

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030316\  
 Data File : BF085156.D  
 Acq On : 3 Mar 2016 15:10  
 Operator : SJ/UM  
 Sample : SSTDICC02.5  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Manual Integrations  
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 3/4/2016 4:28:16 PM

Quant Time: Mar 04 01:00:48 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:11:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 198008m  | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.26  | 136  | 862325   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 384015   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.50 | 188  | 727295   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.14 | 240  | 606242   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.61 | 264  | 441009   | 20.00 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 5) 2-Fluorophenol           | 5.57  | 112 | 65950  | 5.44 | ng | -0.01 |
| 7) Phenol-d6                | 6.58  | 99  | 92777  | 5.84 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.53  | 82  | 85968  | 5.32 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330 | 17005  | 4.53 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.34  | 172 | 158628 | 6.13 | ng | -0.01 |
| 78) Terphenyl-d14           | 13.08 | 244 | 134499 | 5.18 | ng | -0.01 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.68 | 88  | 18458  | 3.07   | ng | 89   |
| 3) Pyridine                    | 3.50 | 79  | 38748  | 2.54   | ng | # 93 |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 16109  | 2.32   | ng | # 97 |
| 6) Aniline                     | 6.63 | 93  | 58713  | 2.61   | ng | 98   |
| 8) 2-Chlorophenol              | 6.76 | 128 | 42207  | 3.00   | ng | 94   |
| 9) Benzaldehyde                | 6.52 | 77  | 26877  | 3.25   | ng | 88   |
| 10) Phenol                     | 6.60 | 94  | 46735m | 2.65   | ng |      |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 37095  | 2.63   | ng | 89   |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 43854m | 2.91   | ng |      |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146 | 45598m | 2.98   | ng |      |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 39106  | 2.86   | ng | 96   |
| 15) Benzyl Alcohol             | 7.11 | 79  | 31853  | 2.74   | ng | 94   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45  | 56468  | 2.73   | ng | 98   |
| 17) 2-Methylphenol             | 7.21 | 107 | 28941m | 2.46   | ng |      |
| 18) Hexachloroethane           | 7.50 | 117 | 14484  | 2.55   | ng | # 90 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 26394m | 2.54   | ng |      |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 41260  | 2.95   | ng | # 85 |
| 22) Acetophenone               | 7.38 | 105 | 56886  | 2.62   | ng | # 93 |
| 24) Nitrobenzene               | 7.56 | 77  | 42023  | 2.49   | ng | 91   |
| 25) Isophorone                 | 7.80 | 82  | 73058  | 2.37   | ng | 94   |
| 26) 2-Nitrophenol              | 7.88 | 139 | 16610  | 2.20   | ng | # 78 |
| 27) 2,4-Dimethylphenol         | 7.91 | 122 | 33718m | 2.31   | ng |      |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 42434  | 2.48   | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.12 | 162 | 27538  | 2.30   | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.21 | 180 | 33762  | 2.58   | ng | 95   |
| 31) Naphthalene                | 8.29 | 128 | 120938 | 2.79   | ng | 97   |
| 33) 4-Chloroaniline            | 8.33 | 127 | 43719  | 2.54   | ng | # 88 |
| 34) Hexachlorobutadiene        | 8.40 | 225 | 16812  | 2.26   | ng | 98   |
| 35) Caprolactam                | 8.65 | 113 | 9150   | 2.42   | ng | 94   |
| 36) 4-Chloro-3-methylphenol    | 8.80 | 107 | 32073  | 2.42   | ng | 87   |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 74704  | 2.79   | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 31450  | 2.70   | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 9.13 | 237 | 13561  | 2.07   | ng | 99   |
| 42) 2,4,6-Trichlorophenol      | 9.25 | 196 | 22414  | 2.83   | ng | 100  |

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Quant Time: Mar 04 01:00:48 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:11:57 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 19440    | 2.56 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.44  | 154  | 95416    | 2.86 | ng    | 92       |
| 46) 2-Chloronaphthalene        | 9.46  | 162  | 71489    | 2.90 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.56  | 65   | 16882    | 2.19 | ng    | # 64     |
| 48) Acenaphthylene             | 9.88  | 152  | 119021   | 3.20 | ng    | 95       |
| 49) Dimethylphthalate          | 9.73  | 163  | 83400    | 2.92 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 15072    | 2.55 | ng    | # 78     |
| 51) Acenaphthene               | 10.05 | 154  | 70715    | 3.04 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 18690    | 2.67 | ng    | # 78     |
| 54) Dibenzofuran               | 10.22 | 168  | 93194    | 3.08 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.10 | 139  | 12532    | 2.31 | ng    | # 77     |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 18024    | 2.26 | ng    | # 78     |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 13285    | 2.35 | ng    | 93       |
| 59) Diethylphthalate           | 10.42 | 149  | 74148    | 2.73 | ng    | # 91     |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204  | 34449    | 2.82 | ng    | # 84     |
| 61) 4-Nitroaniline             | 10.56 | 138  | 18450    | 2.83 | ng    | 97       |
| 62) Azobenzene                 | 10.71 | 77   | 76408    | 2.77 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 60507    | 2.67 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 18462    | 2.42 | ng    | # 73     |
| 67) Hexachlorobenzene          | 11.11 | 284  | 20888    | 2.46 | ng    | # 83     |
| 68) Atrazine                   | 11.19 | 200  | 19132    | 2.80 | ng    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 117521   | 3.22 | ng    | 97       |
| 71) Anthracene                 | 11.58 | 178  | 116083   | 2.87 | ng    | 97       |
| 72) Carbazole                  | 11.73 | 167  | 105334   | 2.98 | ng    | 96       |
| 73) Di-n-butylphthalate        | 12.06 | 149  | 125683   | 3.00 | ng    | 98       |
| 74) Fluoranthene               | 12.71 | 202  | 113472   | 2.87 | ng    | 98       |
| 77) Pyrene                     | 12.94 | 202  | 117412   | 2.72 | ng    | 97       |
| 79) Butylbenzylphthalate       | 13.56 | 149  | 45389    | 2.49 | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.13 | 228  | 96957    | 2.72 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 25137    | 2.25 | ng    | # 96     |
| 82) Chrysene                   | 14.16 | 228  | 87406    | 2.63 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 66870    | 3.13 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.72 | 149  | 88421    | 2.73 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.17 | 252  | 76746    | 2.80 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 15.20 | 252  | 61973m   | 2.71 | ng    |          |
| 89) Benzo(a)pyrene             | 15.55 | 252  | 59647    | 2.61 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.09 | 278  | 43997    | 2.14 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.51 | 276  | 43491    | 2.08 | ng    | 98       |

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

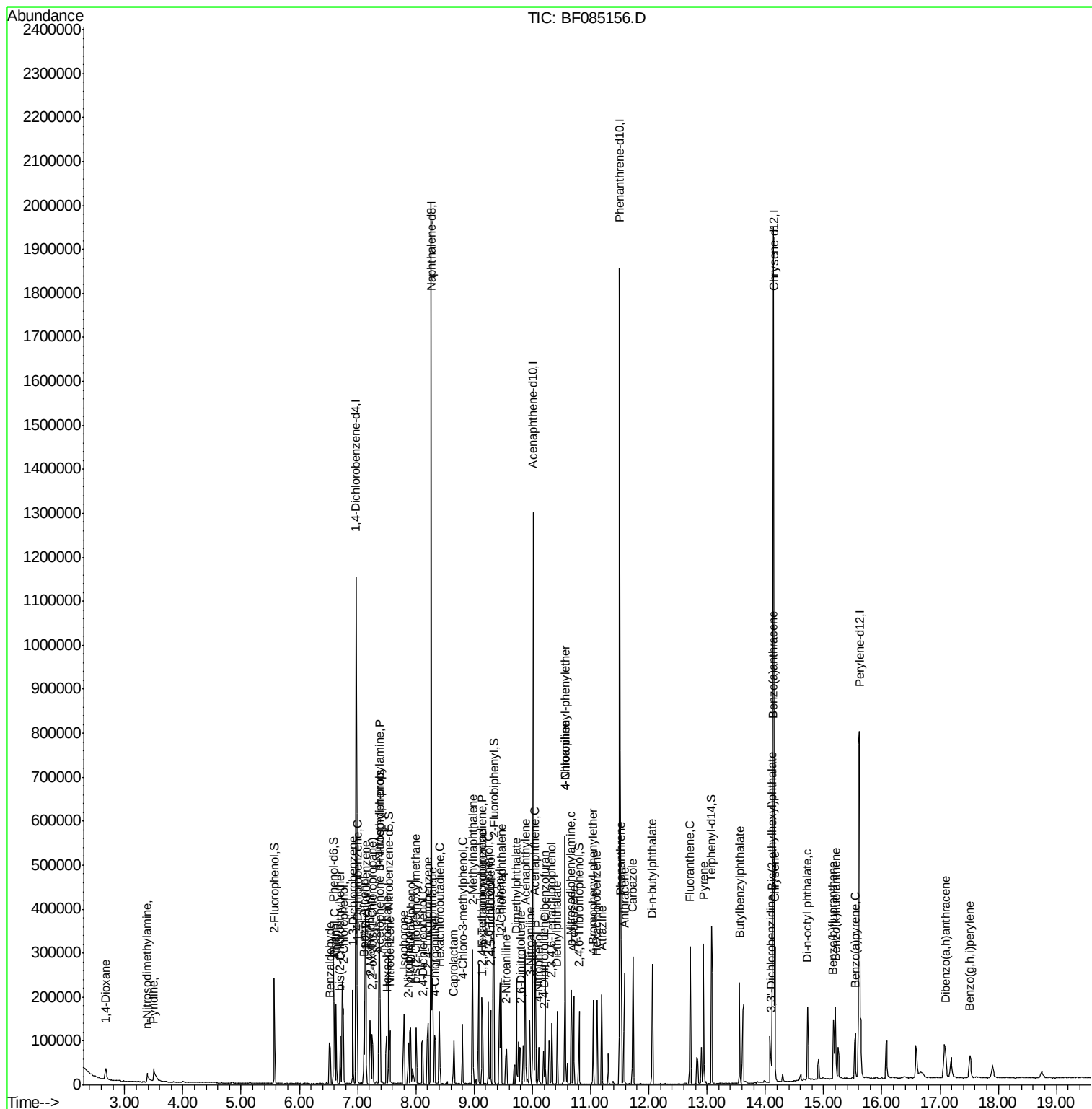
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030316\  
Data File : BF085156.D  
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Operator : SJ/UM  
Sample : SSTDICC02.5  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

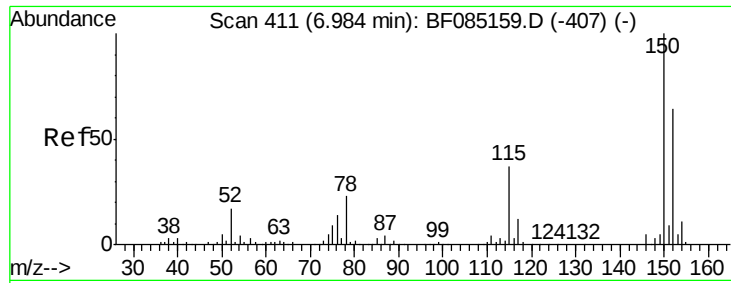
Instrument :  
BNA\_F  
Client Sample ID :  
SSTDICC02.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

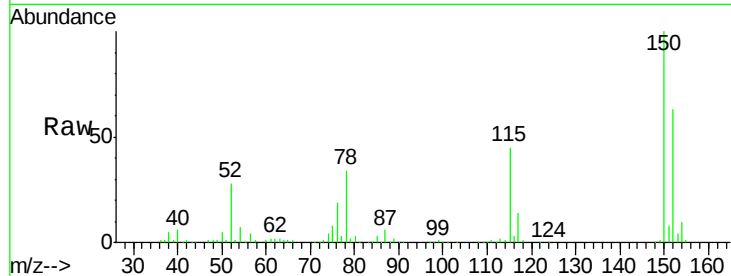
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng m  
RT: 6.97 min Scan# 410  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

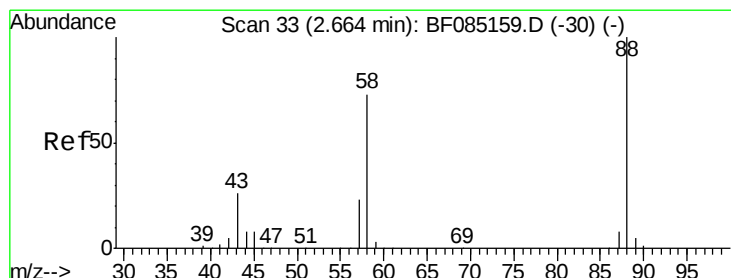
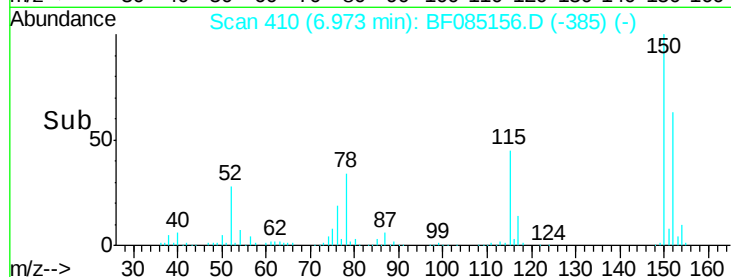
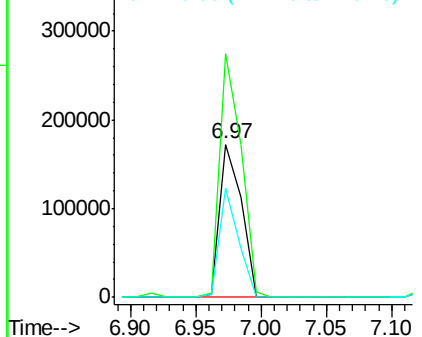
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 198008 |       |       |
| 150     | 159.0 | 124.6  | 186.8 |       |
| 115     | 71.6  | 46.6   | 70.0  |       |

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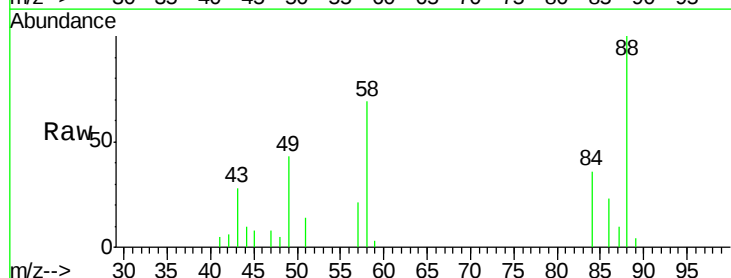
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



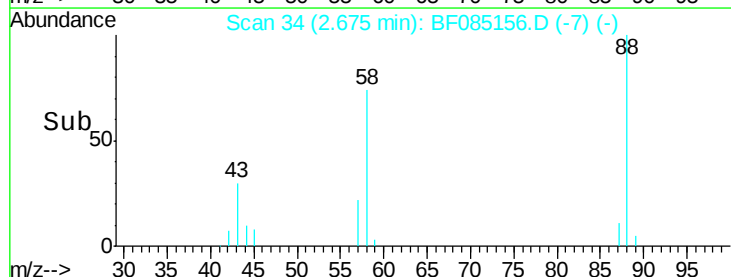
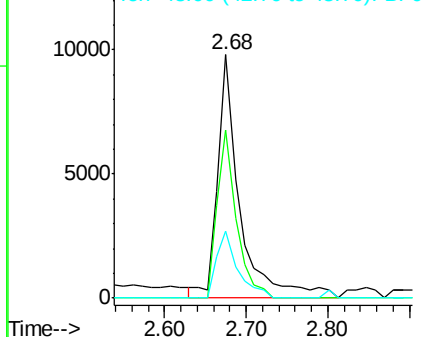
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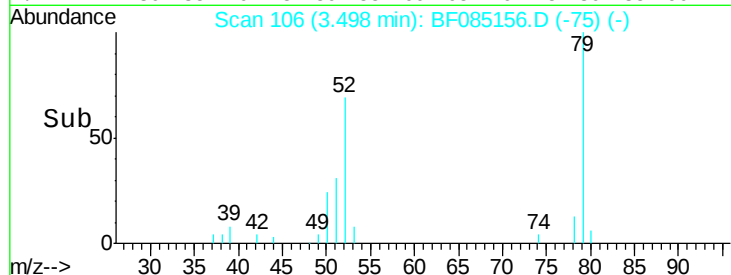
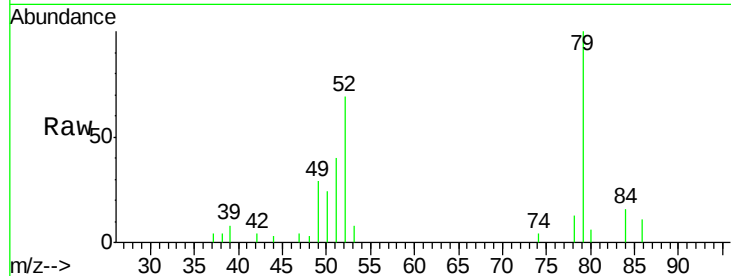
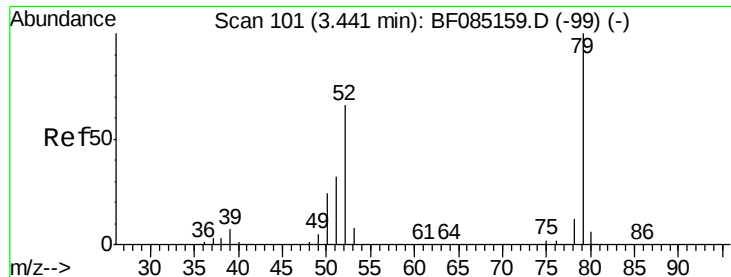
1,4-Dioxane  
Concen: 3.07 ng  
RT: 2.68 min Scan# 34  
Delta R.T. 0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 18458 |       |       |
| 58      | 59.3  | 57.0  | 85.6  |       |
| 43      | 26.2  | 20.5  | 30.7  |       |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





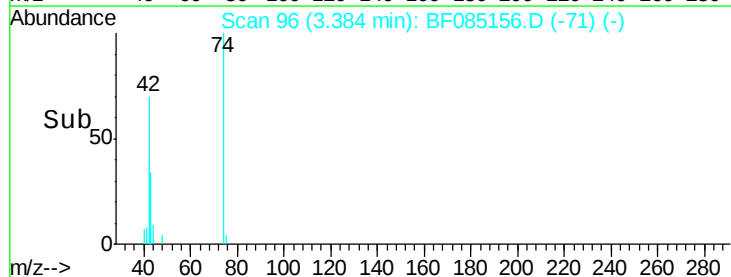
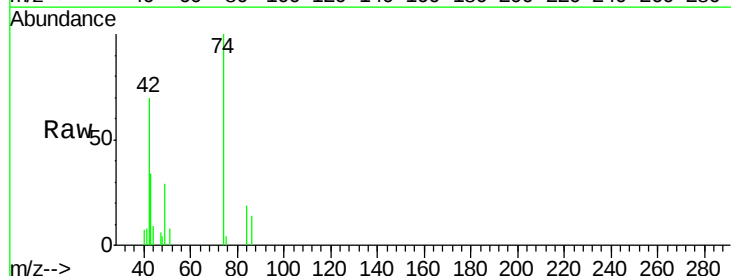
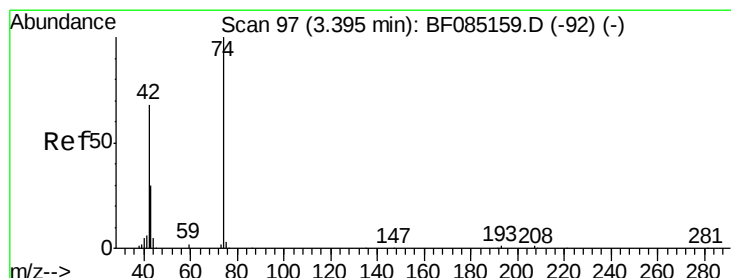
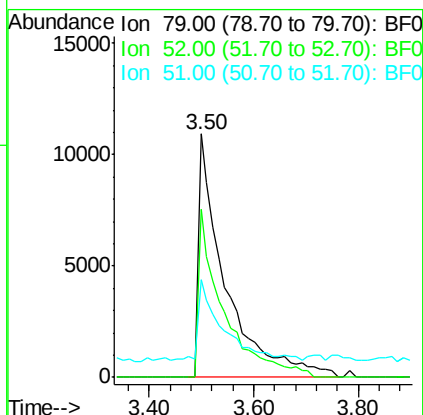
#3  
Pyridine  
Concen: 2.54 ng  
RT: 3.50 min Scan# 106  
Delta R.T. 0.06 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 68.8  | 52.6  | 79.0  |
| 51      | 39.9  | 25.8  | 38.8# |

Instrument :  
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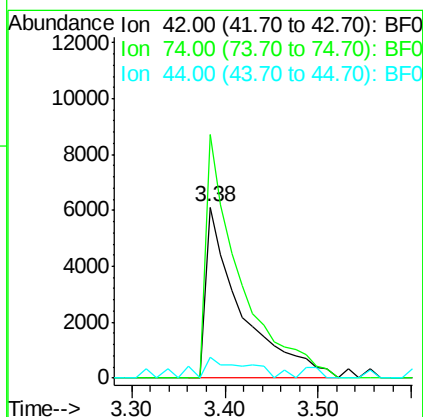
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#4  
n-Nitrosodimethylamine  
Concen: 2.32 ng  
RT: 3.38 min Scan# 96  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 142.6 | 116.8 | 175.2 |
| 44      | 12.2  | 5.5   | 8.3#  |





#5

2-Fluorophenol

Concen: 5.44 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085156.D

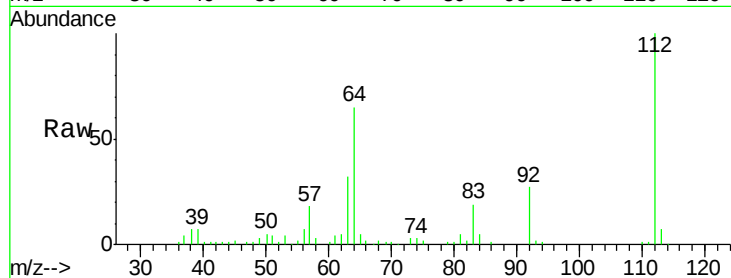
Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

ClientSampleId :

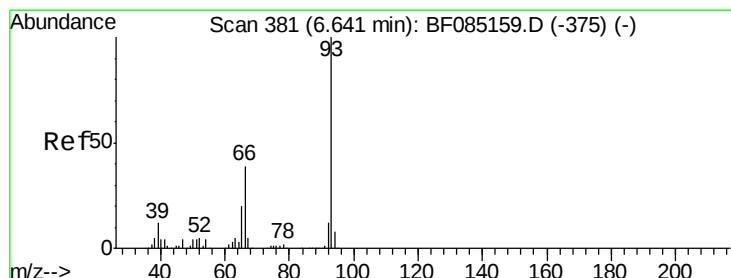
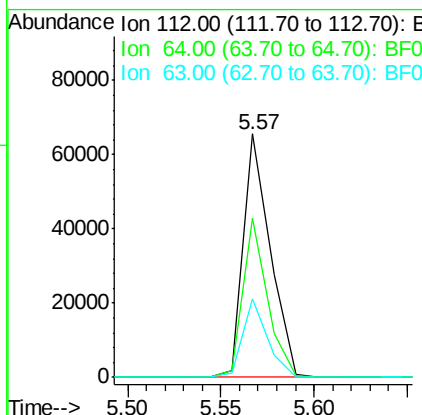
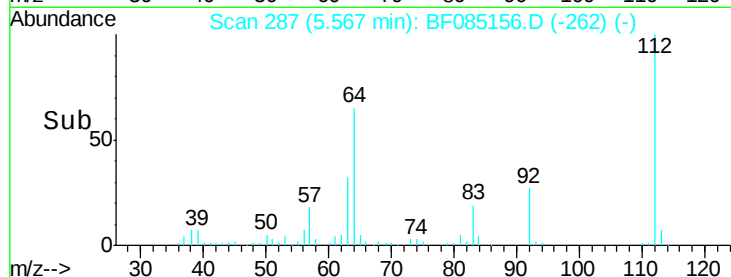
SSTDICC02.5



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 65950 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 65.3  | 49.0  | 73.4  |
| 63        | 32.1  | 24.8  | 37.2  |

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#6

Aniline

Concen: 2.61 ng

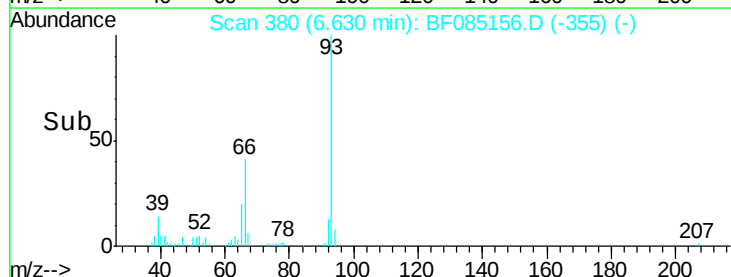
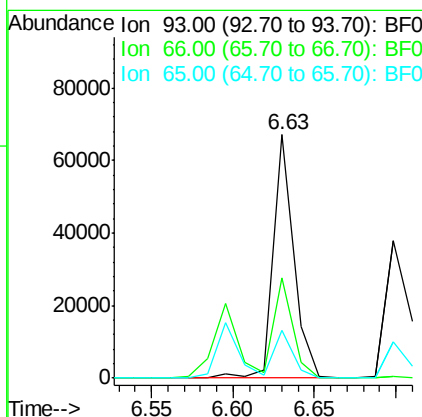
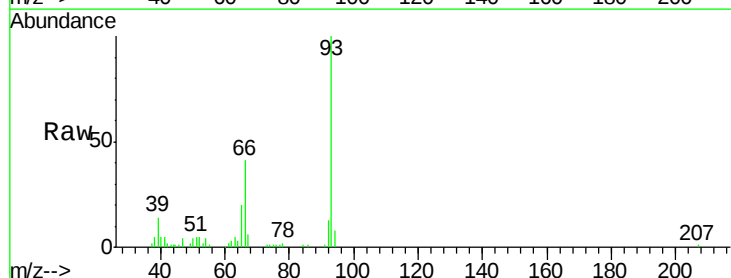
RT: 6.63 min Scan# 380

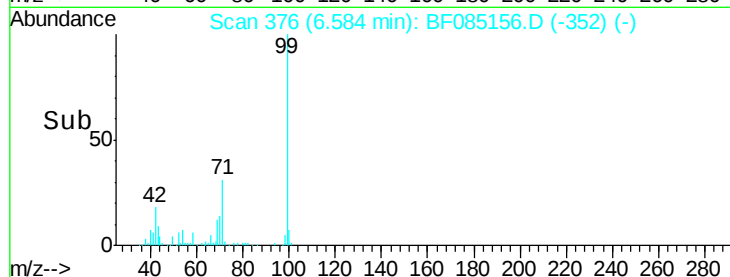
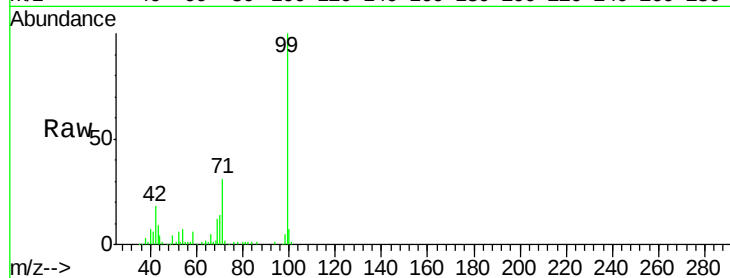
Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 58713 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 41.1  | 31.6  | 47.4  |
| 65        | 19.8  | 15.8  | 23.8  |





#7

Phenol-d6

Concen: 5.84 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 92777 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 17.8  | 13.6  | 20.4  |
| 71        | 31.3  | 26.7  | 40.1  |

Instrument :

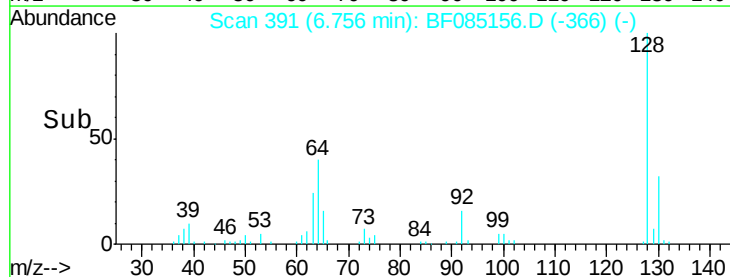
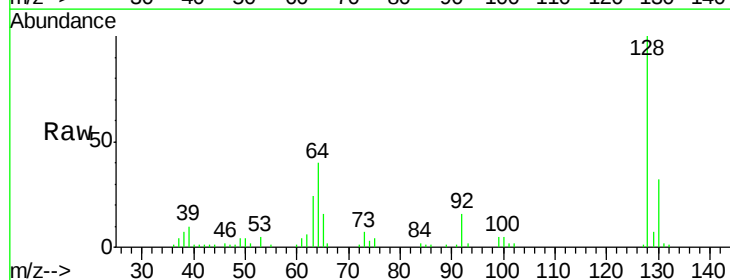
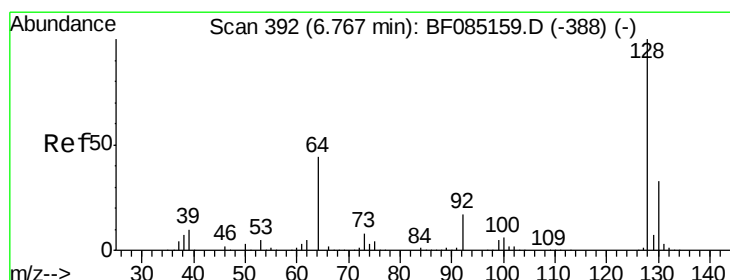
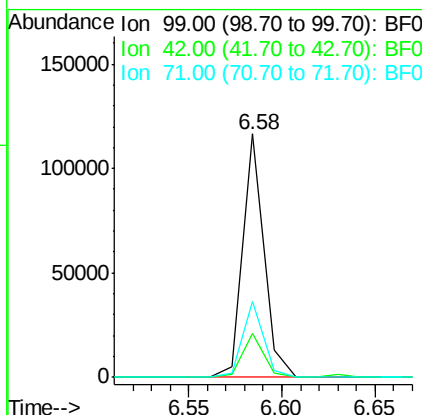
BNA\_F

