

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\  
 Data File : BF099013.D  
 Acq On : 2 Oct 2017 21:29  
 Operator : SJ/JU  
 Sample : I5532-09 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-66-0-1

Manual Integrations  
 APPROVED

Sohil  
 10/3/2017 6:50:58 PM

Quant Time: Oct 03 03:55:40 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 23 13:50:58 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.90  | 152  | 135595   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.19  | 136  | 537750   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.94  | 164  | 210222   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.43 | 188  | 311829   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.07 | 240  | 249485   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.57 | 264  | 252159   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 370381   | 43.48  | ng    | -0.02    |
| 7) Phenol-d6                | 6.53  | 99   | 609538   | 58.01  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 373637   | 44.56  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330  | 3779     | 2.20   | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.26  | 172  | 680762   | 54.06  | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.01 | 244  | 448279   | 40.86  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
|                             |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.20  | 128  | 123285   | 4.881  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.90  | 142  | 71957    | 4.383  | ng    | 97       |
| 49) Dimethylphthalate       | 9.65  | 163  | 118022   | 7.438  | ng    | 100      |
| 51) Acenaphthene            | 9.97  | 154  | 68932    | 5.240  | ng    | 98       |
| 54) Dibenzofuran            | 10.15 | 168  | 76225    | 4.352  | ng    | 98       |
| 57) Fluorene                | 10.49 | 166  | 59446    | 4.223  | ng    | 98       |
| 70) Phenanthrene            | 11.46 | 178  | 675775   | 40.487 | ng    | 99       |
| 71) Anthracene              | 11.50 | 178  | 173403   | 10.153 | ng    | 99       |
| 72) Carbazole               | 11.66 | 167  | 40093    | 2.397  | ng    | 98       |
| 74) Fluoranthene            | 12.65 | 202  | 800845   | 47.382 | ng    | 99       |
| 77) Pyrene                  | 12.87 | 202  | 673193   | 35.386 | ng    | 100      |
| 80) Benzo(a)anthracene      | 14.06 | 228  | 294661   | 19.505 | ng    | 99       |
| 82) Chrysene                | 14.10 | 228  | 239389   | 16.644 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.07 | 276  | 82547    | 7.175  | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.13 | 252  | 318939m  | 20.572 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.15 | 252  | 94685m   | 6.183  | ng    |          |
| 89) Benzo(a)pyrene          | 15.50 | 252  | 179957   | 12.645 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene    | 17.53 | 276  | 74539    | 6.621  | ng    | # 92     |

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

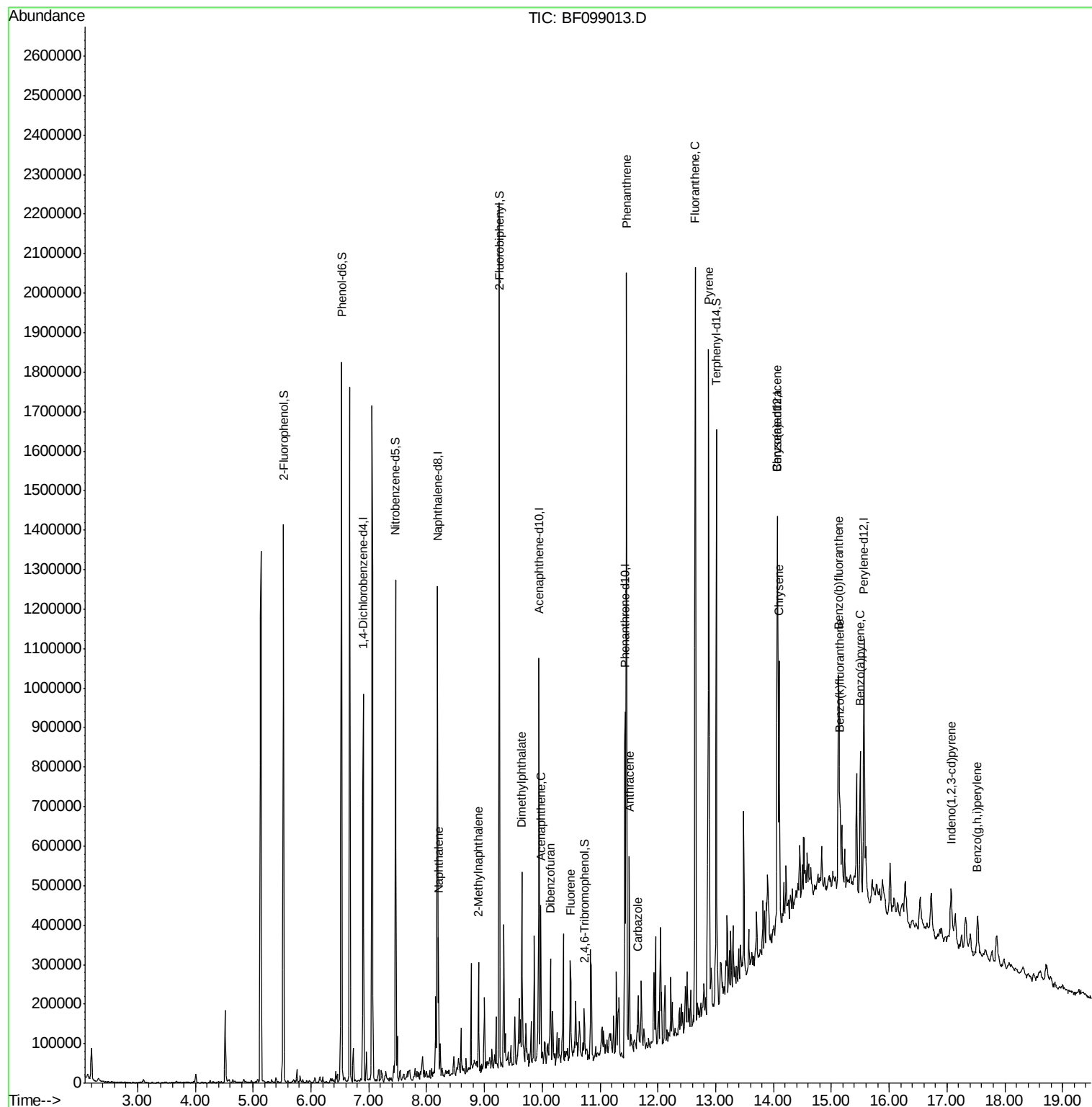
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\  
Data File : BF099013.D  
Acq On : 2 Oct 2017 21:29  
Operator : SJ/JU  
Sample : I5532-09 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

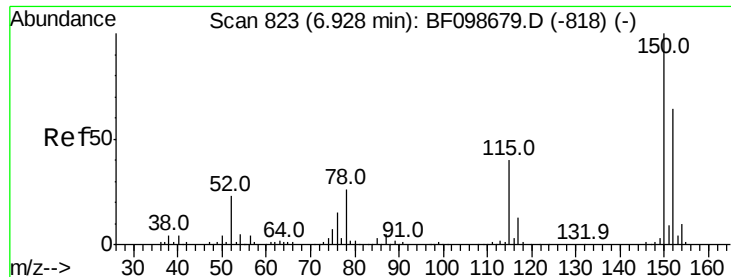
Instrument :  
BNA\_F  
ClientSampled :  
G-66-0-1

Manual Integrations  
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10/3/2017 6:50:58 PM

Quant Time: Oct 03 03:55:40 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 23 13:50:58 2017  
Response via : Initial Calibration





#1

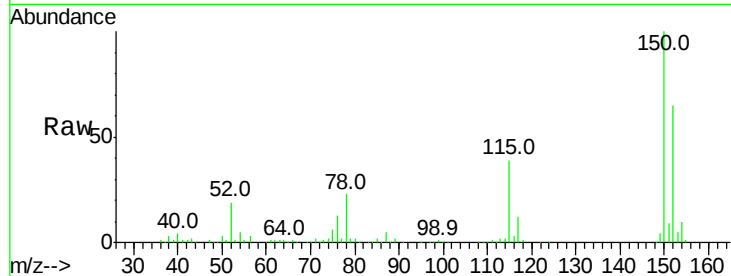
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

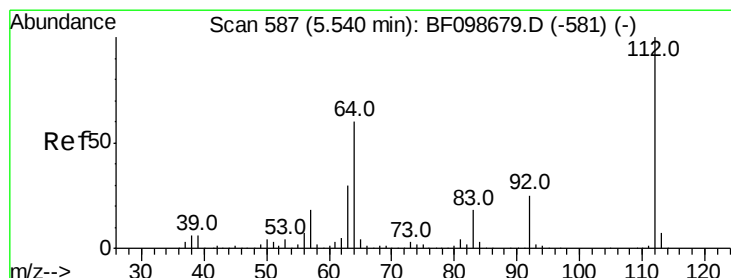
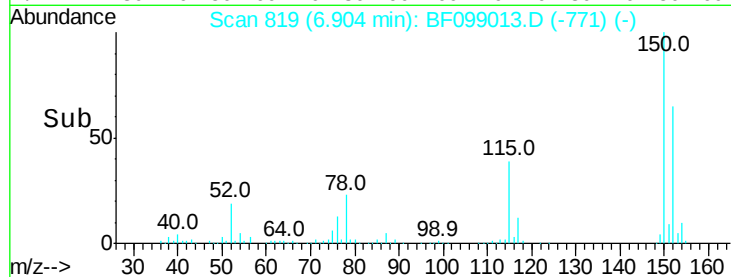
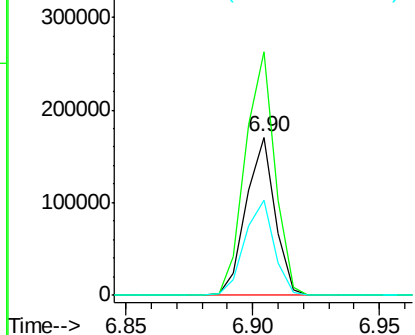
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.7 | 124.6 | 186.8 |
| 115     | 59.9  | 50.1  | 75.1  |

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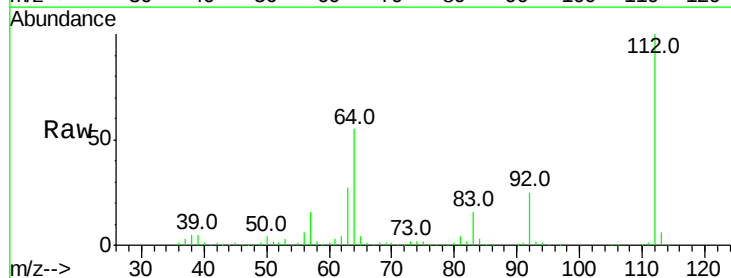
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



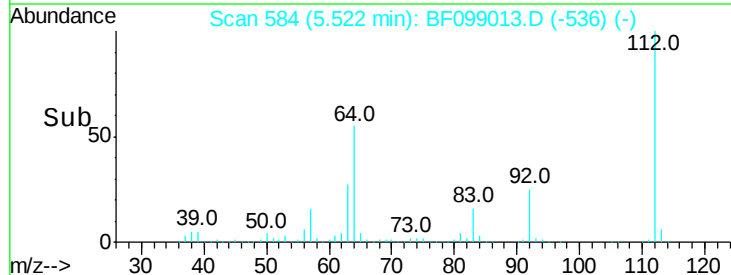
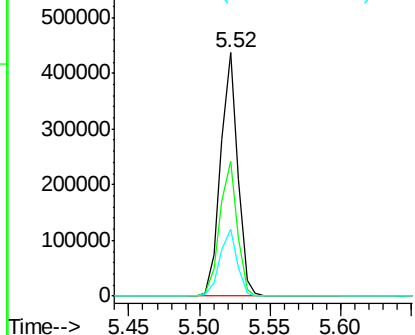
#5

