

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080516\  
 Data File : BF089657.D  
 Acq On : 6 Aug 2016 8:40  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Manual Integrations  
 APPROVED

umangi  
 8/8/2016 9:21:22 AM

Quant Time: Aug 08 01:03:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 60889    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.47  | 136  | 252004   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.30 | 164  | 106121   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.69 | 188  | 163442   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 18.39 | 240  | 120802   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.05 | 264  | 110047   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 299838 | 82.53 | ng | 0.01 |
| 7) Phenol-d6             | 6.99  | 99  | 385867 | 78.30 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 8.36  | 82  | 364533 | 80.01 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.59 | 330 | 60879  | 69.52 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 11.26 | 172 | 636466 | 77.95 | ng | 0.00 |
| 78) Terphenyl-d14        | 17.05 | 244 | 365538 | 59.74 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.74  | 88  | 65338  | 31.37 | ng | 93     |
| 3) Pyridine                    | 2.30  | 79  | 172636 | 45.11 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.28  | 42  | 67762  | 41.47 | ng | 100    |
| 6) Aniline                     | 6.94  | 93  | 268547 | 42.05 | ng | 100    |
| 8) 2-Chlorophenol              | 7.12  | 128 | 176383 | 39.55 | ng | 96     |
| 9) Benzaldehyde                | 6.74  | 77  | 99233  | 55.50 | ng | 90     |
| 10) Phenol                     | 7.02  | 94  | 210369 | 41.58 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93  | 166536 | 38.31 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.35  | 146 | 187073 | 38.62 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.47  | 146 | 185723 | 38.44 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.70  | 146 | 186959 | 36.71 | ng | 98     |
| 15) Benzyl Alcohol             | 7.74  | 79  | 132953 | 41.14 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.94  | 45  | 206604 | 37.32 | ng | 76     |
| 17) 2-Methylphenol             | 7.95  | 107 | 127618 | 39.62 | ng | 97     |
| 18) Hexachloroethane           | 8.23  | 117 | 71006  | 34.87 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.17  | 70  | 135541 | 38.07 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.22  | 107 | 169845 | 41.77 | ng | 94     |
| 22) Acetophenone               | 8.14  | 105 | 241155 | 40.14 | ng | # 98   |
| 24) Nitrobenzene               | 8.39  | 77  | 180298 | 41.66 | ng | 98     |
| 25) Isophorone                 | 8.79  | 82  | 330134 | 37.84 | ng | 100    |
| 26) 2-Nitrophenol              | 8.89  | 139 | 83599  | 42.10 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.04  | 122 | 149303 | 41.82 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.18  | 93  | 217889 | 41.28 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.31  | 162 | 134112 | 39.70 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 9.40  | 180 | 149331 | 38.70 | ng | 99     |
| 31) Naphthalene                | 9.51  | 128 | 506083 | 37.78 | ng | 99     |
| 32) Benzoic acid               | 9.37  | 122 | 68145  | 30.38 | ng | 96     |
| 33) 4-Chloroaniline            | 9.64  | 127 | 205594 | 40.87 | ng | 98     |
| 34) Hexachlorobutadiene        | 9.74  | 225 | 84330  | 37.95 | ng | 98     |
| 35) Caprolactam                | 10.30 | 113 | 40203  | 40.83 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 10.50 | 107 | 149740 | 38.13 | ng | 93     |
| 37) 2-Methylnaphthalene        | 10.63 | 142 | 309374 | 37.56 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.91 | 216 | 163008 | 40.87 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.89 | 237 | 11480  | 16.42 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080516\  
 Data File : BF089657.D  
 Acq On : 6 Aug 2016 8:40  
 Operator : UM/SJ  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDC040EC

Manual Integrations  
 APPROVED

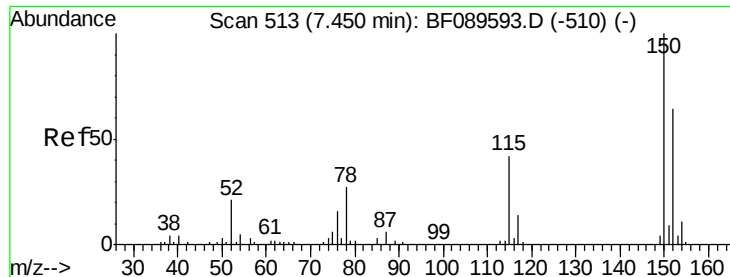
umangi  
 8/8/2016 9:21:22 AM

Quant Time: Aug 08 01:03:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.13 | 196  | 83021    | 42.20 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 11.21 | 196  | 89751    | 42.69 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 11.40 | 154  | 380368   | 39.74 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 11.42 | 162  | 284879   | 39.70 | ng    | 99       |
| 47) 2-Nitroaniline             | 11.62 | 65   | 88999    | 38.48 | ng    | 99       |
| 48) Acenaphthylene             | 12.07 | 152  | 447079   | 37.83 | ng    | 100      |
| 49) Dimethylphthalate          | 11.97 | 163  | 335477   | 40.33 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.05 | 165  | 67258    | 40.67 | ng    | 89       |
| 51) Acenaphthene               | 12.35 | 154  | 252927   | 37.05 | ng    | 99       |
| 52) 3-Nitroaniline             | 12.31 | 138  | 75879    | 38.36 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 12.54 | 184  | 7708     | 18.51 | ng    | 87       |
| 54) Dibenzofuran               | 12.64 | 168  | 350507   | 37.35 | ng    | 100      |
| 55) 4-Nitrophenol              | 12.70 | 139  | 36184m   | 31.86 | ng    |          |
| 56) 2,4-Dinitrotoluene         | 12.70 | 165  | 81979    | 35.24 | ng    | 93       |
| 57) Fluorene                   | 13.19 | 166  | 280208   | 34.93 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.87 | 232  | 58499    | 36.65 | ng    | 97       |
| 59) Diethylphthalate           | 13.11 | 149  | 329593   | 38.32 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 13.22 | 204  | 135749   | 36.90 | ng    | 98       |
| 61) 4-Nitroaniline             | 13.31 | 138  | 64260    | 36.13 | ng    | 97       |
| 62) Azobenzene                 | 13.47 | 77   | 306067   | 36.79 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 13.37 | 198  | 23410    | 26.15 | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 13.44 | 169  | 251389   | 45.54 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.01 | 248  | 71778    | 45.40 | ng    | 95       |
| 67) Hexachlorobenzene          | 14.07 | 284  | 69897    | 40.19 | ng    | 99       |
| 68) Atrazine                   | 14.35 | 200  | 73059    | 47.40 | ng    | 98       |
| 69) Pentachlorophenol          | 14.42 | 266  | 31508    | 44.26 | ng    | 97       |
| 70) Phenanthrene               | 14.73 | 178  | 340747   | 38.34 | ng    | 99       |
| 71) Anthracene                 | 14.81 | 178  | 361708   | 37.96 | ng    | 99       |
| 72) Carbazole                  | 15.11 | 167  | 302520   | 38.10 | ng    | 99       |
| 73) Di-n-butylphthalate        | 15.70 | 149  | 439763   | 40.95 | ng    | 99       |
| 74) Fluoranthene               | 16.49 | 202  | 323890   | 35.45 | ng    | 98       |
| 76) Benzidine                  | 16.73 | 184  | 140725   | 38.43 | ng    | 99       |
| 77) Pyrene                     | 16.79 | 202  | 329681   | 30.87 | ng    | 99       |
| 79) Butylbenzylphthalate       | 17.73 | 149  | 150521   | 33.12 | ng    | 98       |
| 80) Benzo(a)anthracene         | 18.38 | 228  | 262225   | 37.78 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.37 | 252  | 98864    | 45.21 | ng    | 99       |
| 82) Chrysene                   | 18.42 | 228  | 275087   | 37.78 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 18.47 | 149  | 213226   | 33.88 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 19.25 | 149  | 379052   | 41.86 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.23 | 276  | 207097   | 37.45 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 19.65 | 252  | 245628   | 36.29 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 19.68 | 252  | 268553m  | 39.33 | ng    |          |
| 89) Benzo(a)pyrene             | 19.99 | 252  | 229689   | 36.25 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 21.25 | 278  | 185080   | 31.26 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 21.57 | 276  | 172653   | 28.49 | ng    | 96       |

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





#1

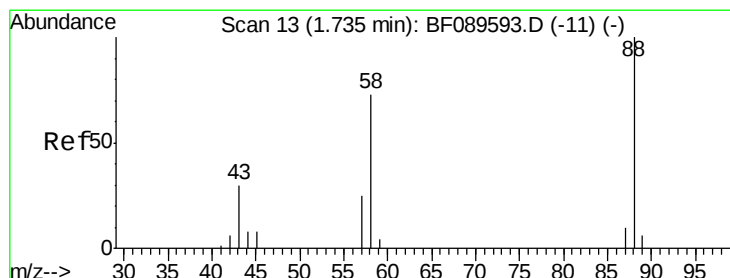
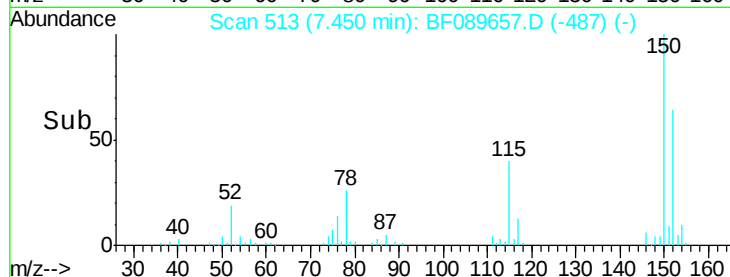
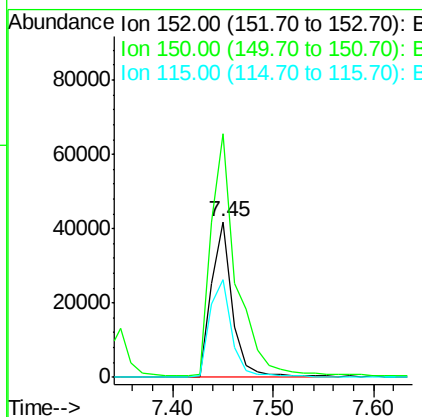
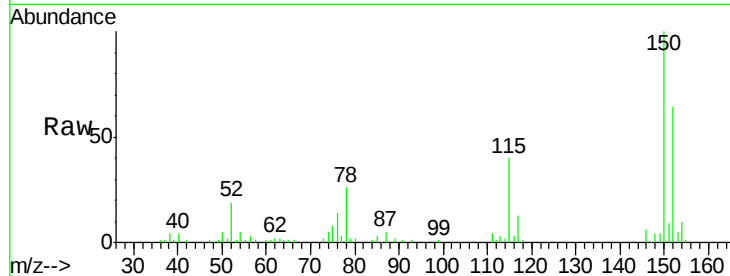
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.45 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 125.5 | 188.3 |
| 115     | 62.7  | 52.0  | 78.0  |

Manual Integrations  
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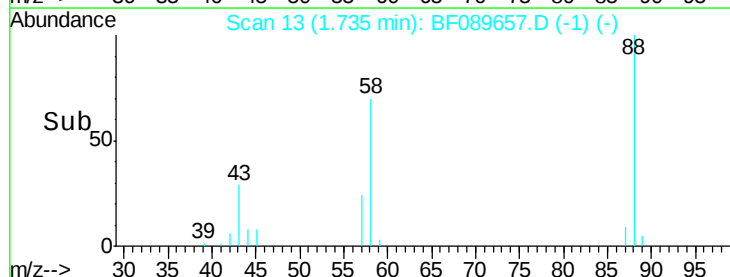
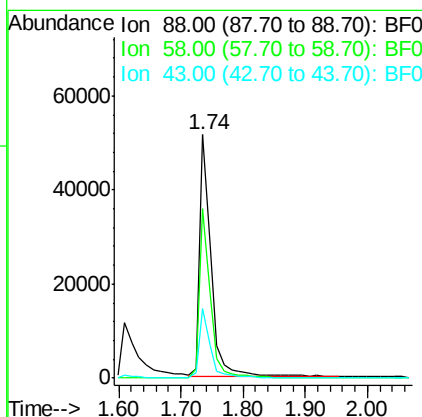
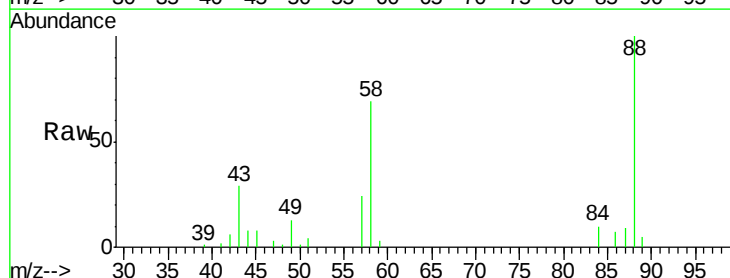
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8/8/2016 9:21:22 AM

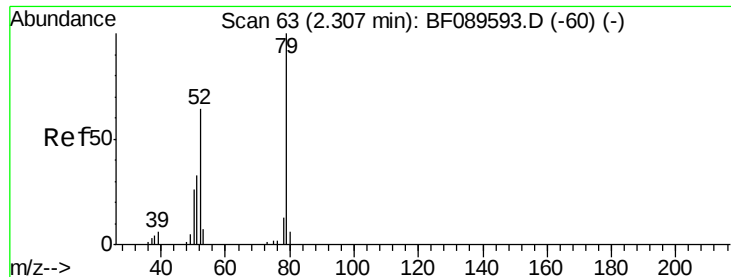


#2

1,4-Dioxane  
Concen: 31.37 ng  
RT: 1.74 min Scan# 13  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 67.9  | 49.8  | 74.8  |
| 43      | 28.4  | 20.1  | 30.1  |





