

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\  
 Data File : BF079032.D  
 Acq On : 8 May 2015 10:26  
 Operator : TP/IZ  
 Sample : G2116-12DL 10X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44S

Manual Integrations  
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 5/8/2015 3:52:10 PM

Quant Time: May 08 12:58:21 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 19:07:47 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.35  | 152  | 55732    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.91  | 136  | 243210   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 11.10 | 164  | 123162   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 12.95 | 188  | 246307   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 16.25 | 240  | 268507   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 18.02 | 264  | 289465   | 20.00 | ng    | -0.09    |

|                             |       |     |       |       |    |       |
|-----------------------------|-------|-----|-------|-------|----|-------|
| System Monitoring Compounds |       |     |       |       |    |       |
| 5) 2-Fluorophenol           | 5.64  | 112 | 41378 | 12.78 | ng | -0.02 |
| 7) Phenol-d6                | 6.90  | 99  | 58884 | 13.76 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.03  | 82  | 30869 | 7.29  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol    | 12.08 | 330 | 15018 | 11.27 | ng | -0.03 |
| 44) 2-Fluorobiphenyl        | 10.26 | 172 | 68249 | 7.72  | ng | -0.03 |
| 78) Terphenyl-d14           | 14.94 | 244 | 80657 | 7.19  | ng | -0.03 |

|                            |       |     |         |        |    |       |
|----------------------------|-------|-----|---------|--------|----|-------|
| Target Compounds           |       |     |         | Qvalue |    |       |
| 31) Naphthalene            | 8.95  | 128 | 25729   | 2.22   | ng | 97    |
| 51) Acenaphthene           | 11.13 | 154 | 32862   | 4.39   | ng | 99    |
| 54) Dibenzofuran           | 11.35 | 168 | 38096   | 3.53   | ng | 96    |
| 57) Fluorene               | 11.78 | 166 | 38067   | 4.29   | ng | 99    |
| 70) Phenanthrene           | 12.97 | 178 | 639285  | 46.39  | ng | 99    |
| 71) Anthracene             | 13.04 | 178 | 170841  | 12.64  | ng | 98    |
| 72) Carbazole              | 13.25 | 167 | 49896   | 3.87   | ng | 100   |
| 74) Fluoranthene           | 14.46 | 202 | 877174  | 61.09  | ng | 98    |
| 77) Pyrene                 | 14.74 | 202 | 815523  | 52.71  | ng | 99    |
| 80) Benzo(a)anthracene     | 16.24 | 228 | 407981m | 27.75  | ng |       |
| 82) Chrysene               | 16.29 | 228 | 369145m | 26.10  | ng |       |
| 85) Indeno(1,2,3-cd)pyrene | 19.53 | 276 | 201669  | 11.19  | ng | # 100 |
| 87) Benzo(b)fluoranthene   | 17.57 | 252 | 410809m | 25.93  | ng |       |
| 88) Benzo(k)fluoranthene   | 17.58 | 252 | 182510m | 11.90  | ng |       |
| 89) Benzo(a)pyrene         | 17.95 | 252 | 331027  | 22.69  | ng | # 94  |
| 90) Dibenzo(a,h)anthracene | 19.55 | 278 | 45789   | 2.95   | ng | # 91  |
| 91) Benzo(a,h,i)perylene   | 19.98 | 276 | 189340  | 12.18  | ng | 99    |

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

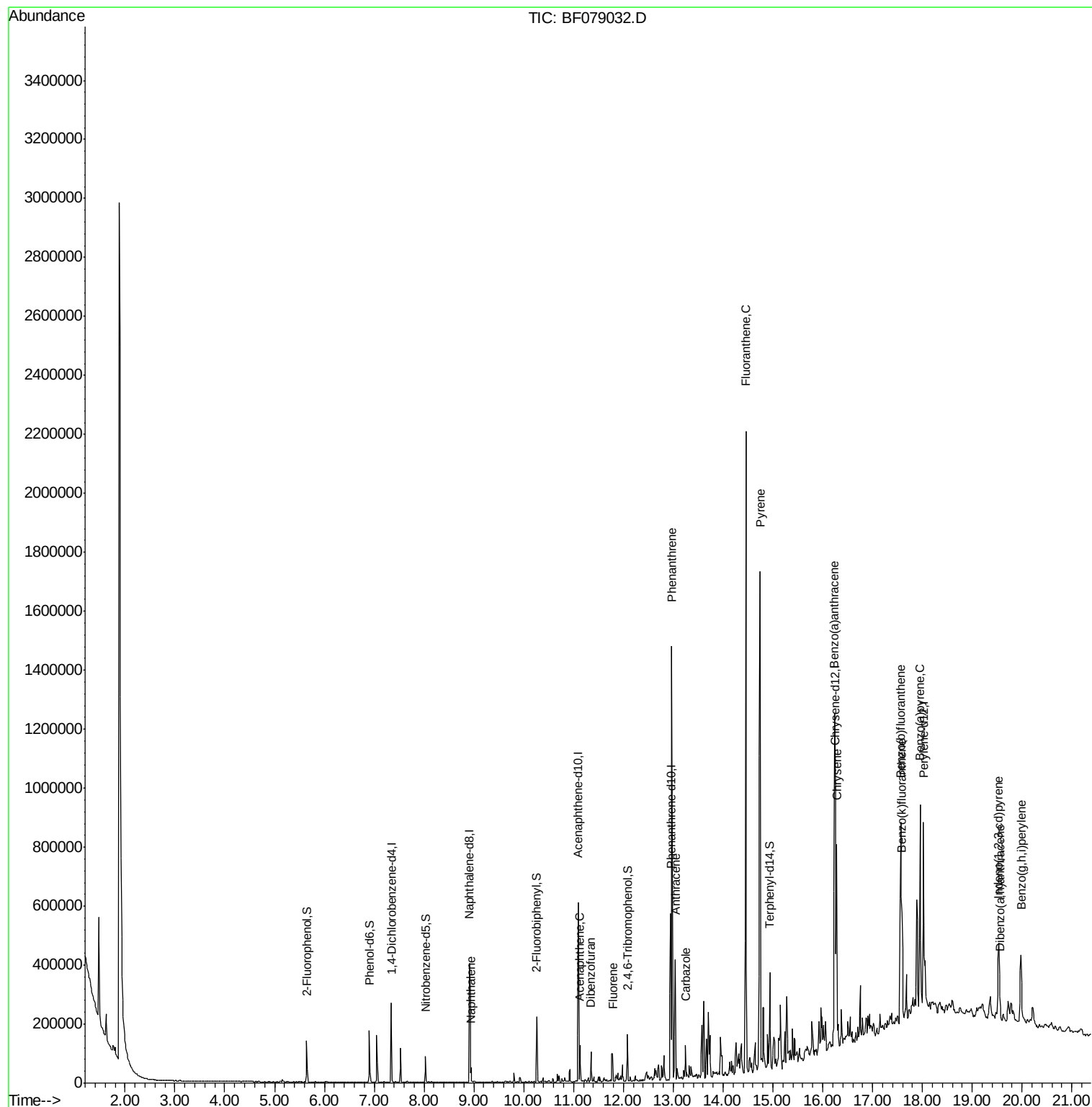
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\  
Data File : BF079032.D  
Acq On : 8 May 2015 10:26  
Operator : TP/IZ  
Sample : G2116-12DL 10X  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

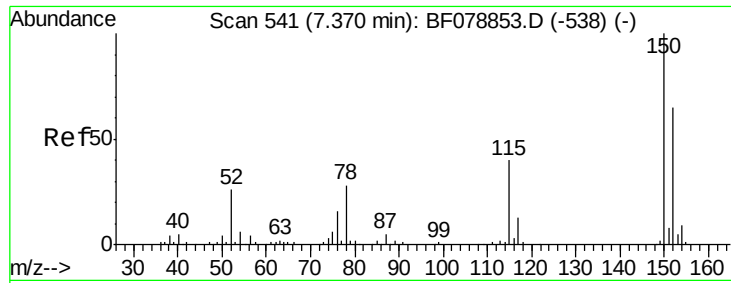
Instrument :  
BNA\_F  
ClientSampled :  
SB-44S

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5/8/2015 3:52:10 PM

Quant Time: May 08 12:58:21 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 30 19:07:47 2015  
Response via : Initial Calibration





#1

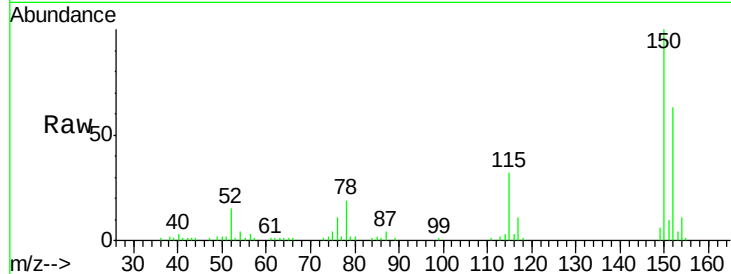
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.35 min Scan# 539  
Delta R.T. -0.02 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

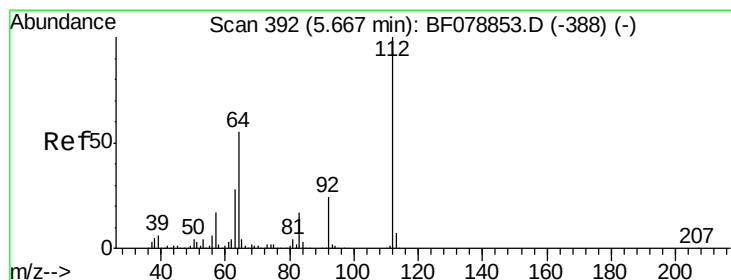
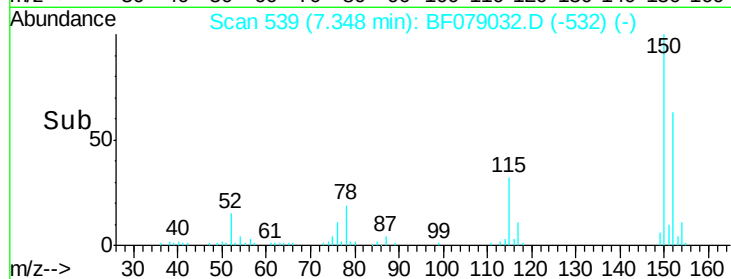
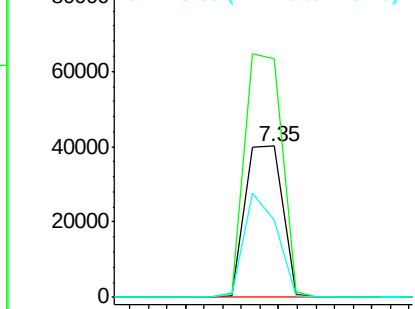
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.2 | 122.0 | 183.0 |
| 115     | 51.0  | 46.3  | 69.5  |

