

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090815\  
 Data File : BF081534.D  
 Acq On : 8 Sep 2015 21:23  
 Operator : UM/IZ  
 Sample : G3555-12RE  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE

Manual Integrations  
 APPROVED

MMDadoda  
 9/9/2015 2:58:58 PM

Quant Time: Sep 09 01:48:03 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 08 23:43:58 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.34  | 152  | 55922    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.63  | 136  | 218879   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.37  | 164  | 96768    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 10.84 | 188  | 176520   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.45 | 240  | 113550   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 14.77 | 264  | 113005   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.89  | 112  | 373032   | 103.50 | ng    | 0.01     |
| 7) Phenol-d6                | 6.02  | 99   | 600393   | 125.84 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.92  | 82   | 342533   | 75.50  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.16 | 330  | 90944    | 105.55 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.72  | 172  | 547976   | 72.57  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.42 | 244  | 341538   | 70.02  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 7.66  | 128  | 57873    | 4.96   | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.35  | 142  | 24998    | 3.29   | ng    | # 93     |
| 48) Acenaphthylene          | 9.23  | 152  | 30379    | 2.66   | ng    | 94       |
| 49) Dimethylphthalate       | 9.12  | 163  | 137533   | 18.29  | ng    | # 97     |
| 51) Acenaphthene            | 9.40  | 154  | 60055    | 9.26   | ng    | 86       |
| 54) Dibenzofuran            | 9.58  | 168  | 83944    | 8.86   | ng    | # 83     |
| 57) Fluorene                | 9.92  | 166  | 58233m   | 8.10   | ng    |          |
| 70) Phenanthrene            | 10.88 | 178  | 1332134  | 135.74 | ng    | 97       |
| 71) Anthracene              | 10.91 | 178  | 249055   | 24.70  | ng    | 97       |
| 72) Carbazole               | 11.07 | 167  | 86687    | 9.16   | ng    | # 95     |
| 74) Fluoranthene            | 12.05 | 202  | 1028984  | 96.86  | ng    | 91       |
| 77) Pyrene                  | 12.27 | 202  | 1103440  | 131.19 | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.44 | 228  | 406396   | 56.20  | ng    | 93       |
| 82) Chrysene                | 13.47 | 228  | 294111   | 45.37  | ng    | 92       |
| 85) Indeno(1,2,3-cd)pyrene  | 15.83 | 276  | 152895   | 32.15  | ng    | # 83     |
| 87) Benzo(b)fluoranthene    | 14.43 | 252  | 336739m  | 41.74  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.45 | 252  | 139738m  | 20.87  | ng    |          |
| 89) Benzo(a)pyrene          | 14.72 | 252  | 293992   | 43.00  | ng    | # 81     |
| 90) Dibenzo(a,h)anthracene  | 15.84 | 278  | 38646m   | 7.32   | ng    |          |
| 91) Benzo(g,h,i)perylene    | 16.15 | 276  | 128873   | 25.56  | ng    | # 74     |

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

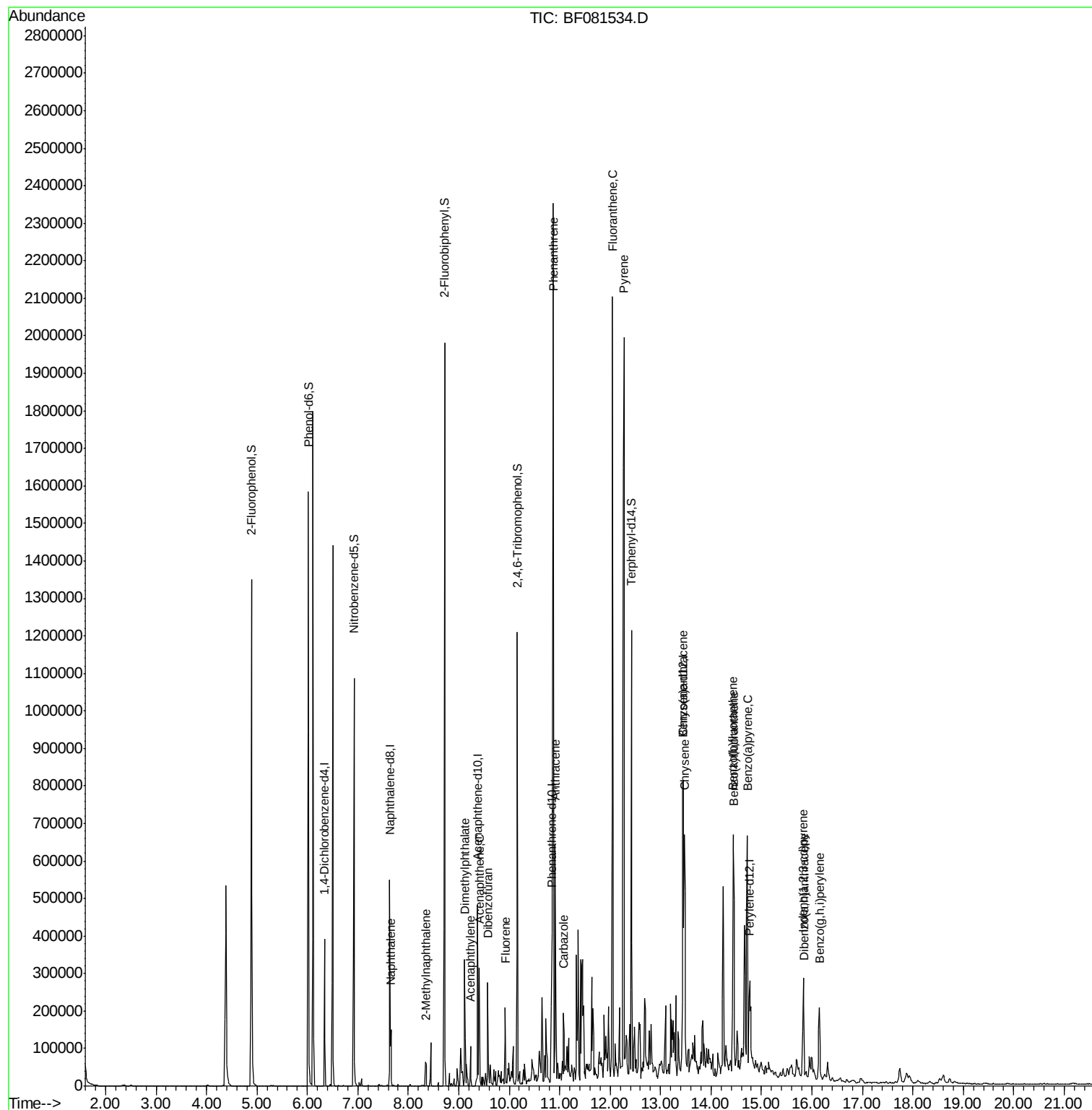
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090815\  
Data File : BF081534.D  
Acq On : 8 Sep 2015 21:23  
Operator : UM/IZ  
Sample : G3555-12RE  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE

Manual Integrations  
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Quant Time: Sep 09 01:48:03 2015  
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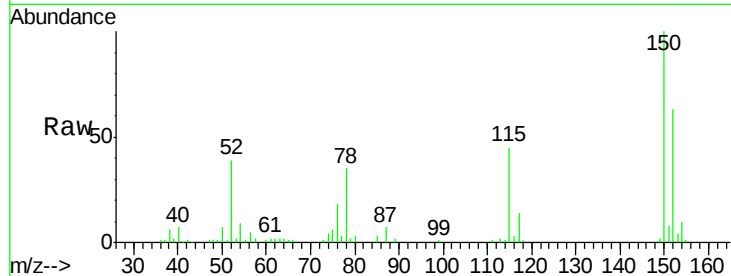




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.34 min Scan# 416  
Delta R.T. 0.00 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

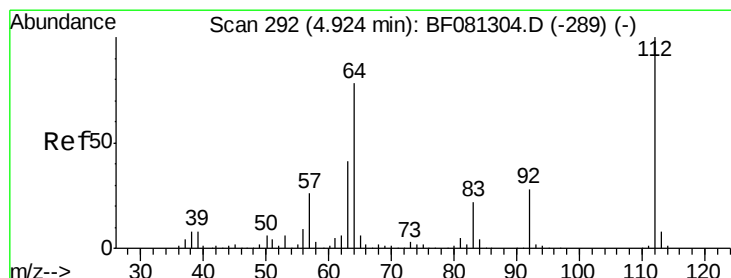
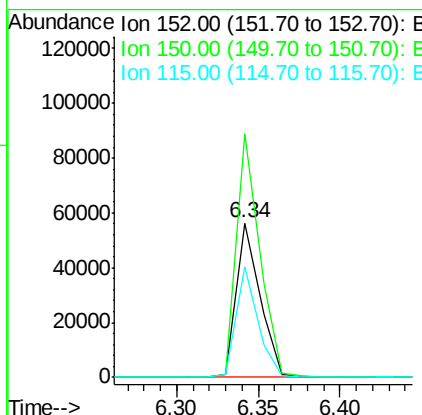
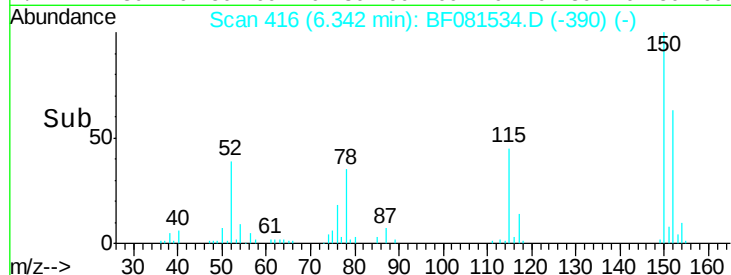
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 124.7 | 187.1 |
| 115     | 71.3  | 39.0  | 58.4# |

Manual Integrations  
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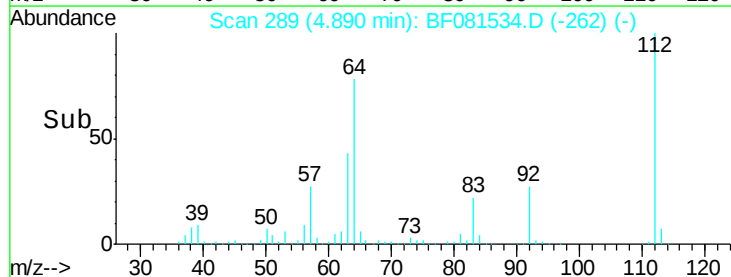
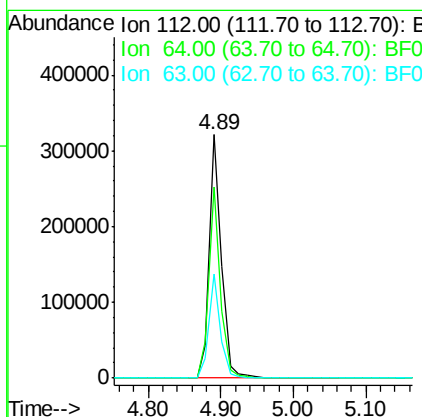
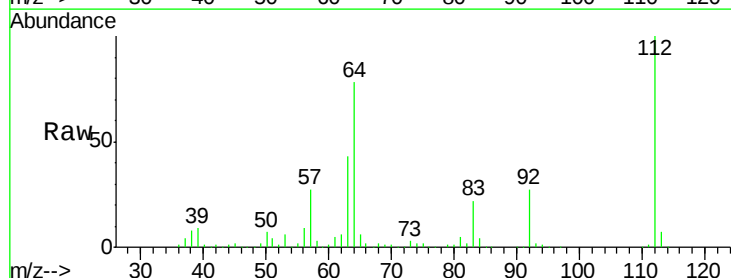
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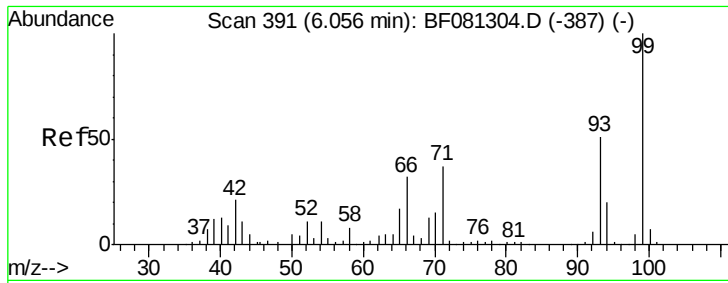