#3

Pyridine

Concen: 45.11 ng

RT: 2.30 min Scan# 62

Delta R.T. -0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

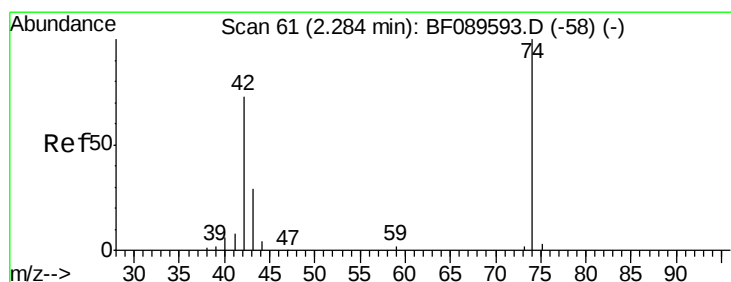
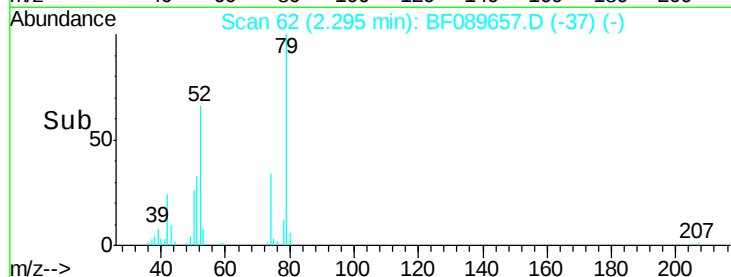
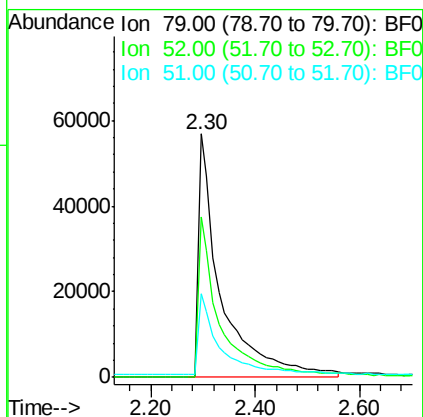
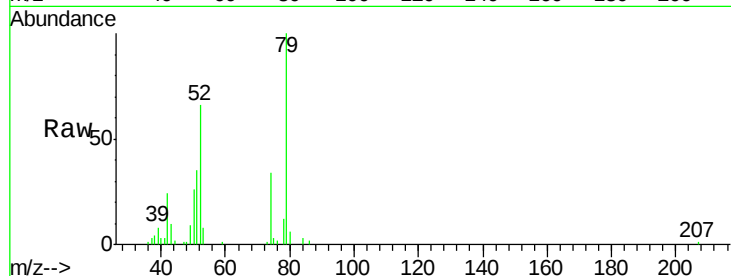
ClientSampleId :

SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 172636 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 65.9  | 51.0  | 76.4   |
| 51       | 34.5  | 27.9  | 41.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.47 ng

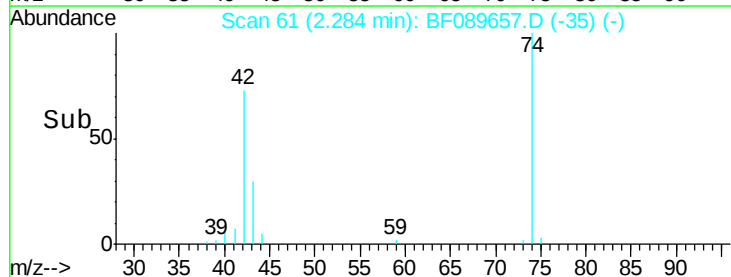
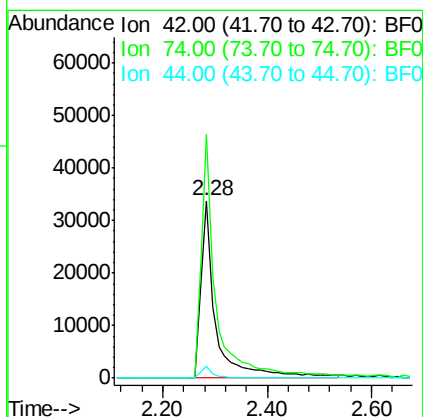
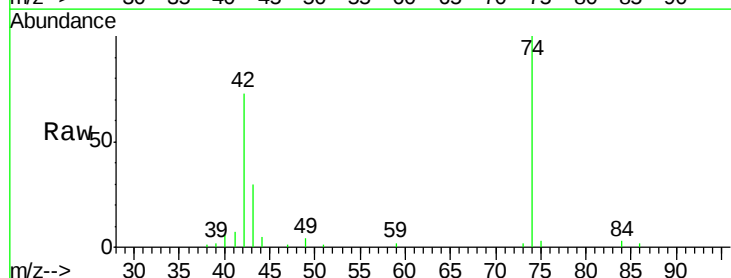
RT: 2.28 min Scan# 61

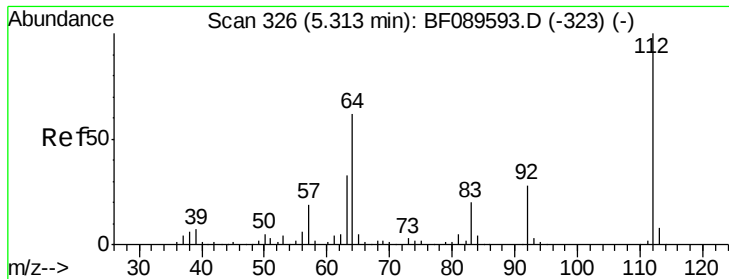
Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 67762 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 137.1 | 110.0 | 165.0 |
| 44       | 6.4   | 4.8   | 7.2   |





#5

2-Fluorophenol

Concen: 82.53 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

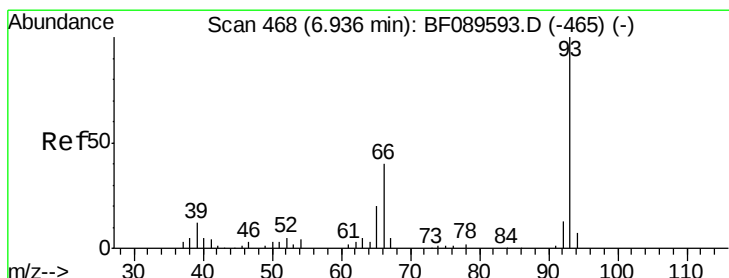
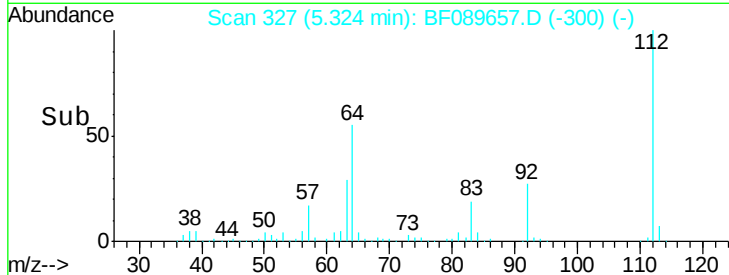
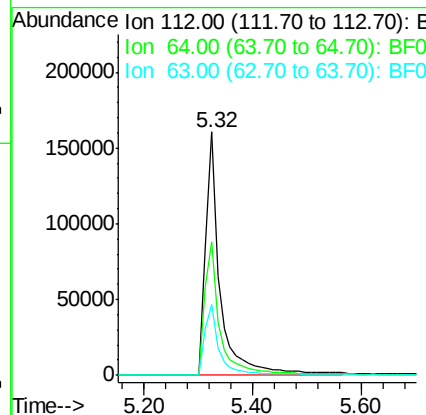
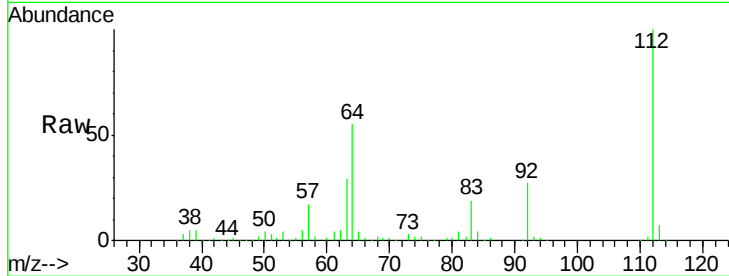
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 299838 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.8  | 49.9  | 74.9   |
| 63        | 29.0  | 26.1  | 39.1   |

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#6

Aniline

Concen: 42.05 ng

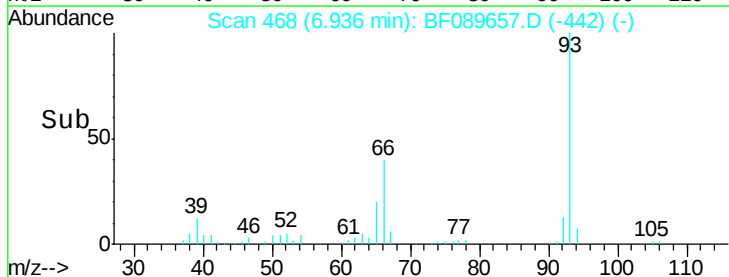
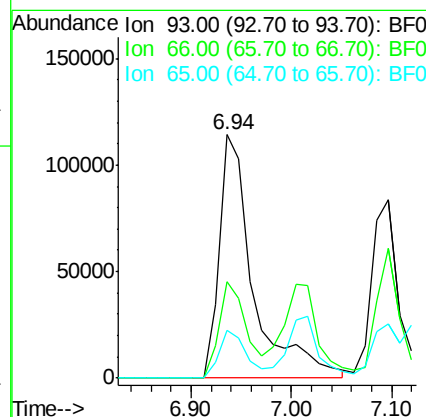
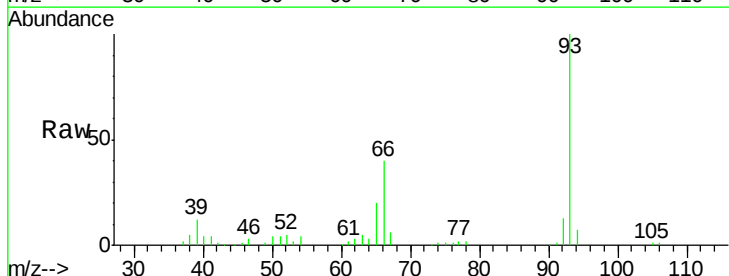
RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 268547 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.8  | 32.2  | 48.2   |
| 65        | 19.8  | 15.8  | 23.8   |





#7

Phenol-d6

Concen: 78.30 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

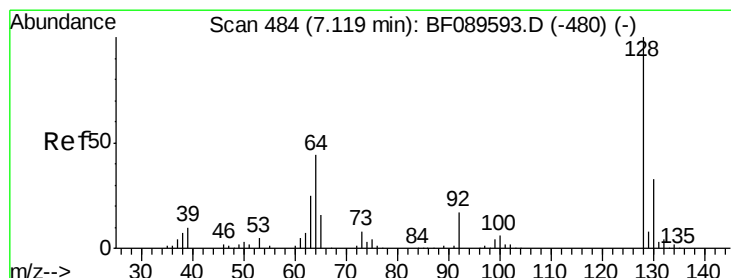
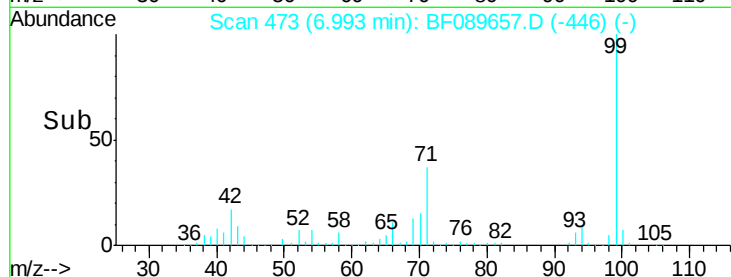
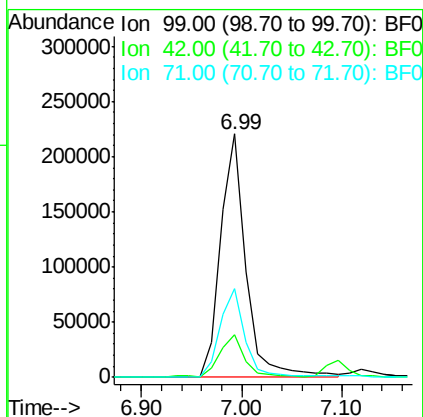
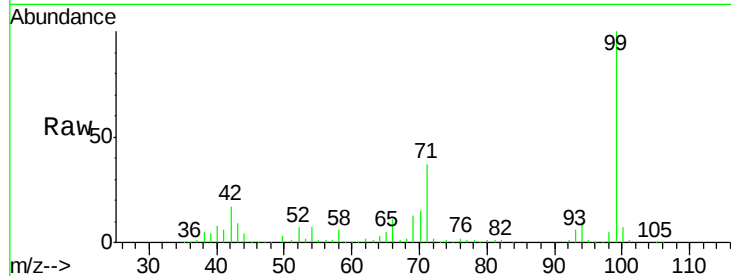
ClientSampleId :

SSTDCCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 385867 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.4  | 13.7  | 20.5   |
| 71        | 36.6  | 29.0  | 43.4   |

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#8

2-Chlorophenol

Concen: 39.55 ng

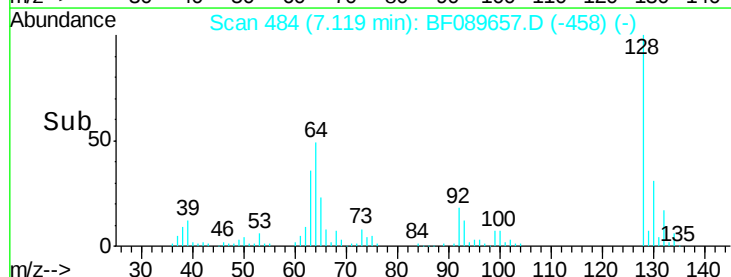
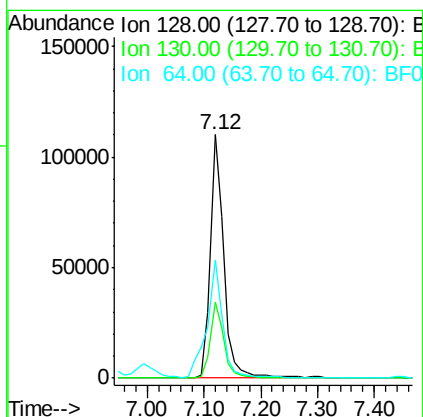
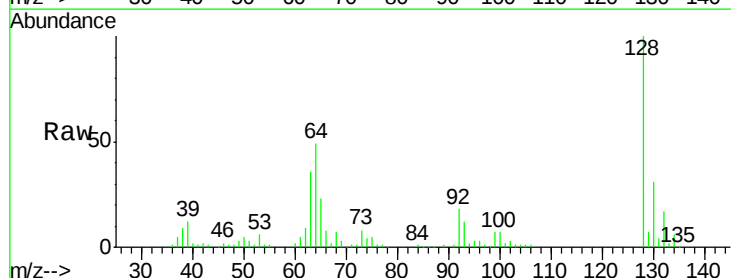
RT: 7.12 min Scan# 484

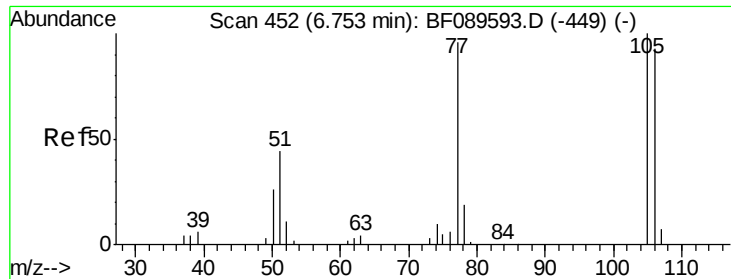
Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 176383 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.3  | 12.6  | 52.6   |
| 64        | 48.7  | 25.3  | 65.3   |





