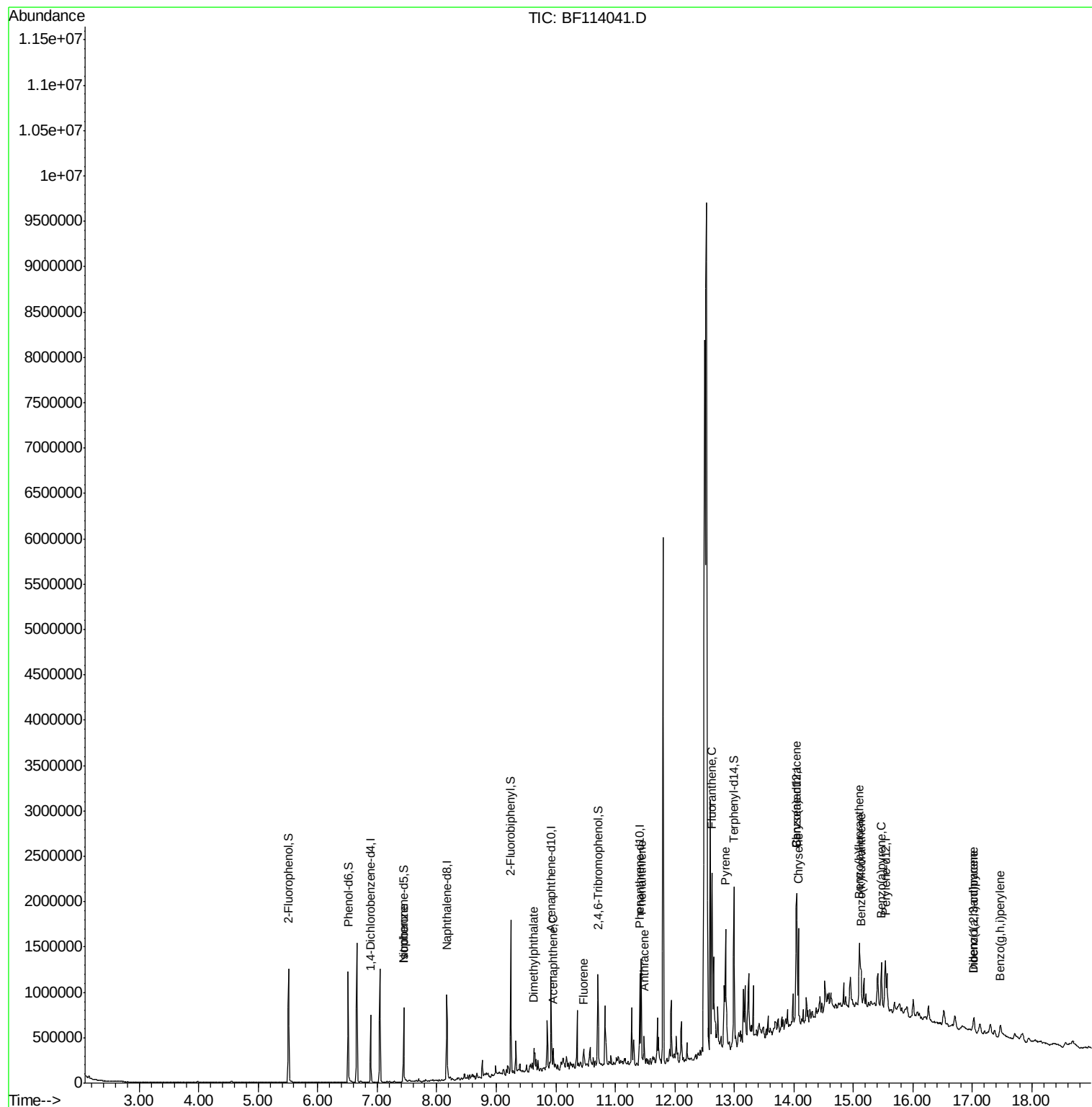
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\  
Data File : BF114041.D  
Acq On : 30 Apr 2019 14:51  
Operator : JU/SJ  
Sample : K2194-01 2X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

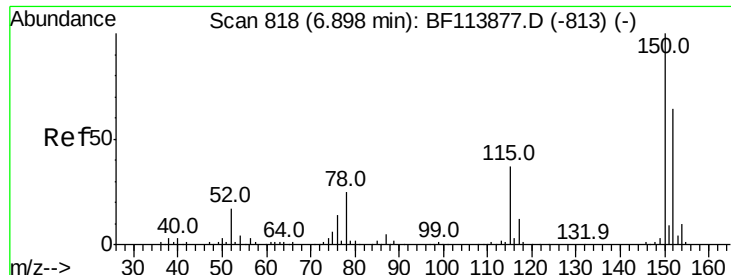
Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM

Quant Time: May 01 04:51:13 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 23 03:32:35 2019  
Response via : Initial Calibration





#1

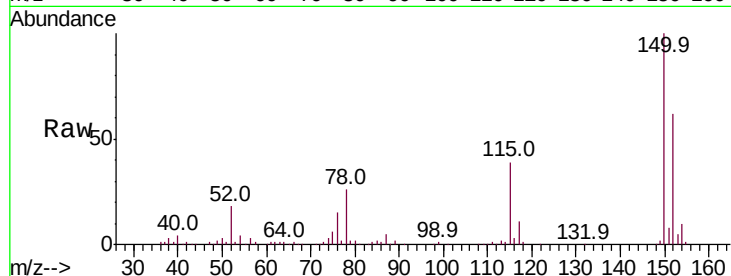
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.3 | 125.9 | 188.9 |
| 115     | 62.3  | 45.9  | 68.9  |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



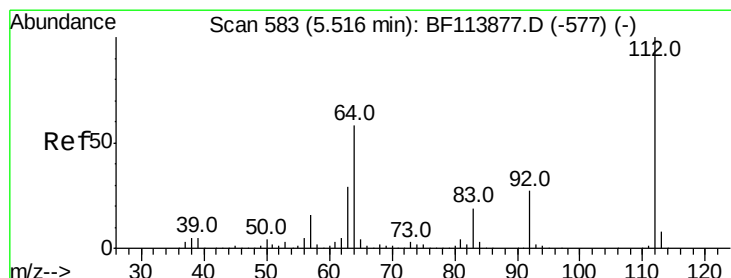
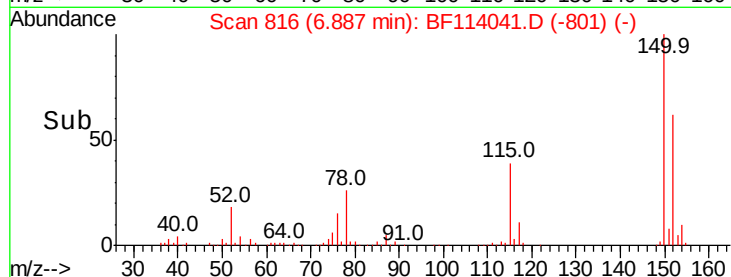
Abundance

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

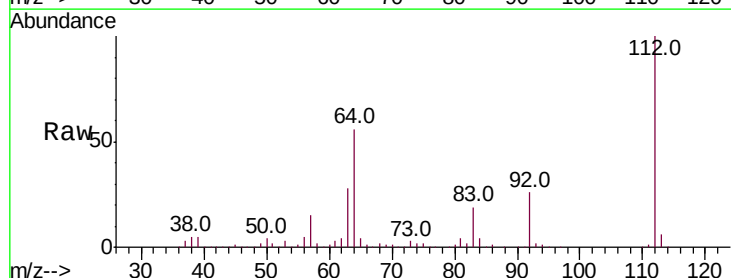
Time-->



#5

2-Fluorophenol  
Concen: 52.283 ng  
RT: 5.51 min Scan# 582  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.7  | 46.6  | 69.8  |
| 63      | 27.5  | 23.1  | 34.7  |



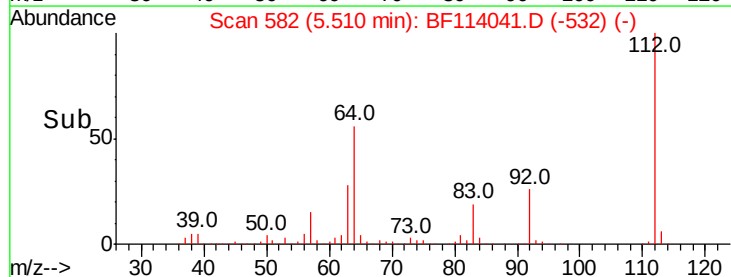
Abundance

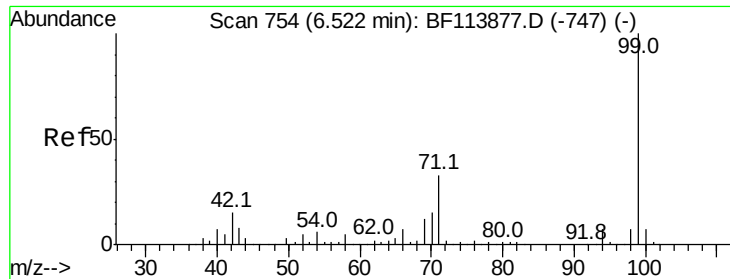
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 54.526 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