ClientSampleId :

SSTDICC02.5

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#8

2-Chlorophenol

Concen: 3.00 ng

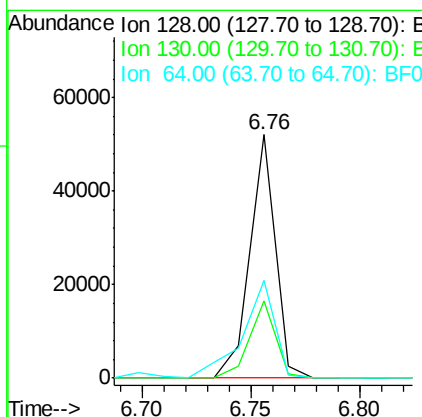
RT: 6.76 min Scan# 391

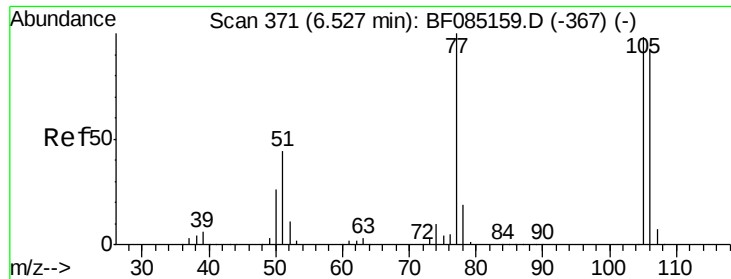
Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 42207 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.8  | 13.3  | 53.3  |
| 64        | 39.9  | 25.7  | 65.7  |





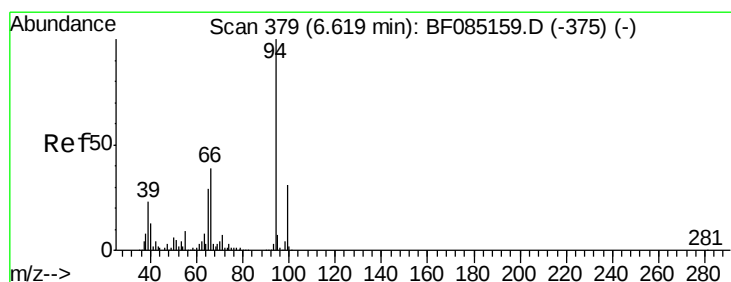
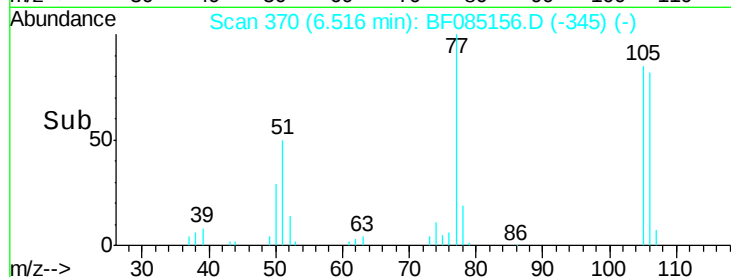
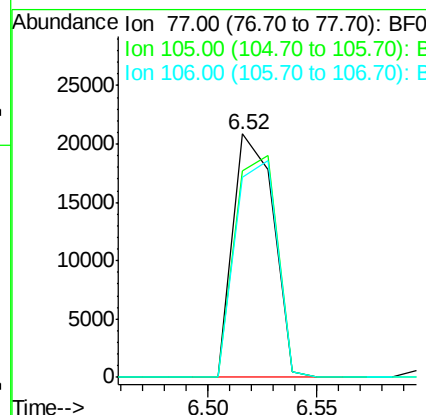
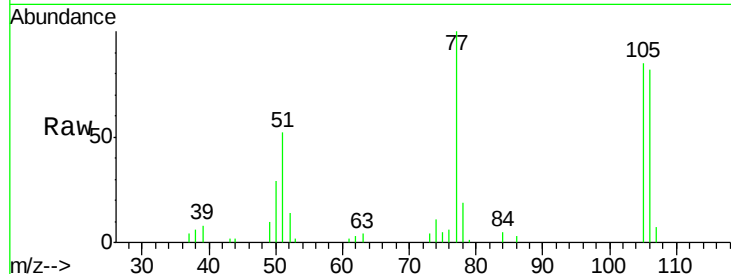
#9  
Benzaldehyde  
Concen: 3.25 ng  
RT: 6.52 min Scan# 370  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 84.9  | 78.2  | 118.2 |
| 106     | 81.9  | 72.9  | 112.9 |

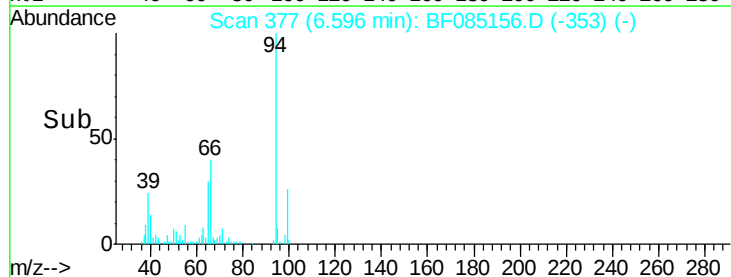
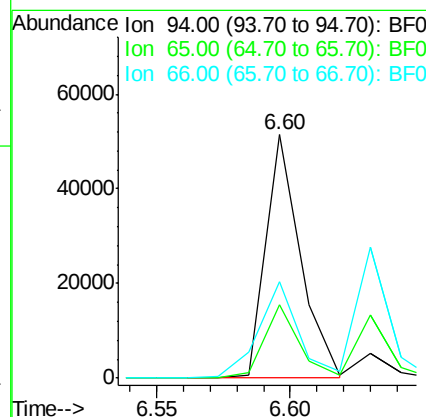
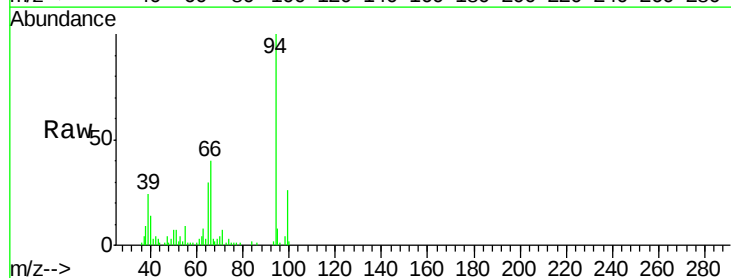
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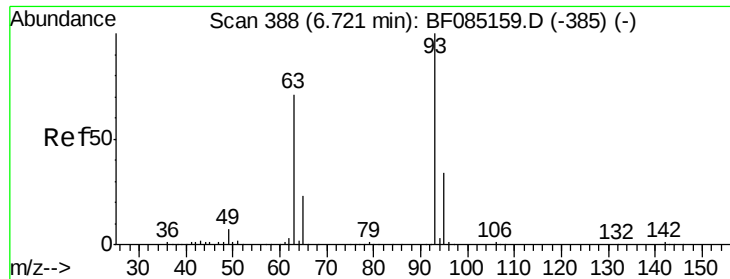
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#10  
Phenol  
Concen: 2.65 ng m  
RT: 6.60 min Scan# 377  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.0  | 9.1   | 49.1  |
| 66      | 39.8  | 19.3  | 59.3  |





#11

bis(2-Chloroethyl)ether

Concen: 2.63 ng

RT: 6.70 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

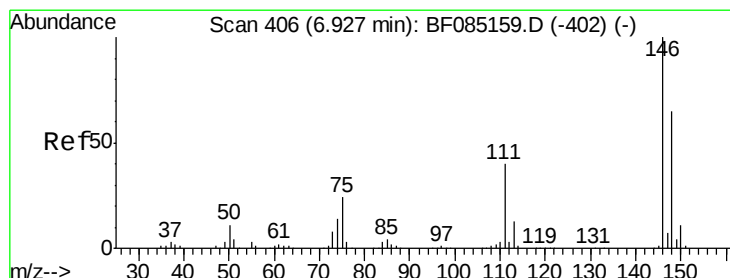
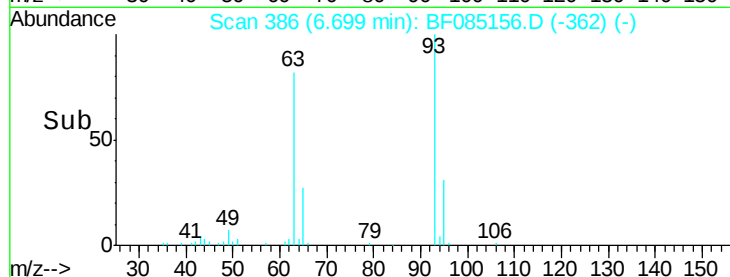
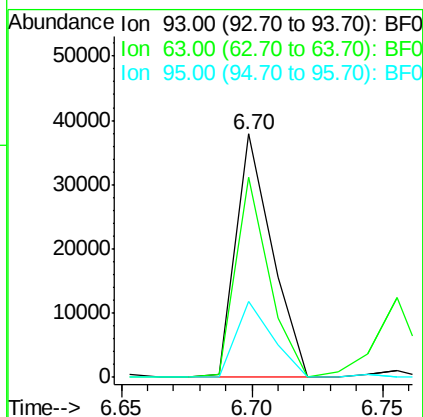
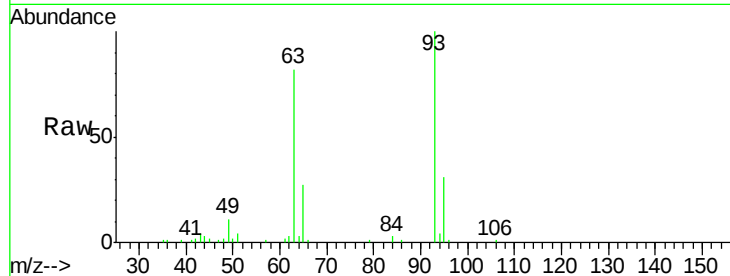
ClientSampleId :

SSTDICC02.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 37095 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 63        | 82.1  | 50.9  | 90.9  |
| 95        | 31.1  | 13.7  | 53.7  |

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#12

1,3-Dichlorobenzene

Concen: 2.91 ng m

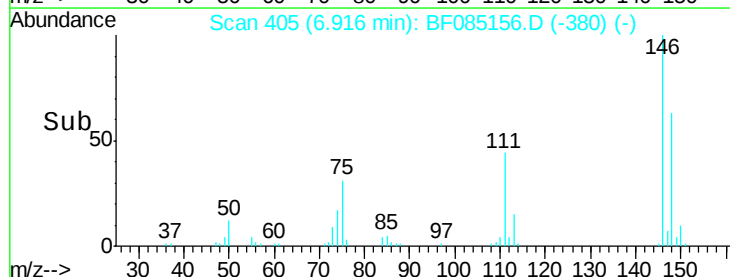
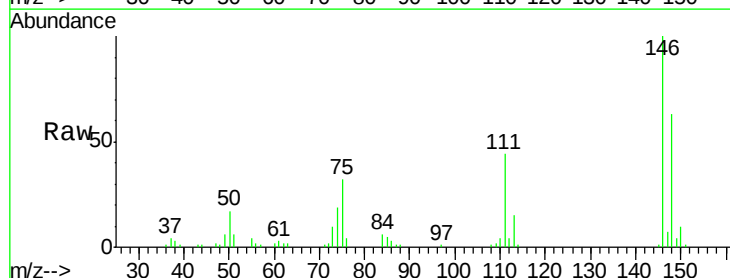
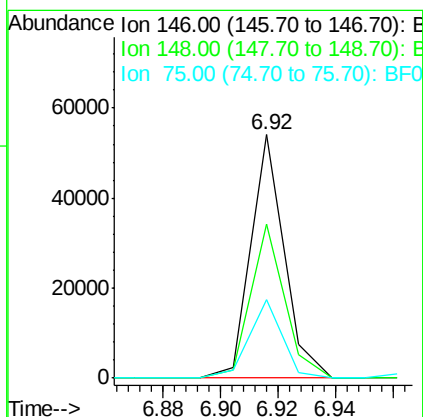
RT: 6.92 min Scan# 405

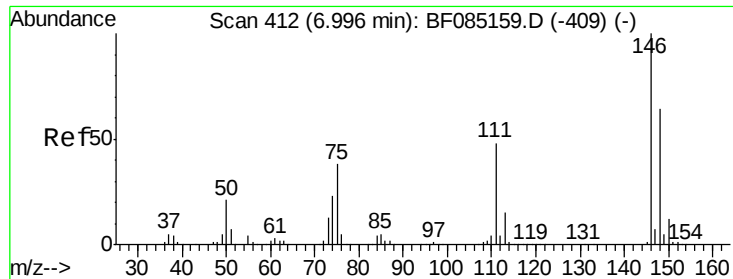
Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 43854 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.1  | 52.1  | 78.1  |
| 75        | 32.4  | 19.5  | 29.3# |





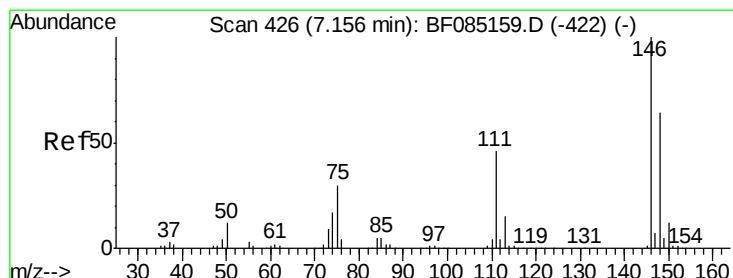
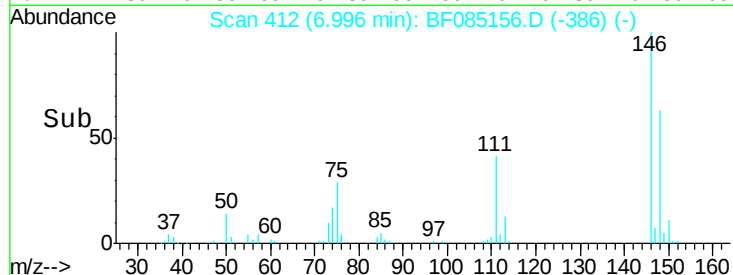
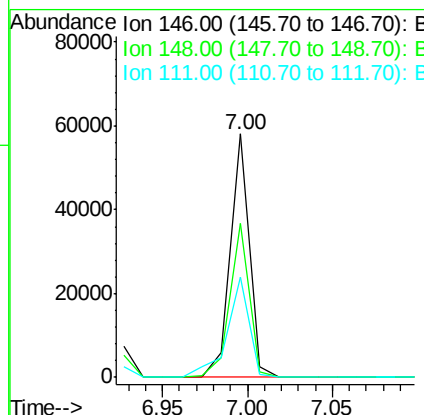
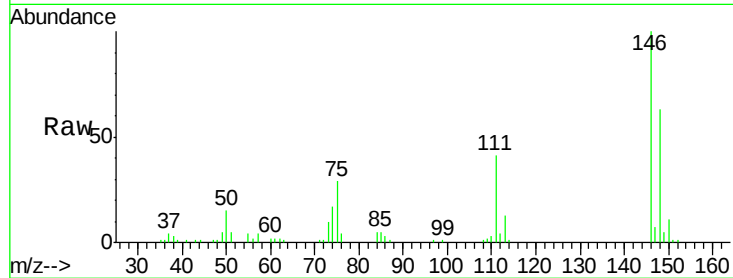
#13  
1,4-Dichlorobenzene  
Concen: 2.98 ng m  
RT: 7.00 min Scan# 412  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.3  | 76.9  |
| 111     | 41.1  | 38.4  | 57.6  |

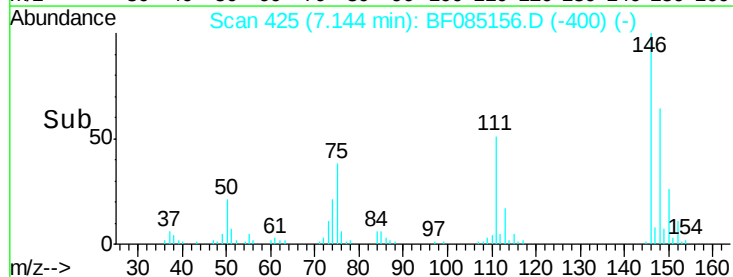
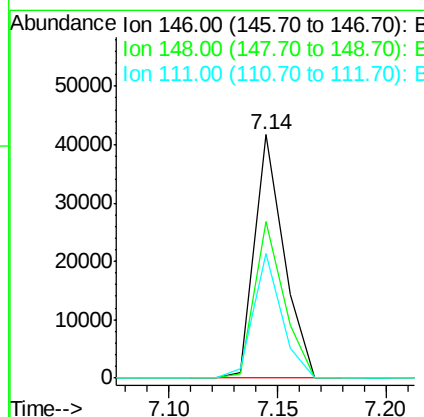
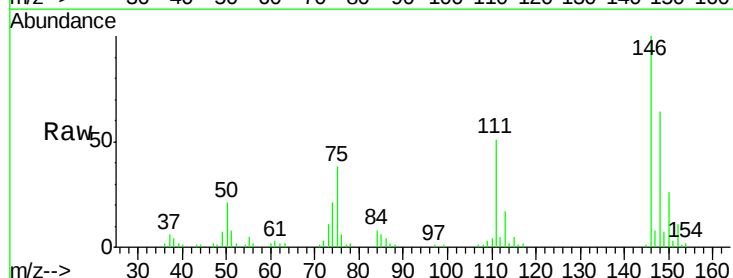
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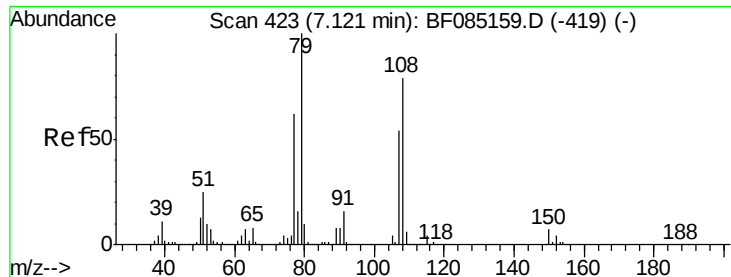
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#14  
1,2-Dichlorobenzene  
Concen: 2.86 ng  
RT: 7.14 min Scan# 425  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.2  |
| 111     | 51.4  | 36.7  | 55.1  |





#15

Benzyl Alcohol

Concen: 2.74 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

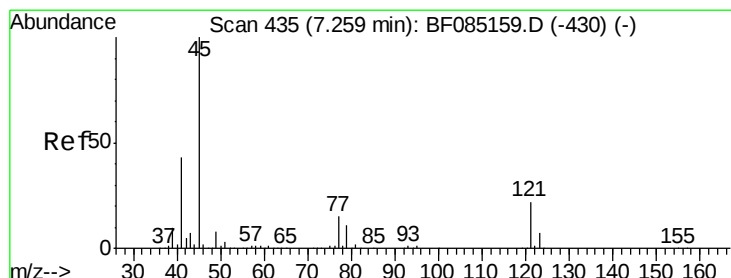
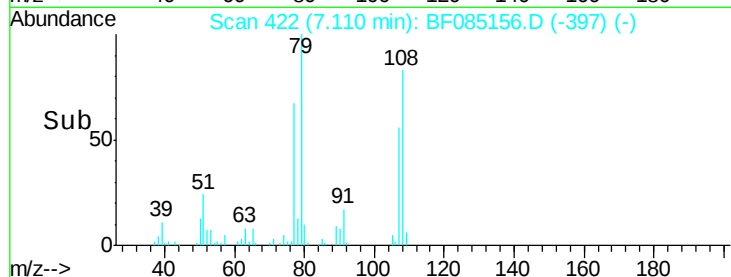
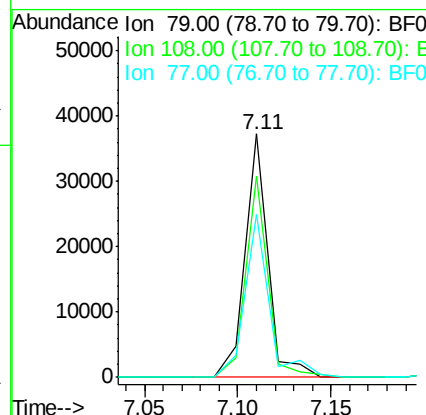
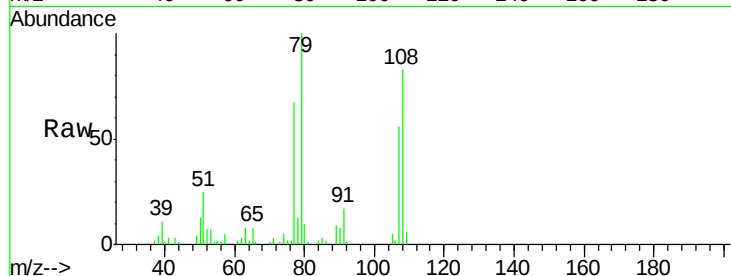
ClientSampleId :

SSTDICC02.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 31853 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 82.7  | 62.9  | 94.3  |
| 77        | 67.0  | 49.5  | 74.3  |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.73 ng

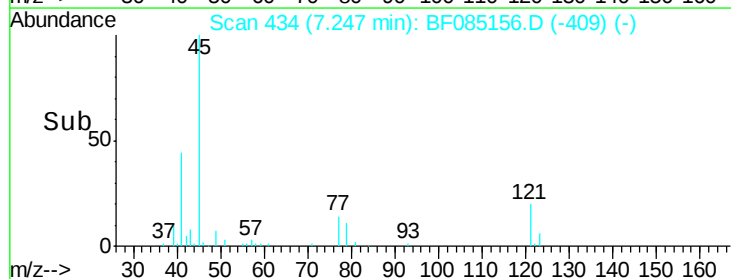
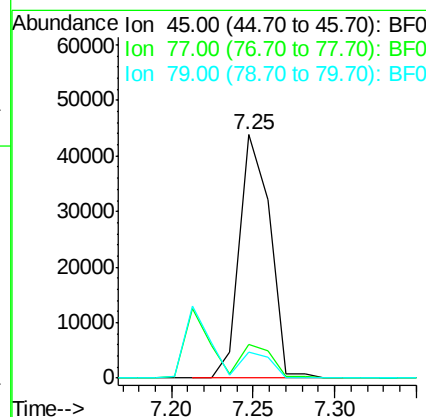
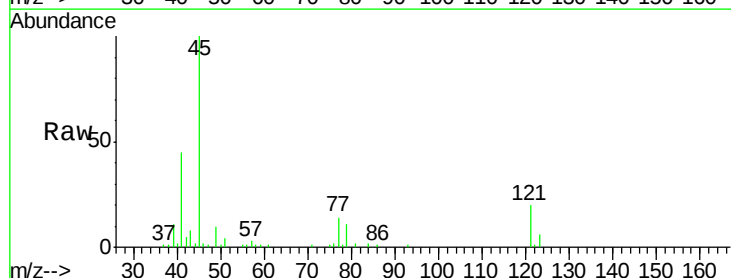
RT: 7.25 min Scan# 434

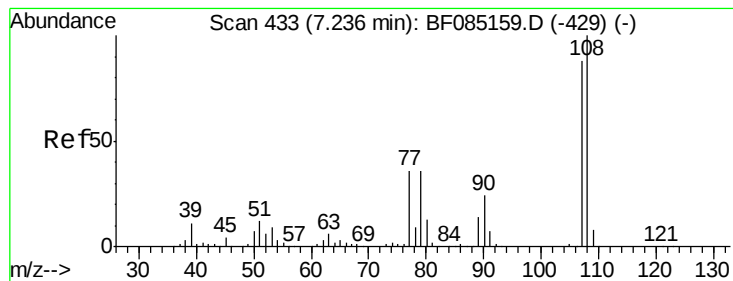
Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 56468 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 14.1  | 0.0   | 35.1  |
| 79        | 10.7  | 0.0   | 31.3  |





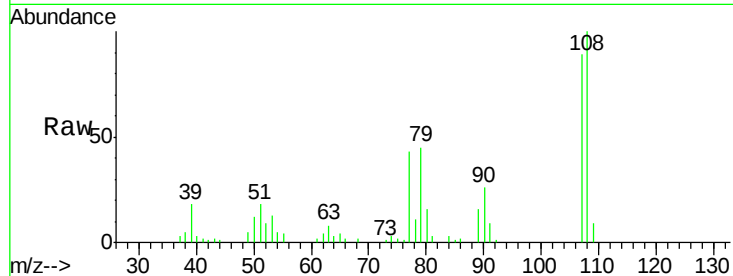
#17  
2-Methylphenol  
Concen: 2.46 ng m  
RT: 7.21 min Scan# 431  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 28941 |       |       |
| 108     | 112.2 | 90.9  | 136.3 |       |
| 77      | 48.6  | 32.6  | 48.8  |       |
| 79      | 50.1  | 32.8  | 49.2  |       |

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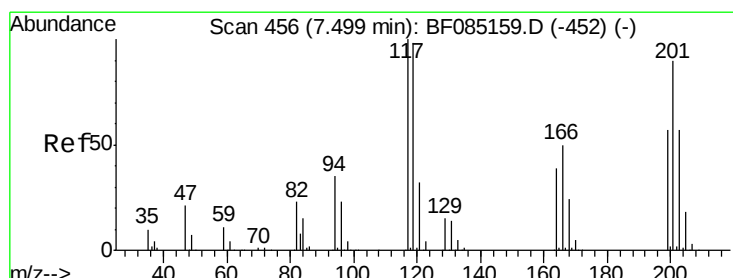
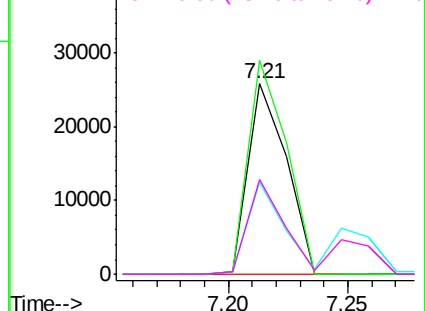
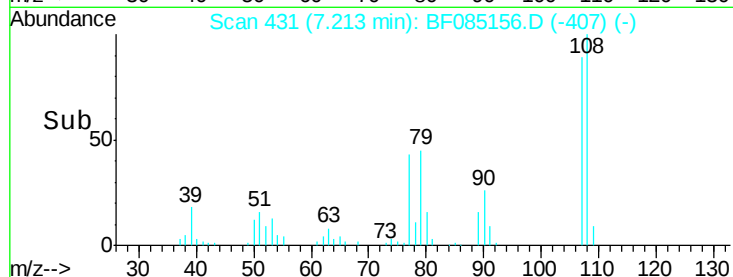
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

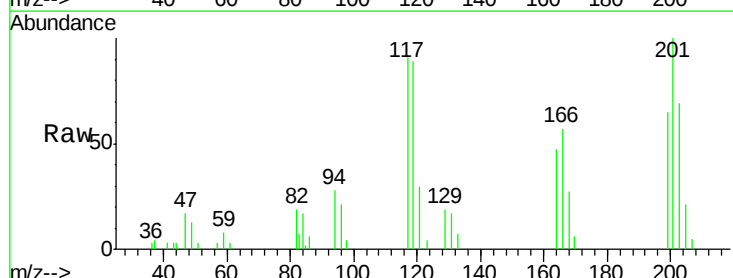
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 2.55 ng  
RT: 7.50 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 14484 |       |       |
| 119     | 97.1  | 78.2  | 117.4 |       |
| 201     | 109.6 | 72.0  | 108.0 |       |

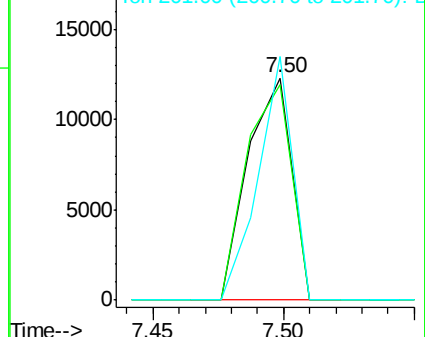
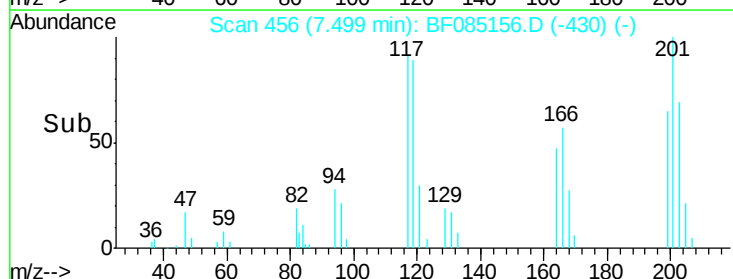