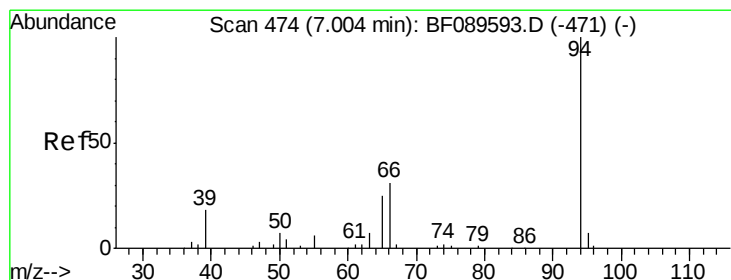
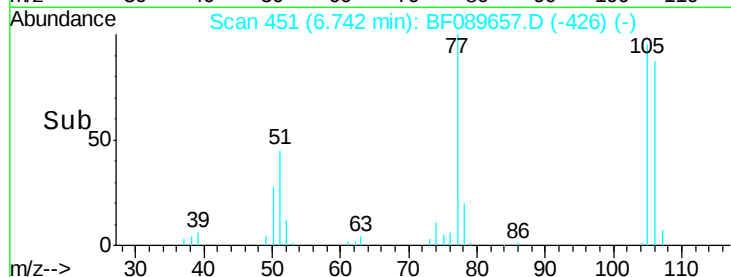
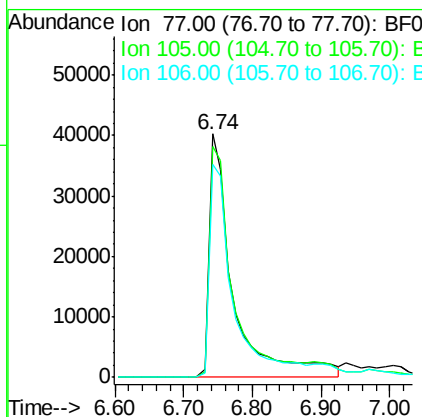
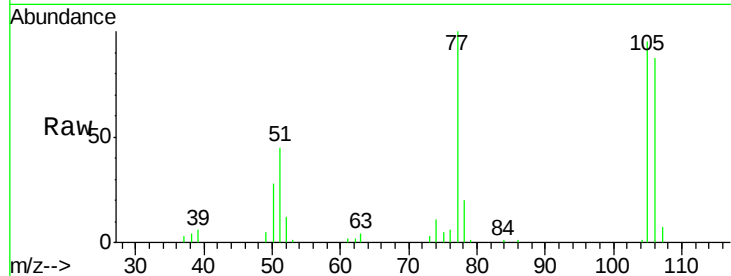
#9  
Benzaldehyde  
Concen: 55.50 ng  
RT: 6.74 min Scan# 451  
Delta R.T. -0.01 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 77 Resp: 99233  
Ion Ratio Lower Upper  
77 100  
105 94.7 84.7 124.7  
106 87.3 77.1 117.1

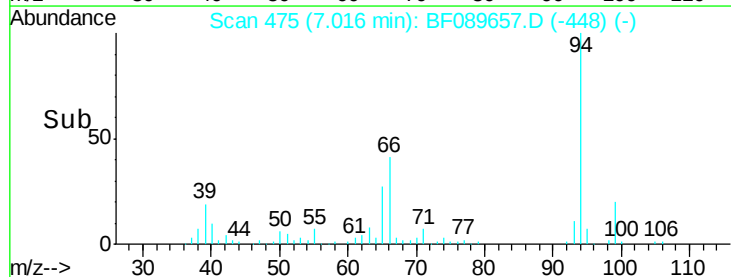
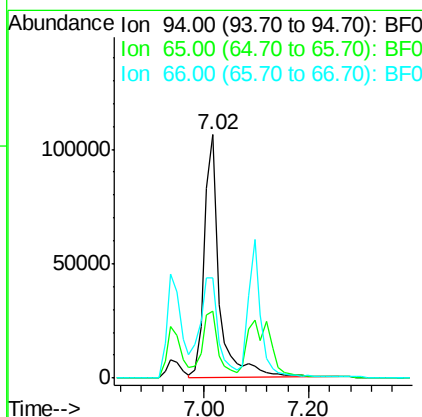
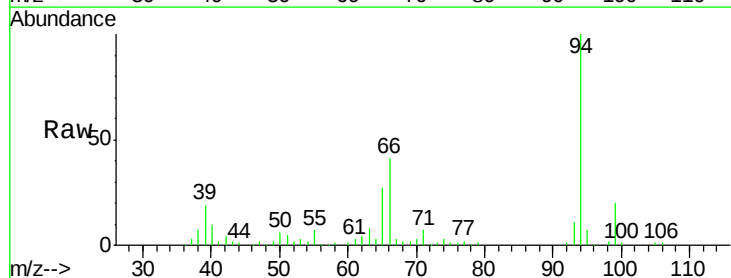
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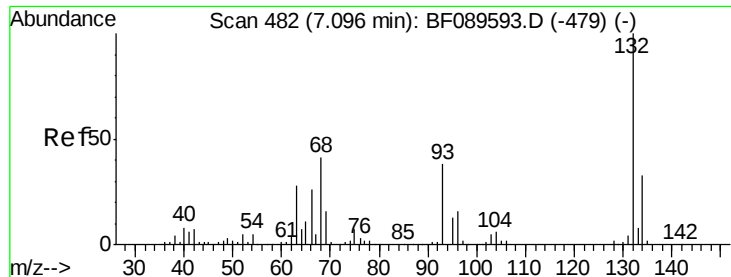
umangi  
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#10  
Phenol  
Concen: 41.58 ng  
RT: 7.02 min Scan# 475  
Delta R.T. 0.01 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Tgt Ion: 94 Resp: 210369  
Ion Ratio Lower Upper  
94 100  
65 27.4 11.0 51.0  
66 41.0 27.4 67.4





#11

bis(2-Chloroethyl)ether

Concen: 38.31 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 166536  
Ion Ratio Lower Upper

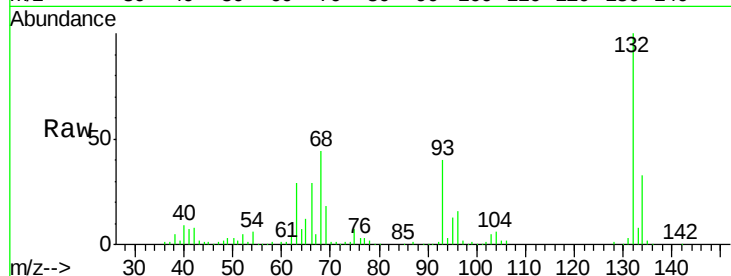
93 100

63 72.6 52.2 92.2

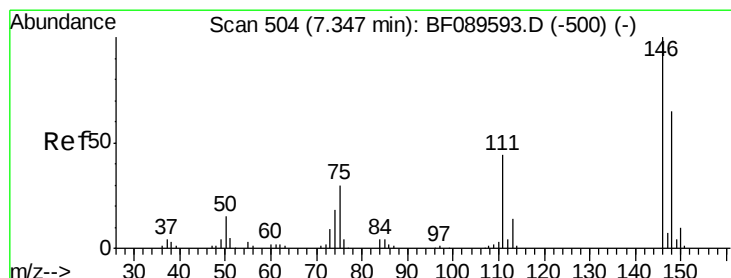
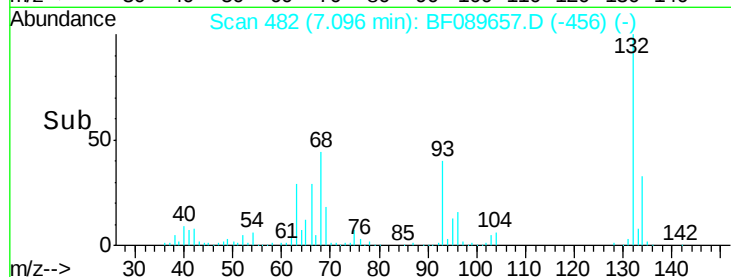
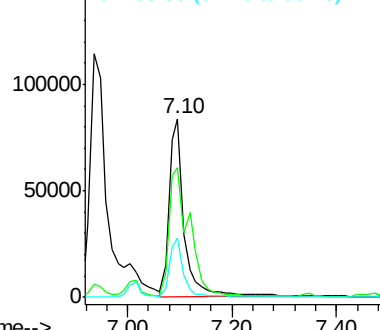
95 33.2 13.1 53.1

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Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.62 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF089657.D

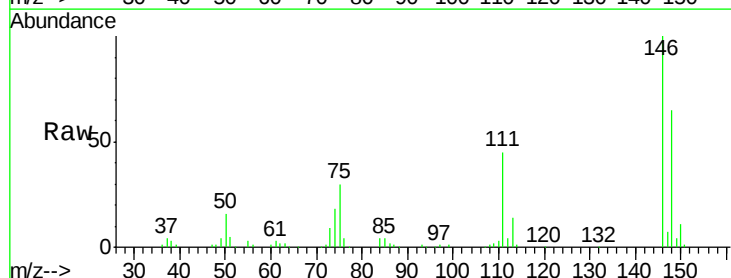
Acq: 6 Aug 2016 8:40

Tgt Ion: 146 Resp: 187073  
Ion Ratio Lower Upper

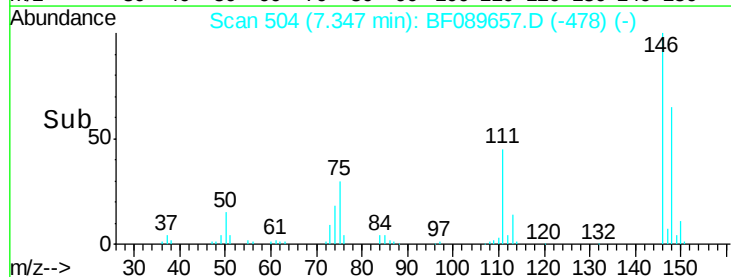
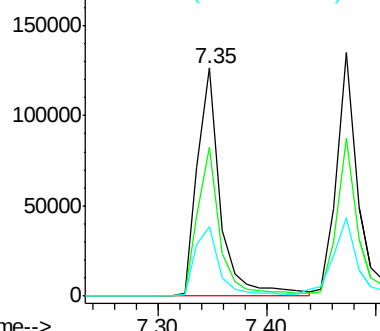
146 100

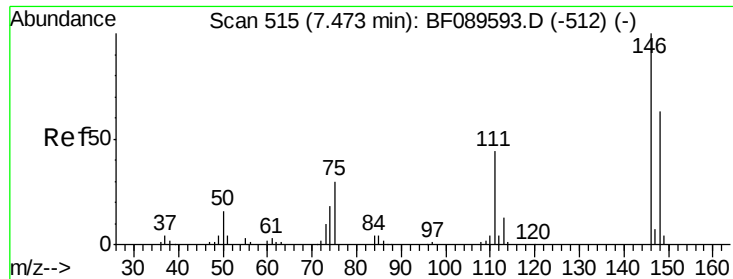
148 65.5 52.1 78.1

75 30.4 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0





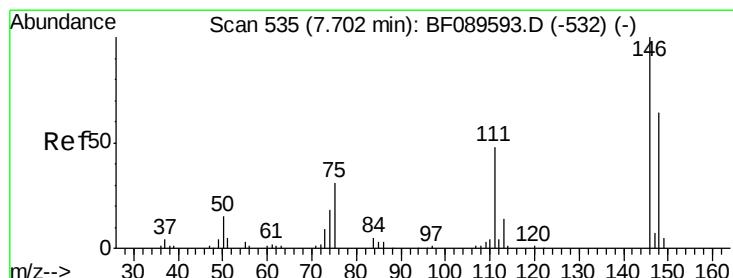
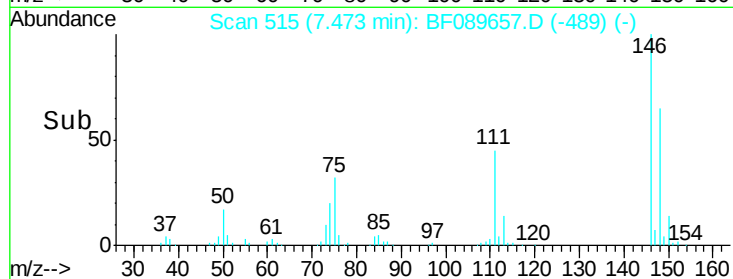
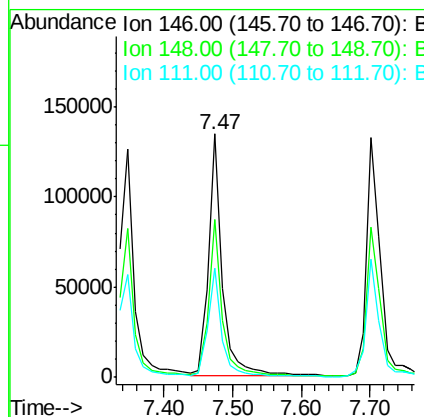
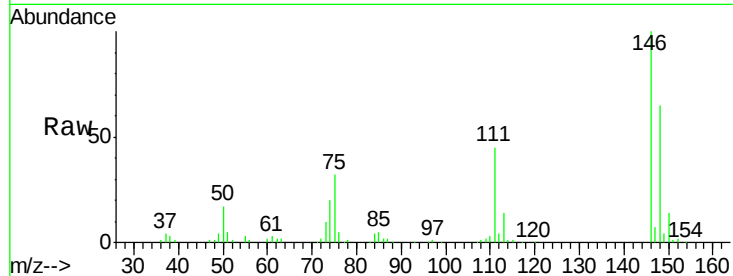
#13  
 1,4-Dichlorobenzene  
 Concen: 38.44 ng  
 RT: 7.47 min Scan# 515  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 185723 |       |       |
| 148     | 64.6  | 50.4   | 75.6  |       |
| 111     | 44.7  | 35.0   | 52.4  |       |