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

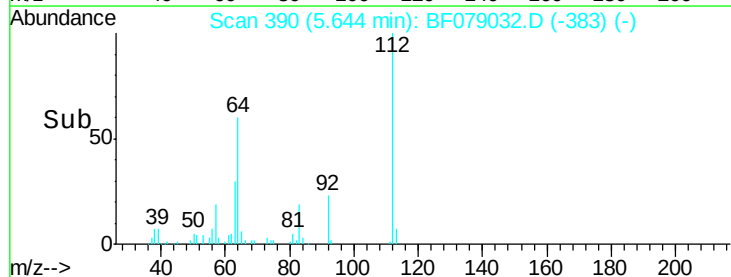
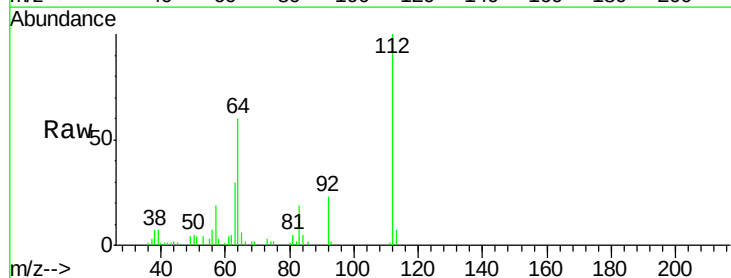
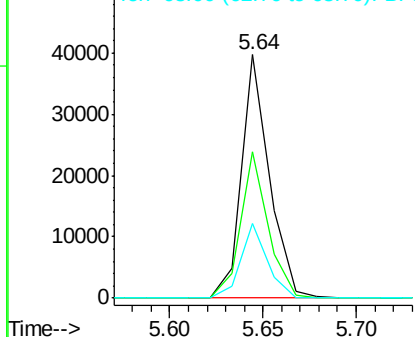


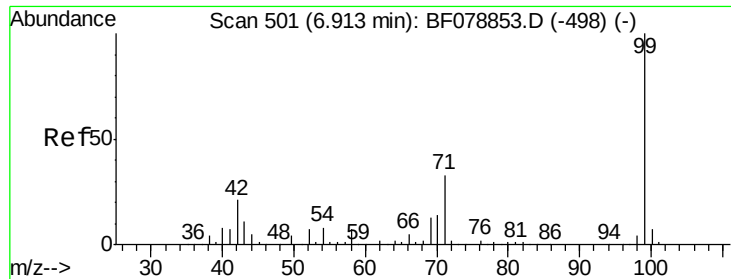
#5

2-Fluorophenol  
Concen: 12.78 ng  
RT: 5.64 min Scan# 390  
Delta R.T. -0.02 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.1  | 53.5  | 80.3  |
| 63      | 30.5  | 27.5  | 41.3  |

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





#7

Phenol-d6

Concen: 13.76 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

Instrument :

BNA\_F

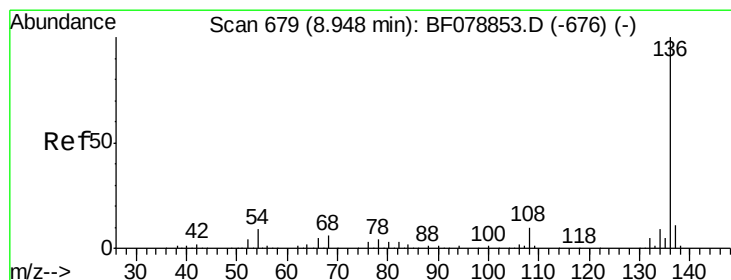
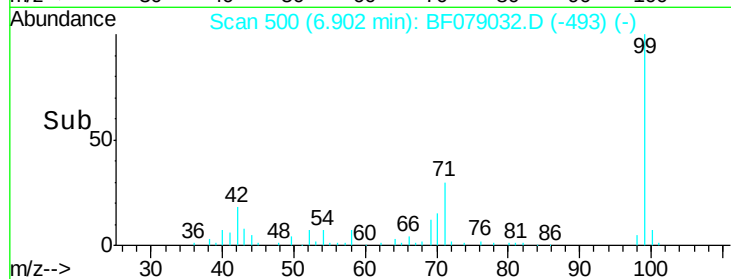
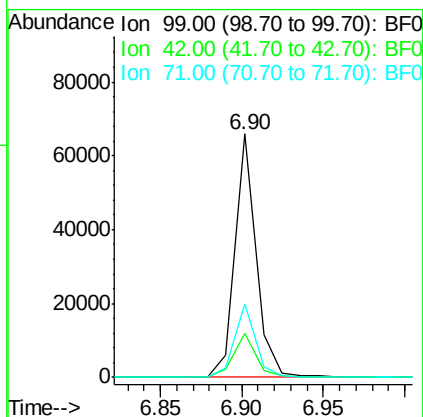
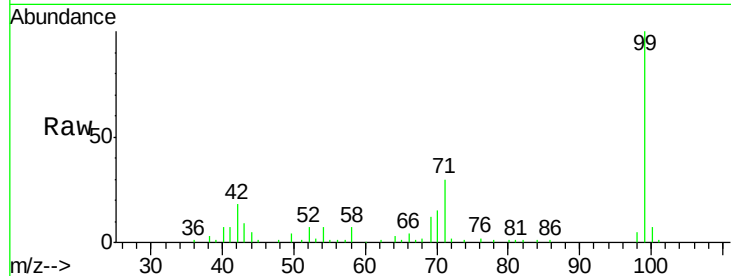
ClientSampleId :

SB-44S

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 58884 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.2  | 12.8  | 19.2  |
| 71       | 30.2  | 23.4  | 35.2  |

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#21

Naphthalene-d8

Concen: 20.00 ng

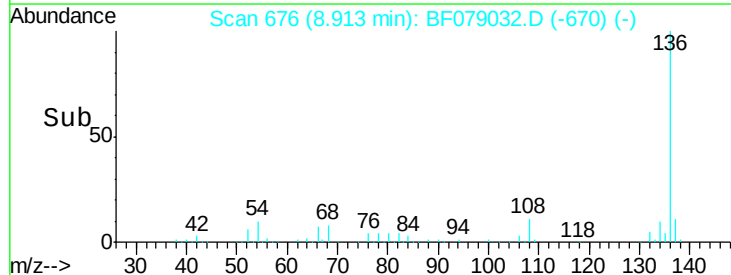
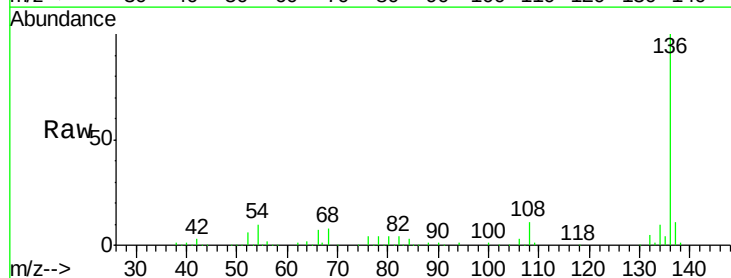
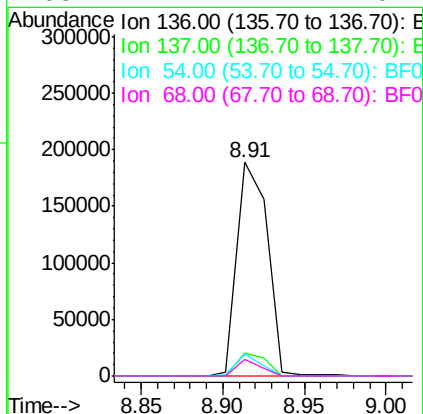
RT: 8.91 min Scan# 676

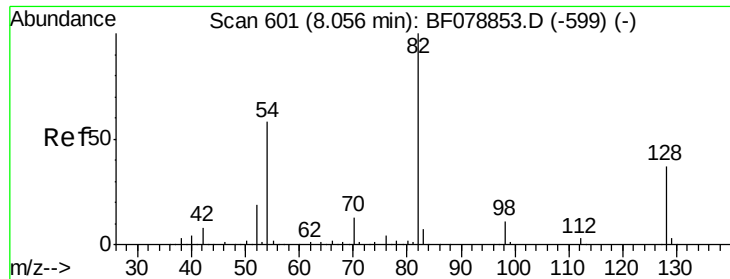
Delta R.T. -0.03 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 243210 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.7   | 13.1   |
| 54       | 10.3  | 5.8   | 8.8#   |
| 68       | 7.7   | 4.2   | 6.4#   |





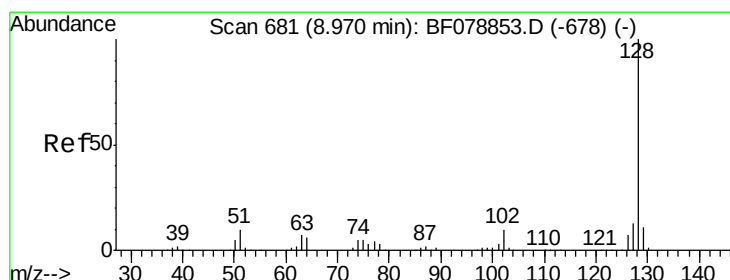
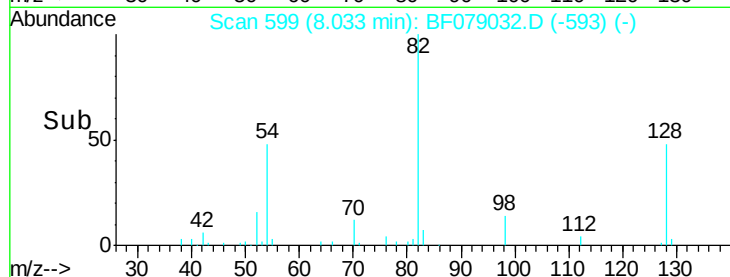
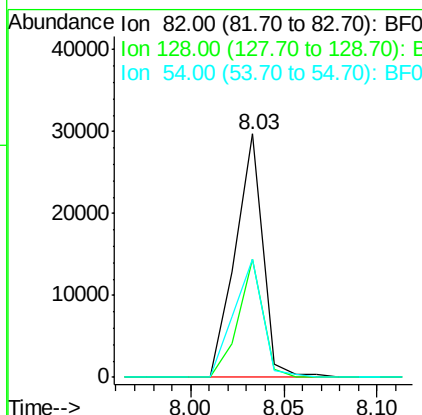
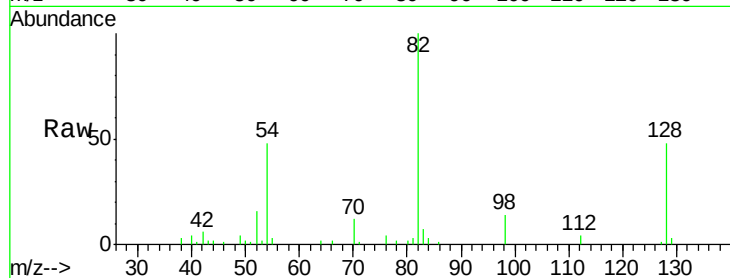
#23  
Nitrobenzene-d5  
Concen: 7.29 ng  
RT: 8.03 min Scan# 599  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampled :  
SB-44S

| Tot Ion   | 82   | Resp  | 30869 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 128       | 48.5 | 30.0  | 45.0# |
| 54        | 48.4 | 46.4  | 69.6  |