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





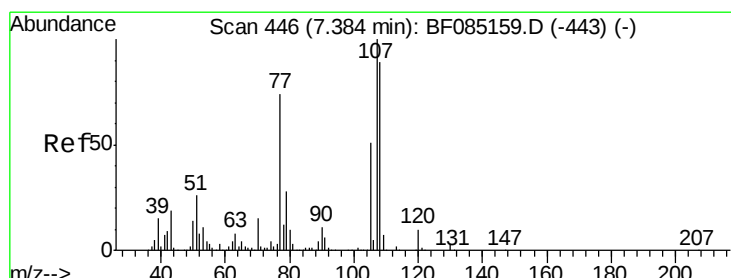
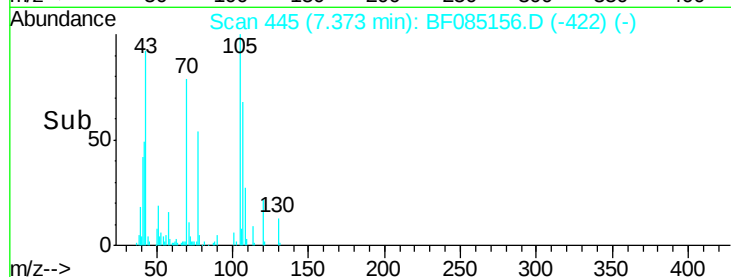
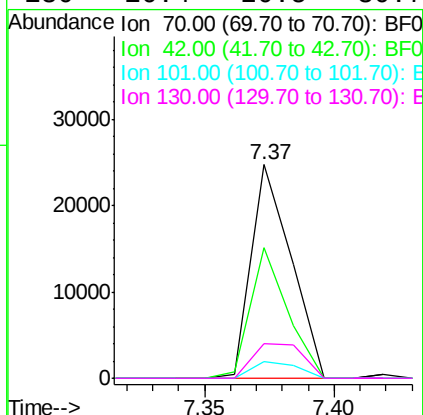
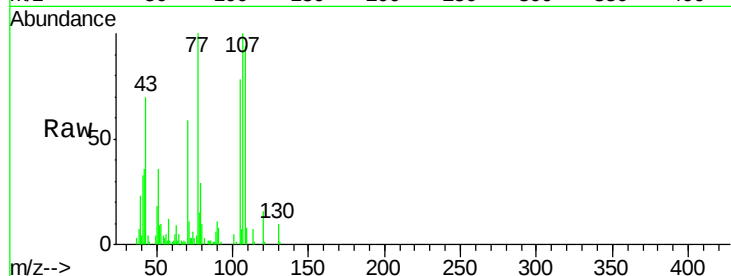
#19  
n-Nitroso-di-n-propylamine  
Concen: 2.54 ng m  
RT: 7.37 min Scan# 445  
Delta R.T. -0.03 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 61.2  | 37.7  | 56.5# |
| 101     | 7.8   | 8.2   | 12.4# |
| 130     | 16.4  | 20.5  | 30.7# |

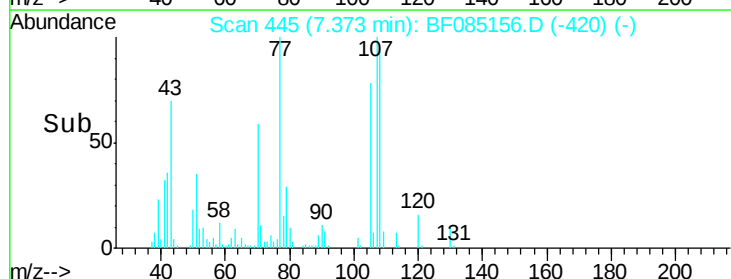
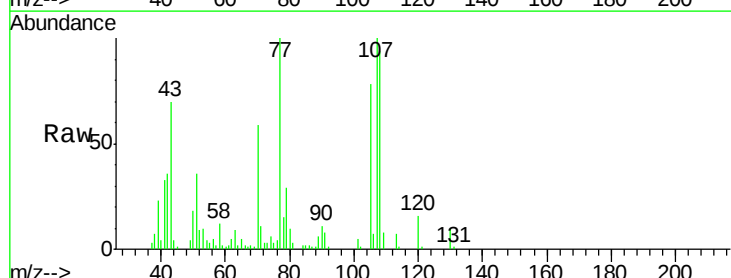
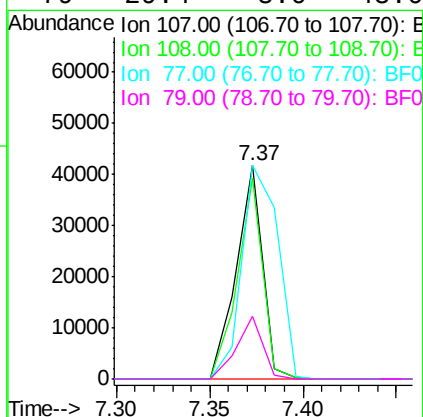
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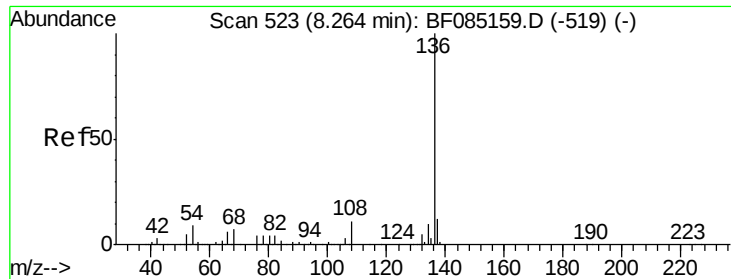
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#20  
3+4-Methylphenols  
Concen: 2.95 ng  
RT: 7.37 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 94.0  | 68.8  | 108.8 |
| 77      | 99.9  | 53.6  | 93.6# |
| 79      | 29.4  | 8.0   | 48.0  |





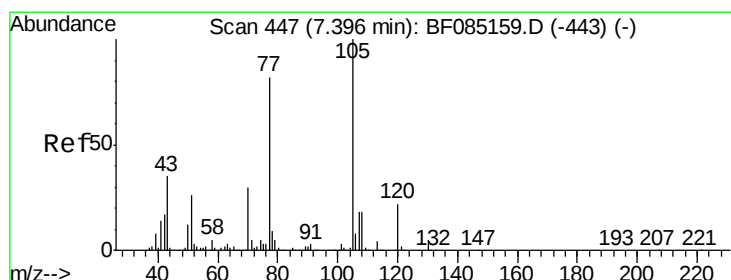
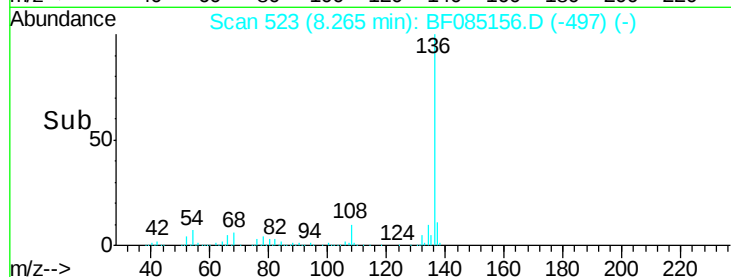
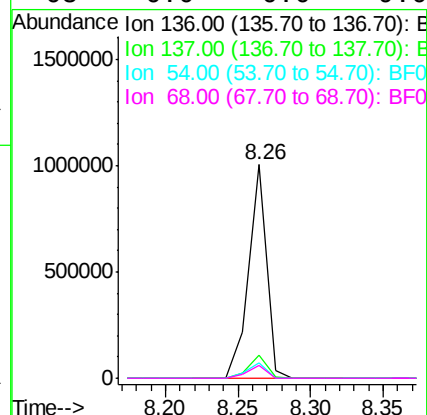
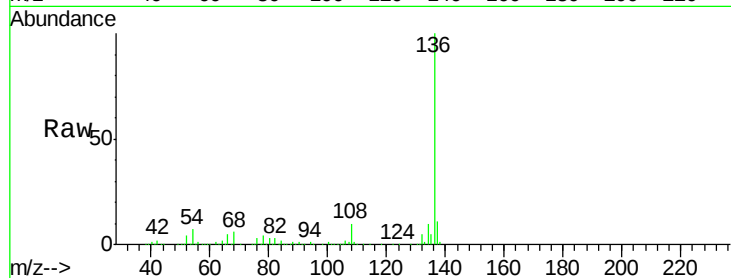
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.26 min Scan# 523  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 11.1  | 9.3        | 13.9       |
| 54      | 7.2   | 7.4        | 11.2#      |
| 68      | 6.0   | 6.0        | 9.0        |

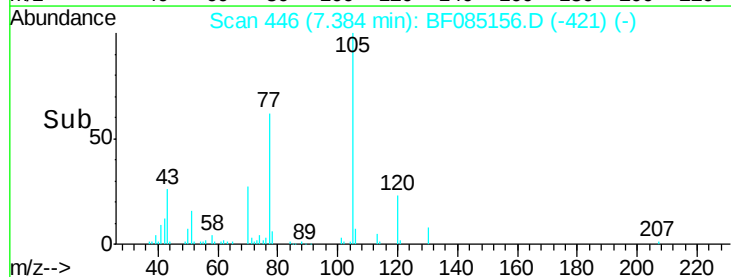
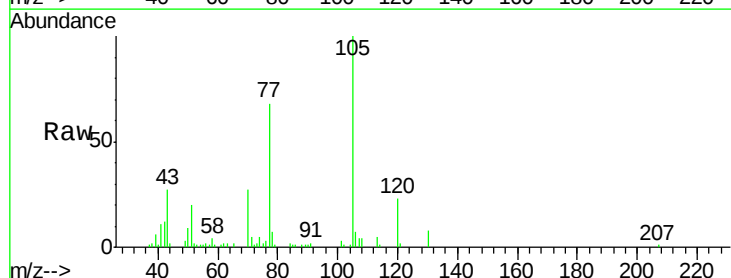
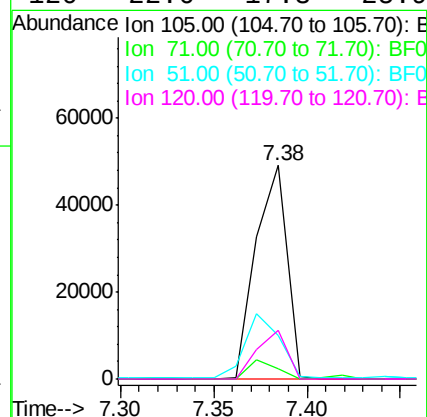
Manual Integrations  
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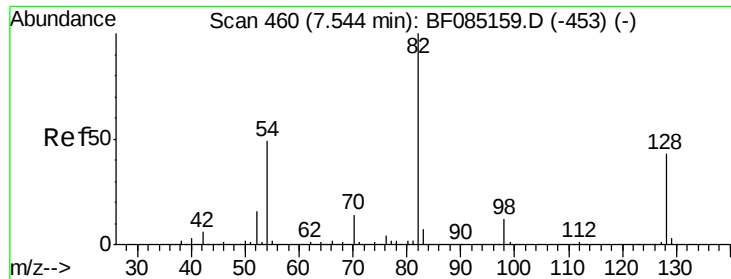
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#22  
Acetophenone  
Concen: 2.62 ng  
RT: 7.38 min Scan# 446  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 4.7   | 4.1        | 6.1        |
| 51      | 20.4  | 21.1       | 31.7#      |
| 120     | 22.6  | 17.3       | 25.9       |





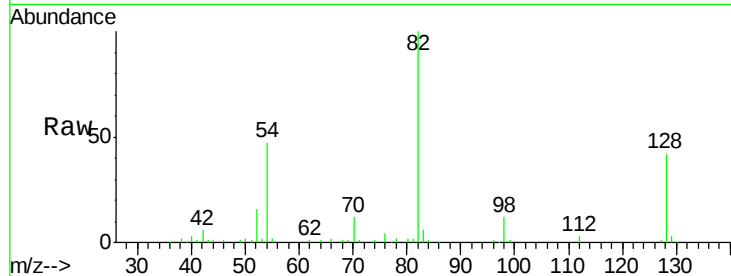
#23  
 Nitrobenzene-d5  
 Concen: 5.32 ng  
 RT: 7.53 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

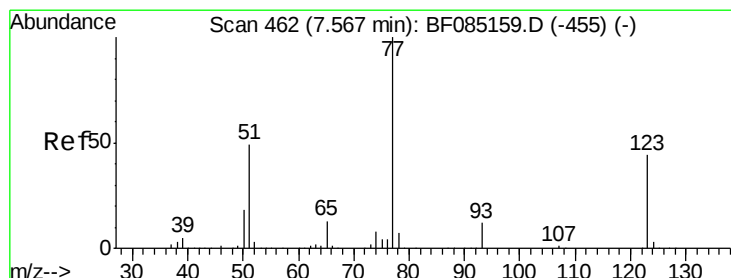
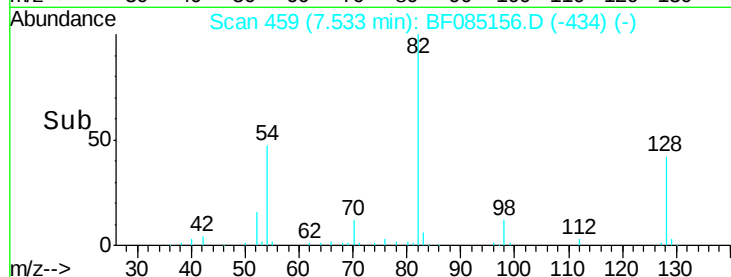
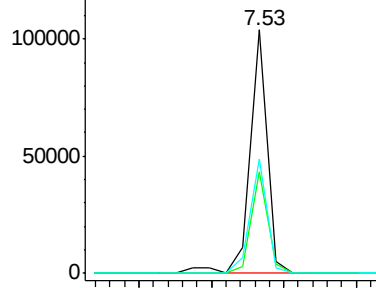
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 85968 |       |       |
| 128     | 41.5  | 34.5  | 51.7  |       |
| 54      | 46.8  | 39.3  | 58.9  |       |

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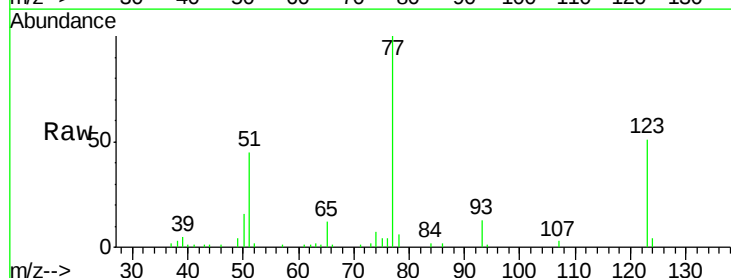


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

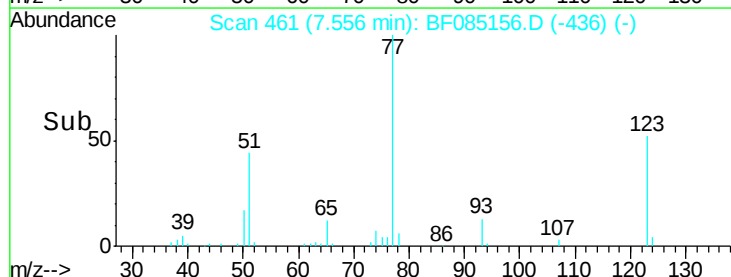
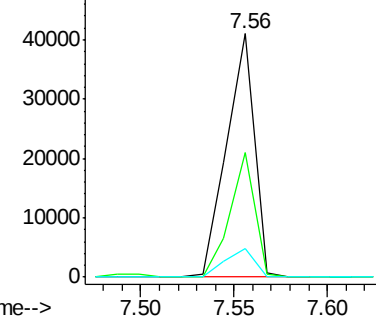


#24  
 Nitrobenzene  
 Concen: 2.49 ng  
 RT: 7.56 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 42023 |       |       |
| 123     | 51.1  | 35.4  | 53.2  |       |
| 65      | 11.9  | 10.6  | 16.0  |       |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.37 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

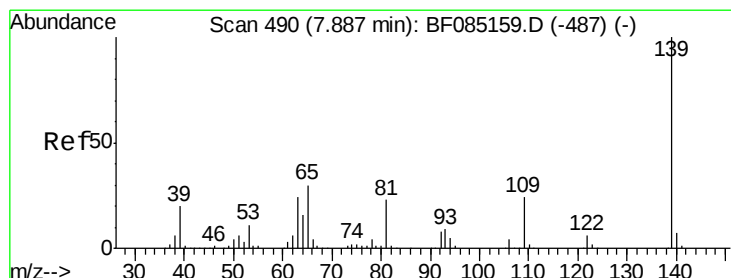
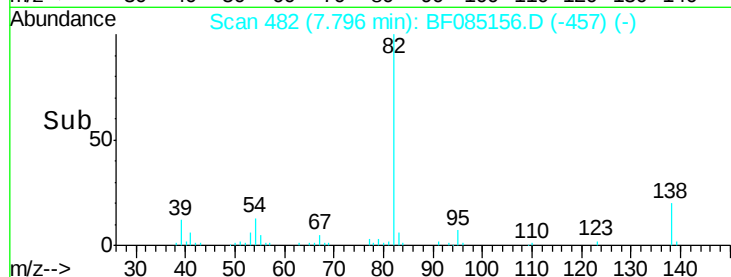
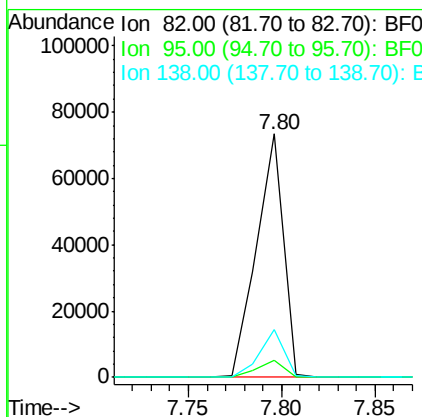
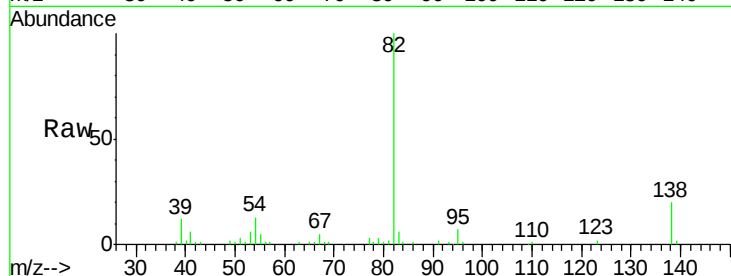
ClientSampleId :

SSTDIC02.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 73058 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.2   | 5.4   | 8.2   |
| 138       | 19.8  | 13.3  | 19.9  |

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#26

2-Nitrophenol

Concen: 2.20 ng

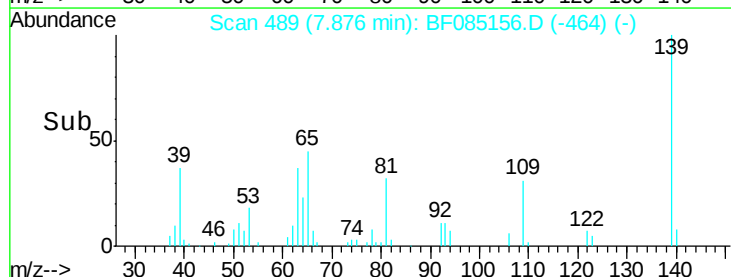
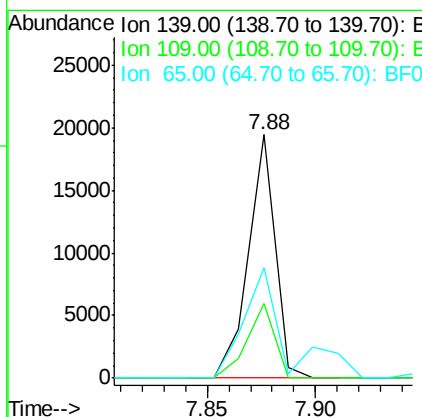
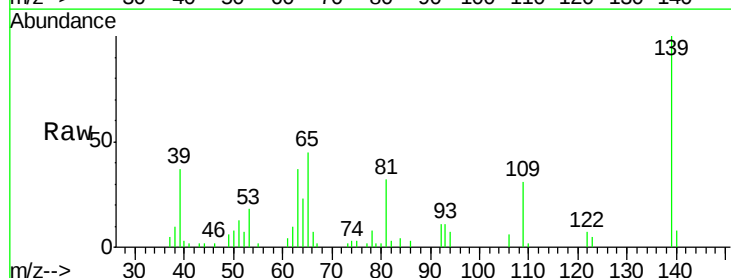
RT: 7.88 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 16610 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 30.9  | 19.1  | 28.7# |
| 65        | 45.3  | 23.9  | 35.9# |





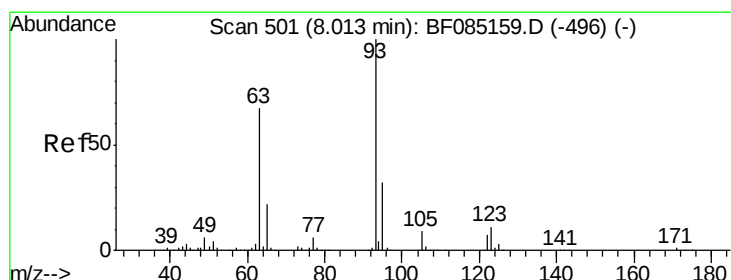
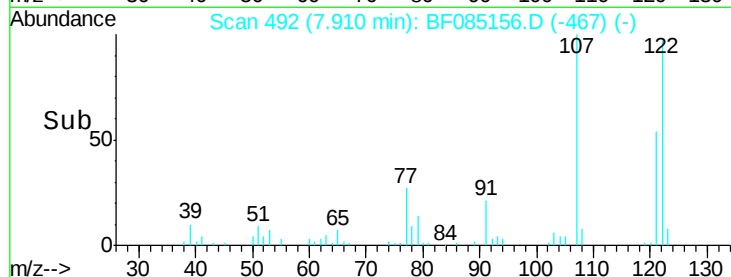
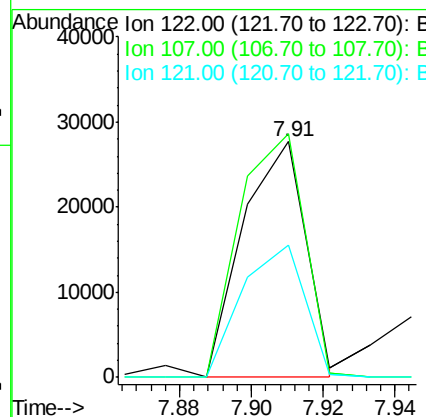
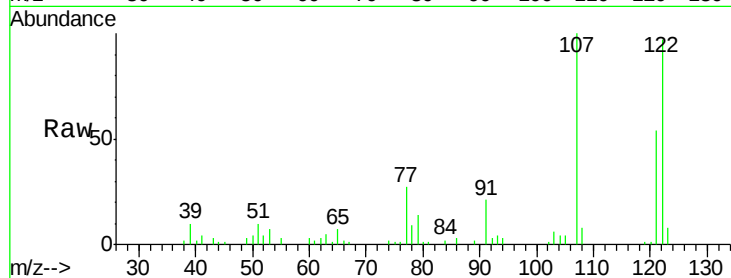
#27  
2,4-Dimethylphenol  
Concen: 2.31 ng m  
RT: 7.91 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 33718 |       |       |
| 107     | 103.5 | 84.8  | 127.2 |       |
| 121     | 56.3  | 47.0  | 70.6  |       |

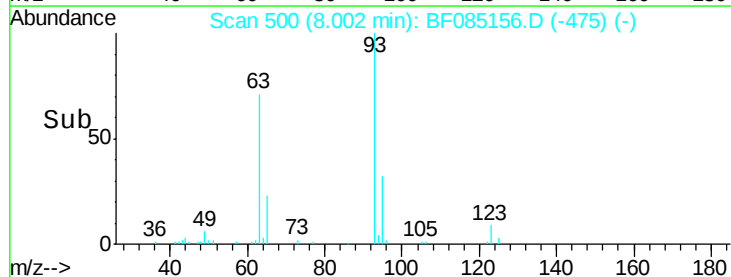
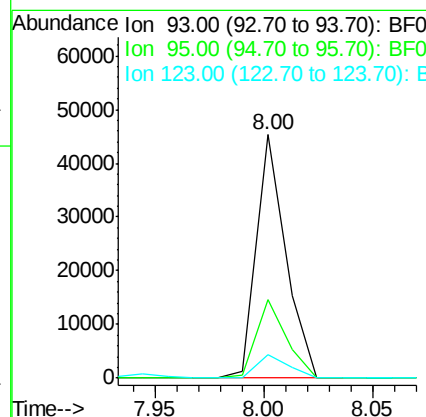
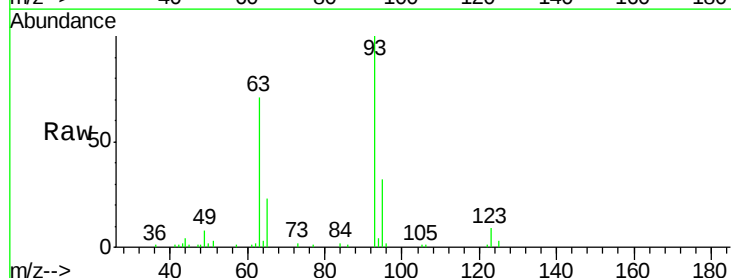
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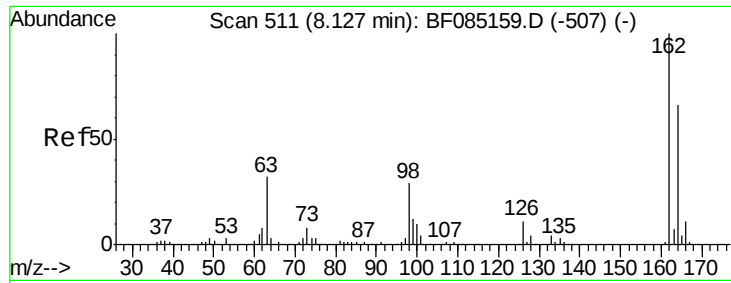
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#28  
bis(2-Chloroethoxy)methane  
Concen: 2.48 ng  
RT: 8.00 min Scan# 500  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 42434 |       |       |
| 95      | 32.3  | 25.9  | 38.9  |       |
| 123     | 9.4   | 8.8   | 13.2  |       |





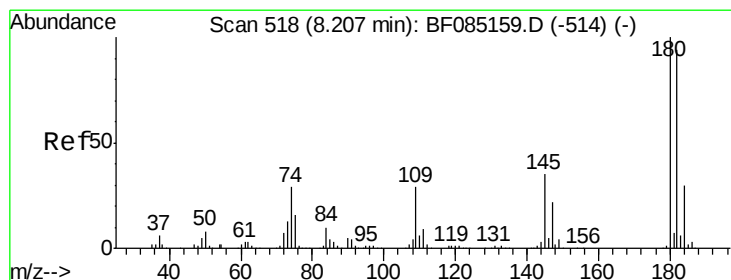
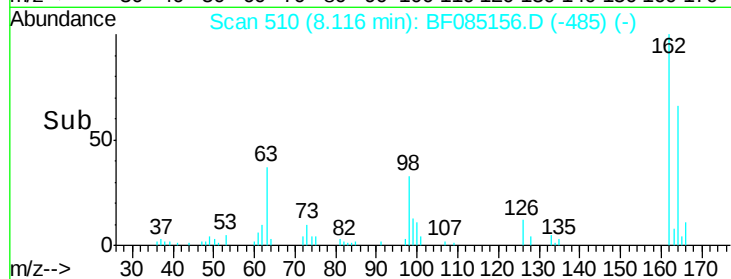
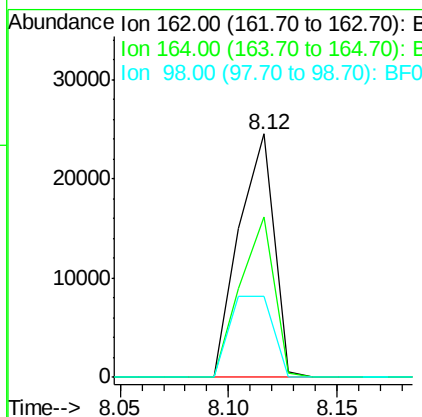
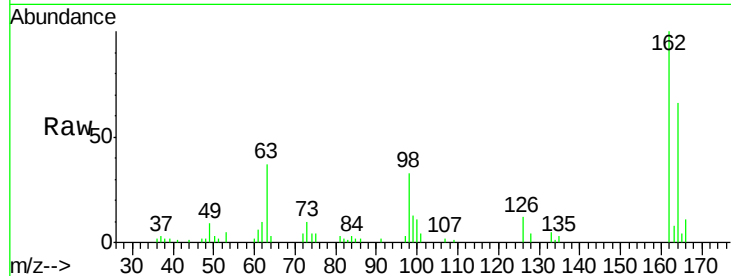
#29  
 2,4-Dichlorophenol  
 Concen: 2.30 ng  
 RT: 8.12 min Scan# 510  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 27538 |       |       |
| 164     | 65.9  | 45.7  | 85.7  |       |
| 98      | 33.0  | 9.4   | 49.4  |       |