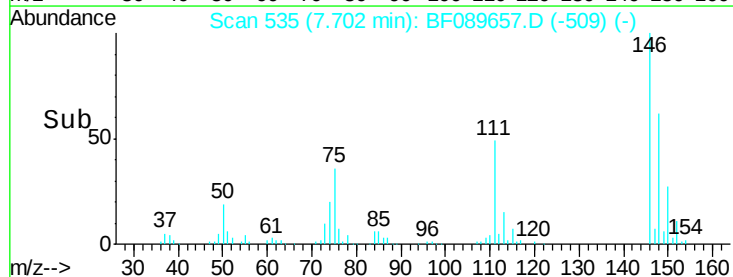
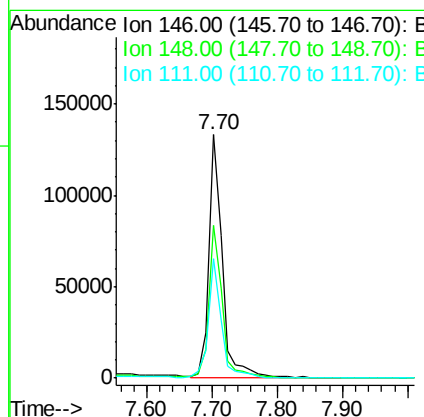
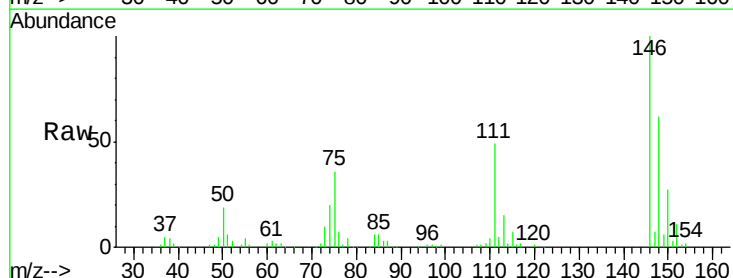
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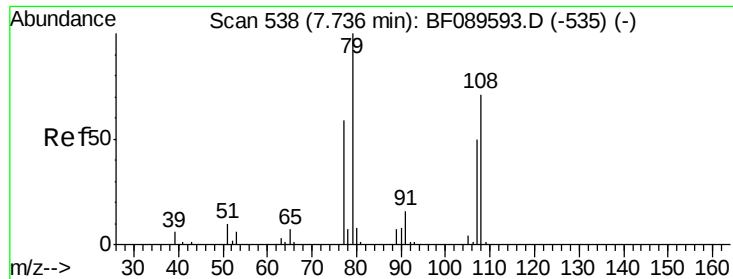
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.71 ng  
 RT: 7.70 min Scan# 535  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 186959 |       |       |
| 148     | 62.5  | 51.0   | 76.6  |       |
| 111     | 49.0  | 38.5   | 57.7  |       |





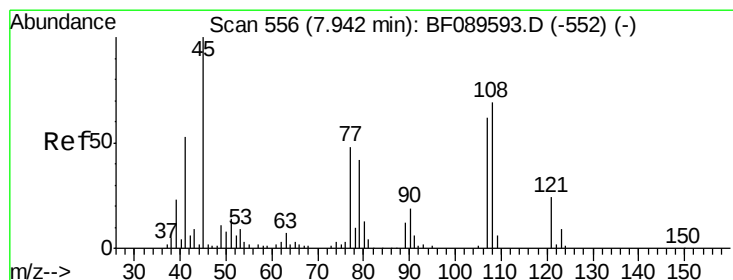
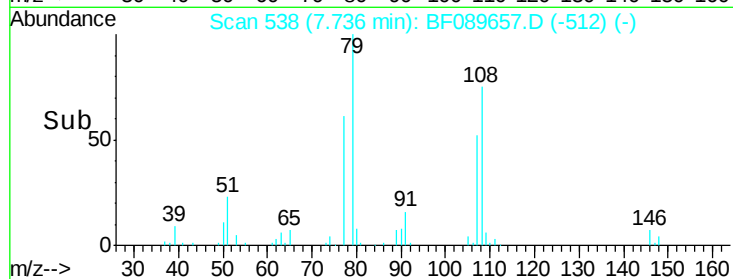
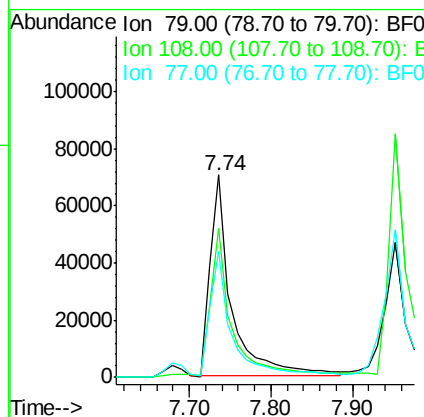
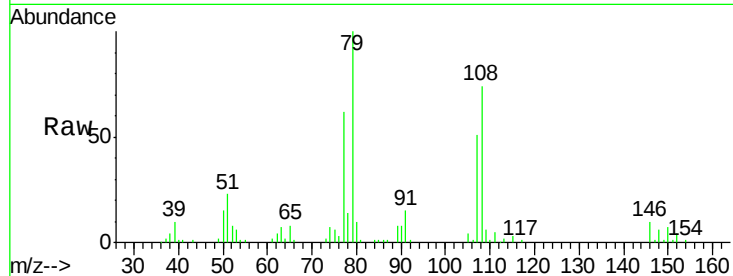
#15  
Benzyl Alcohol  
Concen: 41.14 ng  
RT: 7.74 min Scan# 538  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 132953 |       |       |
| 108     | 73.7  | 58.3   | 87.5  |       |
| 77      | 62.4  | 48.7   | 73.1  |       |

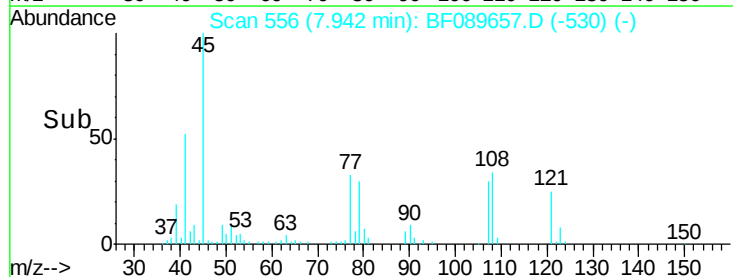
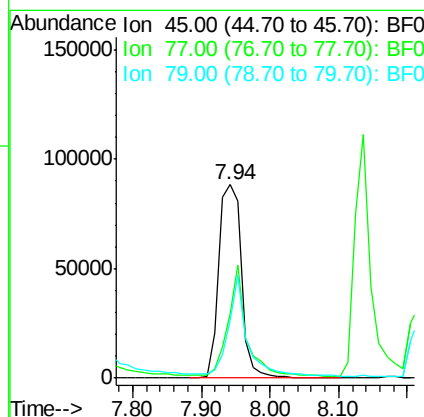
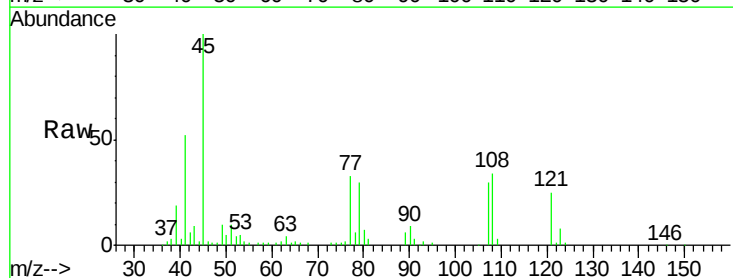
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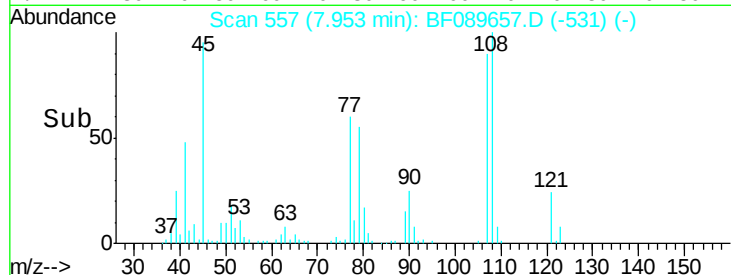
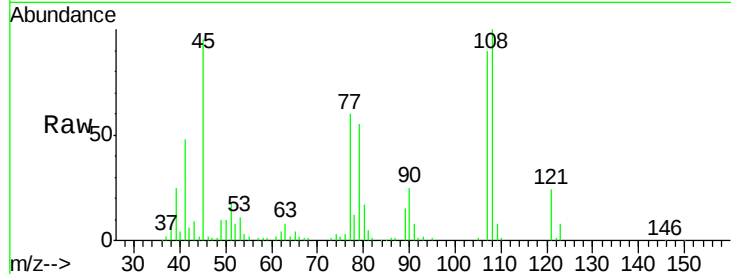
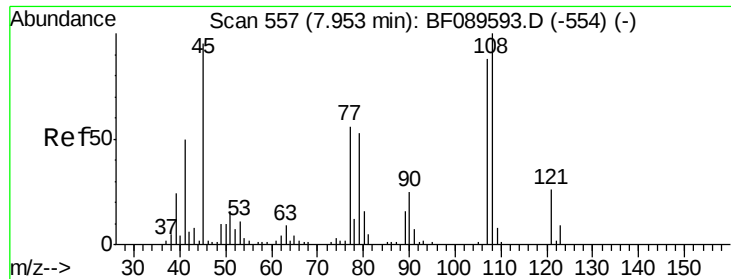
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.32 ng  
RT: 7.94 min Scan# 556  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 206604 |       |       |
| 77      | 33.2  | 30.1   | 70.1  |       |
| 79      | 29.8  | 25.5   | 65.5  |       |





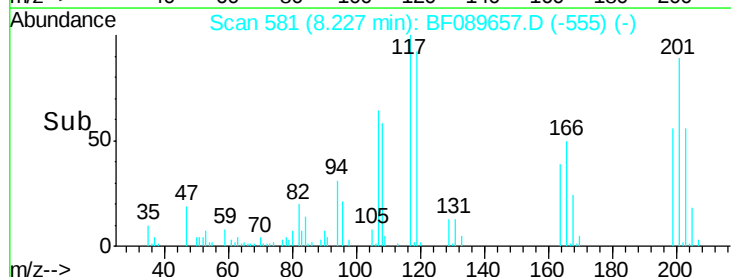
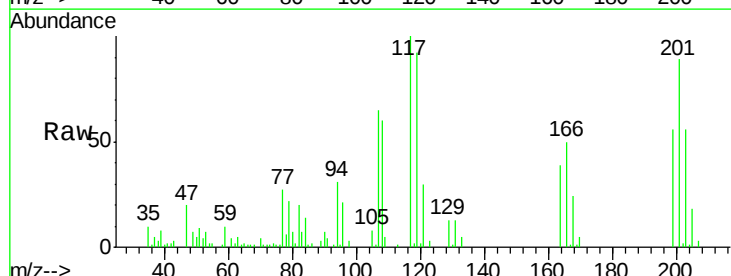
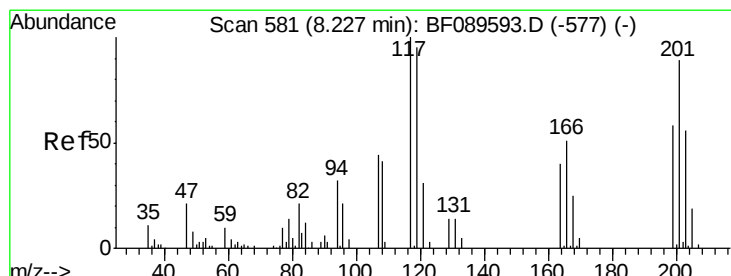
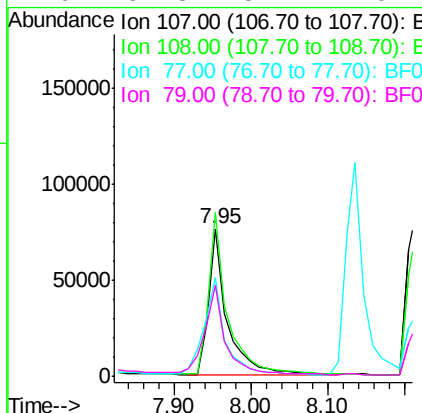
#17  
2-Methylphenol  
Concen: 39.62 ng  
RT: 7.95 min Scan# 557  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 127618 |       |       |
| 108     | 110.8 | 91.2   | 136.8 |       |
| 77      | 66.9  | 54.6   | 82.0  |       |
| 79      | 61.3  | 52.7   | 79.1  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

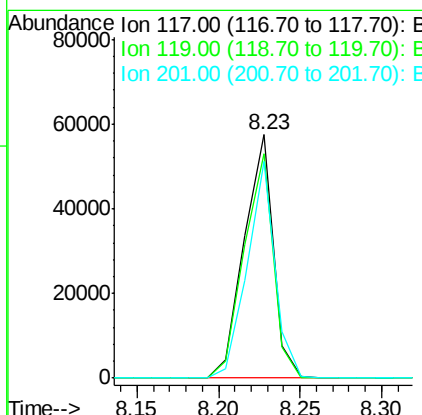
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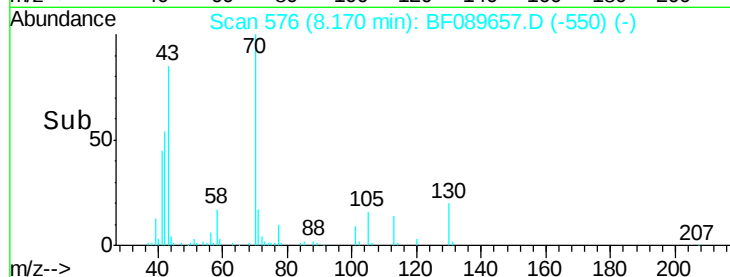
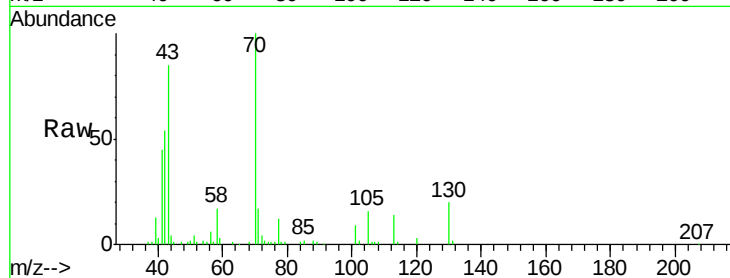
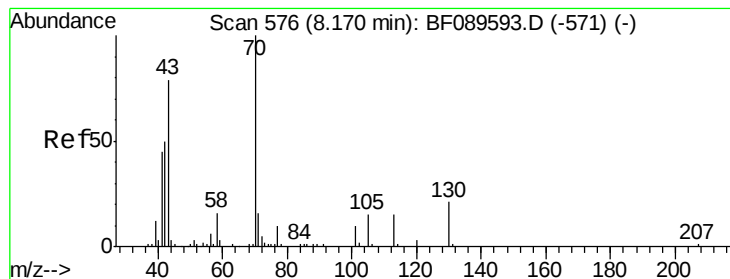
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#18  
Hexachloroethane  
Concen: 34.87 ng  
RT: 8.23 min Scan# 581  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 71006 |       |       |
| 119     | 92.1  | 75.7  | 113.5 |       |
| 201     | 89.0  | 71.6  | 107.4 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 38.07 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