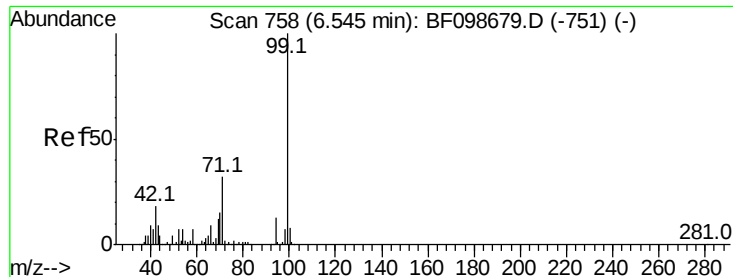
2-Fluorophenol  
Concen: 43.483 ng  
RT: 5.52 min Scan# 584  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.3  | 47.9  | 71.9  |
| 63      | 27.3  | 23.7  | 35.5  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.009 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

Instrument :

BNA\_F

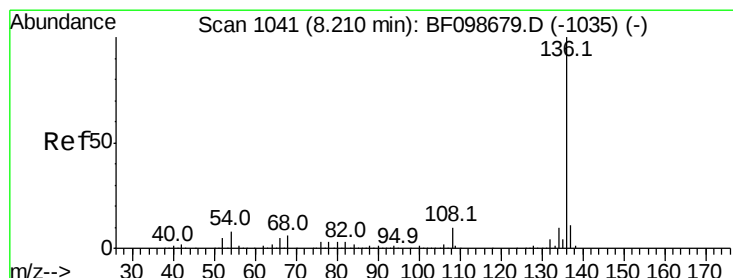
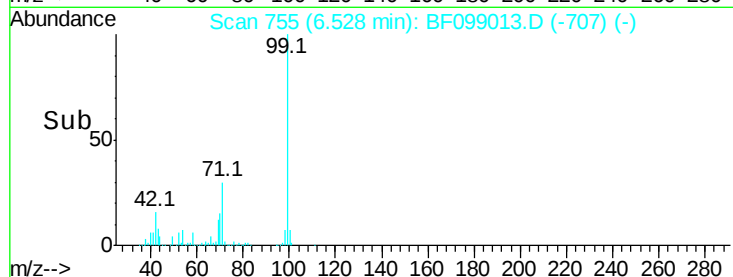
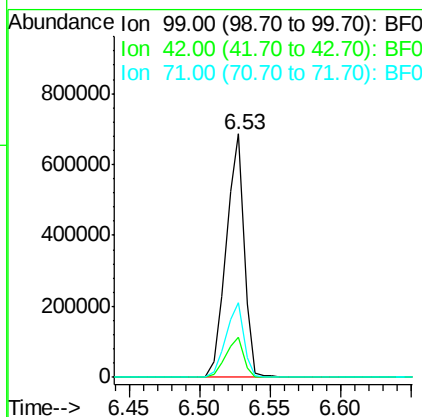
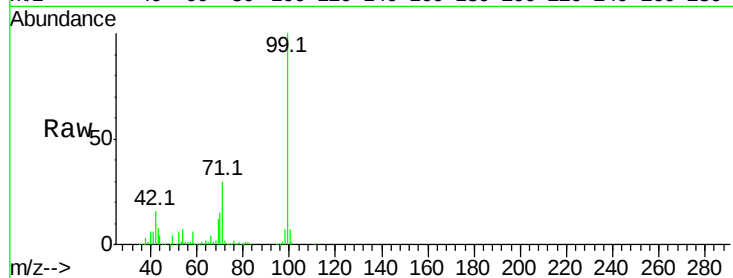
ClientSampleId :

G-66-0-1

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 609538 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.3  | 14.5  | 21.7   |
| 71        | 30.4  | 25.4  | 38.0   |

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#21

Naphthalene-d8

Concen: 20.000 ng

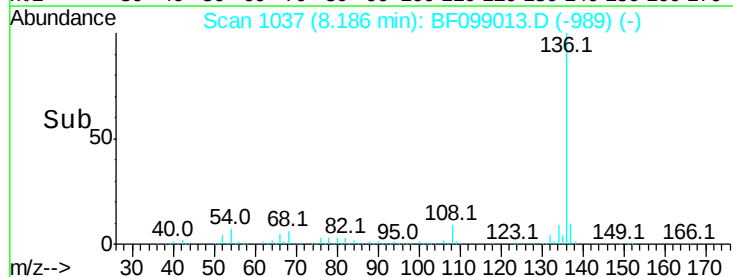
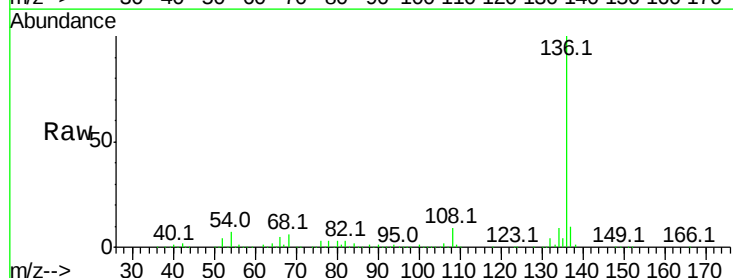
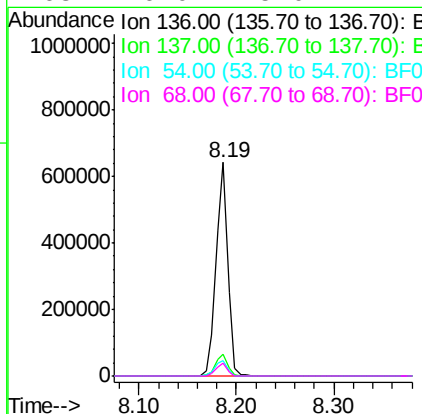
RT: 8.19 min Scan# 1037

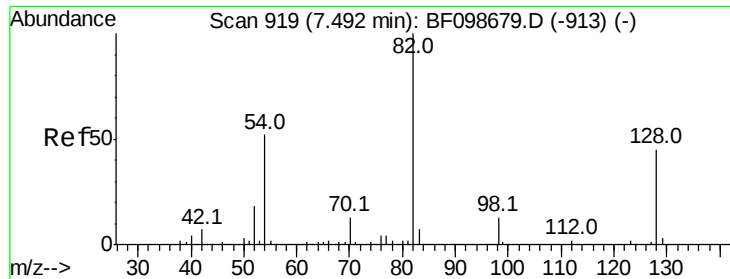
Delta R.T. -0.02 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 537750 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.4  | 8.9   | 13.3   |
| 54        | 7.2   | 6.6   | 9.8    |
| 68        | 6.0   | 5.0   | 7.4    |





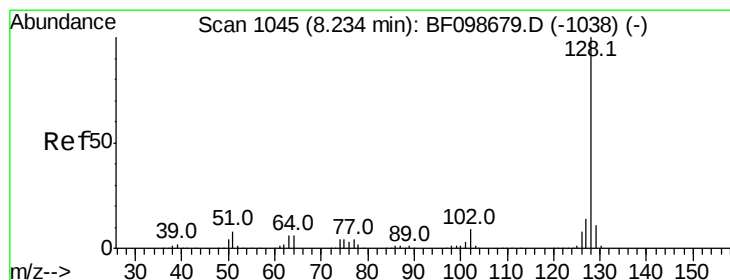
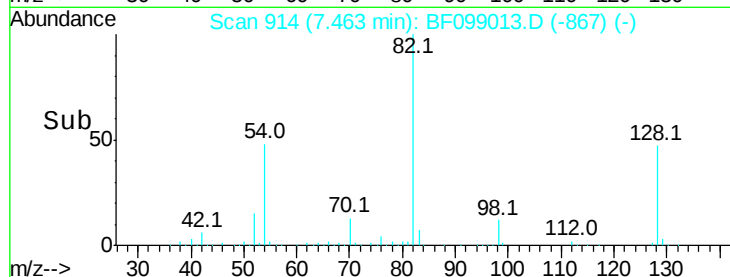
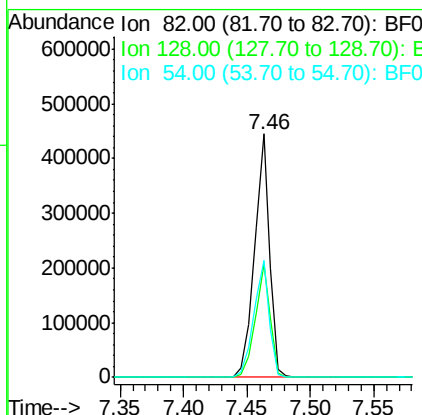
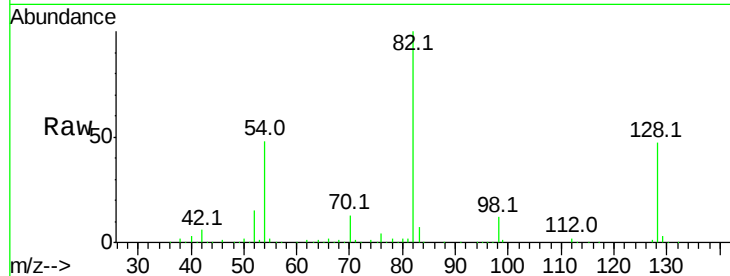
#23  
 Nitrobenzene-d5  
 Concen: 44.559 ng  
 RT: 7.46 min Scan# 914  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

Instrument :  
 BNA\_F  
 ClientSampled :  
 G-66-0-1

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.6  | 36.1 | 54.1  |       |
| 54      | 48.1  | 41.4 | 62.2  |       |

