

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030816\  
 Data File : BM004578.D  
 Acq On : 08 Mar 2016 13:22  
 Operator : SJ/UM  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

Manual Integrations  
 APPROVED

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 3/9/2016 5:54:45 PM

Quant Time: Mar 08 14:43:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM030816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 08 13:49:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.31  | 152  | 32309    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.06 | 136  | 124908   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 13.97 | 164  | 77913    | 5.00 | ng    | 0.00     |
| 16) Phenanthrene-d10      | 16.73 | 188  | 176056   | 5.00 | ng    | 0.00     |
| 22) Chrysene-d12          | 20.98 | 240  | 137737   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.08 | 264  | 117170   | 5.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |      |      |    |      |
|--------------------------|-------|-----|------|------|----|------|
| 4) 2-Fluorophenol        | 5.19  | 112 | 451m | 0.06 | ng | 0.11 |
| 5) Phenol-d6             | 6.80  | 99  | 472m | 0.06 | ng | 0.12 |
| 7) Nitrobenzene-d5       | 8.61  | 82  | 480m | 0.08 | ng | 0.09 |
| 11) 2,4,6-Tribromophenol | 15.57 | 330 | 140  | 0.05 | ng | 0.04 |
| 12) 2-Fluorobiphenyl     | 12.63 | 172 | 1972 | 0.08 | ng | 0.03 |
| 24) Terphenyl-d14        | 19.43 | 244 | 1694 | 0.10 | ng | 0.02 |

## Target Compounds

|                            |       |     |       |      |    | Qvalue |
|----------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane             | 2.87  | 88  | 591   | 0.16 | ng | # 76   |
| 3) n-Nitrosodimethylamine  | 3.26  | 42  | 148   | 0.05 | ng | # 67   |
| 8) Naphthalene             | 10.12 | 128 | 3370  | 0.09 | ng | # 90   |
| 9) 2-Methylnaphthalene     | 11.83 | 142 | 1826  | 0.08 | ng | # 95   |
| 13) Acenaphthylene         | 13.71 | 152 | 3452  | 0.08 | ng | 99     |
| 14) Acenaphthene           | 14.04 | 154 | 2927  | 0.10 | ng | 93     |
| 15) Fluorene               | 15.08 | 166 | 2987  | 0.08 | ng | 97     |
| 17) Hexachlorobenzene      | 16.07 | 284 | 1483  | 0.14 | ng | # 36   |
| 19) Phenanthrene           | 16.78 | 178 | 5231  | 0.08 | ng | 98     |
| 20) Anthracene             | 16.91 | 178 | 4338m | 0.08 | ng |        |
| 21) Fluoranthene           | 18.87 | 202 | 5180  | 0.08 | ng | 98     |
| 23) Pyrene                 | 19.23 | 202 | 5382  | 0.10 | ng | 99     |
| 25) Benzo(a)anthracene     | 20.96 | 228 | 4003m | 0.08 | ng |        |
| 26) Chrysene               | 21.02 | 228 | 6132m | 0.06 | ng |        |
| 27) Indeno(1,2,3-cd)pyrene | 25.22 | 276 | 3684  | 0.08 | ng | 98     |
| 29) Benzo(b)fluoranthene   | 22.48 | 252 | 3742m | 0.08 | ng |        |
| 30) Benzo(k)fluoranthene   | 22.52 | 252 | 5023m | 0.11 | ng |        |
| 31) Benzo(a)pyrene         | 23.00 | 252 | 3055  | 0.07 | ng | # 60   |
| 32) Dibenzo(a,h)anthracene | 25.22 | 278 | 2827  | 0.08 | ng | # 69   |
| 33) Benzo(g,h,i)perylene   | 25.85 | 276 | 3412  | 0.09 | ng | # 83   |

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

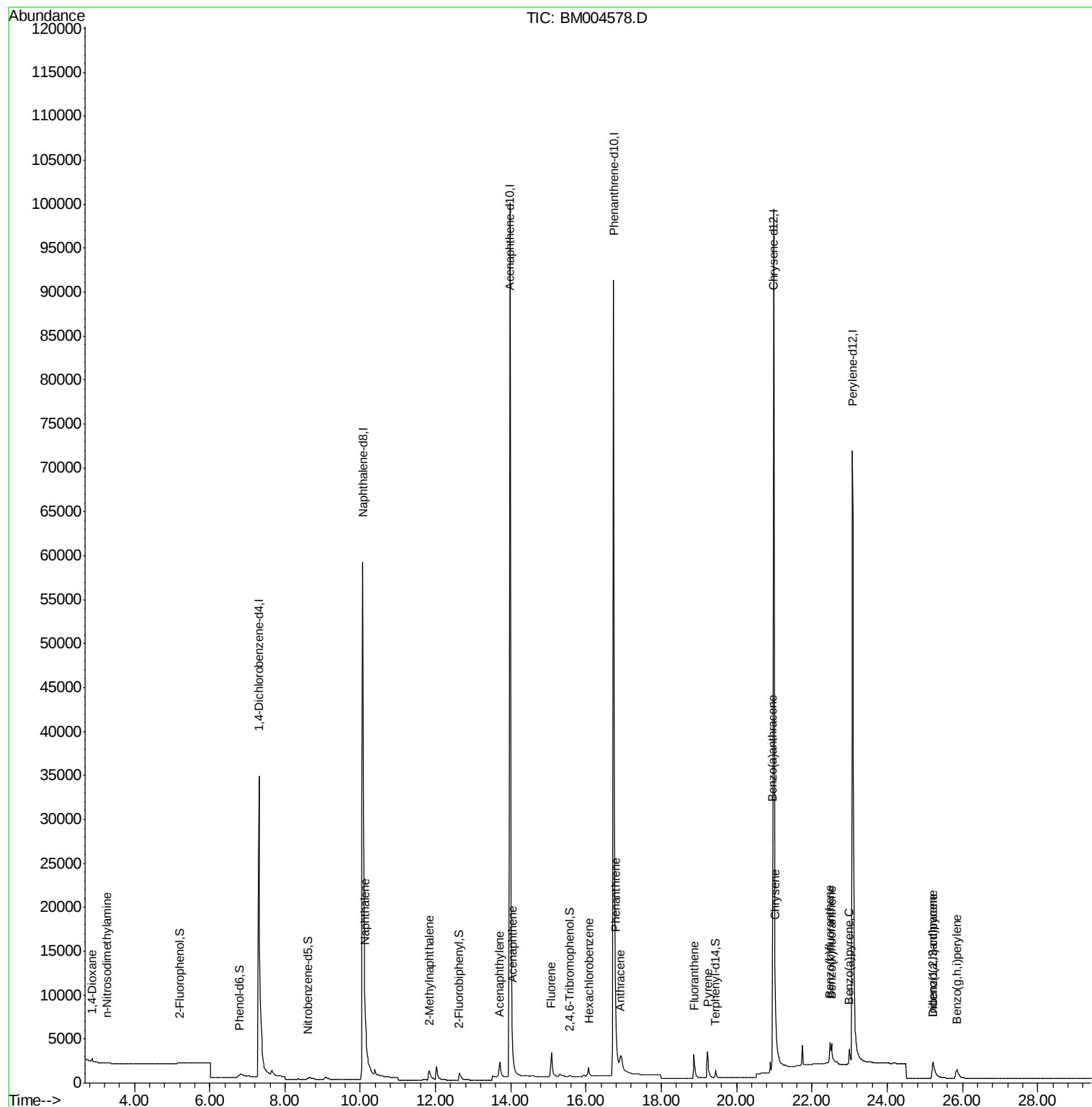
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030816\  
Data File : BM004578.D  
Acq On : 08 Mar 2016 13:22  
Operator : SJ/UM  
Sample : SSTDIC0.1  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

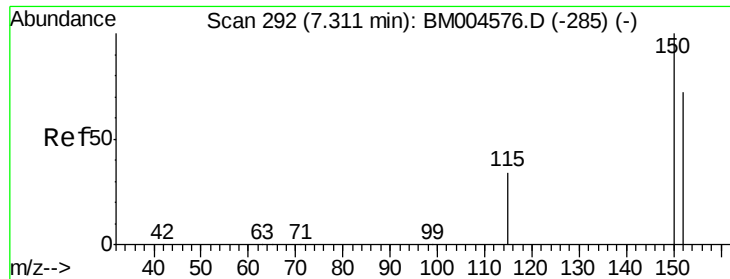
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.1

Manual Integrations  
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Quant Time: Mar 08 14:43:05 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM030816.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 08 13:49:28 2016  
Response via : Initial Calibration





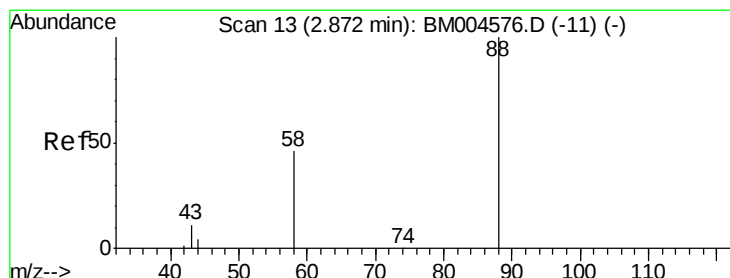
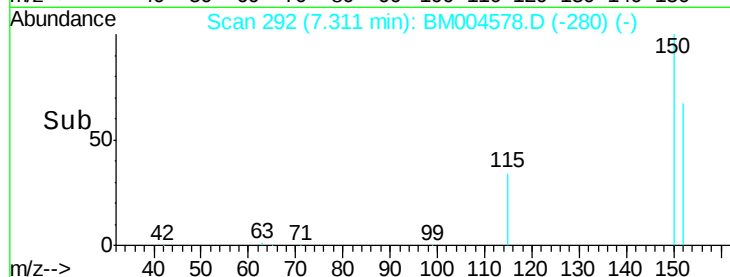
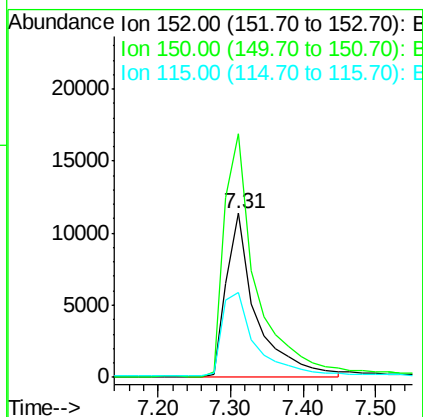
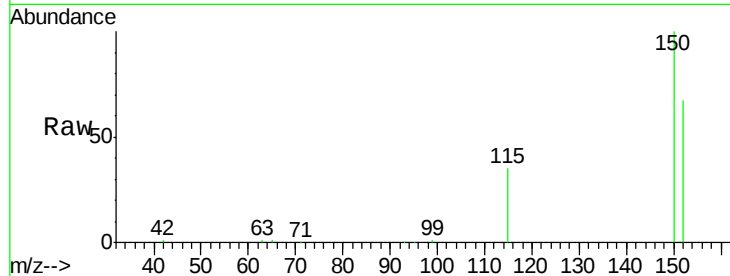
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.31 min Scan# 292  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.4 | 111.9 | 167.9 |
| 115     | 51.6  | 37.7  | 56.5  |