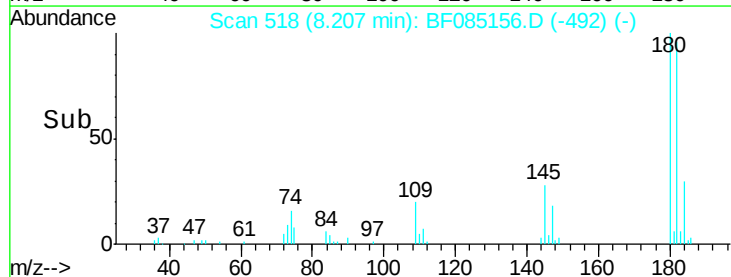
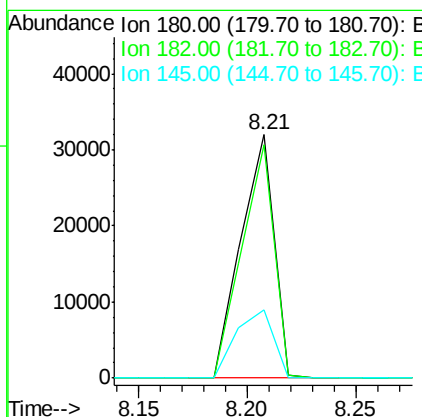
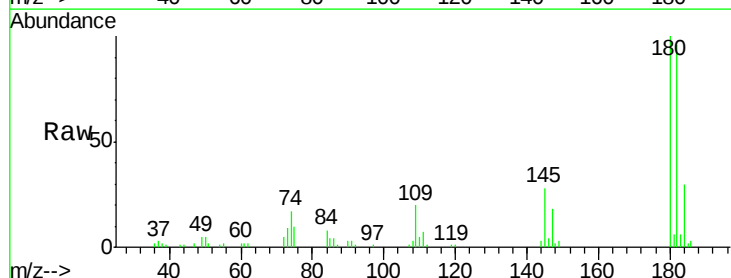
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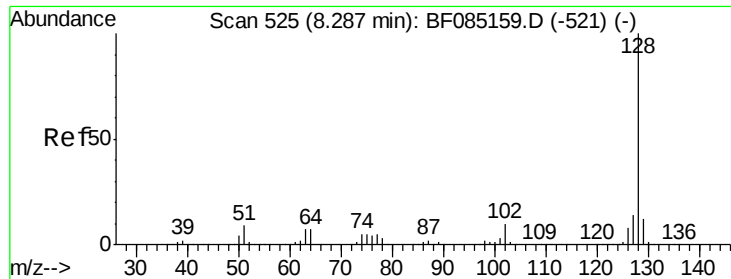
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.58 ng  
 RT: 8.21 min Scan# 518  
 Delta R.T. 0.00 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 33762 |       |       |
| 182     | 96.1  | 74.9  | 112.3 |       |
| 145     | 28.3  | 27.9  | 41.9  |       |





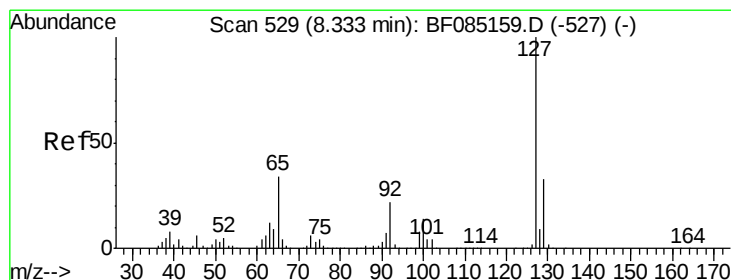
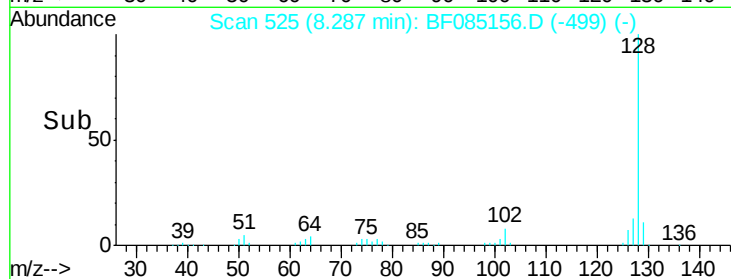
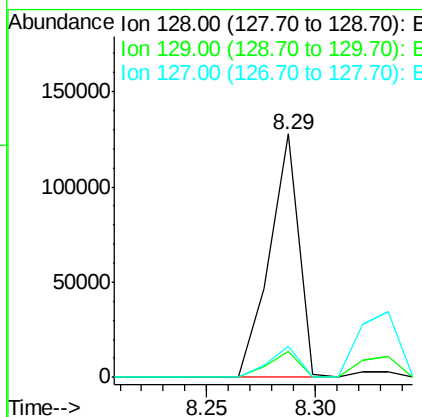
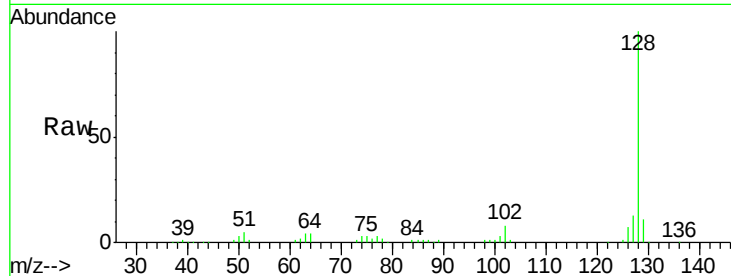
#31  
Naphthalene  
Concen: 2.79 ng  
RT: 8.29 min Scan# 525  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 120938 |       |       |
| 129     | 10.6  | 9.7    | 14.5  |       |
| 127     | 12.7  | 11.2   | 16.8  |       |

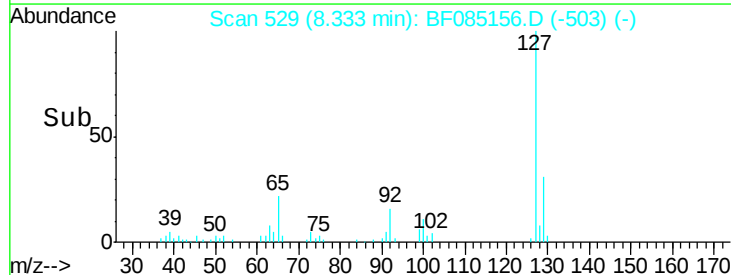
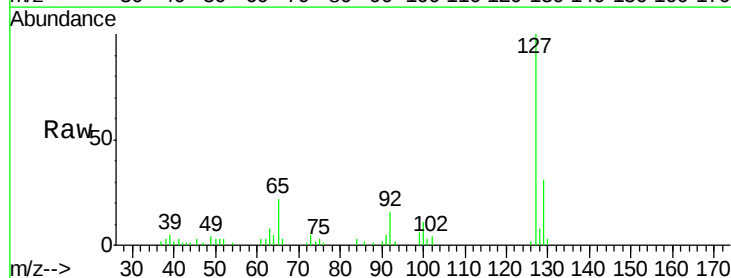
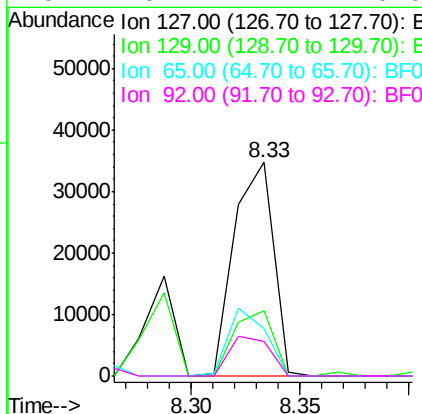
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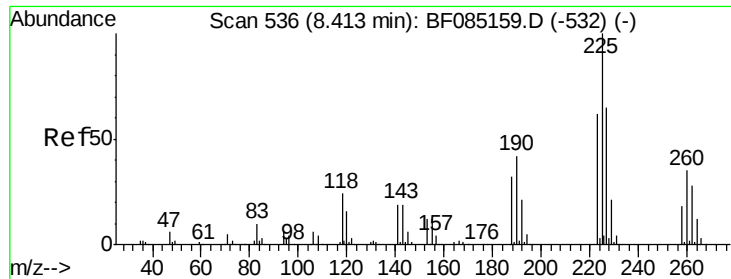
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#33  
4-Chloroaniline  
Concen: 2.54 ng  
RT: 8.33 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 43719 |       |       |
| 129     | 30.8  | 26.1  | 39.1  |       |
| 65      | 21.9  | 27.0  | 40.6# |       |
| 92      | 16.4  | 17.4  | 26.0# |       |





#34

Hexachlorobutadiene

Concen: 2.26 ng

RT: 8.40 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

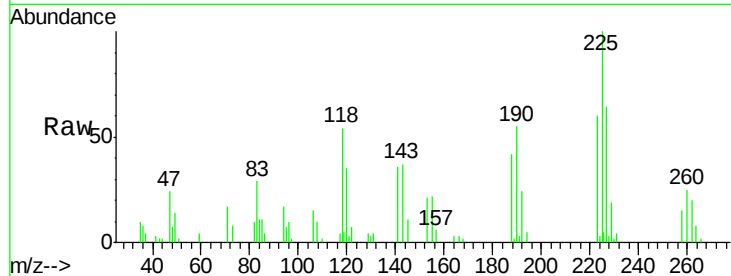
ClientSampleId :

SSTDICC02.5

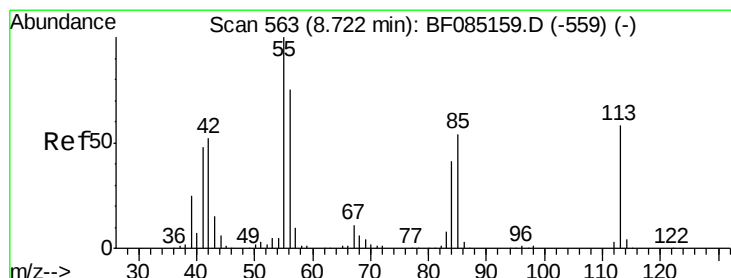
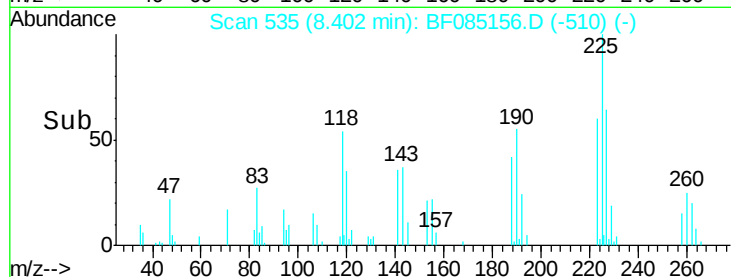
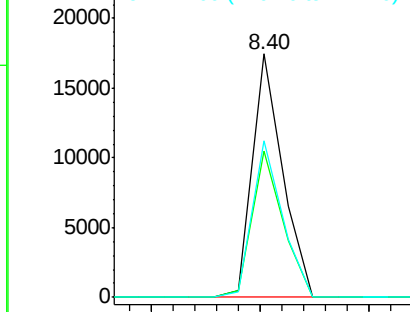
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 16812 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.2  | 49.7  | 74.5  |
| 227       | 64.5  | 52.2  | 78.4  |

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Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 2.42 ng

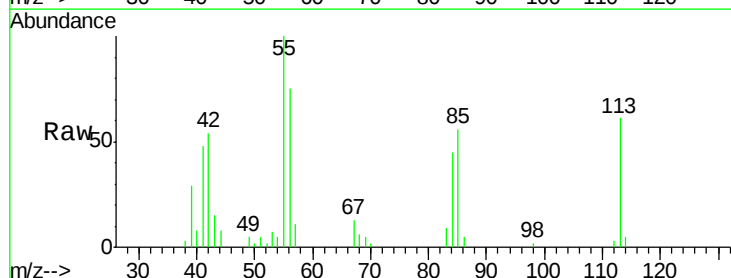
RT: 8.65 min Scan# 557

Delta R.T. -0.07 min

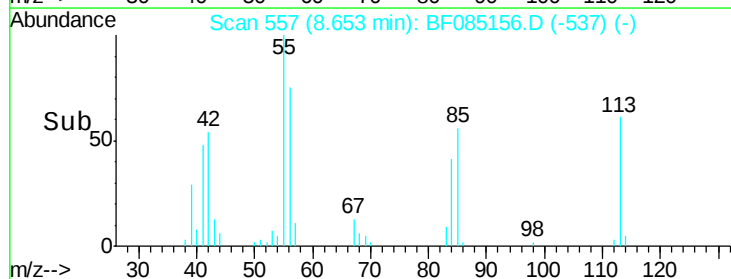
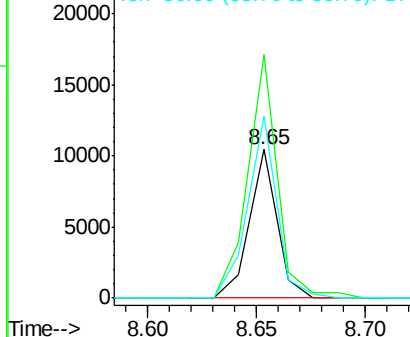
Lab File: BF085156.D

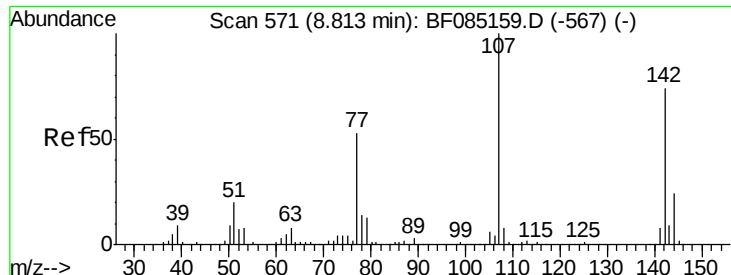
Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 9150  |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 163.7 | 152.7 | 192.7 |
| 56        | 122.6 | 109.0 | 149.0 |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0





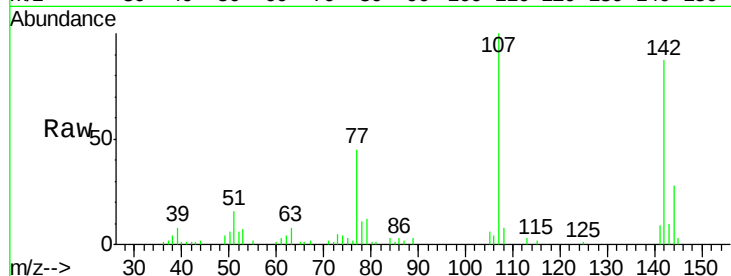
#36  
4-Chloro-3-methylphenol  
Concen: 2.42 ng  
RT: 8.80 min Scan# 570  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

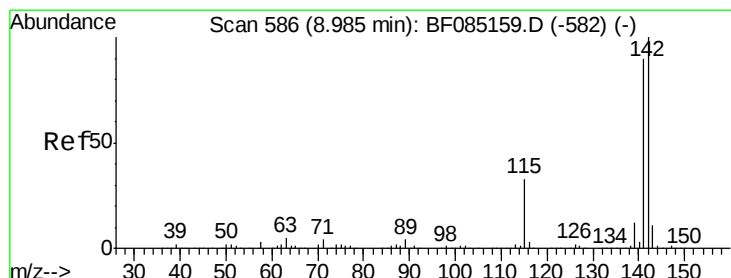
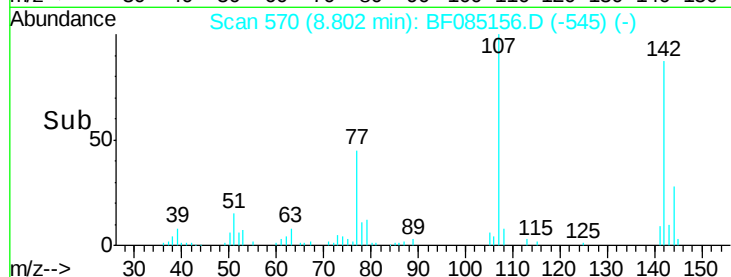
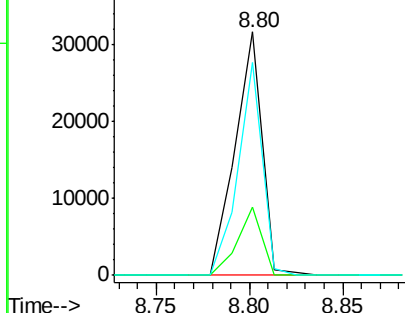
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.8  | 19.4  | 29.2  |
| 142     | 87.3  | 59.4  | 89.2  |

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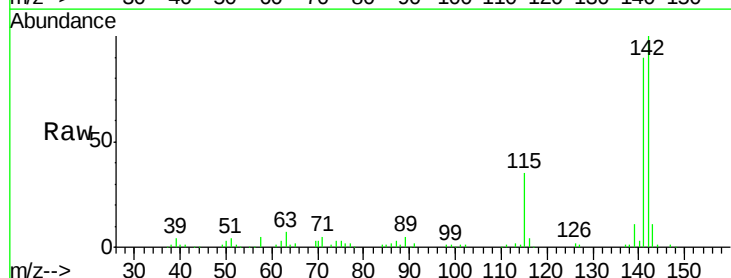


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

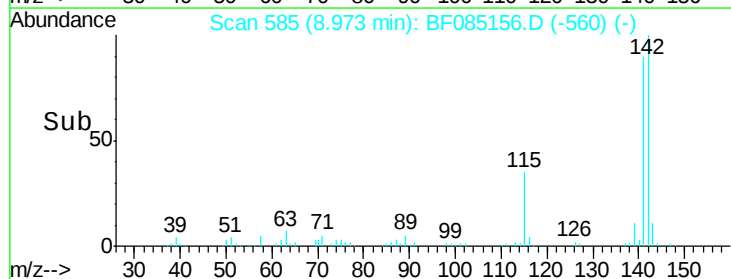
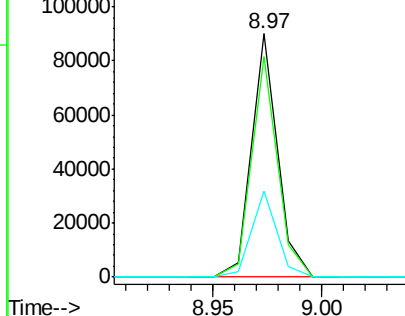


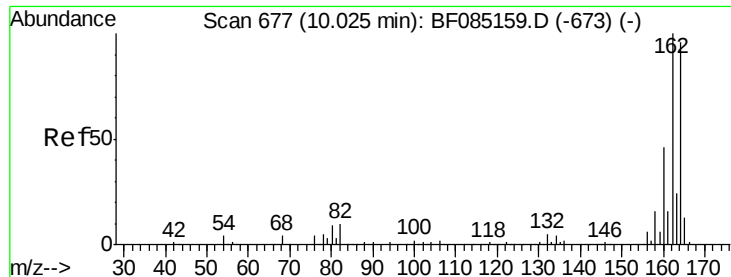
#37  
2-Methylnaphthalene  
Concen: 2.79 ng  
RT: 8.97 min Scan# 585  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.5  | 71.7  | 107.5 |
| 115     | 35.3  | 26.2  | 39.4  |



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085156.D

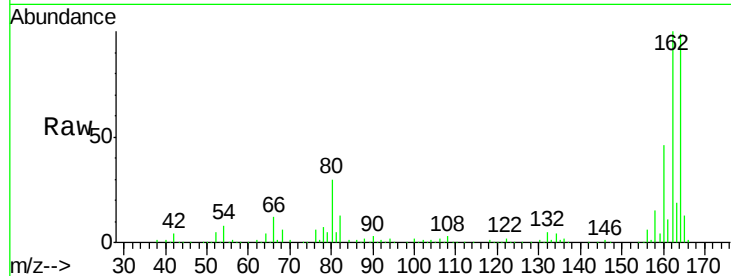
Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

ClientSampleId :

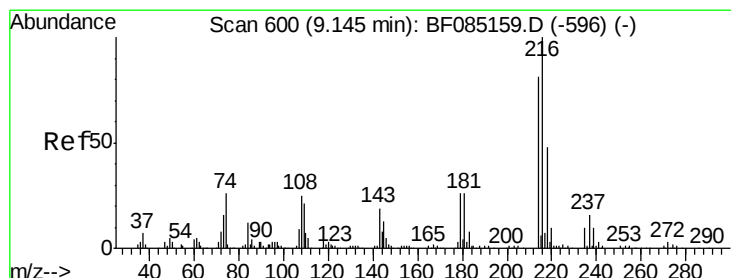
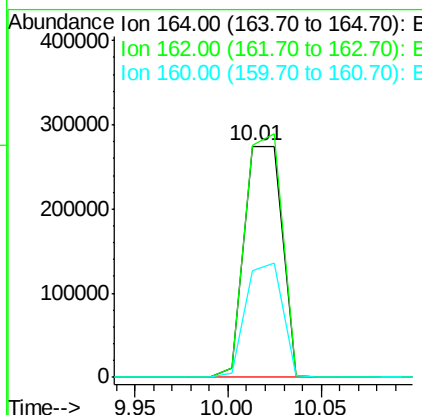
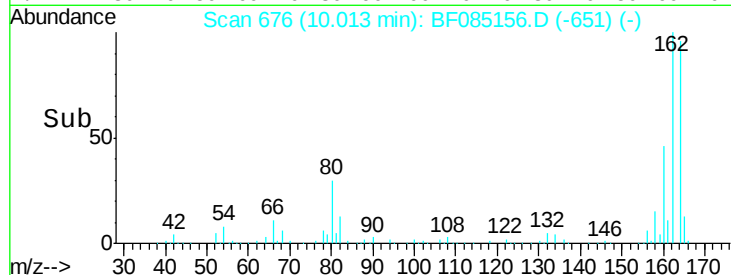
SSTDICC02.5



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 384015 |       |       |
| 162     | 100.6 | 83.3   | 124.9 |       |
| 160     | 45.9  | 37.9   | 56.9  |       |

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.70 ng

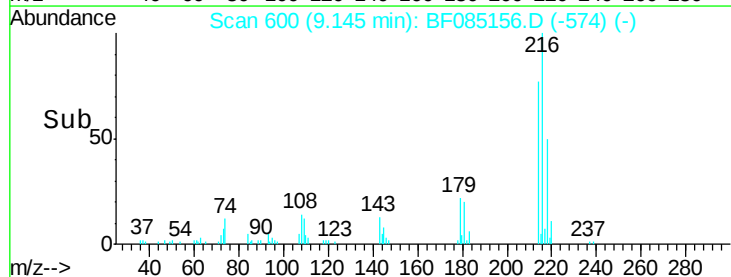
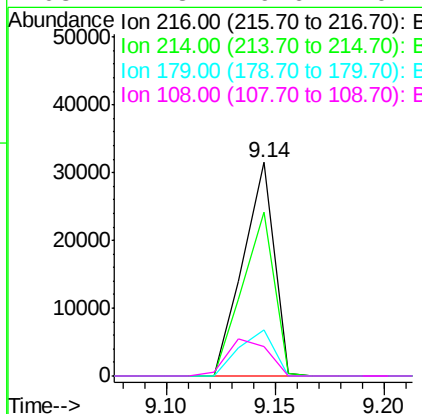
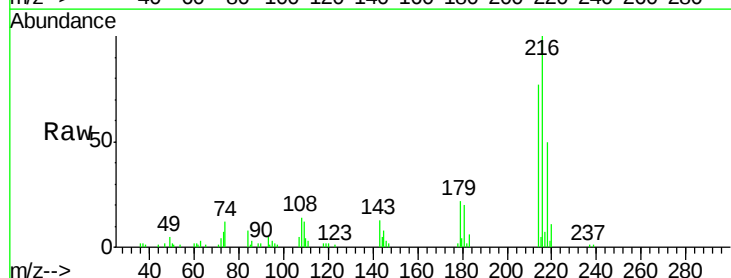
RT: 9.14 min Scan# 600

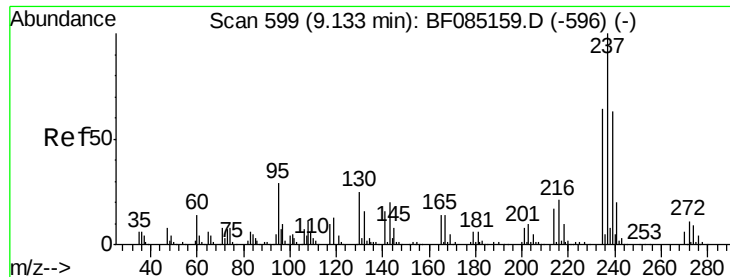
Delta R.T. 0.00 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 216     | 100   | 31450 |       |       |
| 214     | 78.4  | 63.8  | 95.6  |       |
| 179     | 24.1  | 19.6  | 29.4  |       |
| 108     | 22.3  | 19.6  | 29.4  |       |





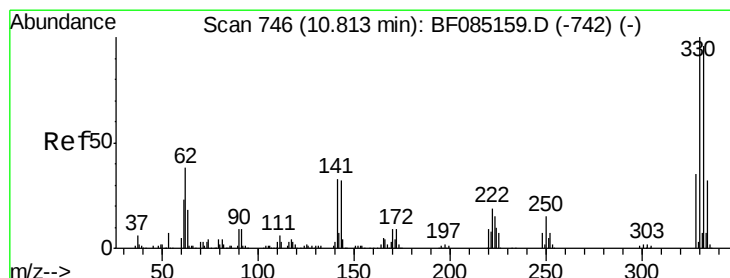
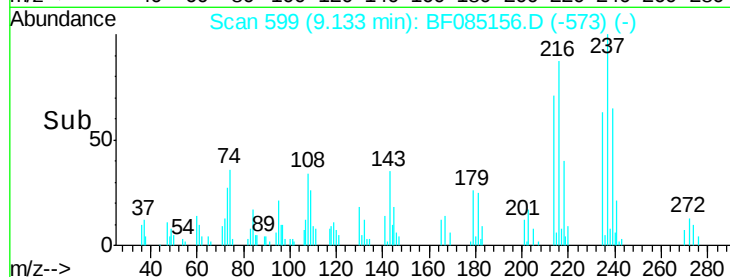
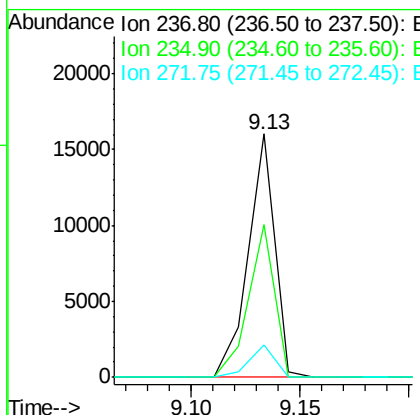
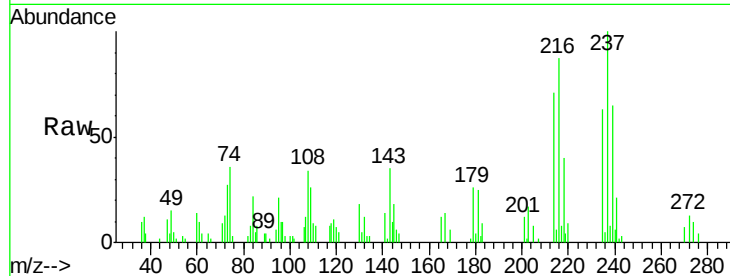
#40  
Hexachlorocyclopentadiene  
Concen: 2.07 ng  
RT: 9.13 min Scan# 599  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 13561 |       |       |
| 235     | 63.0  | 43.7  | 83.7  |       |
| 272     | 13.3  | 0.0   | 31.5  |       |

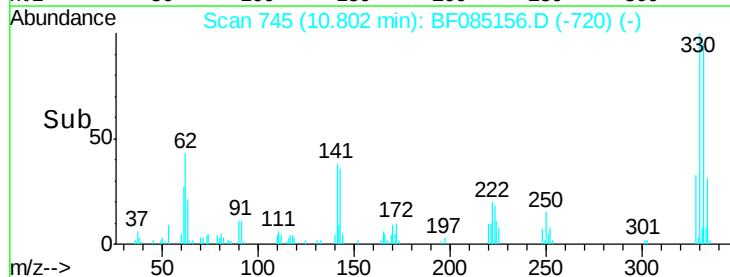
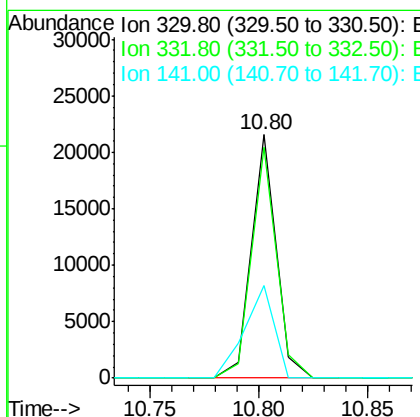
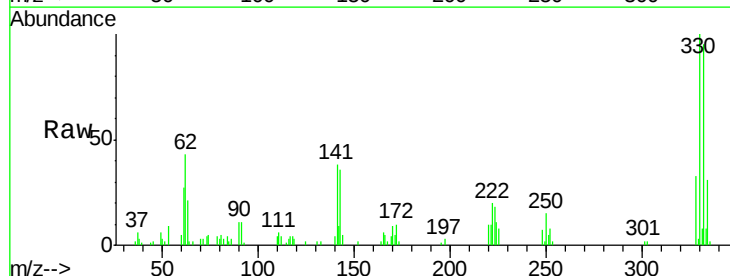
Manual Integrations  
APPROVED

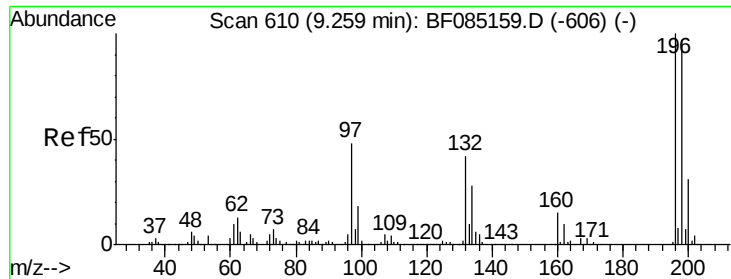
UMANGI  
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#41  
2,4,6-Tribromophenol  
Concen: 4.53 ng  
RT: 10.80 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 17005 |       |       |
| 332     | 95.7  | 77.1  | 115.7 |       |
| 141     | 45.7  | 35.0  | 52.6  |       |





#42

2,4,6-Trichlorophenol

Concen: 2.83 ng

RT: 9.25 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF085156.D

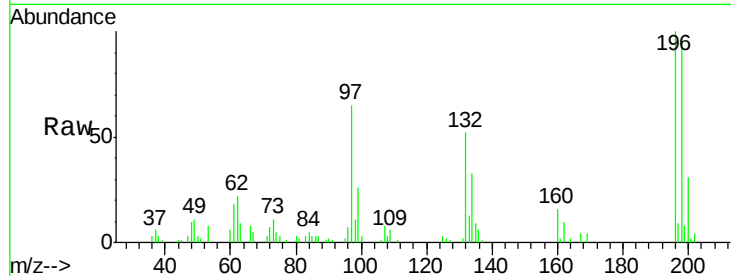
Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