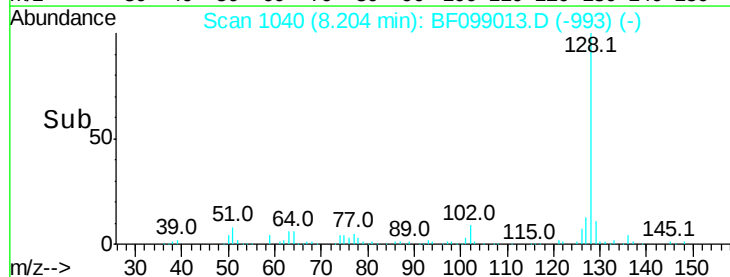
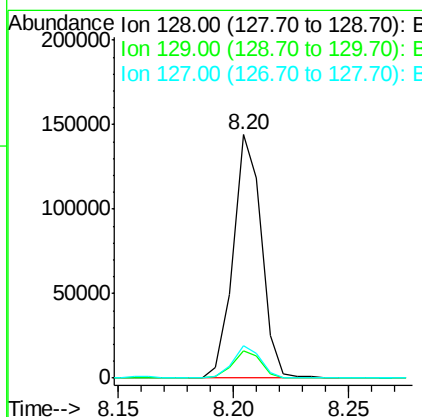
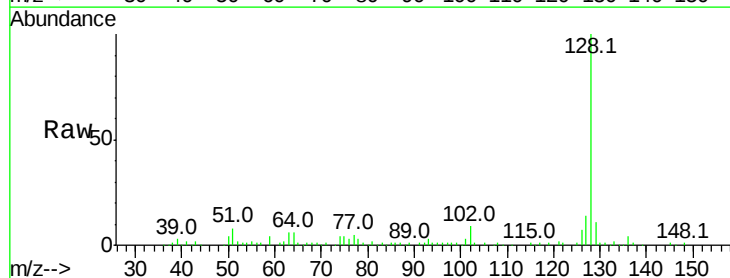
Manual Integrations  
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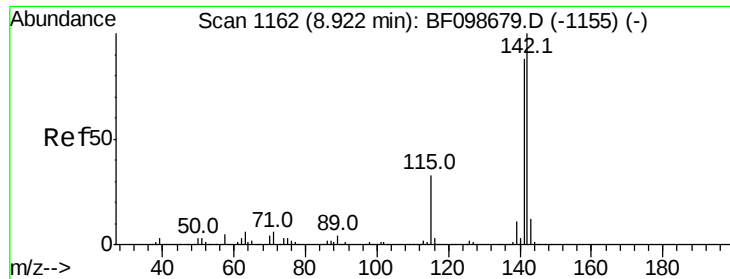
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#31  
 Naphthalene  
 Concen: 4.881 ng  
 RT: 8.20 min Scan# 1040  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.0  | 8.8  | 13.2  |       |
| 127     | 13.5  | 10.9 | 16.3  |       |





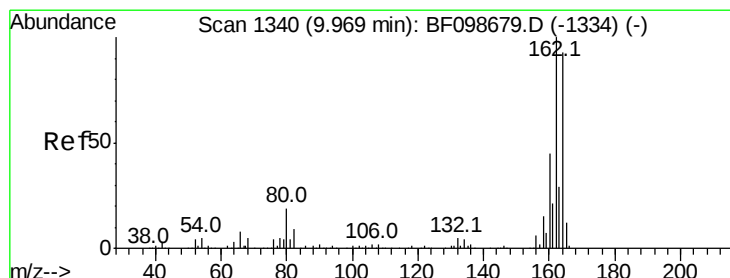
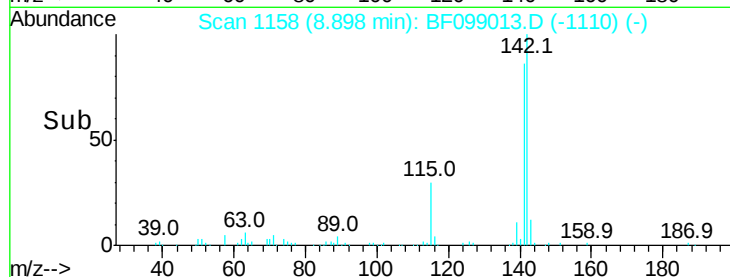
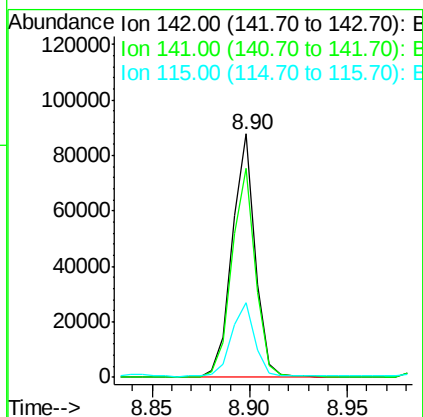
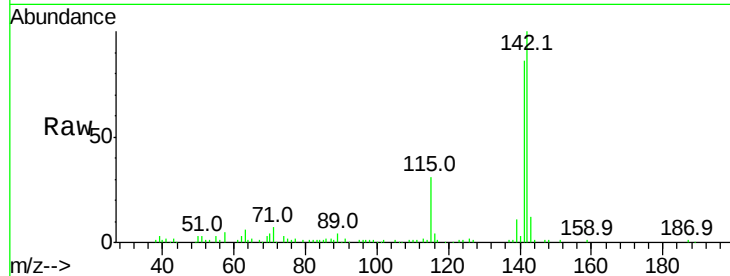
#37  
2-Methylnaphthalene  
Concen: 4.383 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampled :  
G-66-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.7  | 70.8  | 106.2 |
| 115     | 30.7  | 26.1  | 39.1  |

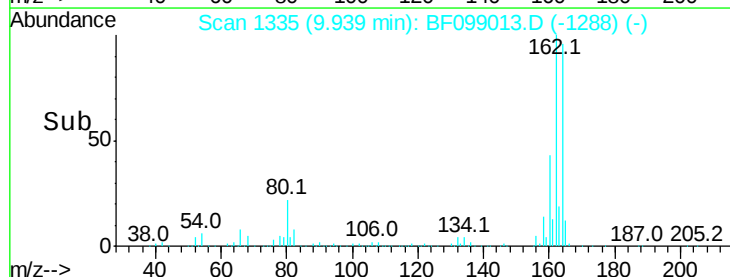
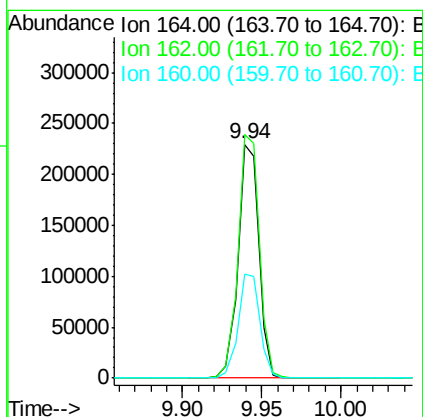
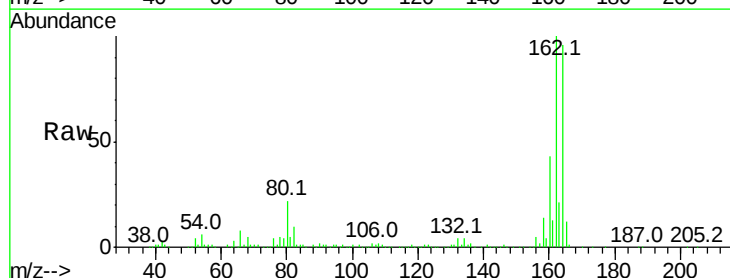
Manual Integrations  
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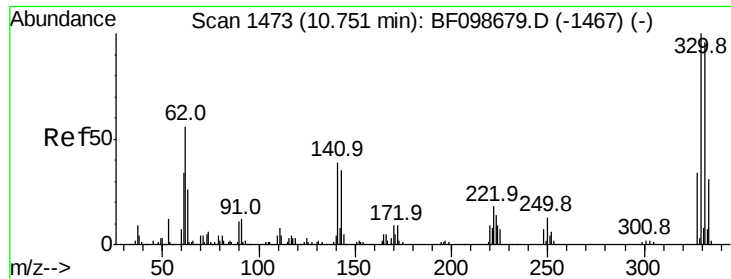
Sohil  
10/3/2017 6:50:58 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 86.1  | 129.1 |
| 160     | 44.7  | 38.3  | 57.5  |





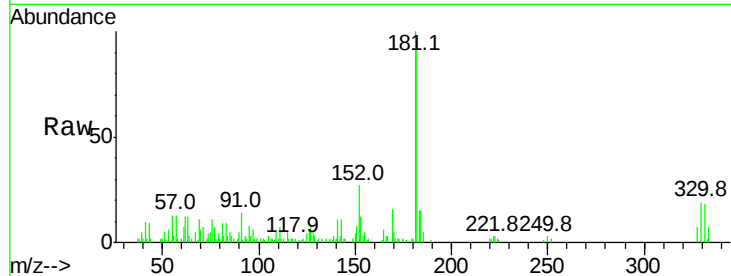
#41  
 2,4,6-Tribromophenol  
 Concen: 2.197 ng  
 RT: 10.73 min Scan# 1469  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

Instrument :  
 BNA\_F  
 ClientSampled :  
 G-66-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.0  | 115.6 |
| 141     | 56.8  | 29.9  | 44.9  |

Manual Integrations  
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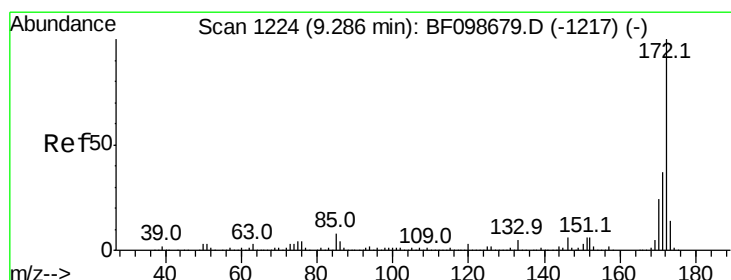
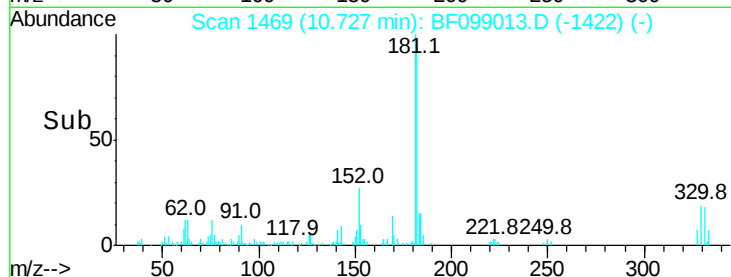
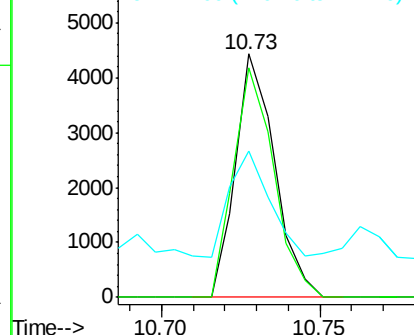


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 54.061 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

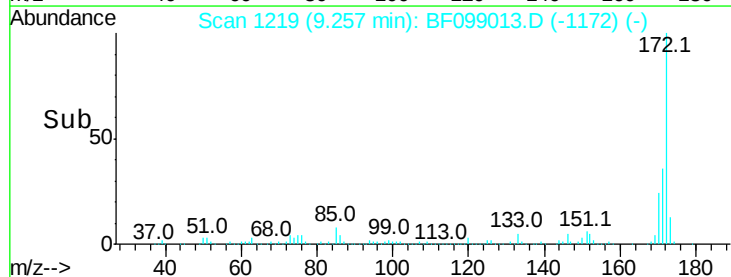
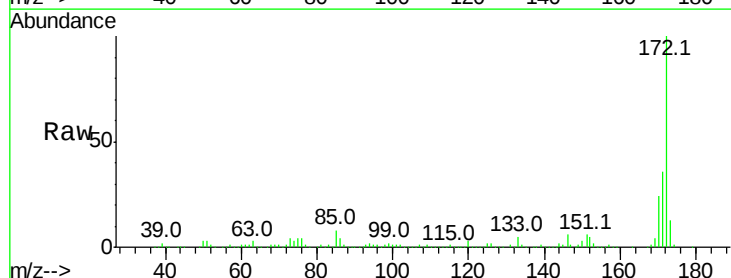
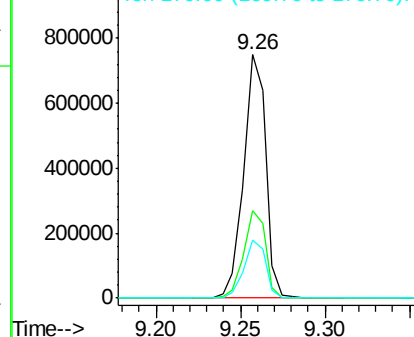
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.7  | 44.5  |
| 170     | 23.7  | 19.6  | 29.4  |