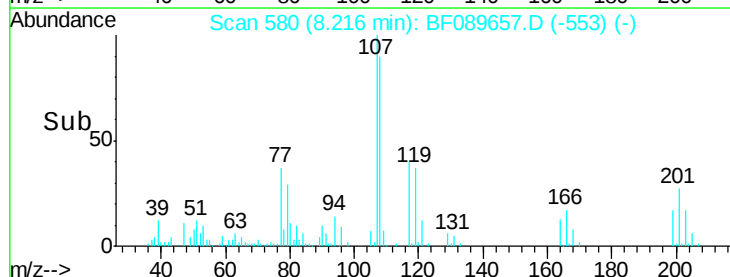
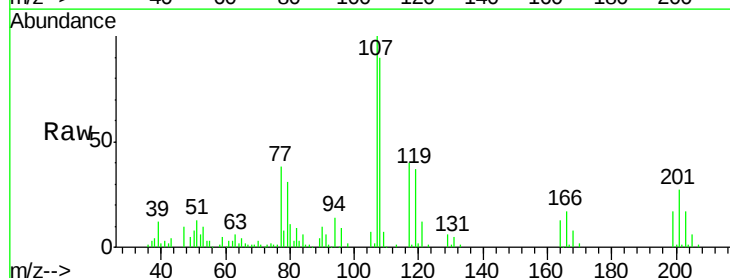
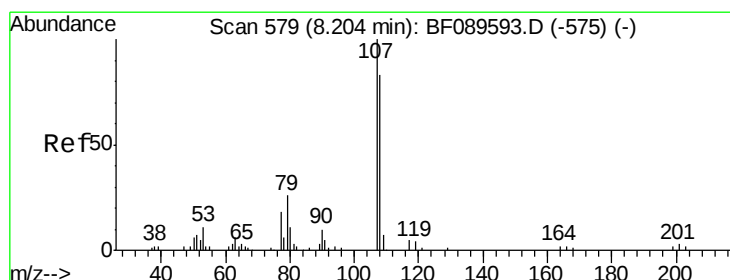
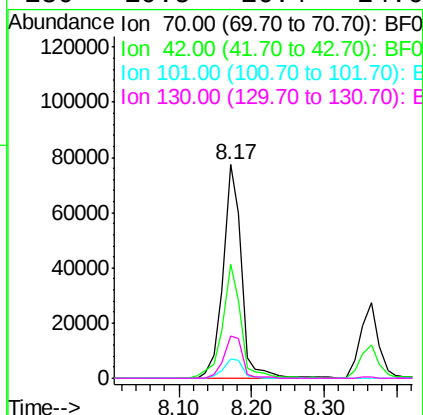
ClientSampleId :

SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.5  | 40.2  | 60.2  |
| 101     | 9.1   | 7.8   | 11.6  |
| 130     | 19.5  | 16.4  | 24.6  |

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#20

3+4-Methylphenols

Concen: 41.77 ng

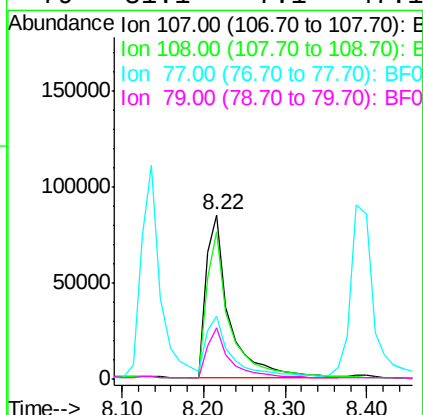
RT: 8.22 min Scan# 580

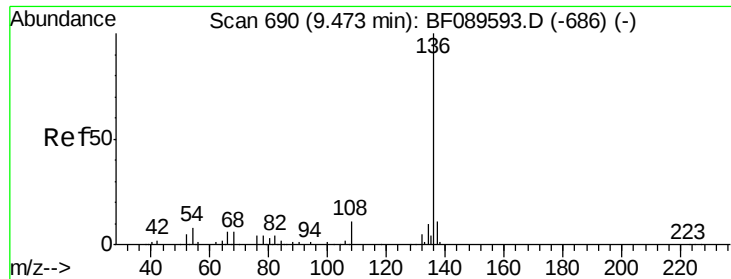
Delta R.T. 0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.2  | 63.8  | 103.8 |
| 77      | 38.2  | 19.5  | 59.5  |
| 79      | 31.1  | 7.1   | 47.1  |





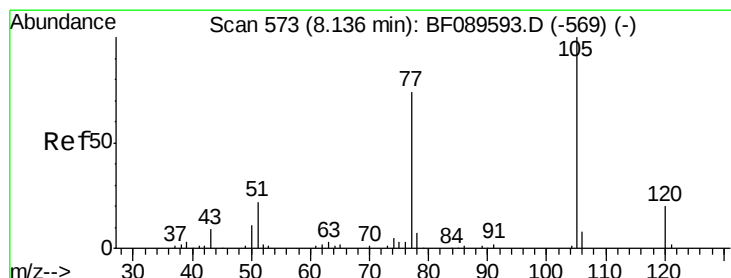
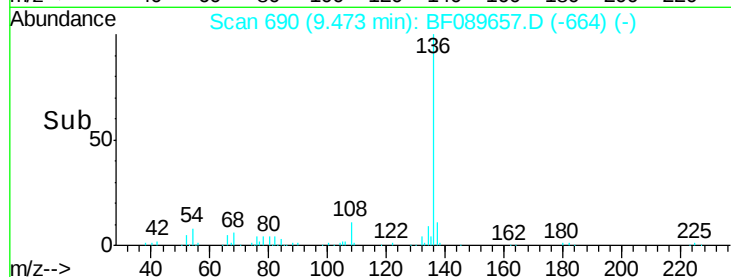
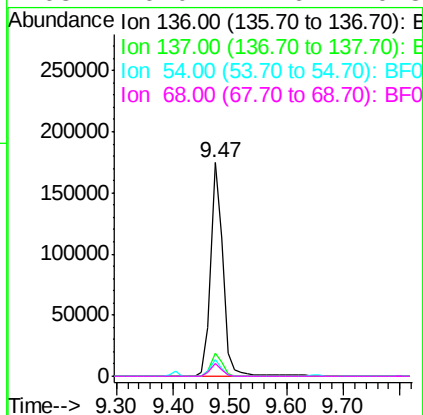
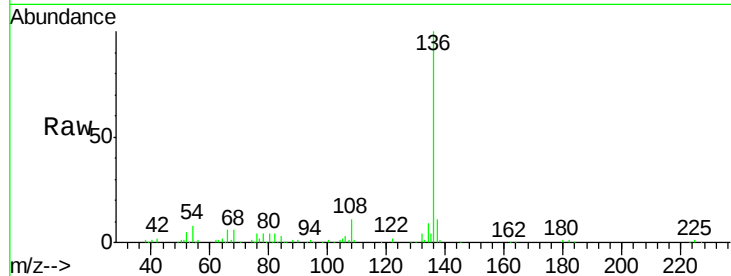
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.47 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 252004 |       |       |
| 137     | 10.8  | 8.6    | 12.8  |       |
| 54      | 8.0   | 6.0    | 9.0   |       |
| 68      | 6.0   | 4.6    | 6.8   |       |

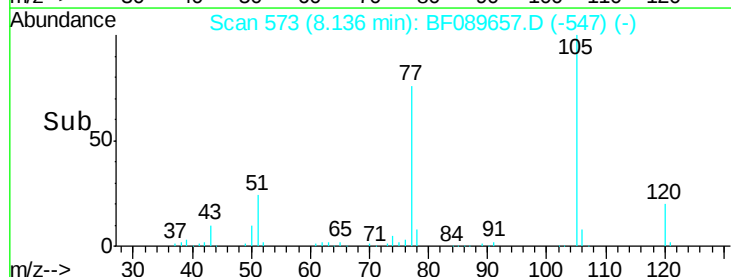
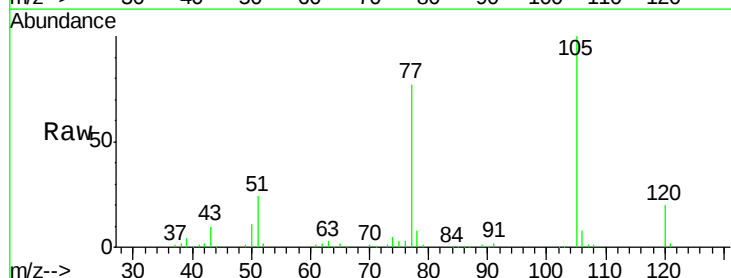
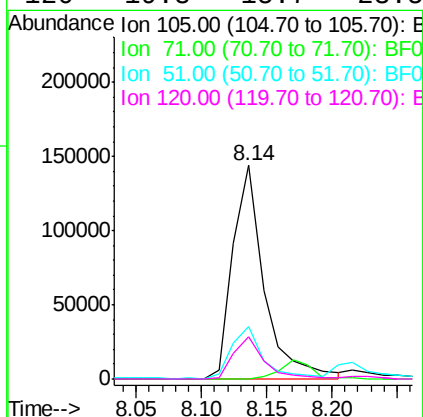
Manual Integrations  
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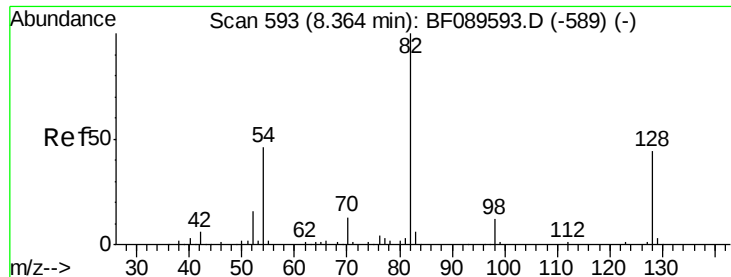
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#22  
Acetophenone  
Concen: 40.14 ng  
RT: 8.14 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 241155 |       |       |
| 71      | 0.2   | 0.0    | 0.0#  |       |
| 51      | 24.3  | 18.2   | 27.2  |       |
| 120     | 19.8  | 15.7   | 23.5  |       |





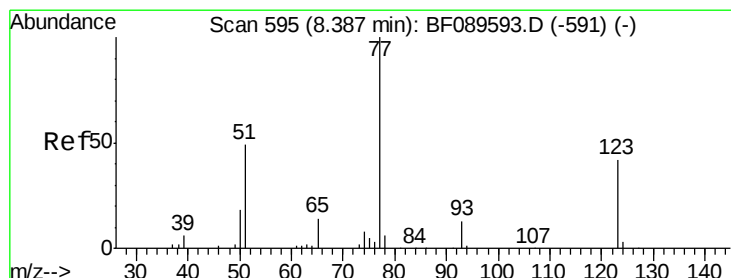
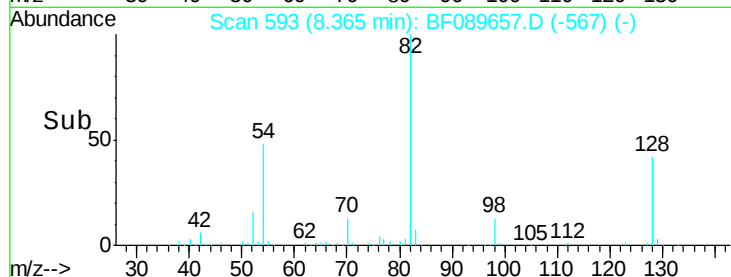
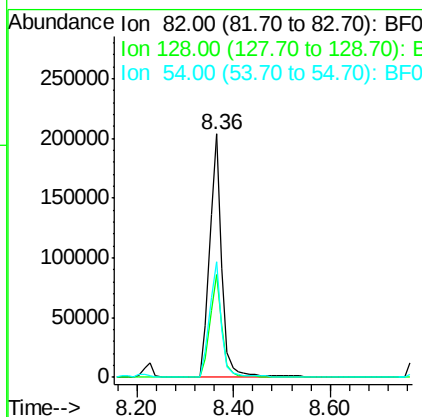
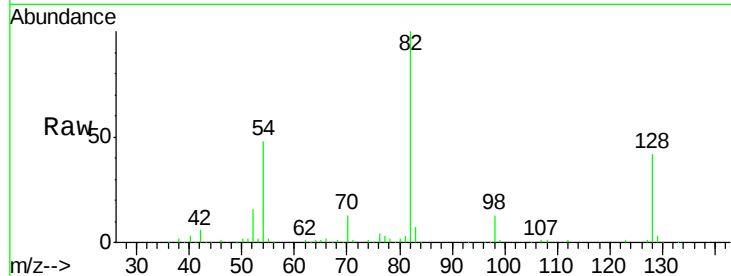
#23  
Nitrobenzene-d5  
Concen: 80.01 ng  
RT: 8.36 min Scan# 593  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleID :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.4  | 35.4  | 53.0  |
| 54      | 47.7  | 36.4  | 54.6  |

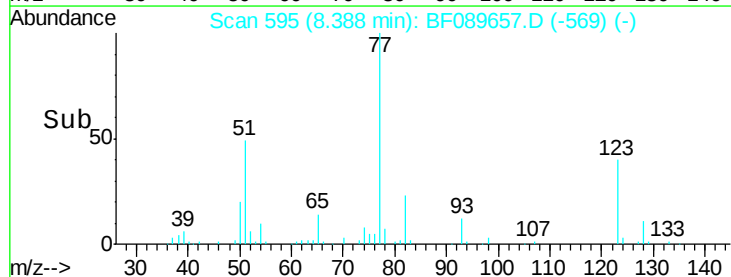
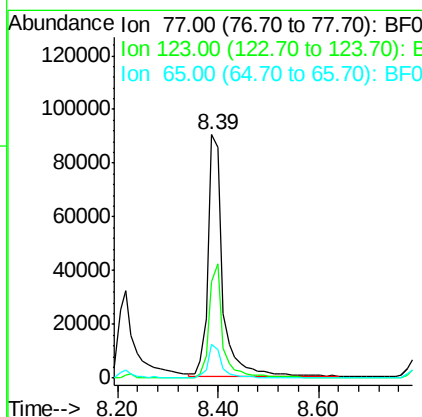
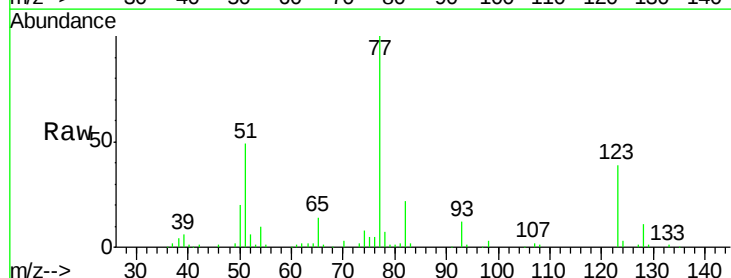
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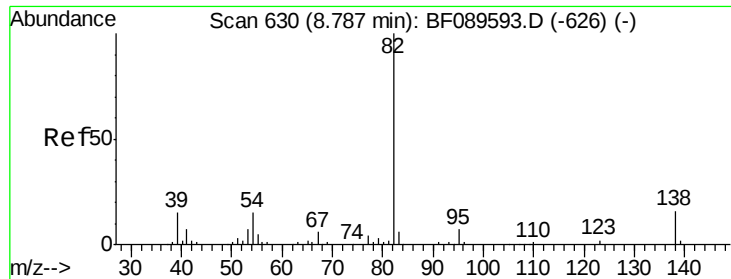
umangi  
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#24  
Nitrobenzene  
Concen: 41.66 ng  
RT: 8.39 min Scan# 595  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.5  | 32.6  | 49.0  |
| 65      | 13.8  | 11.0  | 16.6  |