#5

2-Fluorophenol  
Concen: 103.50 ng  
RT: 4.89 min Scan# 289  
Delta R.T. 0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 78.3  | 39.7  | 59.5# |
| 63      | 43.0  | 17.4  | 26.0# |





#7

Phenol-d6

Concen: 125.84 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081534.D

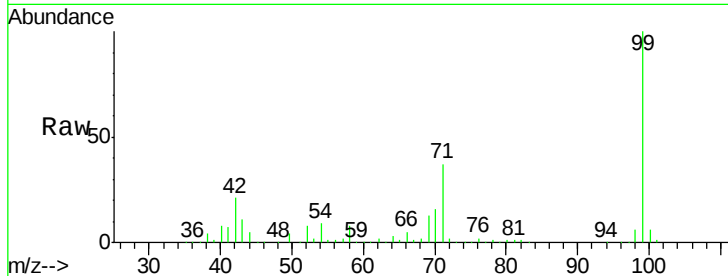
Acq: 8 Sep 2015 21:23

Instrument :

BNA\_F

ClientSampleId :

COMP-2RE



Tgt Ion: 99 Resp: 600393

Ion Ratio Lower Upper

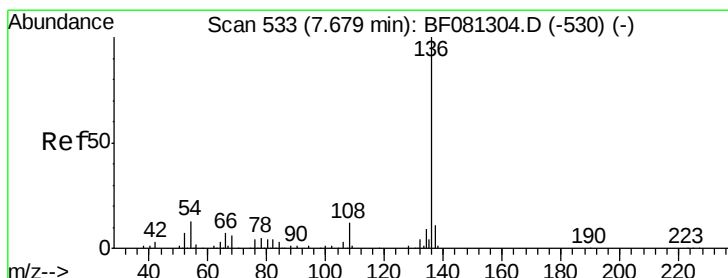
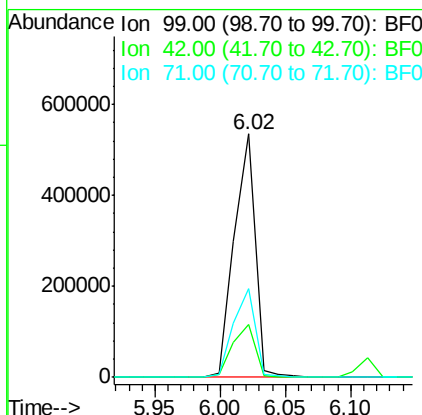
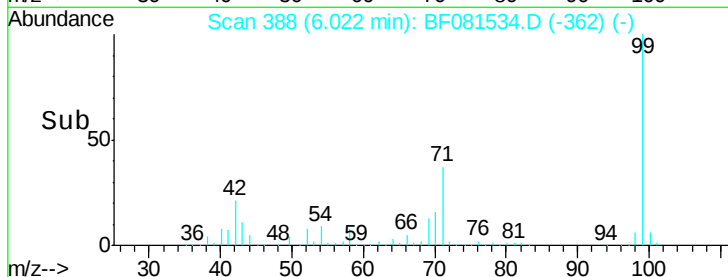
99 100

42 21.5 13.7 20.5#

71 36.7 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Tgt Ion: 136 Resp: 218879

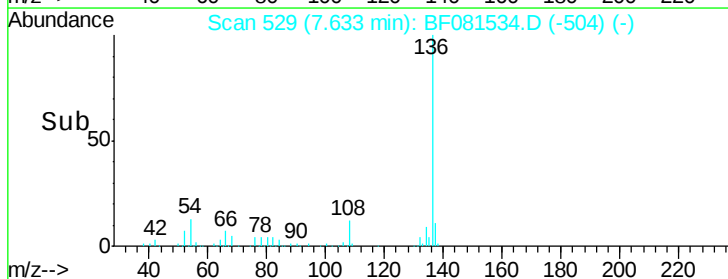
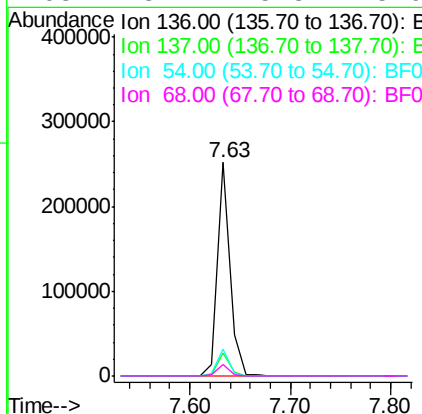
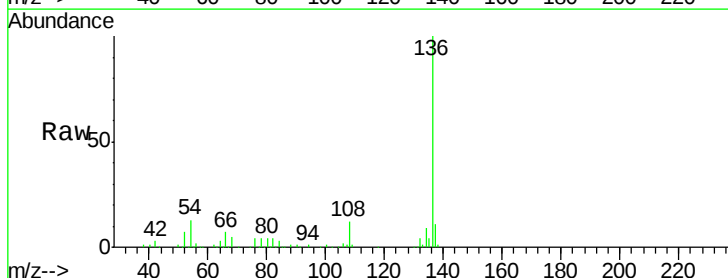
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.7 8.2 12.2#

68 5.4 5.8 8.6#





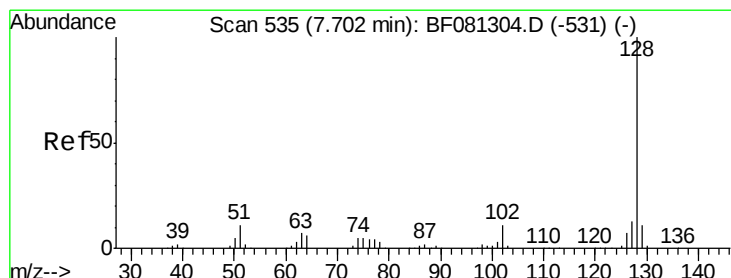
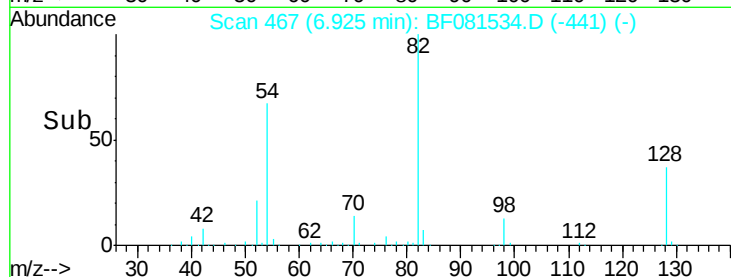
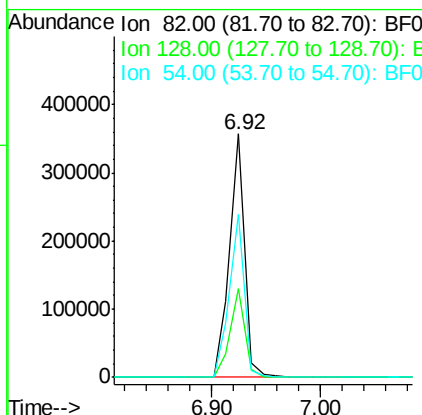
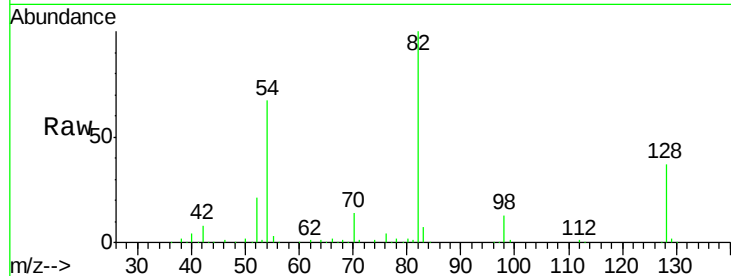
#23  
 Nitrobenzene-d5  
 Concen: 75.50 ng  
 RT: 6.92 min Scan# 467  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.6  | 51.0  | 76.6# |
| 54      | 67.1  | 47.5  | 71.3  |

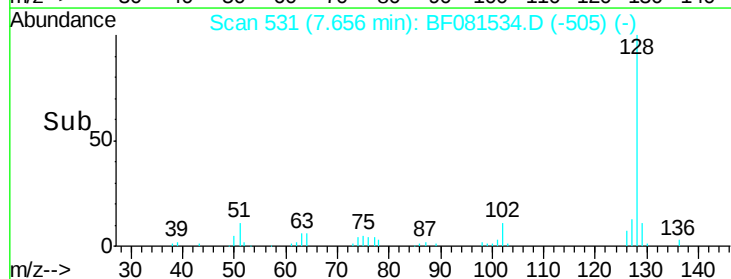
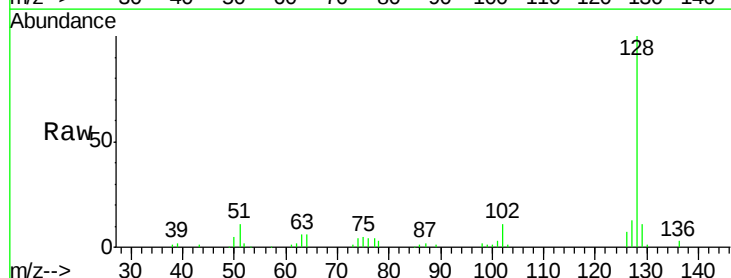
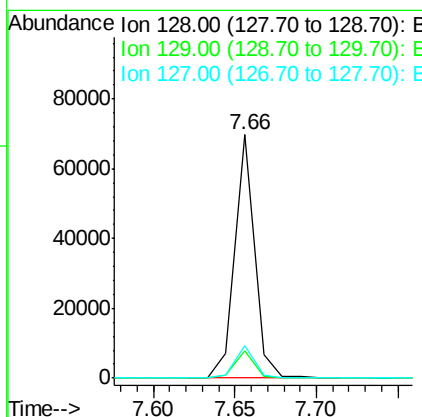
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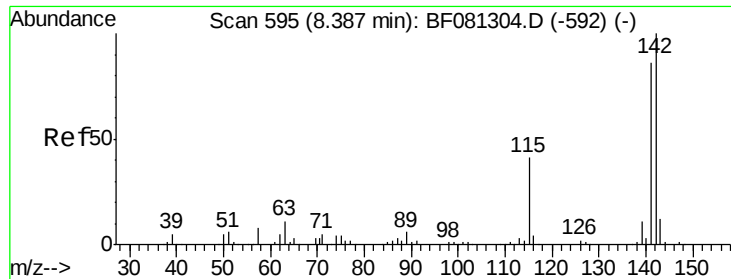
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#31  
 Naphthalene  
 Concen: 4.96 ng  
 RT: 7.66 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

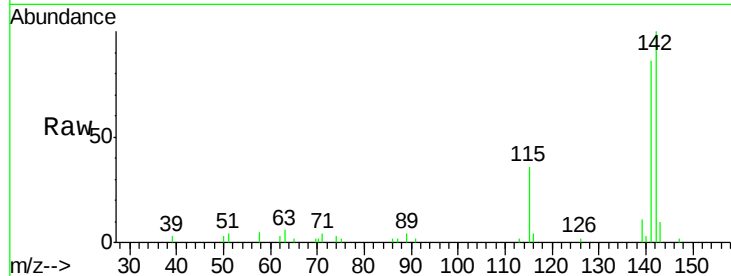
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.4   | 12.6  |
| 127     | 13.2  | 9.9   | 14.9  |





