

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\  
 Data File : BF103794.D  
 Acq On : 20 Mar 2018 9:29  
 Operator : JU/SJ  
 Sample : J1973-02  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2

Manual Integrations  
 APPROVED

Sohil  
 3/20/2018 6:27:58 PM

Quant Time: Mar 20 11:04:23 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 15 18:31:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 145092   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.25  | 136  | 554735   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.01 | 164  | 230372   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.50 | 188  | 360528   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.16 | 240  | 276579   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.70 | 264  | 261730   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 799164   | 83.78  | ng    | 0.02     |
| 7) Phenol-d6                | 6.59  | 99   | 1059720  | 90.80  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 641764   | 80.68  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 123035   | 62.12  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.33  | 172  | 745229   | 51.60  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.09 | 244  | 537768   | 45.13  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 9) Benzaldehyde             | 6.52  | 77   | 18921    | 2.468  | ng    | 91       |
| 10) Phenol                  | 6.60  | 94   | 32726    | 2.639  | ng    | 91       |
| 31) Naphthalene             | 8.27  | 128  | 140986   | 5.031  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.96  | 142  | 99187    | 5.582  | ng    | 99       |
| 48) Acenaphthylene          | 9.87  | 152  | 168573   | 7.125  | ng    | 99       |
| 49) Dimethylphthalate       | 9.72  | 163  | 119044   | 6.773  | ng    | # 98     |
| 51) Acenaphthene            | 10.05 | 154  | 64736m   | 4.608  | ng    |          |
| 57) Fluorene                | 10.56 | 166  | 71244    | 4.576  | ng    | 98       |
| 70) Phenanthrene            | 11.53 | 178  | 393711   | 19.963 | ng    | 98       |
| 71) Anthracene              | 11.58 | 178  | 233063   | 11.635 | ng    | 98       |
| 74) Fluoranthene            | 12.73 | 202  | 540217   | 26.588 | ng    | 98       |
| 77) Pyrene                  | 12.96 | 202  | 582767   | 28.691 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.15 | 228  | 358133m  | 20.456 | ng    |          |
| 82) Chrysene                | 14.19 | 228  | 345429   | 20.698 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.27 | 276  | 142216   | 9.758  | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 15.24 | 252  | 342585m  | 20.718 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.27 | 252  | 131636m  | 8.282  | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 308938   | 20.599 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 17.29 | 278  | 45235    | 3.483  | ng    | # 90     |
| 91) Benzo(a,h,i)perylene    | 17.76 | 276  | 141293   | 11.184 | ng    | 95       |

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

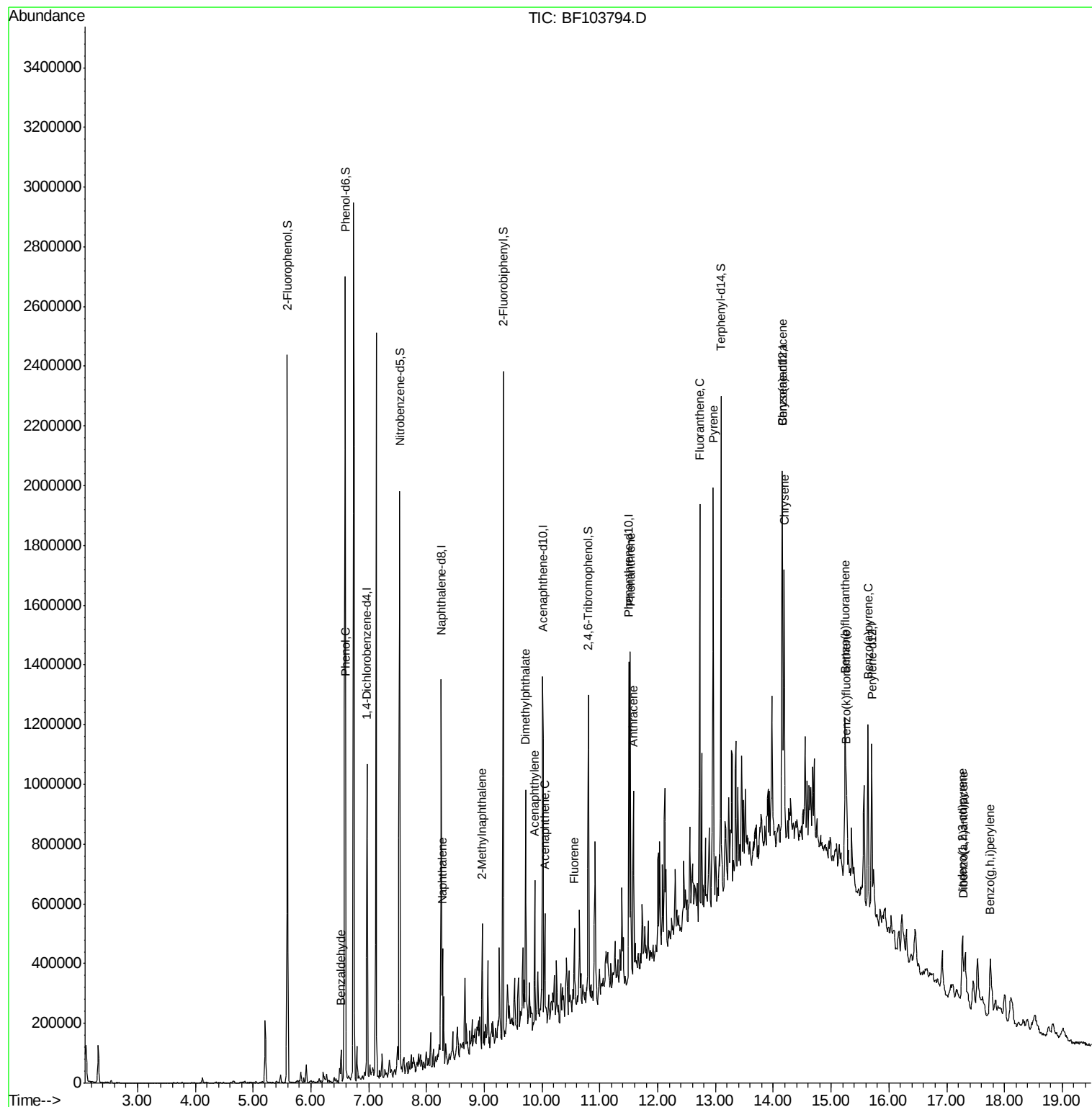
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\  
Data File : BF103794.D  
Acq On : 20 Mar 2018 9:29  
Operator : JU/SJ  
Sample : J1973-02  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

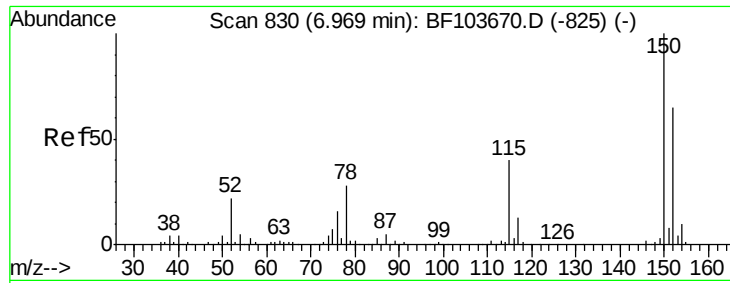
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

Manual Integrations  
APPROVED

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3/20/2018 6:27:58 PM

Quant Time: Mar 20 11:04:23 2018  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 15 18:31:53 2018  
Response via : Initial Calibration





#1

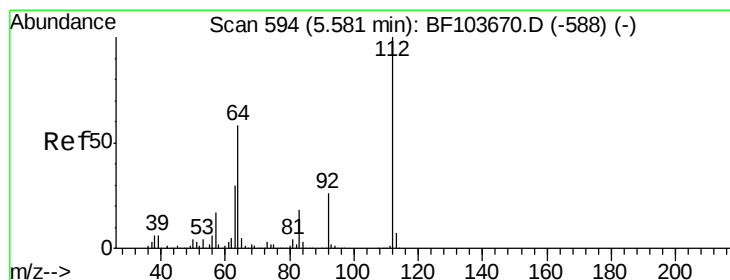
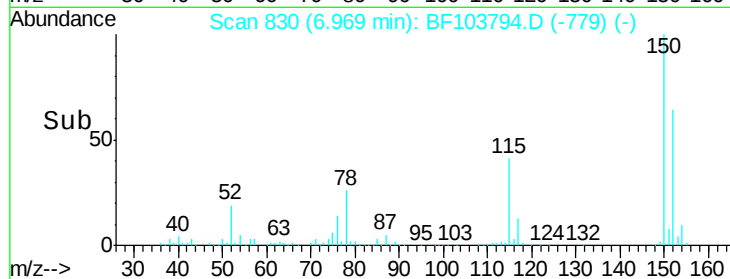
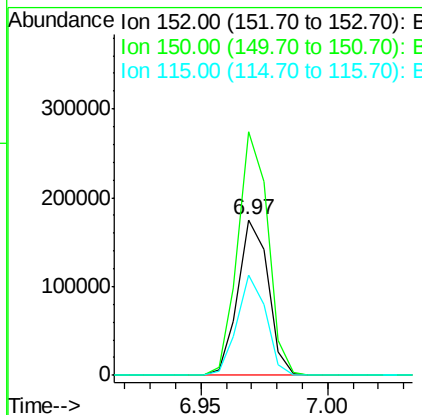
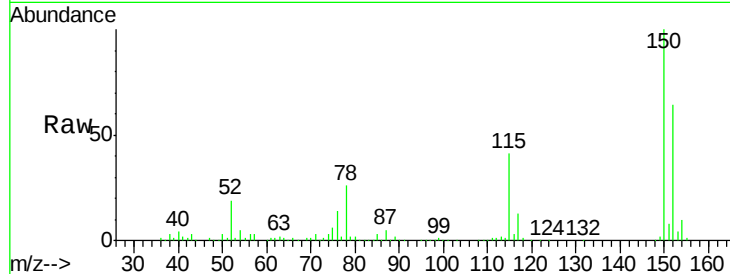
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

Instrument :  
 BNA\_F  
 ClientSampled :  
 COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 124.6 | 186.8 |
| 115     | 64.5  | 50.1  | 75.1  |

Manual Integrations  
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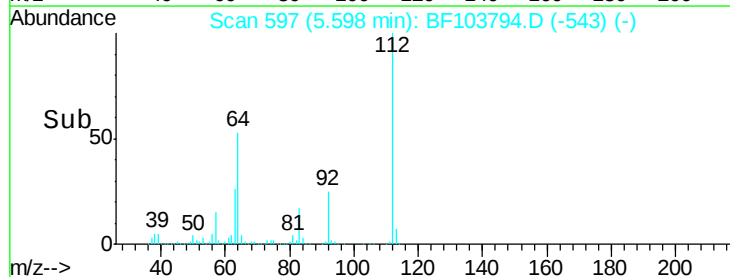
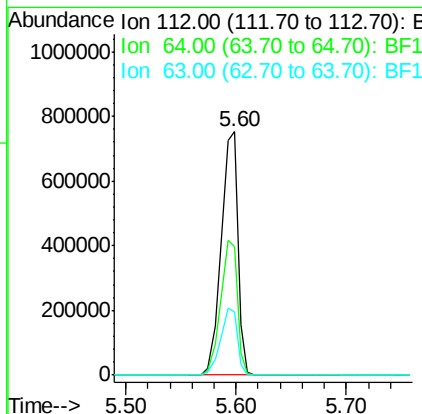
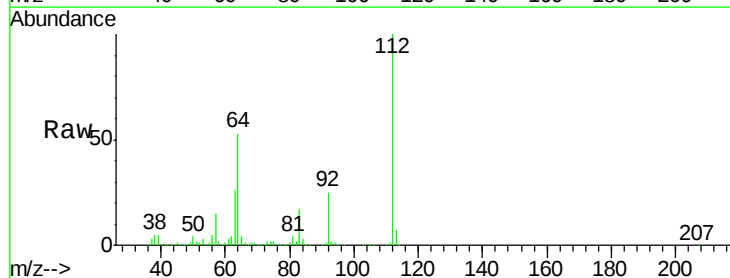
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#5