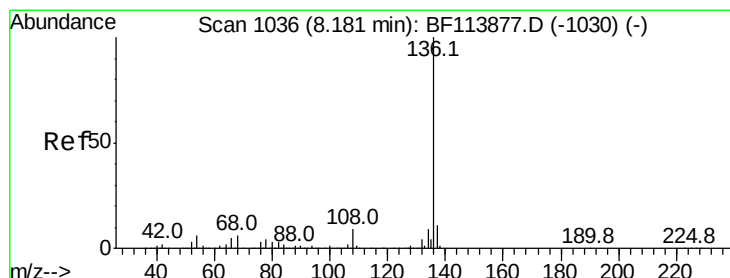
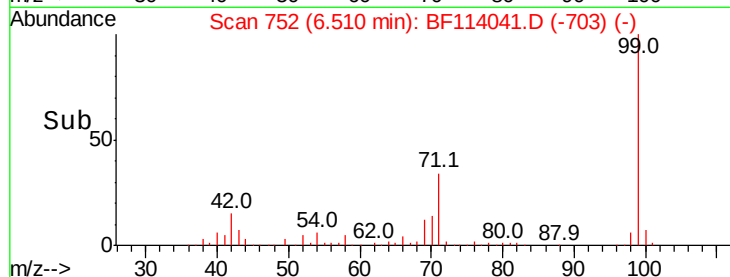
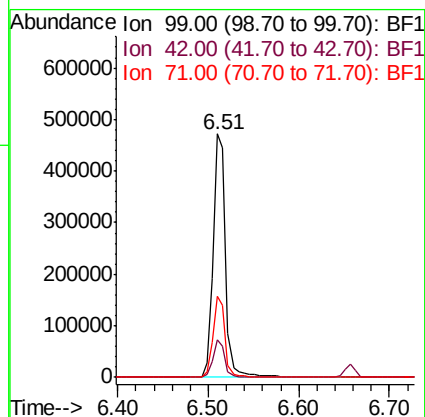
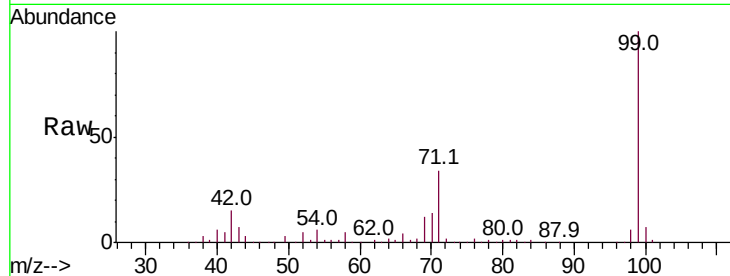
ClientSampleId :

JC-03-042919-A

| Tot Ion   | 99    | Resp  | 457468 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.2  | 12.5  | 18.7   |
| 71        | 33.5  | 26.9  | 40.3   |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



#21

Naphthalene-d8

Concen: 20.000 ng

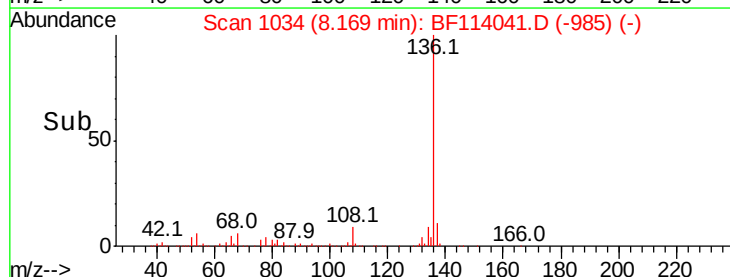
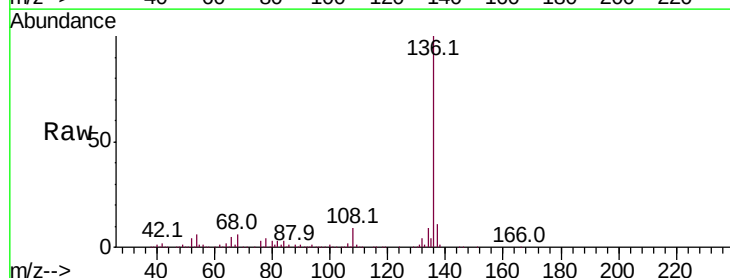
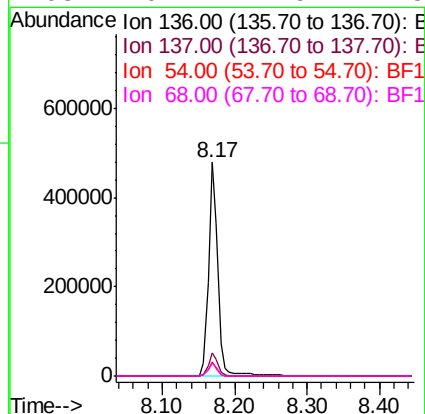
RT: 8.17 min Scan# 1034

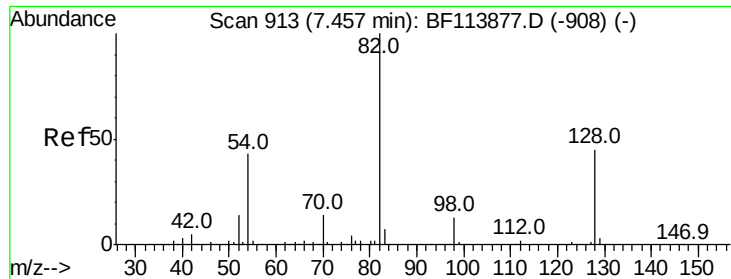
Delta R.T. -0.01 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

| Tgt Ion   | 136   | Resp  | 430243 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 8.6   | 12.8   |
| 54        | 6.3   | 5.0   | 7.6    |
| 68        | 6.2   | 4.9   | 7.3    |





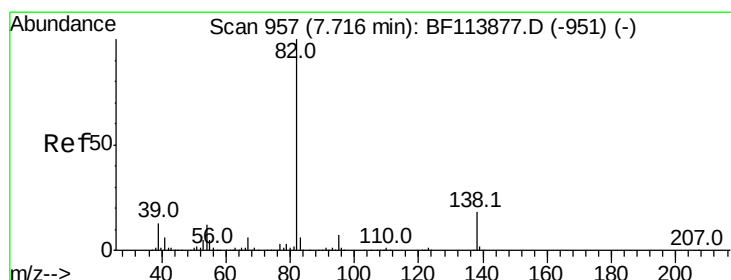
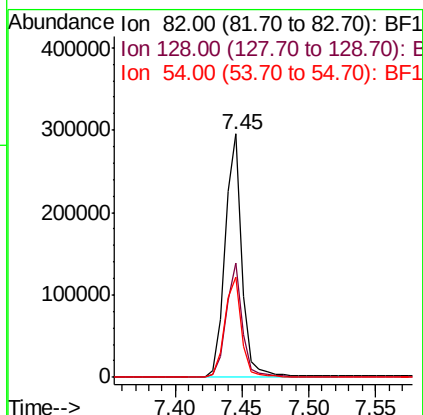
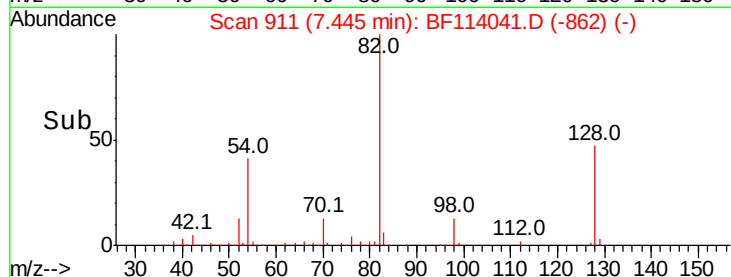
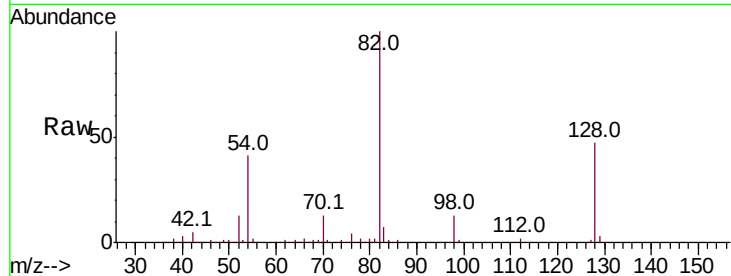
#23  
Nitrobenzene-d5  
Concen: 38.141 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 265777 |       |       |
| 128     | 47.1  | 36.8   | 55.2  |       |
| 54      | 41.2  | 33.8   | 50.6  |       |

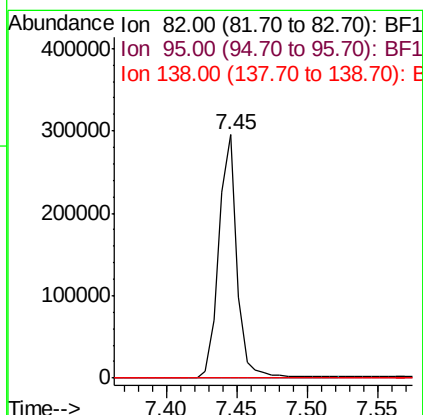
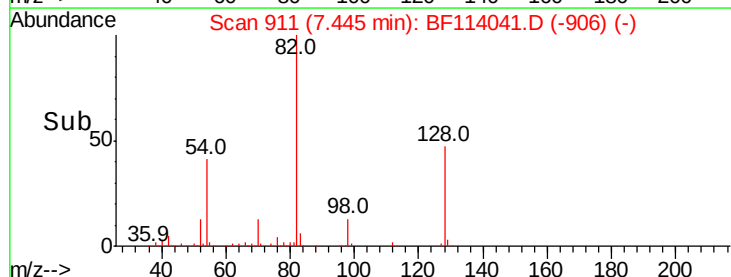
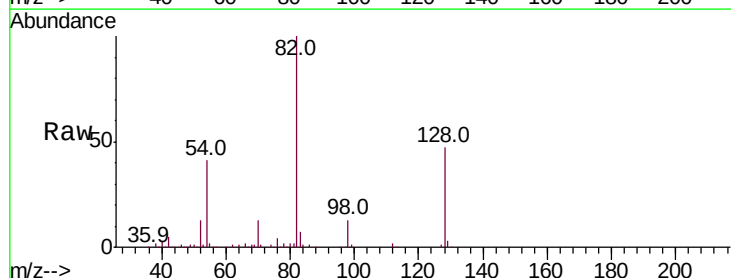
Manual Integrations  
APPROVED