#37  
 2-Methylnaphthalene  
 Concen: 3.29 ng  
 RT: 8.35 min Scan# 592  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

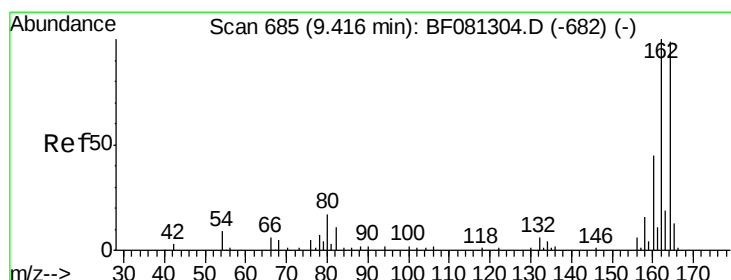
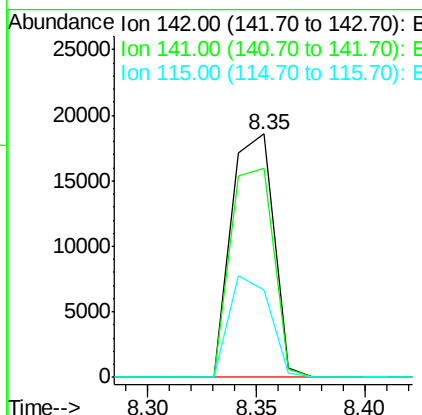
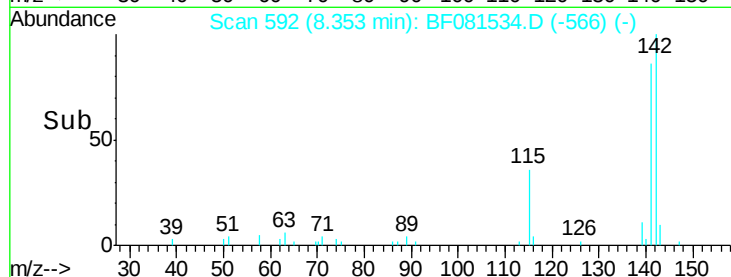
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 85.8  | 67.5  | 101.3 |
| 115     | 36.0  | 18.2  | 27.2  |

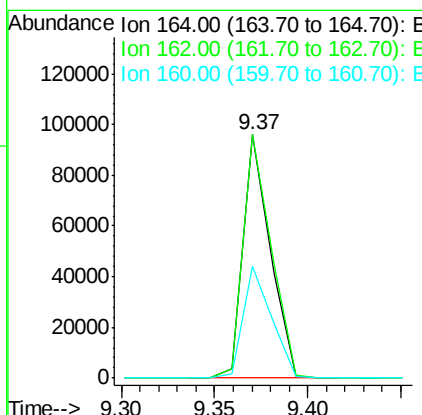
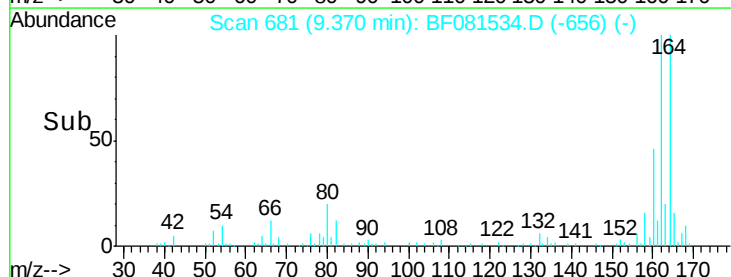
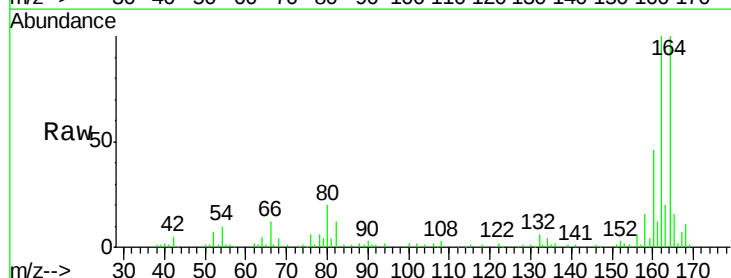
Manual Integrations  
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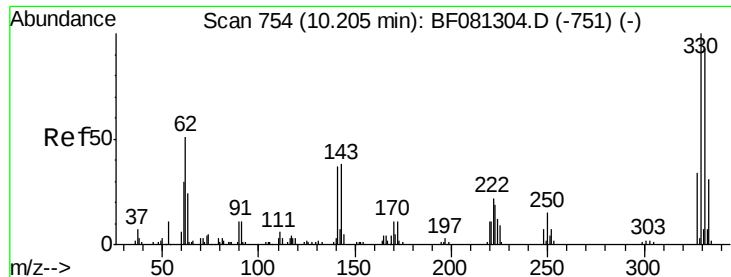
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.37 min Scan# 681  
 Delta R.T. -0.01 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

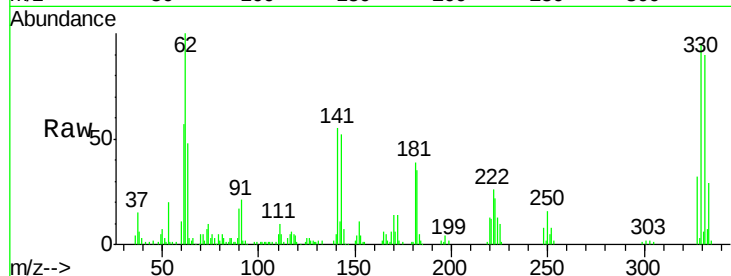
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.1 | 75.2  | 112.8 |
| 160     | 46.0  | 31.5  | 47.3  |





#41  
 2,4,6-Tribromophenol  
 Concen: 105.55 ng  
 RT: 10.16 min Scan# 750  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

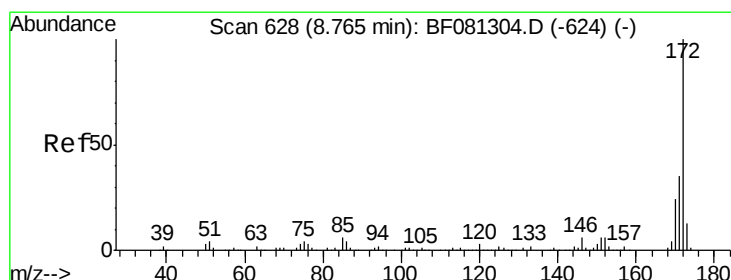
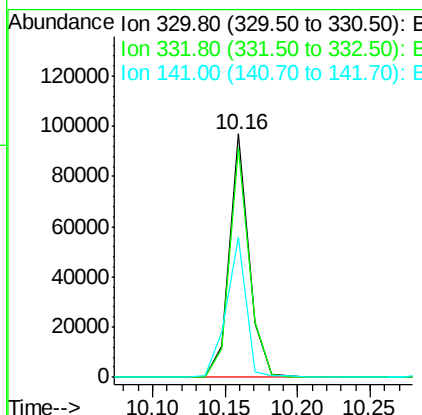
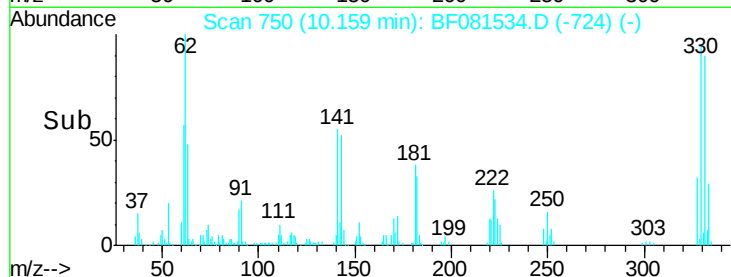
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE



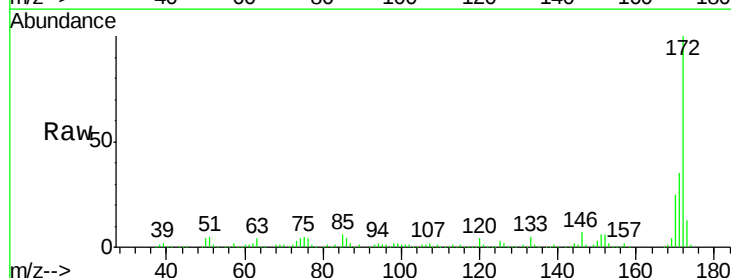
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.0  | 76.6  | 114.8 |
| 141     | 59.4  | 29.7  | 44.5# |

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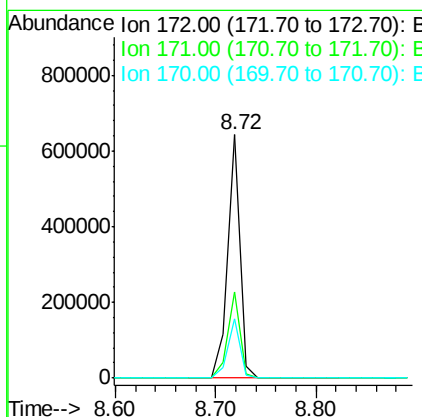
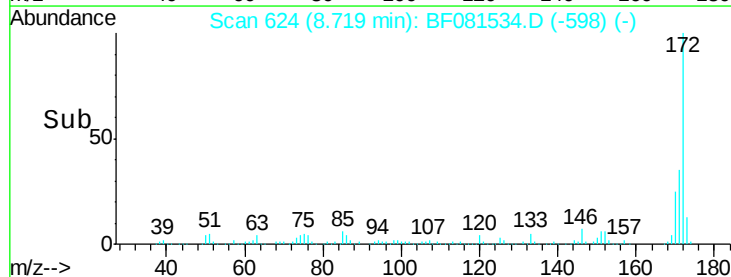
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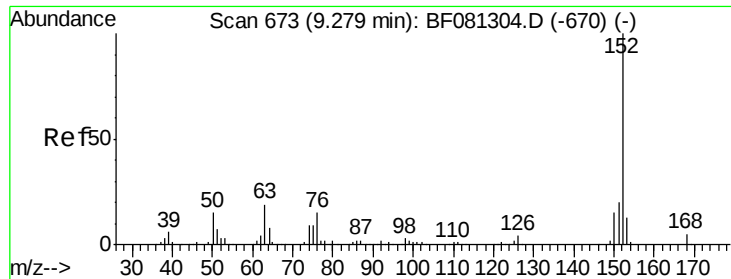


#44  
 2-Fluorobiphenyl  
 Concen: 72.57 ng  
 RT: 8.72 min Scan# 624  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 26.1  | 39.1  |
| 170     | 24.6  | 17.4  | 26.2  |





#48

Acenaphthylene

Concen: 2.66 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081534.D

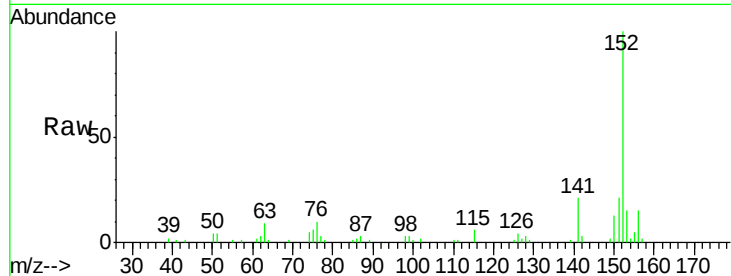
Acq: 8 Sep 2015 21:23

Instrument :

BNA\_F

ClientSampleId :