2-Fluorophenol  
 Concen: 83.776 ng  
 RT: 5.60 min Scan# 597  
 Delta R.T. 0.02 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.9  | 47.9  | 71.9  |
| 63      | 26.0  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 90.802 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

Instrument :

BNA\_F

ClientSampled :

COMP-2

Tot Ion: 99 Resp: 1059720

Ion Ratio Lower Upper

99 100

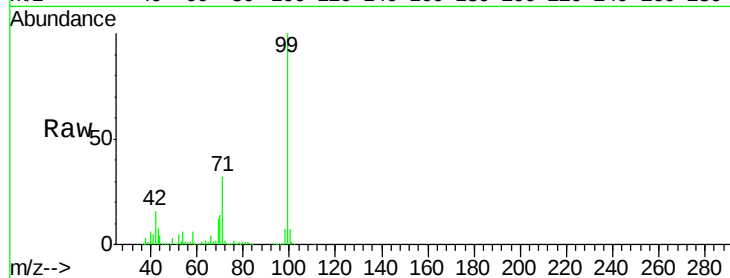
42 15.5 14.5 21.7

71 32.3 25.4 38.0

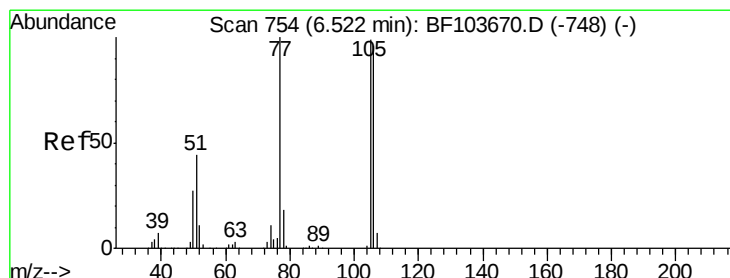
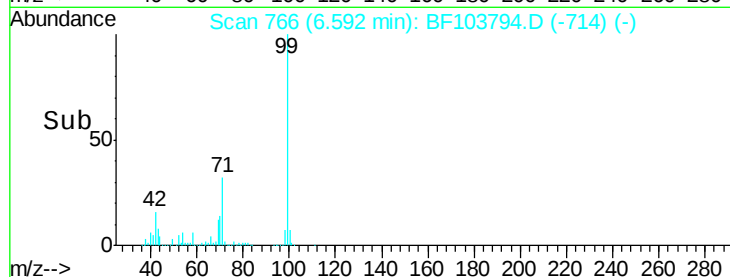
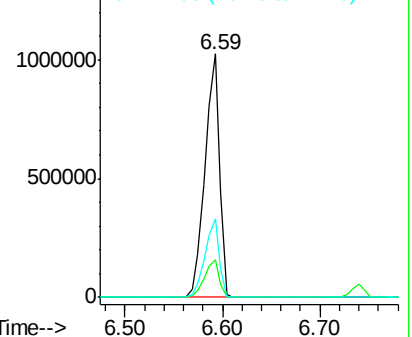
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.468 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

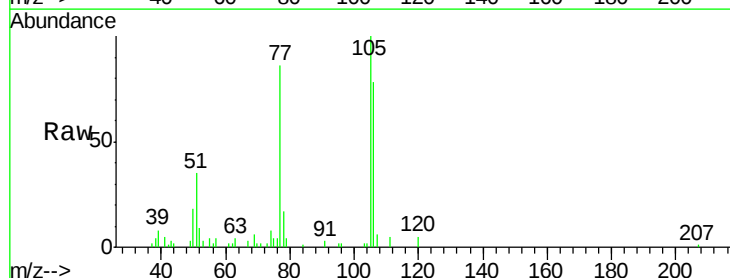
Tgt Ion: 77 Resp: 18921

Ion Ratio Lower Upper

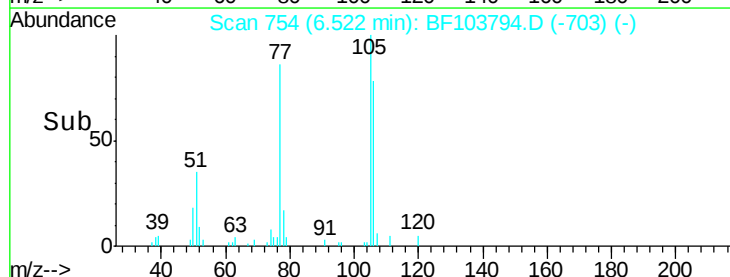
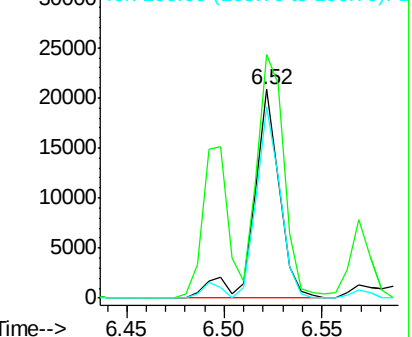
77 100

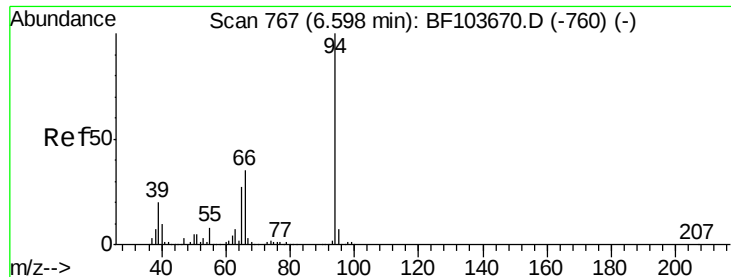
105 116.8 81.1 121.1

106 91.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1





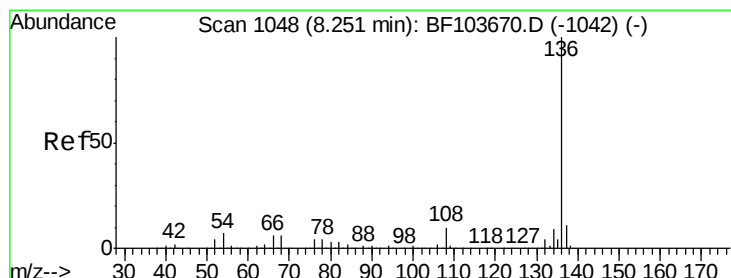
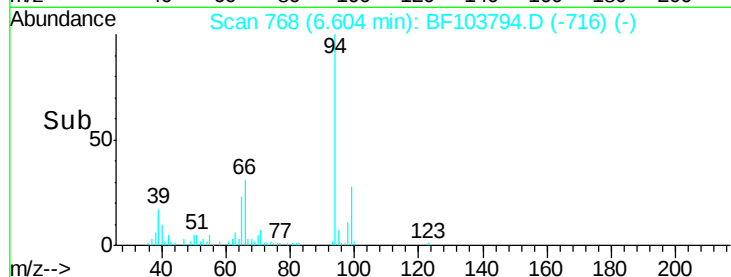
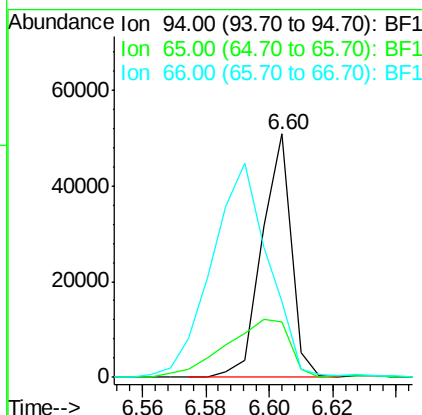
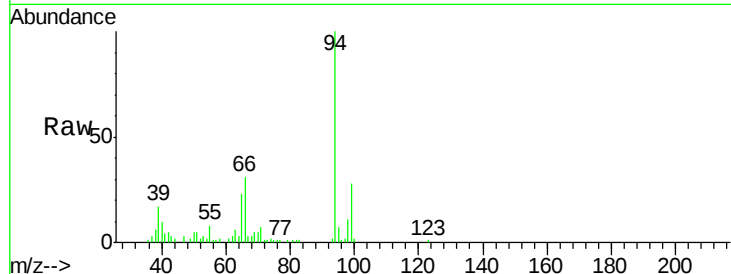
#10  
Phenol  
Concen: 2.639 ng  
RT: 6.60 min Scan# 768  
Delta R.T. 0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 23.0  | 7.9   | 47.9  |
| 66      | 31.4  | 16.2  | 56.2  |

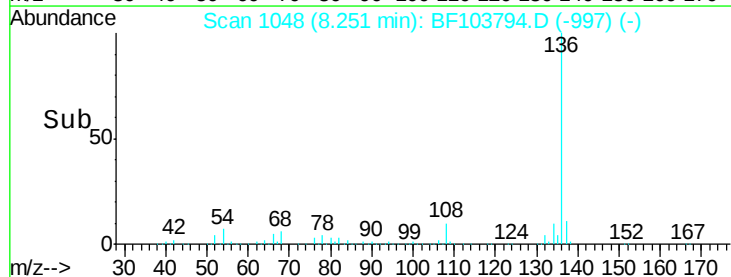
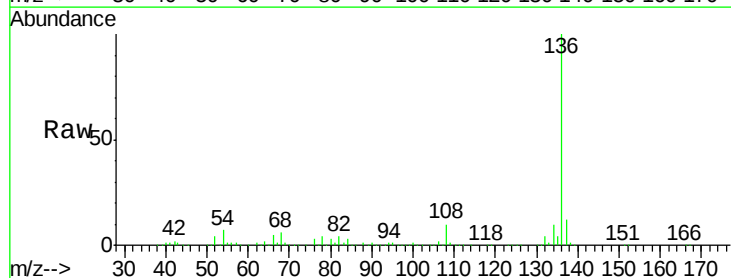
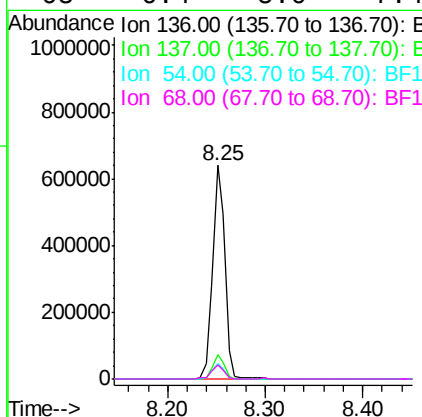
Manual Integrations  
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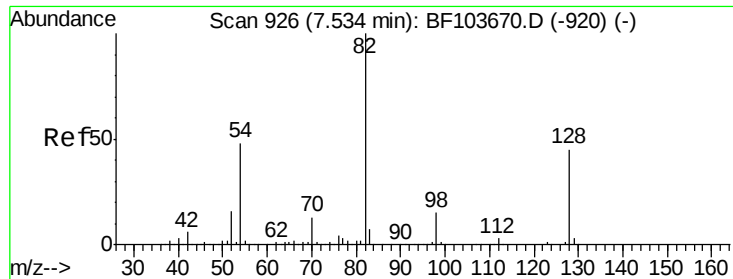
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#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.6  | 8.9   | 13.3  |
| 54      | 7.3   | 6.6   | 9.8   |
| 68      | 6.4   | 5.0   | 7.4   |