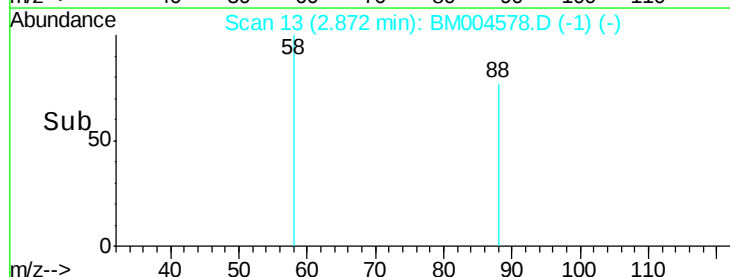
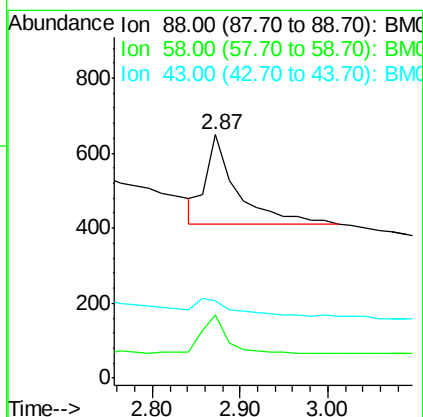
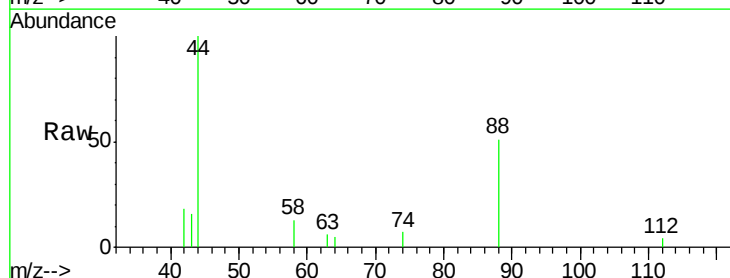
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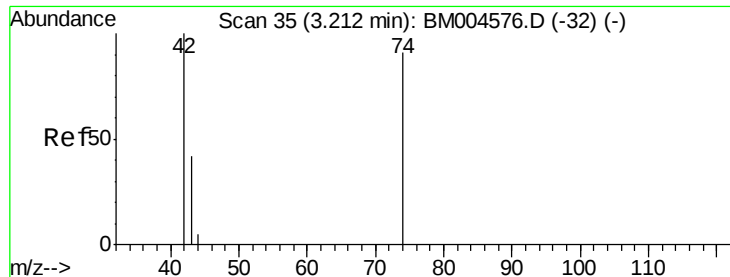
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#2  
 1,4-Dioxane  
 Concen: 0.16 ng  
 RT: 2.87 min Scan# 13  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 33.5  | 45.4  | 68.0# |
| 43      | 21.0  | 19.3  | 28.9  |





#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.26 min Scan# 38

Delta R.T. 0.05 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

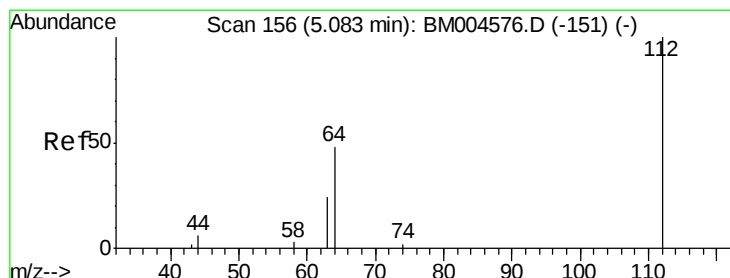
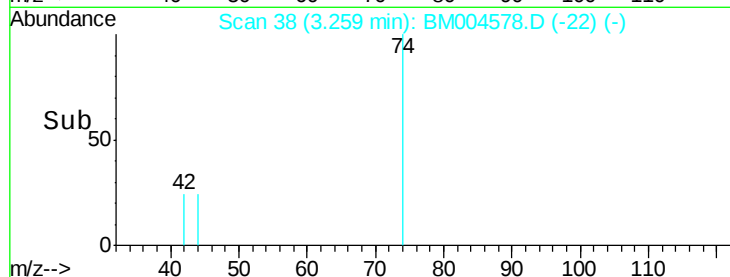
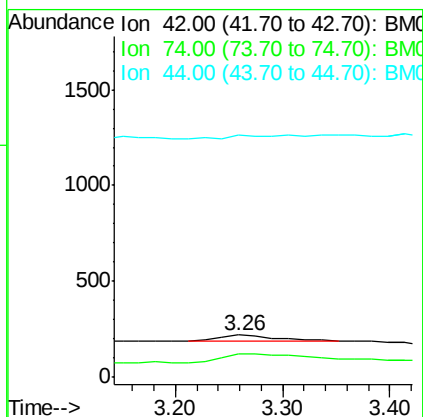
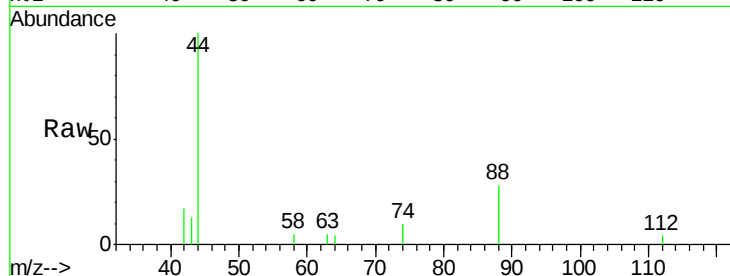
ClientSampleId :

SSTDICC0.1

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 148    |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 184.5 | 117.8 | 176.8# |
| 44        | 40.5  | 6.1   | 9.1#   |

Manual Integrations  
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#4

2-Fluorophenol

Concen: 0.06 ng m

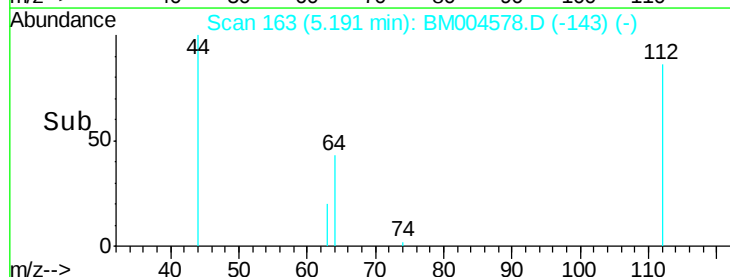
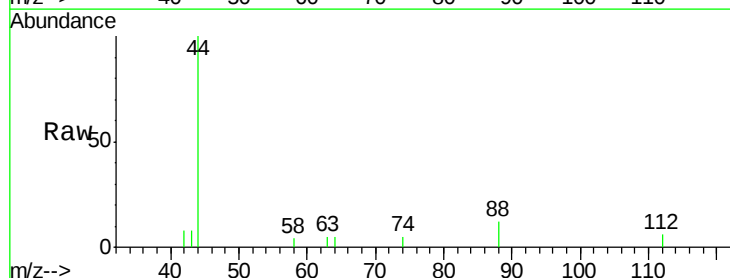
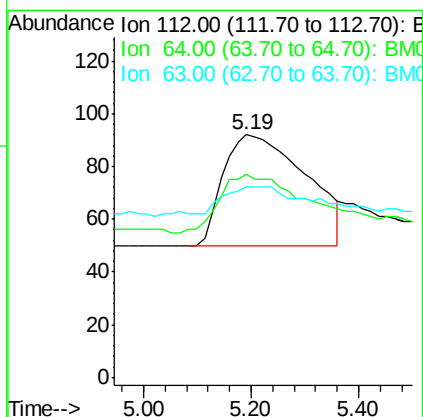
RT: 5.19 min Scan# 163

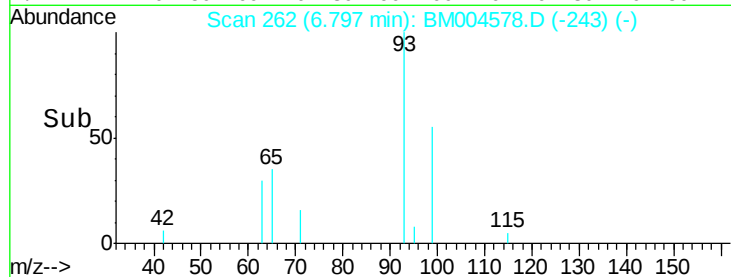
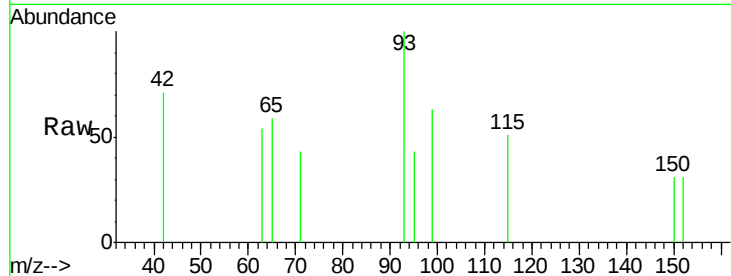
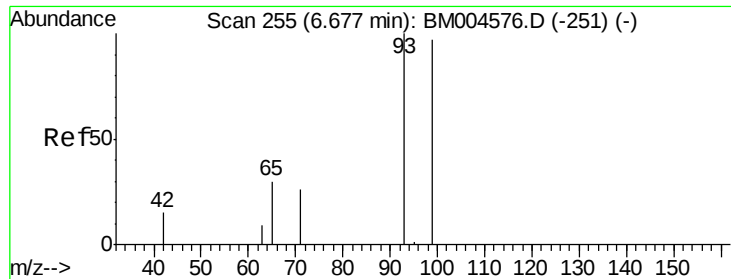
Delta R.T. 0.11 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 451   |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 22.6  | 39.6  | 59.4# |
| 63        | 3.8   | 20.0  | 30.0# |





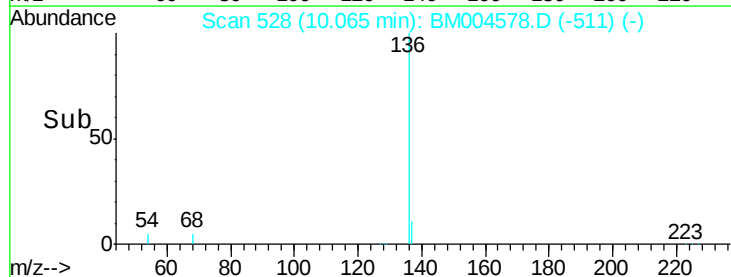
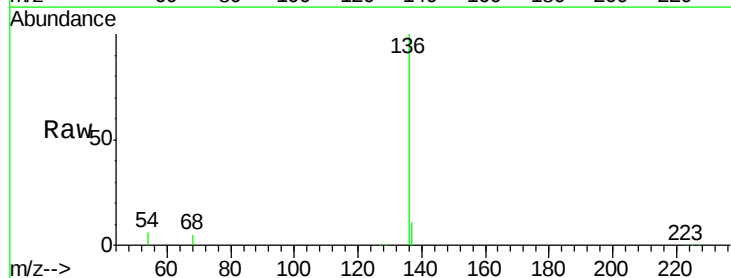
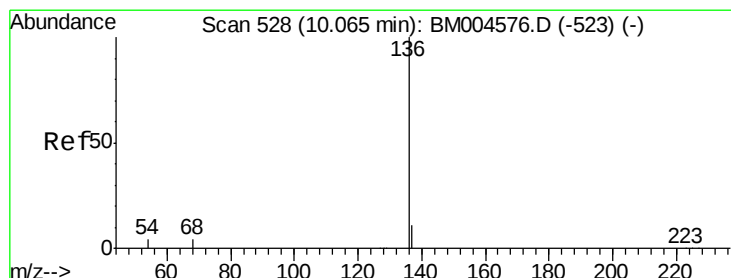
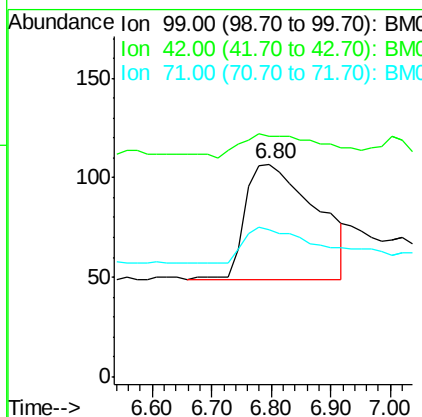
#5  
Phenol-d6  
Concen: 0.06 ng m  
RT: 6.80 min Scan# 262  
Delta R.T. 0.12 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Tgt Ion: 99 Resp: 472  
Ion Ratio Lower Upper  
99 100  
42 9.3 12.2 18.2#  
71 15.7 23.4 35.2#