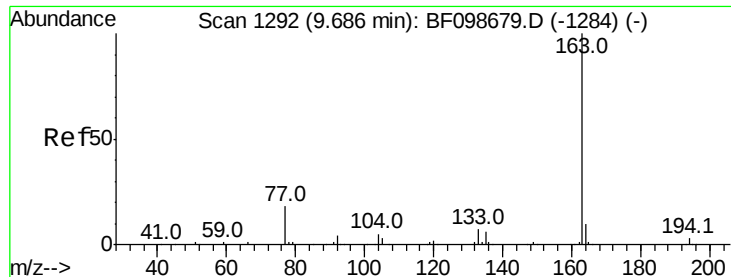
Abundance

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





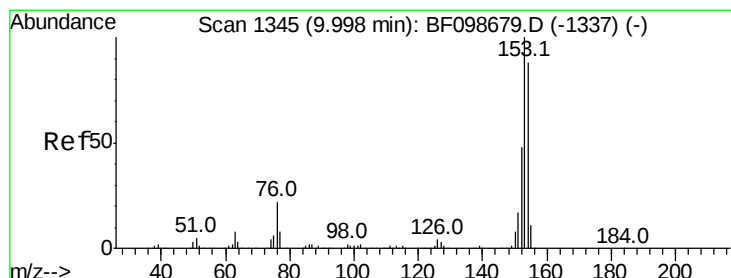
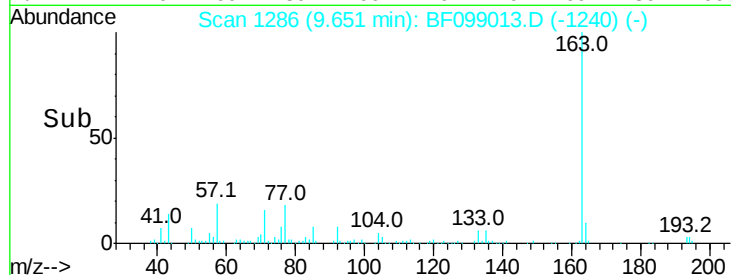
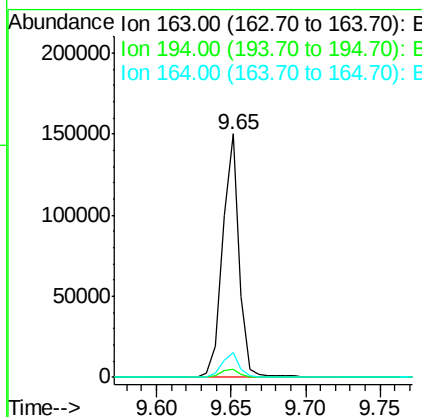
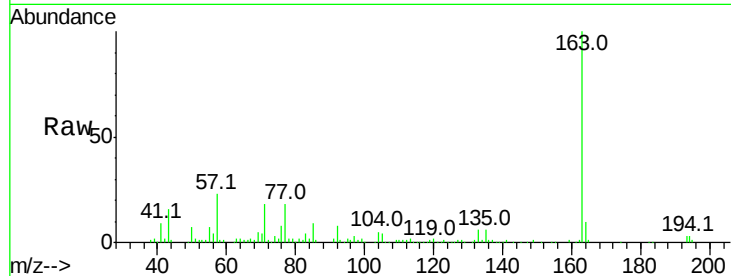
#49  
Dimethylphthalate  
Concen: 7.438 ng  
RT: 9.65 min Scan# 1286  
Delta R.T. -0.03 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.5   | 2.7  | 4.1   |       |
| 164     | 10.1  | 8.2  | 12.2  |       |

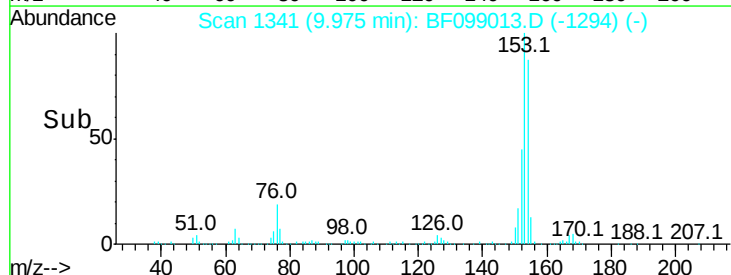
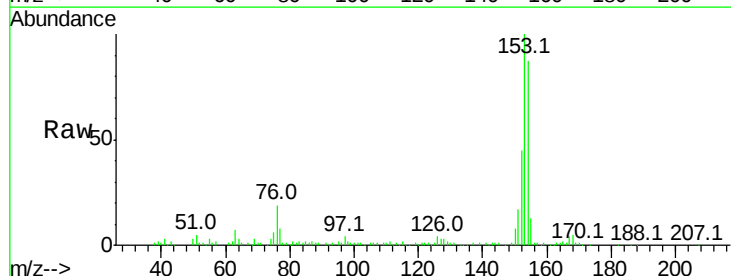
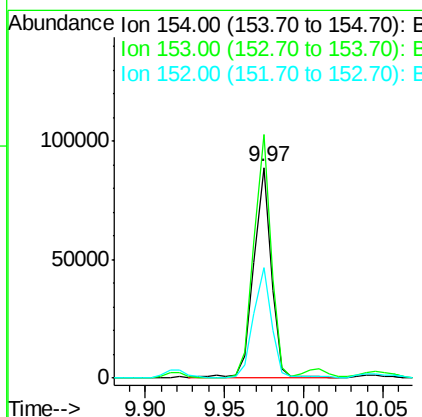
Manual Integrations  
APPROVED

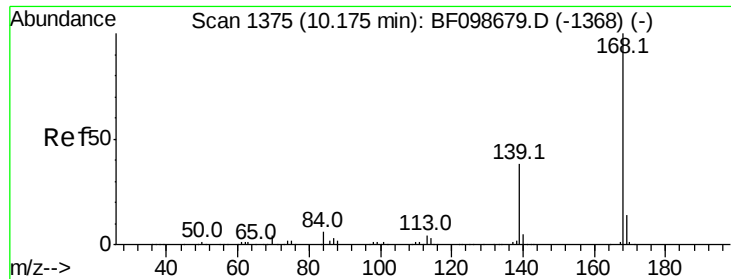
Sohil  
10/3/2017 6:50:58 PM



#51  
Acenaphthene  
Concen: 5.240 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 115.5 | 91.2 | 136.8 |       |
| 152     | 52.5  | 43.8 | 65.8  |       |





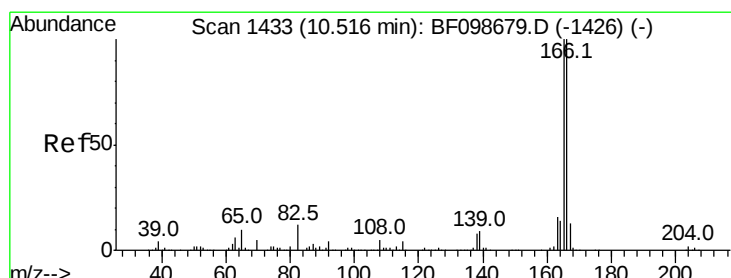
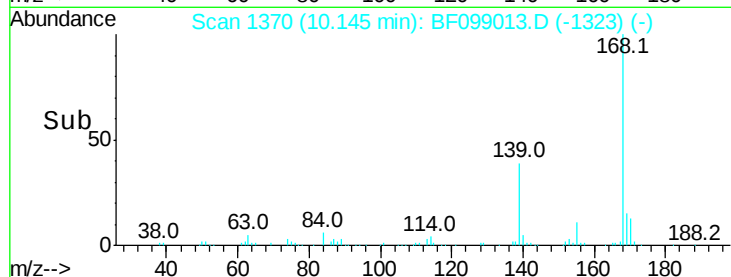
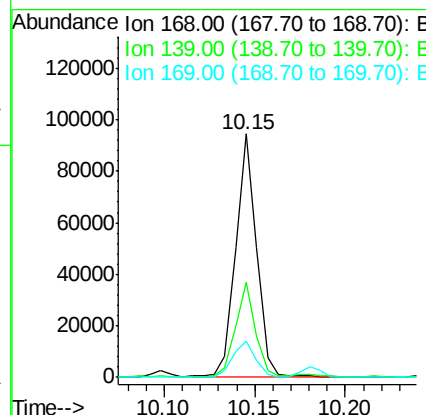
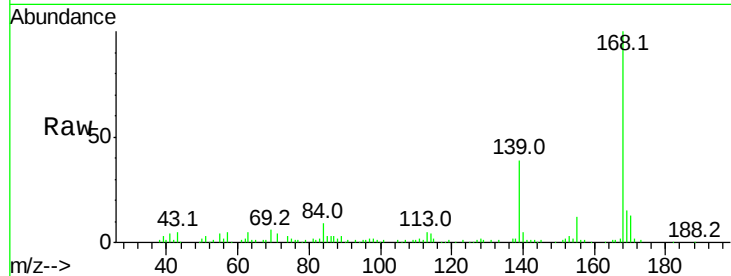
#54  
Dibenzenofuran  
Concen: 4.352 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 30.1  | 45.1  |
| 169     | 14.7  | 10.9  | 16.3  |

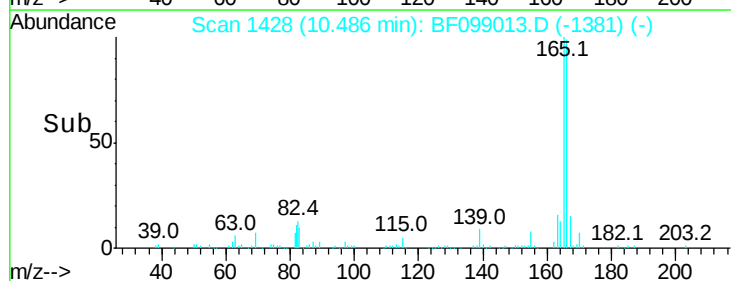
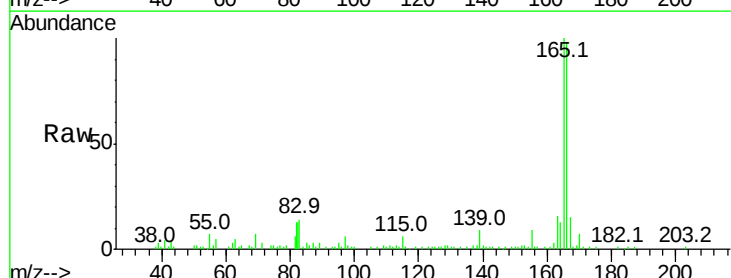
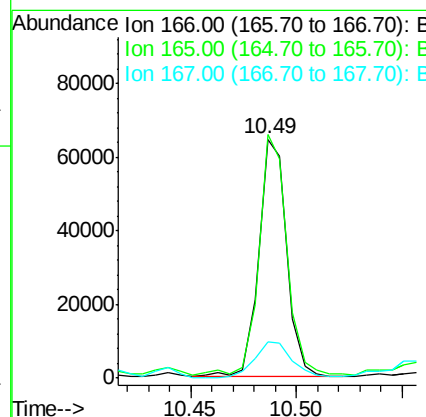
Manual Integrations  
APPROVED