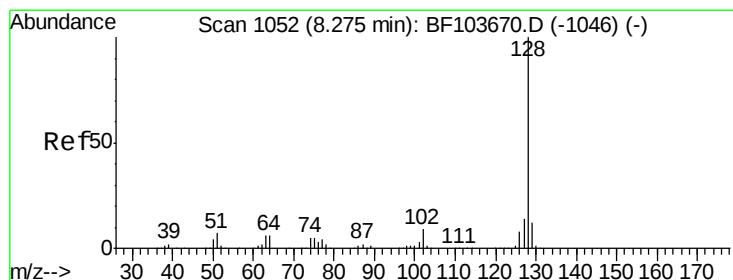
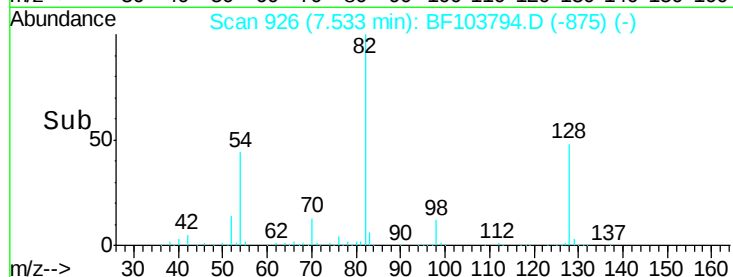
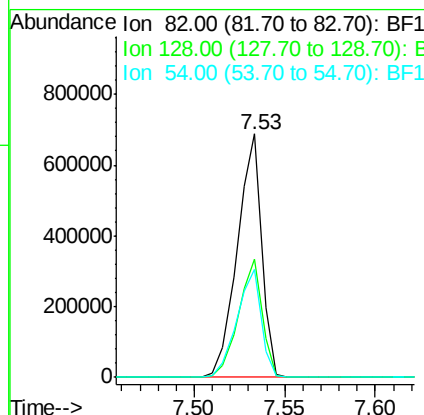
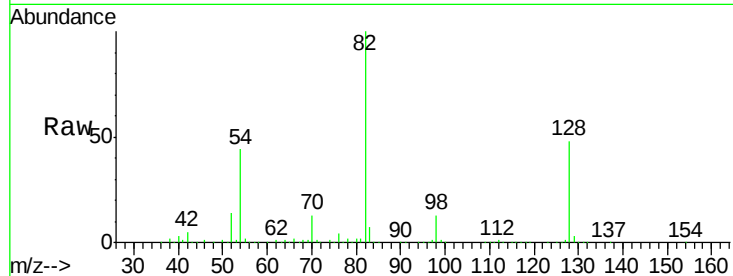
#23  
Nitrobenzene-d5  
Concen: 80.676 ng  
RT: 7.53 min Scan# 926  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampled :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.3  | 36.1  | 54.1  |
| 54      | 44.1  | 41.4  | 62.2  |

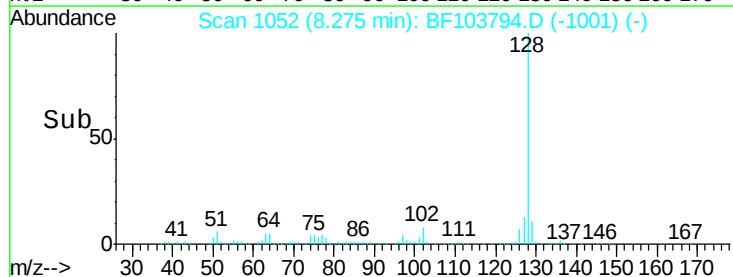
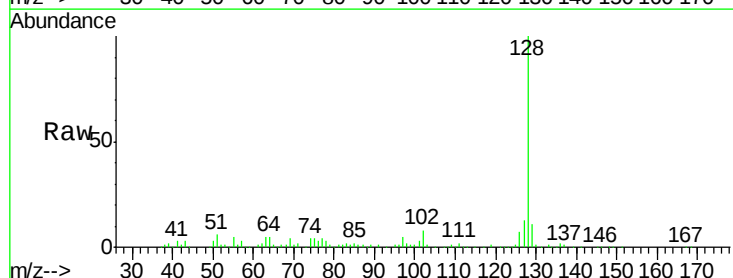
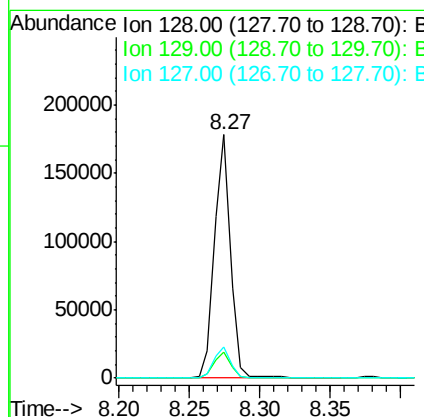
Manual Integrations  
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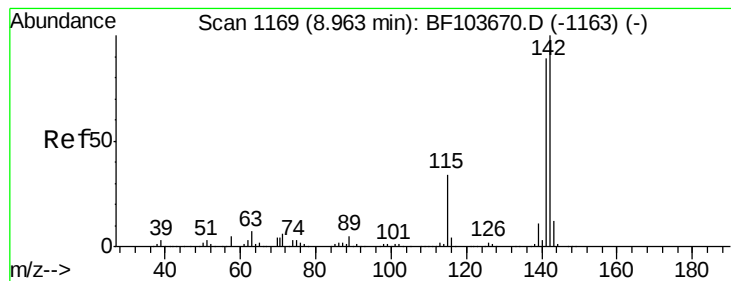
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#31  
Naphthalene  
Concen: 5.031 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.8   | 13.2  |
| 127     | 12.9  | 10.9  | 16.3  |





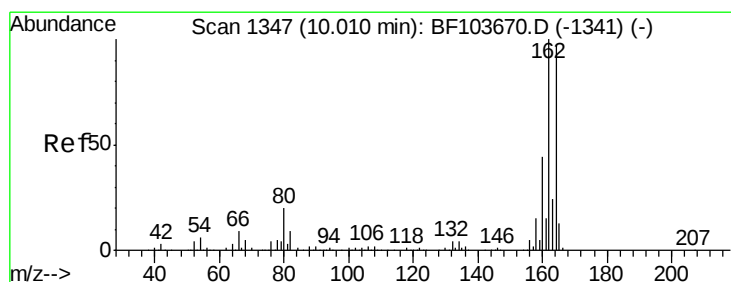
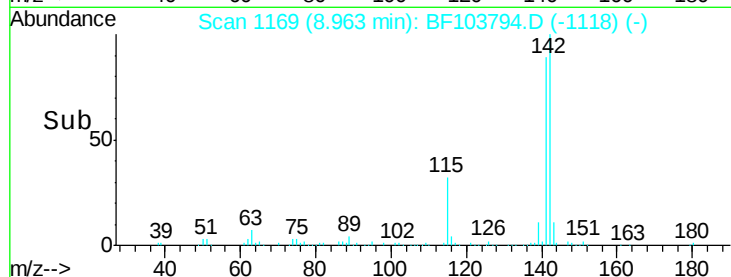
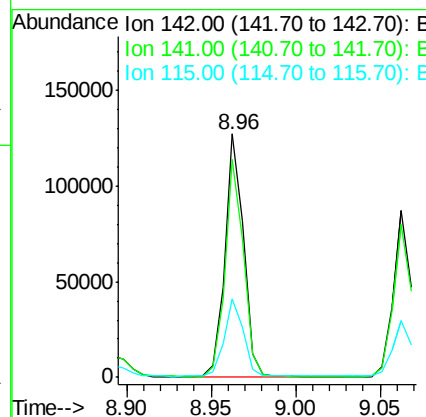
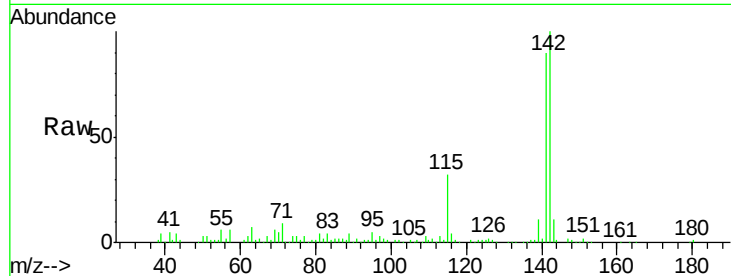
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2-Methylnaphthalene  
Concen: 5.582 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 70.8  | 106.2 |
| 115     | 32.4  | 26.1  | 39.1  |

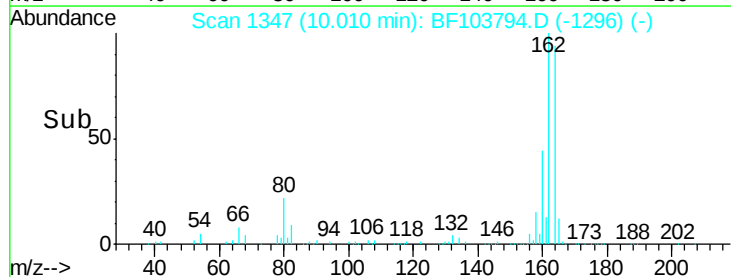
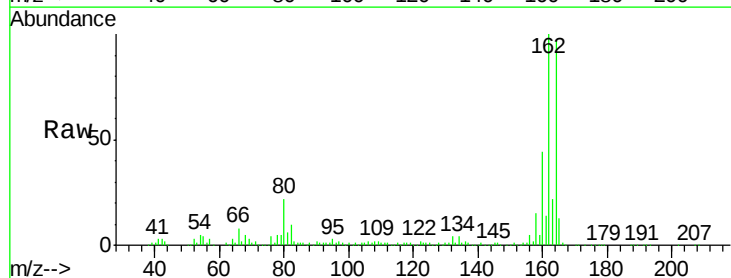
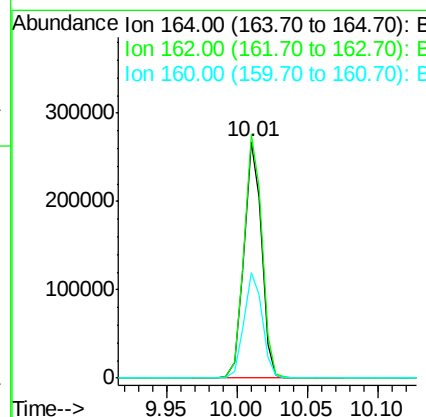
Manual Integrations  
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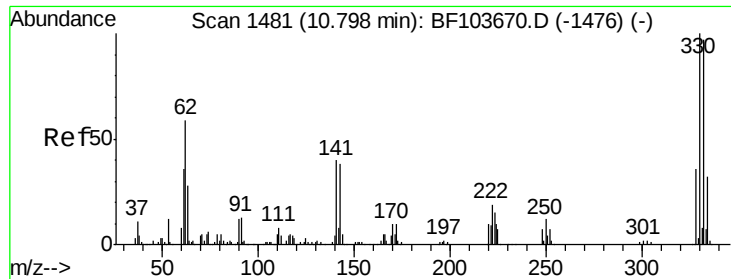
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.0 | 86.1  | 129.1 |
| 160     | 44.8  | 38.3  | 57.5  |