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC0.1

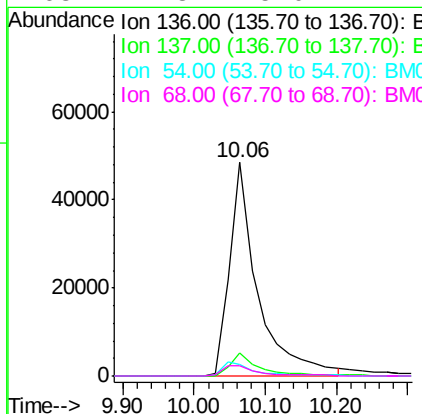
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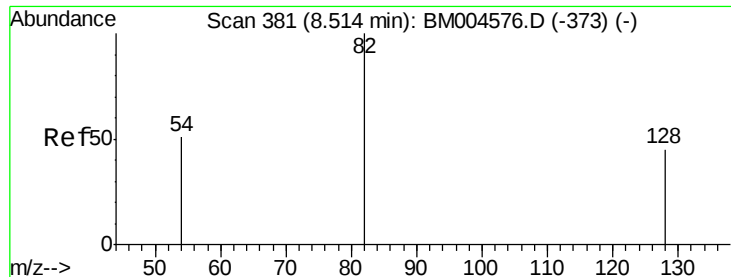
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#6  
Naphthalene-d8  
Concen: 5.00 ng  
RT: 10.06 min Scan# 528  
Delta R.T. -0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Tgt Ion: 136 Resp: 124908  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.2 12.2  
54 5.6 6.4 9.6#  
68 4.8 5.0 7.4#





#7

Nitrobenzene-d5

Concen: 0.08 ng m

RT: 8.61 min Scan# 390

Delta R.T. 0.09 min

Lab File: BM004578.D

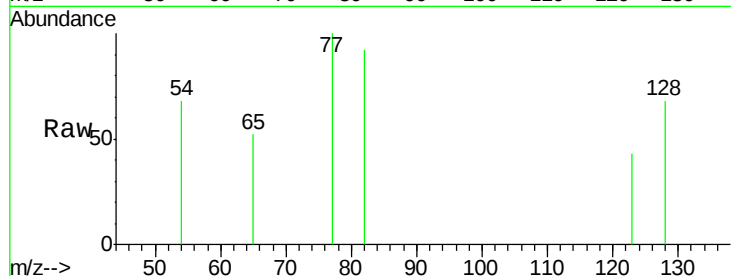
Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

ClientSampleId :

SSTDIC0.1



Tgt Ion: 82 Resp: 480

Ion Ratio Lower Upper

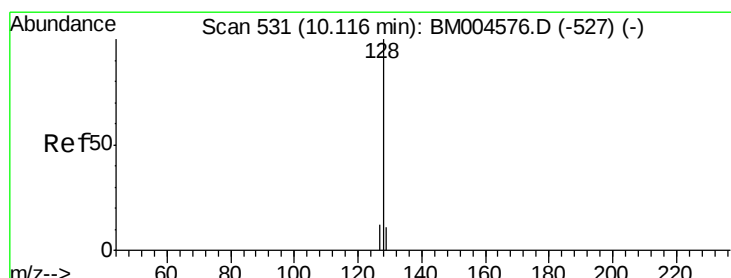
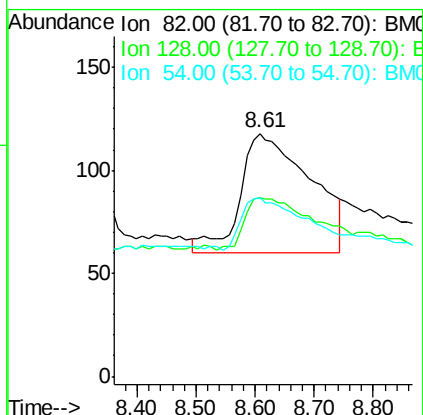
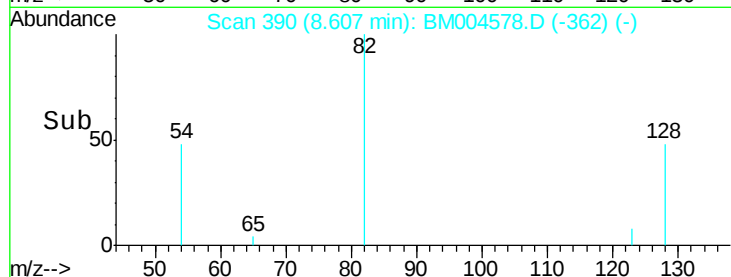
82 100

128 73.7 43.7 65.5#

54 73.7 33.5 50.3#

Manual Integrations  
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#8

Naphthalene

Concen: 0.09 ng

RT: 10.12 min Scan# 531

Delta R.T. -0.00 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

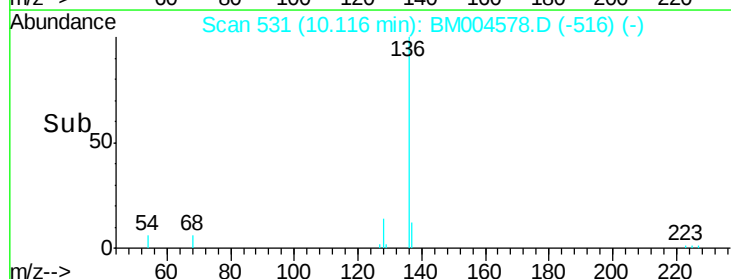
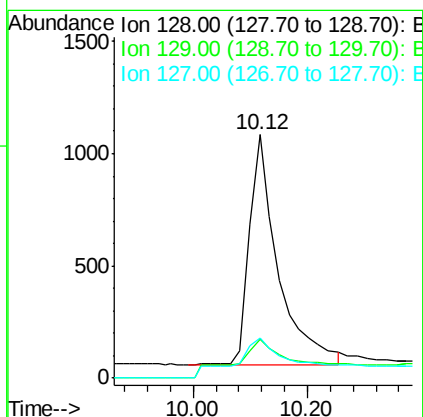
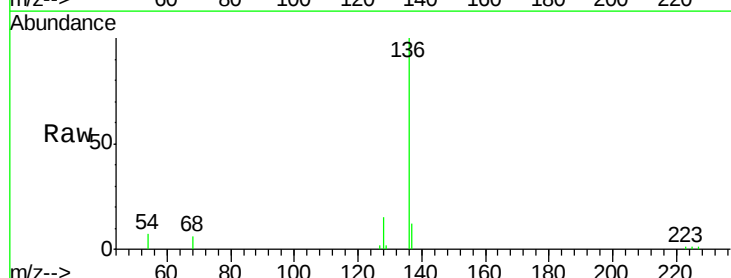
Tgt Ion: 128 Resp: 3370

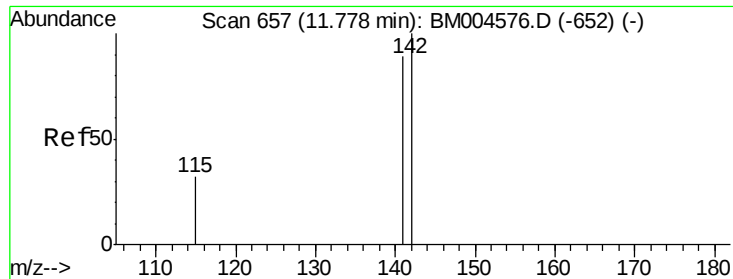
Ion Ratio Lower Upper

128 100

129 15.9 8.9 13.3#

127 16.7 10.9 16.3#





#9

2-Methylnaphthalene

Concen: 0.08 ng

RT: 11.83 min Scan# 662

Delta R.T. 0.05 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

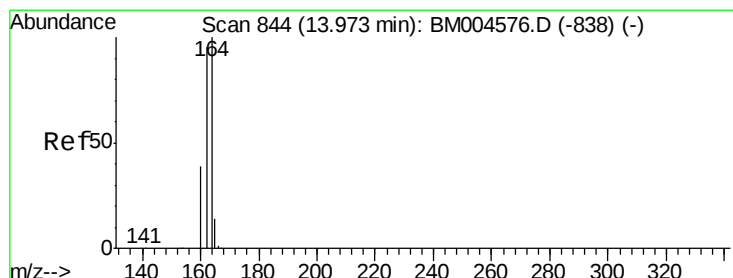
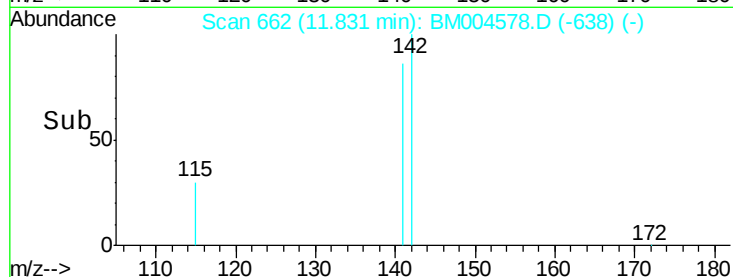
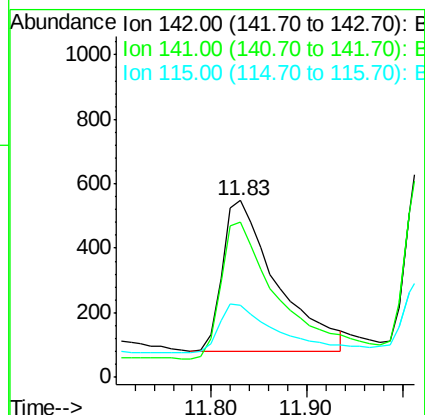
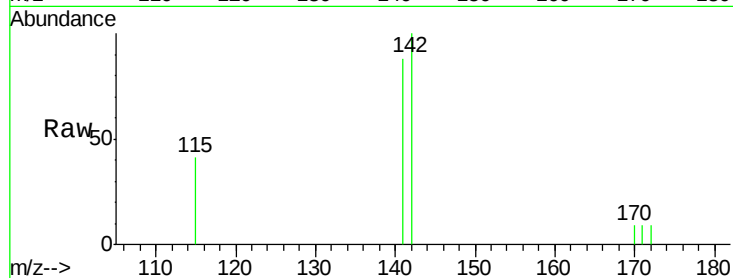
ClientSampleId :

SSTDICC0.1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 1826  |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 88.1  | 70.2  | 105.2 |
| 115       | 41.0  | 25.8  | 38.6  |

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#10

Acenaphthene-d10

Concen: 5.00 ng

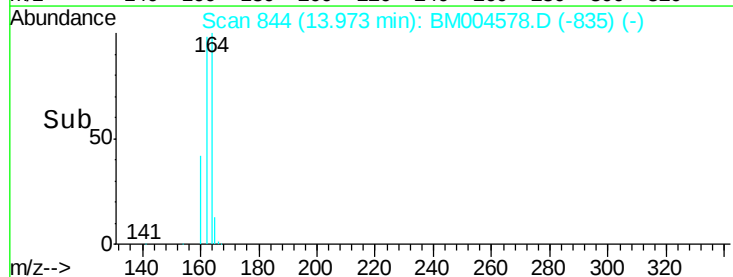
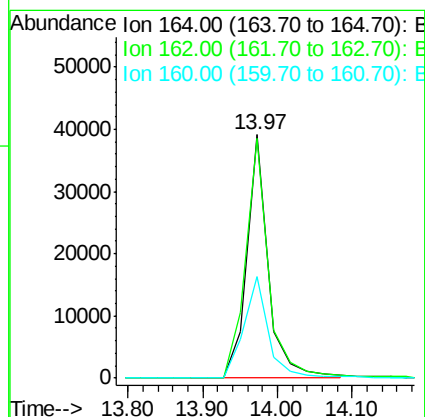
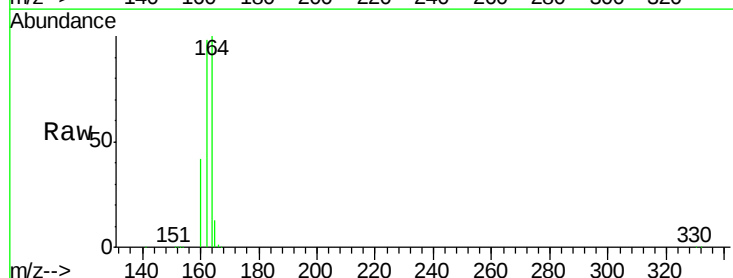
RT: 13.97 min Scan# 844

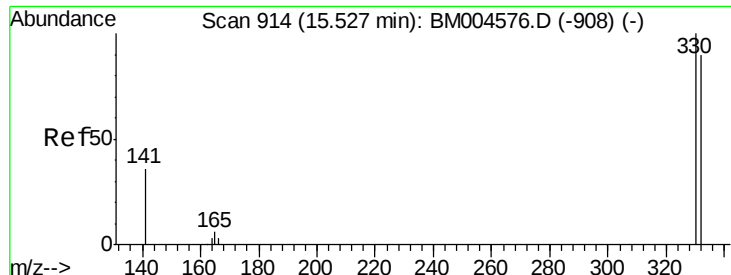
Delta R.T. -0.00 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