#25

Isophorone

Concen: 37.84 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 330134  
Ion Ratio Lower Upper

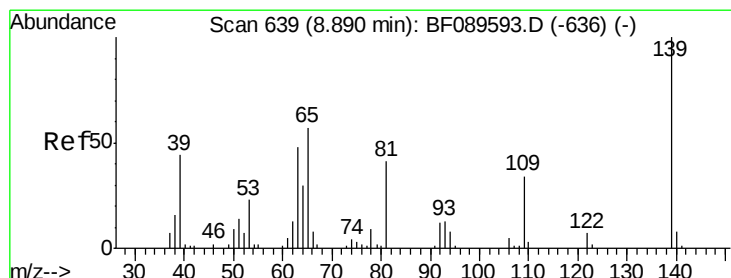
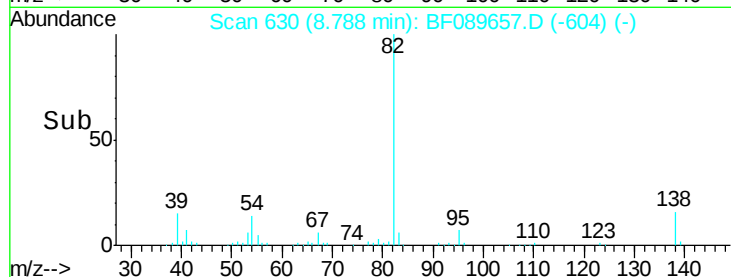
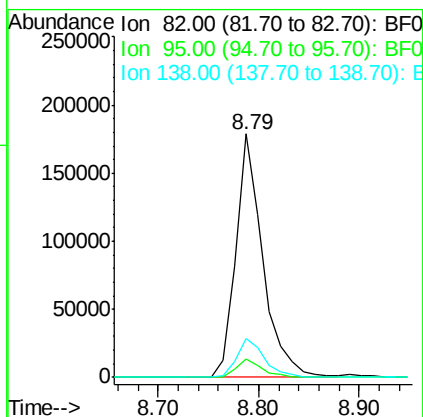
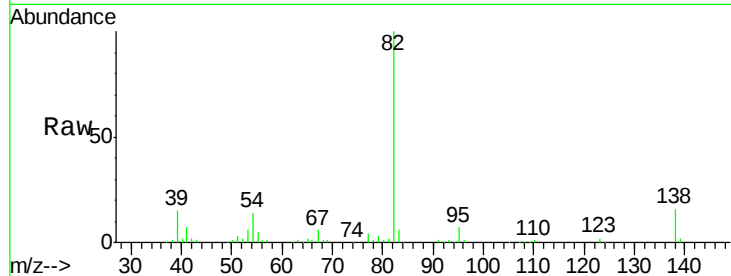
82 100

95 7.3 5.8 8.8

138 15.9 12.6 18.8

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#26

2-Nitrophenol

Concen: 42.10 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089657.D

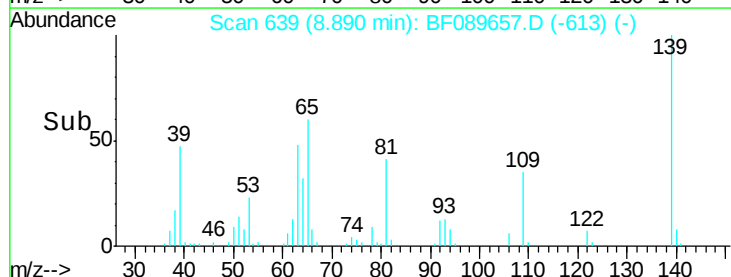
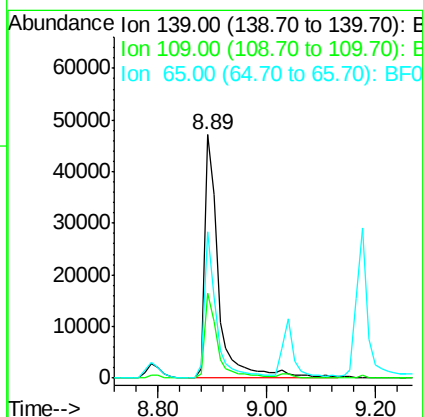
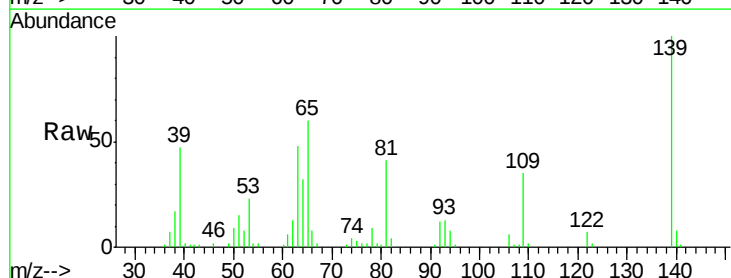
Acq: 6 Aug 2016 8:40

Tgt Ion: 139 Resp: 83599  
Ion Ratio Lower Upper

139 100

109 34.8 27.5 41.3

65 60.2 45.7 68.5





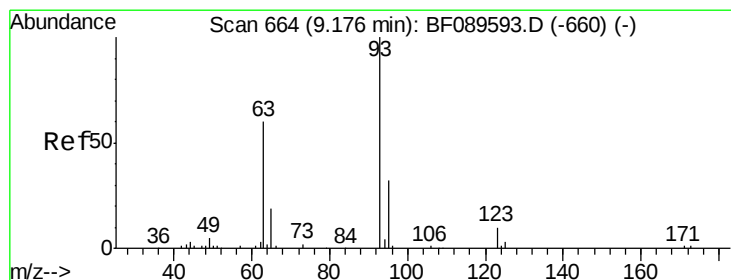
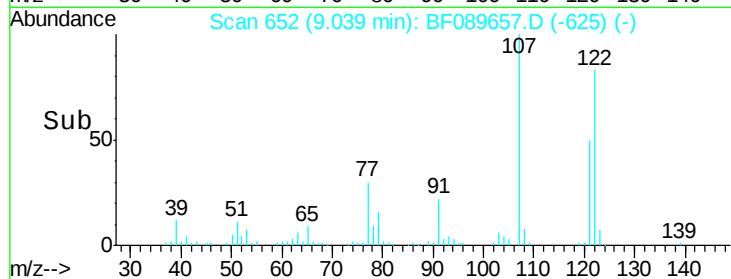
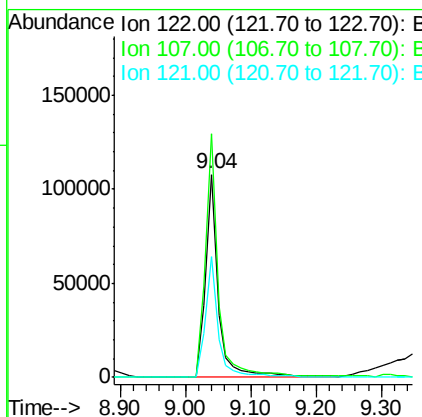
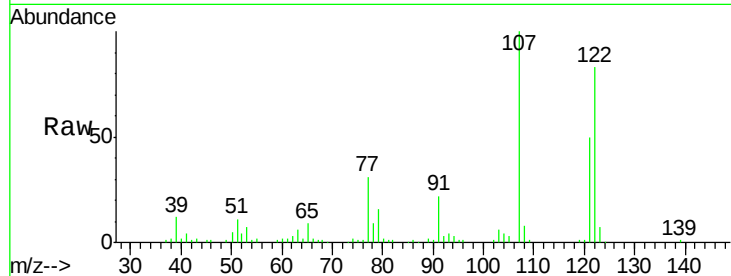
#27  
 2,4-Dimethylphenol  
 Concen: 41.82 ng  
 RT: 9.04 min Scan# 652  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 149303 |       |       |
| 107     | 119.8 | 99.5   | 149.3 |       |
| 121     | 59.6  | 48.5   | 72.7  |       |

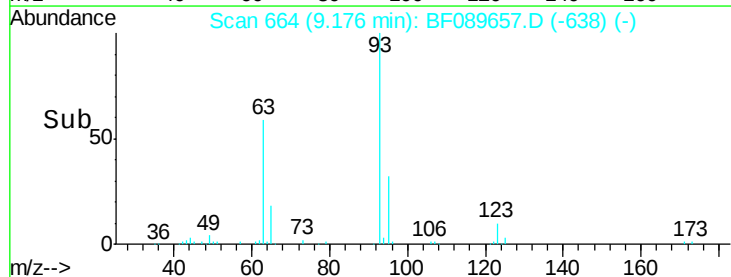
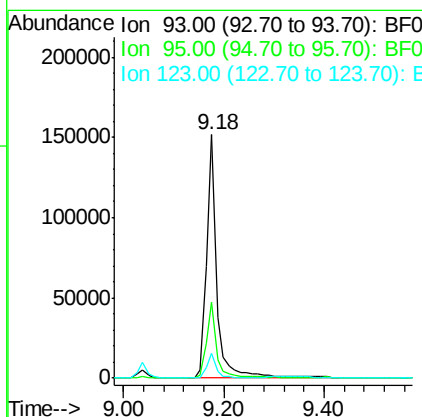
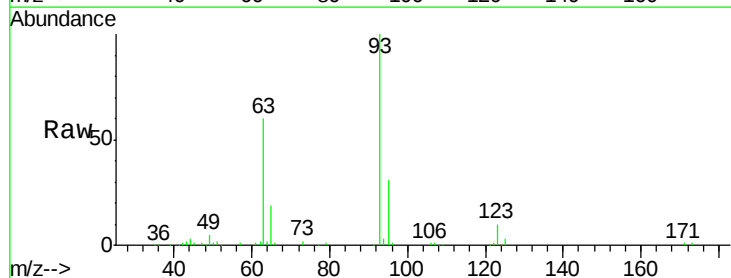
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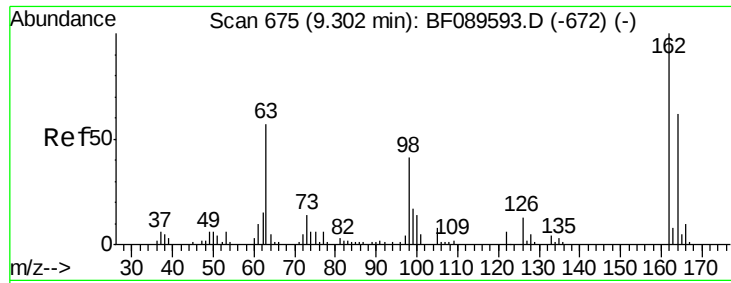
umangi  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.28 ng  
 RT: 9.18 min Scan# 664  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 217889 |       |       |
| 95      | 31.4  | 25.8   | 38.8  |       |
| 123     | 10.0  | 8.0    | 12.0  |       |





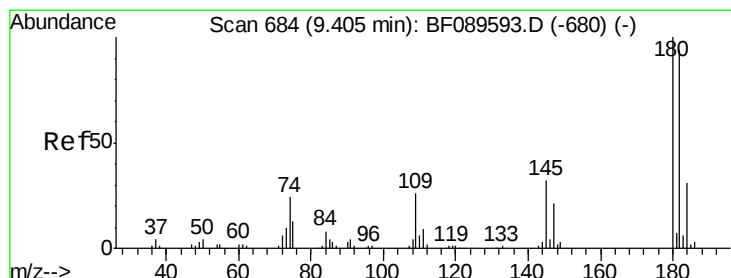
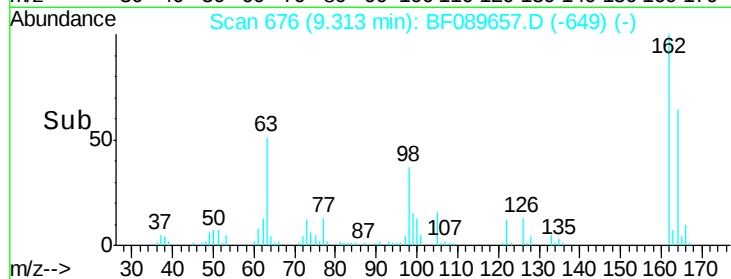
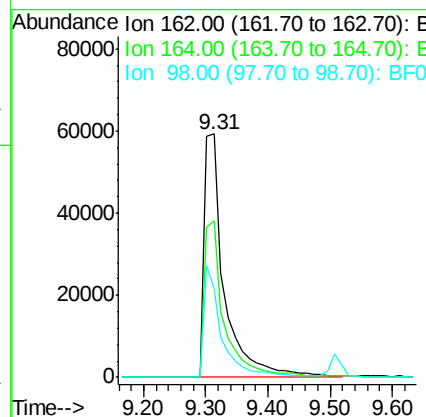
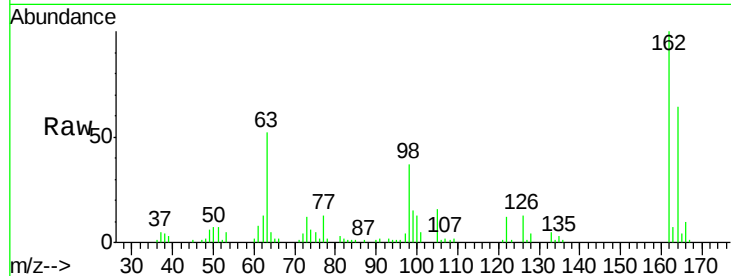
#29  
 2,4-Dichlorophenol  
 Concen: 39.70 ng  
 RT: 9.31 min Scan# 676  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.1  | 42.3       | 82.3       |
| 98      | 36.7  | 21.2       | 61.2       |