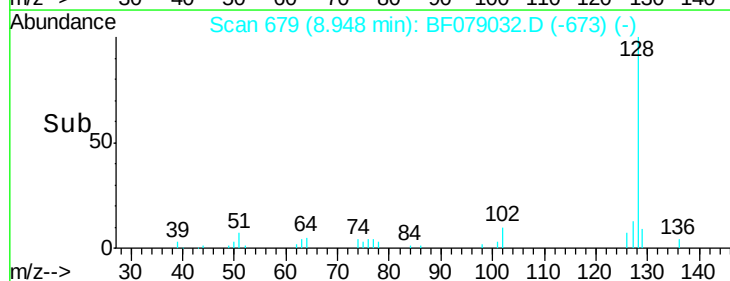
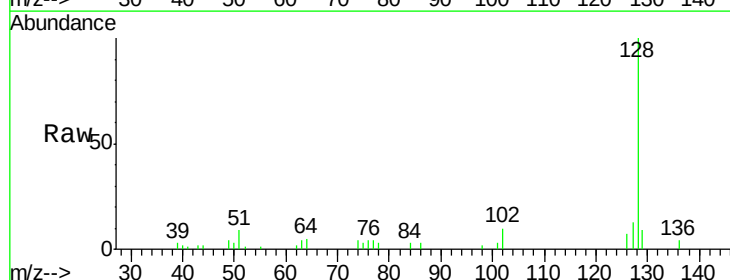
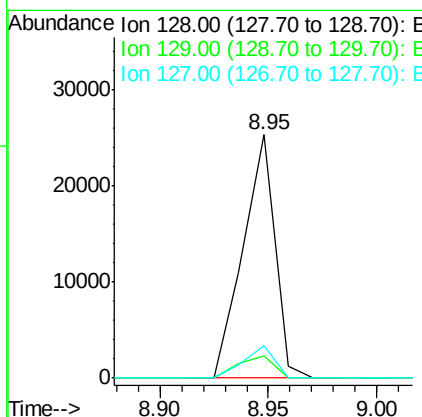
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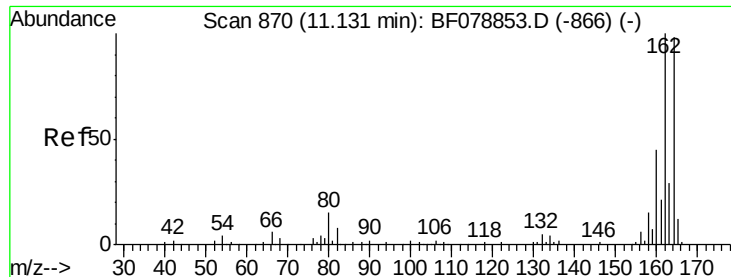
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#31  
Naphthalene  
Concen: 2.22 ng  
RT: 8.95 min Scan# 679  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion                                              | 128  | Resp  | 25729 |
|------------------------------------------------------|------|-------|-------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100  | Lower | Upper |
| 129                                                  | 9.3  | 9.3   | 13.9  |
| 127                                                  | 13.2 | 10.7  | 16.1  |





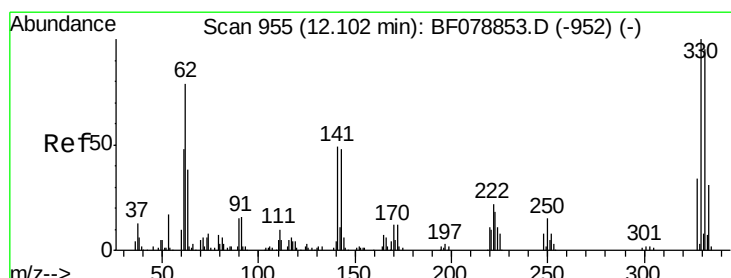
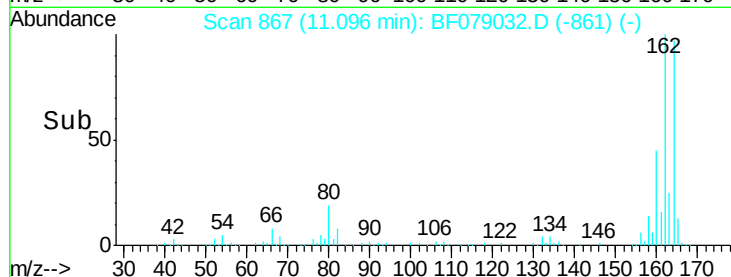
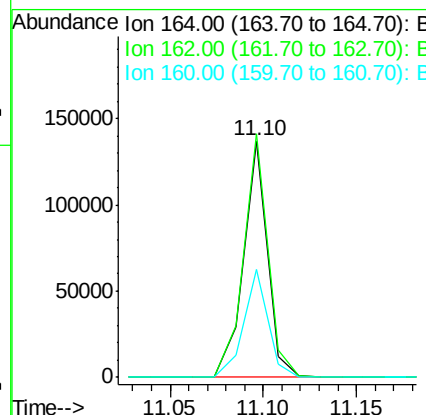
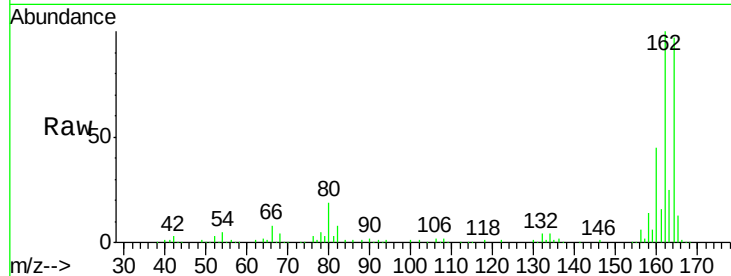
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 11.10 min Scan# 867  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.0 | 82.7 | 124.1 |       |
| 160     | 45.9  | 35.8 | 53.8  |       |

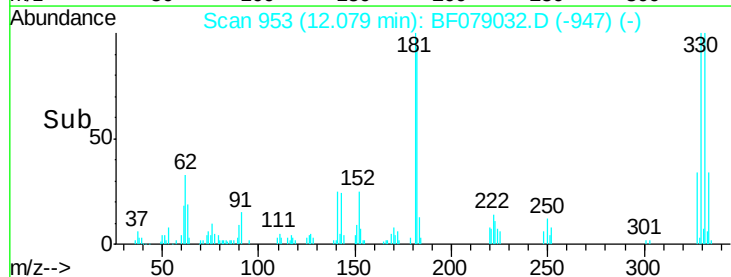
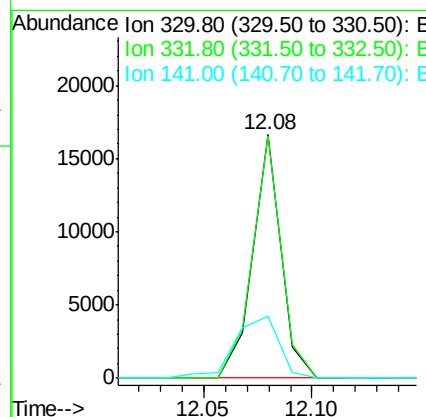
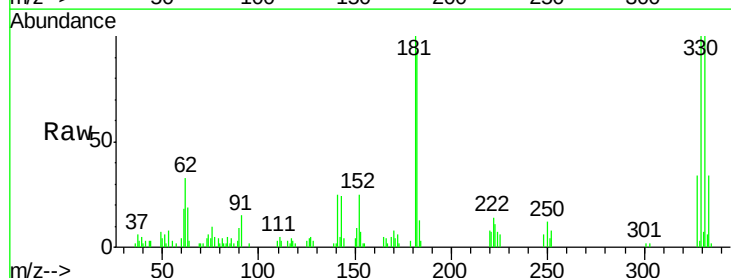
Manual Integrations  
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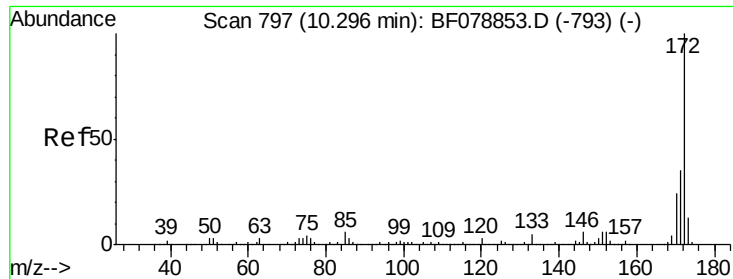
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#41  
2,4,6-Tribromophenol  
Concen: 11.27 ng  
RT: 12.08 min Scan# 953  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 101.5 | 0.0  | 0.0#  |       |
| 141     | 39.9  | 0.0  | 0.0#  |       |





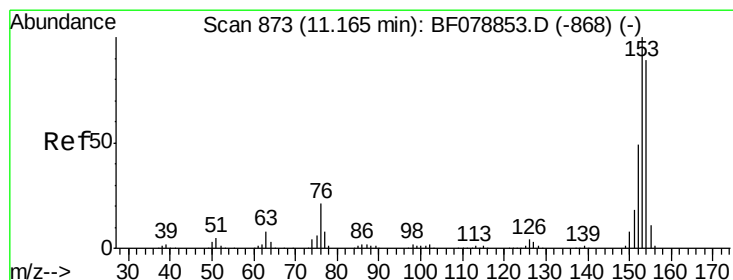
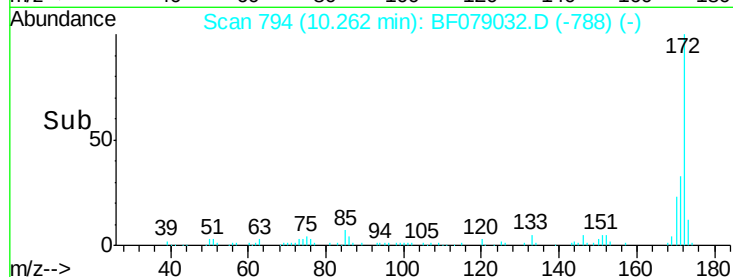
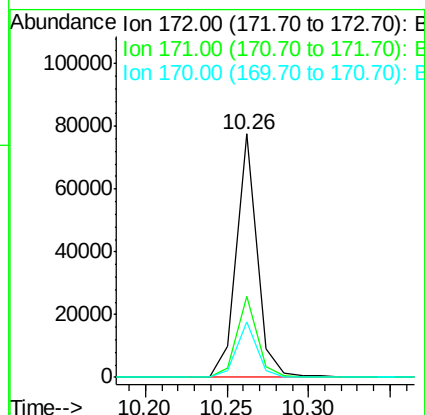
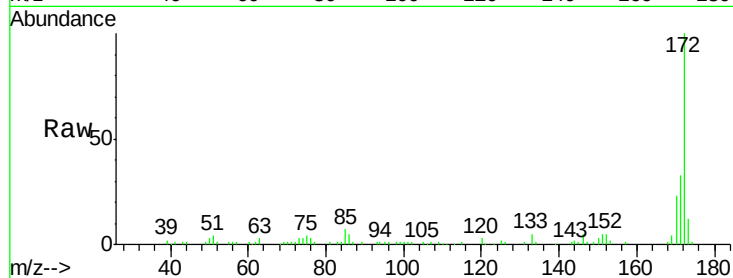
#44  
2-Fluorobiphenyl  
Concen: 7.72 ng  
RT: 10.26 min Scan# 794  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 172     | 100   | 68249 |       |       |
| 171     | 33.5  |       | 27.9  | 41.9  |
| 170     | 22.9  |       | 19.4  | 29.0  |