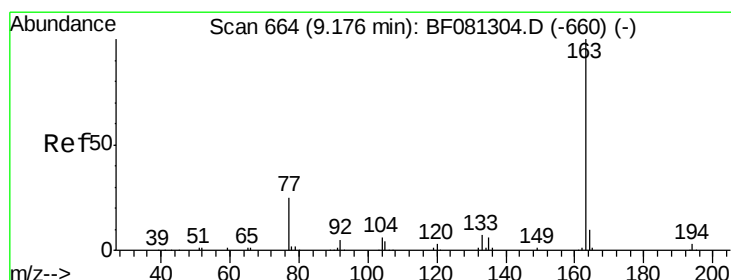
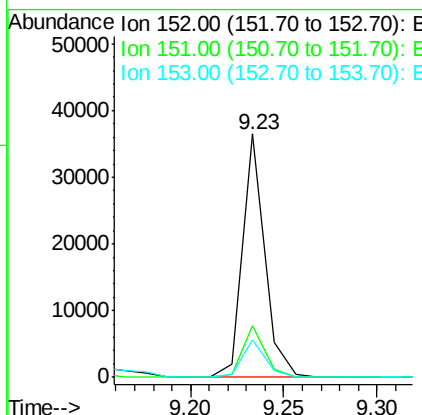
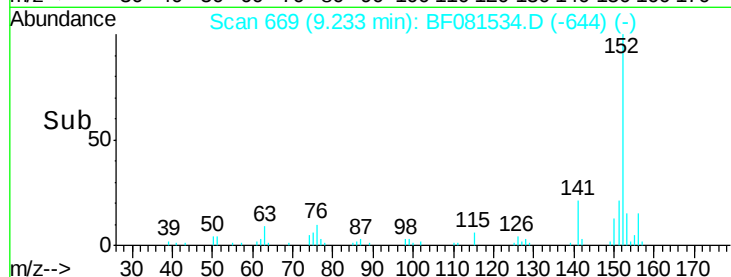
COMP-2RE



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 30379 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 21.2  | 14.6  | 22.0  |
| 153       | 15.3  | 10.3  | 15.5  |

Manual Integrations  
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9/9/2015 2:58:58 PM



#49

Dimethylphthalate

Concen: 18.29 ng

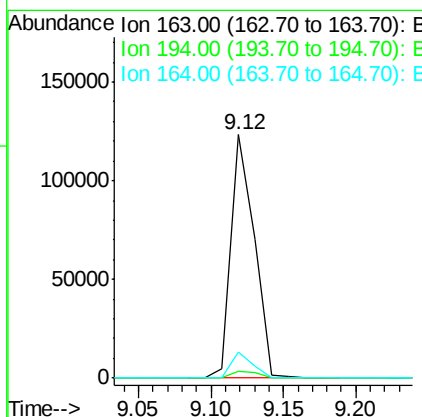
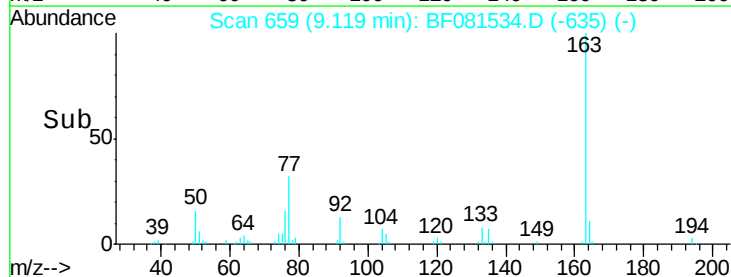
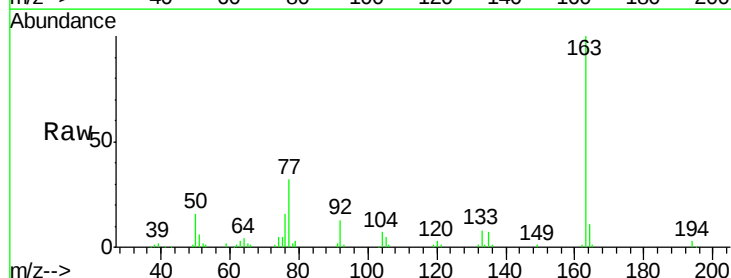
RT: 9.12 min Scan# 659

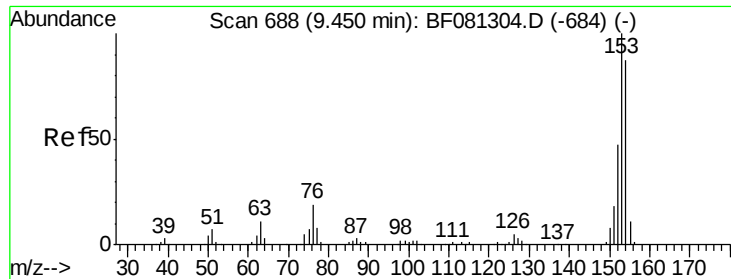
Delta R.T. -0.02 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 137533 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 2.8   | 4.4   | 6.6#   |
| 164       | 10.6  | 8.3   | 12.5   |





#51

Acenaphthene

Concen: 9.26 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081534.D

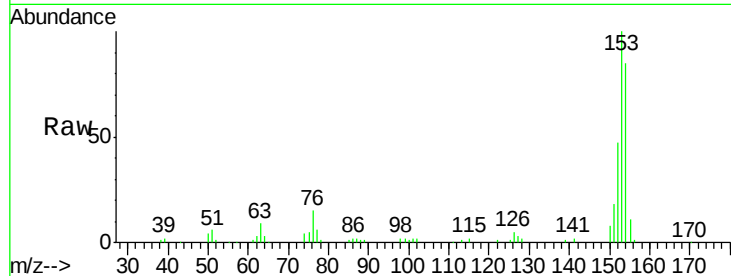
Acq: 8 Sep 2015 21:23

Instrument :

BNA\_F

ClientSampleId :

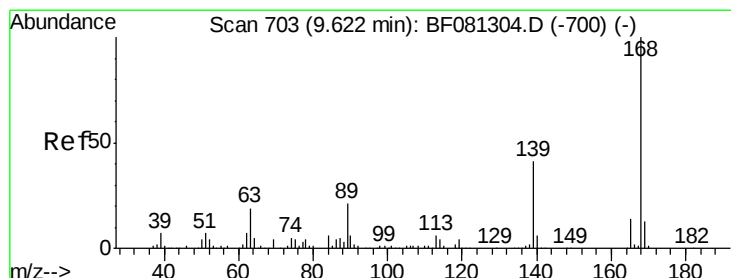
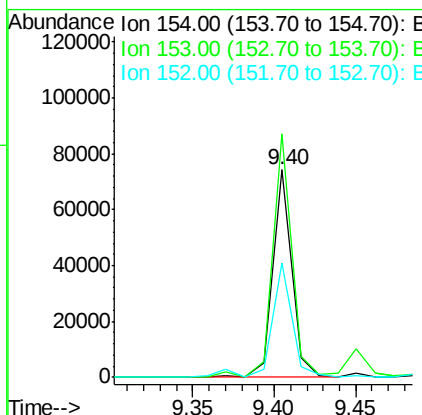
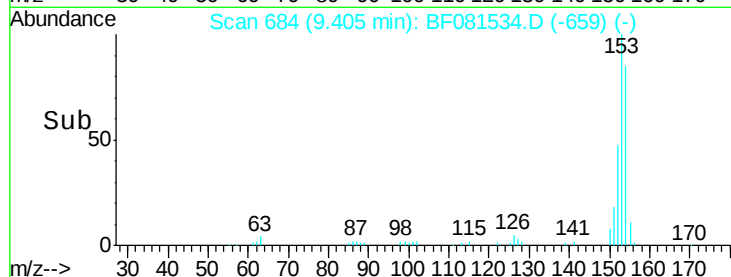
COMP-2RE



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 60055 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 117.4 | 82.1  | 123.1 |
| 152       | 55.2  | 37.9  | 56.9  |

Manual Integrations  
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#54

Dibenzofuran

Concen: 8.86 ng

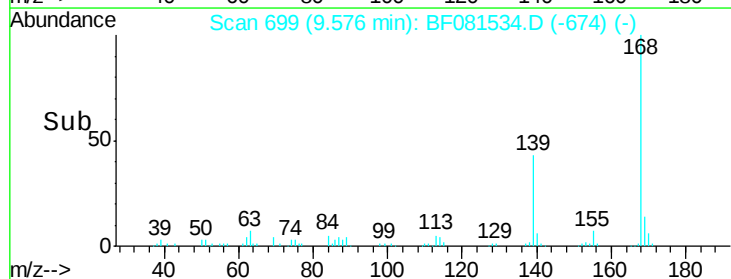
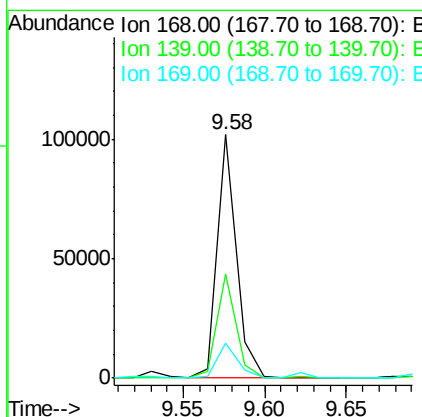
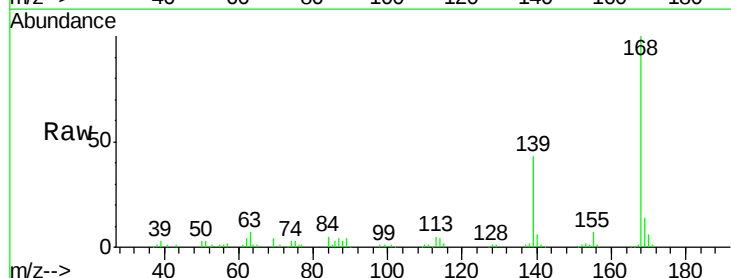
RT: 9.58 min Scan# 699

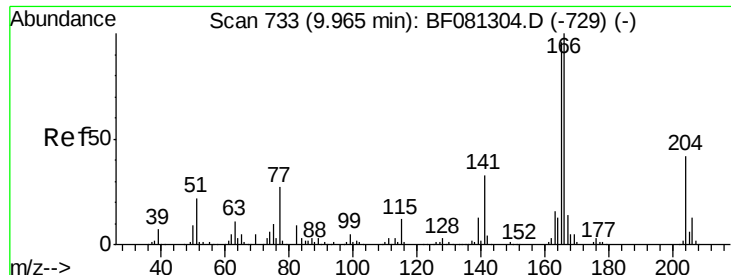
Delta R.T. -0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 83944 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 42.7  | 24.2  | 36.2# |
| 169       | 14.3  | 10.6  | 15.8  |





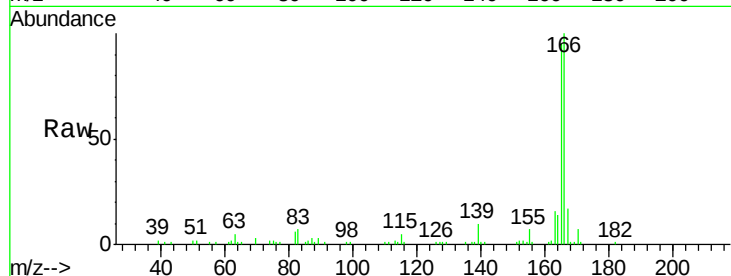
#57  
**Fluorene**  
 Concen: 8.10 ng m  
 RT: 9.92 min Scan# 729  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE