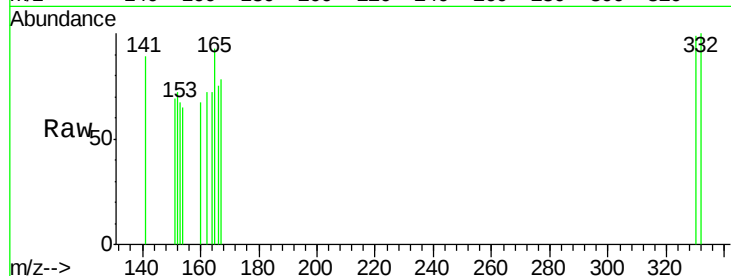
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 77913 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 98.2  | 84.2  | 126.4 |
| 160       | 41.7  | 37.4  | 56.2  |





#11  
2,4,6-Tribromophenol  
Concen: 0.05 ng  
RT: 15.57 min Scan# 916  
Delta R.T. 0.04 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

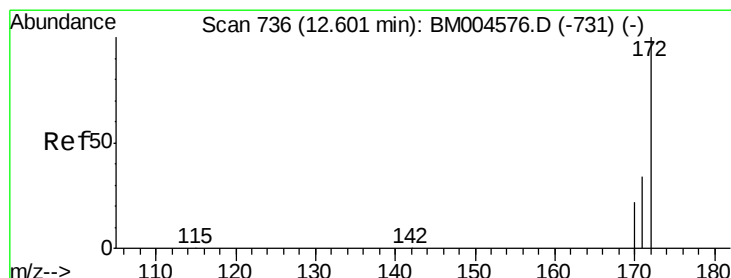
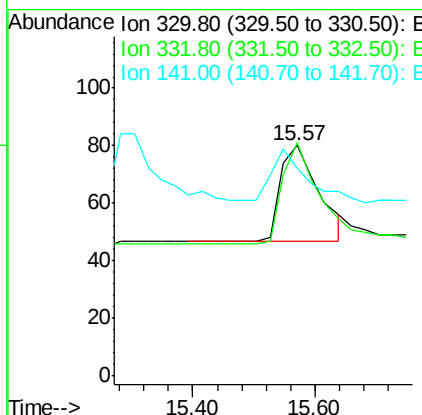
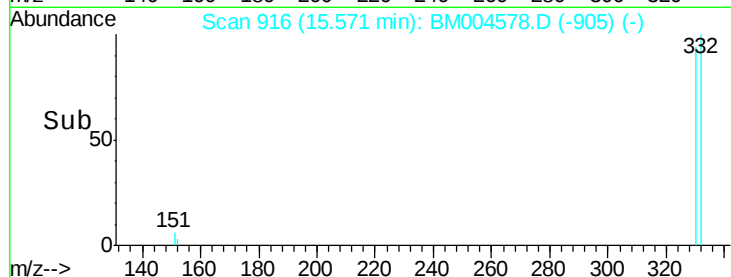
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.1



Tgt Ion: 330 Resp: 140  
Ion Ratio Lower Upper  
330 100  
332 100.0 76.1 114.1  
141 0.0 16.0 24.0#

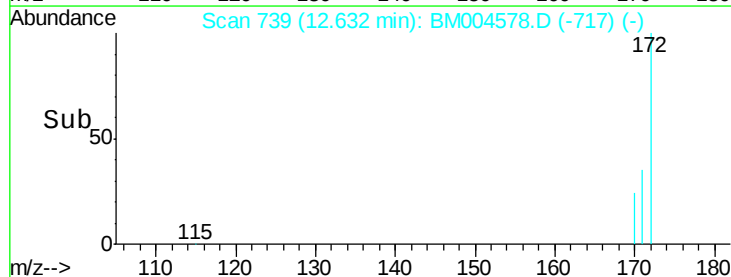
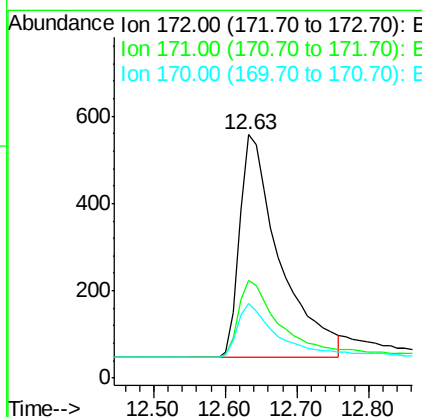
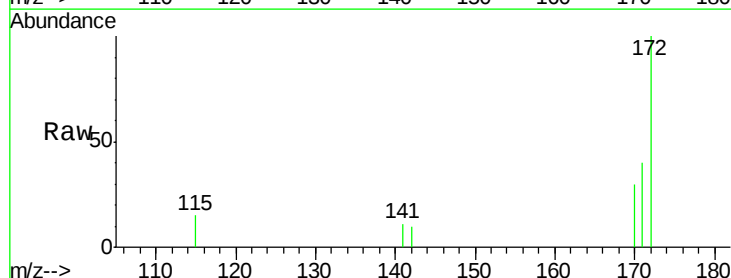
Manual Integrations  
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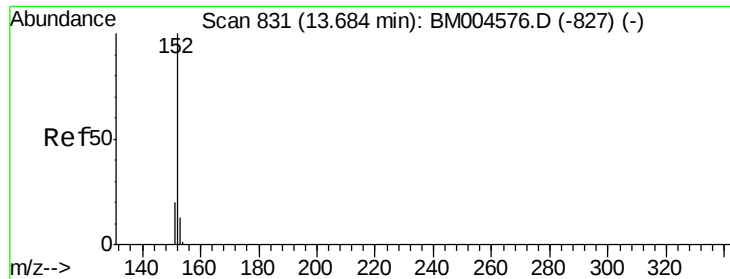
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#12  
2-Fluorobiphenyl  
Concen: 0.08 ng  
RT: 12.63 min Scan# 739  
Delta R.T. 0.03 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Tgt Ion: 172 Resp: 1972  
Ion Ratio Lower Upper  
172 100  
171 40.3 29.2 43.8  
170 30.5 19.7 29.5#





#13

Acenaphthylene

Concen: 0.08 ng

RT: 13.71 min Scan# 832

Delta R.T. 0.02 min

Lab File: BM004578.D

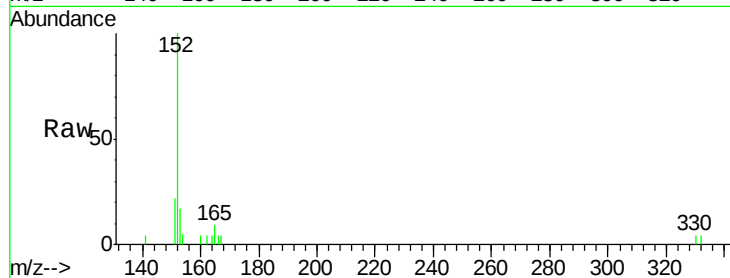
Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

ClientSampleId :

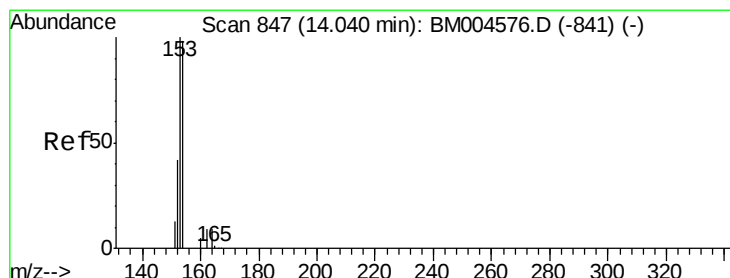
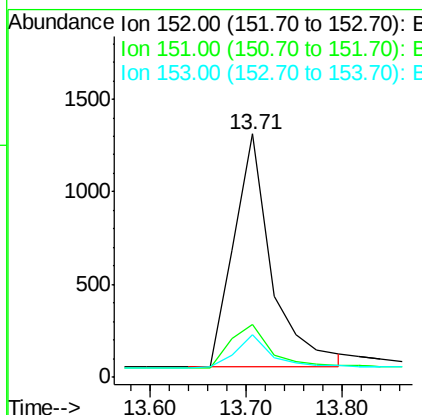
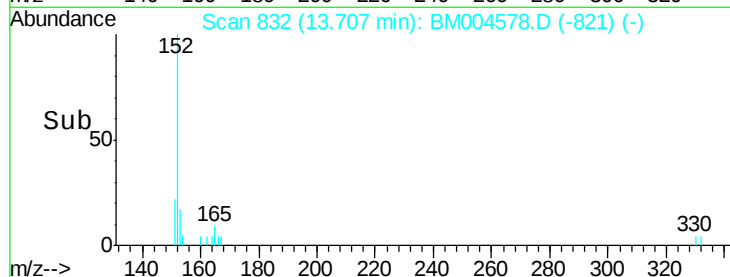
SSTDIC0.1



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 3452 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.0  | 15.8  | 23.6 |
| 153       | 12.9  | 10.2  | 15.4 |

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#14

Acenaphthene

Concen: 0.10 ng

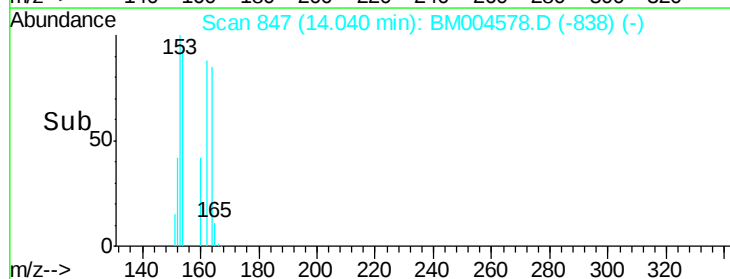
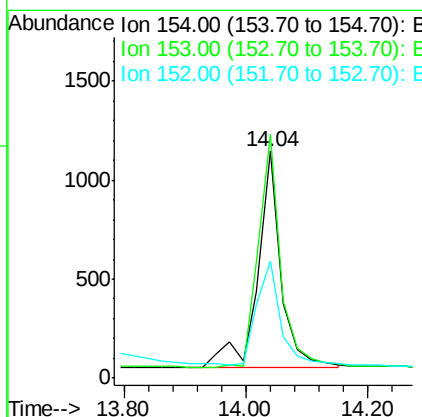
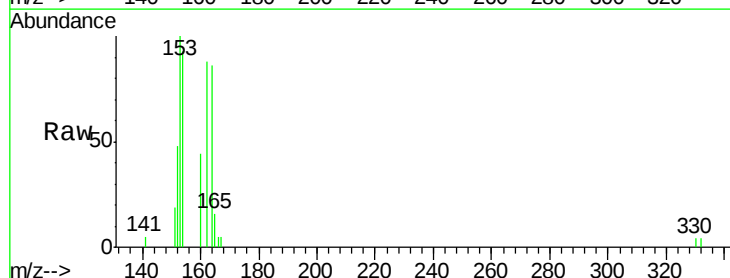
RT: 14.04 min Scan# 847

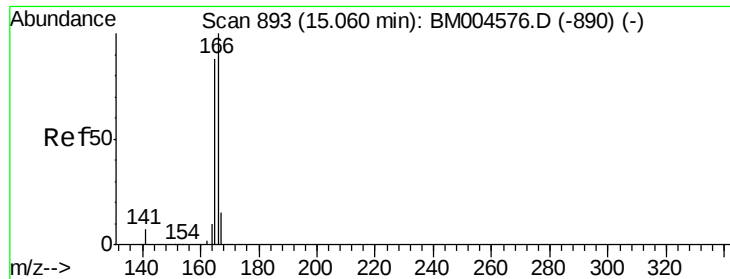
Delta R.T. -0.00 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 2927  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 101.9 | 88.0  | 132.0 |
| 152       | 46.9  | 41.1  | 61.7  |