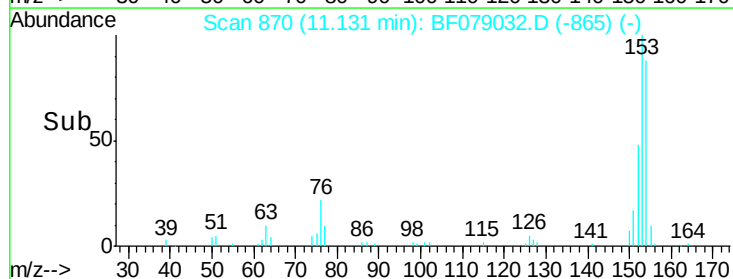
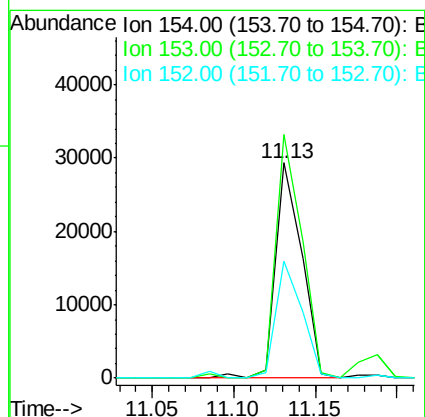
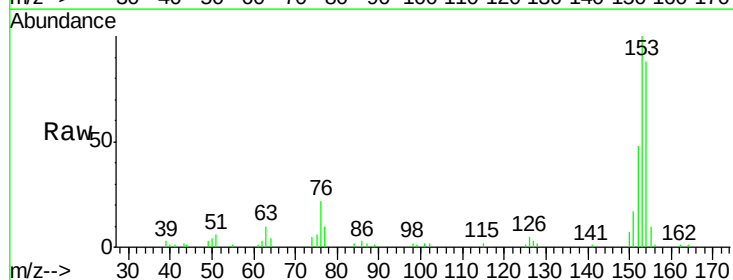
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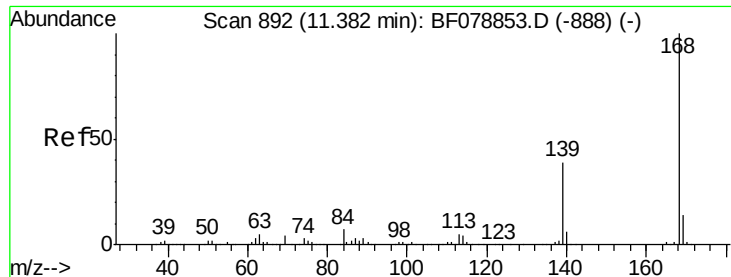
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#51  
Acenaphthene  
Concen: 4.39 ng  
RT: 11.13 min Scan# 870  
Delta R.T. -0.05 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 32862 |       |       |
| 153     | 113.3 |       | 91.5  | 137.3 |
| 152     | 54.6  |       | 44.2  | 66.4  |





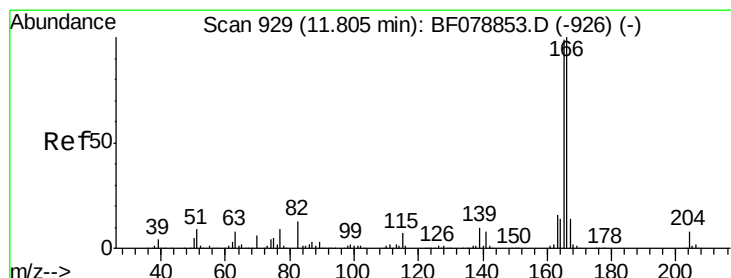
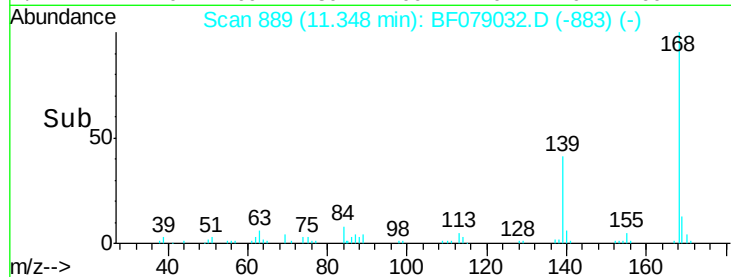
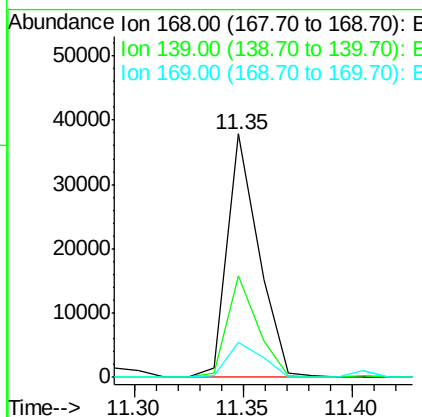
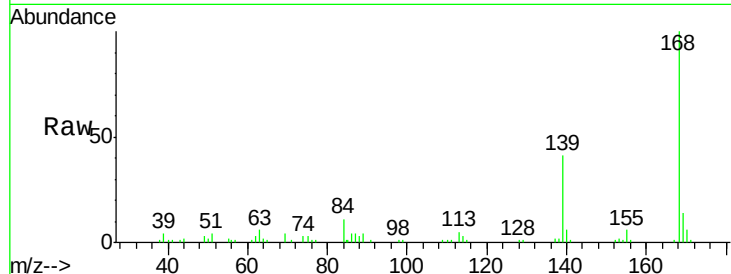
#54  
Dibenzenofuran  
Concen: 3.53 ng  
RT: 11.35 min Scan# 889  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.5  | 31.0  | 46.4  |
| 169     | 14.1  | 10.6  | 16.0  |

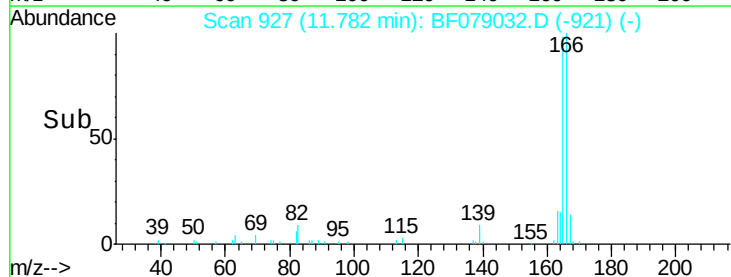
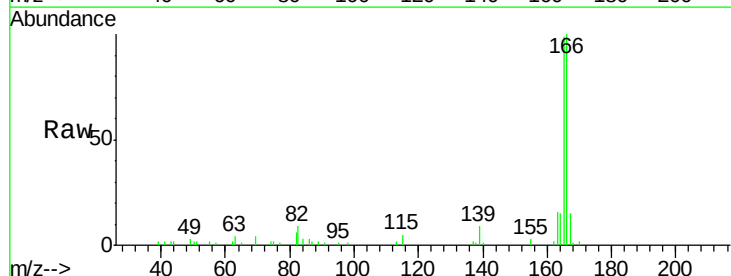
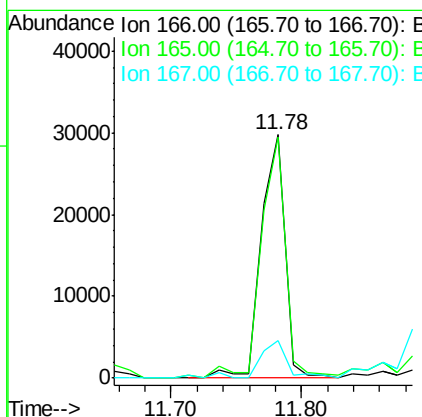
Manual Integrations  
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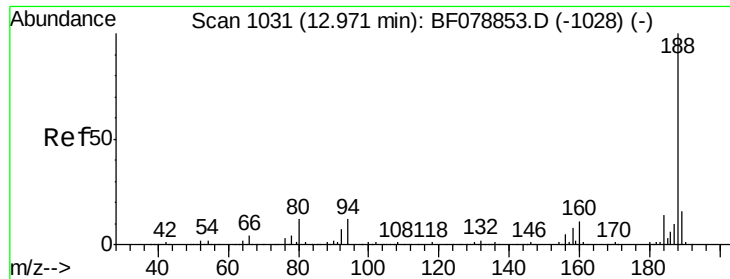


#57  
Fluorene  
Concen: 4.29 ng  
RT: 11.78 min Scan# 927  
Delta R.T. -0.03 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 78.5  | 117.7 |
| 167     | 15.3  | 11.0  | 16.6  |







#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

Instrument :

BNA\_F

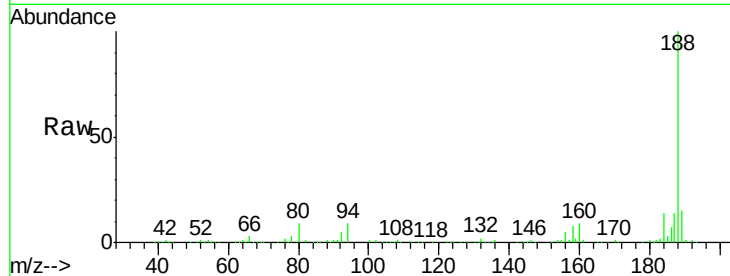
ClientSampleId :

SB-44S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 246307 |       |       |
| 94      | 9.1   | 8.2    | 12.2  |       |
| 80      | 9.0   | 8.9    | 13.3  |       |

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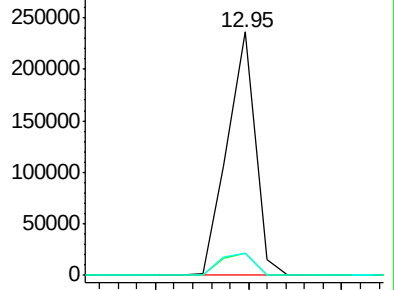
apatel  
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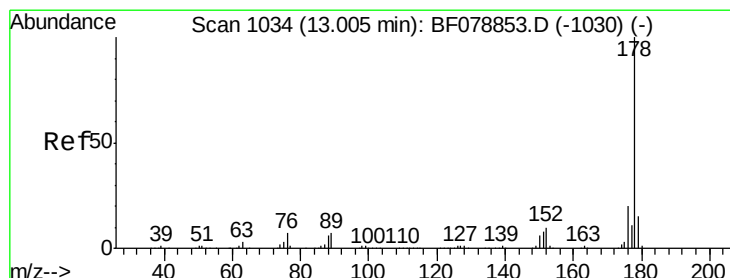
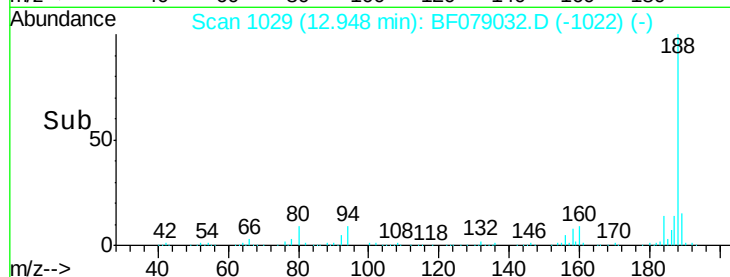
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#70