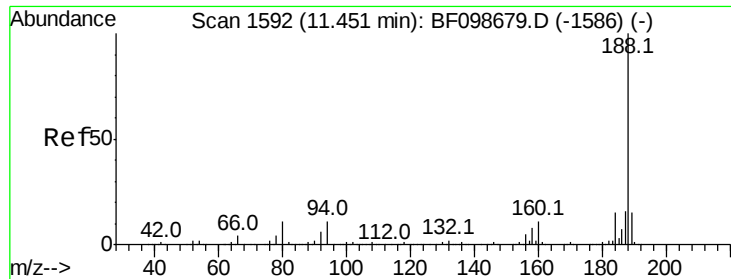
Sohil  
10/3/2017 6:50:58 PM



#57  
Fluorene  
Concen: 4.223 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 102.0 | 79.8  | 119.8 |
| 167     | 15.2  | 10.6  | 16.0  |





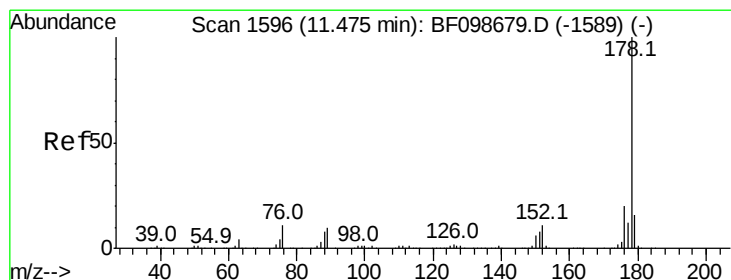
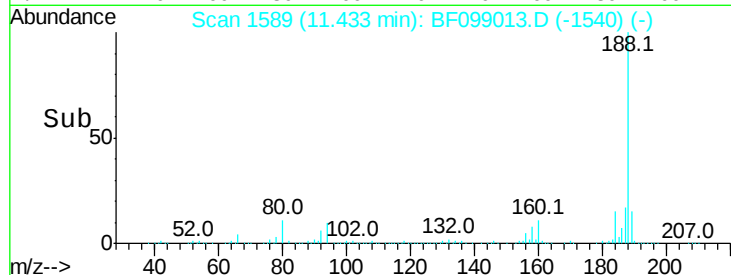
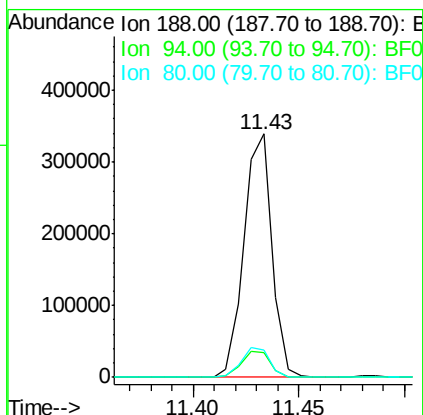
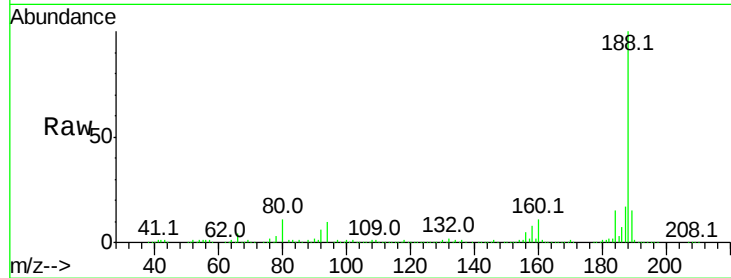
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 10.1  | 8.5  | 12.7  |       |
| 80      | 11.1  | 9.2  | 13.8  |       |

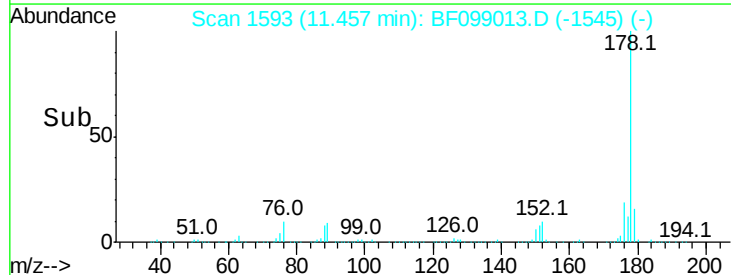
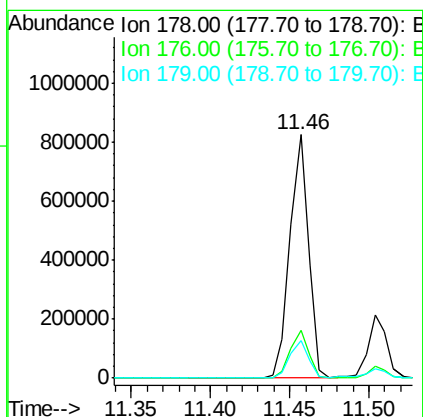
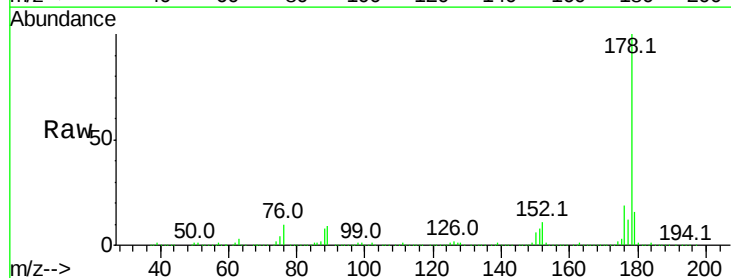
Manual Integrations  
APPROVED

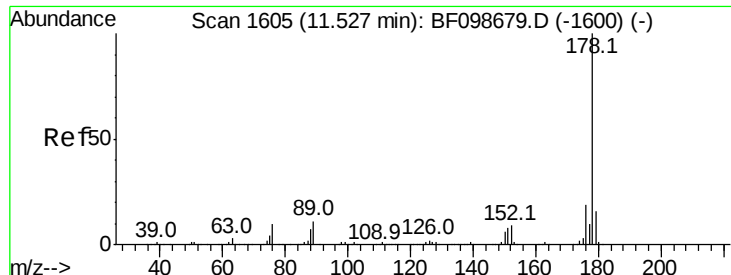
Sohil  
10/3/2017 6:50:58 PM



#70  
Phenanthrene  
Concen: 40.487 ng  
RT: 11.46 min Scan# 1593  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 178     | 100   |      |       |       |
| 176     | 19.4  | 15.8 | 23.8  |       |
| 179     | 15.7  | 13.0 | 19.6  |       |





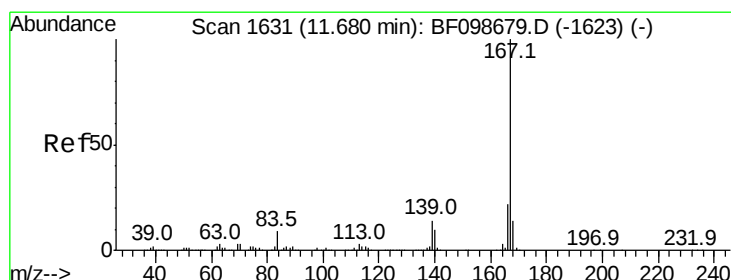
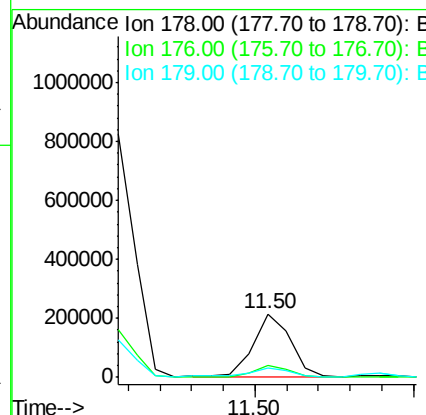
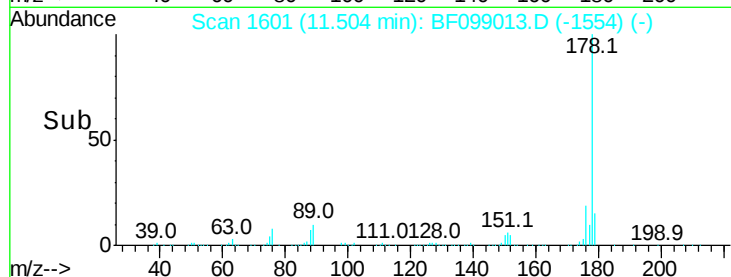
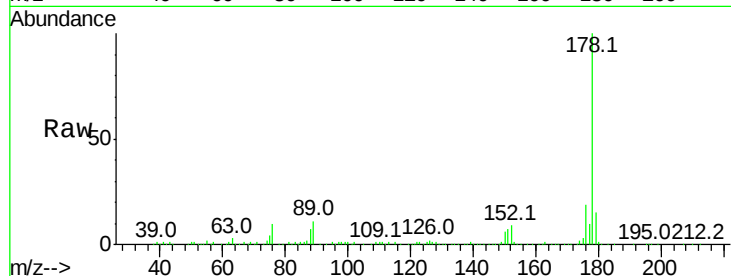
#71  
 Anthracene  
 Concen: 10.153 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-66-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.4  | 23.2  |
| 179     | 15.3  | 12.6  | 19.0  |

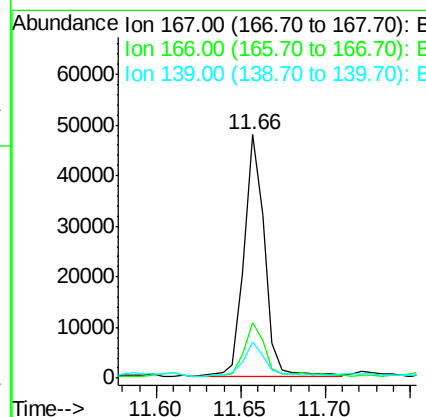
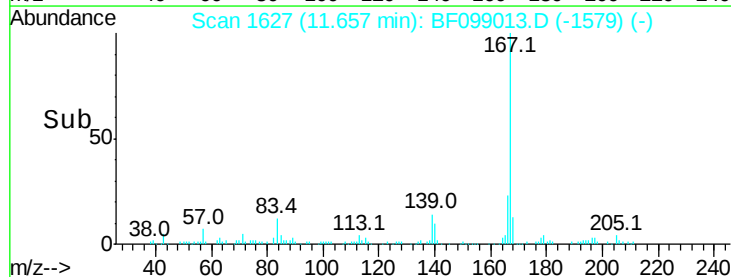
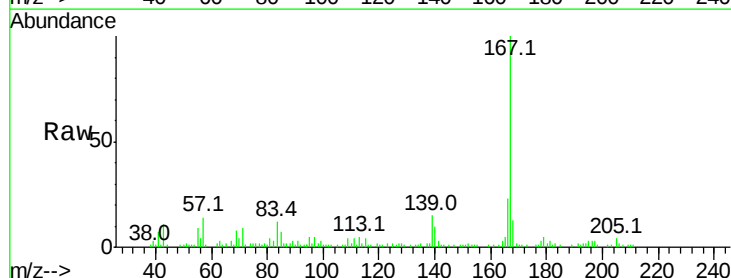
Manual Integrations  
 APPROVED