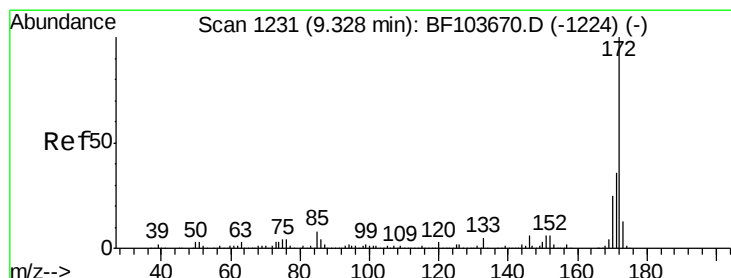
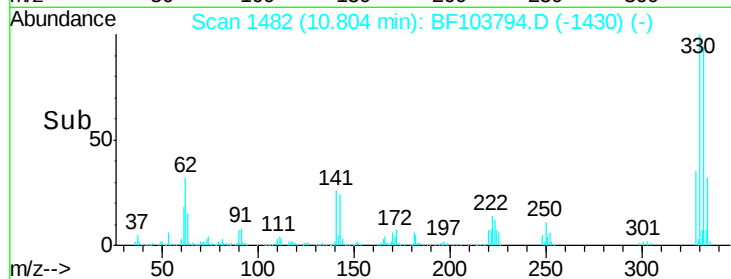
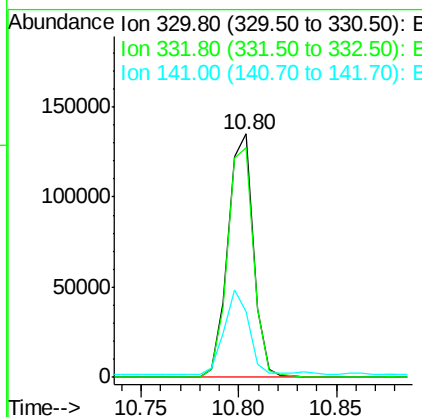
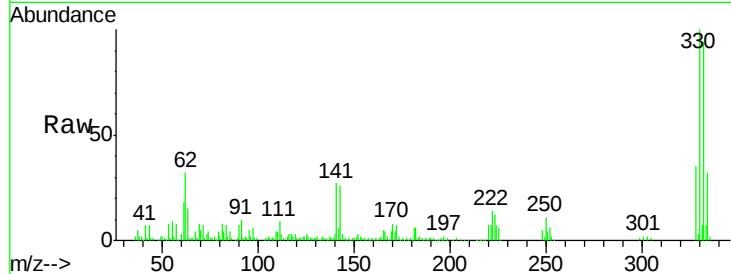
#41  
 2,4,6-Tribromophenol  
 Concen: 62.115 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. 0.01 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

Instrument :  
 BNA\_F  
 ClientSampled :  
 COMP-2

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 123035 |       |       |
| 332     | 96.7  | 77.0   | 115.6 |       |
| 141     | 32.8  | 29.9   | 44.9  |       |

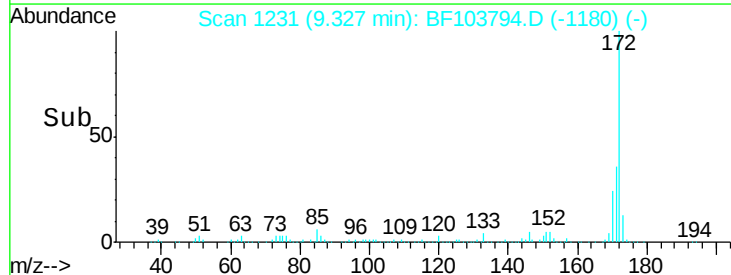
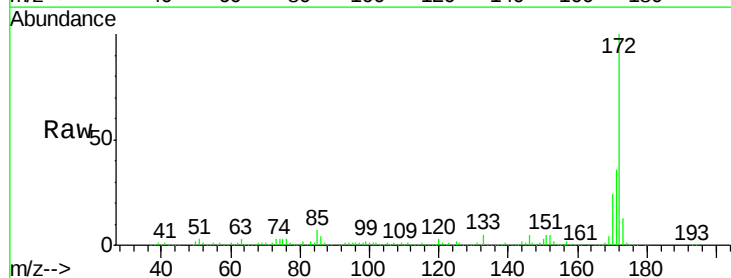
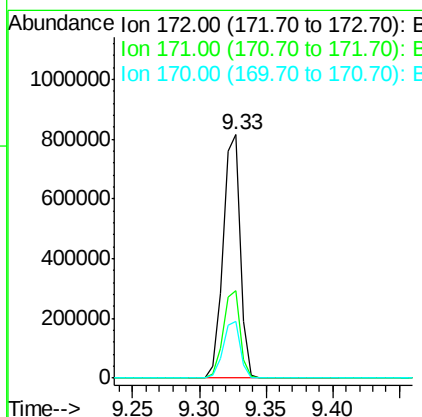
Manual Integrations  
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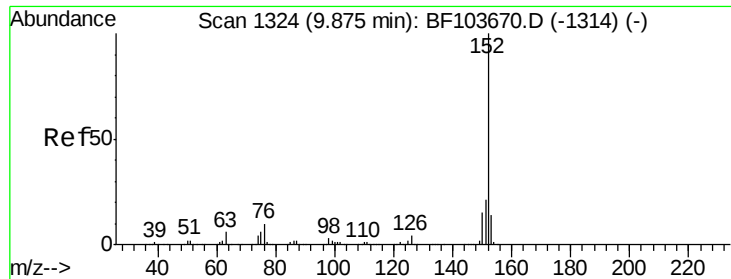
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 3/20/2018 6:27:58 PM



#44  
 2-Fluorobiphenyl  
 Concen: 51.601 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. 0.00 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 745229 |       |       |
| 171     | 35.7  | 29.7   | 44.5  |       |
| 170     | 23.5  | 19.6   | 29.4  |       |





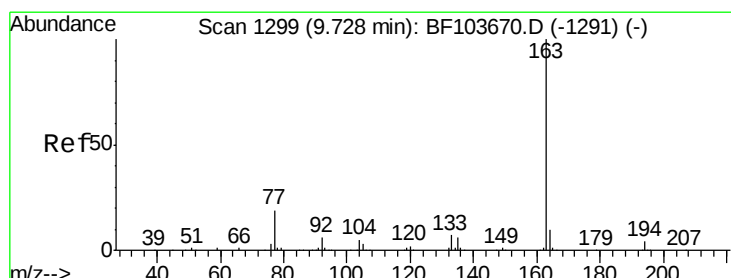
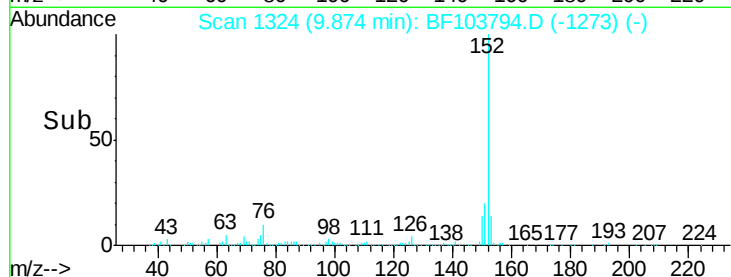
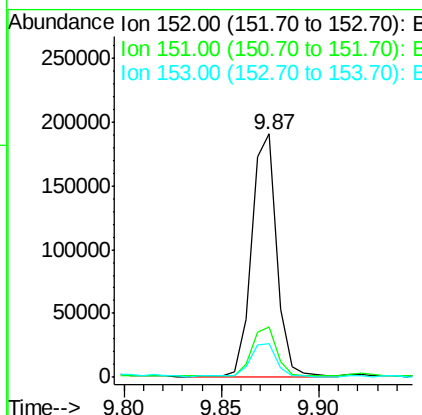
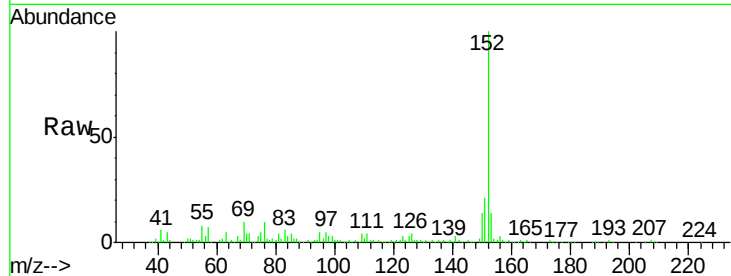
#48  
Acenaphthylene  
Concen: 7.125 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampled :  
COMP-2

| Tot Ion   | 152   | Resp  | 168573 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.7  | 16.3  | 24.5   |
| 153       | 14.1  | 10.7  | 16.1   |

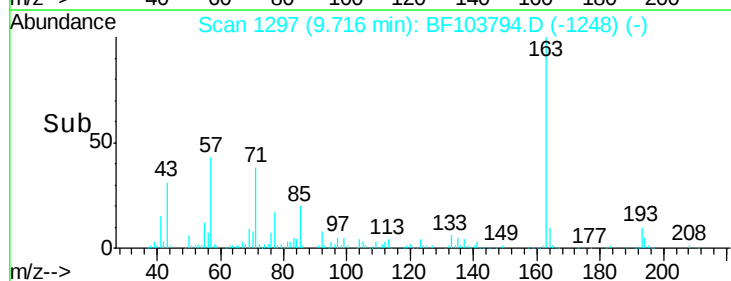
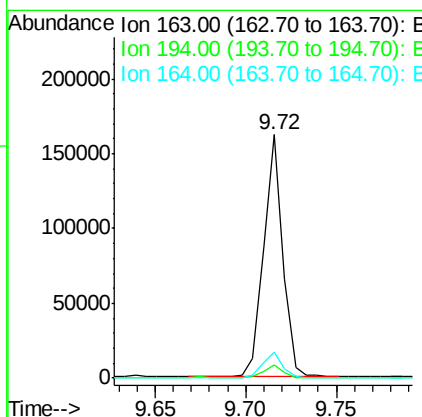
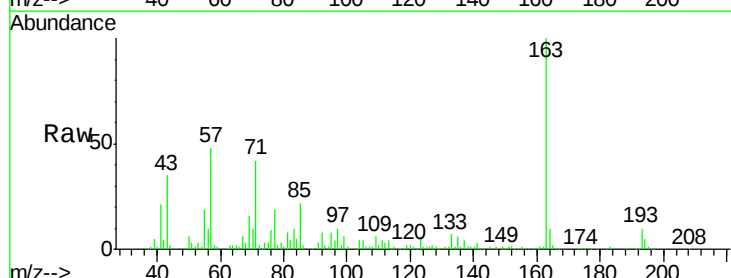
Manual Integrations  
APPROVED

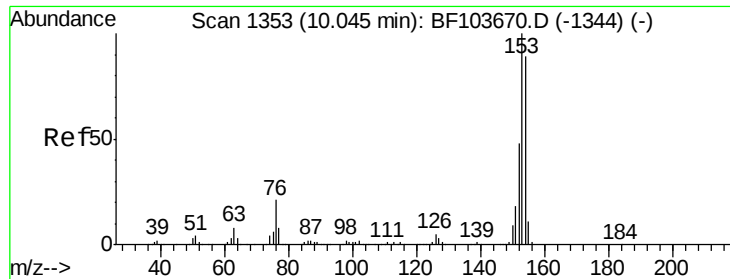
Sohil  
3/20/2018 6:27:58 PM



#49  
Dimethylphthalate  
Concen: 6.773 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion   | 163   | Resp  | 119044 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.2   | 2.7   | 4.1#   |
| 164       | 10.4  | 8.2   | 12.2   |





#51

Acenaphthene

Concen: 4.608 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

Instrument :

BNA\_F

ClientSampleId :