Phenanthrene

Concen: 46.39 ng

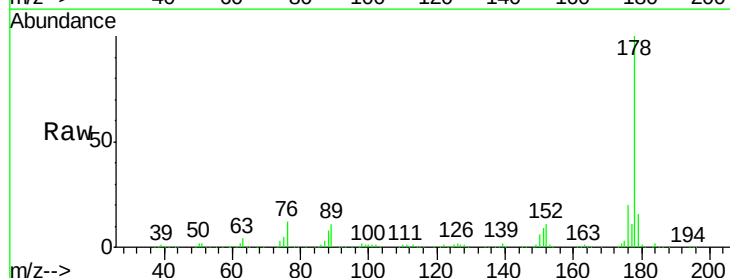
RT: 12.97 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

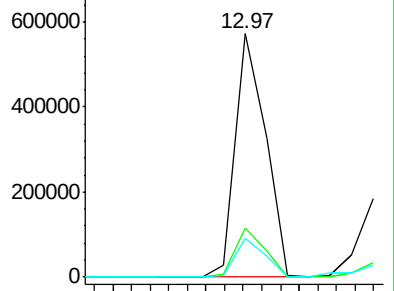
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 639285 |       |       |
| 176     | 20.2  | 15.8   | 23.8  |       |
| 179     | 15.8  | 12.5   | 18.7  |       |



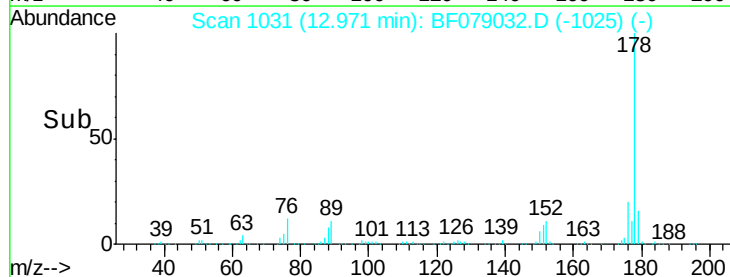
Abundance Ion 178.00 (177.70 to 178.70): E

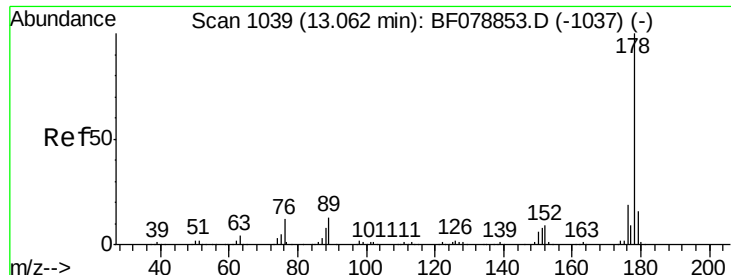
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





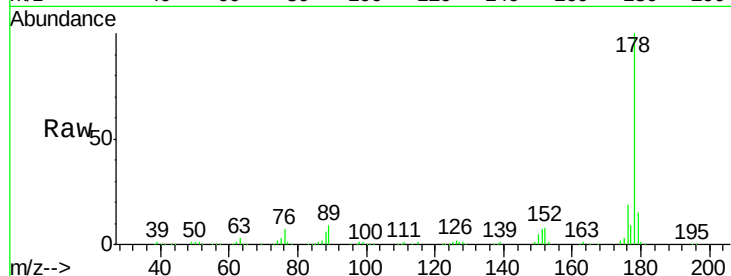
#71  
 Anthracene  
 Concen: 12.64 ng  
 RT: 13.04 min Scan# 1037  
 Delta R.T. -0.03 min  
 Lab File: BF079032.D  
 Acq: 8 May 2015 10:26

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-44S

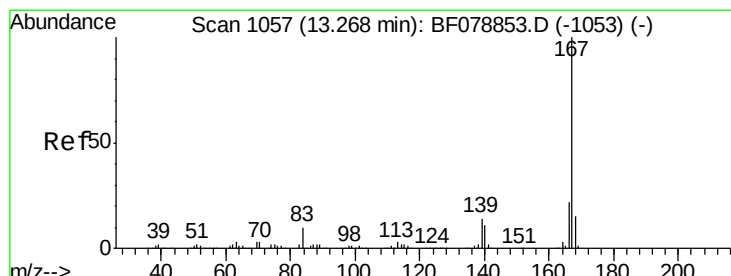
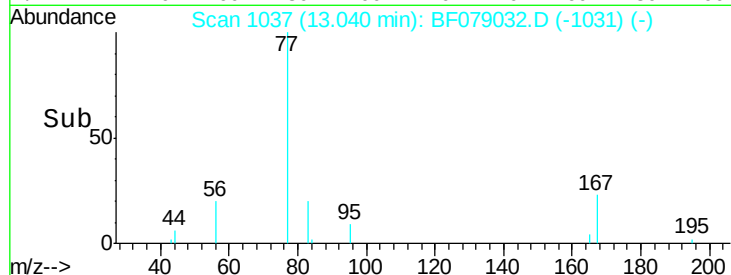
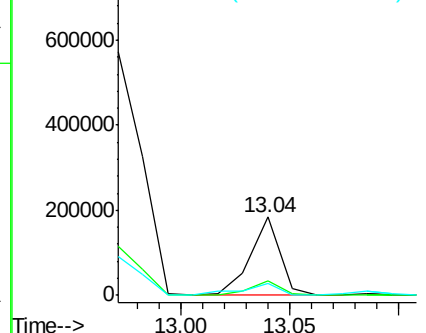
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.5  | 23.3  |
| 179     | 14.9  | 12.7  | 19.1  |

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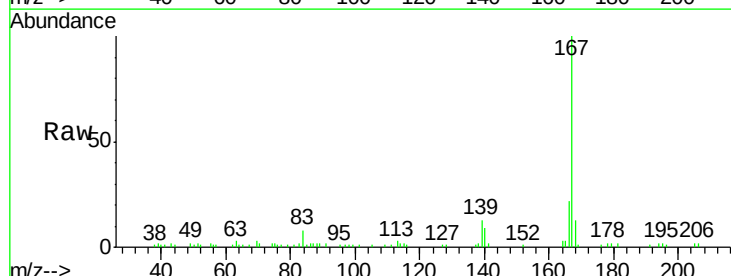


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

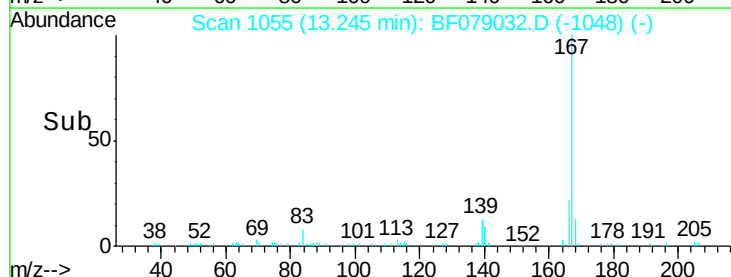
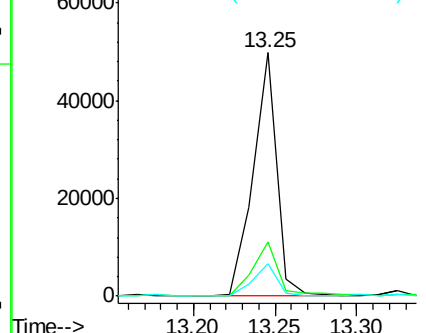


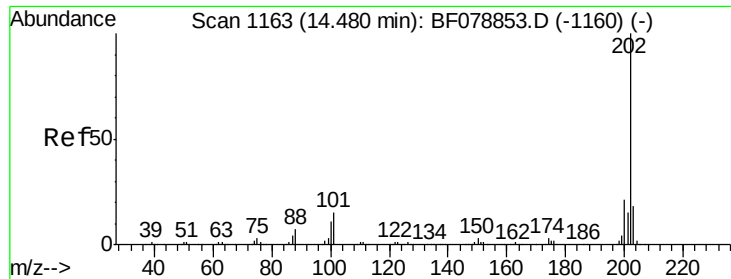
#72  
 Carbazole  
 Concen: 3.87 ng  
 RT: 13.25 min Scan# 1055  
 Delta R.T. -0.02 min  
 Lab File: BF079032.D  
 Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.8  | 26.8  |
| 139     | 13.3  | 10.6  | 16.0  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 61.09 ng

RT: 14.46 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

Instrument :

BNA\_F

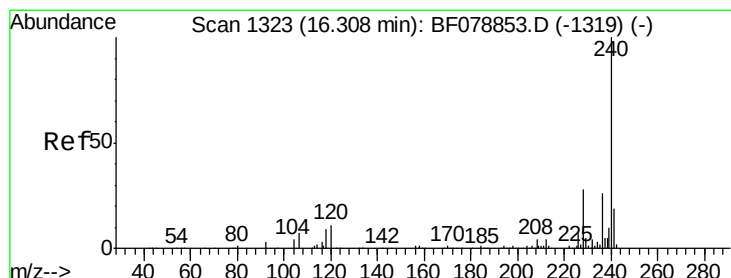
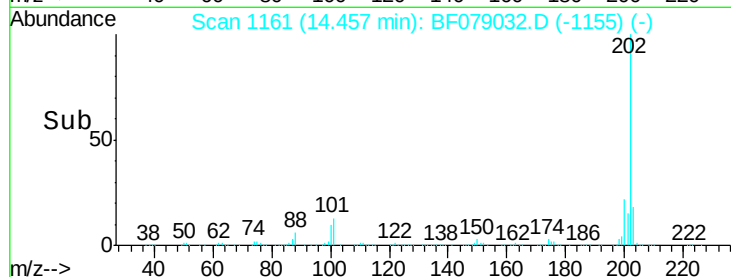
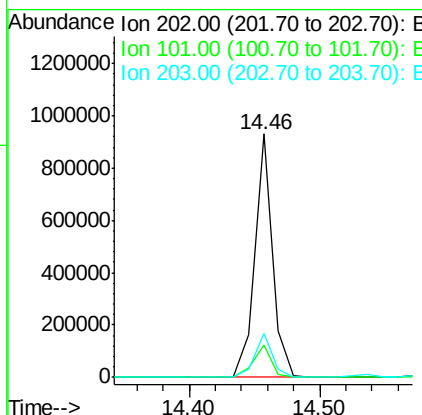
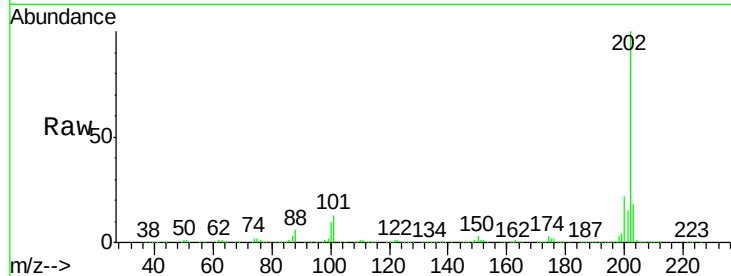
ClientSampleId :