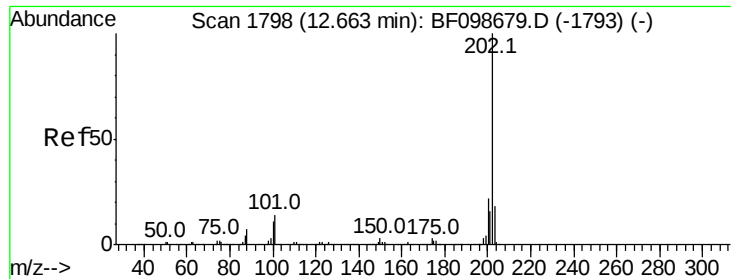
Sohil  
 10/3/2017 6:50:58 PM



#72  
 Carbazole  
 Concen: 2.397 ng  
 RT: 11.66 min Scan# 1627  
 Delta R.T. -0.02 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 17.6  | 26.4  |
| 139     | 15.0  | 10.9  | 16.3  |





#74

Fluoranthene

Concen: 47.382 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

Instrument :

BNA\_F

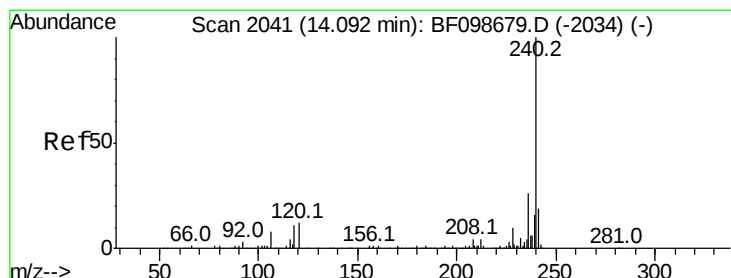
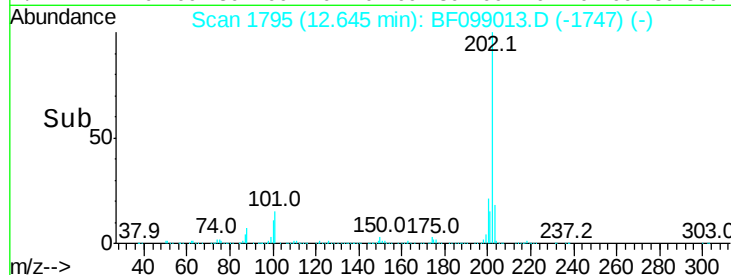
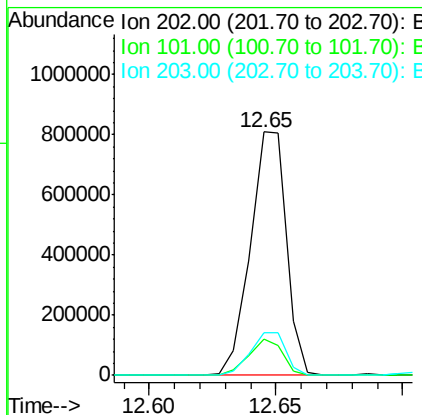
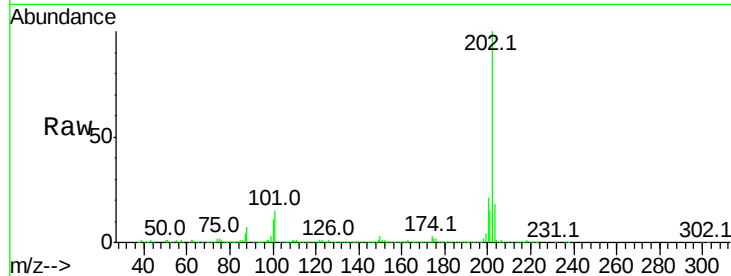
ClientSampled :

G-66-0-1

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 800845 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 14.8 | 0.0   | 34.1   |
| 203       | 17.6 | 0.0   | 38.1   |

Manual Integrations  
APPROVED

Sohil  
10/3/2017 6:50:58 PM



#75

Chrysene-d12

Concen: 20.000 ng

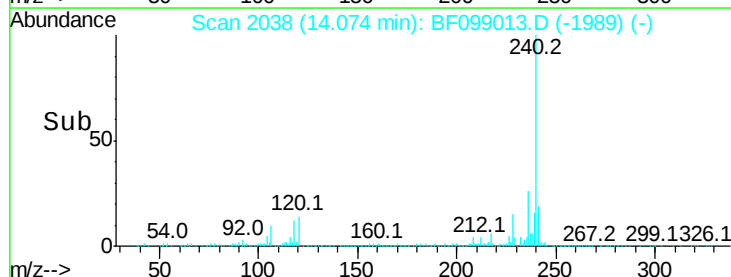
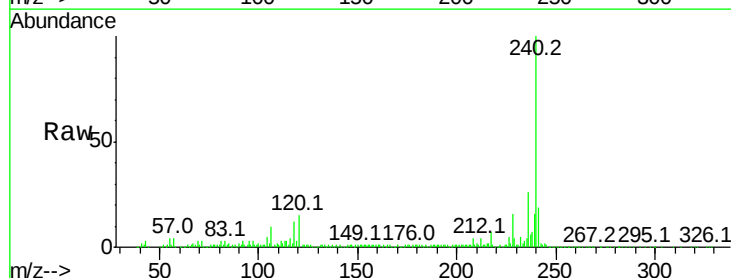
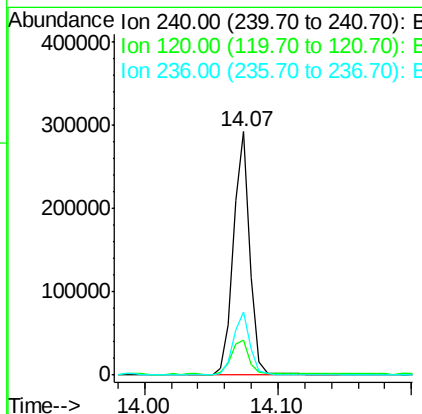
RT: 14.07 min Scan# 2038

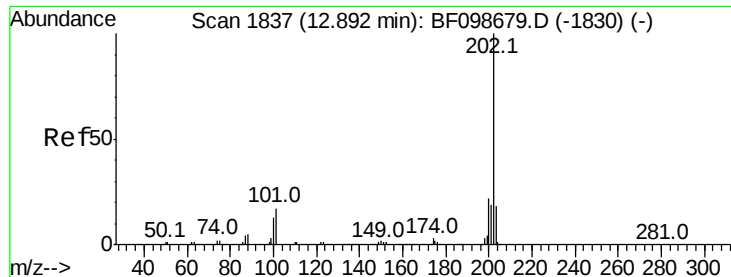
Delta R.T. -0.01 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 249485 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 14.5 | 9.5   | 14.3#  |
| 236       | 25.8 | 20.7  | 31.1   |





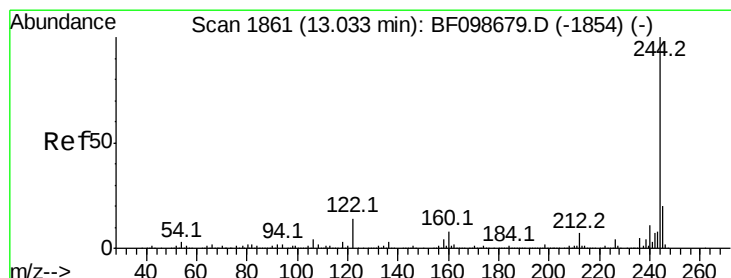
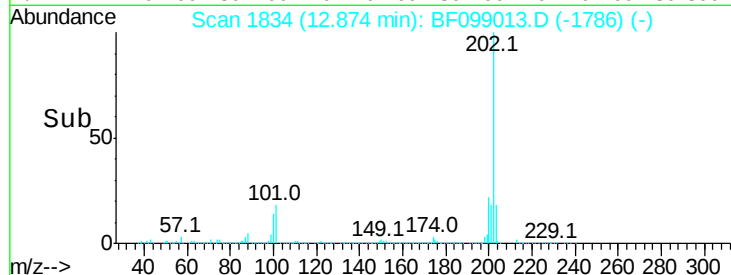
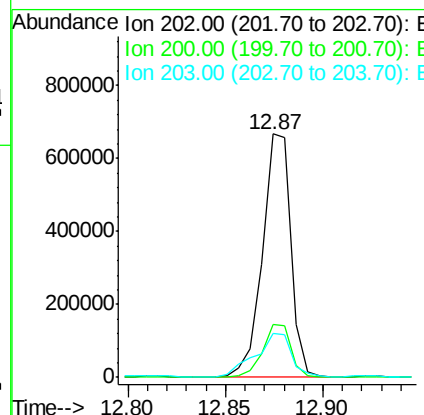
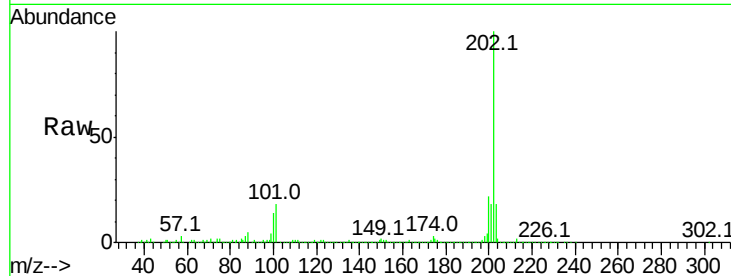
#77  
Pvrene  
Concen: 35.386 ng  
RT: 12.87 min Scan# 1834  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.8  | 17.4       | 26.2  |
| 203     | 18.3  | 14.3       | 21.5  |