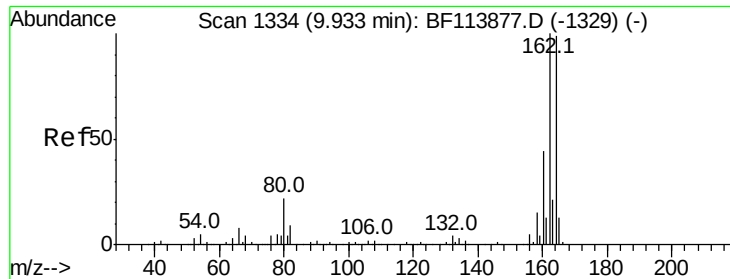
Sohil  
5/1/2019 11:58:41 AM



#25  
Isophorone  
Concen: 18.640 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.27 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 265775 |       |       |
| 95      | 0.2   | 5.4    | 8.2#  |       |
| 138     | 0.0   | 14.6   | 22.0# |       |





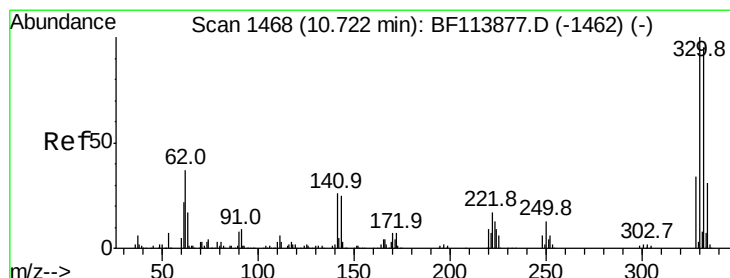
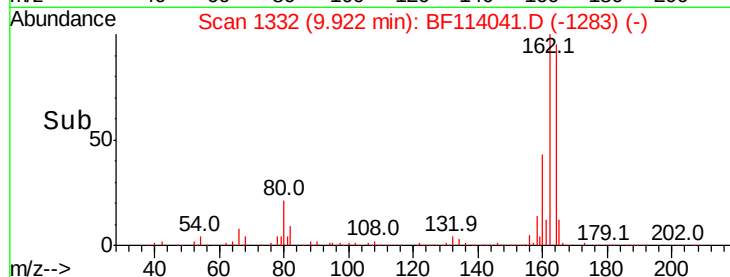
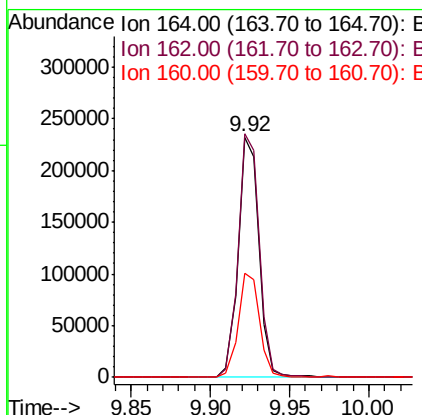
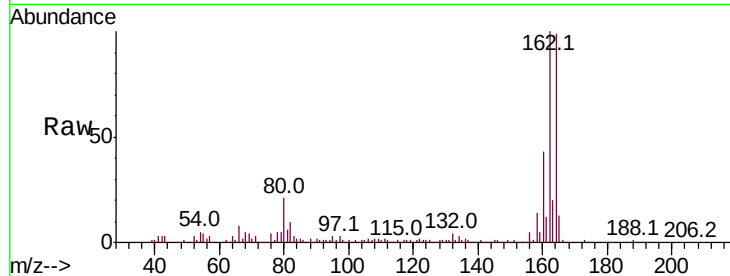
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: BF114041.D  
 Acq: 30 Apr 2019 14:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JC-03-042919-A

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.3 | 81.1 | 121.7 |       |
| 160     | 43.3  | 35.8 | 53.6  |       |

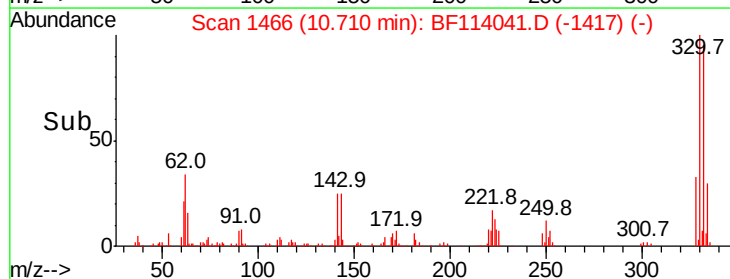
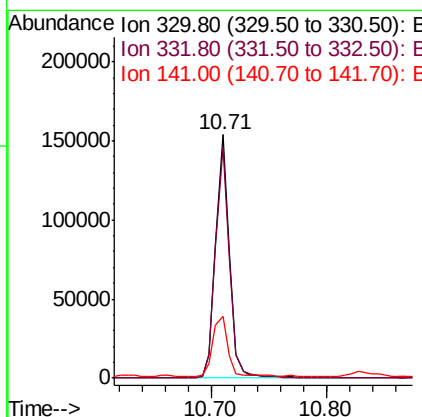
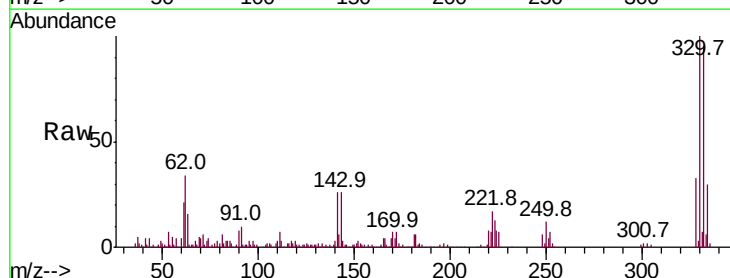
Manual Integrations  
 APPROVED

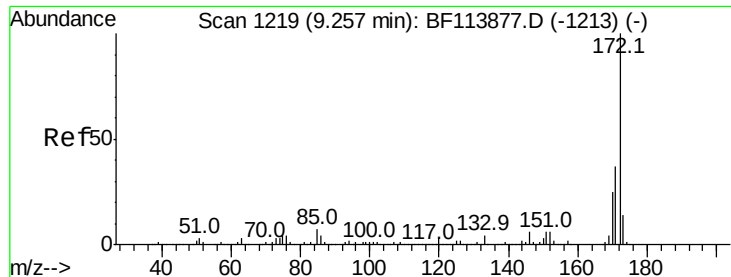
Sohil  
 5/1/2019 11:58:41 AM



#42  
 2,4,6-Tribromophenol  
 Concen: 50.193 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.01 min  
 Lab File: BF114041.D  
 Acq: 30 Apr 2019 14:51

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.9  | 77.5 | 116.3 |       |
| 141     | 26.5  | 22.2 | 33.2  |       |





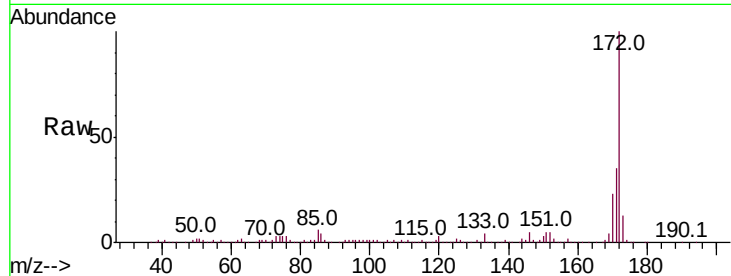
#45  
2-Fluorobiphenyl  
Concen: 39.985 ng  
RT: 9.25 min Scan# 1217  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.4  | 29.4 | 44.0  |       |
| 170     | 23.2  | 19.9 | 29.9  |       |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM

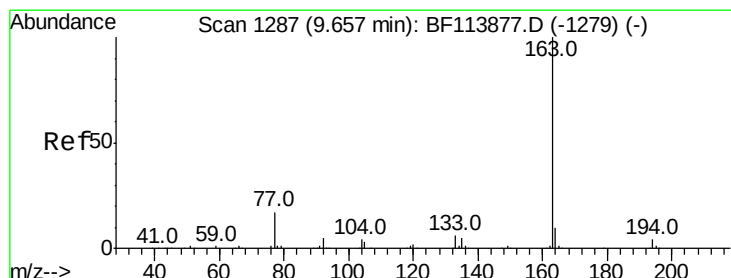
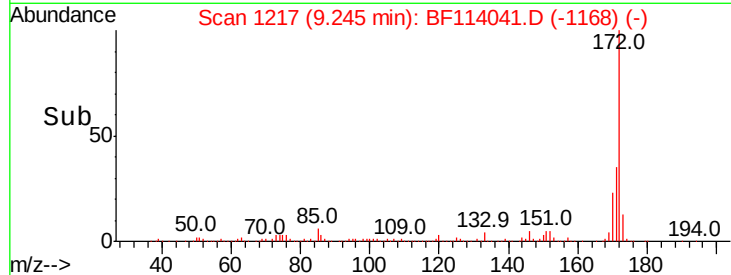
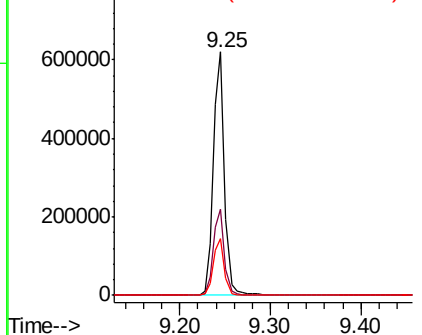


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50  
Dimethylphthalate  
Concen: 4.485 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.02 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