COMP-2

Tot Ion:154 Resp: 64736

Ion Ratio Lower Upper

154 100

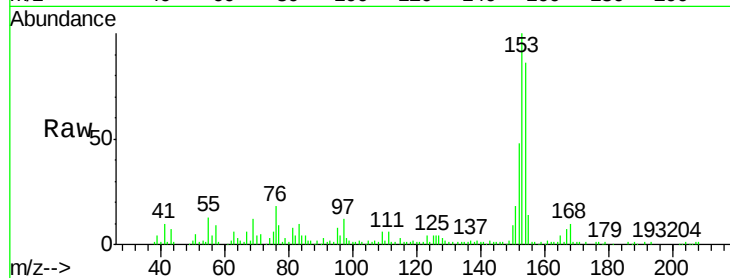
153 116.4 91.2 136.8

152 56.3 43.8 65.8

Manual Integrations  
APPROVED

Sohil

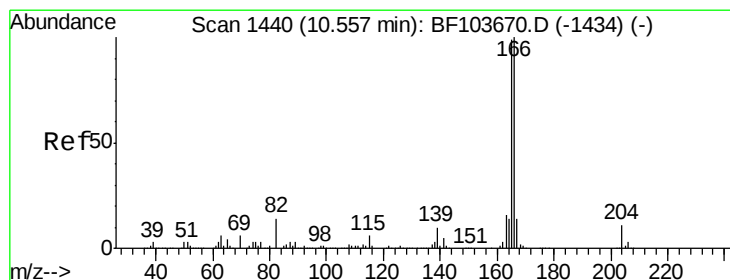
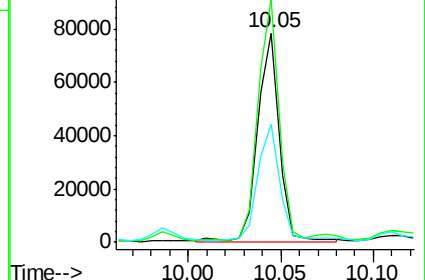
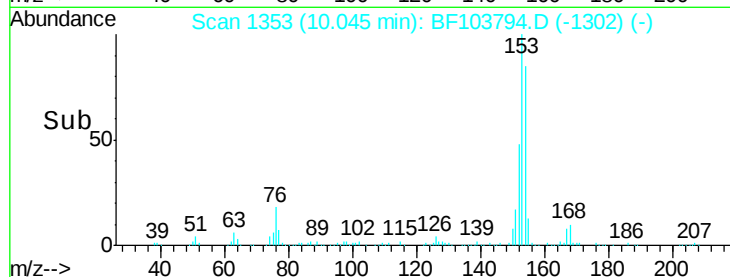
3/20/2018 6:27:58 PM



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



#57

Fluorene

Concen: 4.576 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

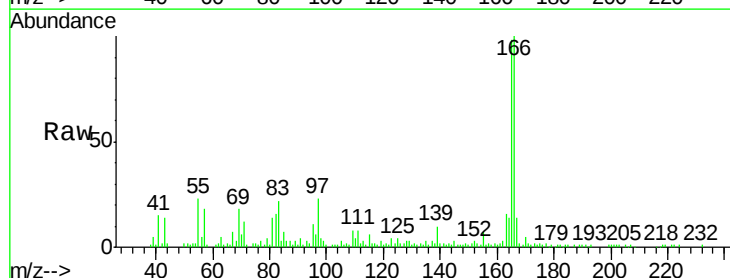
Tgt Ion:166 Resp: 71244

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

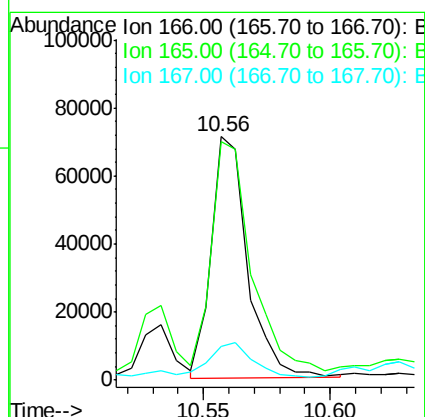
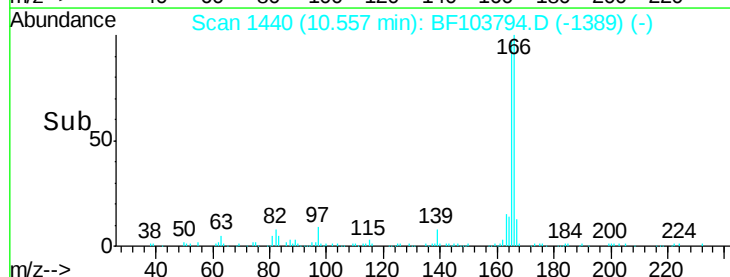
167 14.1 10.6 16.0

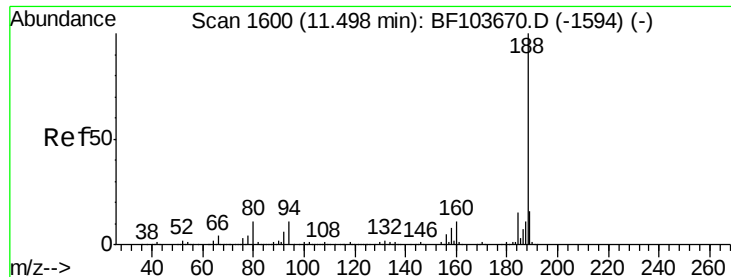


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





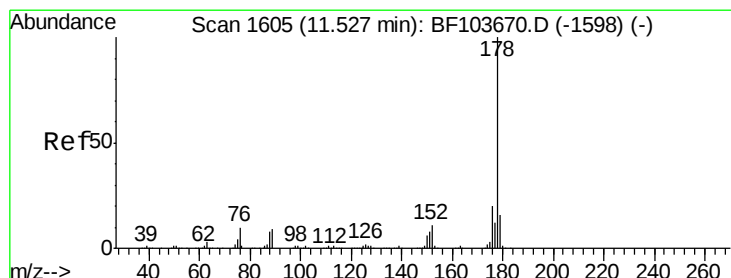
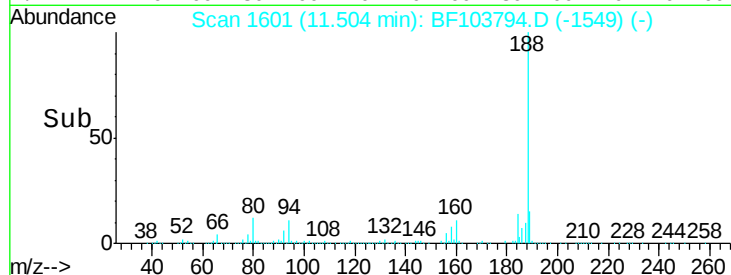
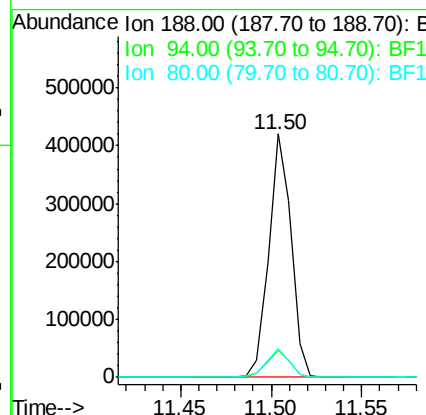
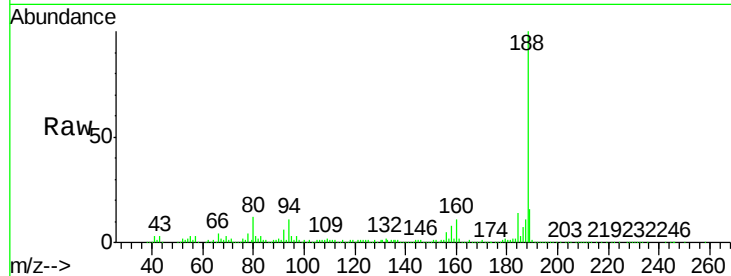
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampled :  
COMP-2

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 11.2  | 8.5        | 12.7  |
| 80      | 12.0  | 9.2        | 13.8  |

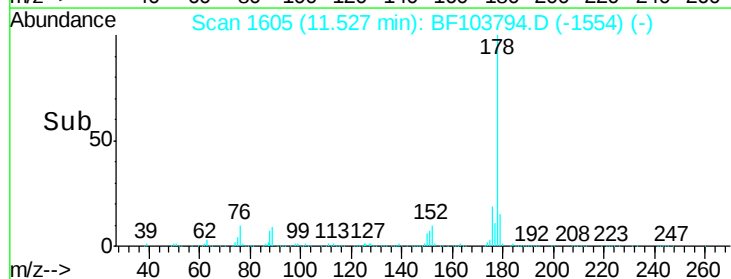
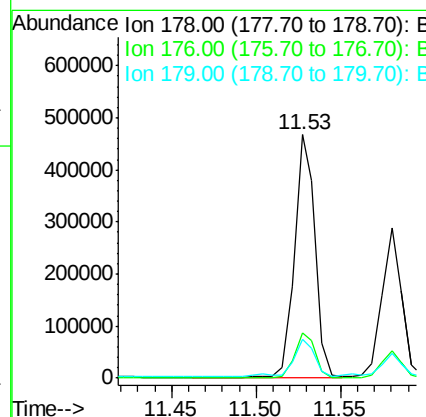
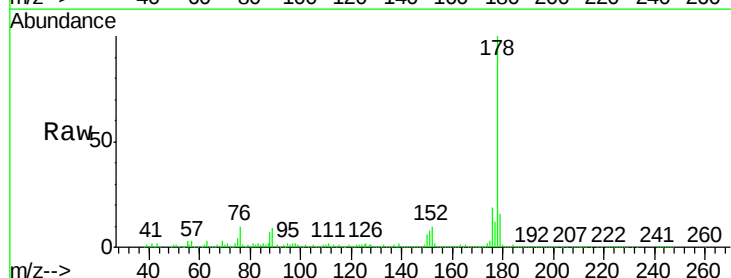
Manual Integrations  
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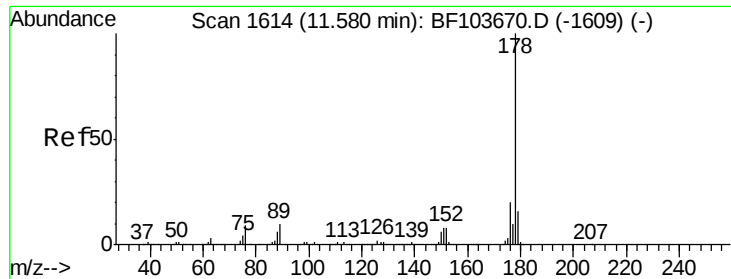
Sohil  
3/20/2018 6:27:58 PM



#70  
Phenanthrene  
Concen: 19.963 ng  
RT: 11.53 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 178     | 100   |            |       |
| 176     | 18.8  | 15.8       | 23.8  |
| 179     | 15.7  | 13.0       | 19.6  |





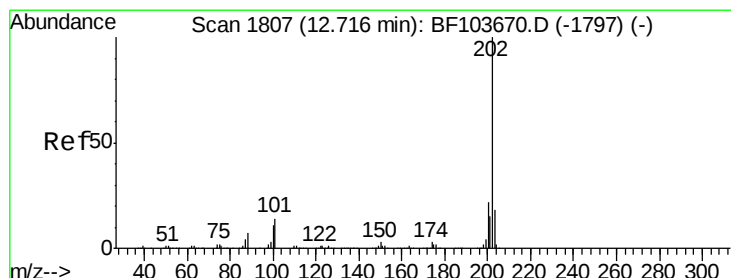
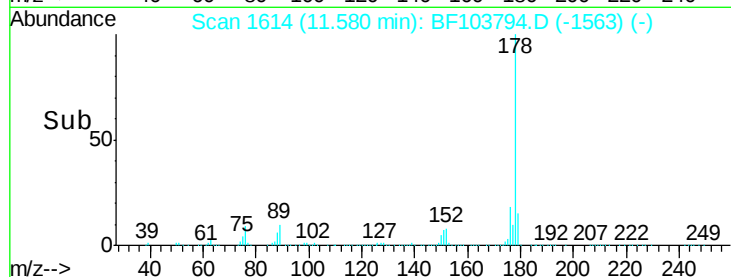
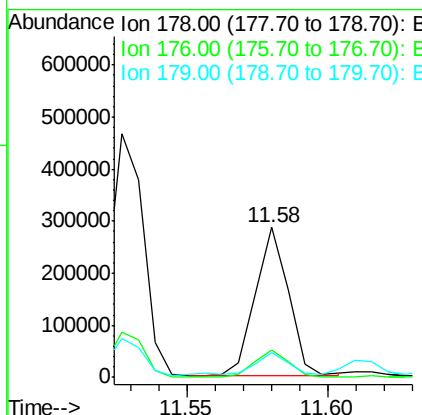
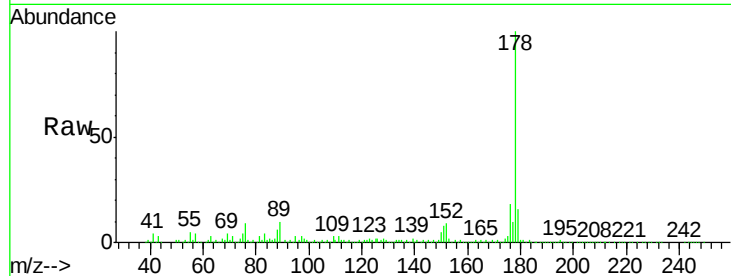
#71  
 Anthracene  
 Concen: 11.635 ng  
 RT: 11.58 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 178     | 100  |       | 233063 |       |       |
| 176     | 18.4 | 15.4  | 23.2   |       |       |
| 179     | 16.2 | 12.6  | 19.0   |       |       |