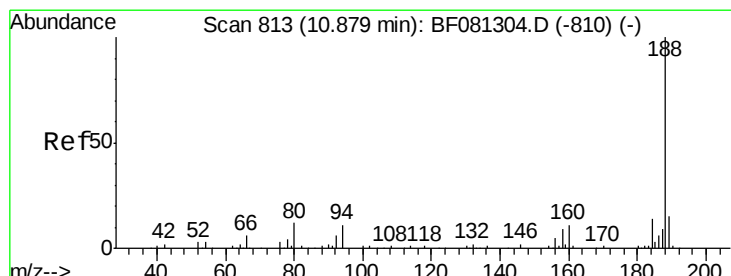
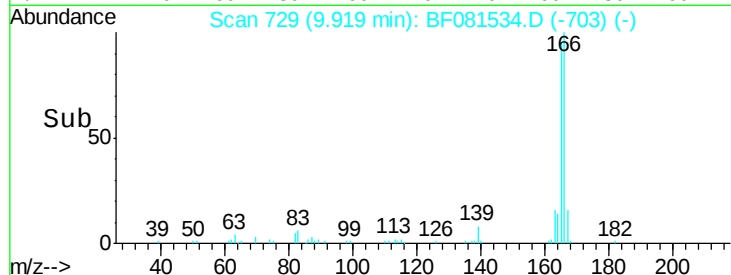
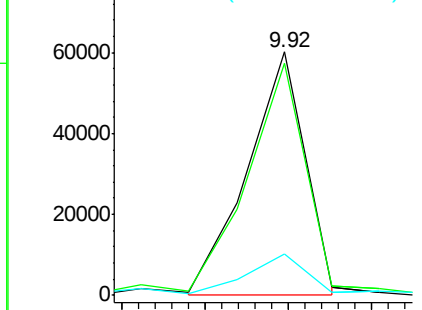
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 166     | 100   | 58233 |       |       |
| 165     | 95.4  | 72.6  | 109.0 |       |
| 167     | 16.9  | 10.6  | 16.0# |       |

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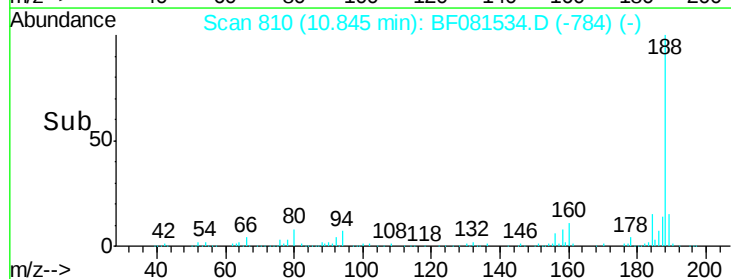
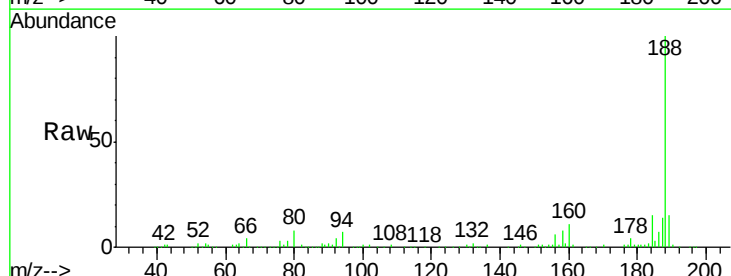
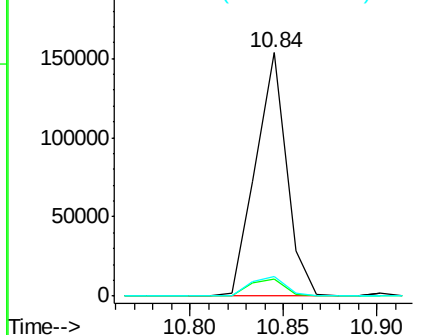
Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

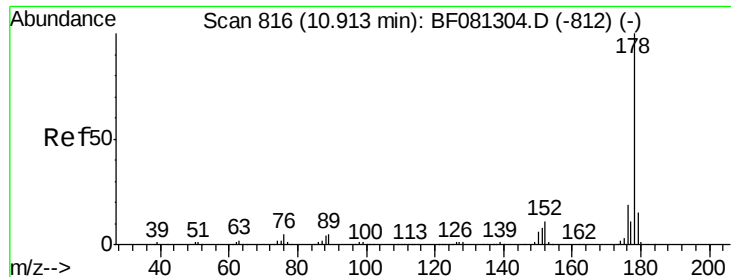


#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 10.84 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 176520 |       |       |
| 94      | 7.0   | 11.1   | 16.7# |       |
| 80      | 7.8   | 11.0   | 16.4# |       |

Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0





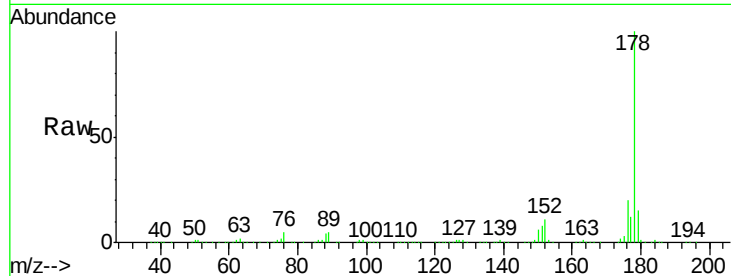
#70  
Phenanthrene  
Concen: 135.74 ng  
RT: 10.88 min Scan# 813  
Delta R.T. 0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE

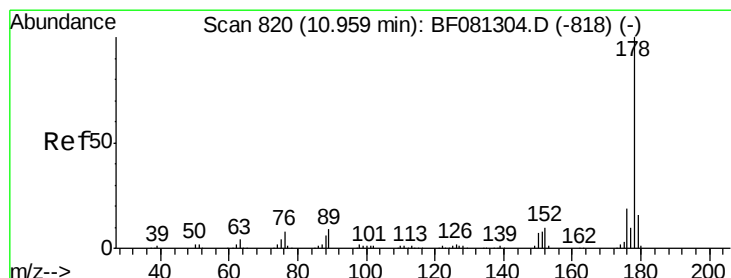
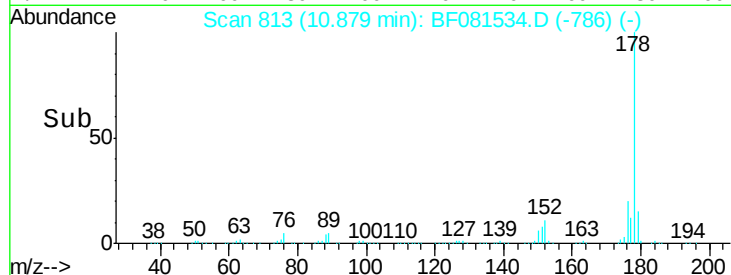
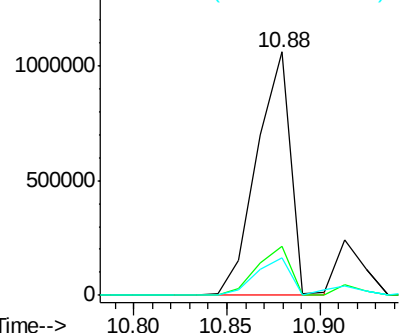
Tgt Ion:178 Resp: 1332134  
Ion Ratio Lower Upper  
178 100  
176 19.9 13.8 20.8  
179 15.4 12.2 18.2

Manual Integrations  
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MMDadoda  
9/9/2015 2:58:58 PM



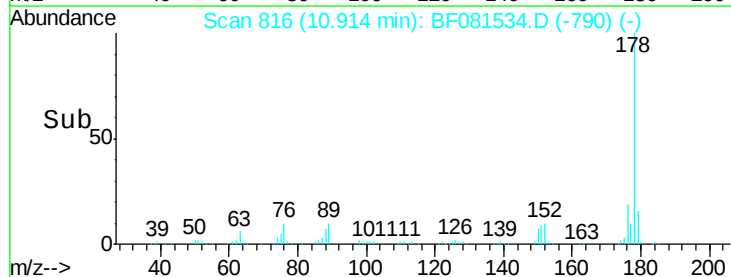
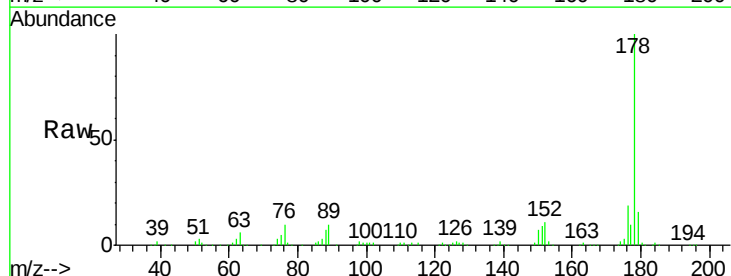
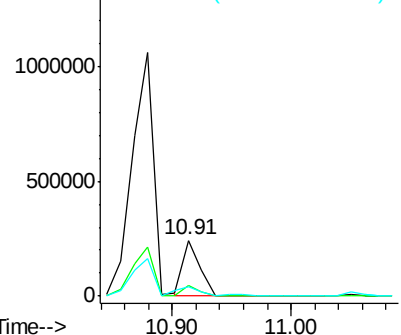
Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

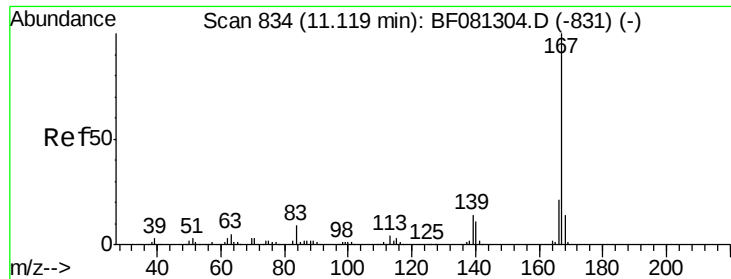


#71  
Anthracene  
Concen: 24.70 ng  
RT: 10.91 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

Tgt Ion:178 Resp: 249055  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.1 21.1  
179 16.2 12.2 18.2

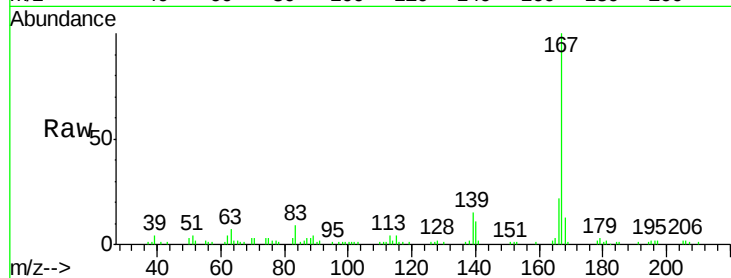
Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E





#72  
 Carbazole  
 Concen: 9.16 ng  
 RT: 11.07 min Scan# 830  
 Delta R.T. -0.01 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

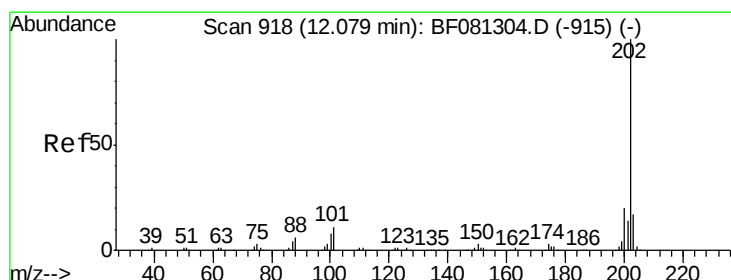
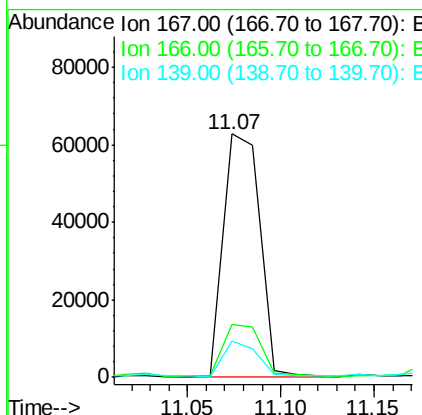
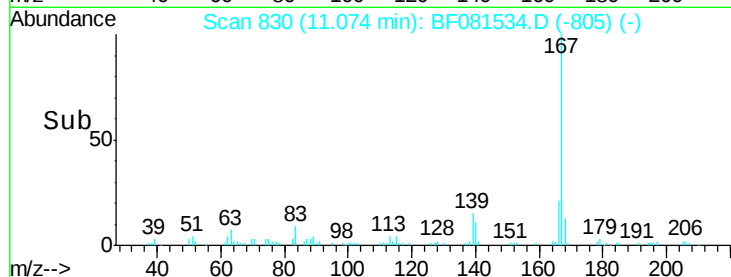
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 15.7  | 23.5  |
| 139     | 14.8  | 9.5   | 14.3  |