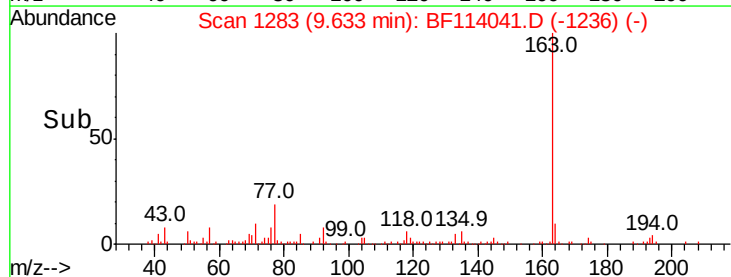
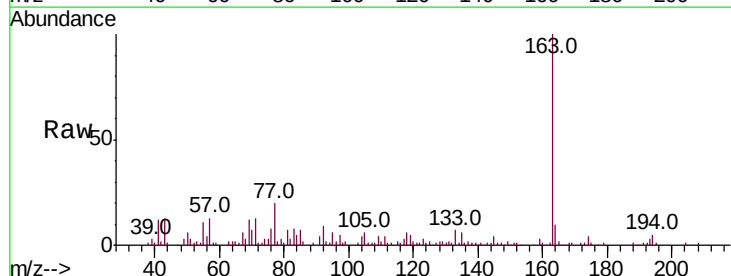
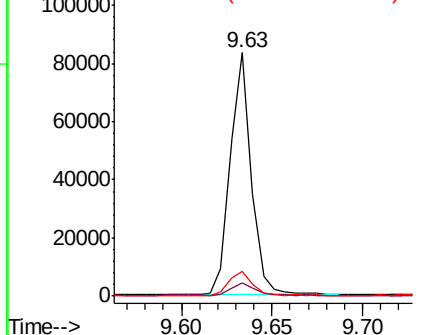
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 5.4   | 3.4  | 5.2#  |       |
| 164     | 10.4  | 8.5  | 12.7  |       |

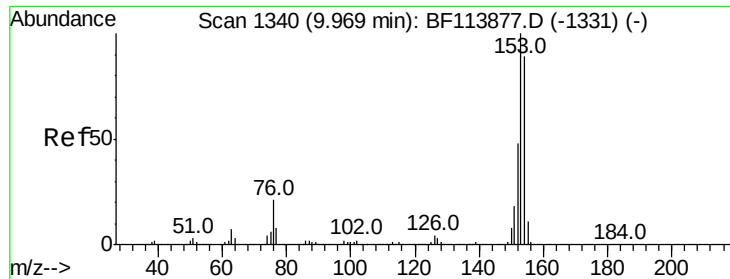
Abundance

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





#52

Acenaphthene

Concen: 3.400 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

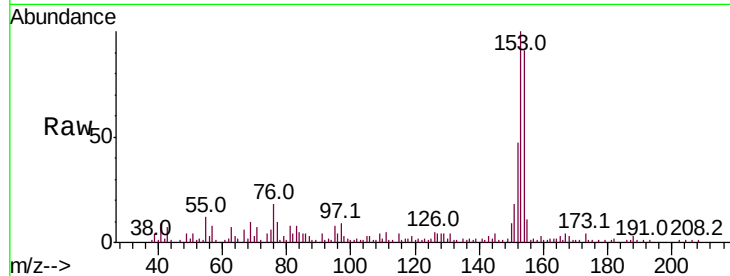
ClientSampleId :

JC-03-042919-A

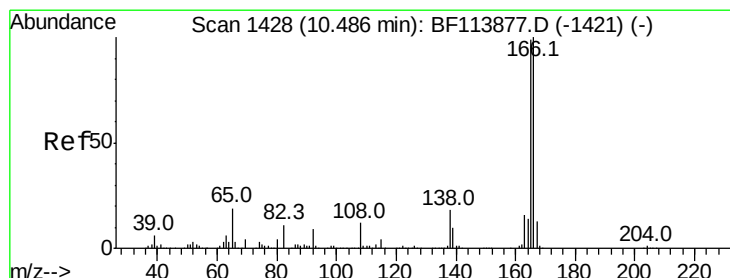
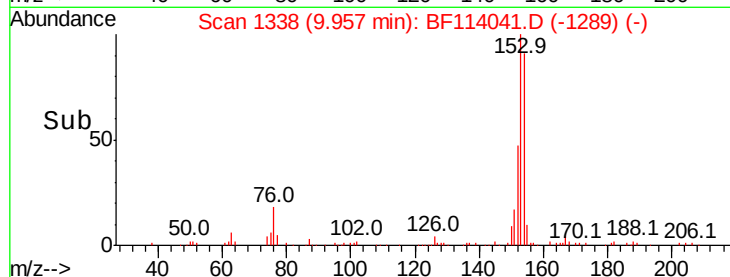
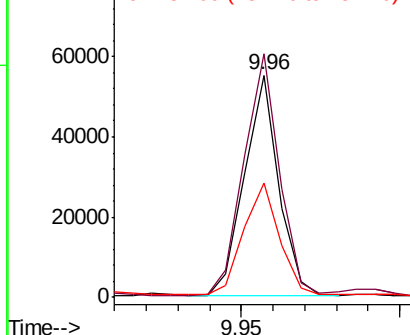
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 154   | Resp: | 40988 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 109.7 | 87.2  | 130.8 |
| 152      | 51.8  | 42.3  | 63.5  |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 3.347 ng

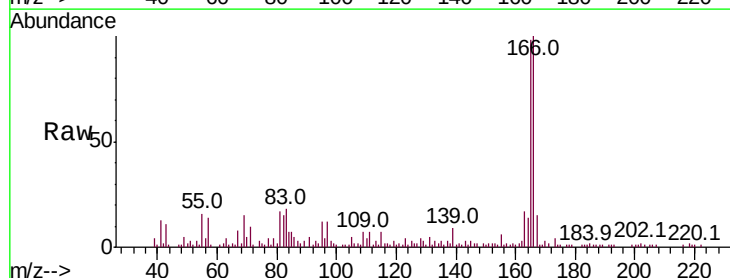
RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

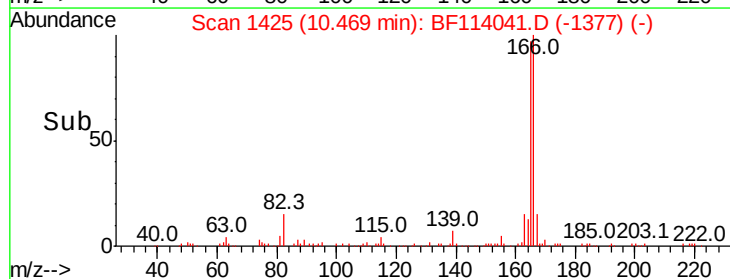
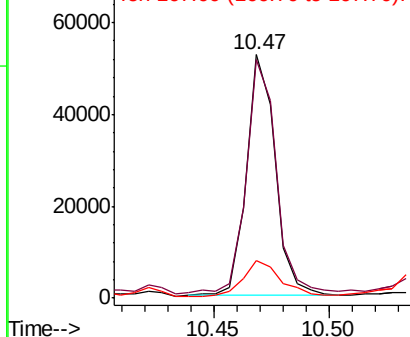
Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

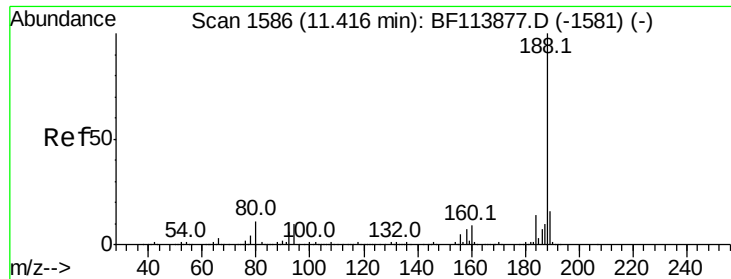
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 45509 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 97.9  | 78.4  | 117.6 |
| 167      | 15.3  | 10.9  | 16.3  |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E







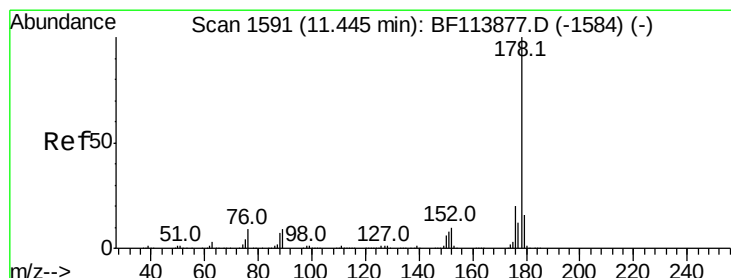
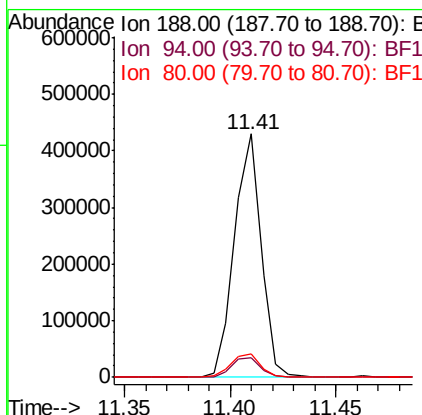
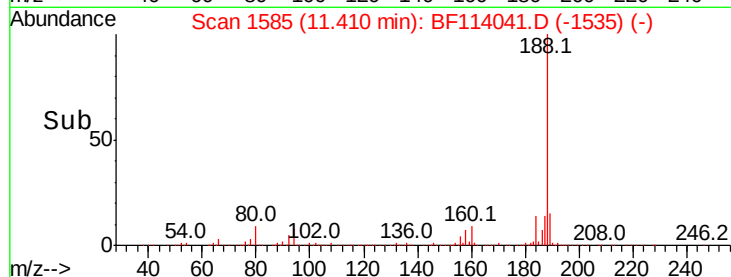
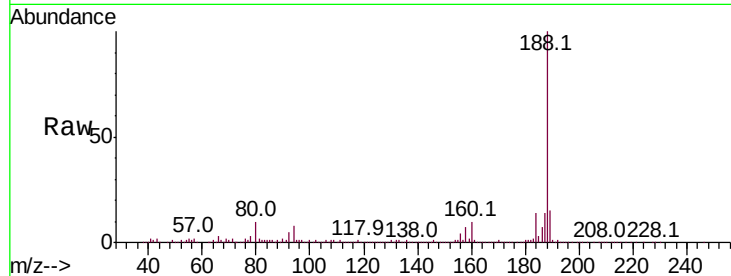
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 375484 |       |       |
| 94      | 8.2   |        | 8.2   | 12.4# |
| 80      | 9.6   |        | 9.0   | 13.6  |