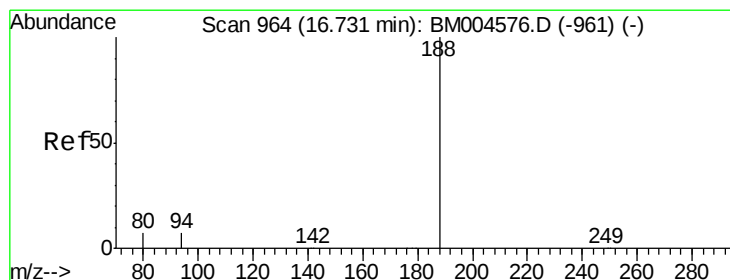
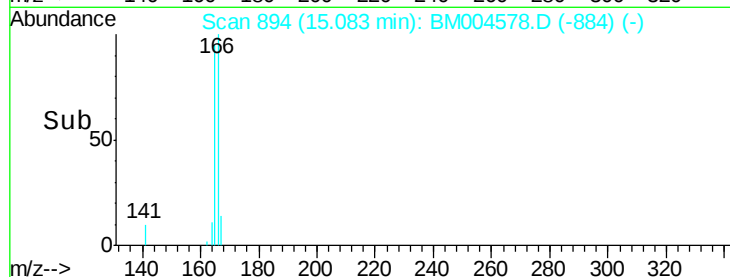
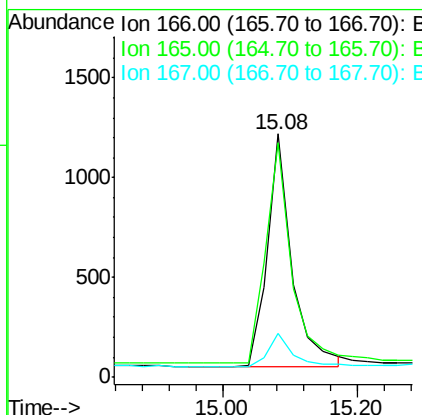
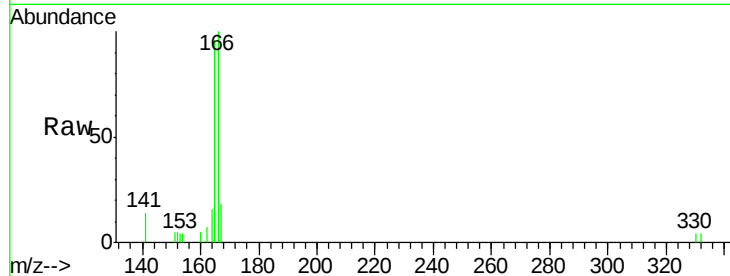
#15  
**Fluorene**  
 Concen: 0.08 ng  
 RT: 15.08 min Scan# 894  
 Delta R.T. 0.02 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.6  | 77.2  | 115.8 |
| 167     | 14.0  | 10.9  | 16.3  |

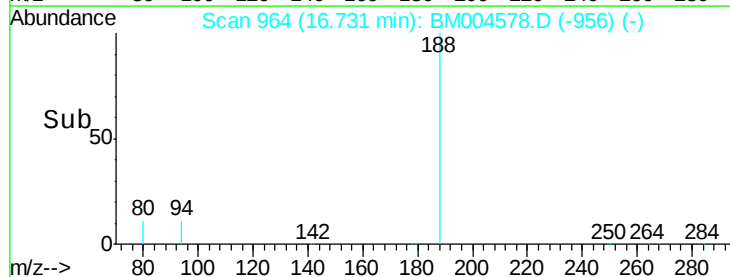
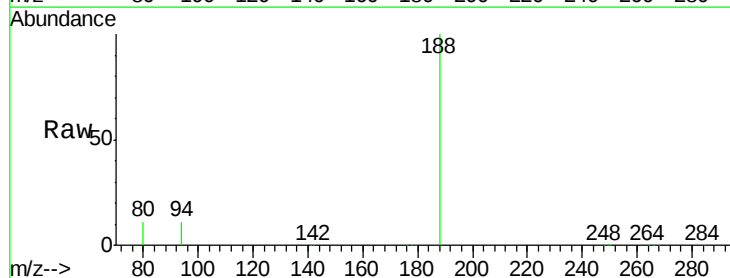
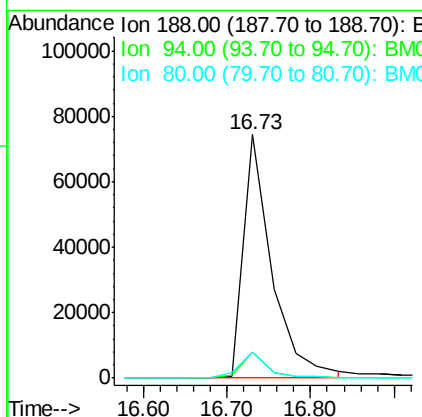
Manual Integrations  
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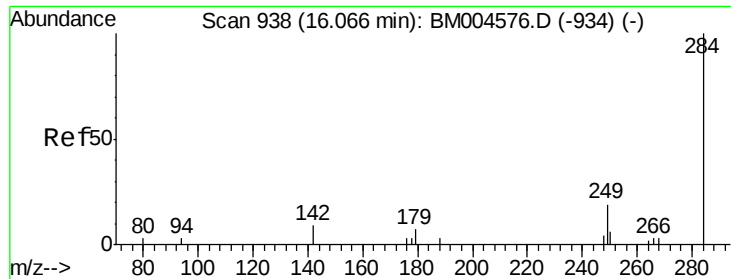
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#16  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 16.73 min Scan# 964  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.8  | 7.4   | 11.0  |
| 80      | 10.6  | 6.9   | 10.3  |





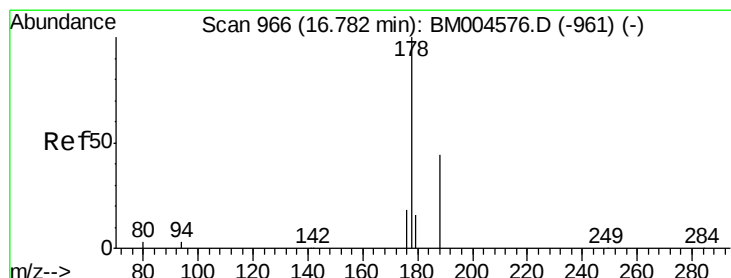
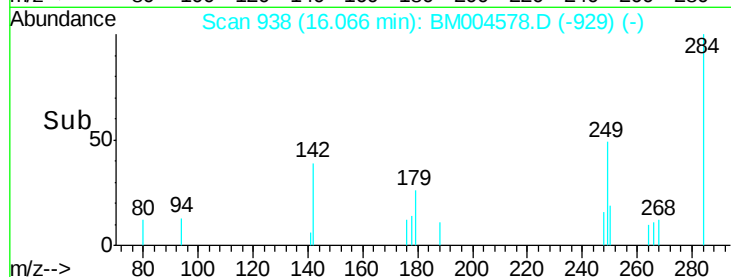
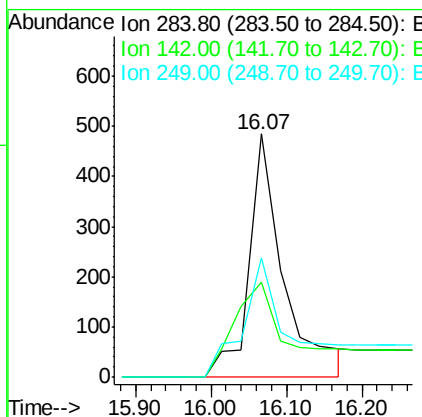
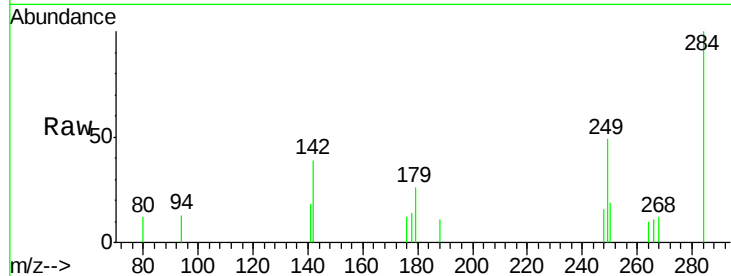
#17  
Hexachlorobenzene  
Concen: 0.14 ng  
RT: 16.07 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 57.0  | 20.8  | 31.2# |
| 249     | 66.6  | 24.0  | 36.0# |

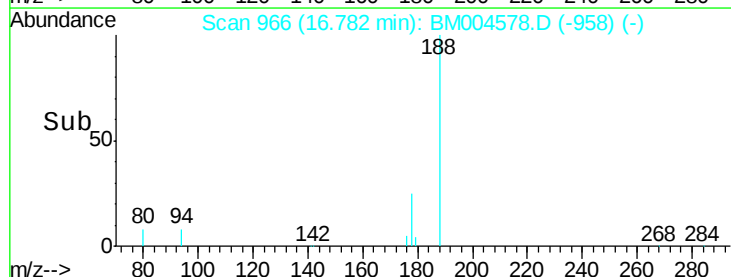
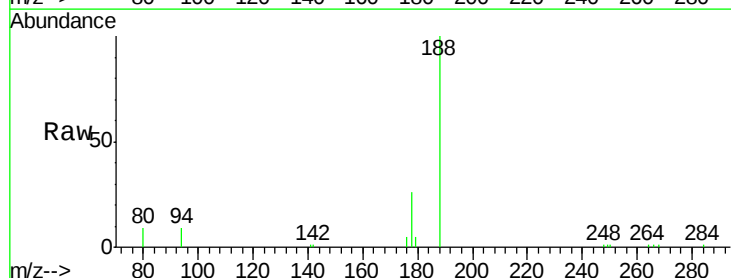
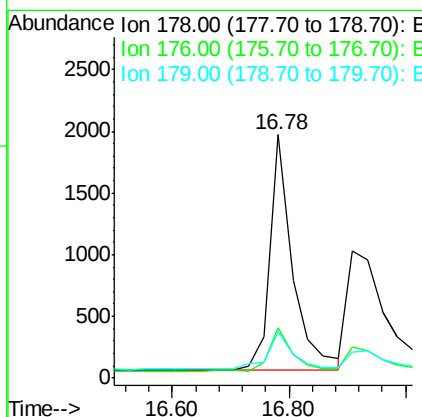
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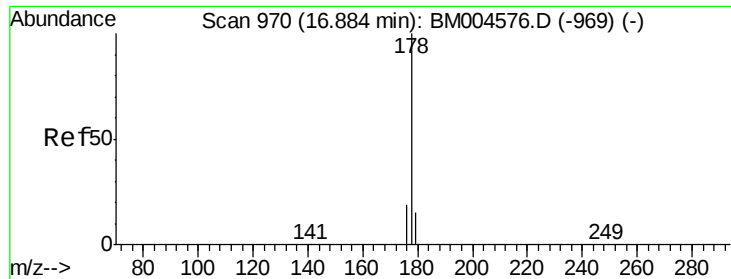
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#19  
Phenanthrene  
Concen: 0.08 ng  
RT: 16.78 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 14.7  | 22.1  |
| 179     | 17.4  | 12.9  | 19.3  |





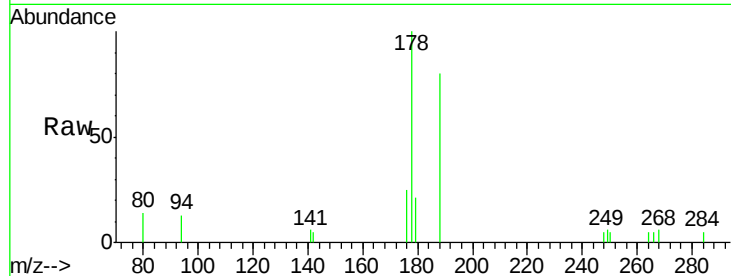
#20  
 Anthracene  
 Concen: 0.08 ng m  
 RT: 16.91 min Scan# 971  
 Delta R.T. 0.03 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