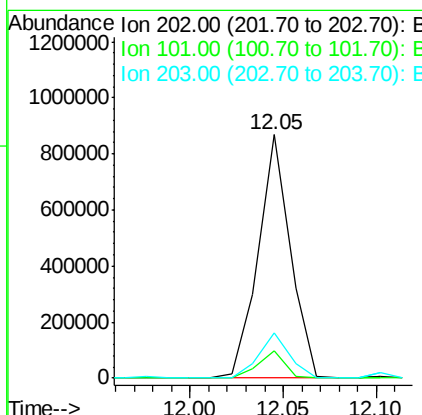
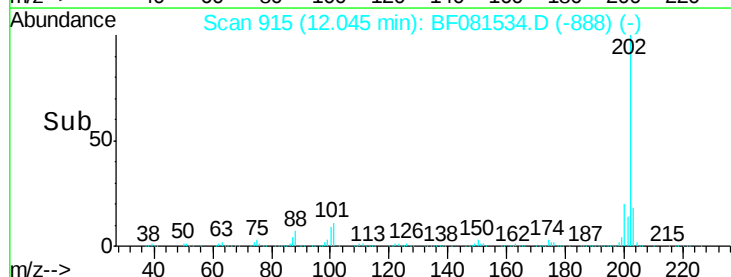
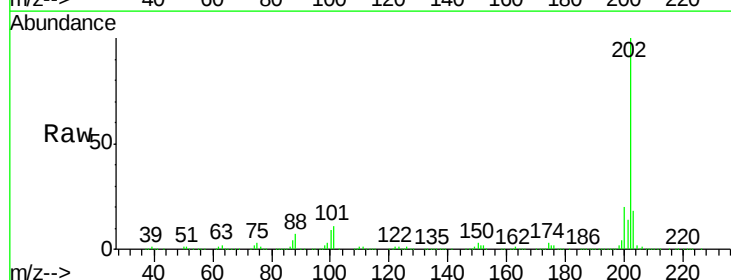
Manual Integrations  
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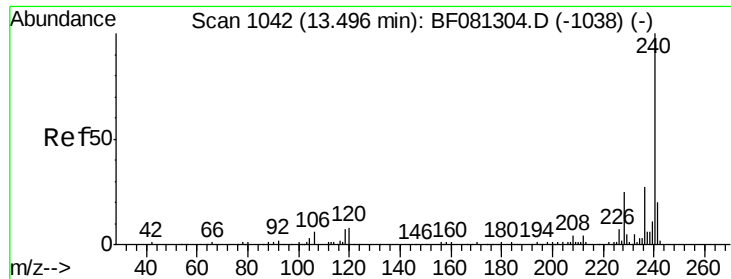
MMDadoda  
 9/9/2015 2:58:58 PM



#74  
 Fluoranthene  
 Concen: 96.86 ng  
 RT: 12.05 min Scan# 915  
 Delta R.T. 0.01 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.4  | 0.0   | 38.3  |
| 203     | 18.5  | 0.0   | 37.3  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081534.D

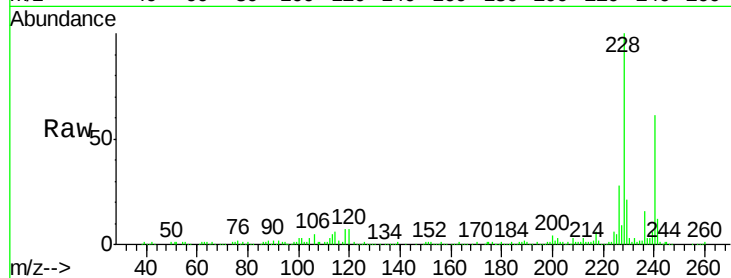
Acq: 8 Sep 2015 21:23

Instrument :

BNA\_F

ClientSampleId :

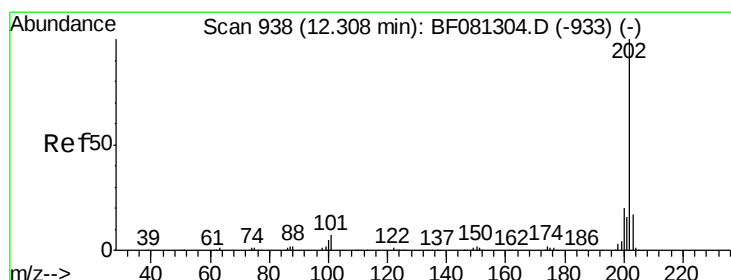
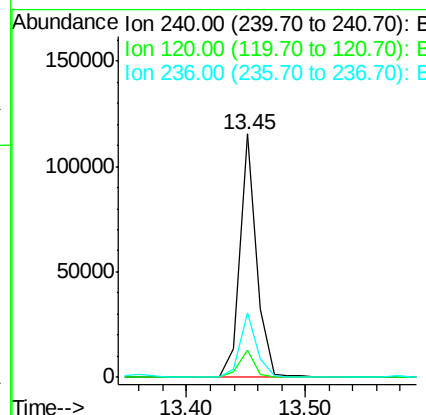
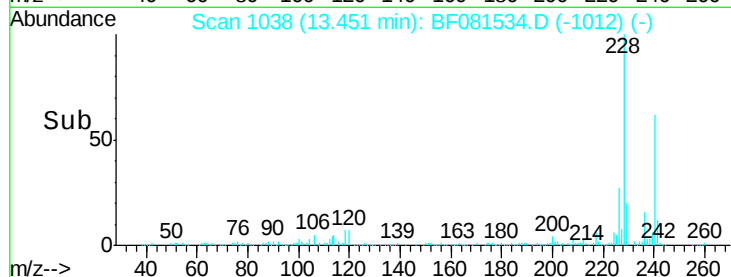
COMP-2RE



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 113550 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.0  | 16.2  | 24.2#  |
| 236       | 26.6  | 18.4  | 27.6   |

Manual Integrations  
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9/9/2015 2:58:58 PM



#77

Pyrene

Concen: 131.19 ng

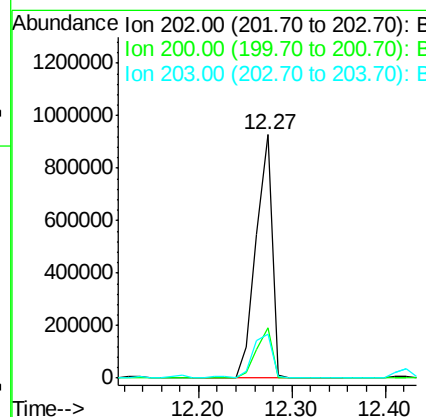
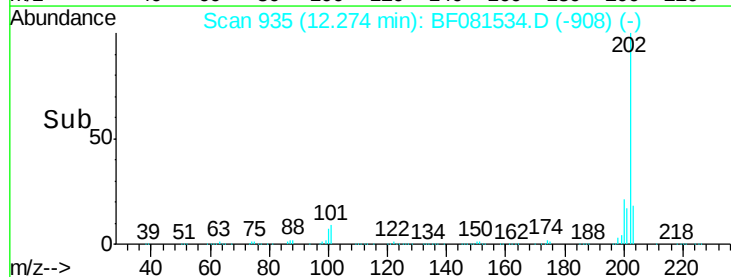
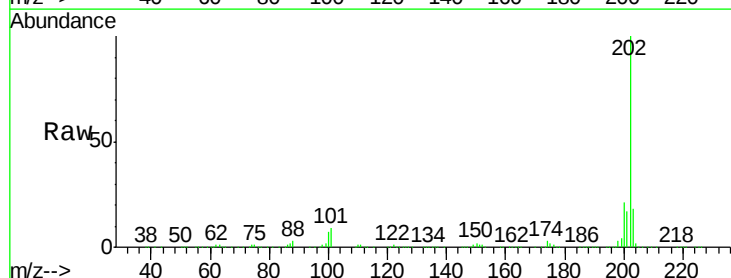
RT: 12.27 min Scan# 935

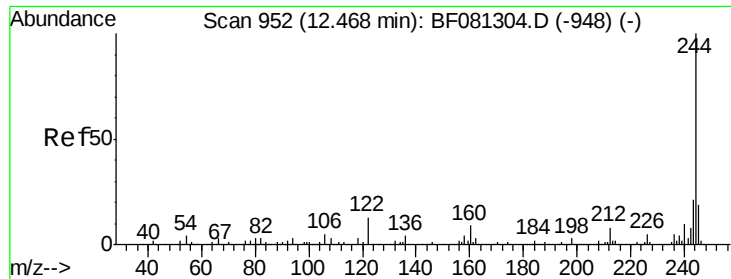
Delta R.T. 0.01 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1103440 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.7  | 15.0  | 22.4    |
| 203       | 18.0  | 14.1  | 21.1    |





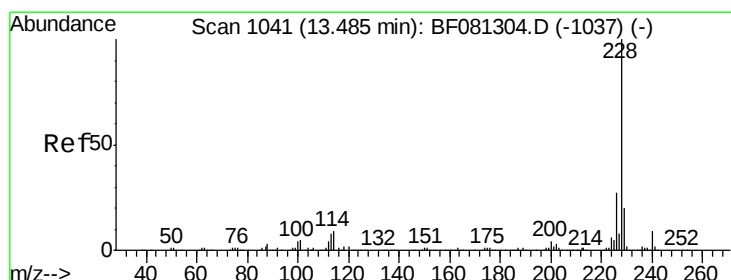
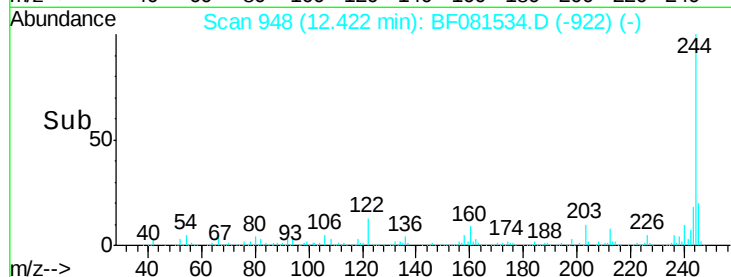
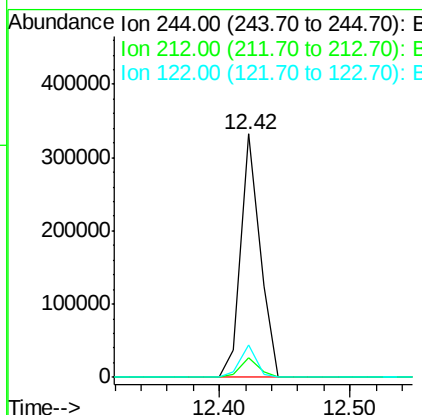
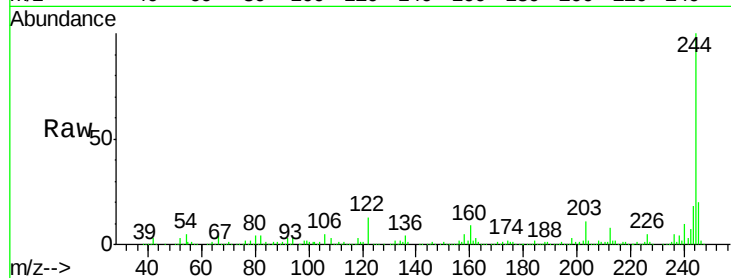
#78  
 Terphenyl-d14  
 Concen: 70.02 ng  
 RT: 12.42 min Scan# 948  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-2RE