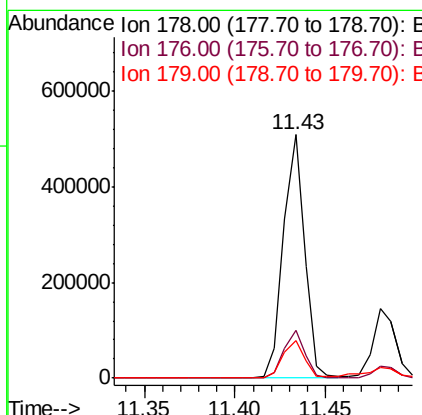
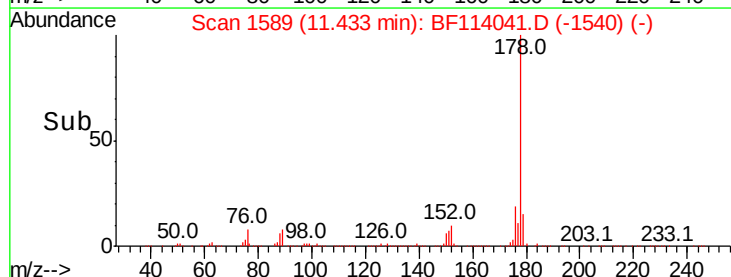
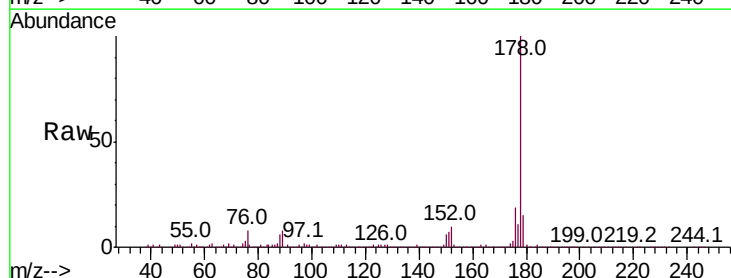
Manual Integrations  
APPROVED

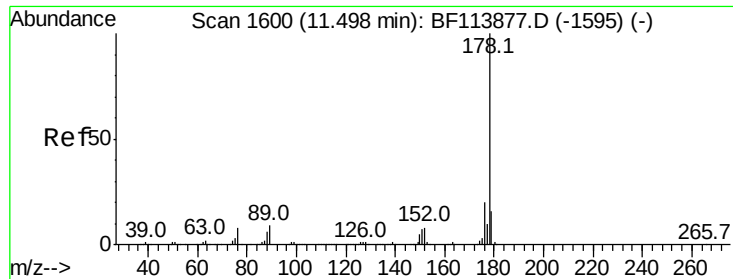
Sohil  
5/1/2019 11:58:41 AM



#71  
Phenanthrene  
Concen: 22.053 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 416148 |       |       |
| 176     | 19.4  |        | 16.1  | 24.1  |
| 179     | 15.3  |        | 12.8  | 19.2  |





#72

Anthracene

Concen: 6.392 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

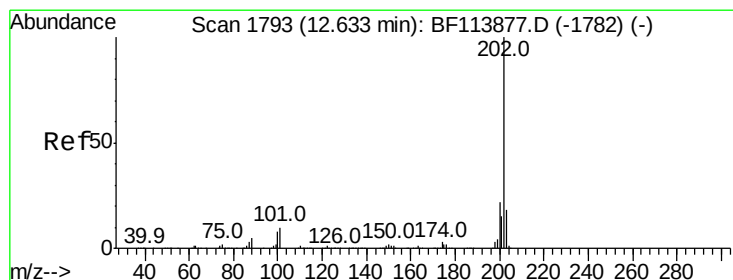
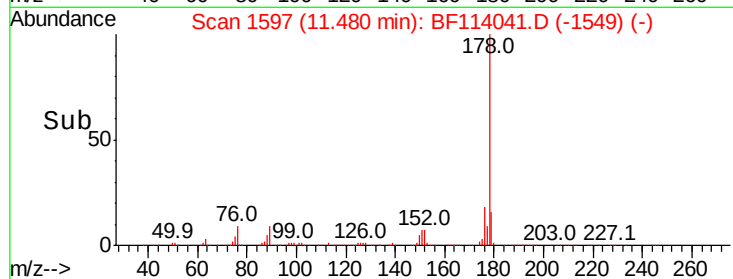
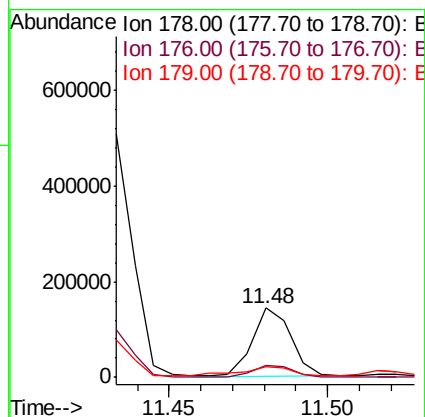
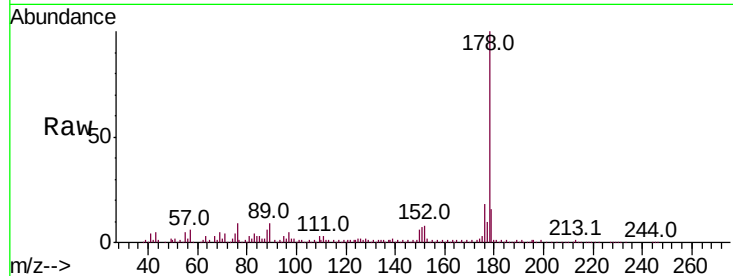
ClientSampleId :

JC-03-042919-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 121796 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 17.8  | 15.7  | 23.5   |
| 179       | 16.1  | 13.0  | 19.4   |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



#75

Fluoranthene

Concen: 34.925 ng

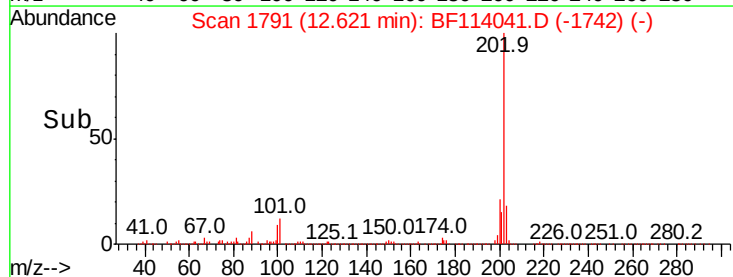
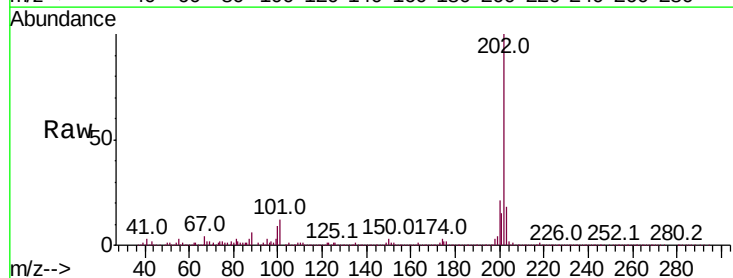
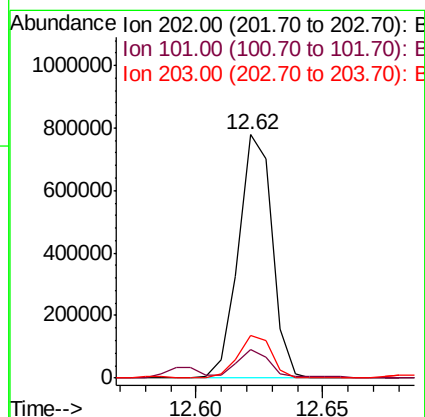
RT: 12.62 min Scan# 1791

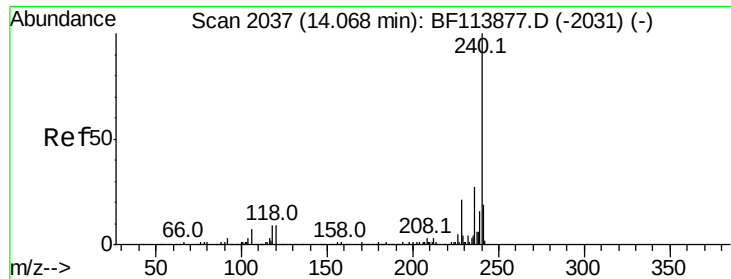
Delta R.T. -0.01 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 719029 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.8  | 0.0   | 32.9   |
| 203       | 17.7  | 0.0   | 38.2   |





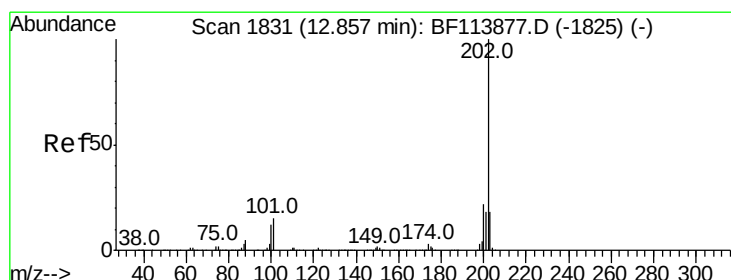
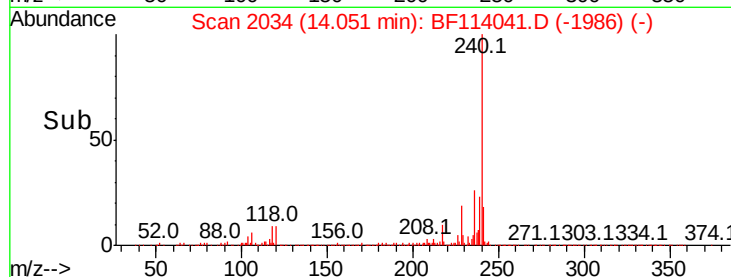
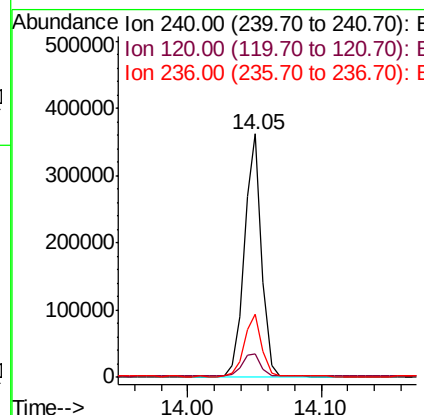
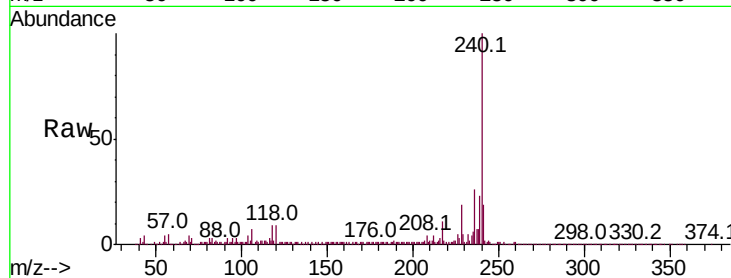
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.02 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 318601 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.4   | 9.3   | 13.9   |
| 236       | 25.8  | 21.2  | 31.8   |