SB-44S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 877174 |       |       |
| 101     | 13.3  | 0.0    | 34.6  |       |
| 203     | 18.0  | 0.0    | 38.4  |       |

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#75

Chrysene-d12

Concen: 20.00 ng

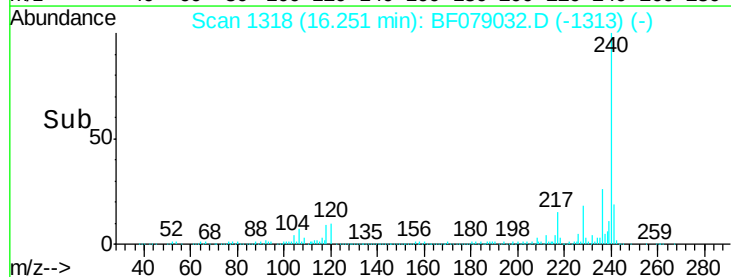
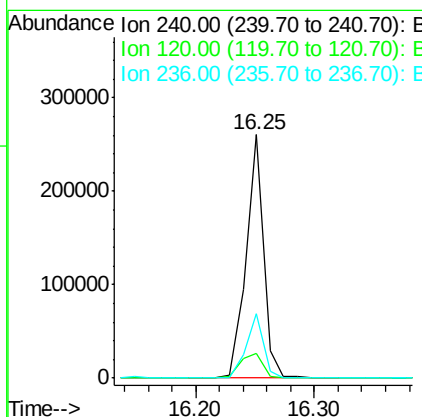
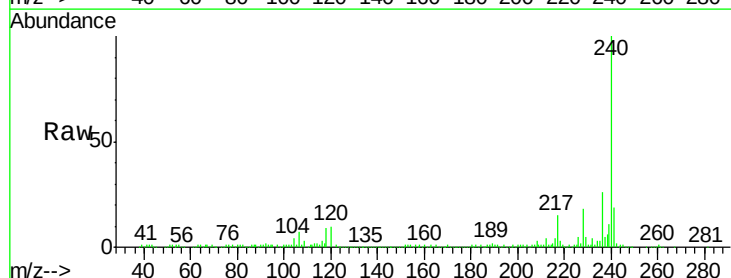
RT: 16.25 min Scan# 1318

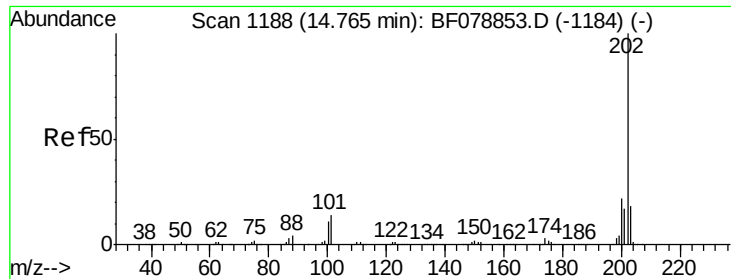
Delta R.T. -0.05 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 268507 |       |       |
| 120     | 10.2  | 9.7    | 14.5  |       |
| 236     | 26.3  | 20.2   | 30.4  |       |





#77

Pvrene

Concen: 52.71 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

Instrument :

BNA\_F

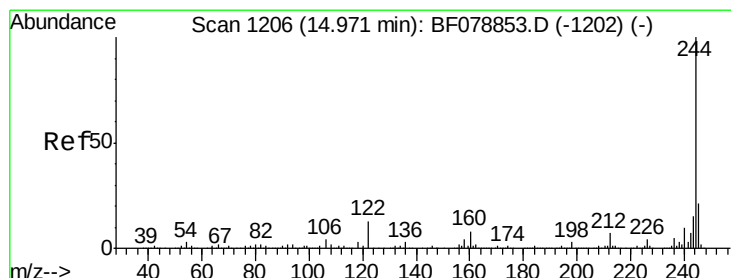
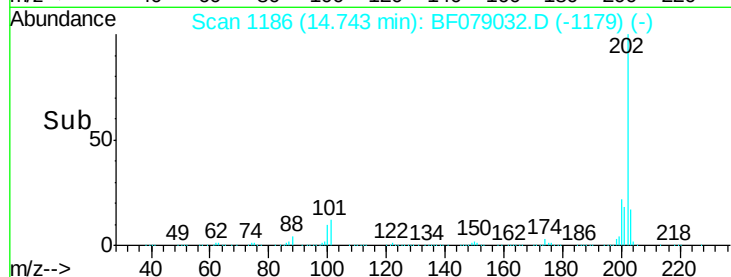
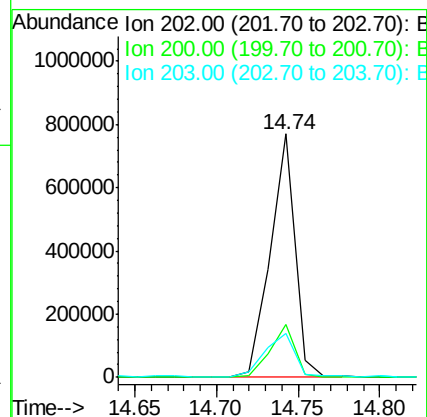
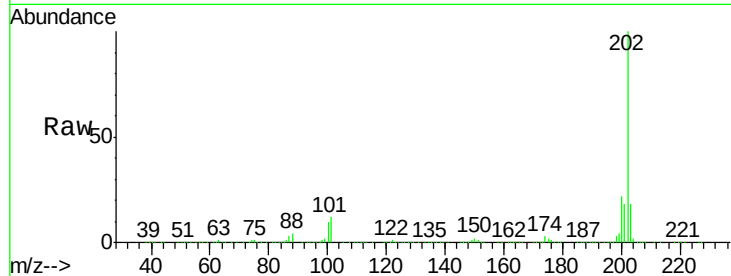
ClientSampled :

SB-44S

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 815523 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.7 | 17.5  | 26.3   |
| 203       | 17.9 | 13.9  | 20.9   |

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#78

Terphenyl-d14

Concen: 7.19 ng

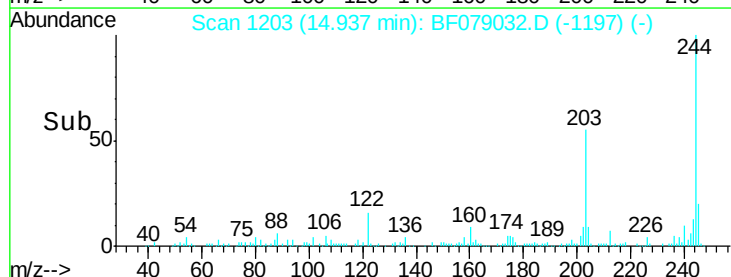
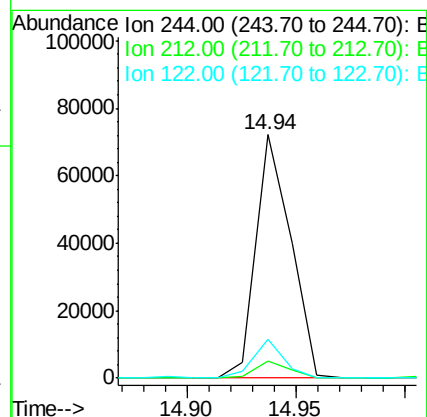
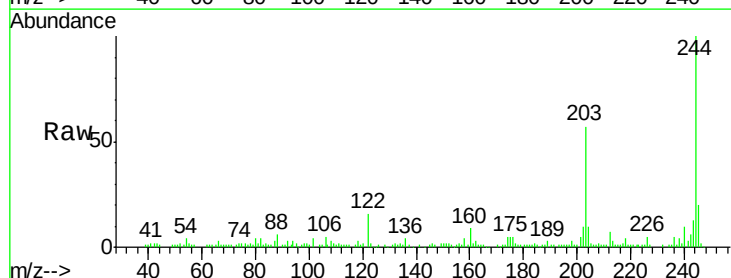
RT: 14.94 min Scan# 1203

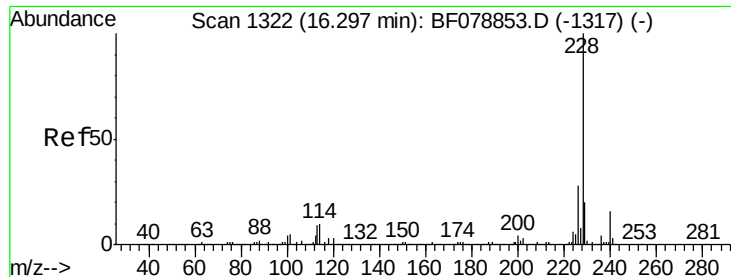
Delta R.T. -0.03 min

Lab File: BF079032.D

Acq: 8 May 2015 10:26

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 244  | Resp: | 80657 |
| Ion Ratio |      | Lower | Upper |
| 244       | 100  |       |       |
| 212       | 7.2  | 5.6   | 8.4   |
| 122       | 16.0 | 10.3  | 15.5  |





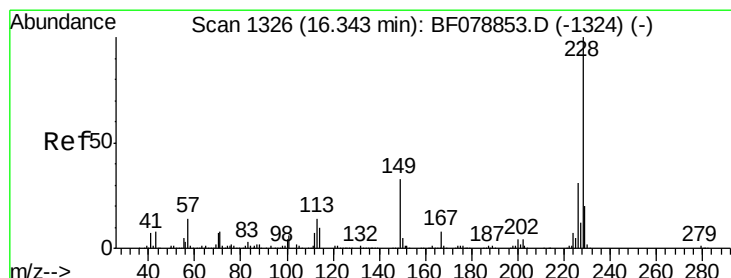
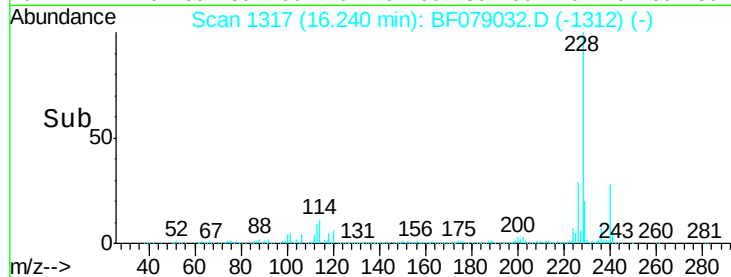
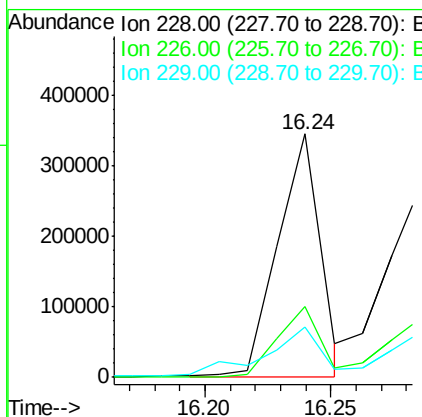
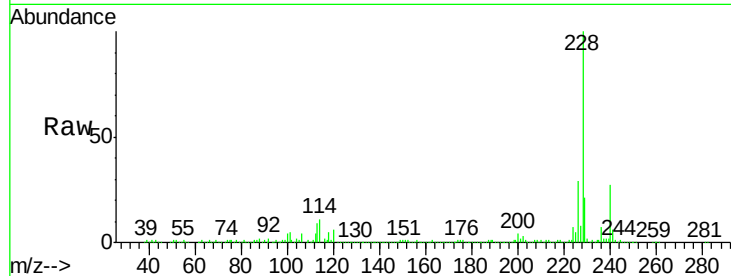
#80  
Benzo(a)anthracene  
Concen: 27.75 ng m  
RT: 16.24 min Scan# 1317  
Delta R.T. -0.05 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 407981 |       |       |
| 226     | 29.3 | 22.6  | 33.8   |       |       |
| 229     | 20.8 | 15.9  | 23.9   |       |       |