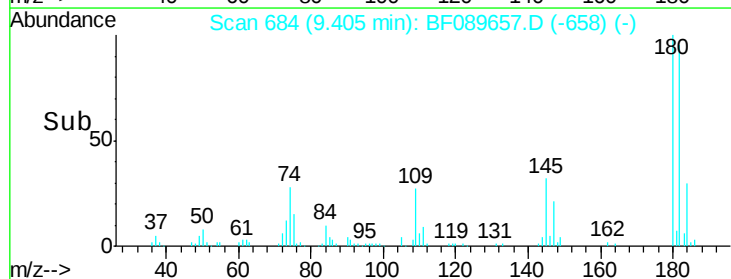
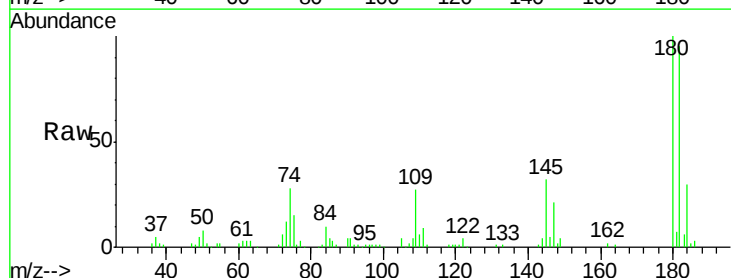
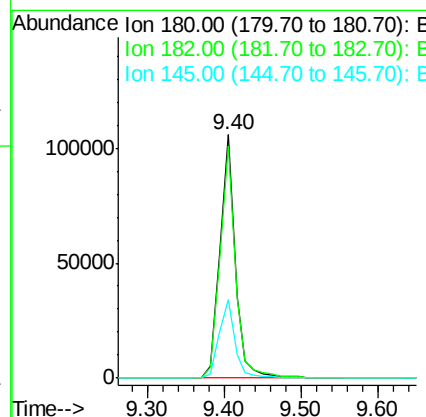
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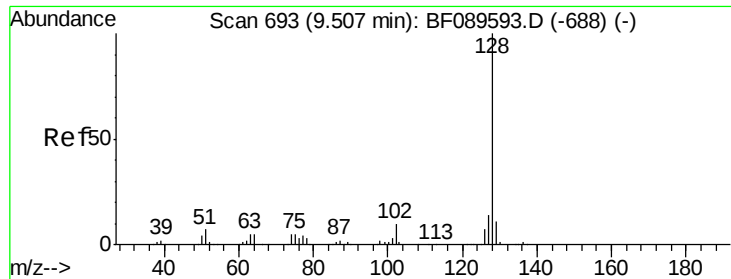
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.70 ng  
 RT: 9.40 min Scan# 684  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.1  | 75.0       | 112.6      |
| 145     | 32.3  | 25.6       | 38.4       |





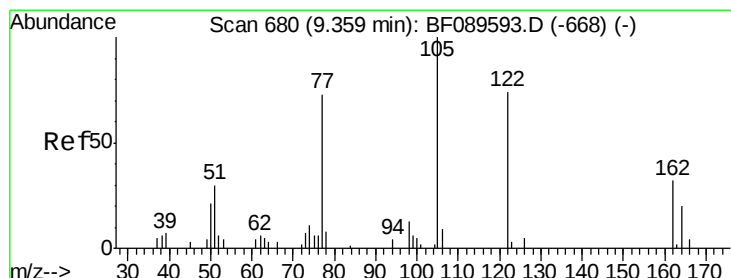
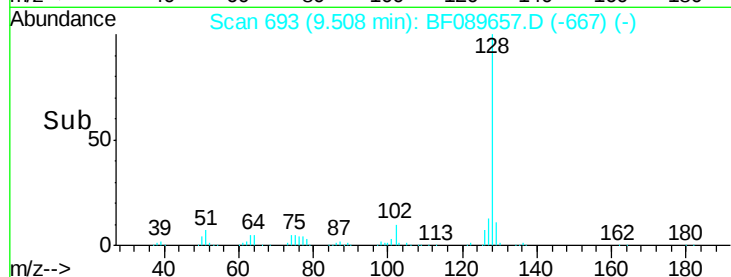
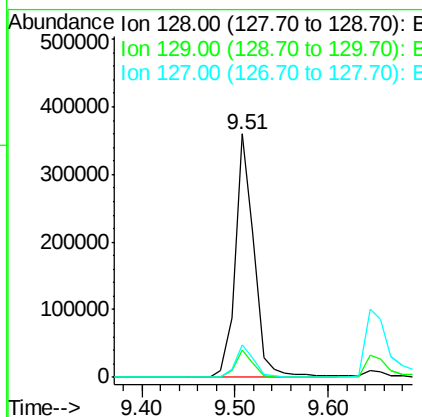
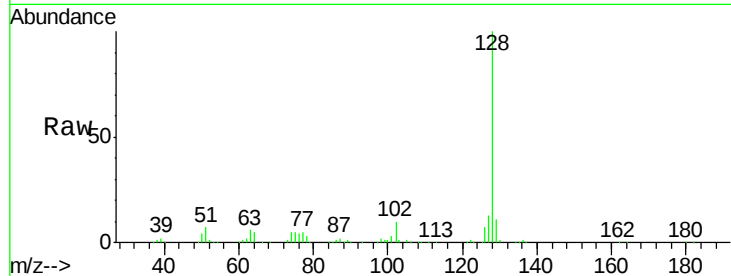
#31  
Naphthalene  
Concen: 37.78 ng  
RT: 9.51 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.2  | 8.7        | 13.1       |
| 127     | 13.4  | 10.9       | 16.3       |

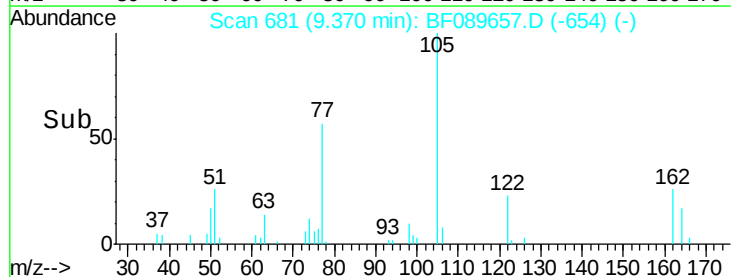
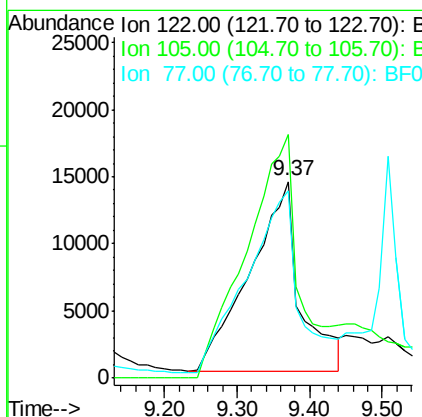
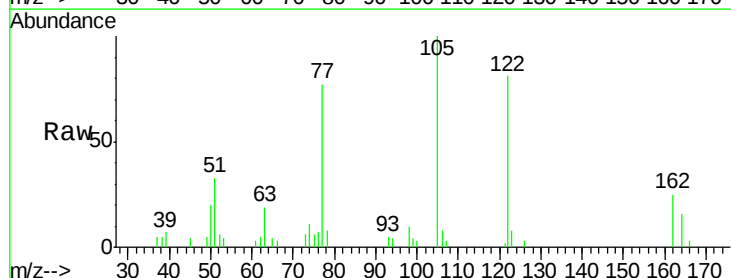
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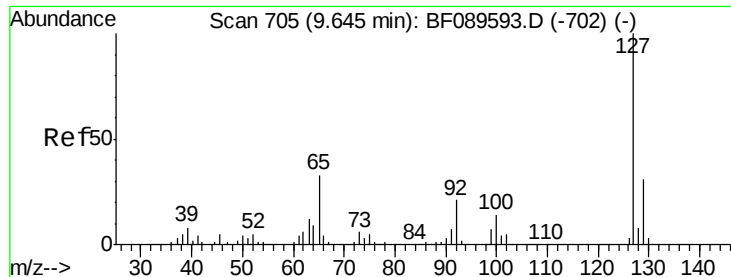
umangi  
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#32  
Benzoic acid  
Concen: 30.38 ng  
RT: 9.37 min Scan# 681  
Delta R.T. 0.01 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 124.0 | 109.9      | 149.9      |
| 77      | 95.7  | 77.5       | 117.5      |





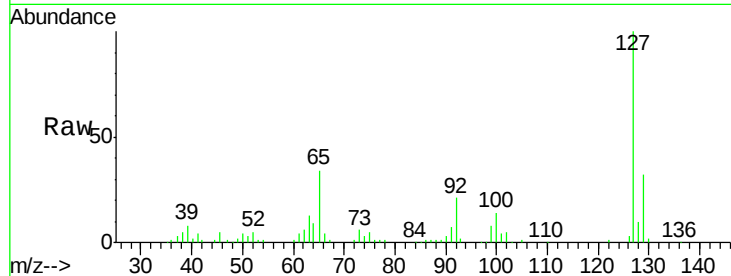
#33  
 4-Chloroaniline  
 Concen: 40.87 ng  
 RT: 9.64 min Scan# 705  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

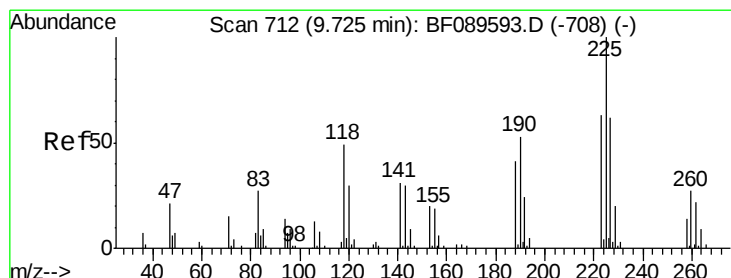
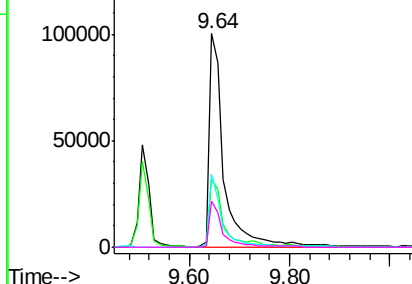
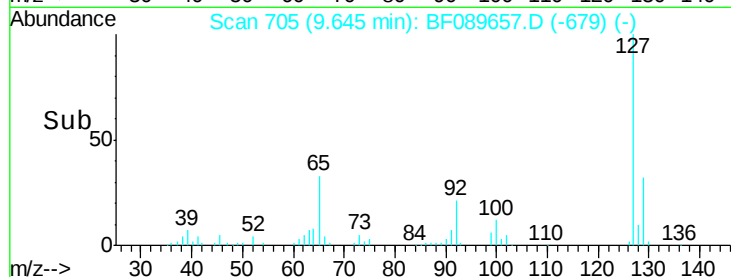
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 205594 |       |       |
| 129     | 31.9  | 25.1   | 37.7  |       |
| 65      | 34.3  | 26.2   | 39.2  |       |
| 92      | 21.5  | 16.9   | 25.3  |       |

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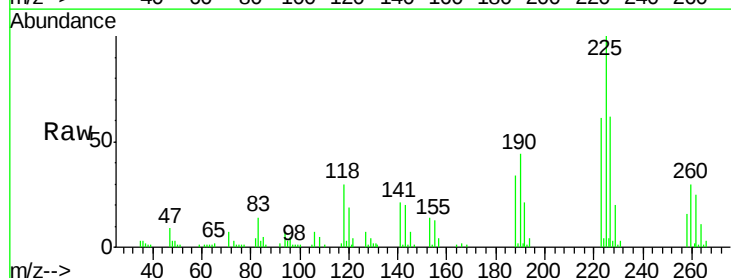


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0

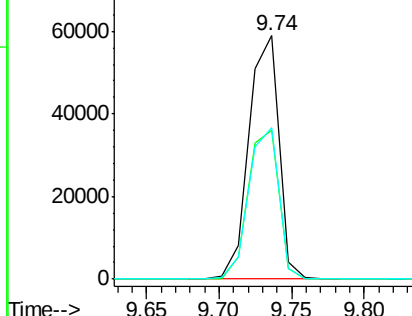
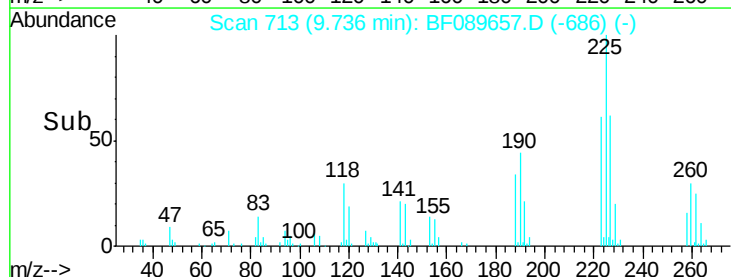


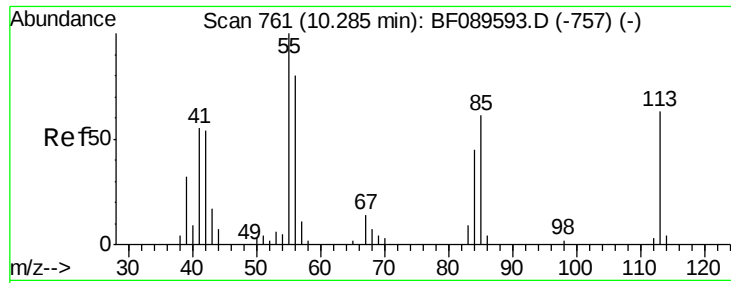
#34  
 Hexachlorobutadiene  
 Concen: 37.95 ng  
 RT: 9.74 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 84330 |       |       |
| 223     | 61.0  | 50.7  | 76.1  |       |
| 227     | 62.1  | 49.4  | 74.0  |       |



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





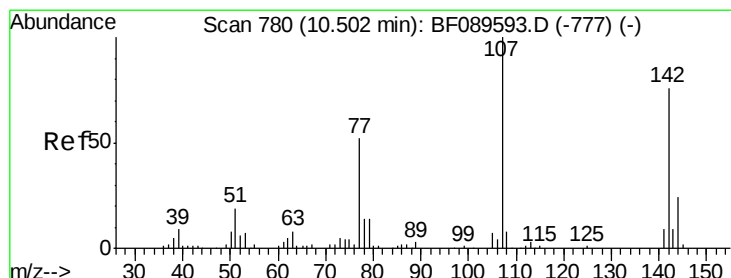
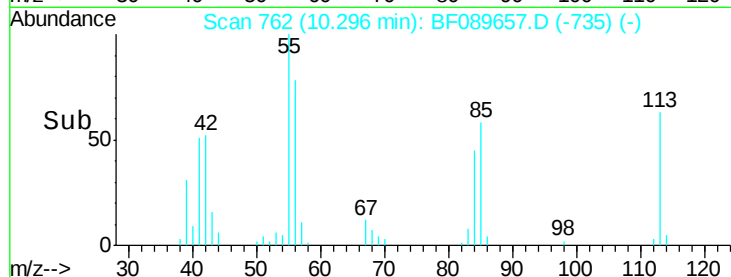
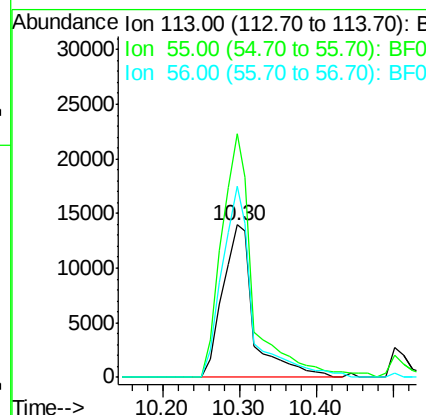
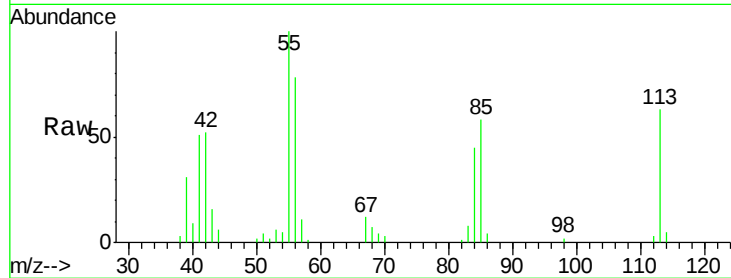
#35  
 Caprolactam  
 Concen: 40.83 ng  
 RT: 10.30 min Scan# 762  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:113 Resp: 40203  
 Ion Ratio Lower Upper  
 113 100  
 55 159.6 139.6 179.6  
 56 125.0 108.2 148.2