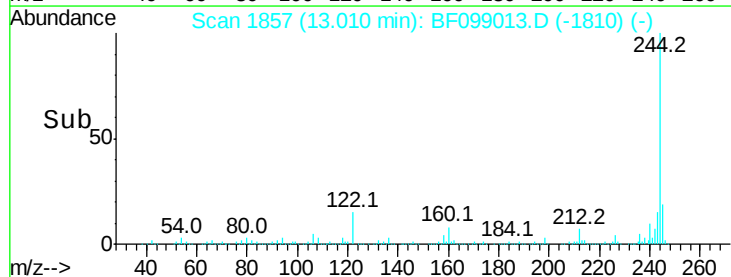
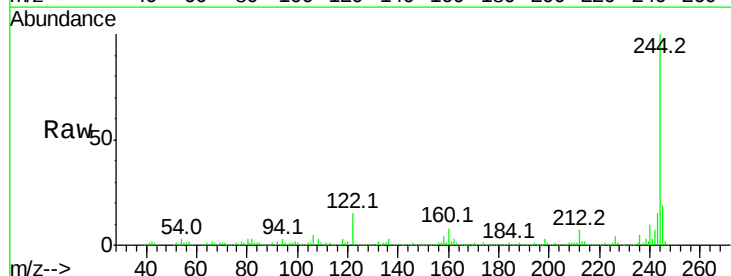
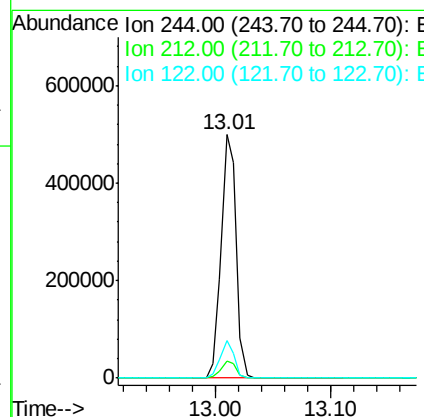
Manual Integrations  
APPROVED

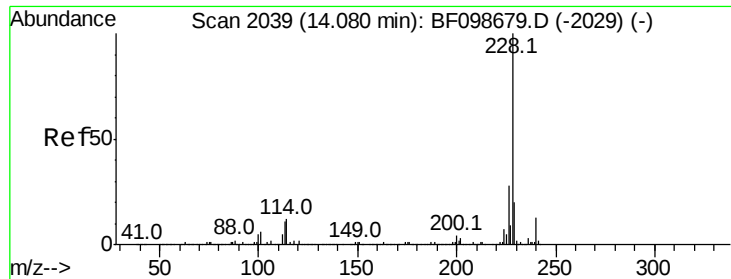
Sohil  
10/3/2017 6:50:58 PM



#78  
Terphenyl-d14  
Concen: 40.863 ng  
RT: 13.01 min Scan# 1857  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.8   | 5.4        | 8.0   |
| 122     | 15.4  | 11.0       | 16.4  |





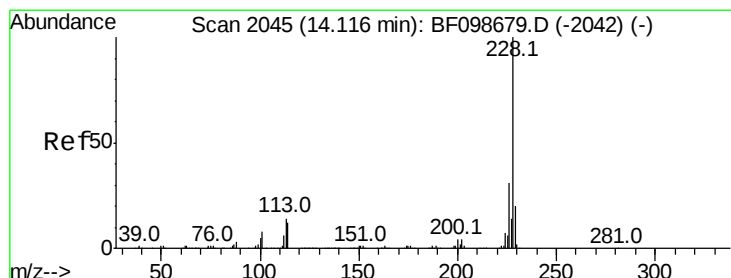
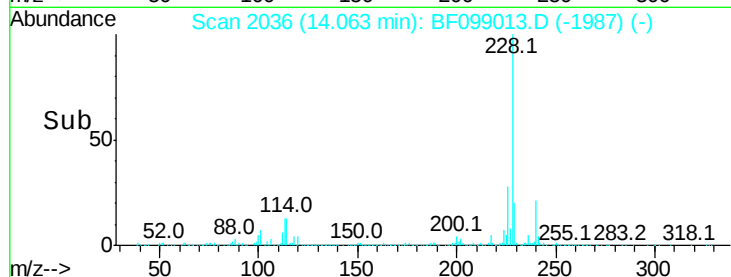
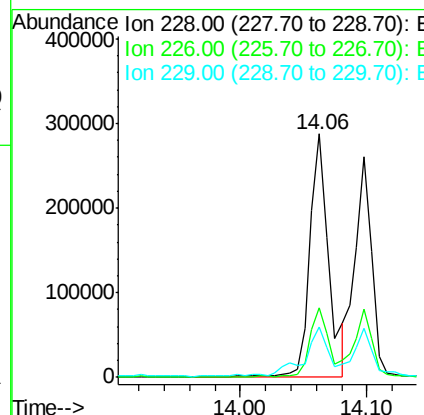
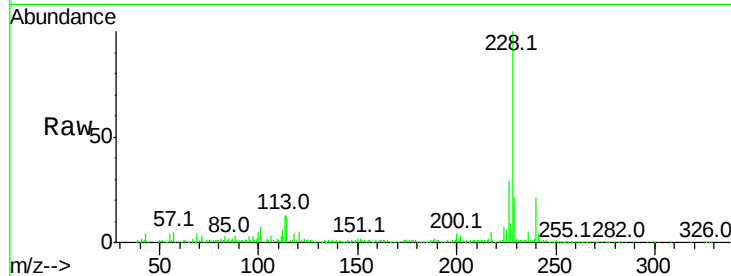
#80  
Benzo(a)anthracene  
Concen: 19.505 ng  
RT: 14.06 min Scan# 2036  
Delta R.T. -0.01 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

Instrument :  
BNA\_F  
ClientSampleId :  
G-66-0-1

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 294661 |       |       |
| 226     | 28.7  |        | 22.6  | 33.8  |
| 229     | 20.6  |        | 15.8  | 23.6  |

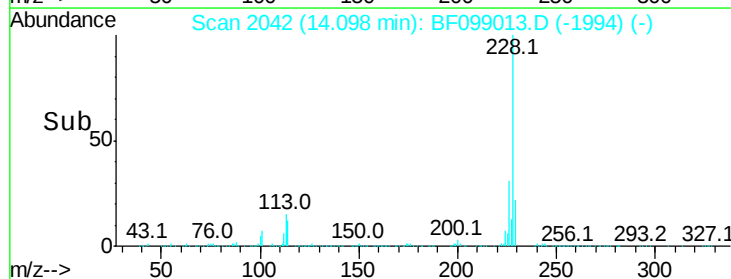
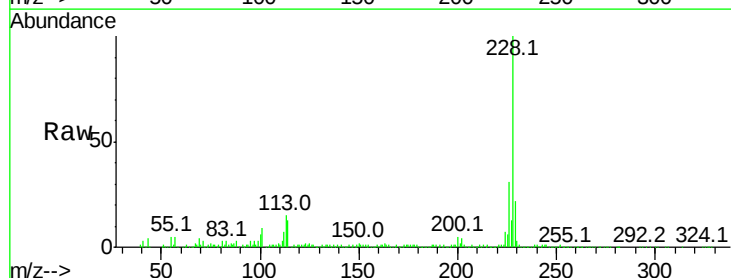
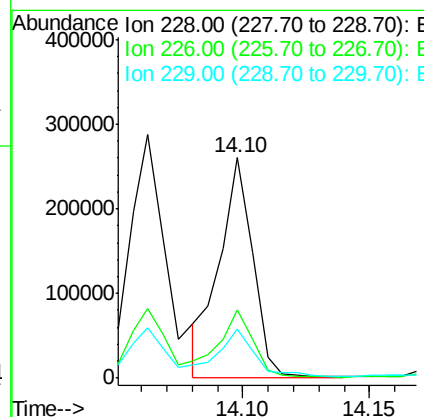
Manual Integrations  
APPROVED

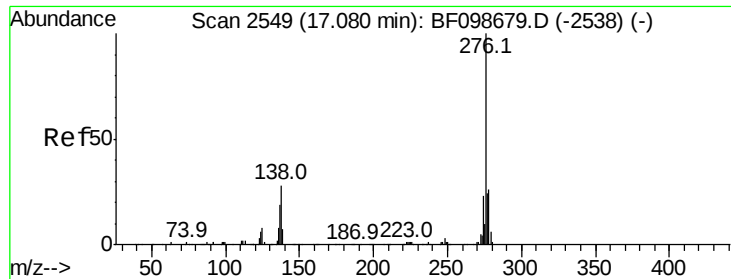
Sohil  
10/3/2017 6:50:58 PM



#82  
Chrysene  
Concen: 16.644 ng  
RT: 14.10 min Scan# 2042  
Delta R.T. -0.02 min  
Lab File: BF099013.D  
Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 239389 |       |       |
| 226     | 30.9  |        | 25.0  | 37.6  |
| 229     | 22.4  |        | 16.2  | 24.4  |





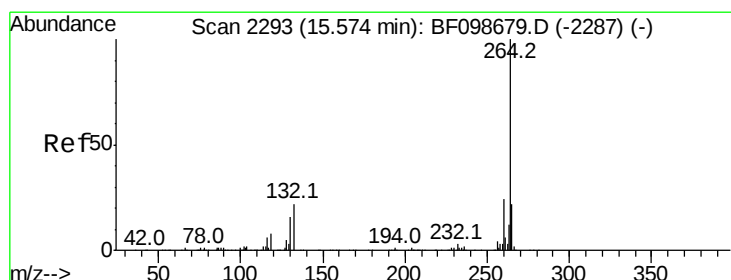
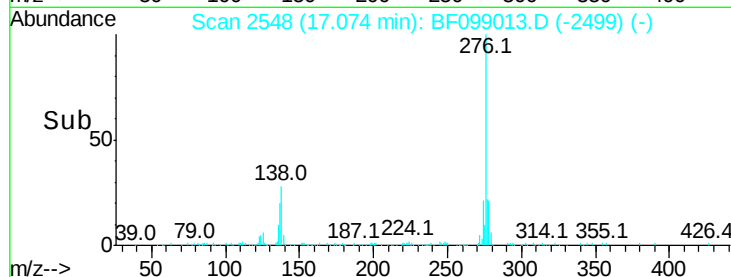
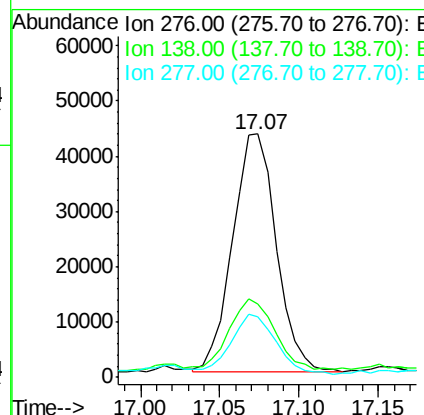
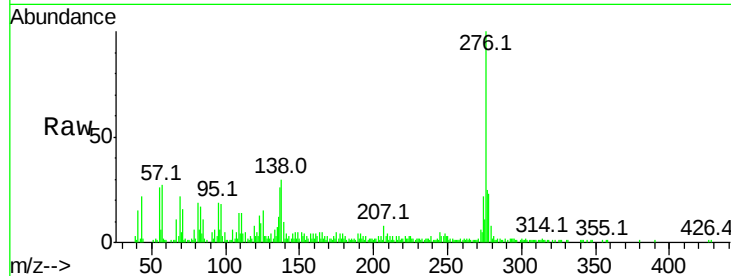
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 7.175 ng  
 RT: 17.07 min Scan# 2548  
 Delta R.T. -0.01 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-66-0-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.1  | 25.0  | 37.6  |
| 277     | 25.5  | 20.1  | 30.1  |