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 8.2   | 4.3        | 6.5#       |
| 122     | 13.5  | 17.4       | 26.2#      |

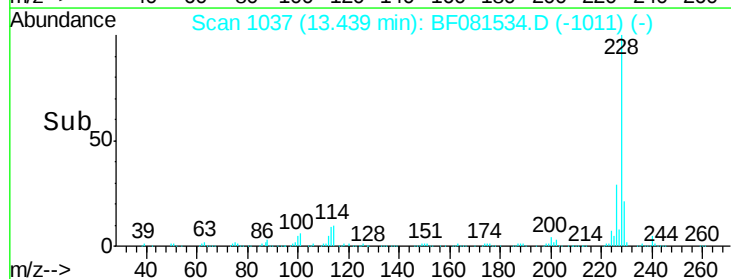
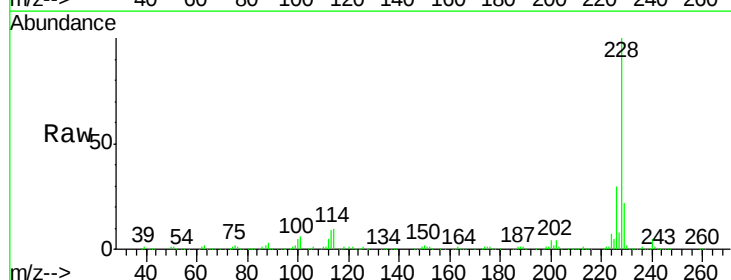
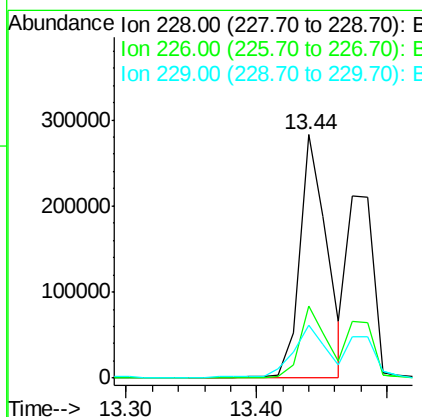
Manual Integrations  
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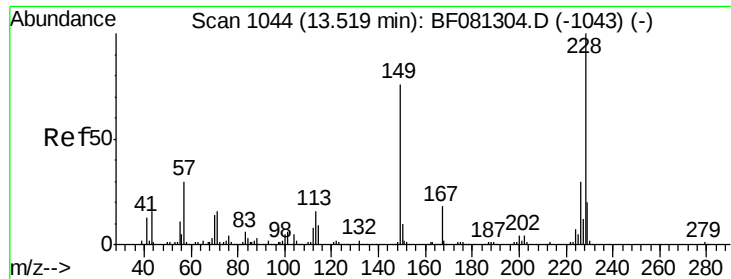
MMDadoda  
 9/9/2015 2:58:58 PM



#80  
 Benzo(a)anthracene  
 Concen: 56.20 ng  
 RT: 13.44 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BF081534.D  
 Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.5  | 20.0       | 30.0       |
| 229     | 21.5  | 15.4       | 23.2       |





#82

Chrysene

Concen: 45.37 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

Instrument :

BNA\_F

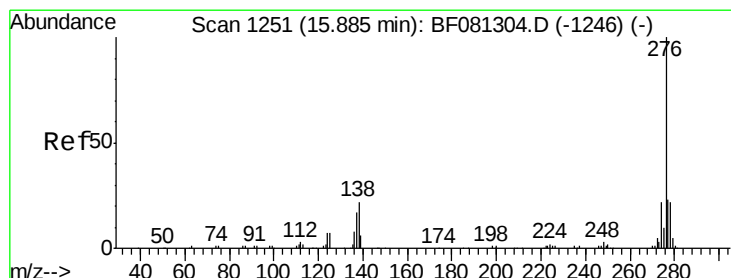
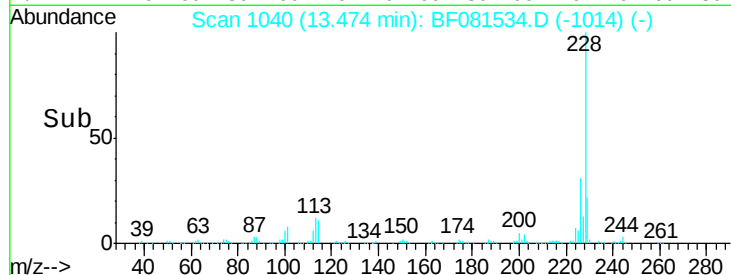
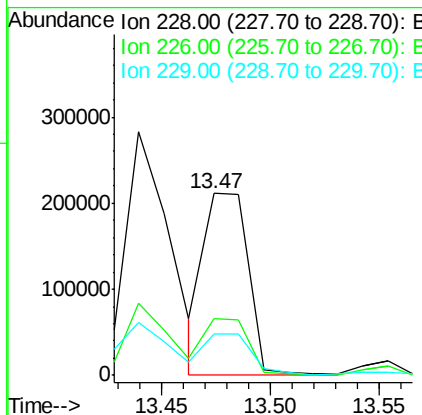
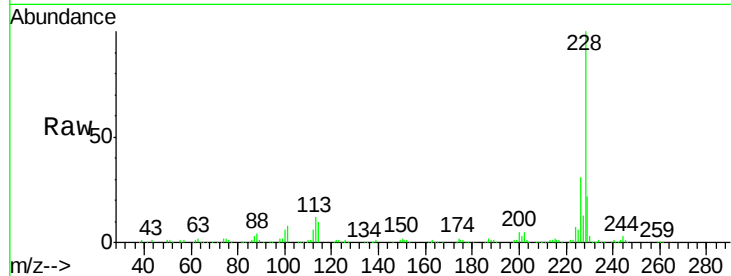
ClientSampleId :

COMP-2RE

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 294111 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 31.0 | 21.0  | 31.4   |
| 229       | 22.4 | 15.6  | 23.4   |

Manual Integrations  
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#85

Indeno(1,2,3-cd)pyrene

Concen: 32.15 ng

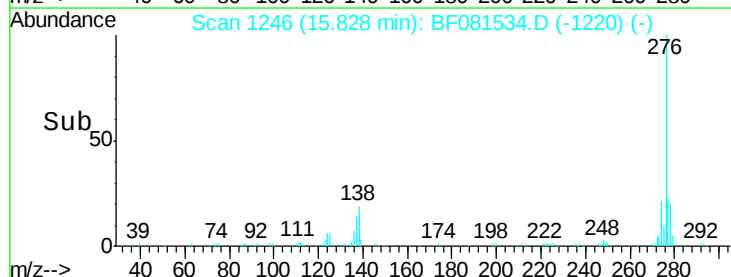
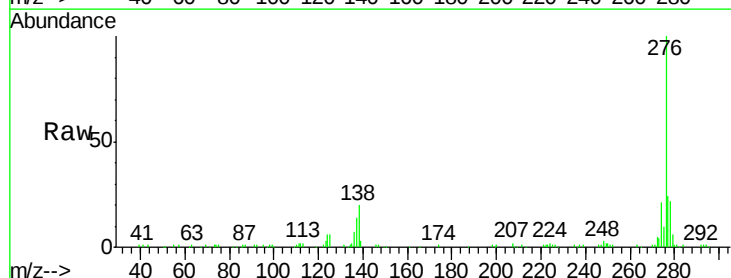
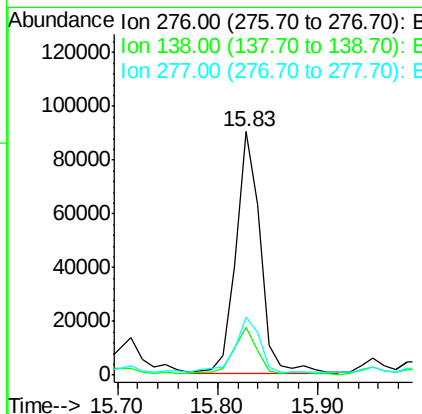
RT: 15.83 min Scan# 1246

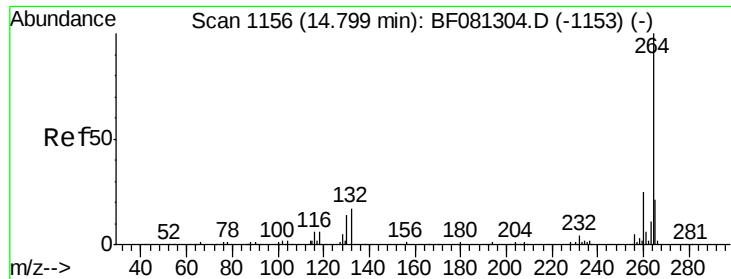
Delta R.T. 0.00 min

Lab File: BF081534.D

Acq: 8 Sep 2015 21:23

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 152895 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 21.0 | 25.7  | 38.5#  |
| 277       | 25.4 | 15.6  | 23.4#  |





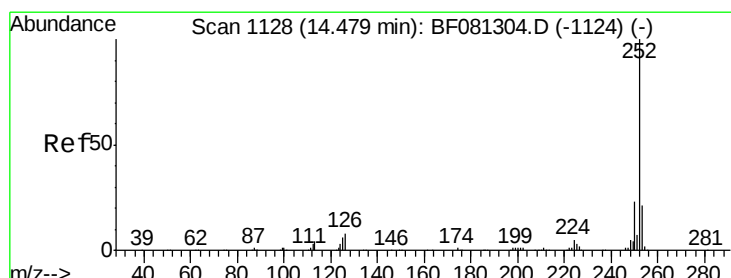
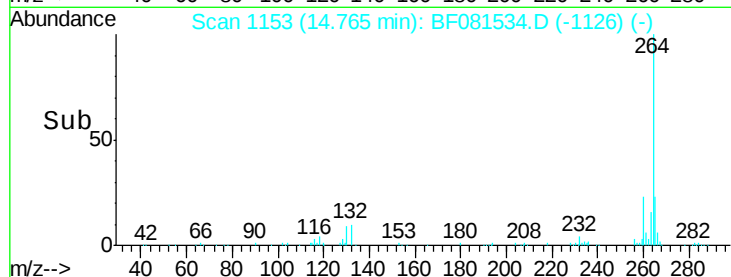
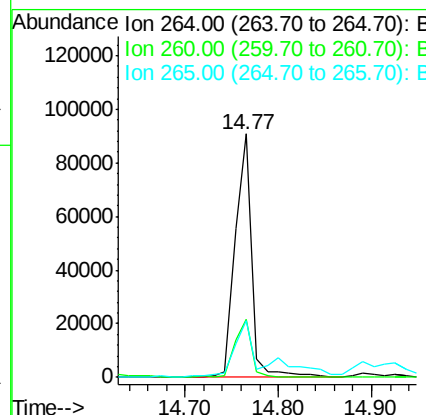
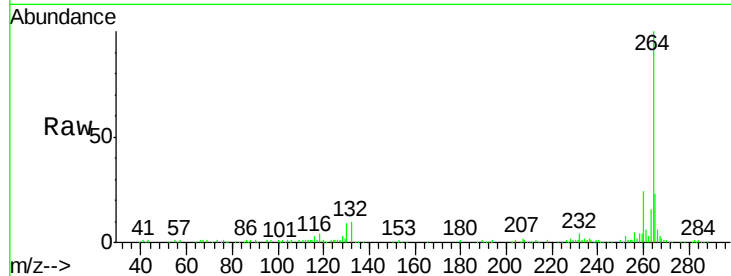
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.77 min Scan# 1153  
Delta R.T. 0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 16.7  | 25.1  |
| 265     | 23.1  | 17.2  | 25.8  |