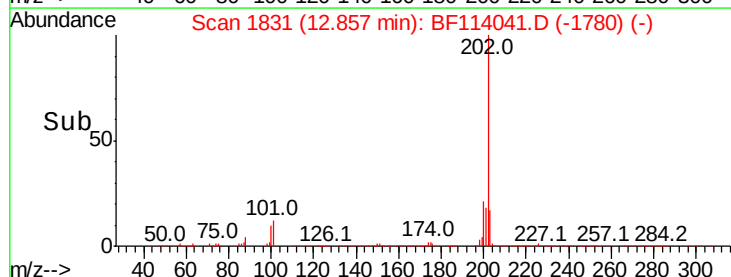
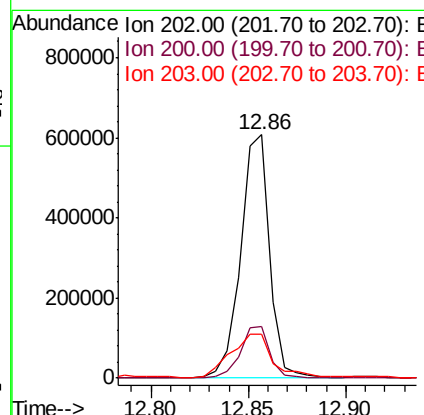
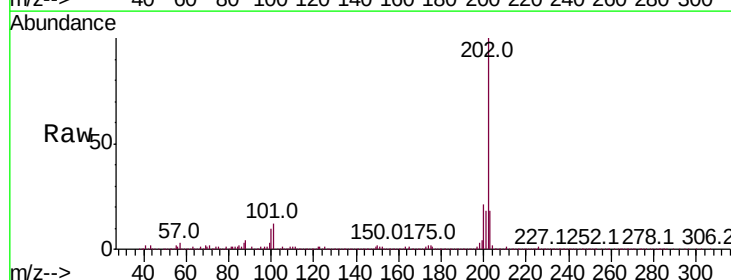
Manual Integrations  
APPROVED

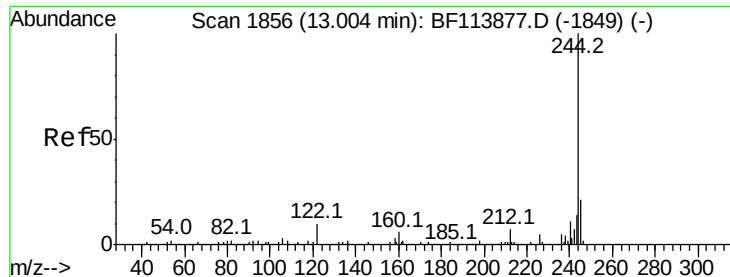
Sohil  
5/1/2019 11:58:41 AM



#78  
Pyrene  
Concen: 27.872 ng  
RT: 12.86 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 620993 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.7  | 26.5   |
| 203       | 18.0  | 15.0  | 22.6   |





#79

Terphenyl-d14

Concen: 35.536 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

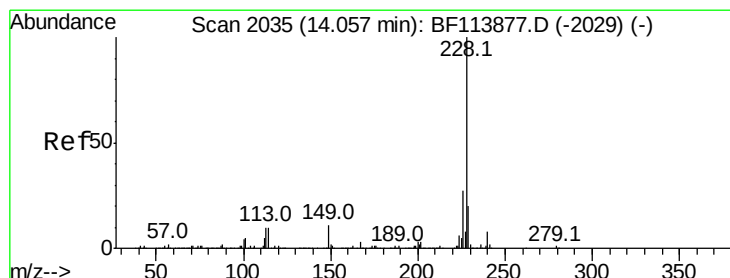
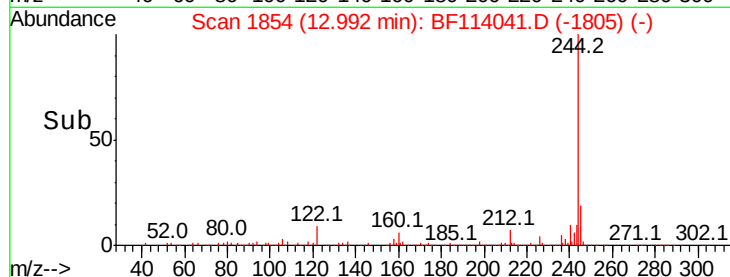
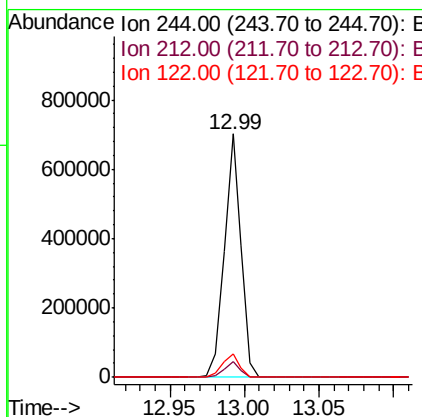
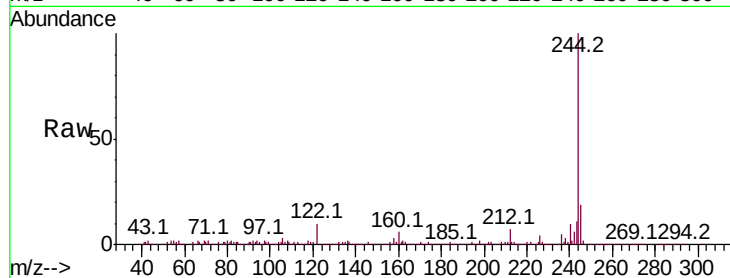
ClientSampleId :

JC-03-042919-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 552246 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.7   | 5.4   | 8.2    |
| 122       | 9.7   | 7.6   | 11.4   |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



#81

Benzo(a)anthracene

Concen: 23.623 ng

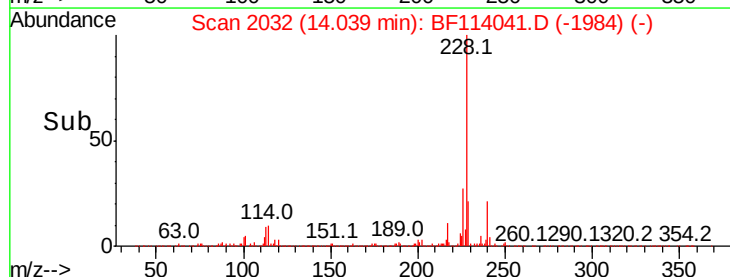
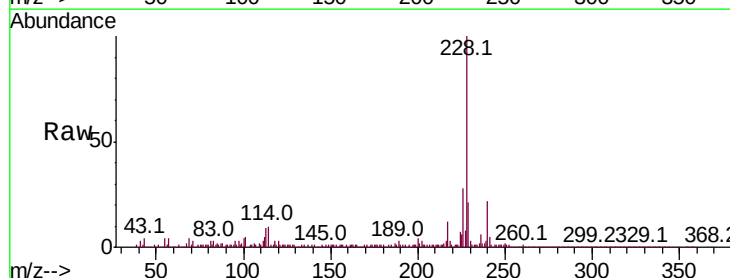
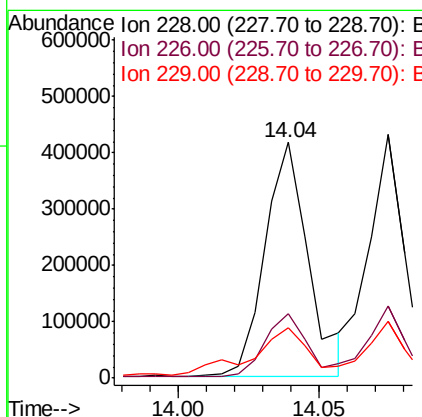
RT: 14.04 min Scan# 2032

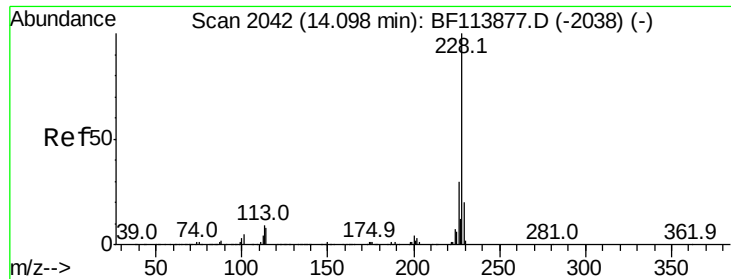
Delta R.T. -0.02 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 443438 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.6  | 22.2  | 33.2   |
| 229       | 21.3  | 16.0  | 24.0   |