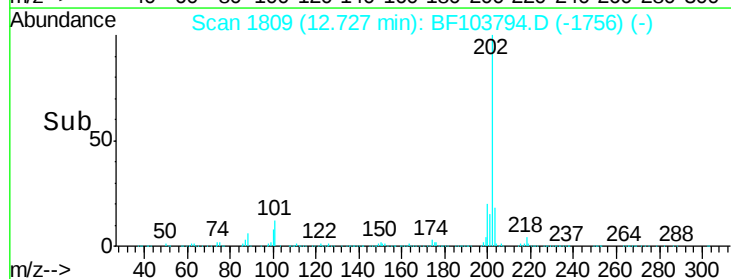
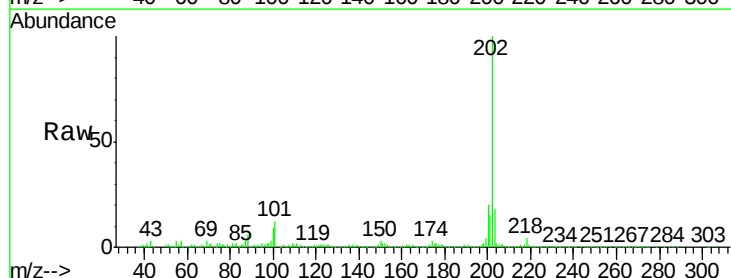
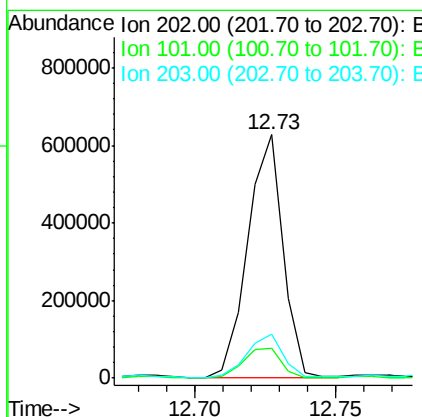
Manual Integrations  
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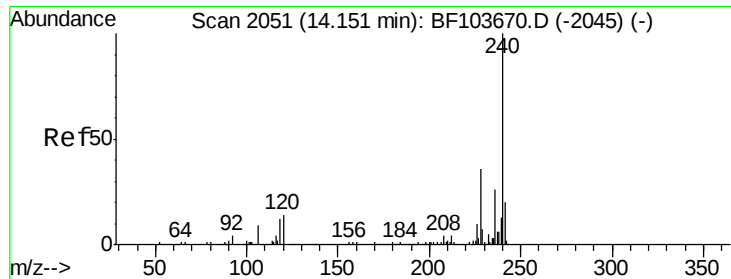
Sohil  
 3/20/2018 6:27:58 PM



#74  
 Fluoranthene  
 Concen: 26.588 ng  
 RT: 12.73 min Scan# 1809  
 Delta R.T. 0.01 min  
 Lab File: BF103794.D  
 Acq: 20 Mar 2018 9:29

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 540217 |       |       |
| 101     | 12.0 | 0.0   | 34.1   |       |       |
| 203     | 17.9 | 0.0   | 38.1   |       |       |





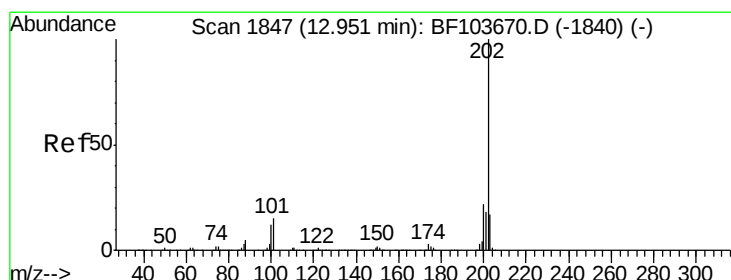
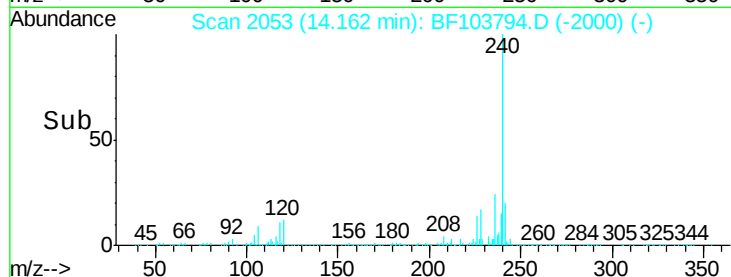
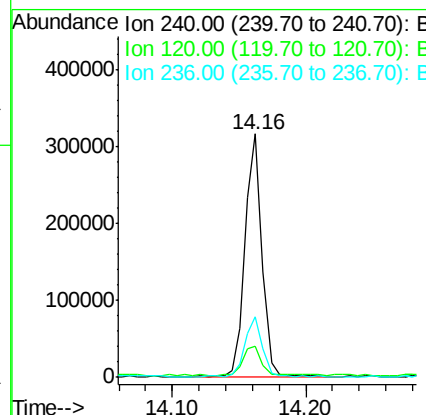
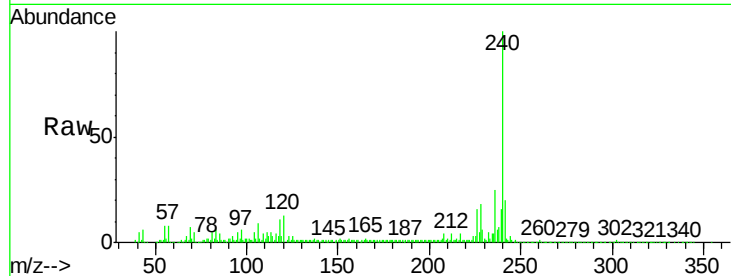
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.16 min Scan# 2053  
Delta R.T. 0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.9  | 9.5   | 14.3  |
| 236     | 25.0  | 20.7  | 31.1  |

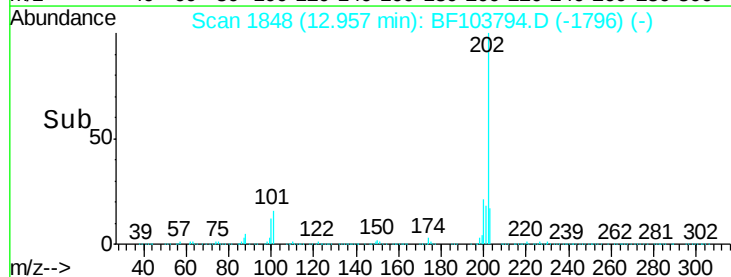
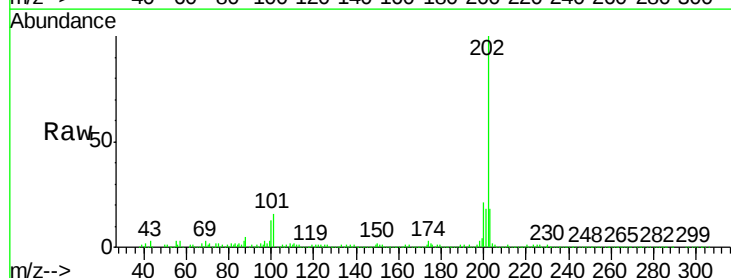
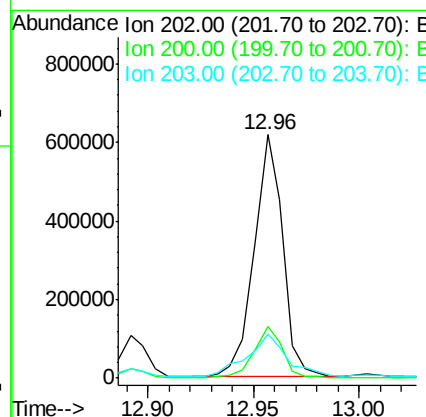
Manual Integrations  
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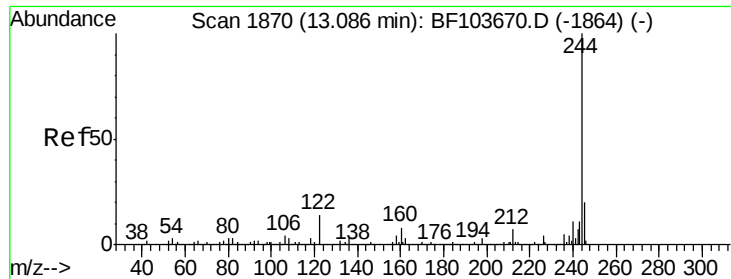
Sohil  
3/20/2018 6:27:58 PM



#77  
Pyrene  
Concen: 28.691 ng  
RT: 12.96 min Scan# 1848  
Delta R.T. 0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.4  | 26.2  |
| 203     | 18.0  | 14.3  | 21.5  |





#78

Terphenyl-d14

Concen: 45.131 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

Instrument :

BNA\_F

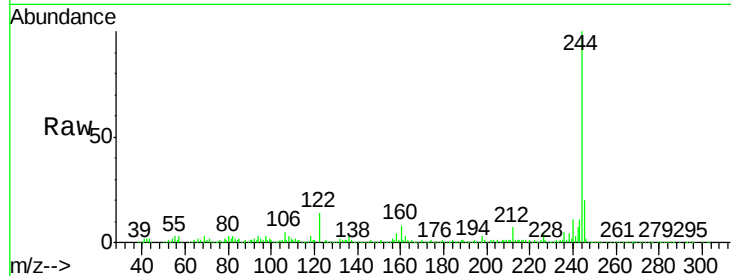
ClientSampleId :

COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 13.5  | 11.0  | 16.4  |

Manual Integrations  
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Sohil  
3/20/2018 6:27:58 PM

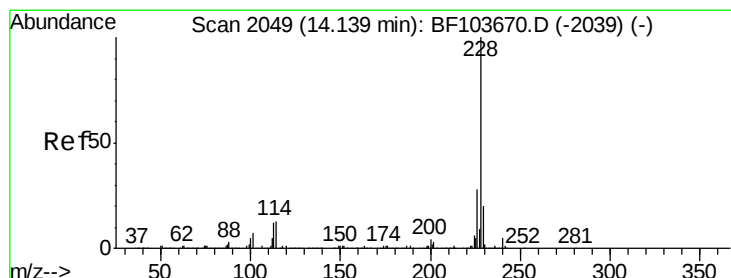
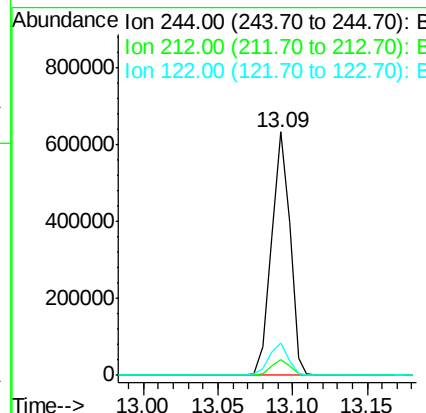
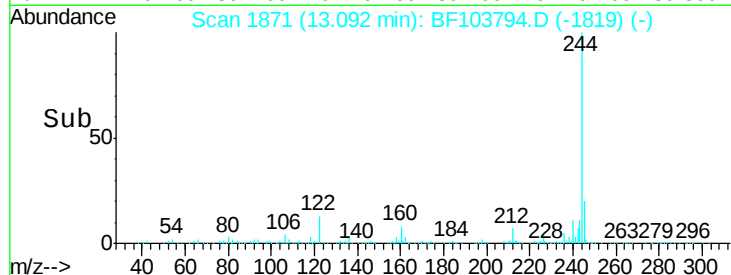