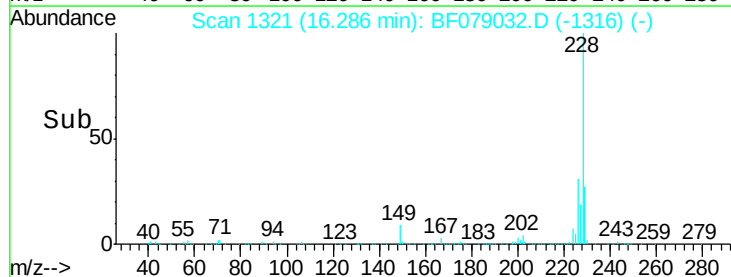
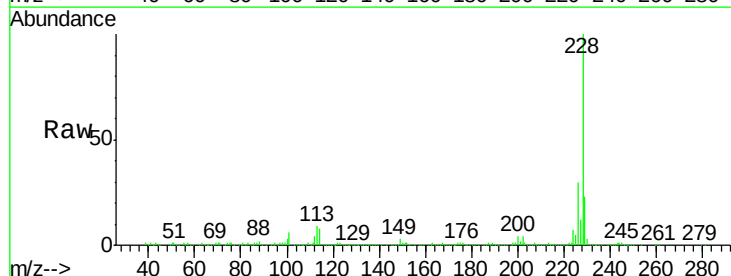
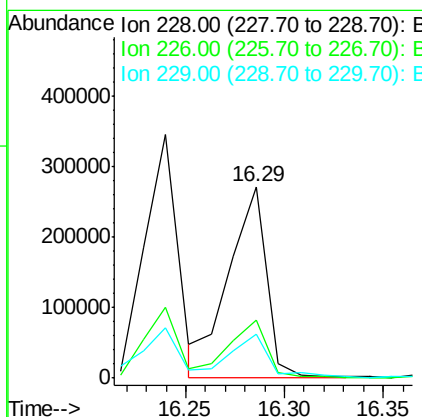
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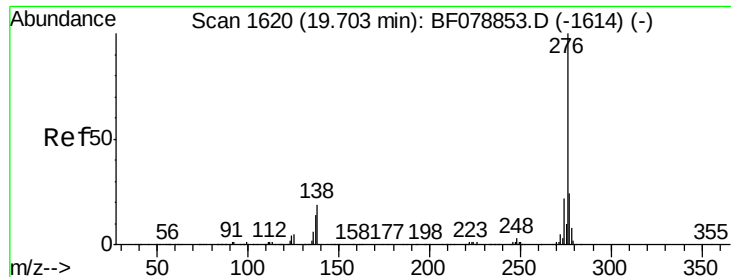
apatel  
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#82  
Chrysene  
Concen: 26.10 ng m  
RT: 16.29 min Scan# 1321  
Delta R.T. -0.05 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 228     | 100  |       | 369145 |       |       |
| 226     | 30.4 | 24.9  | 37.3   |       |       |
| 229     | 23.1 | 16.0  | 24.0   |       |       |





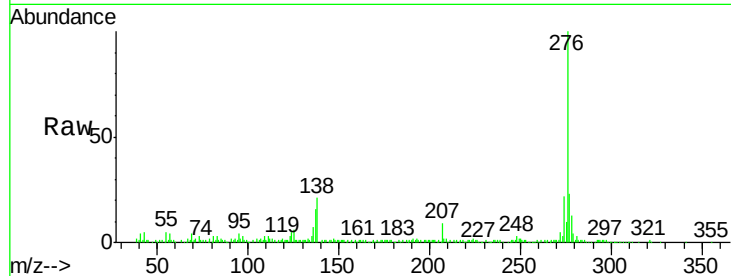
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 11.19 ng  
RT: 19.53 min Scan# 1605  
Delta R.T. -0.11 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampled :  
SB-44S

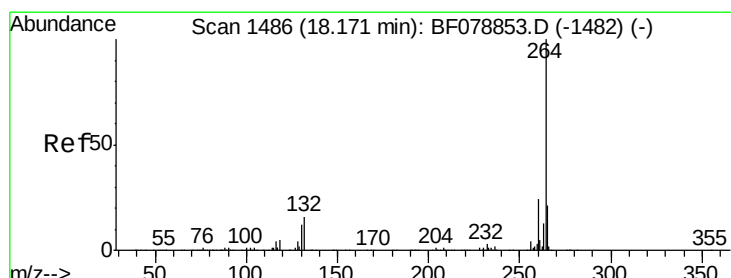
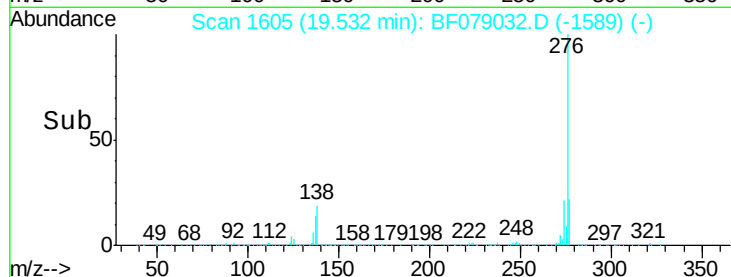
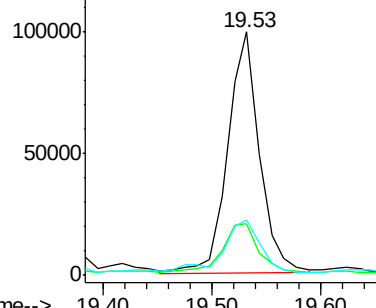
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 24.2  | 0.0        | 0.0#  |
| 277     | 28.8  | 0.0        | 0.0#  |

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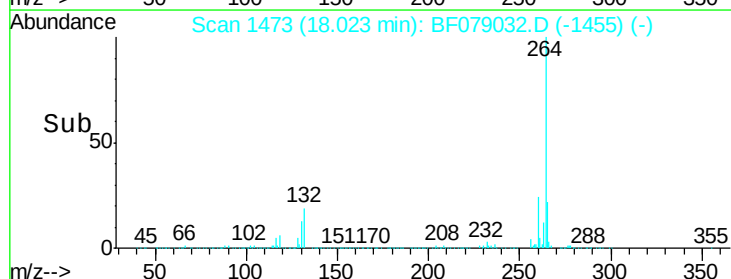
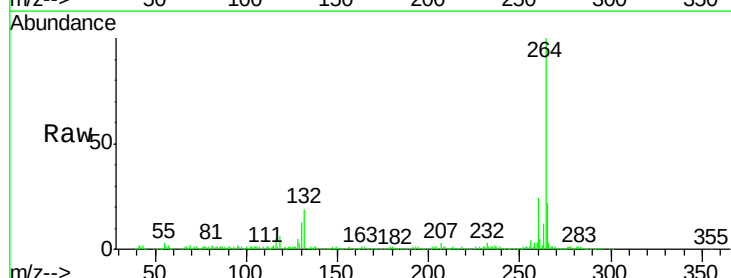
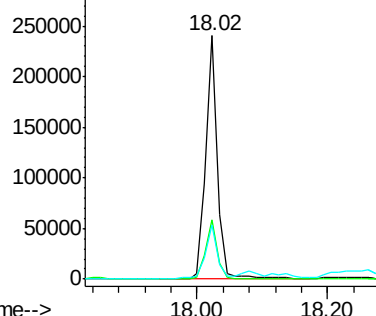
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

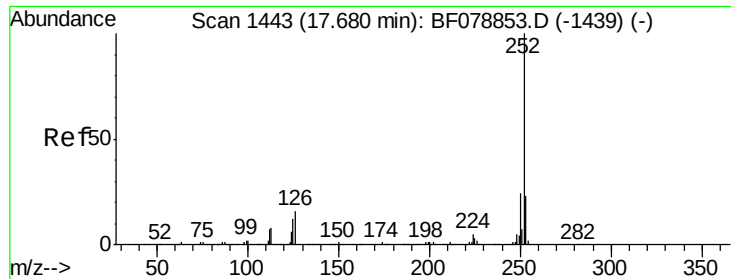


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 18.02 min Scan# 1473  
Delta R.T. -0.09 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 24.3  | 19.4       | 29.2  |
| 265     | 22.3  | 18.3       | 27.5  |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





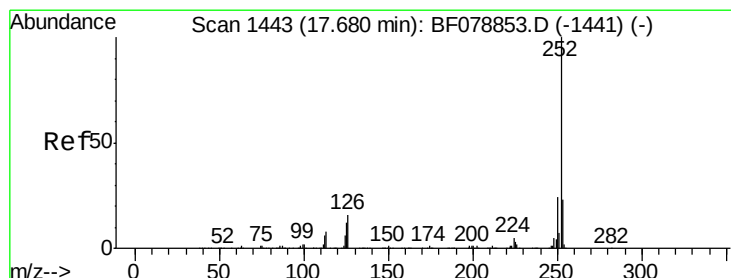
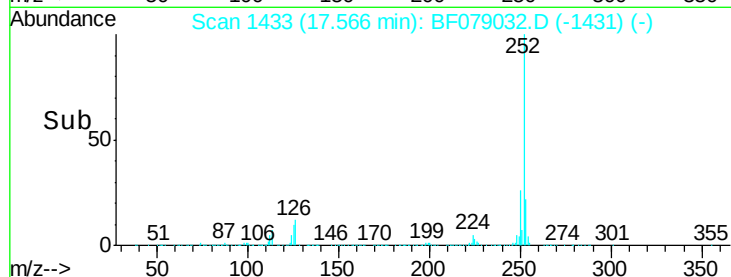
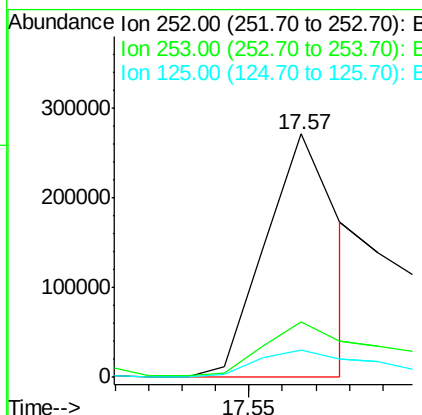
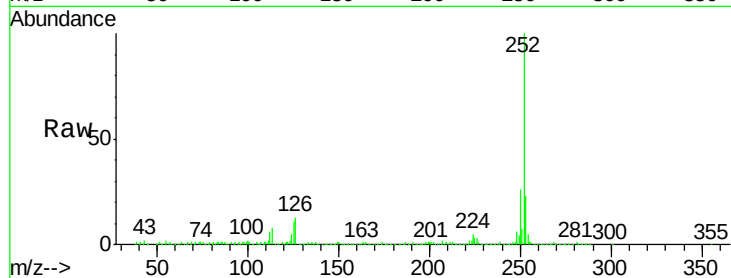
#87  
Benzo(b)fluoranthene  
Concen: 25.93 ng m  
RT: 17.57 min Scan# 1433  
Delta R.T. -0.08 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.7  | 26.5  |
| 125     | 11.2  | 9.5   | 14.3  |