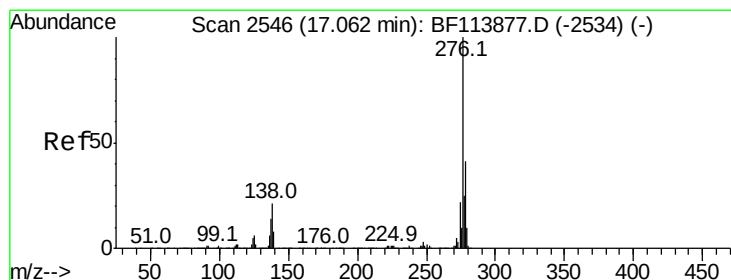
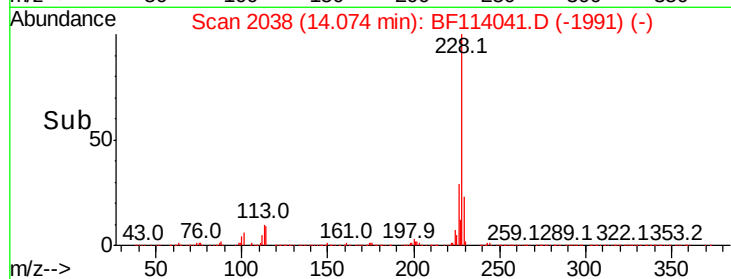
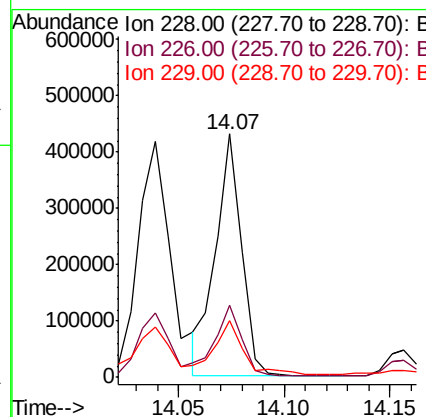
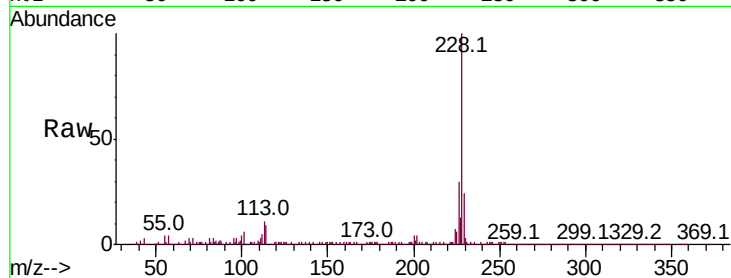
#83  
Chrysene  
Concen: 20.276 ng  
RT: 14.07 min Scan# 2038  
Delta R.T. -0.02 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 370686 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.8  | 25.2  | 37.8   |
| 229       | 23.5  | 16.7  | 25.1   |

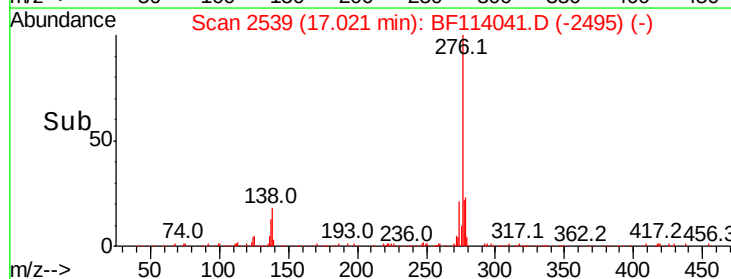
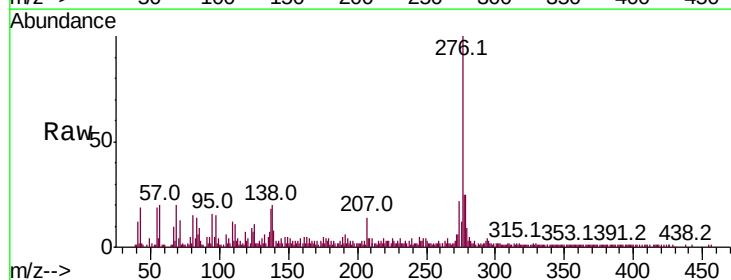
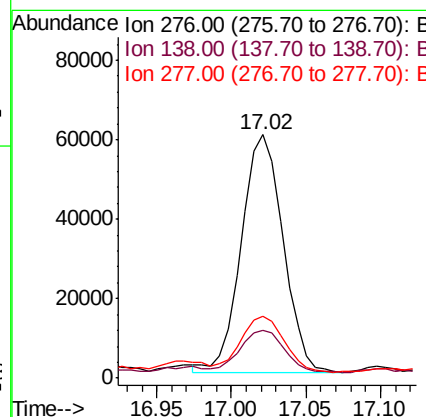
Manual Integrations  
APPROVED

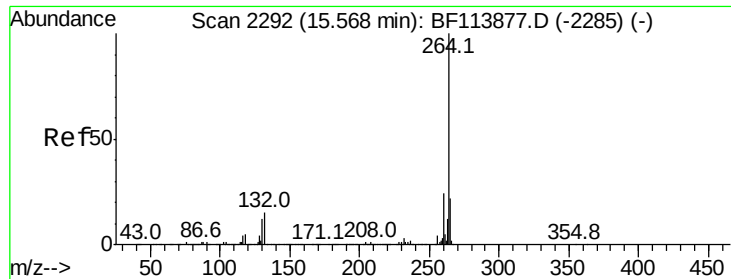
Sohil  
5/1/2019 11:58:41 AM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 6.701 ng  
RT: 17.02 min Scan# 2539  
Delta R.T. -0.04 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 116038 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 19.7  | 19.6  | 29.4   |
| 277       | 24.6  | 20.2  | 30.4   |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

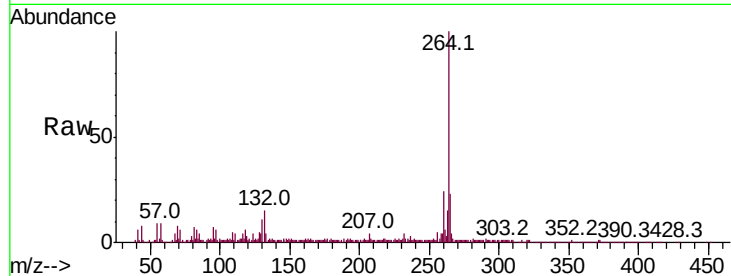
ClientSampleId :

JC-03-042919-A

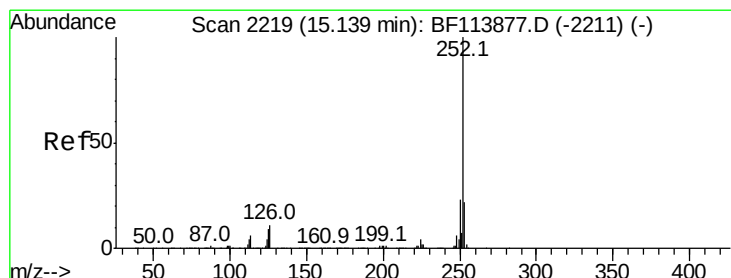
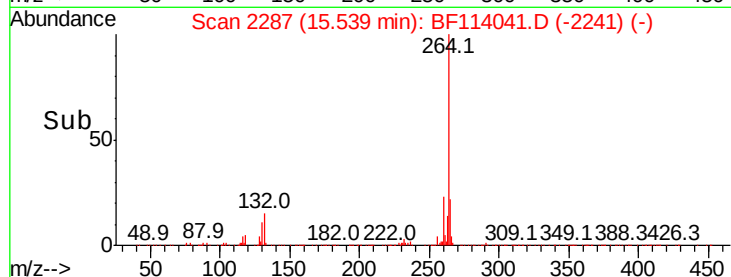
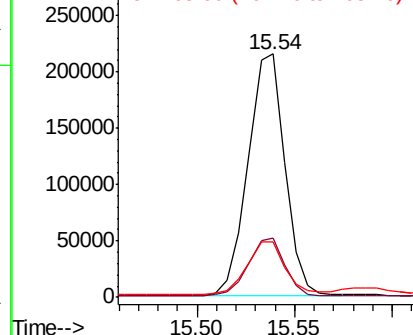
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 281903 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.3  | 18.9  | 28.3   |
| 265       | 23.0  | 17.3  | 25.9   |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



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: 24.166 ng m

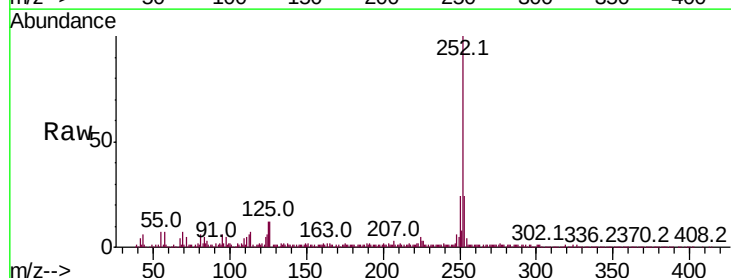
RT: 15.10 min Scan# 2213

Delta R.T. -0.04 min

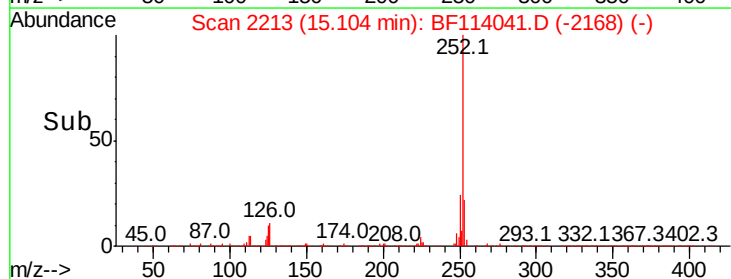
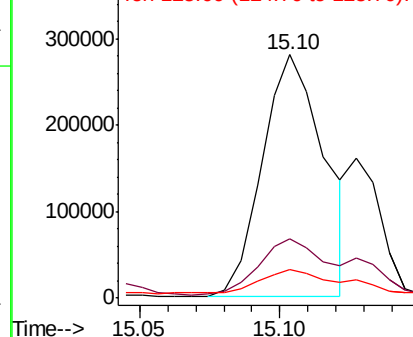
Lab File: BF114041.D