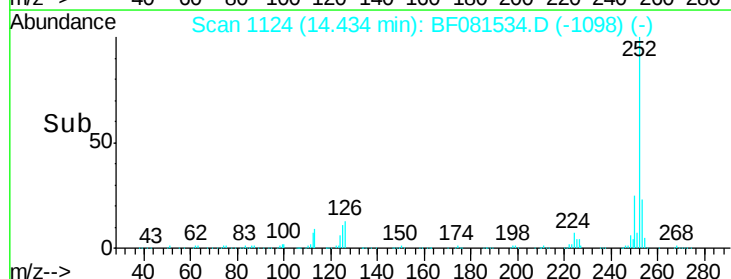
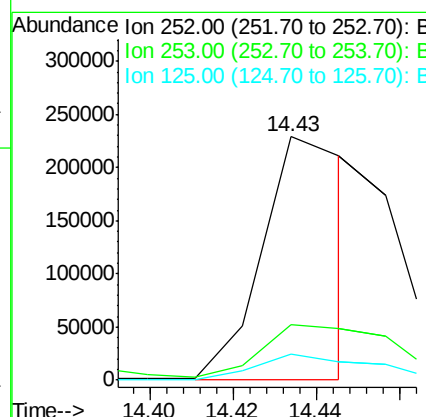
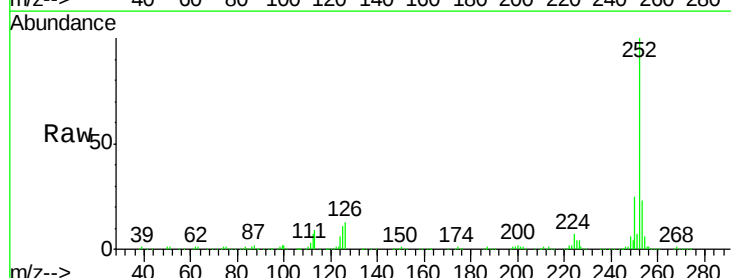
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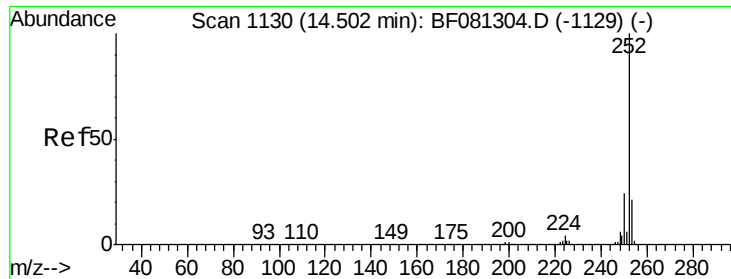
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#87  
Benzo(b)fluoranthene  
Concen: 41.74 ng m  
RT: 14.43 min Scan# 1124  
Delta R.T. 0.00 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.5  | 26.3  |
| 125     | 10.9  | 17.1  | 25.7# |





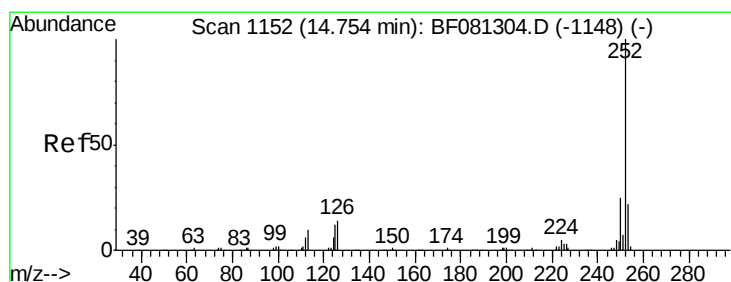
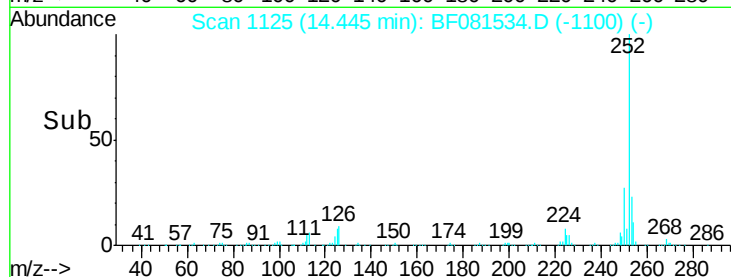
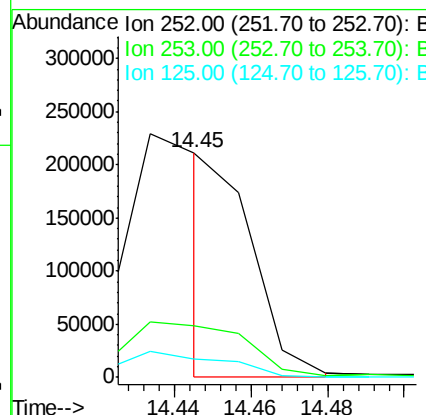
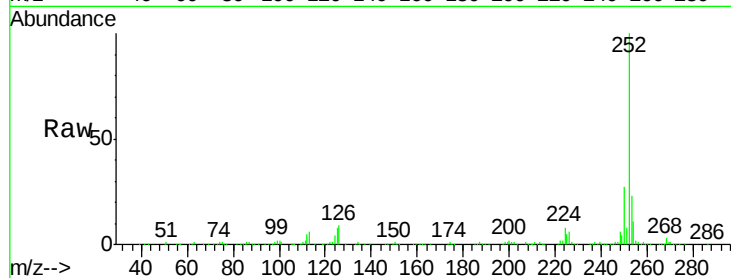
#88  
Benzo(k)fluoranthene  
Concen: 20.87 ng m  
RT: 14.45 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 139738 |       |       |
| 253     | 23.1  | 17.0   | 25.4  |       |
| 125     | 8.4   | 16.0   | 24.0  |       |

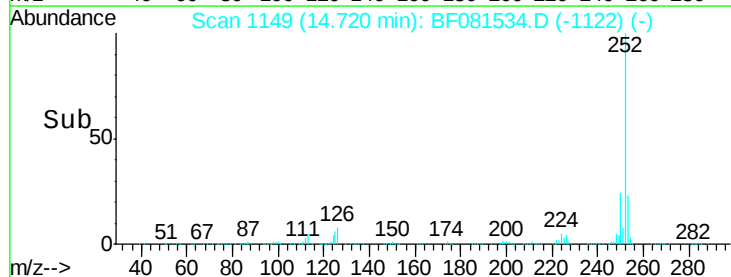
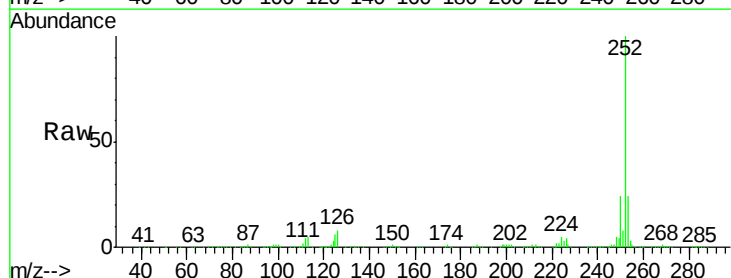
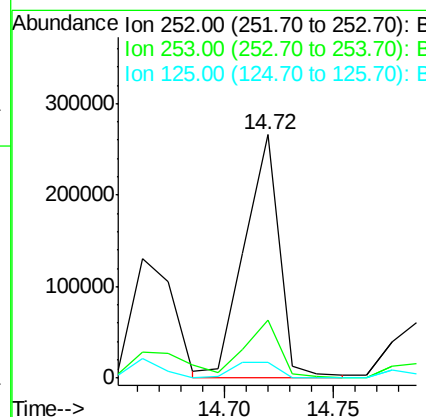
Manual Integrations  
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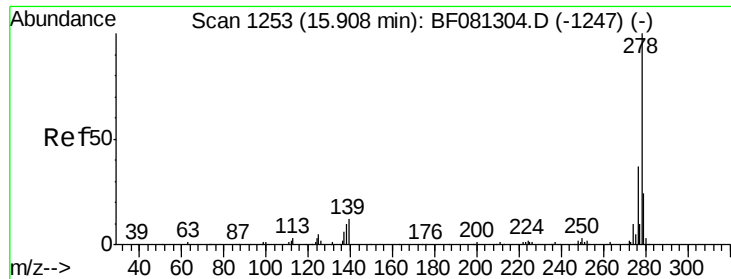
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#89  
Benzo(a)pyrene  
Concen: 43.00 ng  
RT: 14.72 min Scan# 1149  
Delta R.T. 0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 293992 |       |       |
| 253     | 23.6  | 17.2   | 25.8  |       |
| 125     | 6.4   | 18.0   | 27.0  |       |





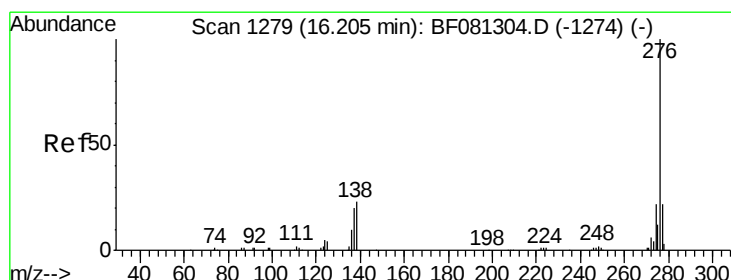
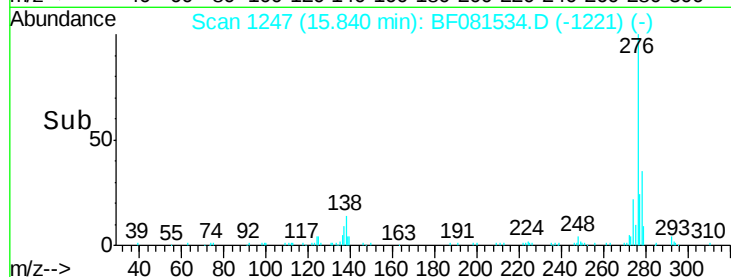
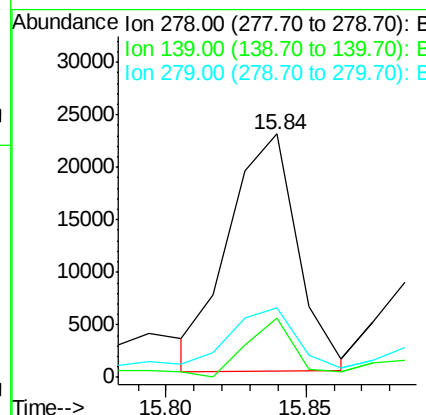
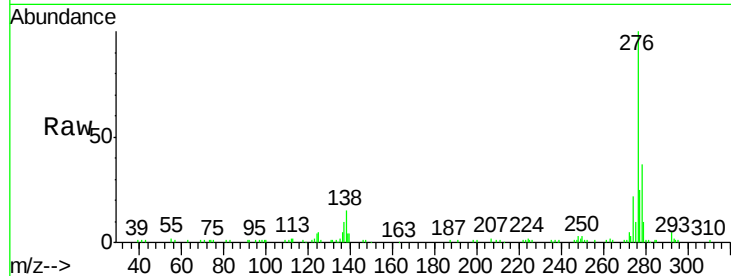
#90  
Dibenzo(a,h)anthracene  
Concen: 7.32 ng m  
RT: 15.84 min Scan# 1247  
Delta R.T. 0.00 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-2RE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.3  | 26.3  | 39.5# |
| 279     | 28.3  | 18.2  | 27.4# |

Manual Integrations  
APPROVED

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#91  
Benzo(g,h,i)perylene  
Concen: 25.56 ng  
RT: 16.15 min Scan# 1274  
Delta R.T. 0.01 min  
Lab File: BF081534.D  
Acq: 8 Sep 2015 21:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 17.8  | 26.6  |
| 138     | 19.0  | 34.6  | 51.8# |