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.09



#80

Benzo(a)anthracene

Concen: 20.456 ng m

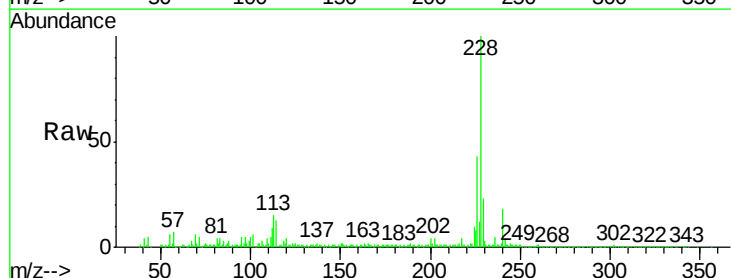
RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 43.4  | 22.6  | 33.8# |
| 229     | 22.6  | 15.8  | 23.6  |

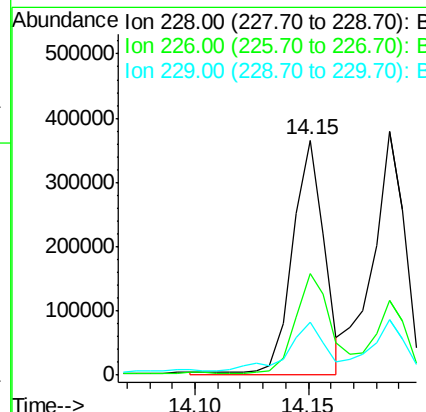
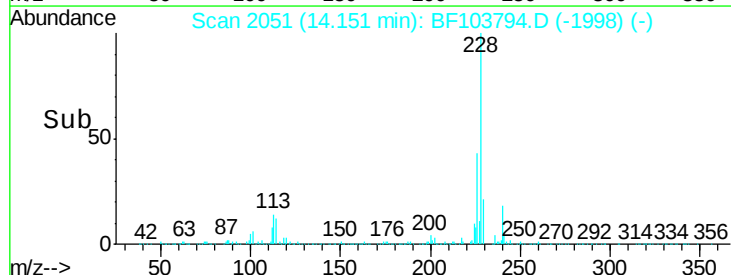


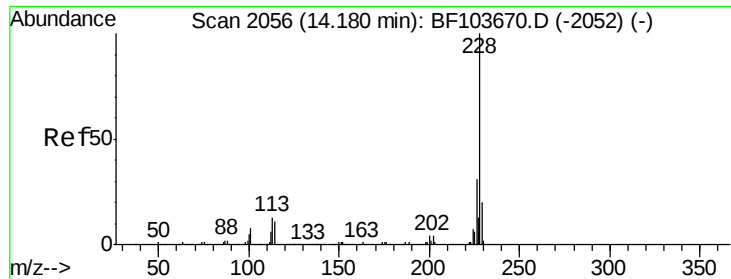
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.15





#82

Chrysene

Concen: 20.698 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

Instrument :

BNA\_F

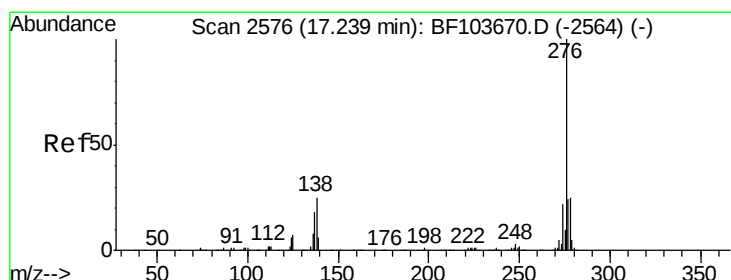
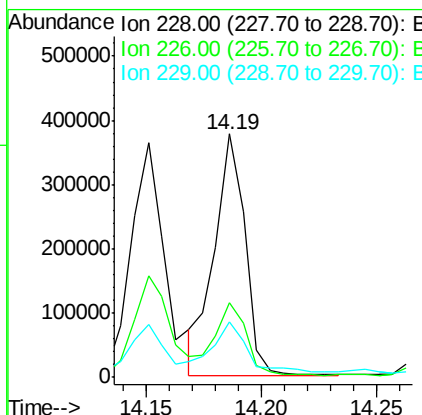
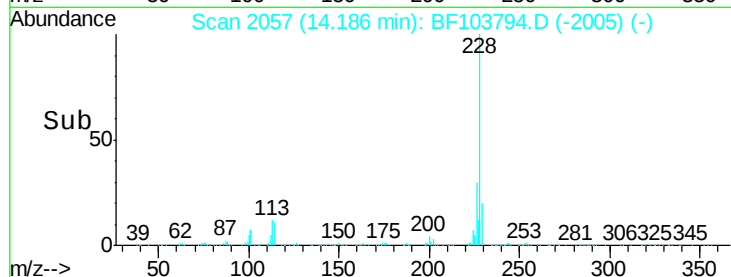
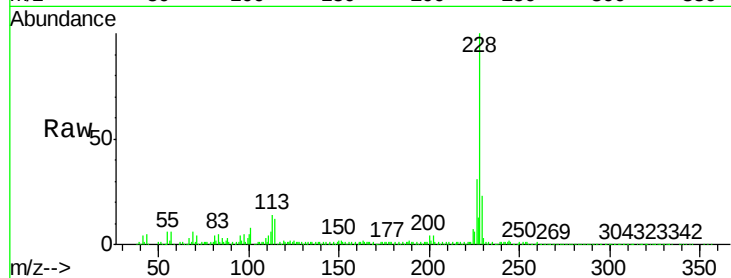
ClientSampled :

COMP-2

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 345429 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.7  | 25.0  | 37.6   |
| 229       | 22.9  | 16.2  | 24.4   |

Manual Integrations  
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Sohil  
3/20/2018 6:27:58 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.758 ng

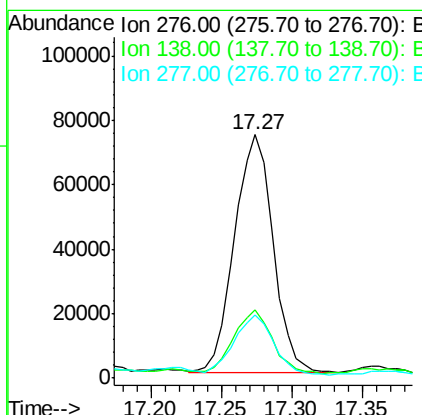
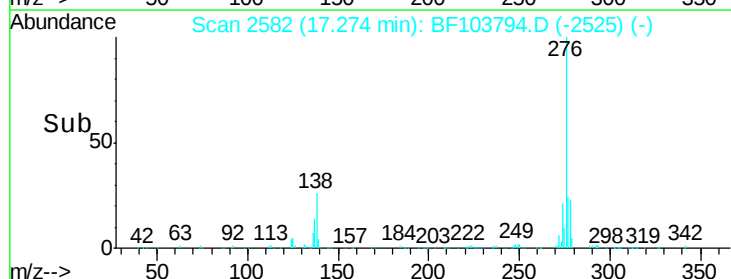
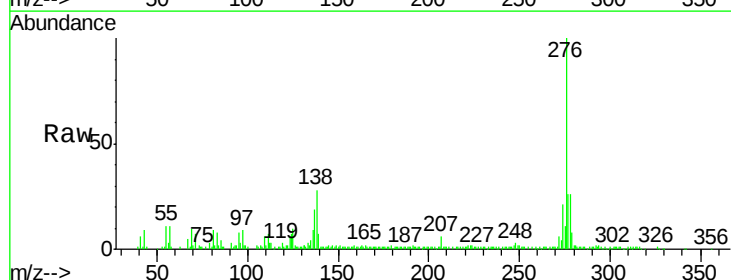
RT: 17.27 min Scan# 2582

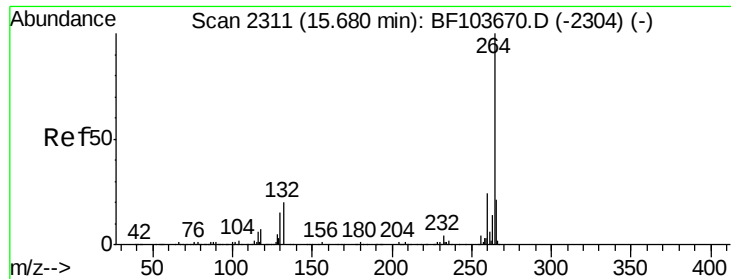
Delta R.T. 0.04 min

Lab File: BF103794.D

Acq: 20 Mar 2018 9:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 142216 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 26.0  | 25.0  | 37.6   |
| 277       | 25.3  | 20.1  | 30.1   |





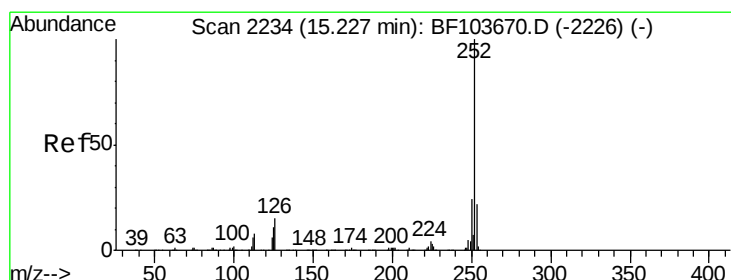
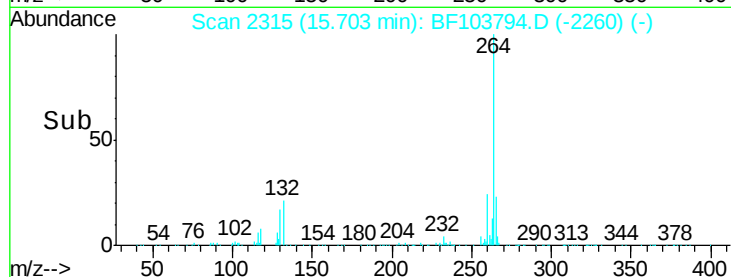
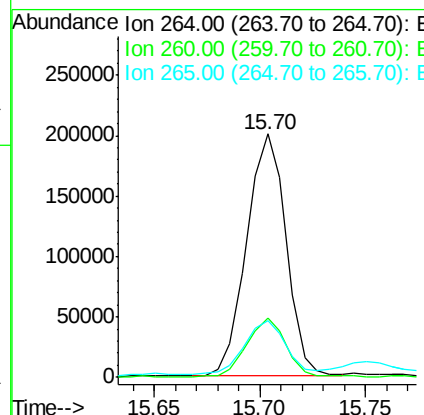
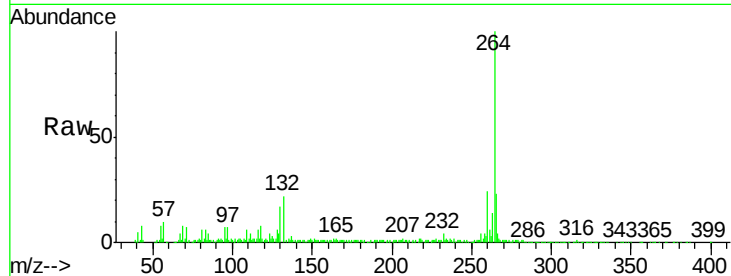
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.70 min Scan# 2315  
Delta R.T. 0.02 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 23.2  | 17.5  | 26.3  |