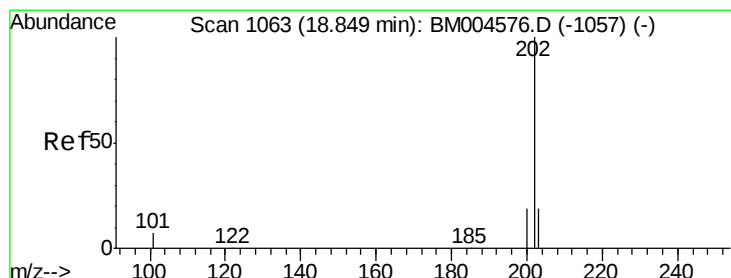
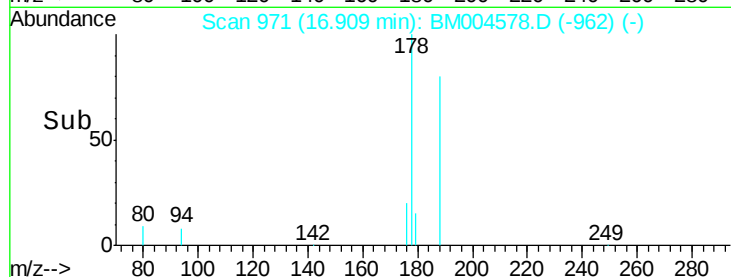
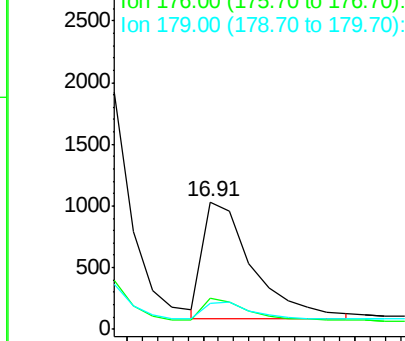
Tgt Ion:178 Resp: 4338  
 Ion Ratio Lower Upper  
 178 100  
 176 21.7 15.6 23.4  
 179 16.2 13.6 20.4

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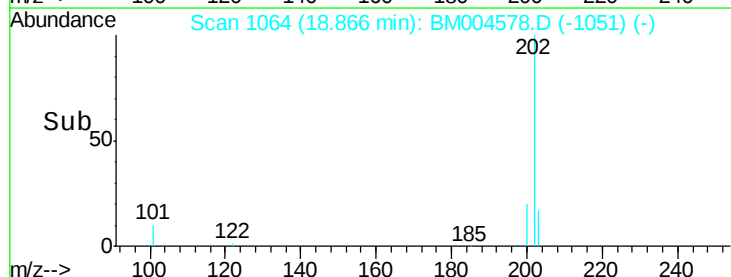
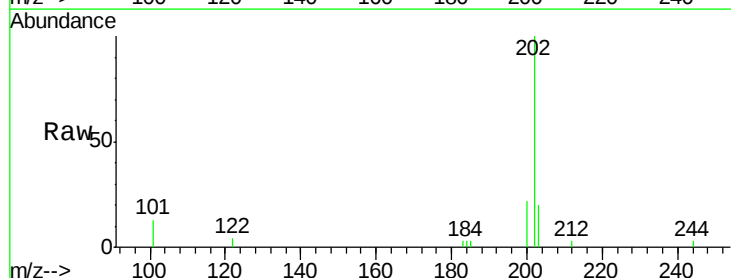
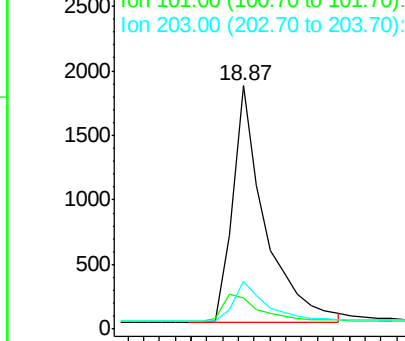
Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

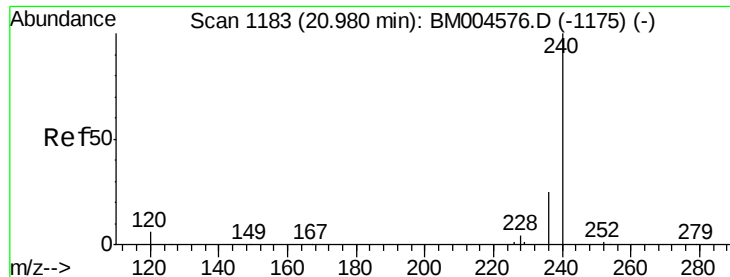


#21  
 Fluoranthene  
 Concen: 0.08 ng  
 RT: 18.87 min Scan# 1064  
 Delta R.T. 0.02 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Tgt Ion:202 Resp: 5180  
 Ion Ratio Lower Upper  
 202 100  
 101 13.1 9.4 14.2  
 203 18.1 13.9 20.9

Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E





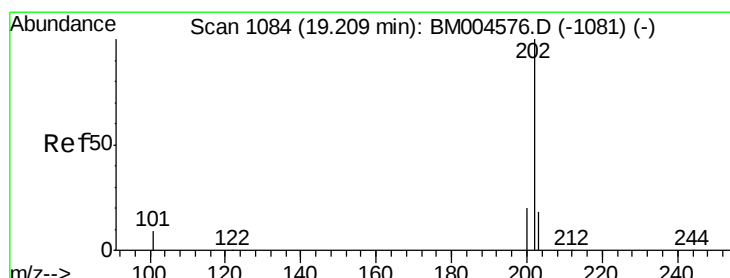
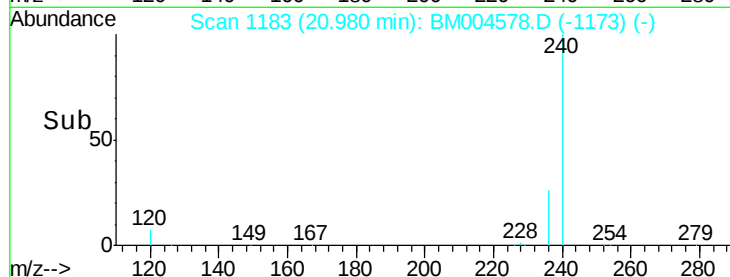
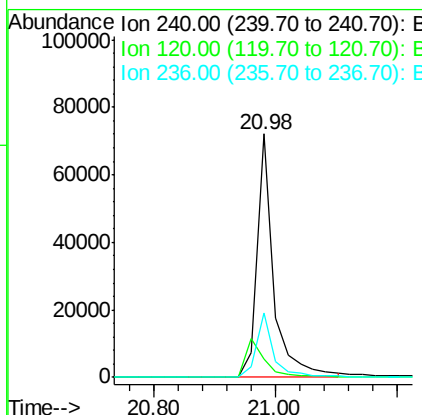
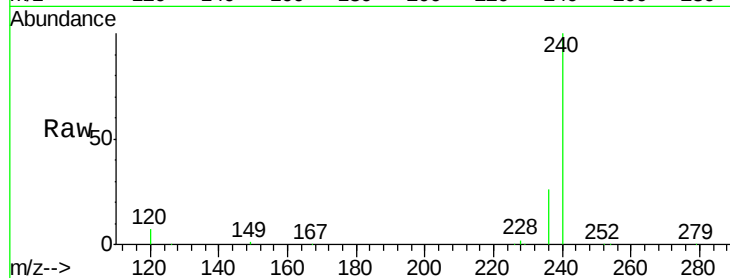
#22  
Chrysene-d12  
Concen: 5.00 ng  
RT: 20.98 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.5   | 6.1   | 9.1   |
| 236     | 26.2  | 22.6  | 34.0  |

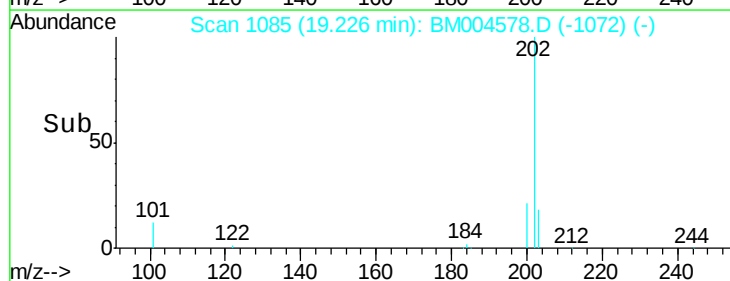
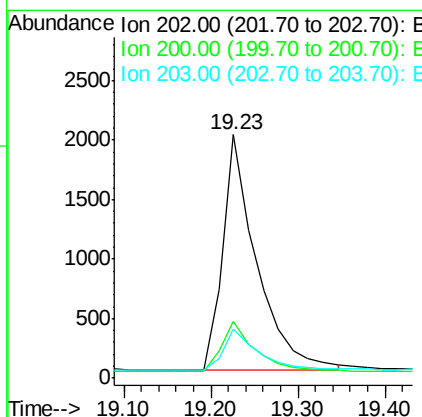
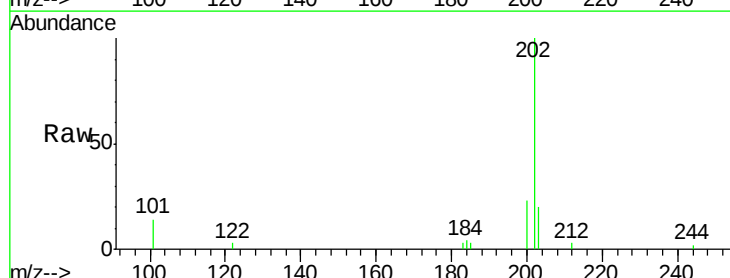
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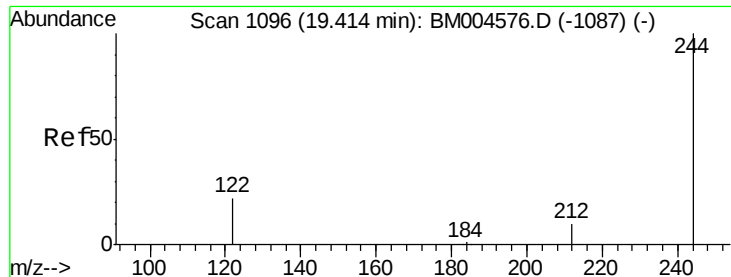
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#23  
Pyrene  
Concen: 0.10 ng  
RT: 19.23 min Scan# 1085  
Delta R.T. 0.02 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 16.6  | 24.8  |
| 203     | 17.7  | 14.1  | 21.1  |





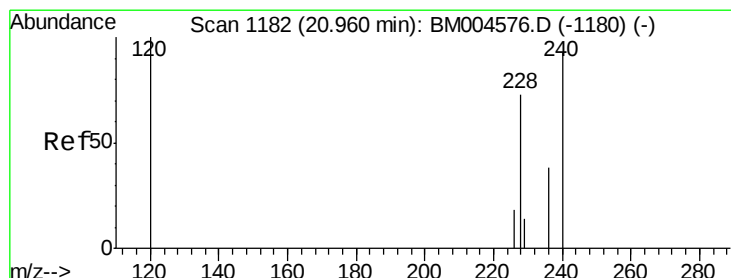
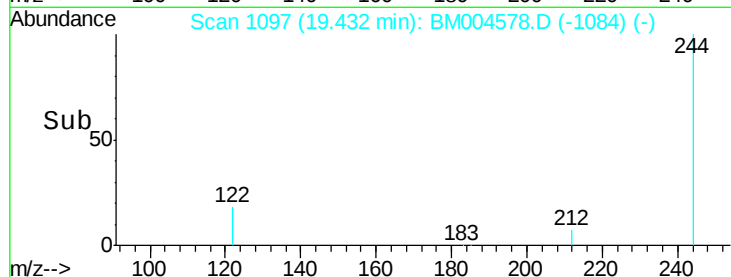
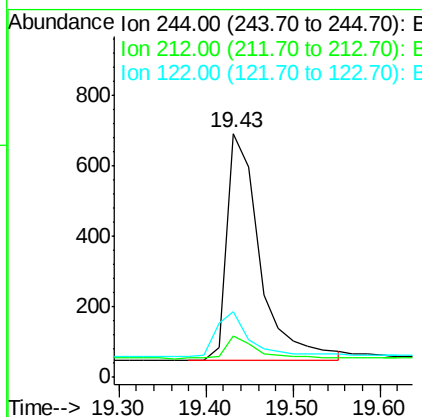
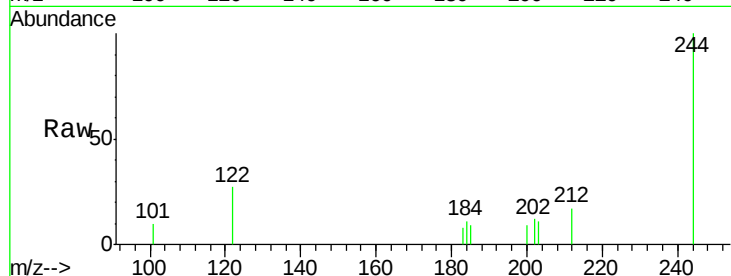
#24  
 Terphenyl-d14  
 Concen: 0.10 ng  
 RT: 19.43 min Scan# 1097  
 Delta R.T. 0.02 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 16.8  | 7.5   | 11.3# |
| 122     | 26.8  | 4.2   | 6.2#  |