ClientSampleId :

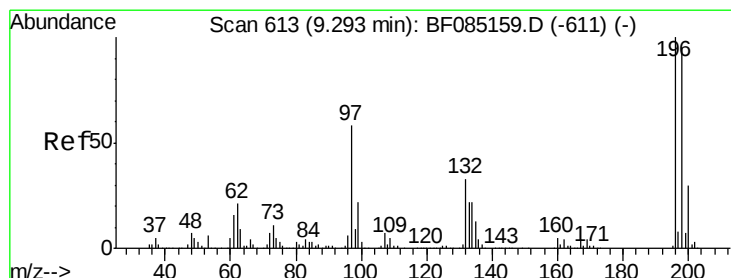
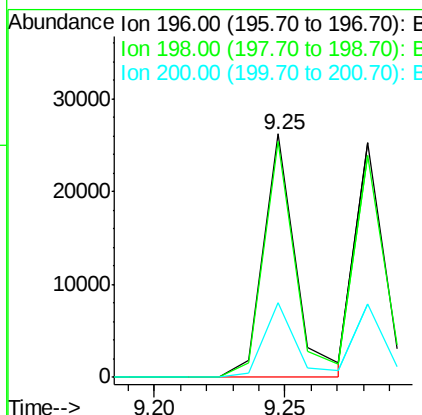
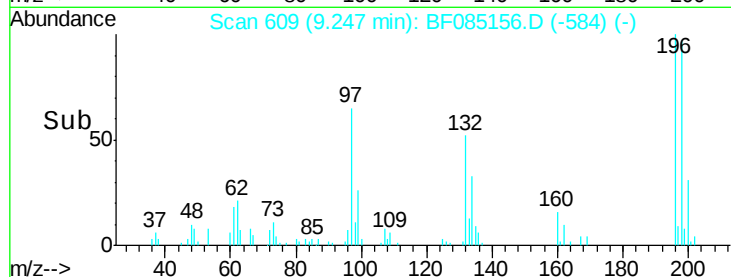
SSTDIC02.5



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 22414 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 97.0  | 77.8  | 116.6 |
| 200       | 30.6  | 25.0  | 37.6  |

Manual Integrations  
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#43

2,4,5-Trichlorophenol

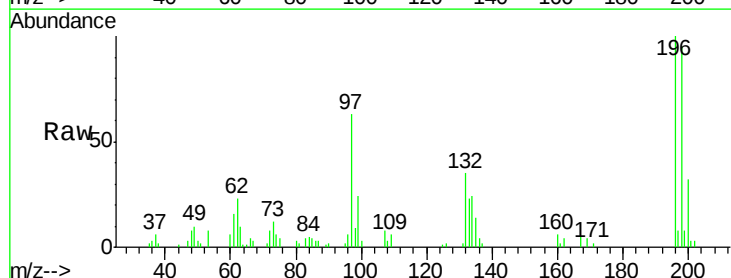
Concen: 2.56 ng

RT: 9.28 min Scan# 612

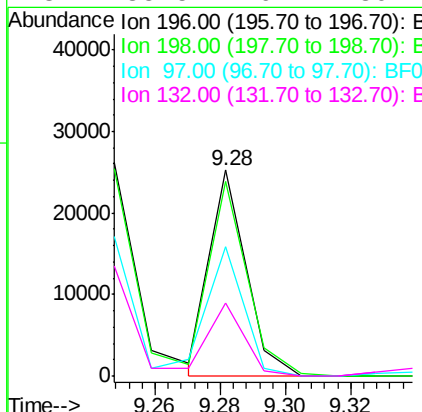
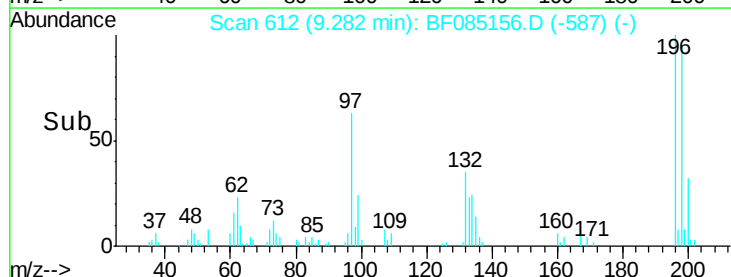
Delta R.T. -0.01 min

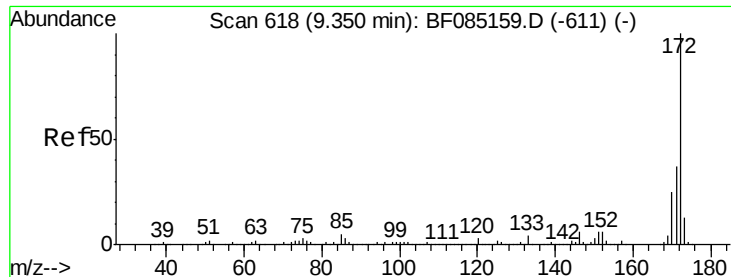
Lab File: BF085156.D

Acq: 3 Mar 2016 15:10



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 19440 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 94.8  | 75.7  | 113.5 |
| 97        | 62.8  | 46.4  | 69.6  |
| 132       | 35.5  | 26.2  | 39.4  |





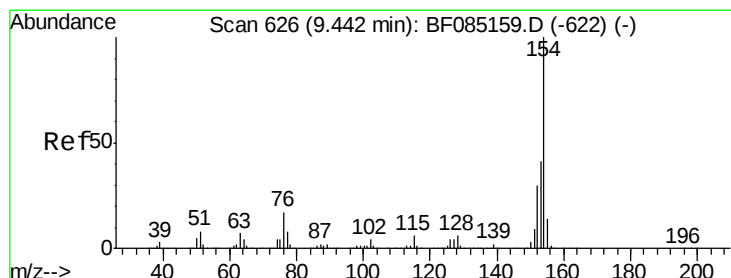
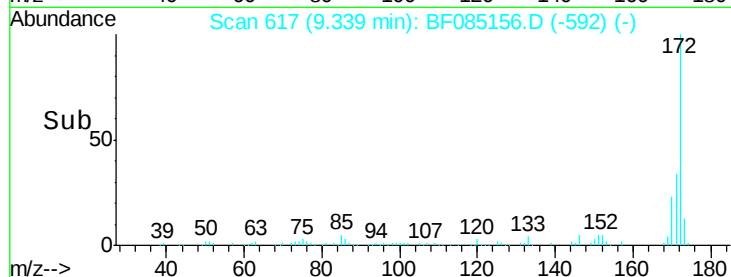
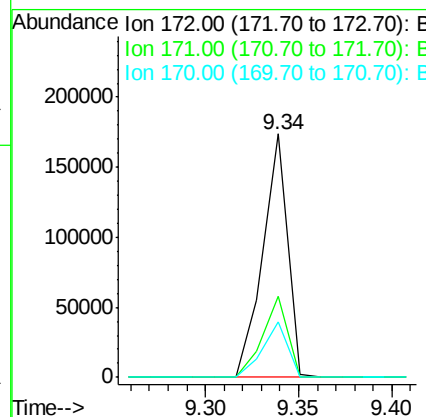
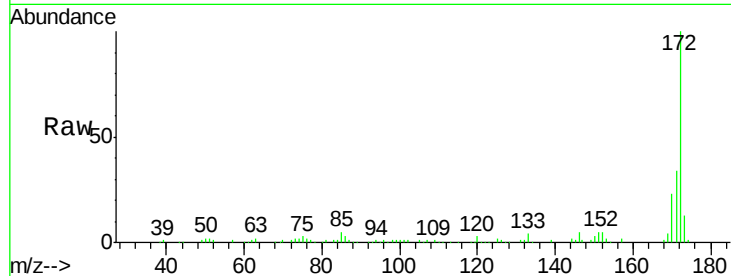
#44  
2-Fluorobiphenyl  
Concen: 6.13 ng  
RT: 9.34 min Scan# 617  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 158628 |       |       |
| 171     | 33.5  | 29.3   | 43.9  |       |
| 170     | 22.7  | 20.0   | 30.0  |       |

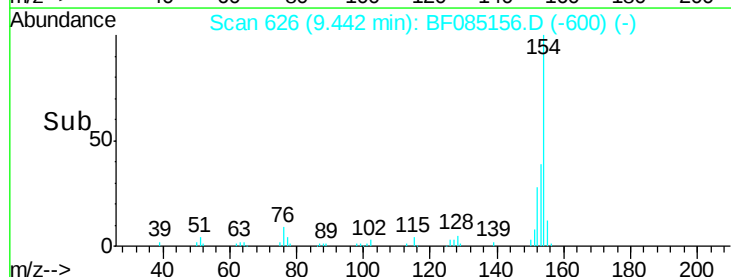
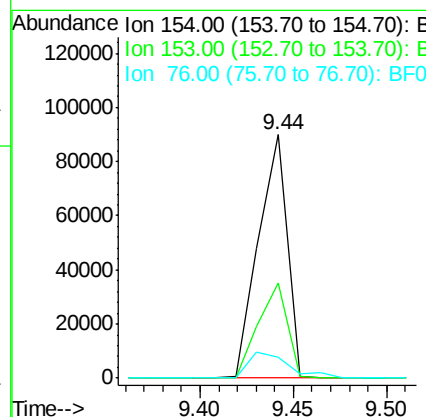
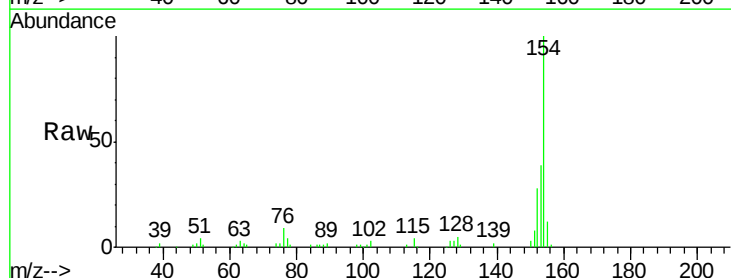
Manual Integrations  
APPROVED

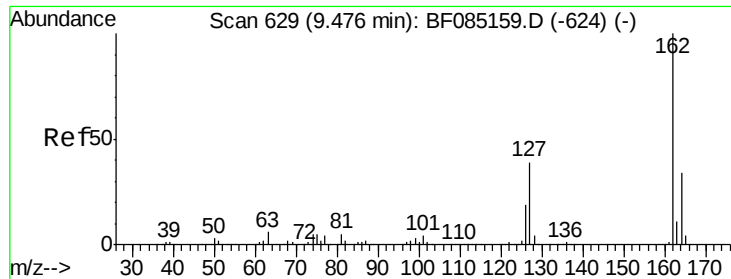
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#45  
1,1'-Biphenyl  
Concen: 2.86 ng  
RT: 9.44 min Scan# 626  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 95416 |       |       |
| 153     | 39.1  | 21.4  | 61.4  |       |
| 76      | 8.8   | 0.0   | 37.5  |       |





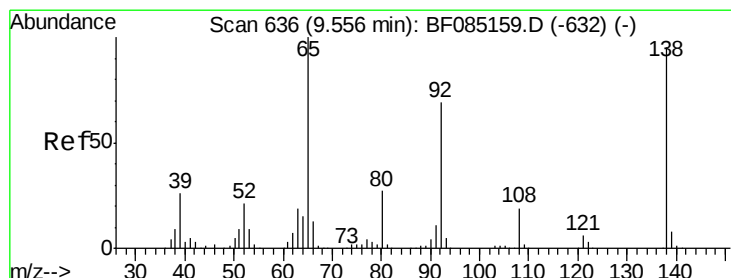
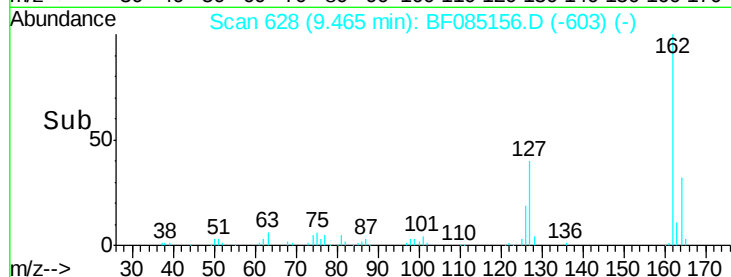
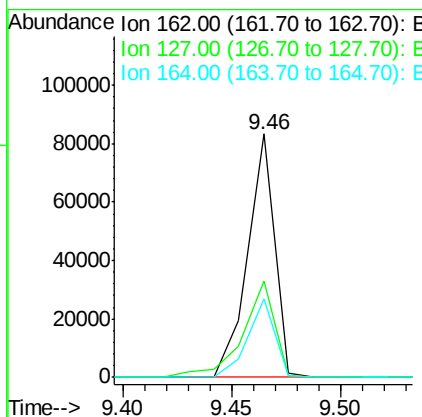
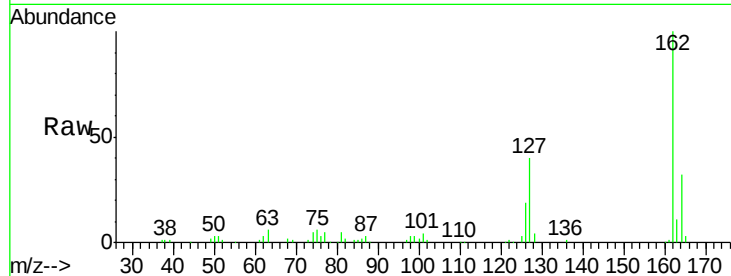
#46  
2-Chloronaphthalene  
Concen: 2.90 ng  
RT: 9.46 min Scan# 628  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 31.6  | 47.4  |
| 164     | 32.2  | 27.1  | 40.7  |

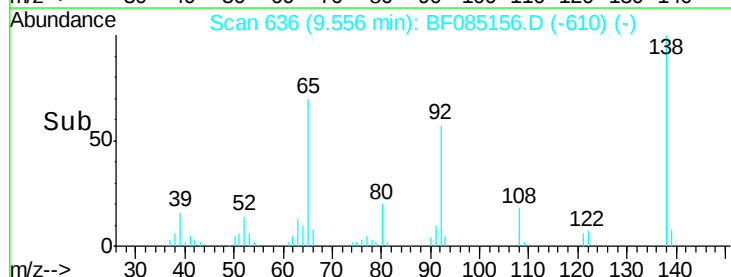
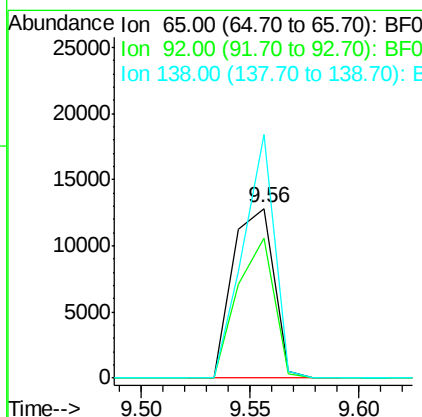
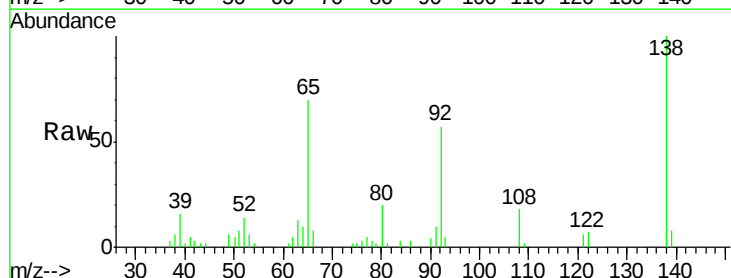
Manual Integrations  
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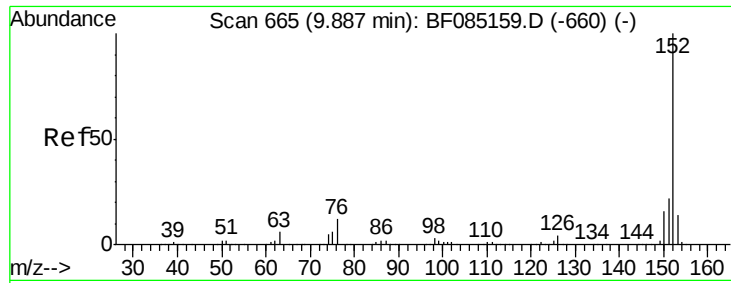
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#47  
2-Nitroaniline  
Concen: 2.19 ng  
RT: 9.56 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 82.5  | 55.4  | 83.2   |
| 138     | 143.5 | 75.7  | 113.5# |





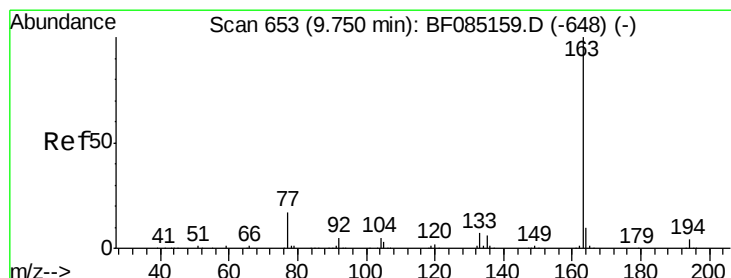
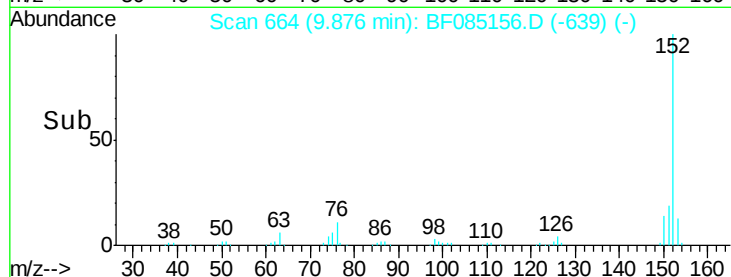
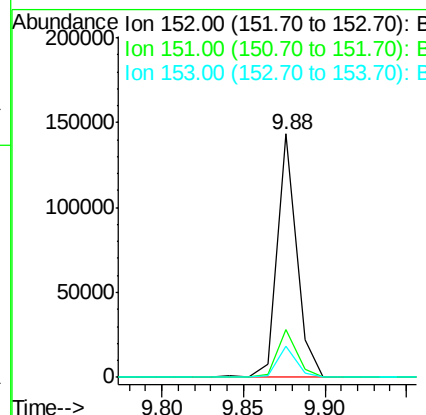
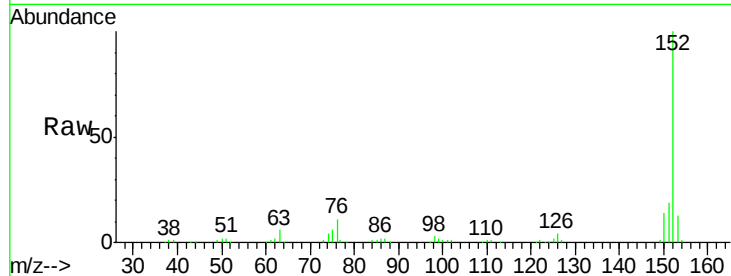
#48  
Acenaphthylene  
Concen: 3.20 ng  
RT: 9.88 min Scan# 664  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 119021 |       |       |
| 151     | 19.4  | 17.5   | 26.3  |       |
| 153     | 12.8  | 11.3   | 16.9  |       |

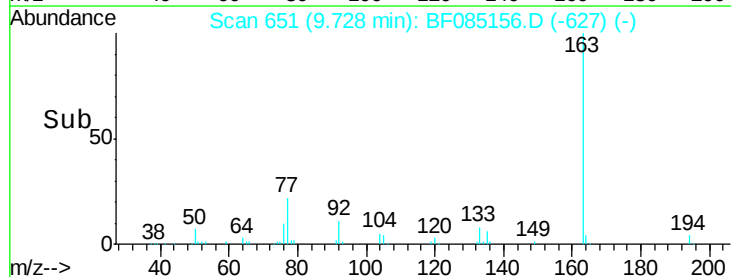
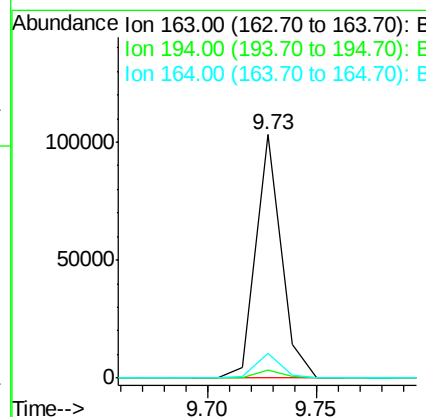
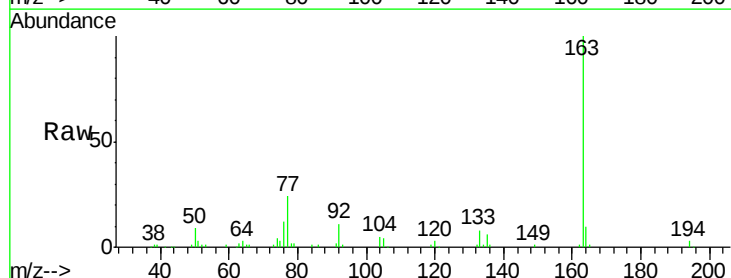
Manual Integrations  
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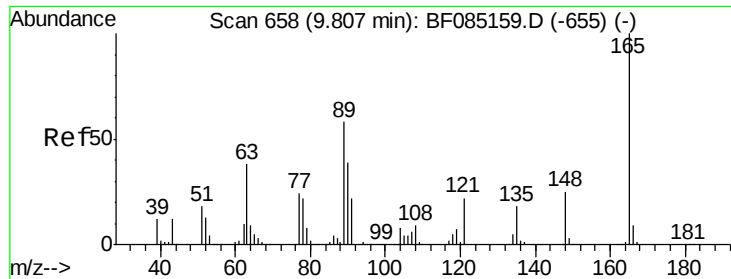
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#49  
Dimethylphthalate  
Concen: 2.92 ng  
RT: 9.73 min Scan# 651  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 83400 |       |       |
| 194     | 3.5   | 3.1   | 4.7   |       |
| 164     | 10.4  | 8.2   | 12.4  |       |





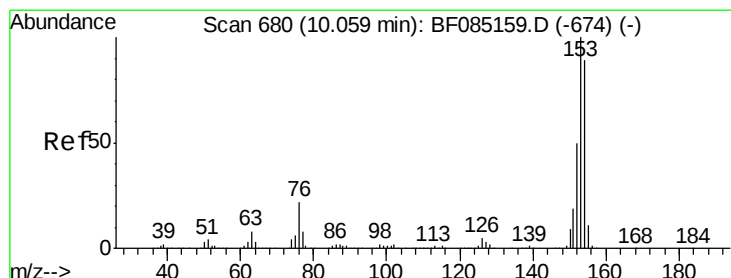
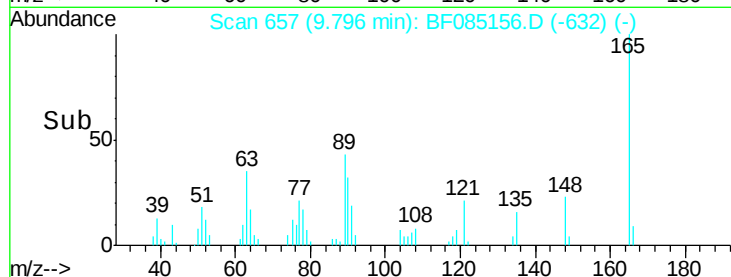
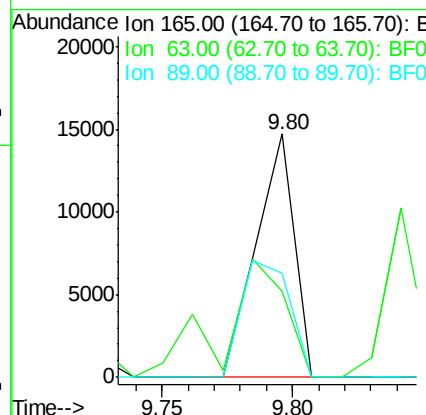
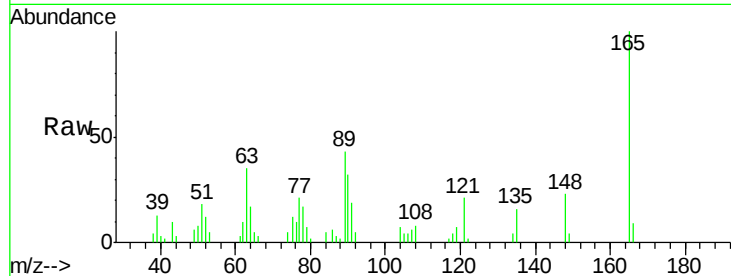
#50  
 2,6-Dinitrotoluene  
 Concen: 2.55 ng  
 RT: 9.80 min Scan# 657  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 35.3  | 41.8  | 62.8# |
| 89      | 42.8  | 46.7  | 70.1# |

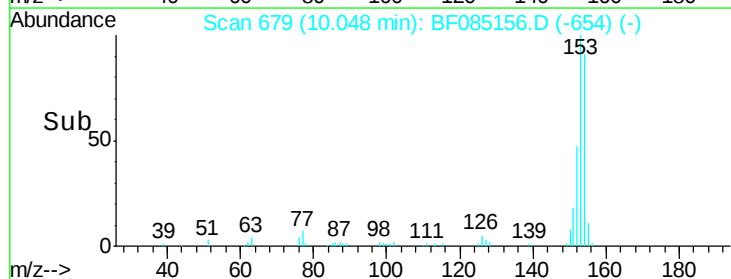
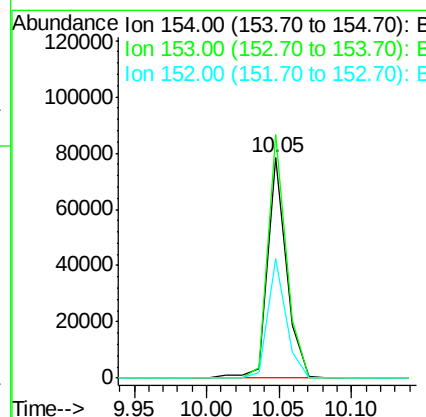
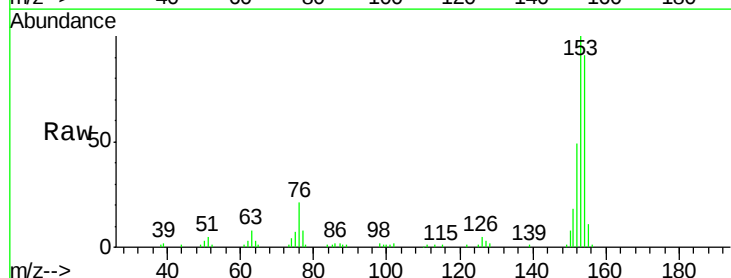
Manual Integrations  
 APPROVED

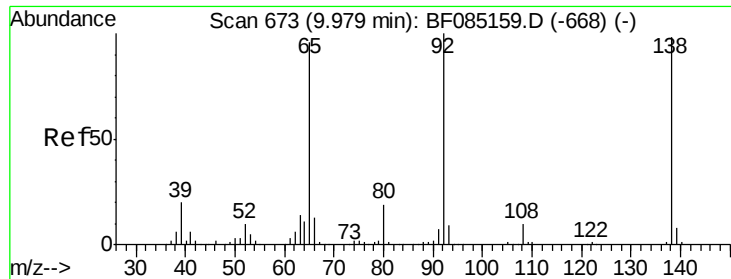
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#51  
 Acenaphthene  
 Concen: 3.04 ng  
 RT: 10.05 min Scan# 679  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.5 | 89.8  | 134.8 |
| 152     | 54.2  | 44.6  | 66.8  |





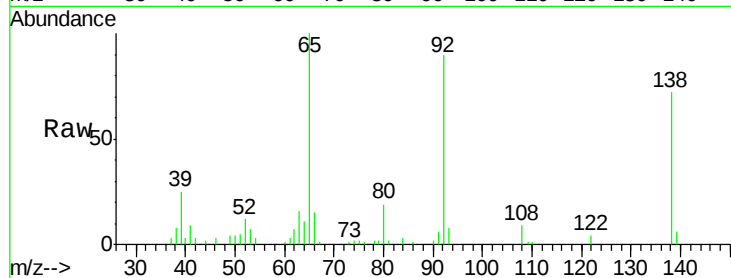
#52  
3-Nitroaniline  
Concen: 2.67 ng  
RT: 9.96 min Scan# 671  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

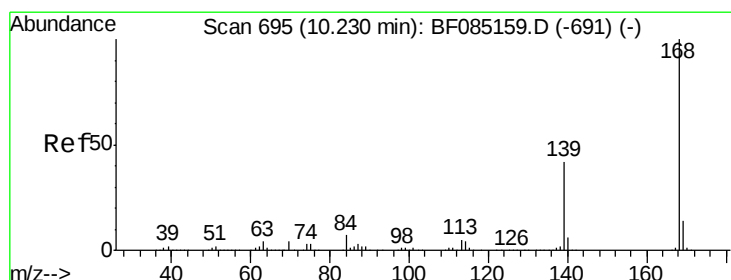
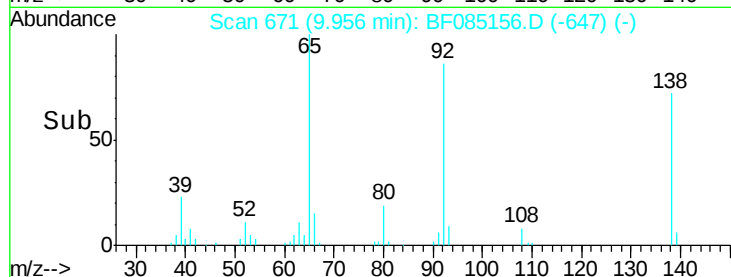
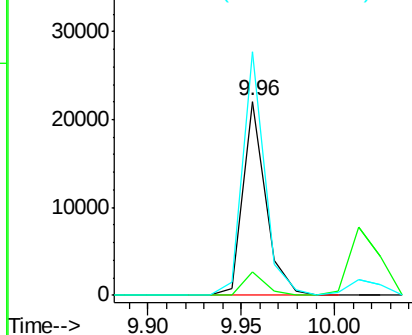
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 12.3  | 7.8   | 11.6#  |
| 92      | 125.5 | 81.3  | 121.9# |