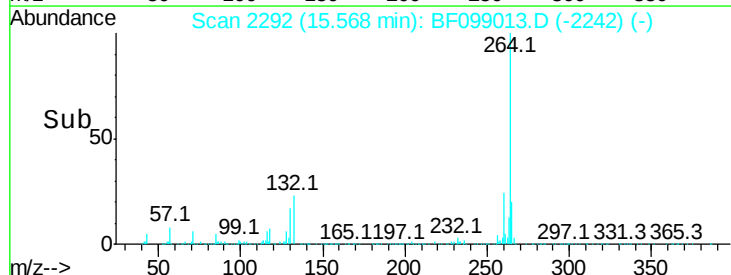
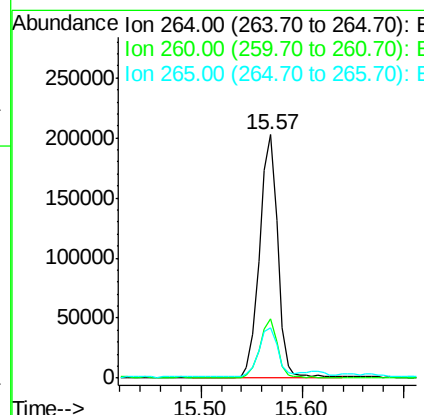
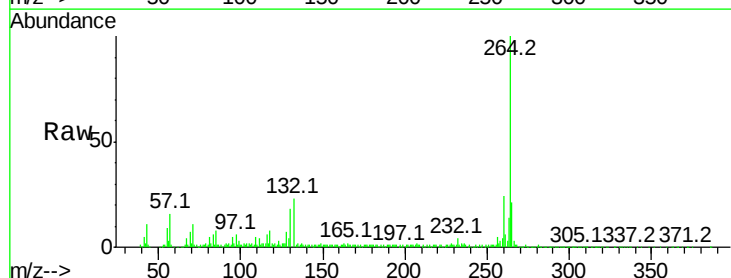
Manual Integrations  
 APPROVED

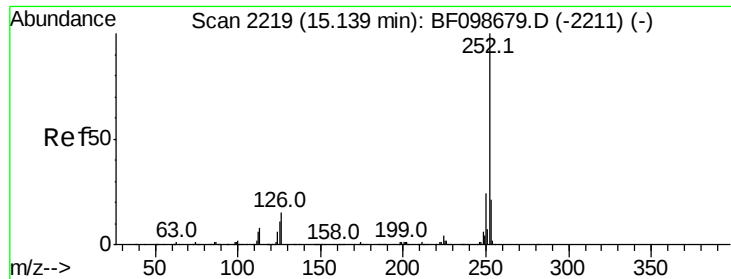
Sohil  
 10/3/2017 6:50:58 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.57 min Scan# 2292  
 Delta R.T. -0.01 min  
 Lab File: BF099013.D  
 Acq: 2 Oct 2017 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.2  | 28.8  |
| 265     | 20.8  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 20.572 ng m

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

Instrument :

BNA\_F

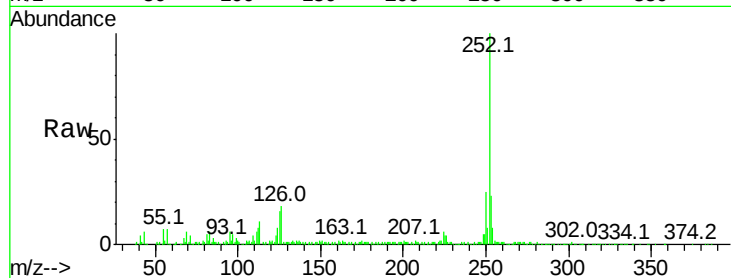
ClientSampled :

G-66-0-1

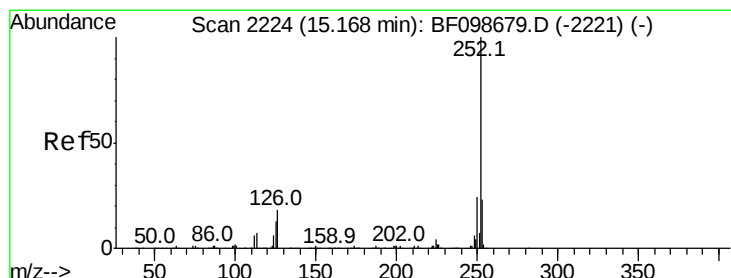
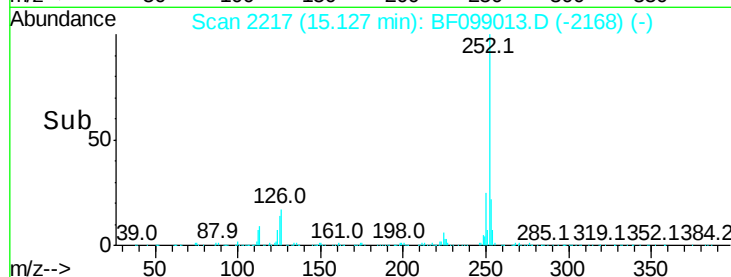
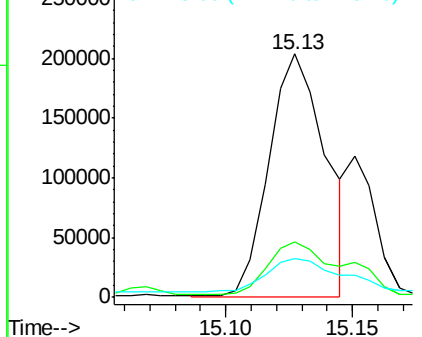
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 318939 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 17.0  | 25.6   |
| 125       | 16.2  | 9.0   | 13.6#  |

Manual Integrations  
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Sohil  
10/3/2017 6:50:58 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: 6.183 ng m

RT: 15.15 min Scan# 2221

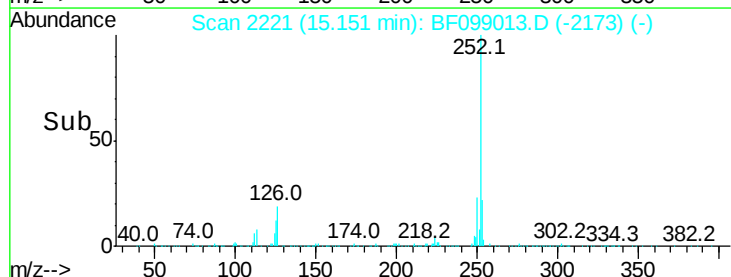
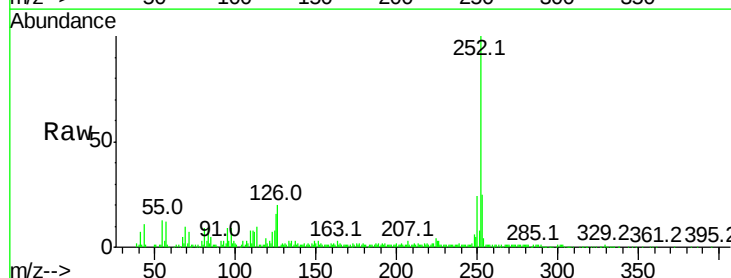
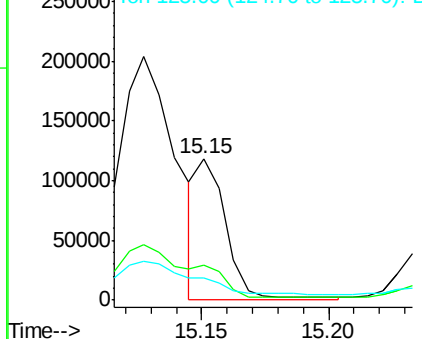
Delta R.T. -0.02 min

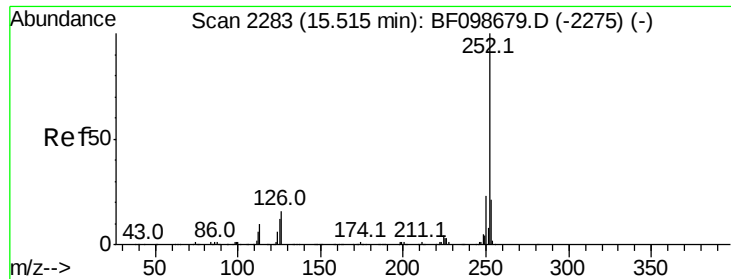
Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 94685 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 24.6  | 17.9  | 26.9  |
| 125       | 16.0  | 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: 12.645 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

Instrument :

BNA\_F

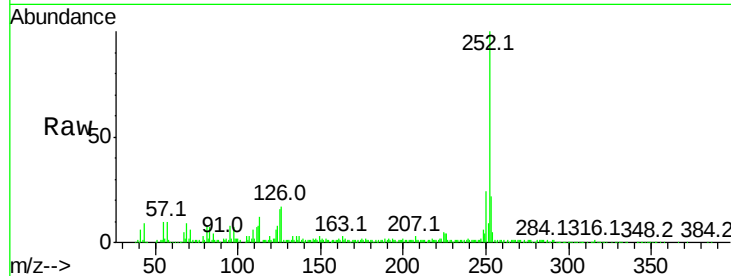
ClientSampled :

G-66-0-1

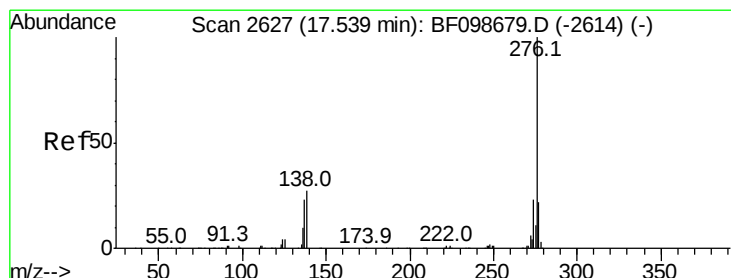
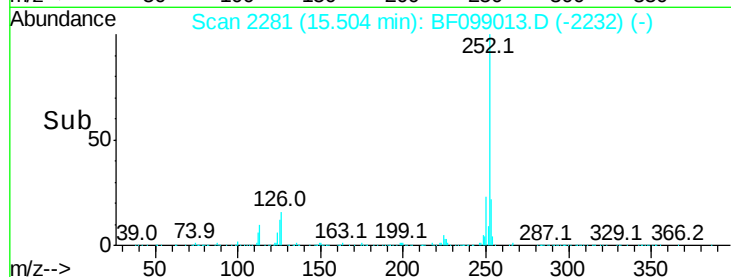
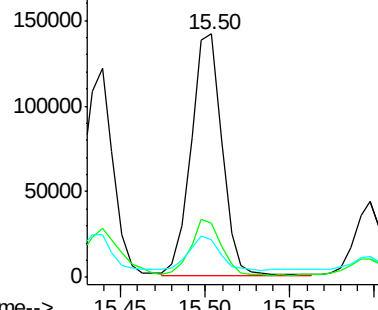
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 179957 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.1  | 25.7   |
| 125       | 15.6  | 9.8   | 14.6#  |

Manual Integrations  
APPROVED

Sohil  
10/3/2017 6:50:58 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



#91

Benzo(g,h,i)perylene

Concen: 6.621 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF099013.D

Acq: 2 Oct 2017 21:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 74539 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.0  | 17.9  | 26.9  |
| 138       | 33.2  | 21.8  | 32.8# |

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