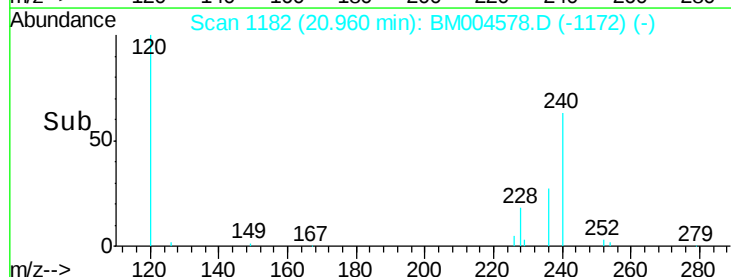
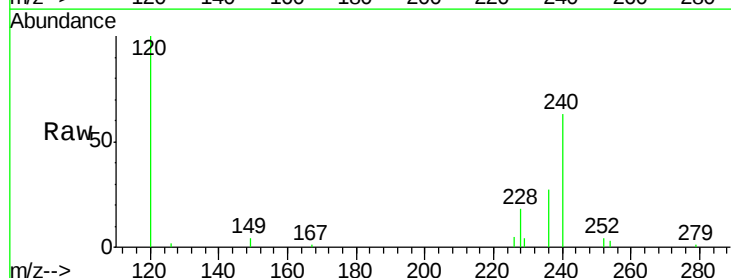
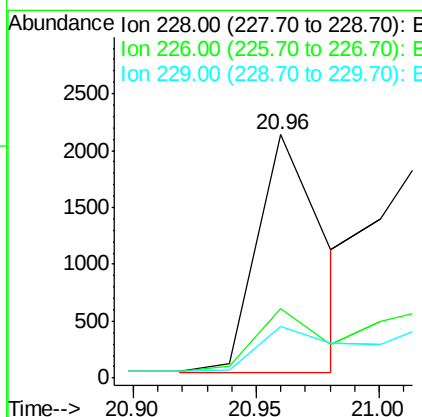
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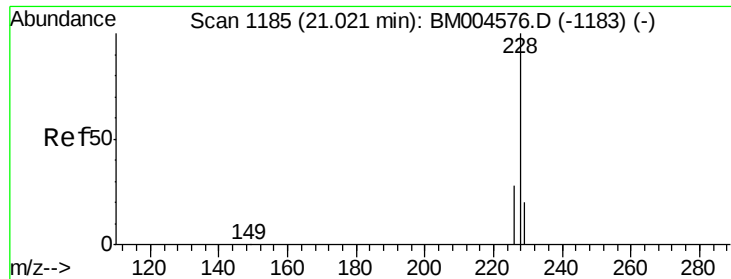
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#25  
 Benzo(a)anthracene  
 Concen: 0.08 ng m  
 RT: 20.96 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.7  | 22.8  | 34.2  |
| 229     | 21.1  | 14.6  | 22.0  |





#26

Chrysene

Concen: 0.06 ng m

RT: 21.02 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

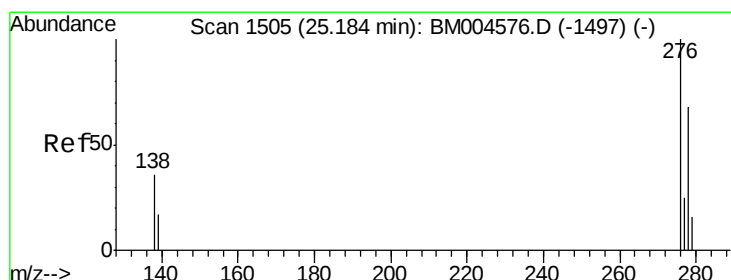
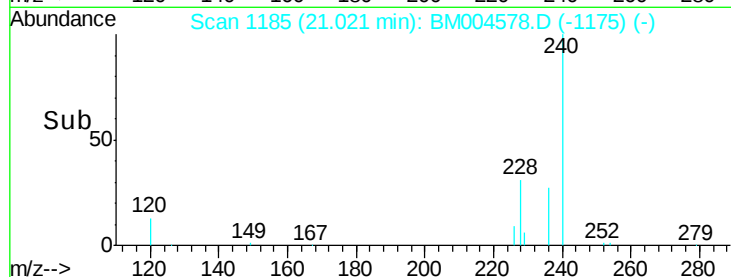
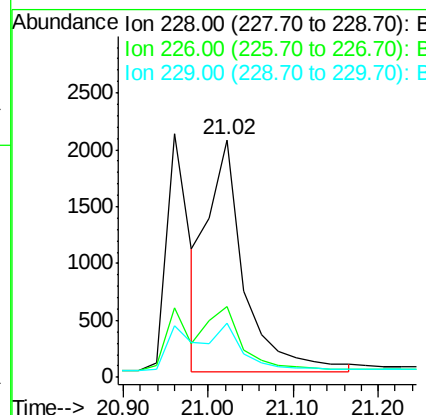
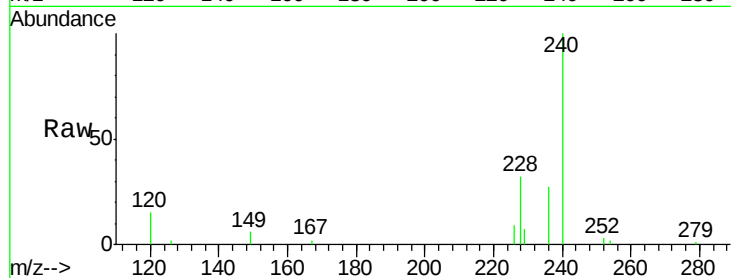
ClientSampleId :

SSTDICC0.1

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 6132 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.7  | 21.4  | 32.2 |
| 229       | 23.0  | 17.1  | 25.7 |

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng

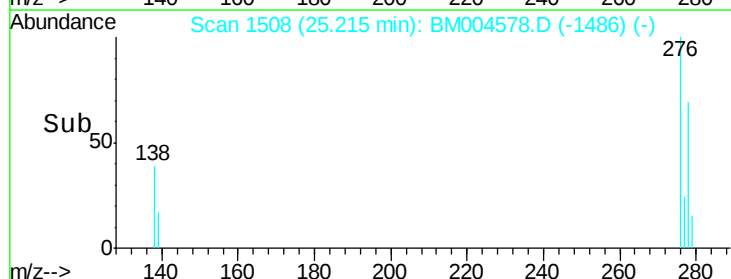
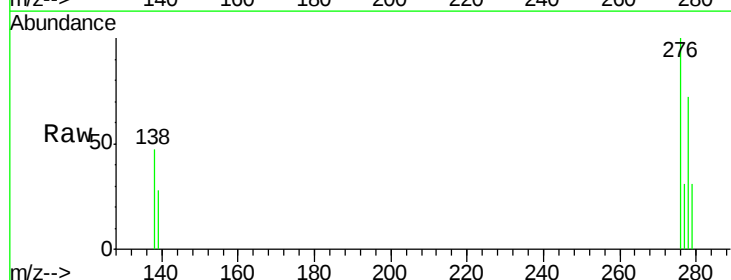
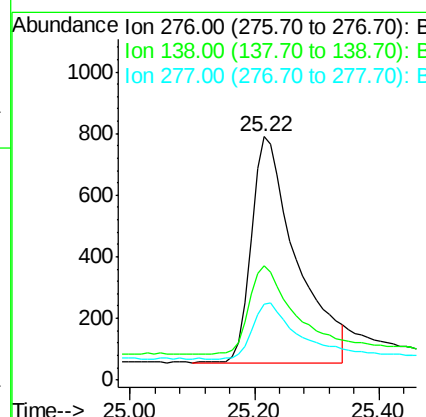
RT: 25.22 min Scan# 1508

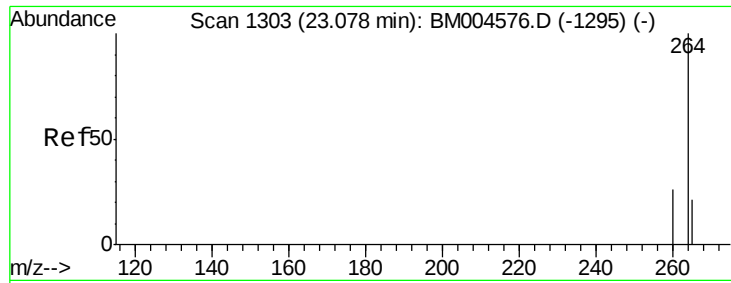
Delta R.T. 0.03 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 3684 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 39.4  | 30.4  | 45.6 |
| 277       | 24.7  | 19.8  | 29.8 |





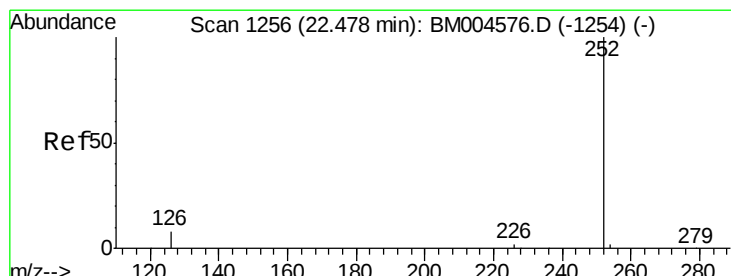
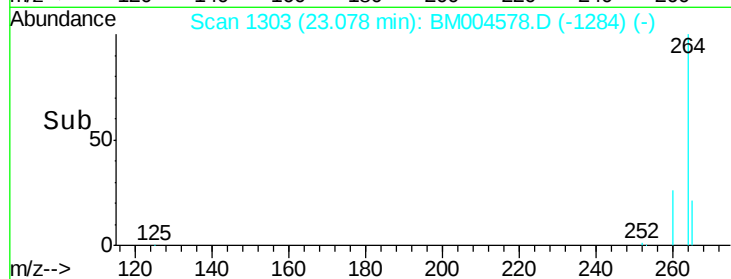
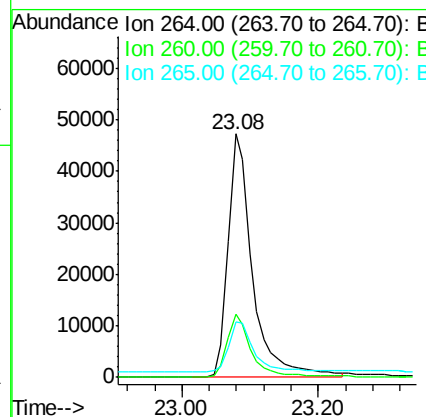
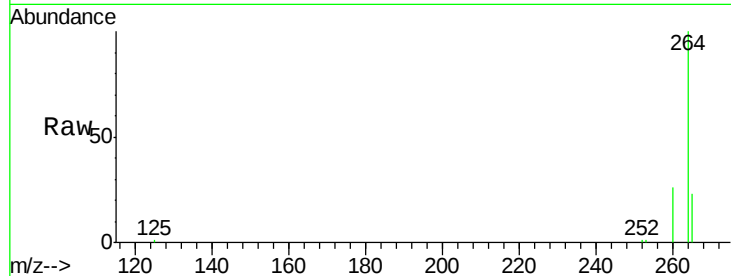
#28  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.08 min Scan# 1303  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.2  | 19.8  | 29.6  |
| 265     | 22.9  | 18.9  | 28.3  |