Manual Integrations  
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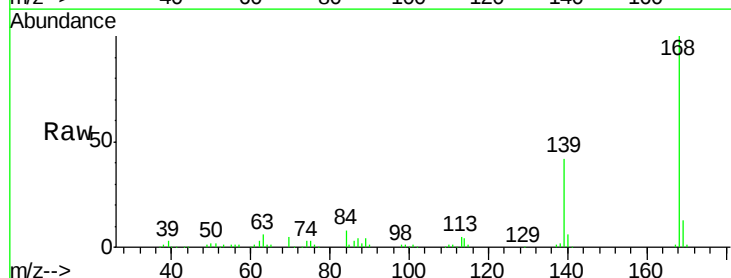


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

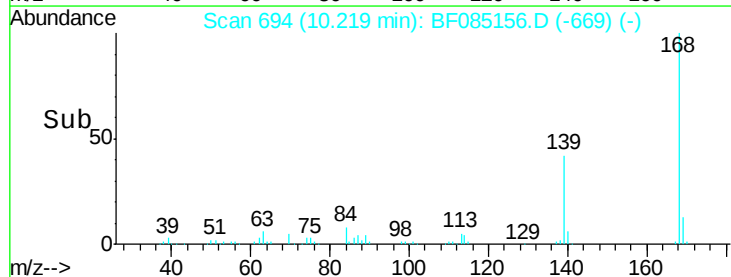
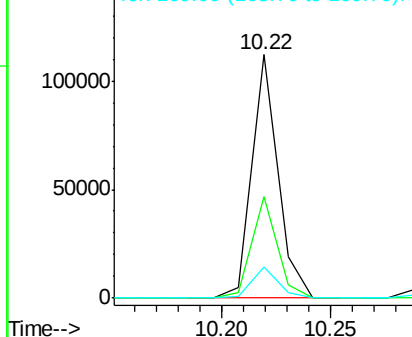


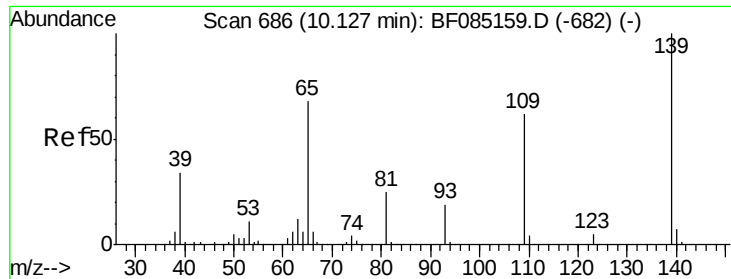
#54  
Dibenzofuran  
Concen: 3.08 ng  
RT: 10.22 min Scan# 694  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.6  | 33.6  | 50.4  |
| 169     | 12.8  | 11.2  | 16.8  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





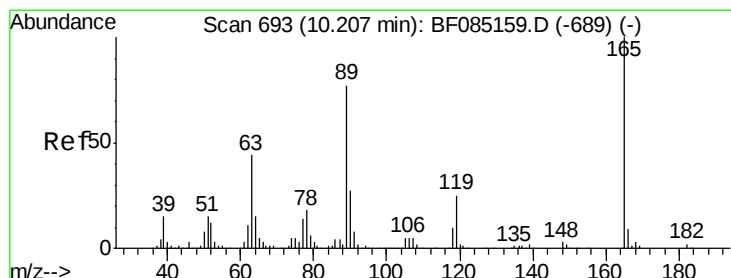
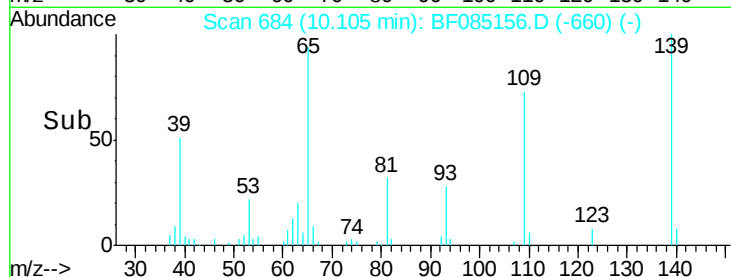
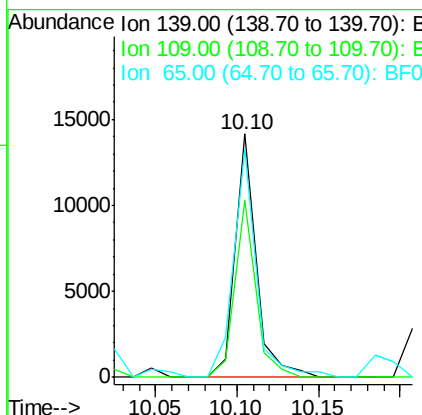
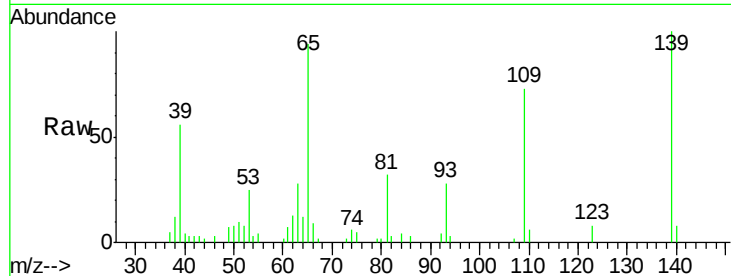
#55  
4-Nitrophenol  
Concen: 2.31 ng  
RT: 10.10 min Scan# 684  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 109     | 72.6  | 41.9       | 81.9       |
| 65      | 94.0  | 48.3       | 88.3#      |

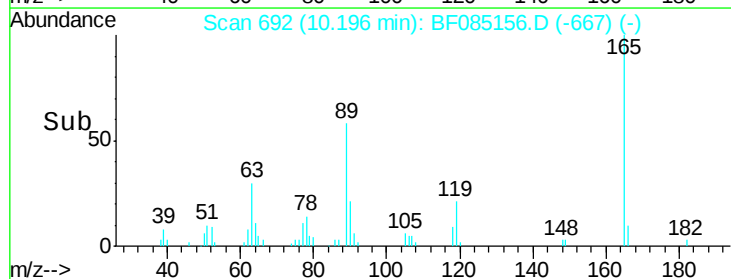
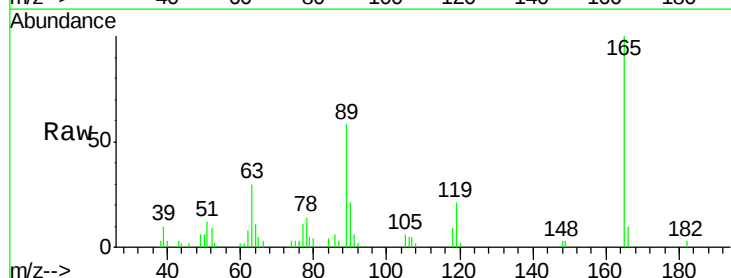
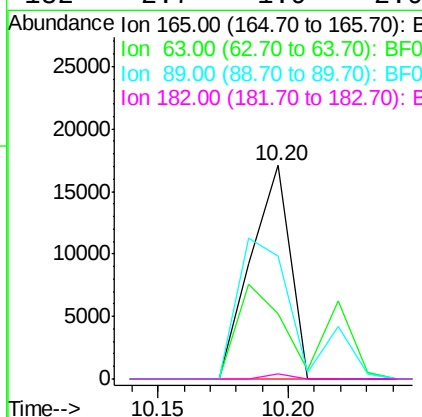
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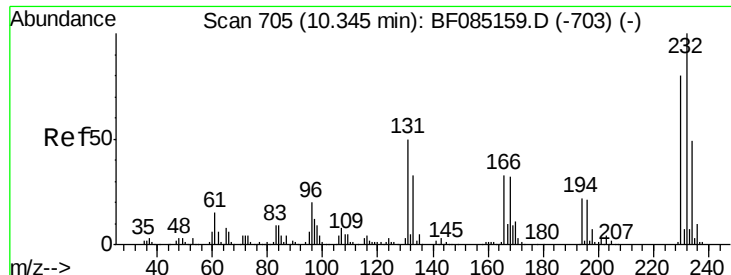
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#56  
2,4-Dinitrotoluene  
Concen: 2.26 ng  
RT: 10.20 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 30.3  | 35.4       | 53.0#      |
| 89      | 57.8  | 61.9       | 92.9#      |
| 182     | 2.7   | 1.9        | 2.9        |





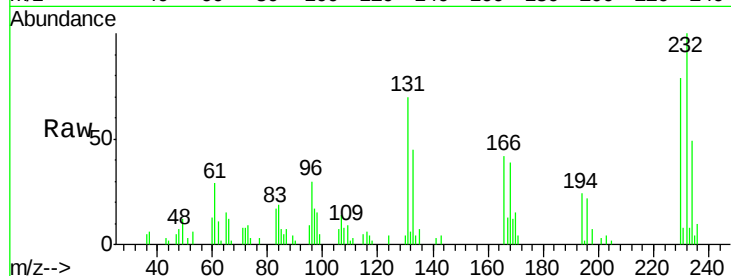
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.35 ng  
 RT: 10.33 min Scan# 704  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

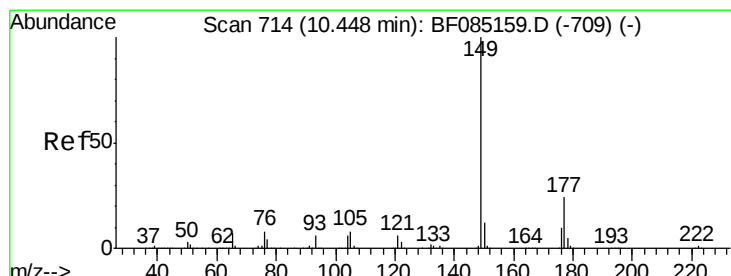
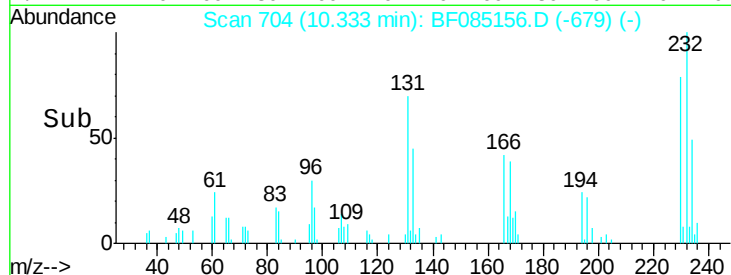
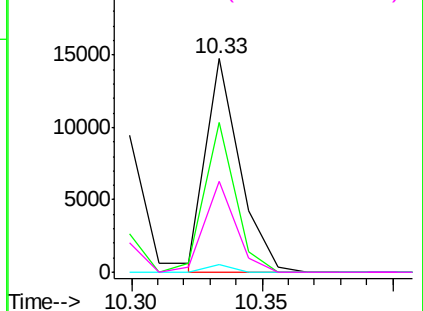
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 13285 |       |       |
| 131     | 63.5  | 46.0  | 69.0  |       |
| 130     | 2.7   | 2.2   | 3.4   |       |
| 166     | 38.9  | 28.8  | 43.2  |       |

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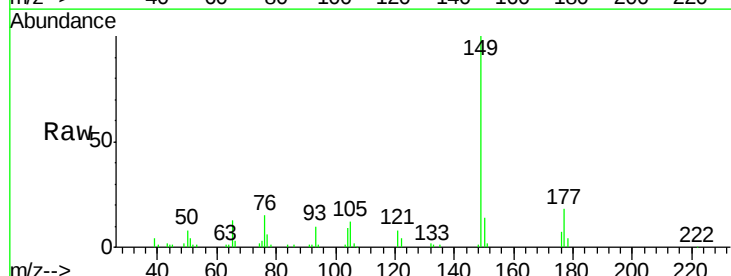


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

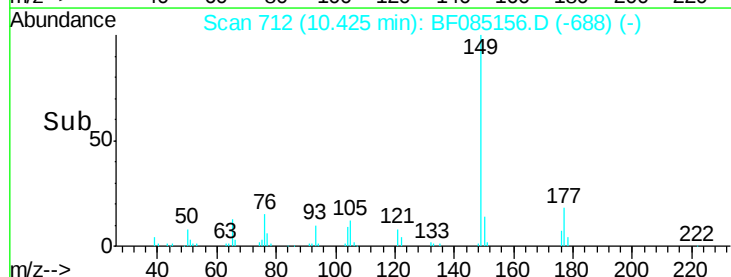
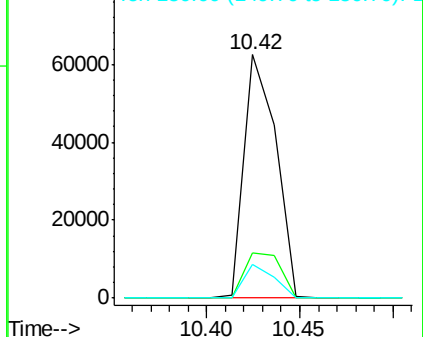


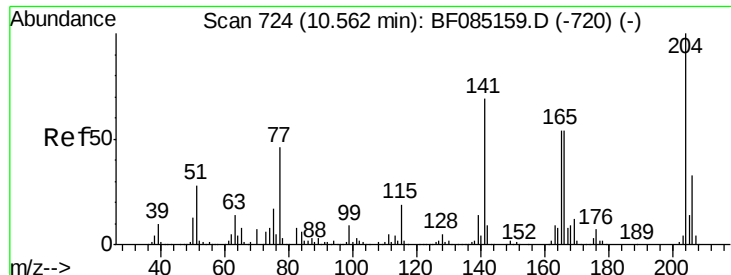
#59  
 Diethylphthalate  
 Concen: 2.73 ng  
 RT: 10.42 min Scan# 712  
 Delta R.T. -0.02 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 74148 |       |       |
| 177     | 18.3  | 19.2  | 28.8# |       |
| 150     | 13.8  | 9.9   | 14.9  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





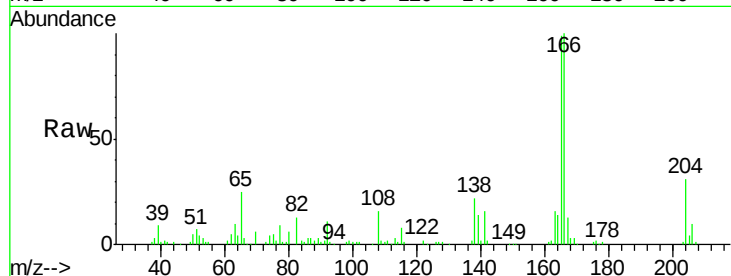
#60  
 4-Chlorophenyl-phenylether  
 Concen: 2.82 ng  
 RT: 10.56 min Scan# 724  
 Delta R.T. 0.00 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.5  | 39.7  |
| 141     | 50.5  | 55.4  | 83.2# |

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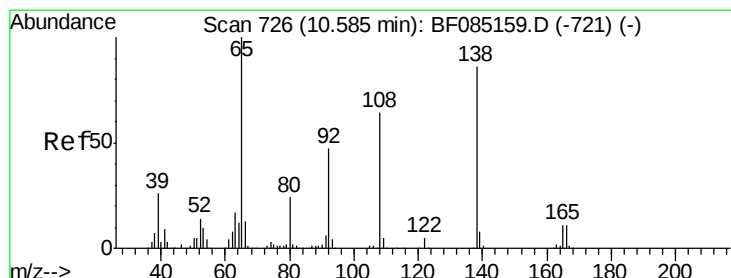
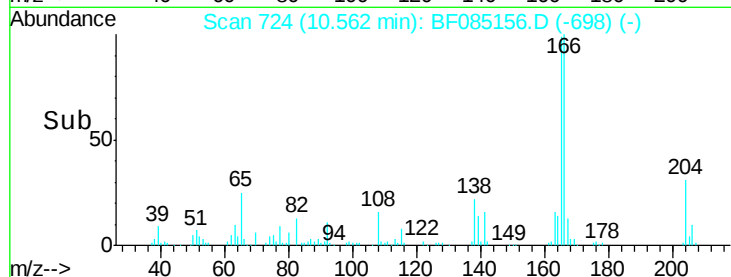
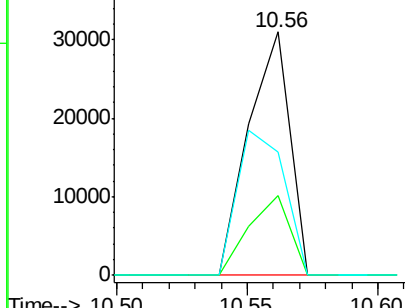


Abundance

Ion 204.00 (203.70 to 204.70): E

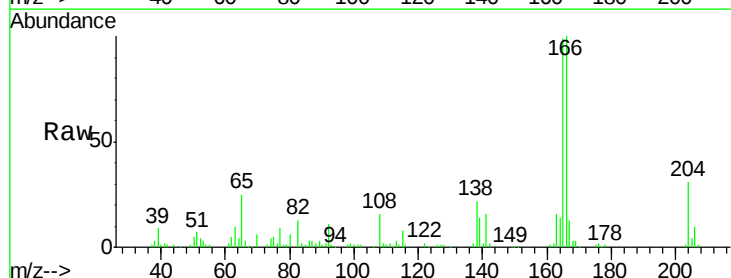
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61  
 4-Nitroaniline  
 Concen: 2.83 ng  
 RT: 10.56 min Scan# 724  
 Delta R.T. -0.02 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.7  | 34.2  | 74.2  |
| 108     | 71.7  | 53.9  | 93.9  |

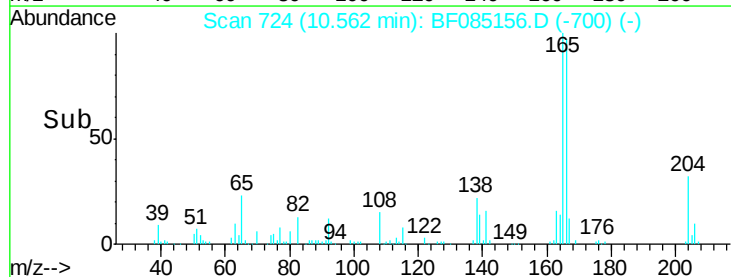
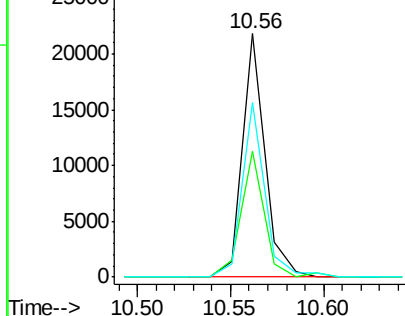


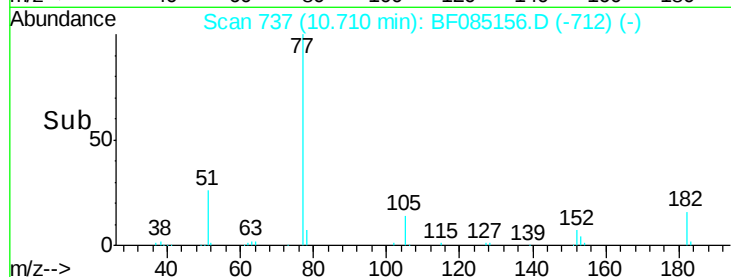
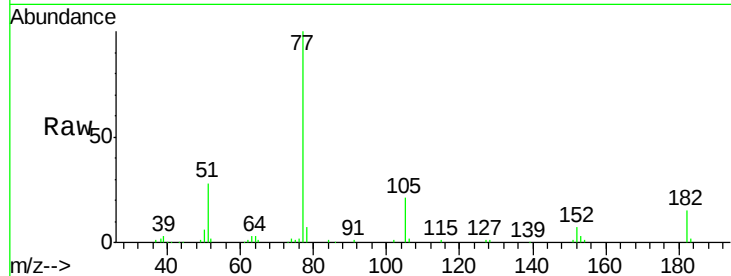
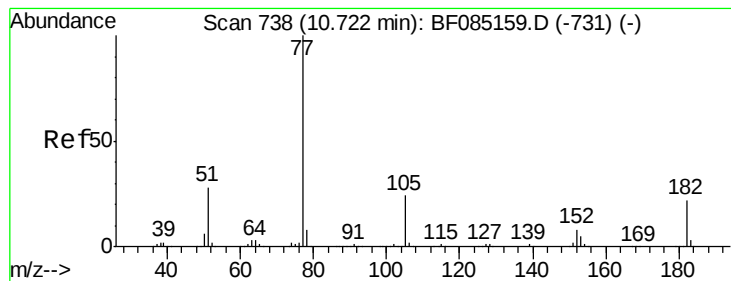
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 2.77 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 15.4  | 2.1   | 42.1  |
| 105     | 21.2  | 3.8   | 43.8  |
| 51      | 27.7  | 7.8   | 47.8  |

Instrument :

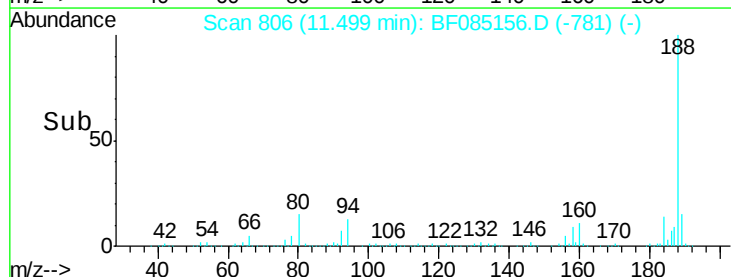
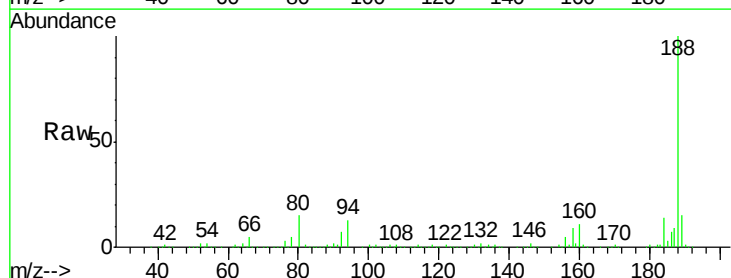
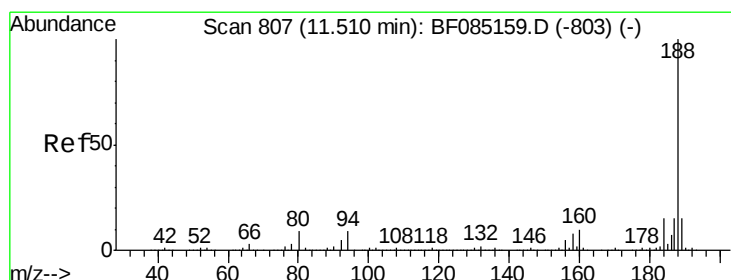
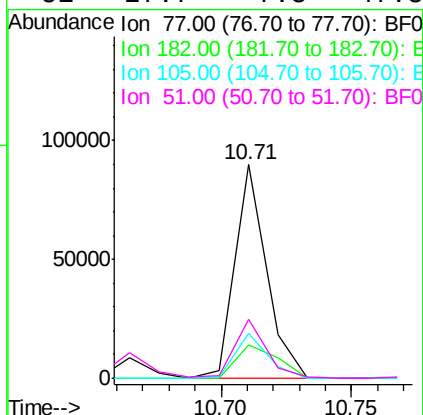
BNA\_F

ClientSampleId :

SSTDIC02.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

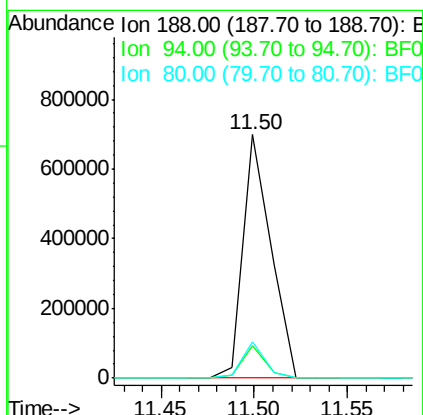
RT: 11.50 min Scan# 806

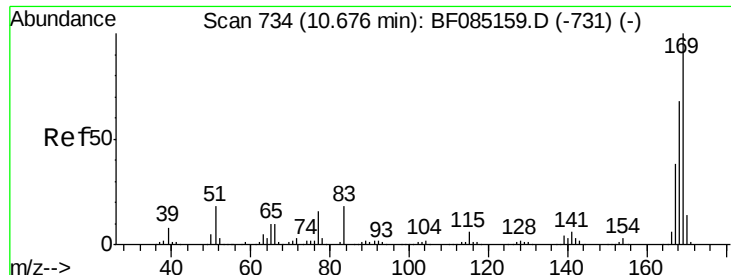
Delta R.T. -0.01 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 13.5  | 7.0   | 10.6# |
| 80      | 14.7  | 7.4   | 11.0# |





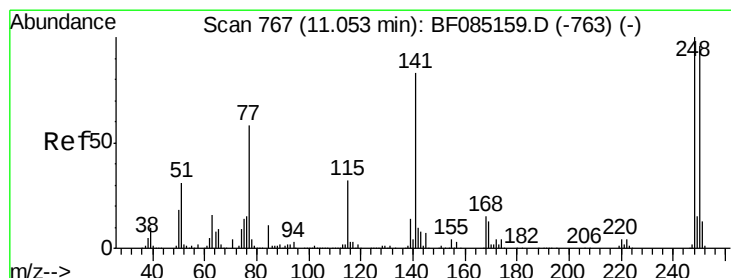
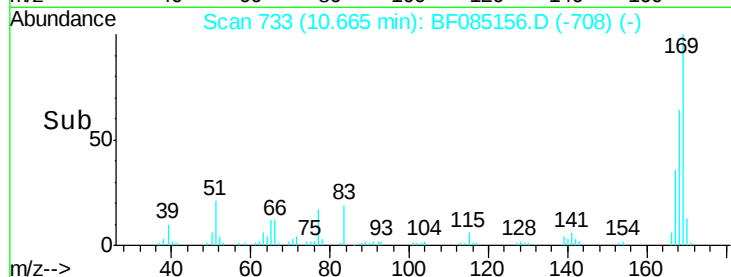
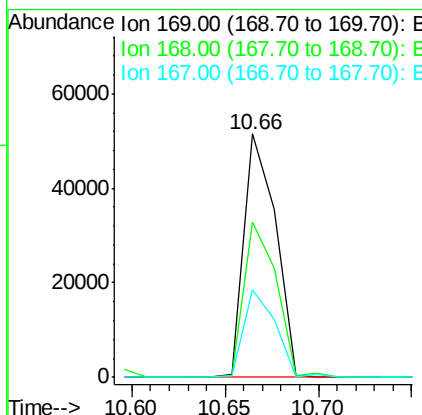
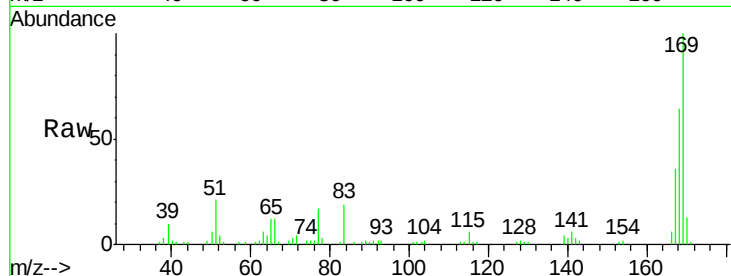
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.67 ng  
 RT: 10.66 min Scan# 733  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 60507 |       |       |
| 168     | 63.5  |       | 54.8  | 82.2  |
| 167     | 35.7  |       | 30.3  | 45.5  |

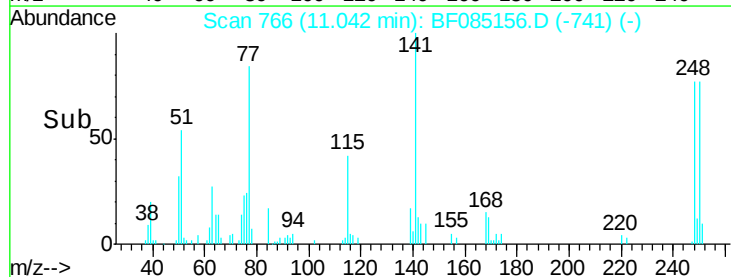
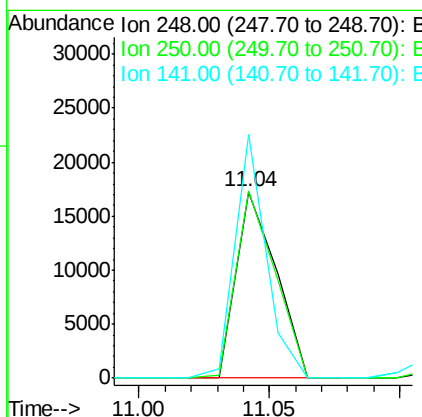
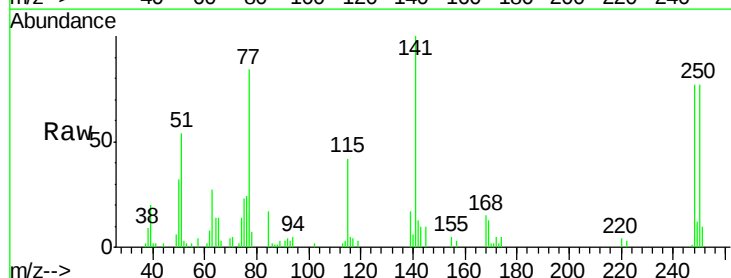
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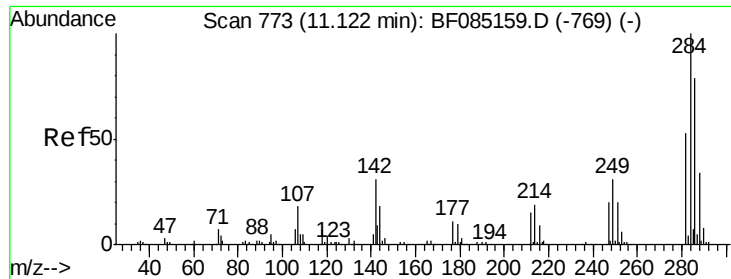
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#66  
 4-Bromophenyl-phenylether  
 Concen: 2.42 ng  
 RT: 11.04 min Scan# 766  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 18462 |       |       |
| 250     | 100.7 |       | 77.1  | 115.7 |
| 141     | 130.6 |       | 66.2  | 99.2# |