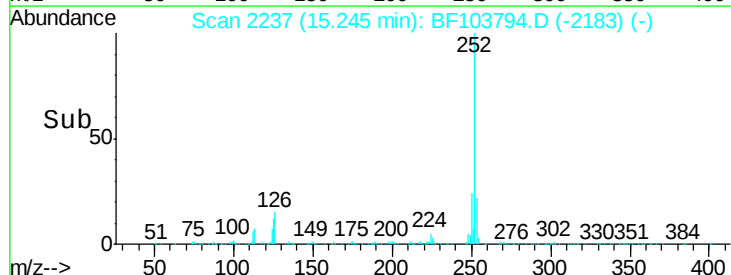
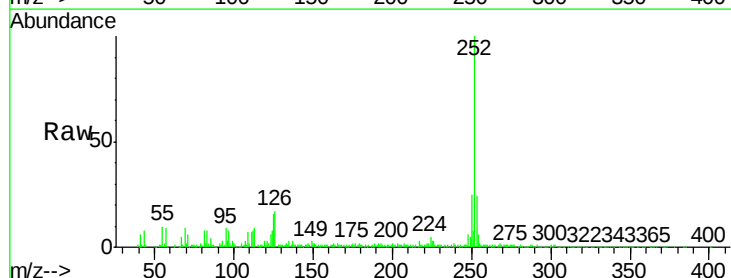
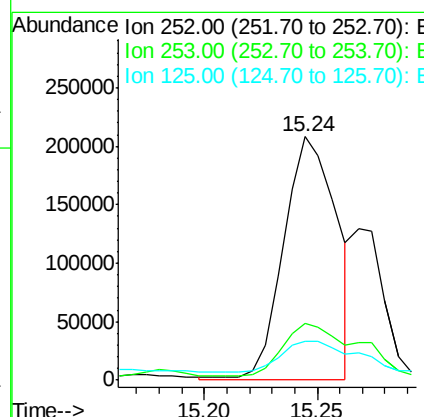
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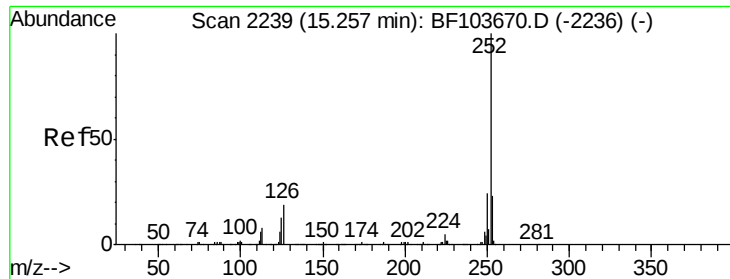
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#87  
Benzo(b)fluoranthene  
Concen: 20.718 ng m  
RT: 15.24 min Scan# 2237  
Delta R.T. 0.02 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 17.0  | 25.6  |
| 125     | 15.9  | 9.0   | 13.6  |





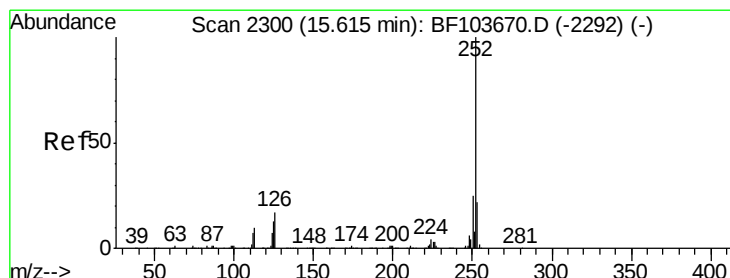
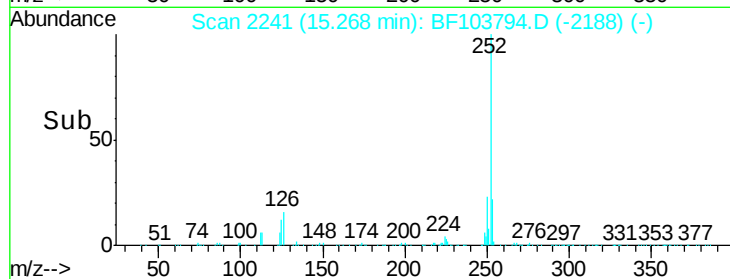
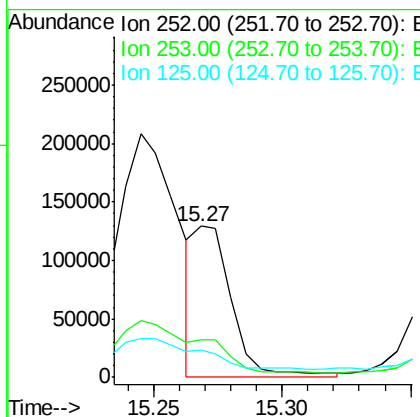
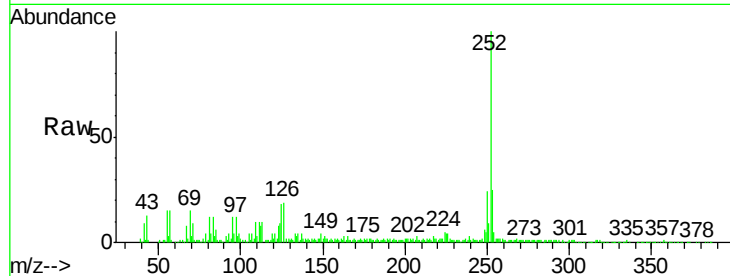
#88  
Benzo(k)fluoranthene  
Concen: 8.282 ng m  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.01 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampled :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.8  | 17.9  | 26.9  |
| 125     | 17.7  | 10.2  | 15.2  |

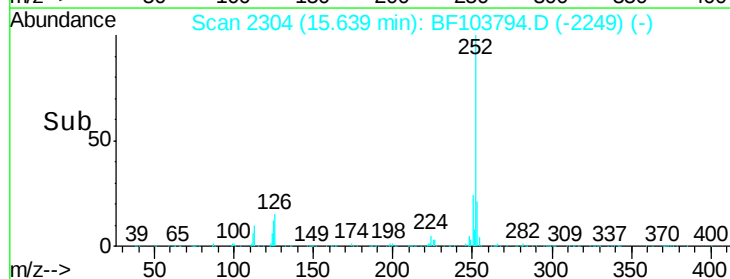
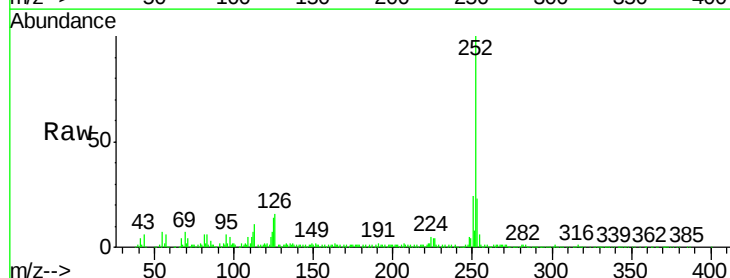
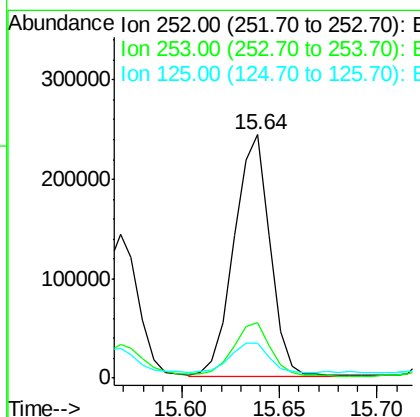
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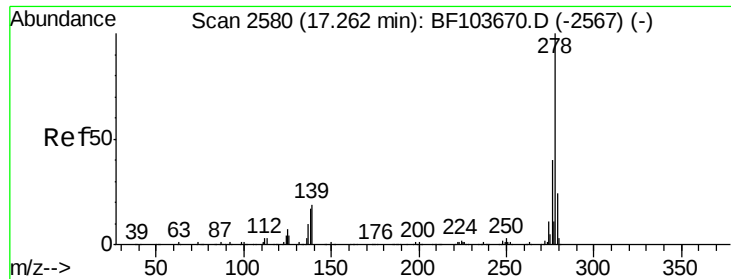
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#89  
Benzo(a)pyrene  
Concen: 20.599 ng  
RT: 15.64 min Scan# 2304  
Delta R.T. 0.02 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.1  | 25.7  |
| 125     | 14.3  | 9.8   | 14.6  |





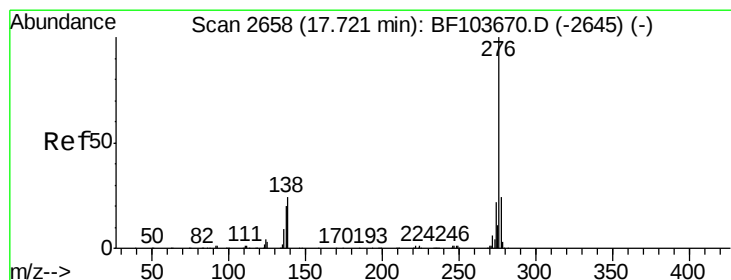
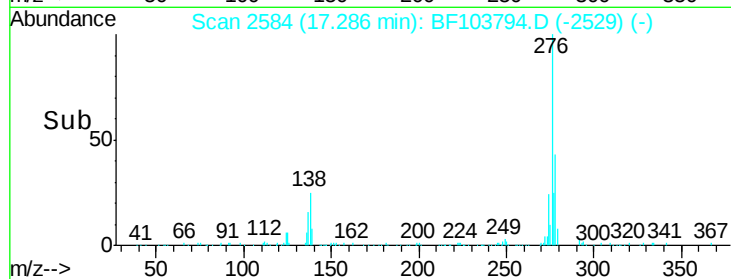
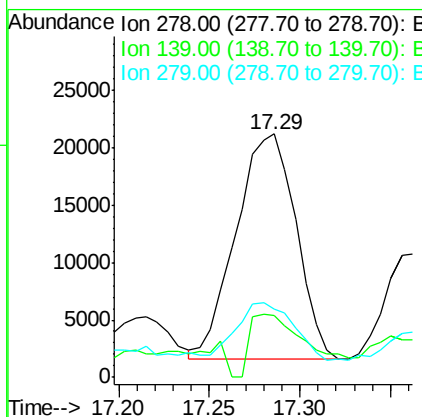
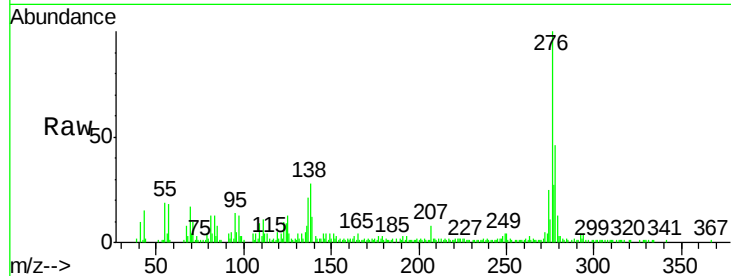
#90  
Dibenzo(a,h)anthracene  
Concen: 3.483 ng  
RT: 17.29 min Scan# 2584  
Delta R.T. 0.02 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 25.5  | 15.9  | 23.9# |
| 279     | 28.1  | 19.0  | 28.4  |

Manual Integrations  
APPROVED

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#91  
Benzo(g,h,i)perylene  
Concen: 11.184 ng  
RT: 17.76 min Scan# 2664  
Delta R.T. 0.04 min  
Lab File: BF103794.D  
Acq: 20 Mar 2018 9:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 17.9  | 26.9  |
| 138     | 24.3  | 21.8  | 32.8  |