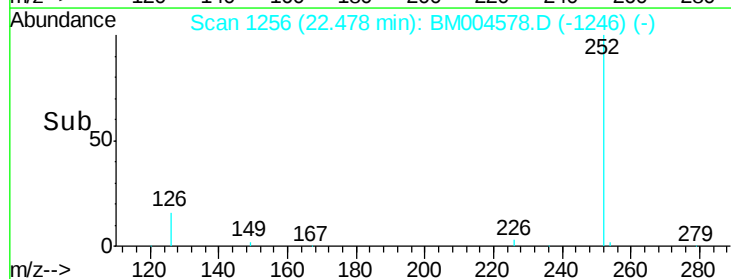
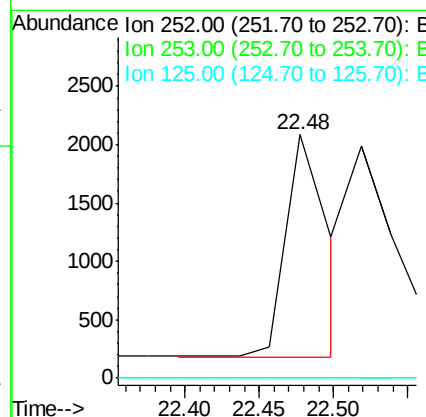
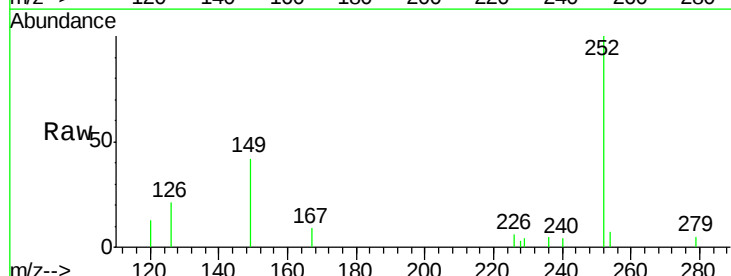
Manual Integrations  
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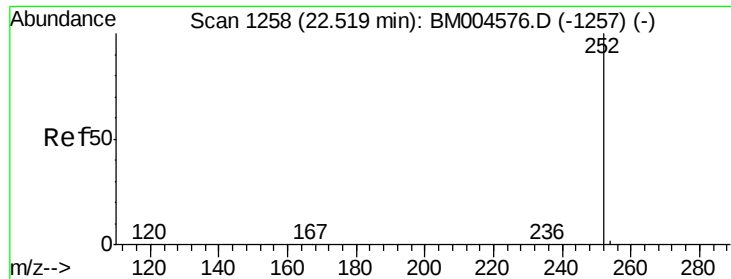
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#29  
 Benzo(b)fluoranthene  
 Concen: 0.08 ng m  
 RT: 22.48 min Scan# 1256  
 Delta R.T. -0.00 min  
 Lab File: BM004578.D  
 Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 0.0   | 18.8  | 28.2# |
| 125     | 0.0   | 11.8  | 17.8# |





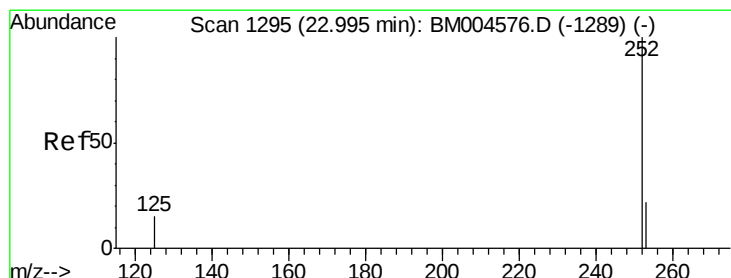
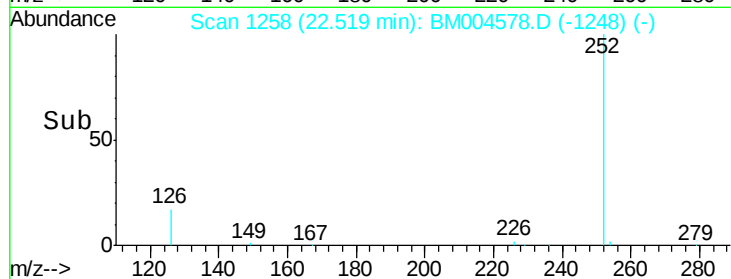
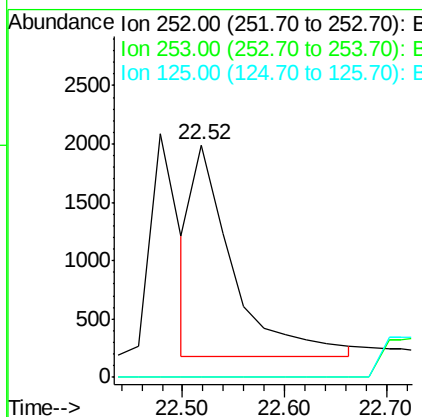
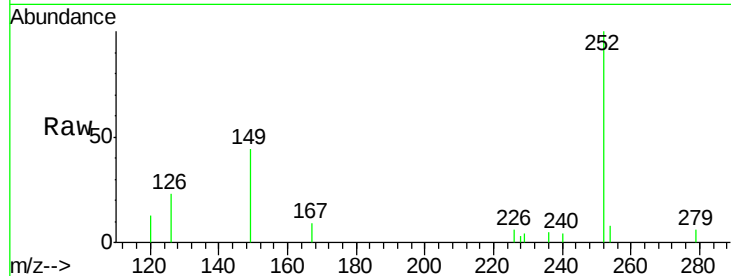
#30  
Benzo(k)fluoranthene  
Concen: 0.11 ng m  
RT: 22.52 min Scan# 1258  
Delta R.T. -0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 0.0   | 18.3  | 27.5# |
| 125     | 0.0   | 12.2  | 18.4# |

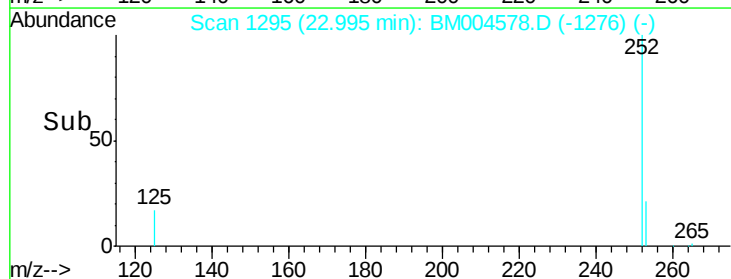
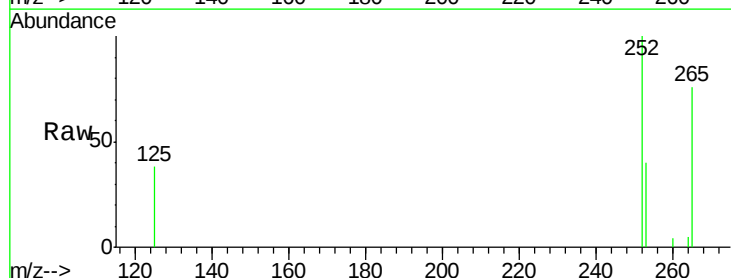
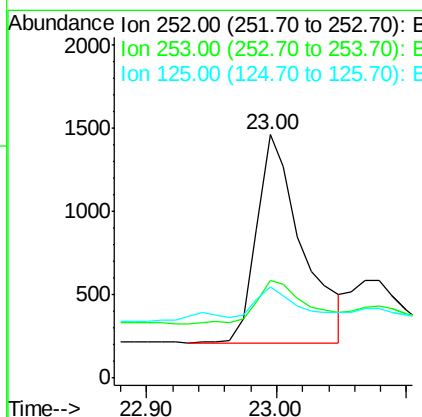
Manual Integrations  
APPROVED

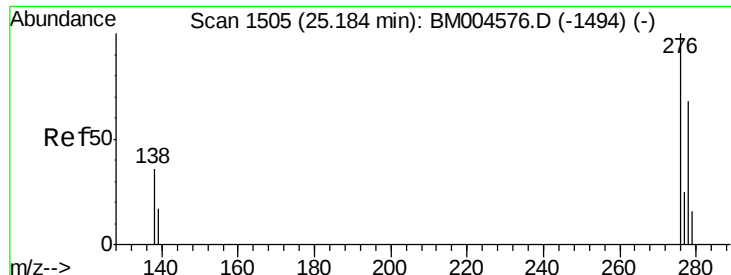
UMANGI  
3/9/2016 5:54:45 PM



#31  
Benzo(a)pyrene  
Concen: 0.07 ng  
RT: 23.00 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BM004578.D  
Acq: 08 Mar 2016 13:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 40.3  | 18.0  | 27.0# |
| 125     | 37.5  | 14.3  | 21.5# |





#32

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 25.22 min Scan# 1508

Delta R.T. 0.03 min

Lab File: BM004578.D

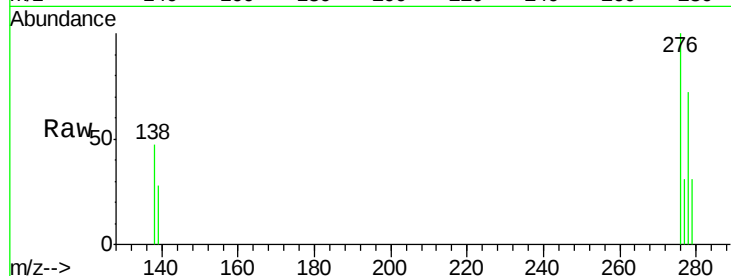
Acq: 08 Mar 2016 13:22

Instrument :

BNA\_M

ClientSampleId :

SSTDICC0.1



Tgt Ion: 278 Resp: 2827

Ion Ratio Lower Upper

278 100

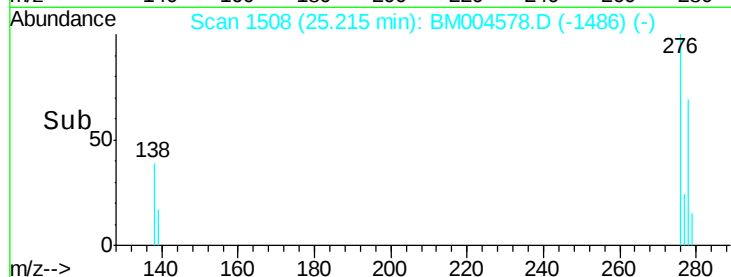
139 39.7 21.2 31.8#

279 42.5 19.6 29.4#

Manual Integrations  
APPROVED

UMANGI

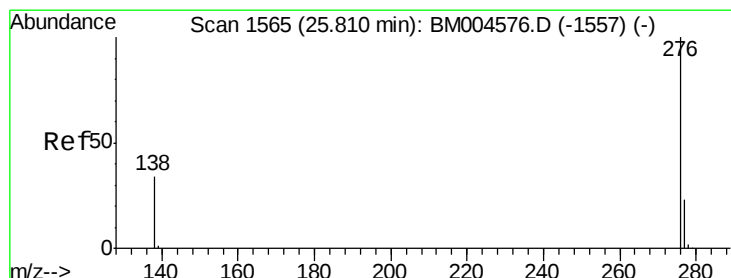
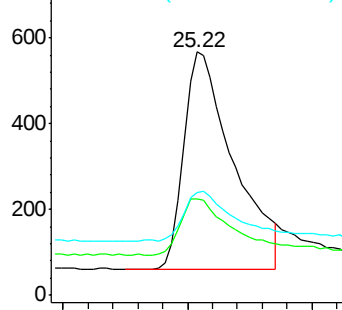
3/9/2016 5:54:45 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 25.85 min Scan# 1569

Delta R.T. 0.04 min

Lab File: BM004578.D

Acq: 08 Mar 2016 13:22

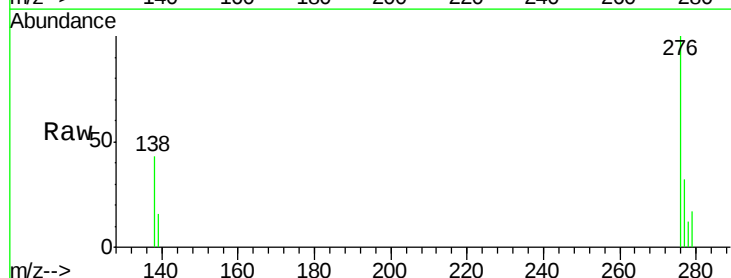
Tgt Ion: 276 Resp: 3412

Ion Ratio Lower Upper

276 100

277 31.5 19.6 29.4#

138 43.4 26.2 39.2#



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