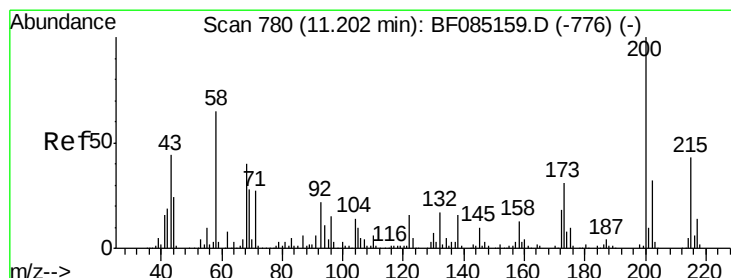
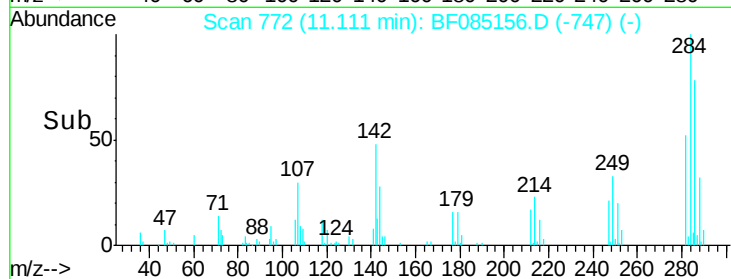
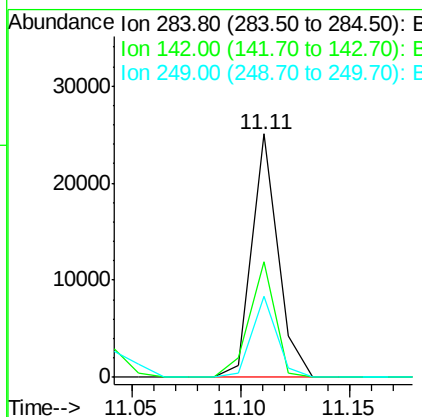
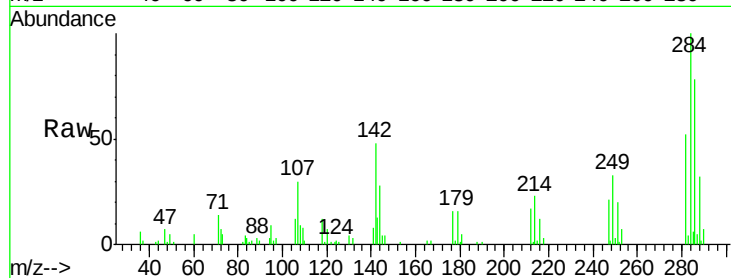
#67  
Hexachlorobenzene  
Concen: 2.46 ng  
RT: 11.11 min Scan# 772  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 20888 |       |       |
| 142     | 47.7  | 24.9  | 37.3  |       |
| 249     | 33.1  | 25.0  | 37.4  |       |

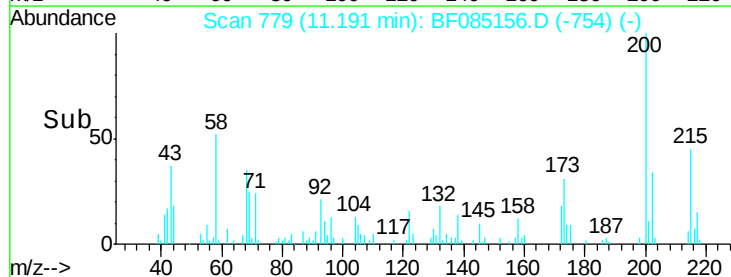
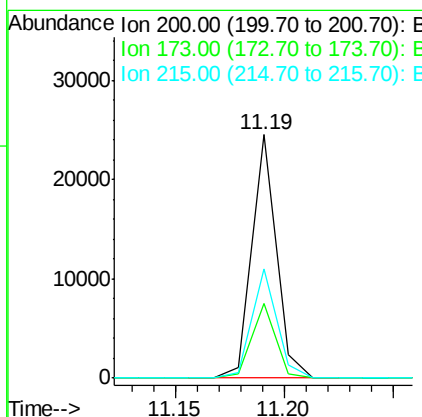
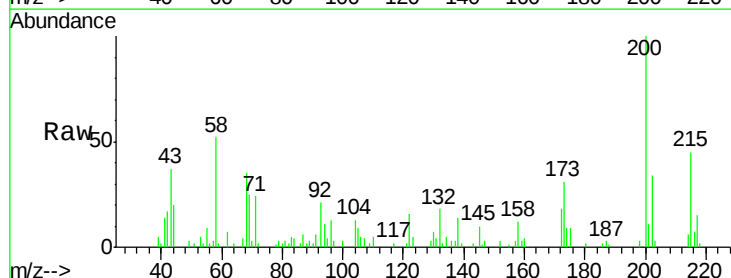
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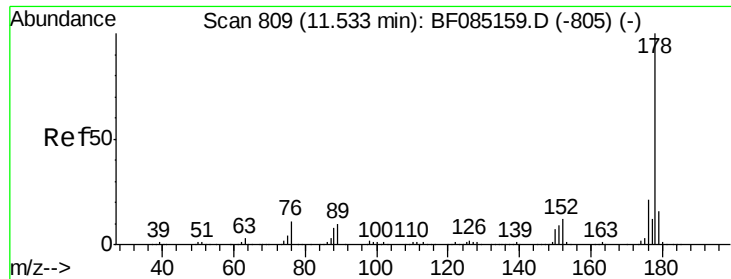
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#68  
Atrazine  
Concen: 2.80 ng  
RT: 11.19 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 19132 |       |       |
| 173     | 30.9  | 10.5  | 50.5  |       |
| 215     | 45.1  | 23.4  | 63.4  |       |





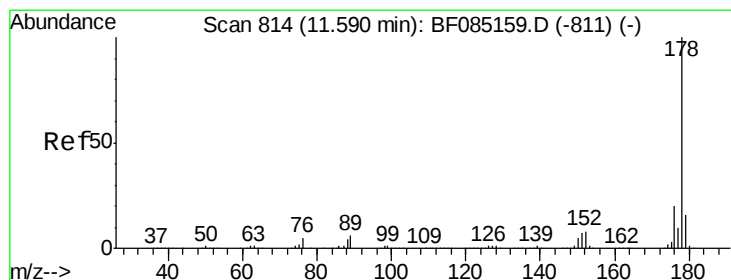
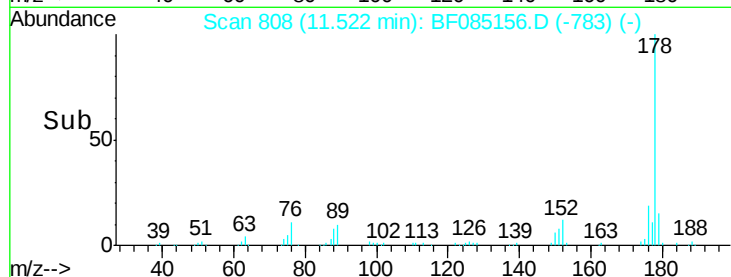
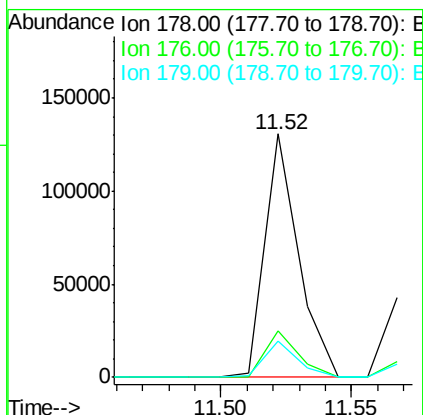
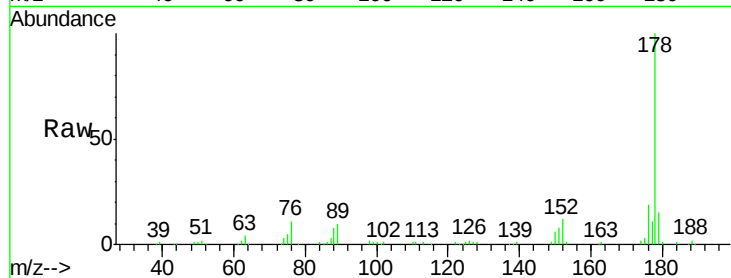
#70  
Phenanthrene  
Concen: 3.22 ng  
RT: 11.52 min Scan# 808  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 16.8  | 25.2  |
| 179     | 15.1  | 13.1  | 19.7  |

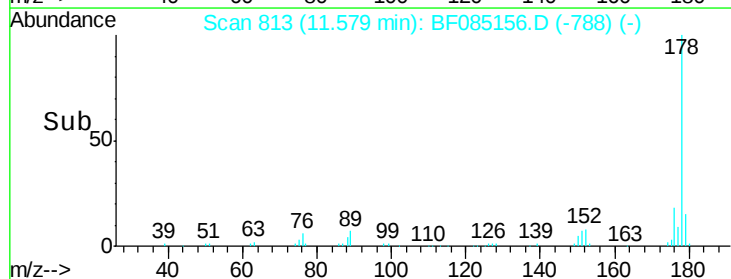
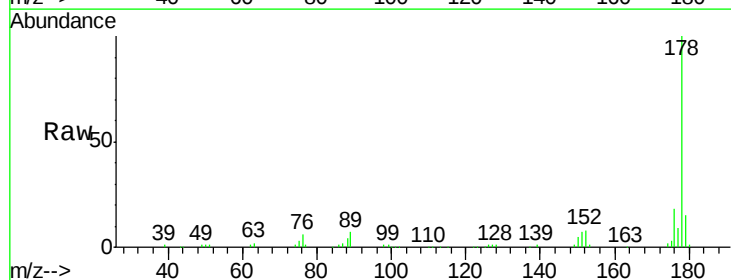
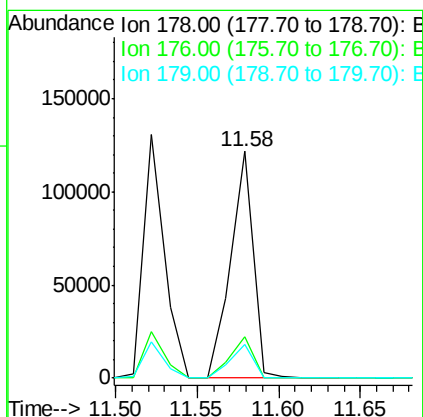
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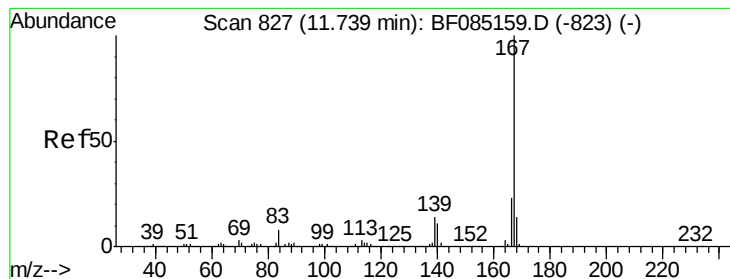
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#71  
Anthracene  
Concen: 2.87 ng  
RT: 11.58 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.9  | 23.9  |
| 179     | 15.0  | 12.5  | 18.7  |





#72

Carbazole

Concen: 2.98 ng

RT: 11.73 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF085156.D

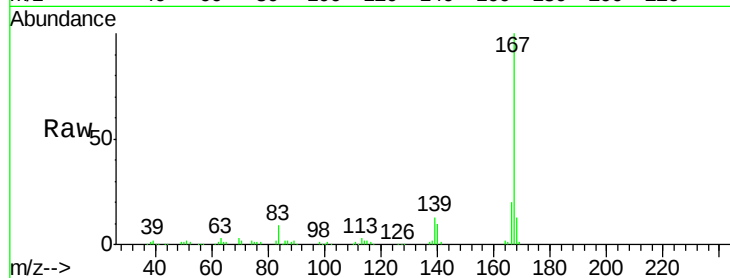
Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

ClientSampleId :

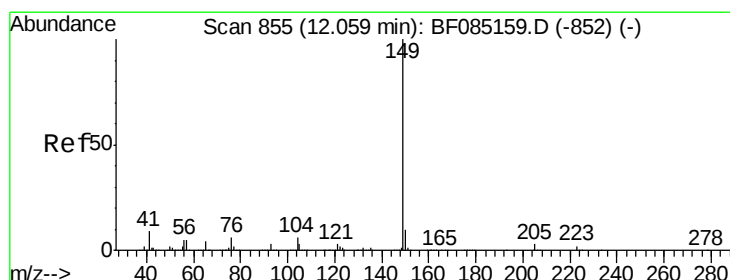
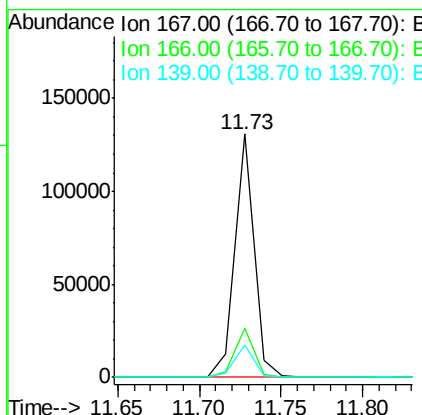
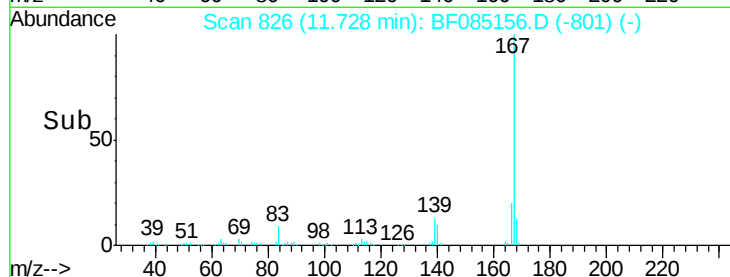
SSTDICC02.5



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 105334 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.2  | 18.2  | 27.2   |
| 139       | 13.3  | 11.4  | 17.0   |

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#73

Di-n-butylphthalate

Concen: 3.00 ng

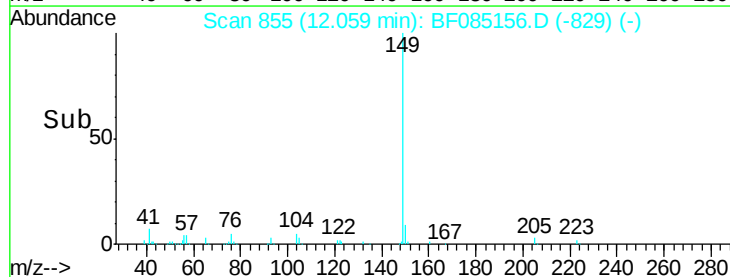
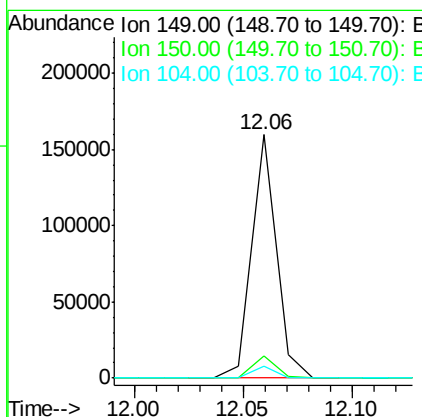
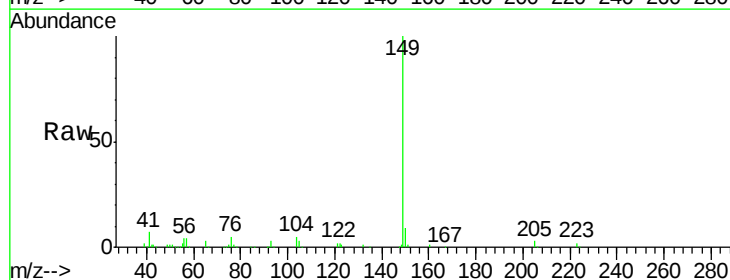
RT: 12.06 min Scan# 855

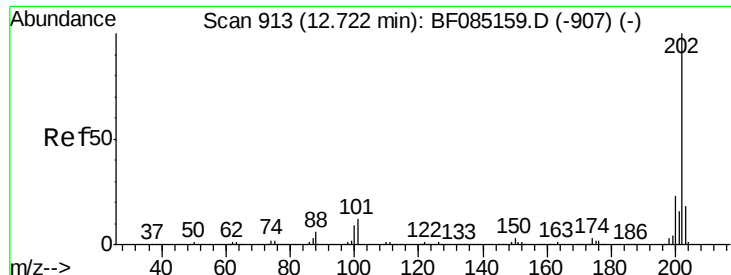
Delta R.T. 0.00 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 125683 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.8   | 11.6   |
| 104       | 4.9   | 4.7   | 7.1    |





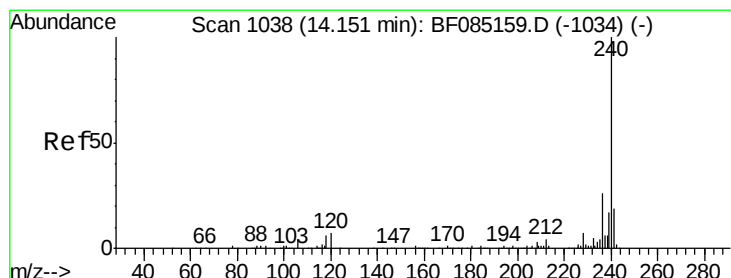
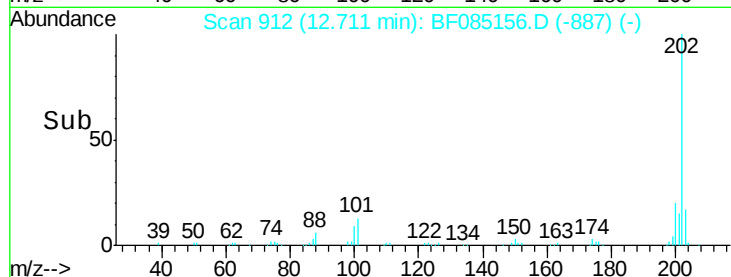
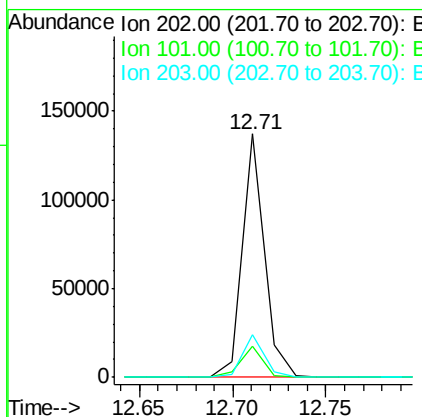
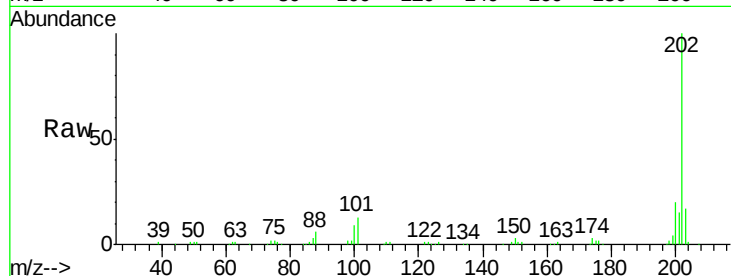
#74  
 Fluoranthene  
 Concen: 2.87 ng  
 RT: 12.71 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 12.5  | 0.0        | 31.8       |
| 203     | 17.3  | 0.0        | 38.4       |

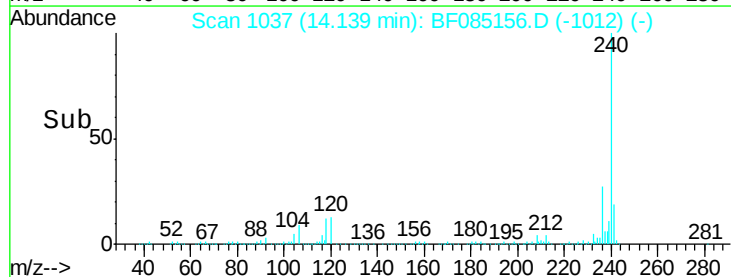
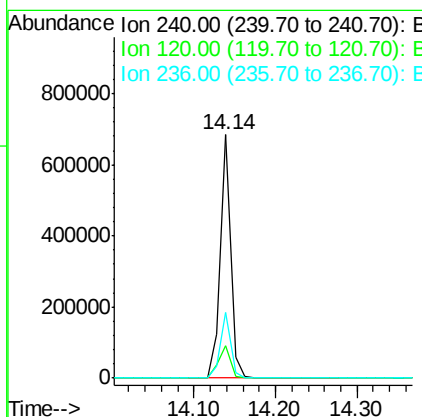
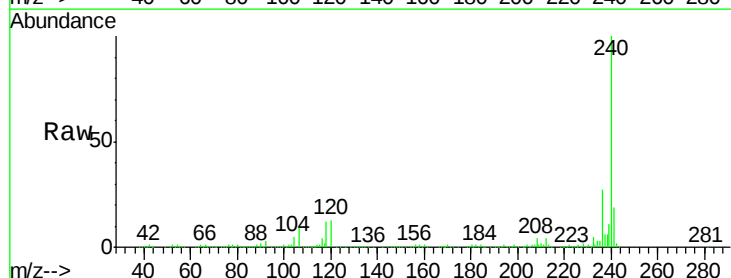
Manual Integrations  
 APPROVED

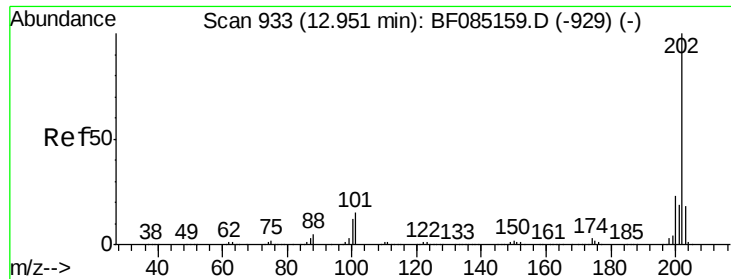
UMANGI  
 3/4/2016 4:28:16 PM



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 14.14 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 13.2  | 5.3        | 7.9#       |
| 236     | 27.1  | 20.7       | 31.1       |





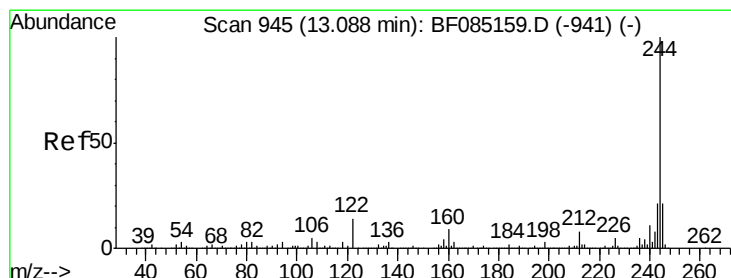
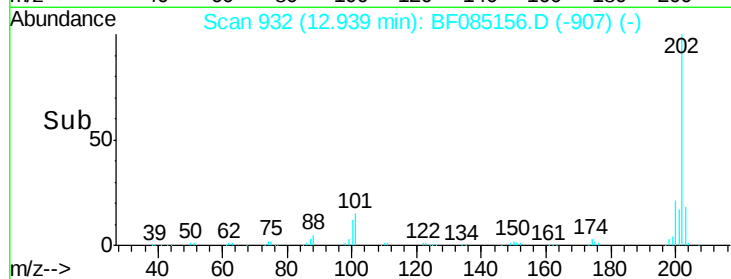
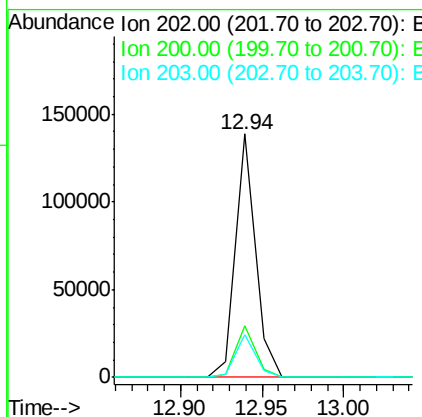
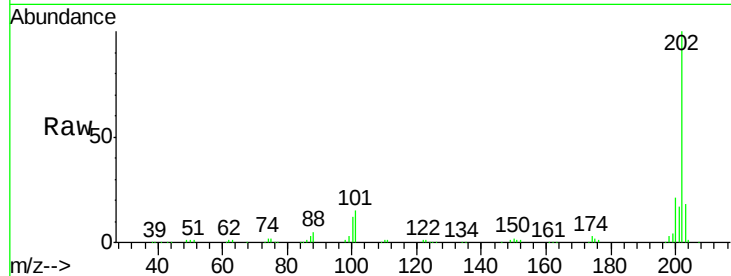
#77  
 Pyrene  
 Concen: 2.72 ng  
 RT: 12.94 min Scan# 932  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 117412 |       |       |
| 200     | 20.9  | 18.2   | 27.4  |       |
| 203     | 17.5  | 14.7   | 22.1  |       |

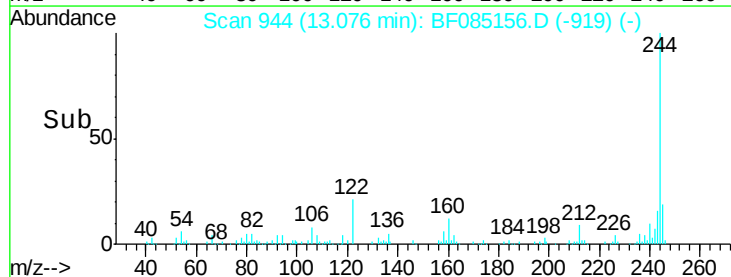
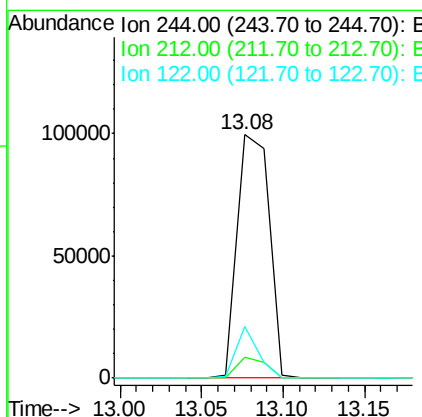
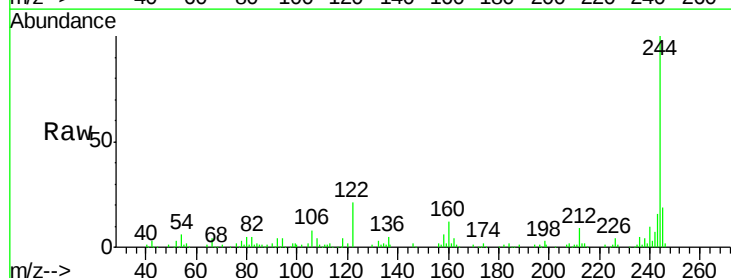
Manual Integrations  
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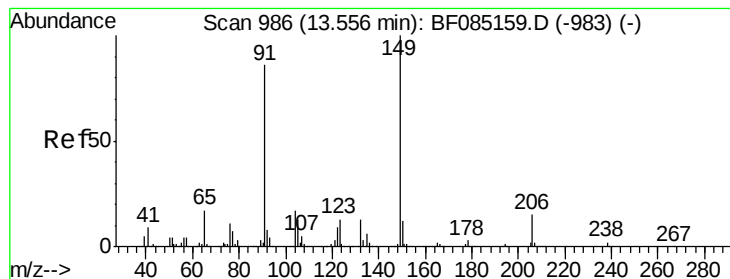
UMANGI  
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#78  
 Terphenyl-d14  
 Concen: 5.18 ng  
 RT: 13.08 min Scan# 944  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 134499 |       |       |
| 212     | 8.6   | 6.4    | 9.6   |       |
| 122     | 21.2  | 11.4   | 17.2  |       |





#79

Butylbenzylphthalate

Concen: 2.49 ng

RT: 13.56 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF085156.D

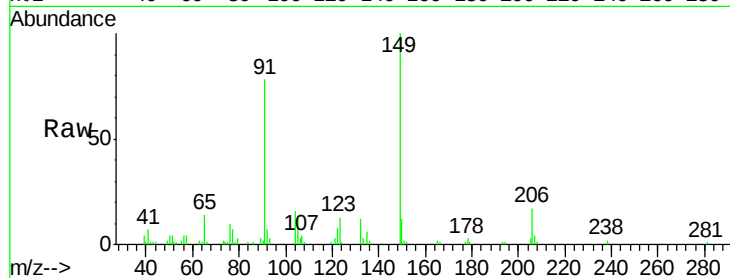
Acq: 3 Mar 2016 15:10

Instrument :

BNA\_F

ClientSampleId :