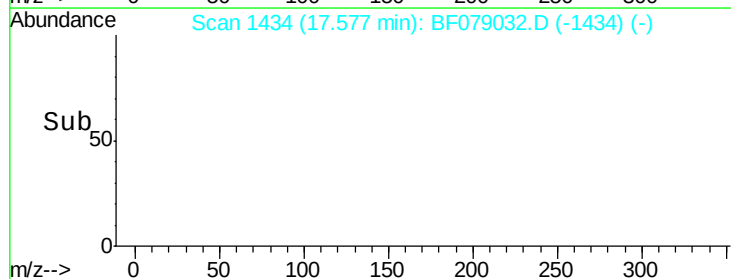
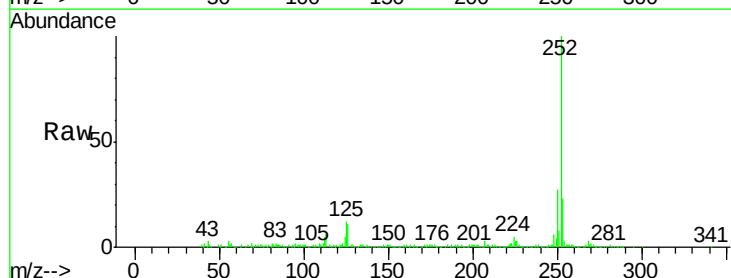
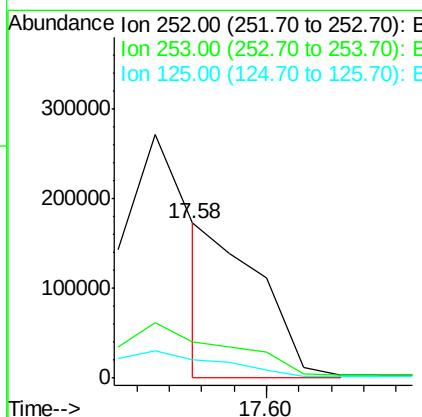
Manual Integrations  
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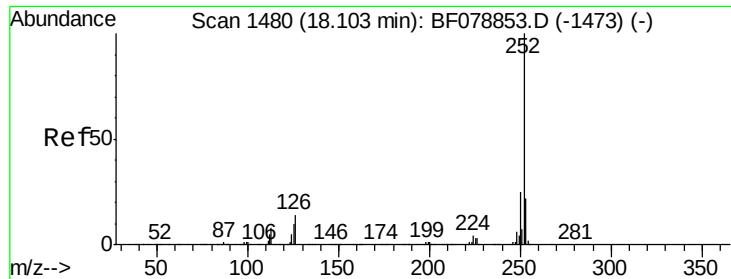
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#88  
Benzo(k)fluoranthene  
Concen: 11.90 ng m  
RT: 17.58 min Scan# 1434  
Delta R.T. -0.10 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.1  | 27.1  |
| 125     | 11.6  | 10.0  | 15.0  |





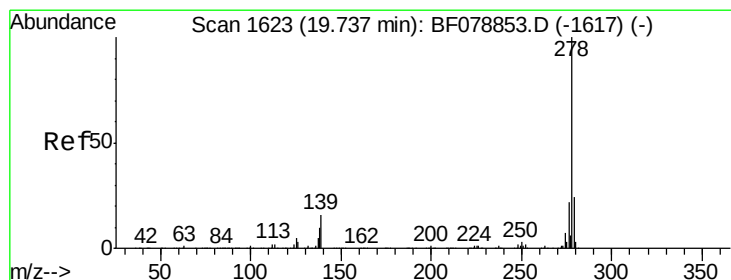
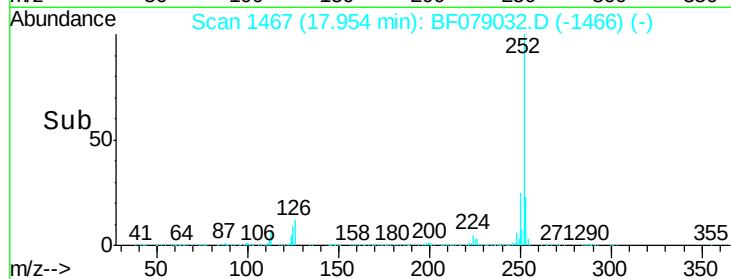
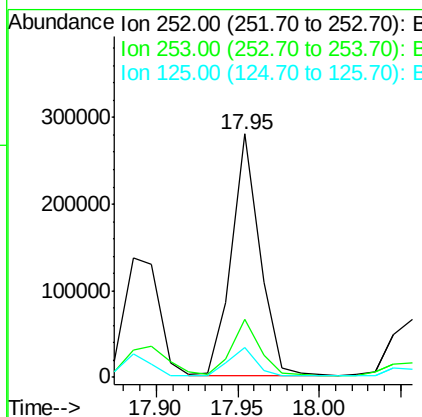
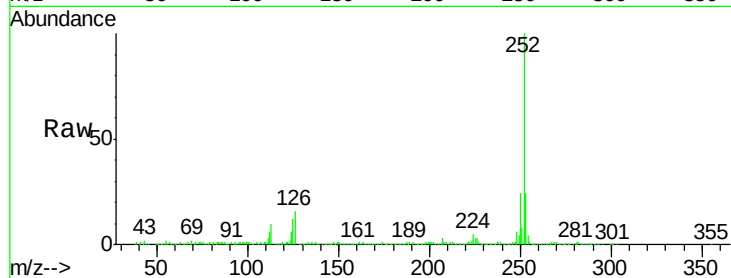
#89  
Benzo(a)pyrene  
Concen: 22.69 ng  
RT: 17.95 min Scan# 1467  
Delta R.T. -0.09 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-44S

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 253     | 23.9  | 17.3 | 25.9  |       |
| 125     | 12.1  | 7.0  | 10.6  |       |

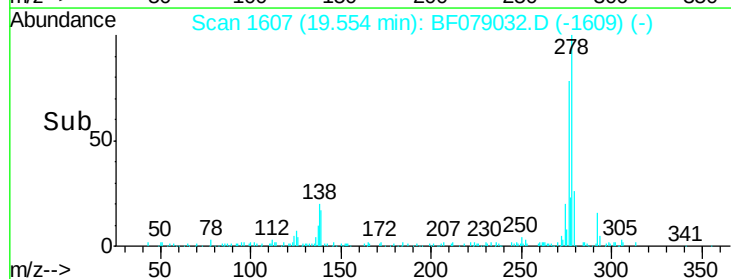
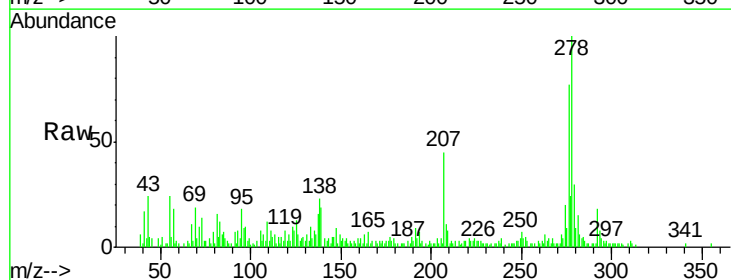
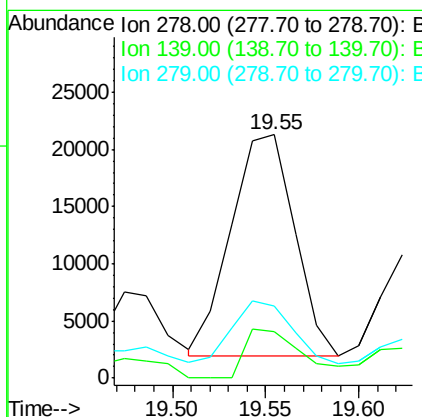
Manual Integrations  
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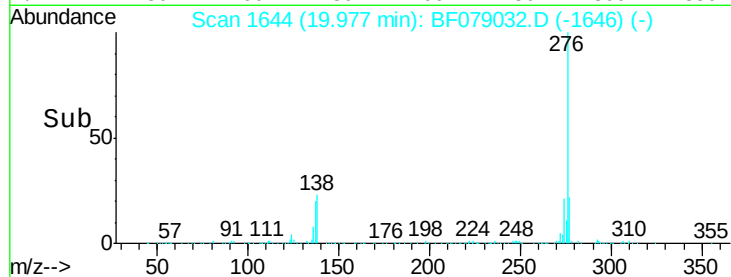
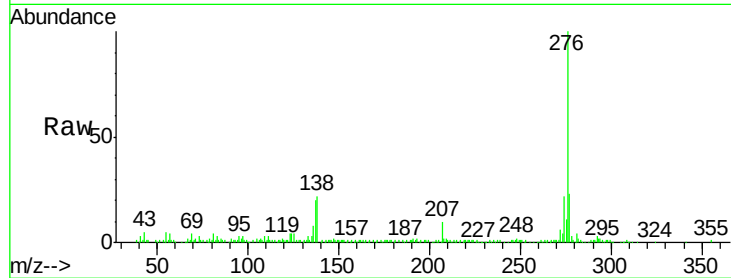
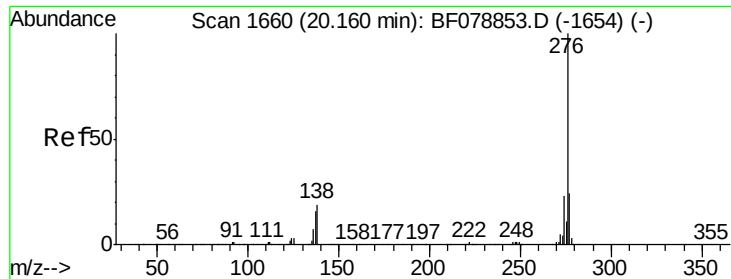


#90  
Dibenzo(a,h)anthracene  
Concen: 2.95 ng  
RT: 19.55 min Scan# 1607  
Delta R.T. -0.13 min  
Lab File: BF079032.D  
Acq: 8 May 2015 10:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 278     | 100   |      |       |       |
| 139     | 18.9  | 12.8 | 19.2  |       |
| 279     | 29.7  | 19.6 | 29.4  |       |







#91  
 Benzo(a,h,i)perylene  
 Concen: 12.18 ng  
 RT: 19.98 min Scan# 1644  
 Delta R.T. -0.13 min  
 Lab File: BF079032.D  
 Acq: 8 May 2015 10:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-44S

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 189340 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.2 | 18.6  | 28.0   |
| 138       | 22.3 | 17.4  | 26.0   |

Manual Integrations  
 APPROVED

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 5/8/2015 3:52:10 PM