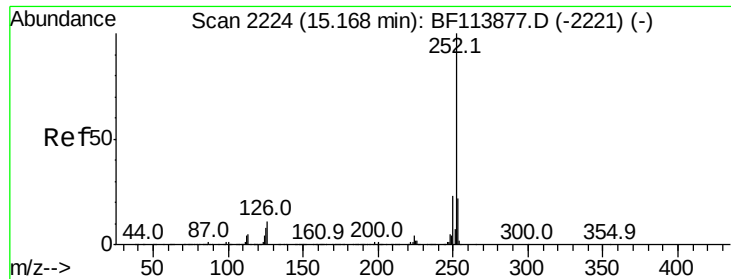
Acq: 30 Apr 2019 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 431027 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.3  | 17.8  | 26.6   |
| 125       | 11.9  | 7.0   | 10.6#  |



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





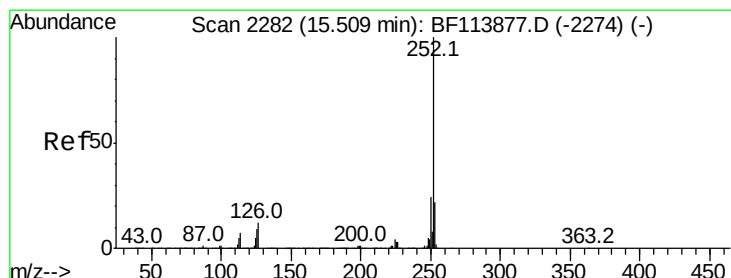
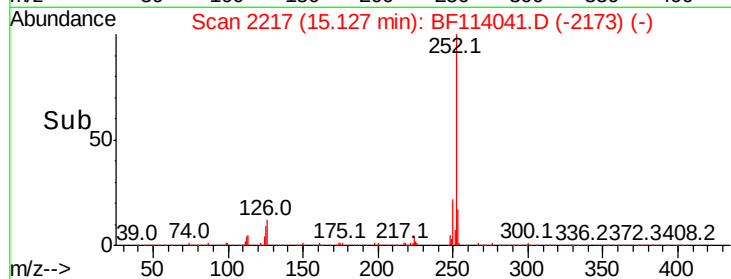
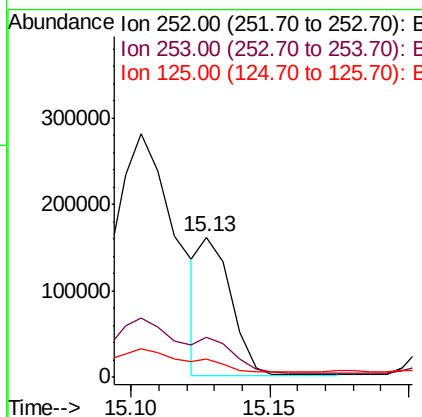
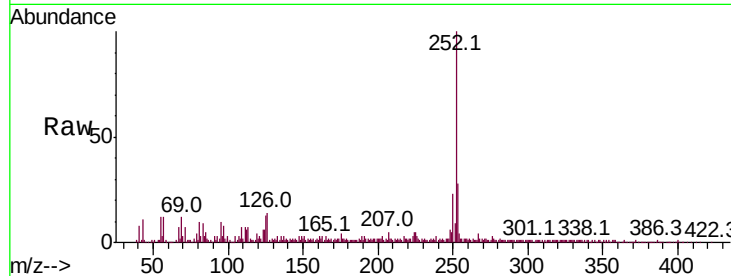
#89  
Benzo(k)fluoranthene  
Concen: 8.297 ng m  
RT: 15.13 min Scan# 2217  
Delta R.T. -0.04 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
JC-03-042919-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 28.2  | 18.2  | 27.2# |
| 125     | 12.9  | 7.4   | 11.2# |

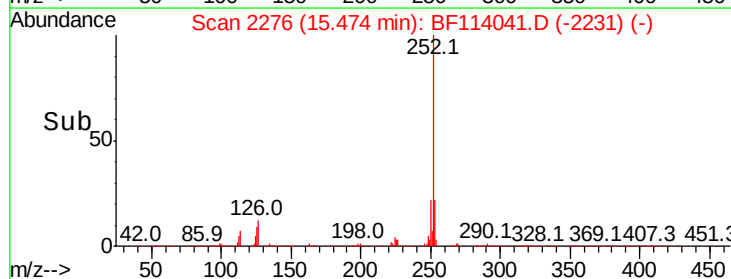
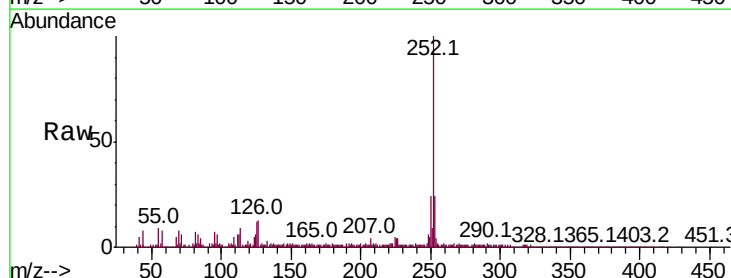
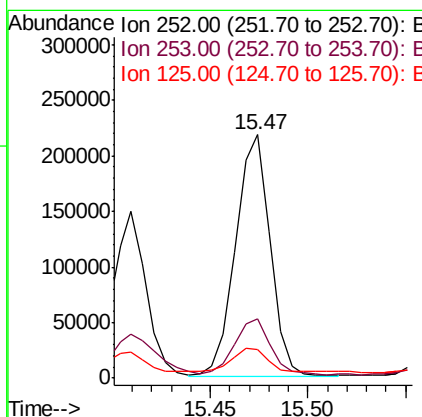
Manual Integrations  
APPROVED

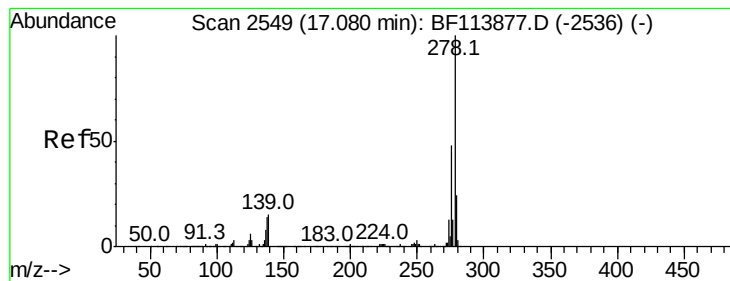
Sohil  
5/1/2019 11:58:41 AM



#90  
Benzo(a)pyrene  
Concen: 17.191 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. -0.04 min  
Lab File: BF114041.D  
Acq: 30 Apr 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 17.5  | 26.3  |
| 125     | 11.8  | 8.5   | 12.7  |





#91

Dibenzo(a,h)anthracene

Concen: 2.221 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

Instrument :

BNA\_F

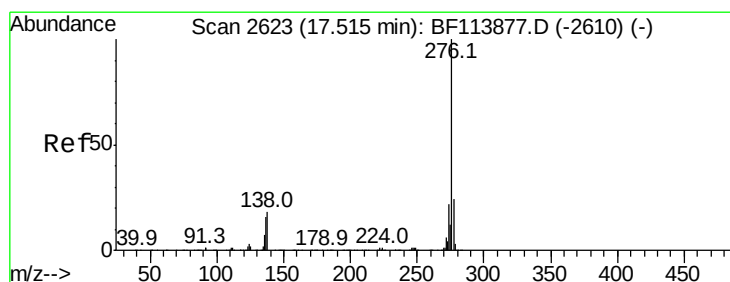
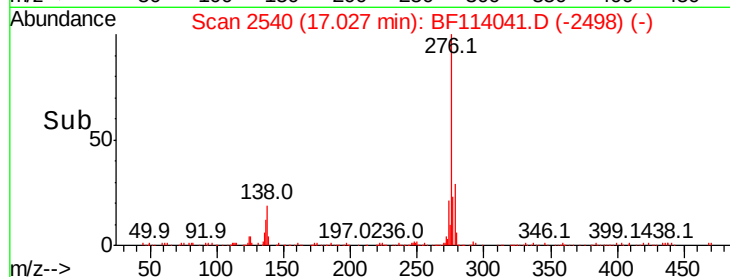
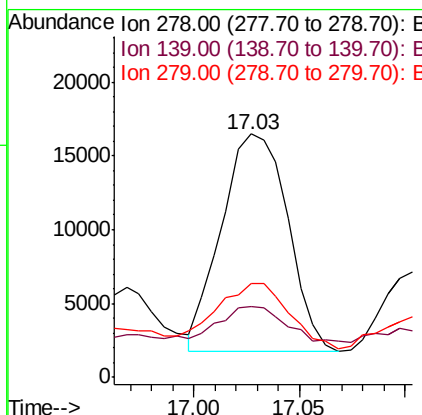
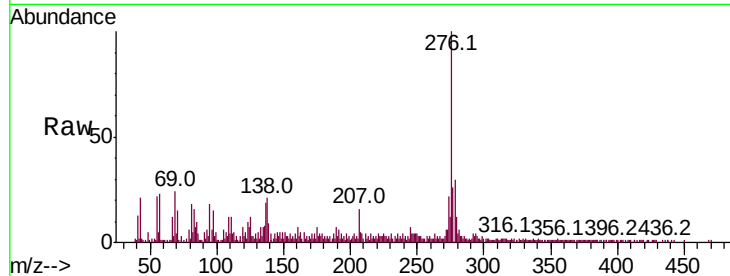
ClientSampleId :

JC-03-042919-A

|             |       |            |
|-------------|-------|------------|
| Tot Ion:278 | Resp: | 32161      |
| Ion Ratio   | Lower | Upper      |
| 278         | 100   |            |
| 139         | 29.1  | 11.6 17.4# |
| 279         | 38.3  | 19.0 28.6# |

Manual Integrations  
APPROVED

Sohil  
5/1/2019 11:58:41 AM



#92

Benzo(g,h,i)perylene

Concen: 7.031 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.05 min

Lab File: BF114041.D

Acq: 30 Apr 2019 14:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 102748    |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 277         | 26.1  | 19.0 28.4 |
| 138         | 21.0  | 16.6 25.0 |