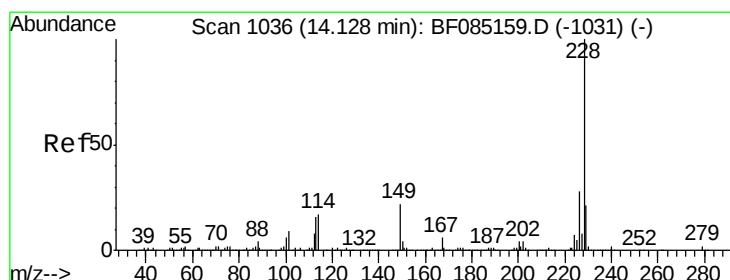
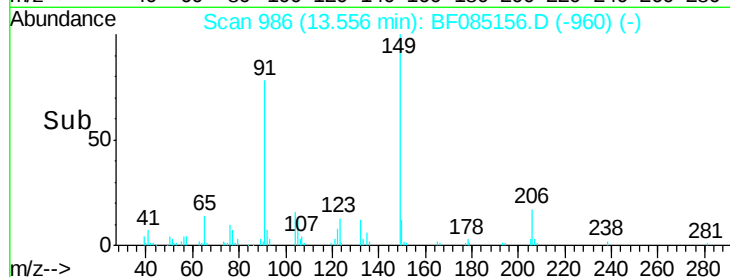
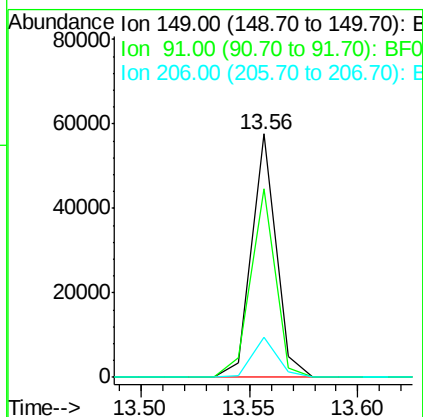
SSTDICC02.5



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 45389 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 77.7  | 69.0  | 103.4 |
| 206       | 16.5  | 12.3  | 18.5  |

Manual Integrations  
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#80

Benzo(a)anthracene

Concen: 2.72 ng

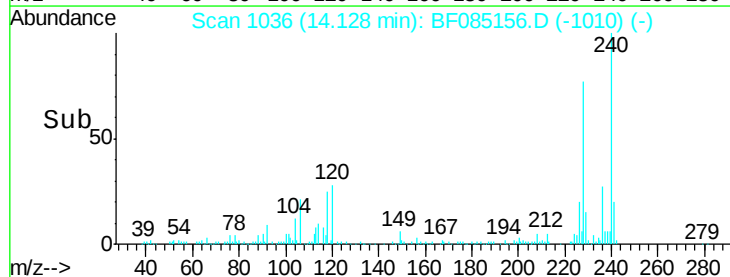
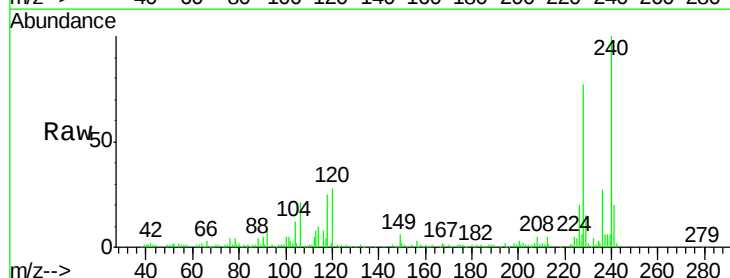
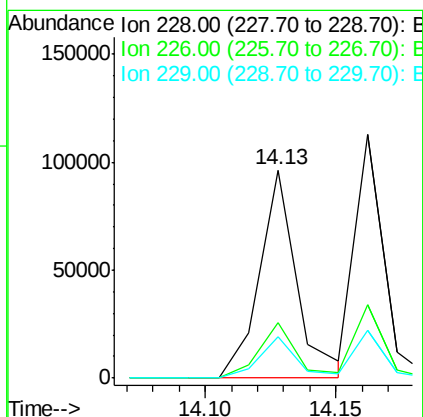
RT: 14.13 min Scan# 1036

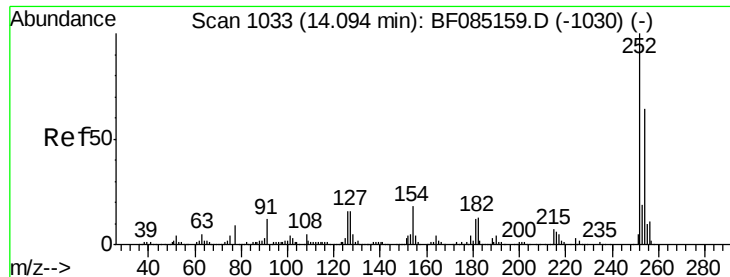
Delta R.T. 0.00 min

Lab File: BF085156.D

Acq: 3 Mar 2016 15:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 96957 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 26.5  | 22.8  | 34.2  |
| 229       | 19.9  | 16.6  | 24.8  |





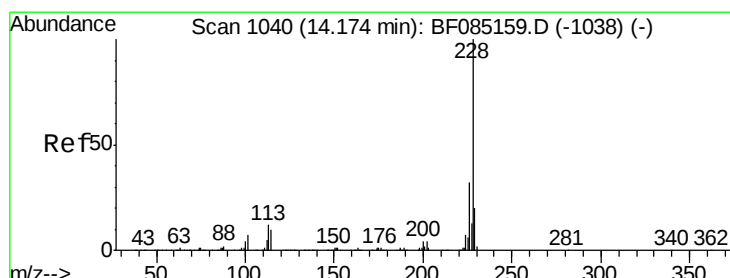
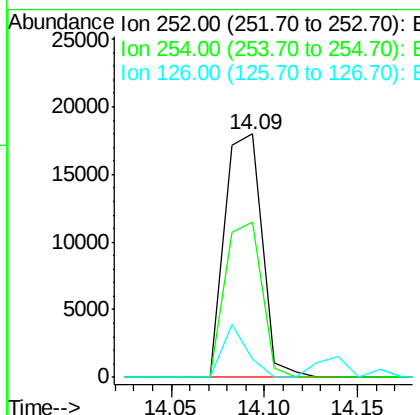
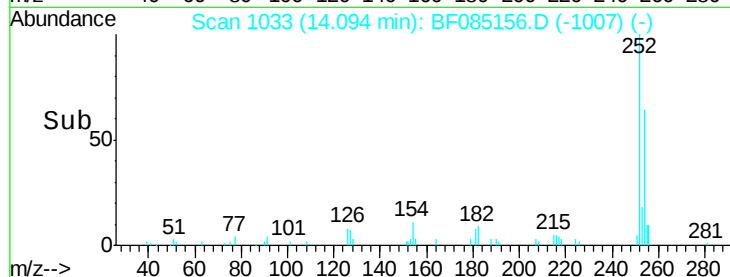
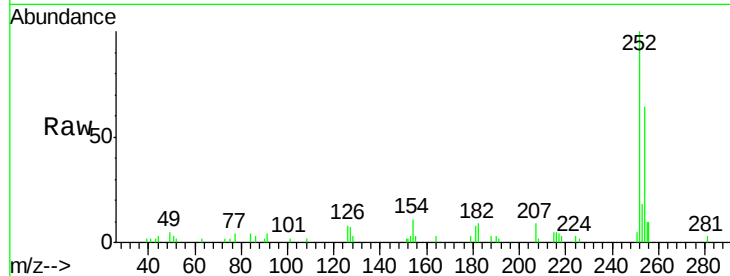
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.25 ng  
 RT: 14.09 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 51.4  | 77.0  |
| 126     | 7.7   | 12.9  | 19.3  |

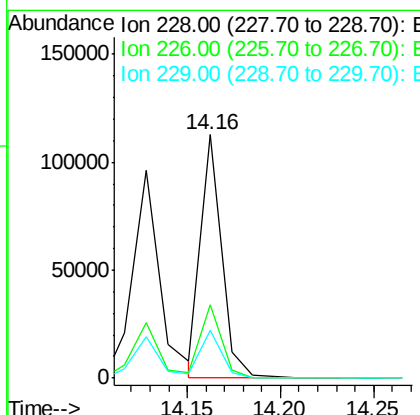
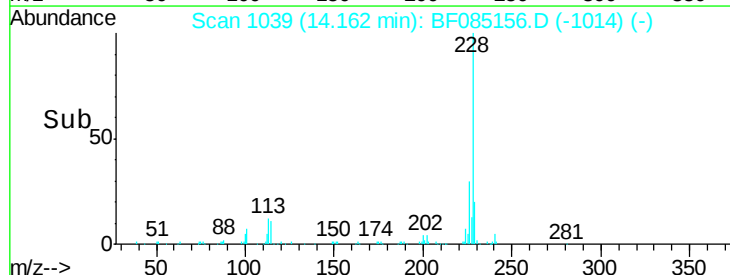
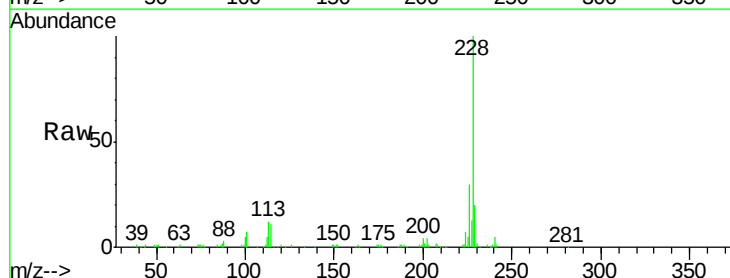
Manual Integrations  
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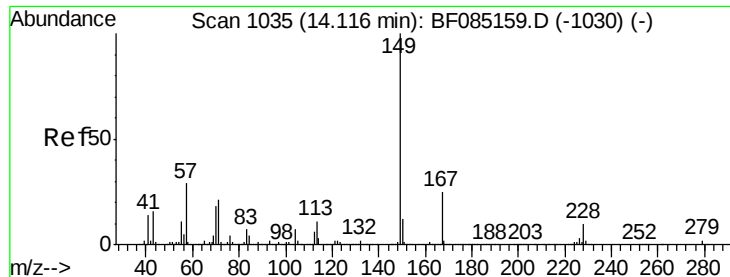
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#82  
 Chrysene  
 Concen: 2.63 ng  
 RT: 14.16 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 25.2  | 37.8  |
| 229     | 19.6  | 16.0  | 24.0  |





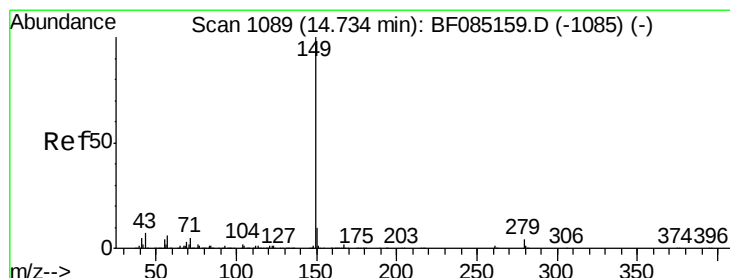
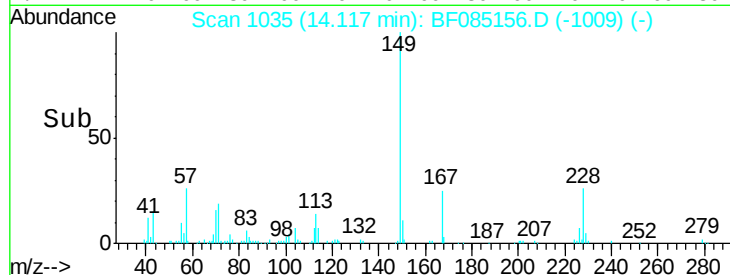
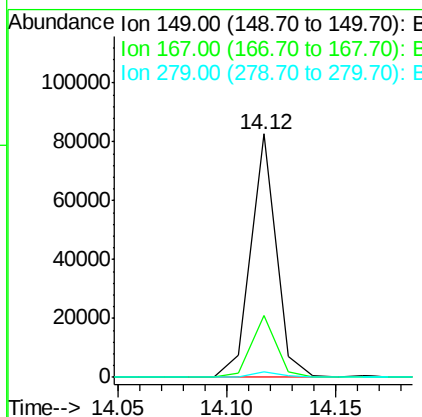
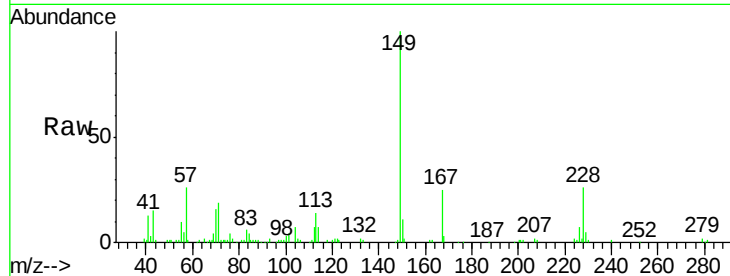
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.13 ng  
 RT: 14.12 min Scan# 1035  
 Delta R.T. 0.00 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 66870 |       |       |
| 167     | 25.3  | 20.3  | 30.5  |       |
| 279     | 2.2   | 1.9   | 2.9   |       |

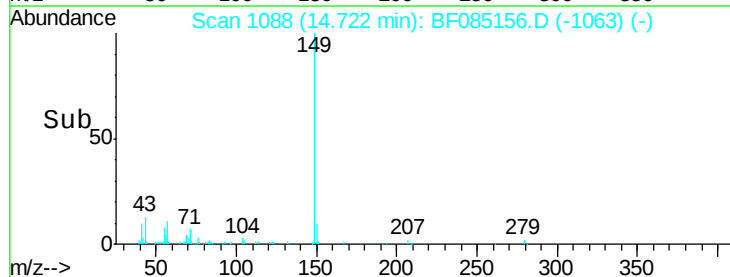
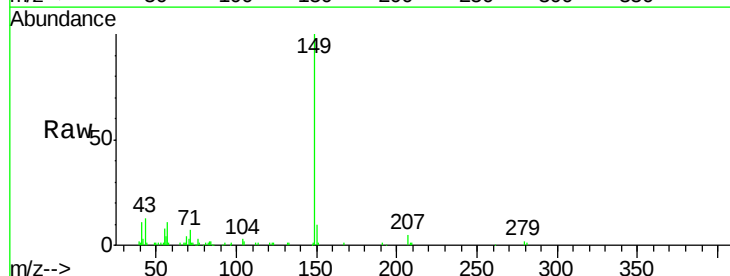
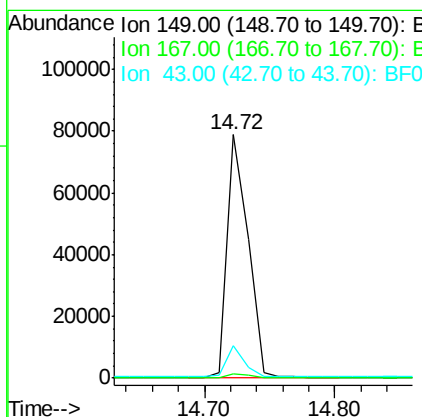
Manual Integrations  
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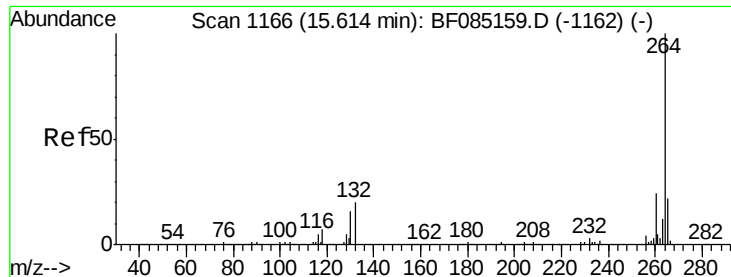
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#84  
 Di-n-octyl phthalate  
 Concen: 2.73 ng  
 RT: 14.72 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BF085156.D  
 Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 88421 |       |       |
| 167     | 1.6   | 1.1   | 1.7   |       |
| 43      | 11.2  | 7.8   | 11.8  |       |





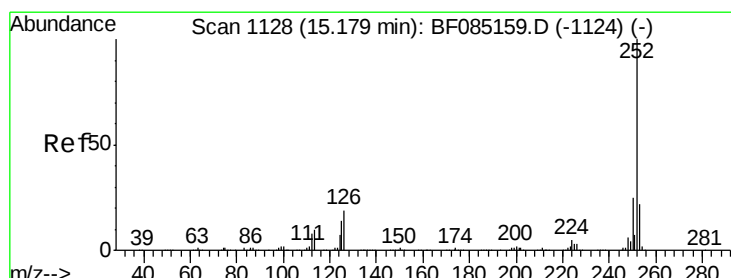
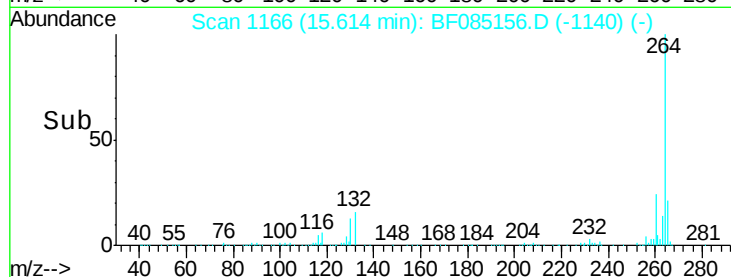
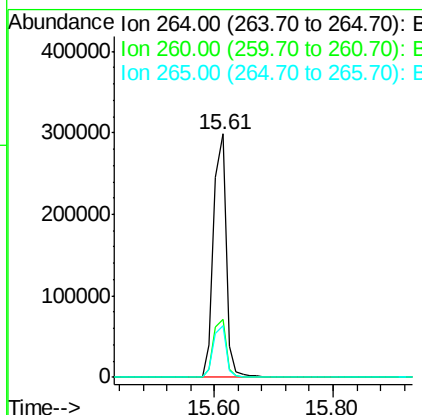
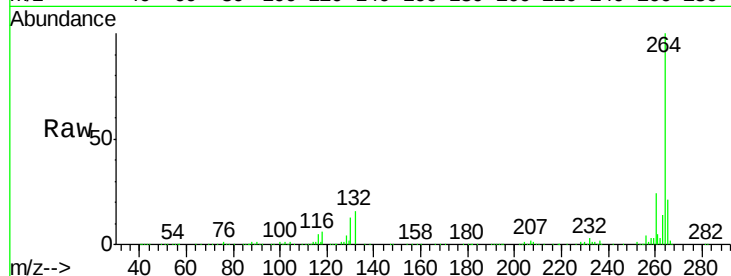
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.61 min Scan# 1166  
Delta R.T. 0.00 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.4  | 17.3  | 25.9  |

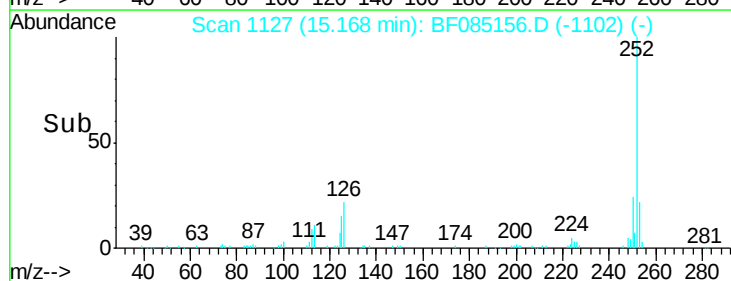
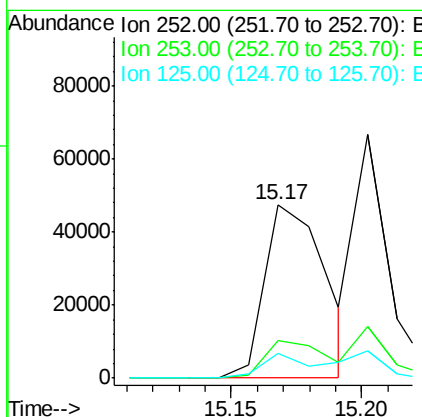
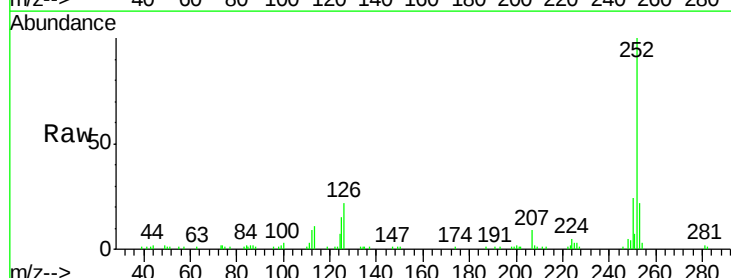
Manual Integrations  
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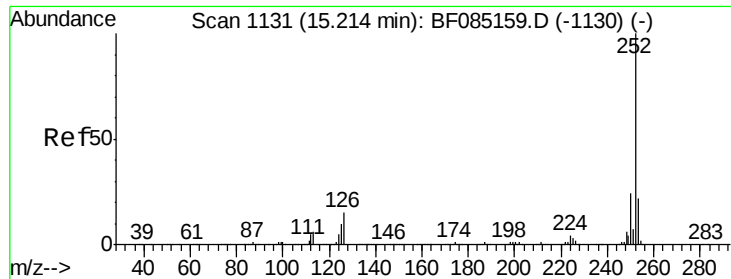
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#87  
Benzo(b)fluoranthene  
Concen: 2.80 ng  
RT: 15.17 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.6  |
| 125     | 14.6  | 11.3  | 16.9  |





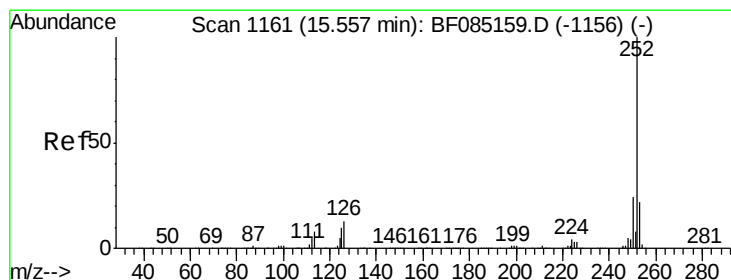
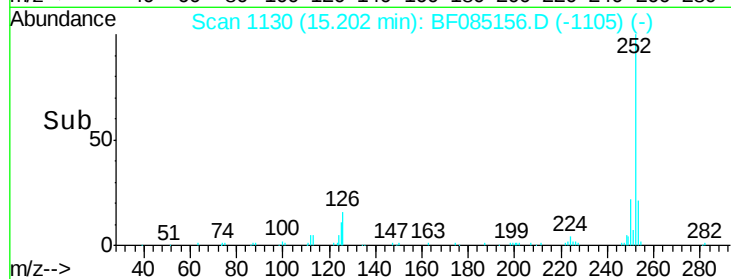
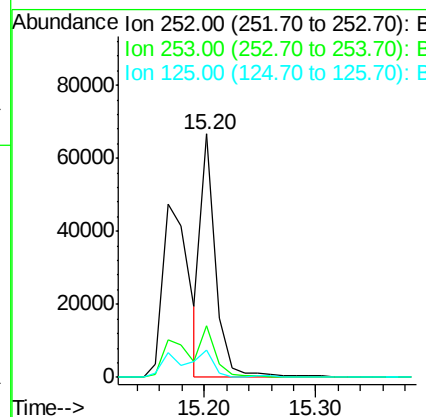
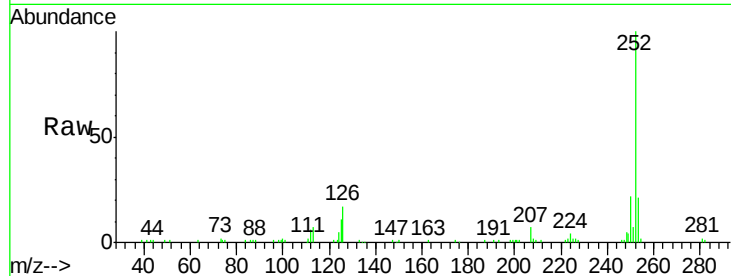
#88  
Benzo(k)fluoranthene  
Concen: 2.71 ng m  
RT: 15.20 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.8  | 26.6  |
| 125     | 11.4  | 10.4  | 15.6  |

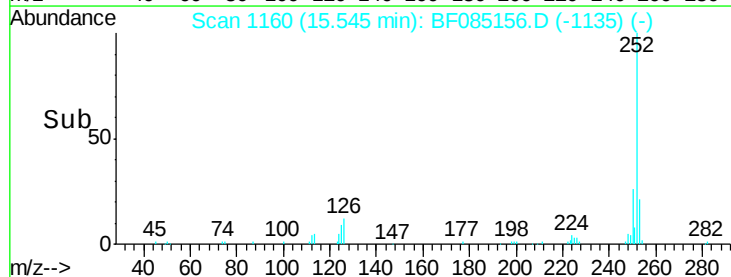
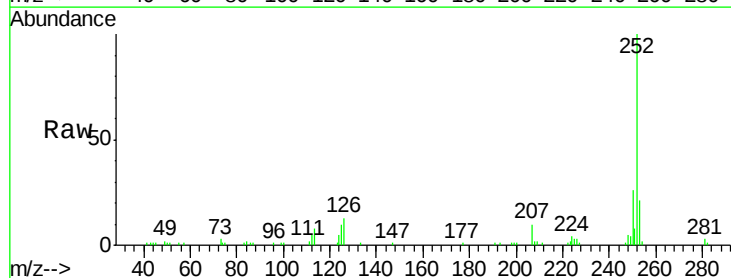
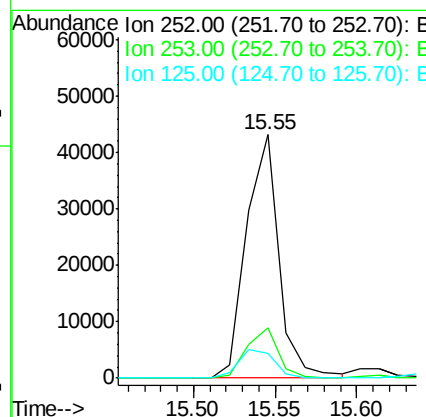
Manual Integrations  
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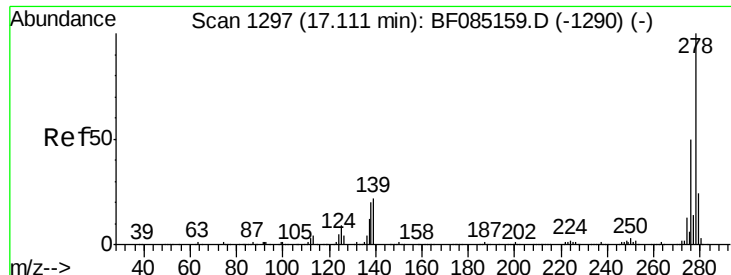
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#89  
Benzo(a)pyrene  
Concen: 2.61 ng  
RT: 15.55 min Scan# 1160  
Delta R.T. -0.01 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.7  | 17.4  | 26.0  |
| 125     | 9.9   | 8.2   | 12.4  |





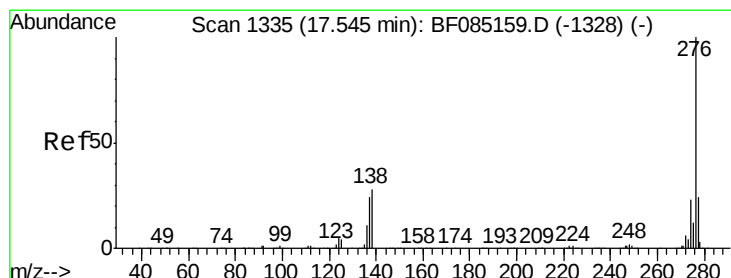
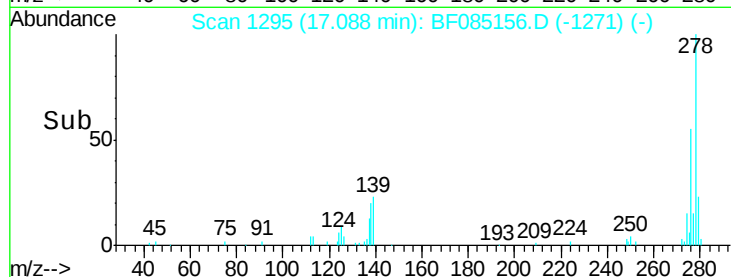
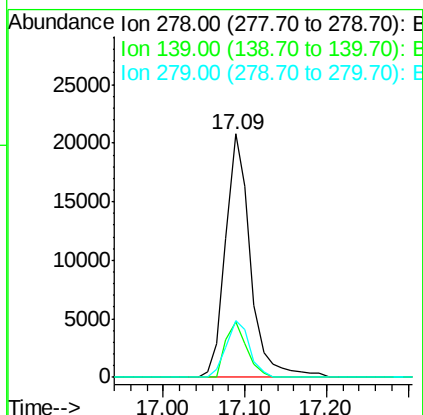
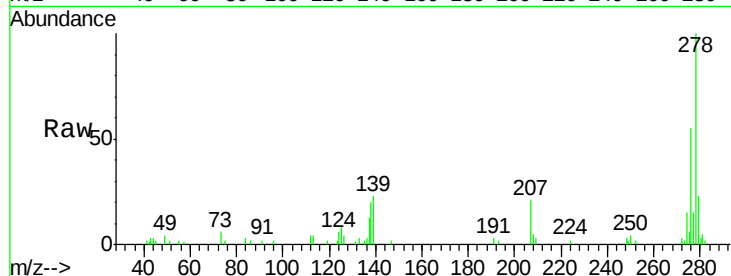
#90  
Dibenzo(a,h)anthracene  
Concen: 2.14 ng  
RT: 17.09 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.6  | 17.3  | 25.9  |
| 279     | 23.2  | 19.2  | 28.8  |

Manual Integrations  
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#91  
Benzo(g,h,i)perylene  
Concen: 2.08 ng  
RT: 17.51 min Scan# 1332  
Delta R.T. -0.03 min  
Lab File: BF085156.D  
Acq: 3 Mar 2016 15:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 19.0  | 28.4  |
| 138     | 30.1  | 22.5  | 33.7  |