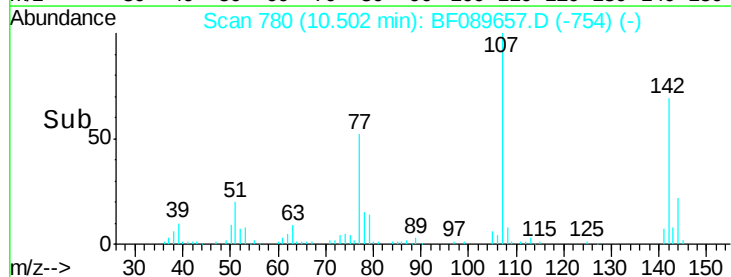
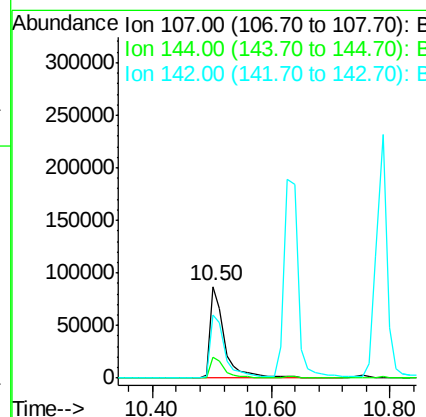
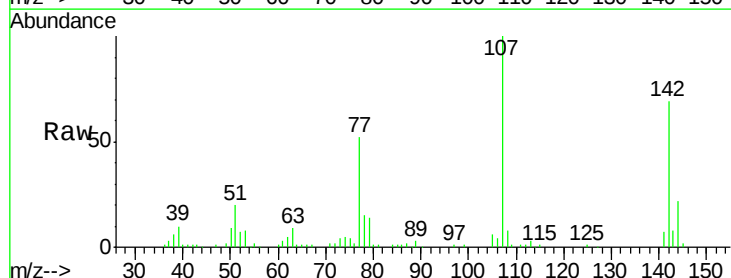
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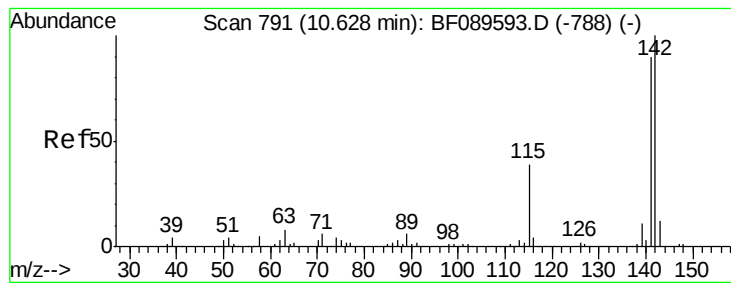
umangi  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.13 ng  
 RT: 10.50 min Scan# 780  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Tgt Ion:107 Resp: 149740  
 Ion Ratio Lower Upper  
 107 100  
 144 22.3 18.9 28.3  
 142 68.8 60.4 90.6





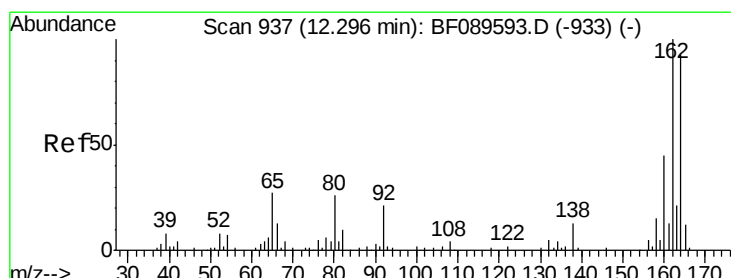
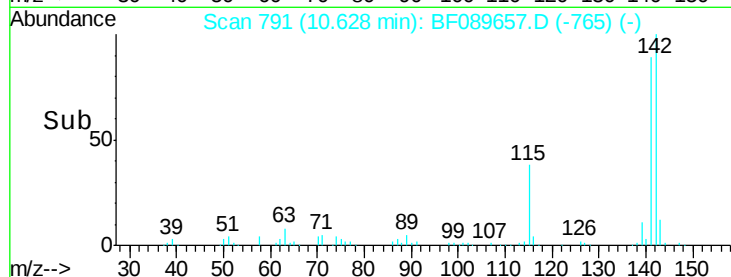
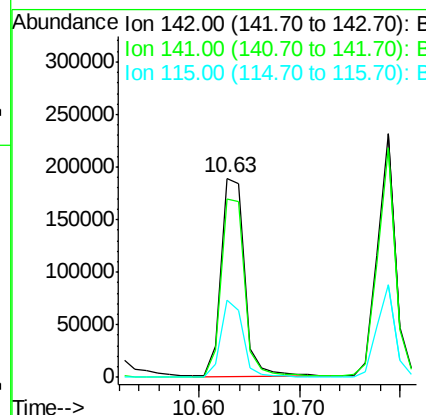
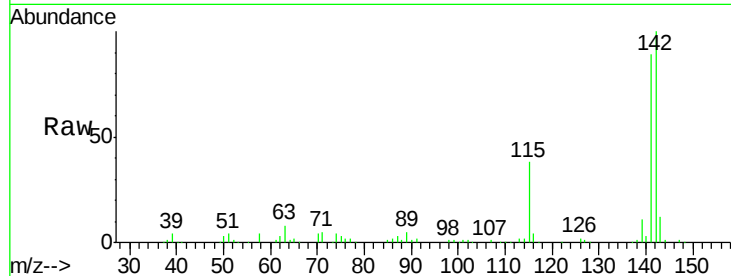
#37  
 2-Methylnaphthalene  
 Concen: 37.56 ng  
 RT: 10.63 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.8  | 107.6 |
| 115     | 38.5  | 31.0  | 46.4  |

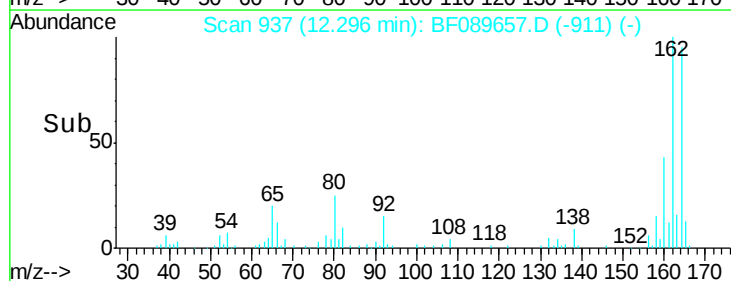
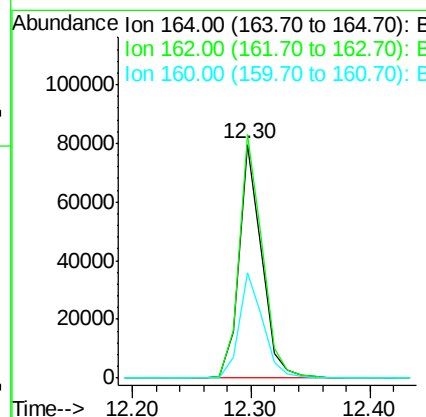
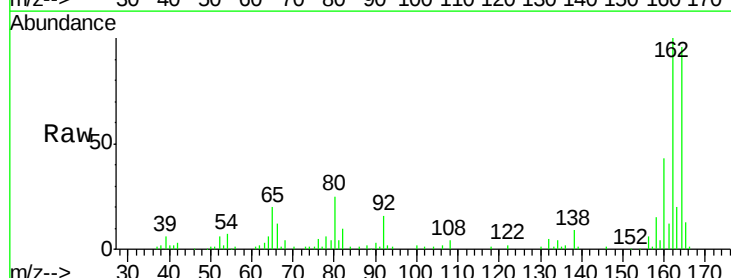
Manual Integrations  
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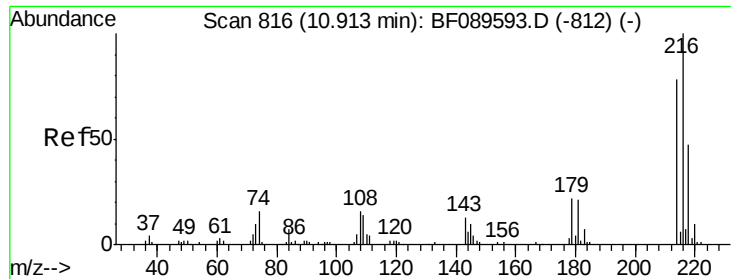
umangi  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.30 min Scan# 937  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 85.7  | 128.5 |
| 160     | 45.1  | 38.2  | 57.4  |





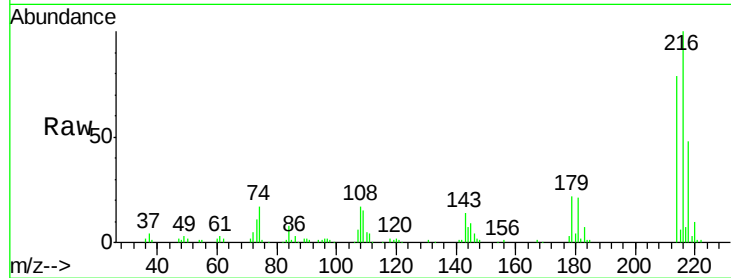
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.87 ng  
 RT: 10.91 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040EC

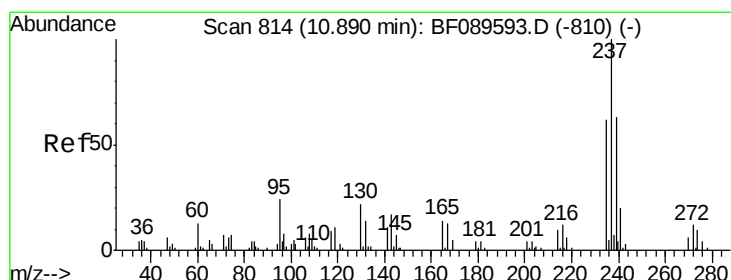
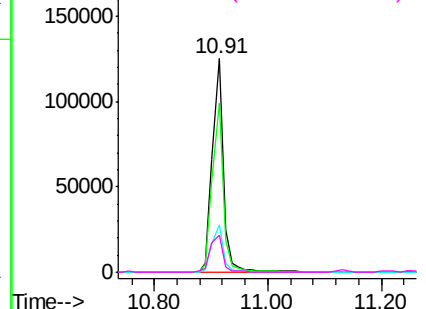
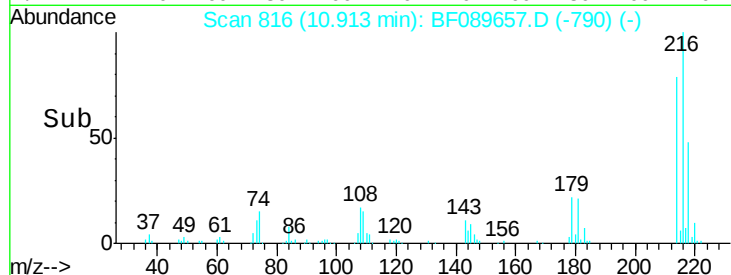
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 216     | 100   |            |            |
| 214     | 78.9  | 62.6       | 94.0       |
| 179     | 22.5  | 17.8       | 26.8       |
| 108     | 19.9  | 16.3       | 24.5       |

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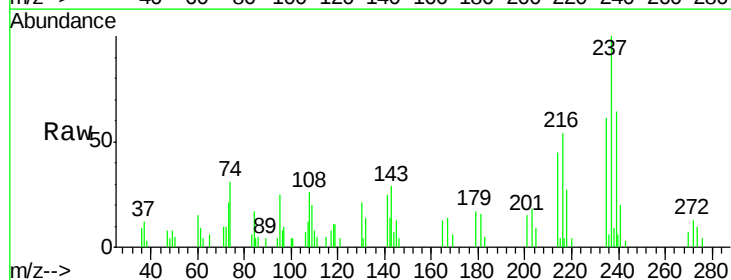


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

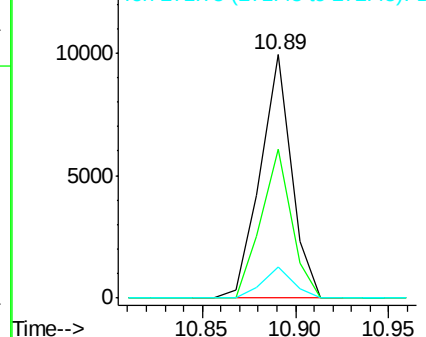
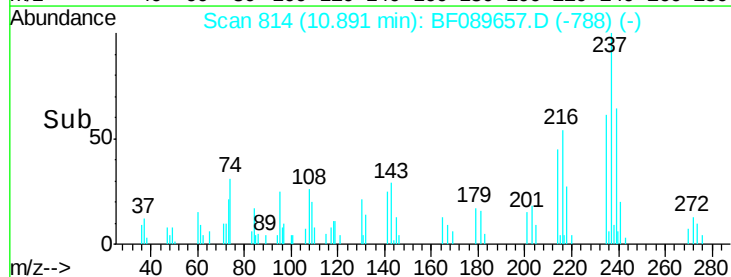


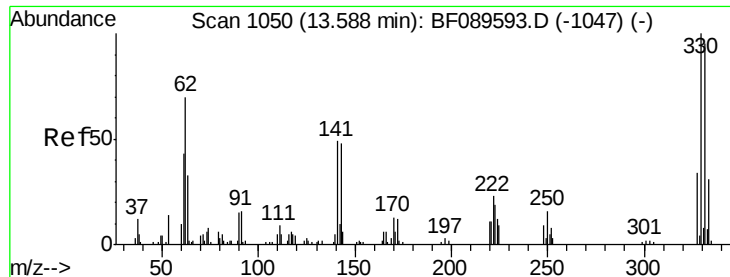
#40  
 Hexachlorocyclopentadiene  
 Concen: 16.42 ng  
 RT: 10.89 min Scan# 814  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 60.9  | 41.9       | 81.9       |
| 272     | 12.8  | 0.0        | 32.4       |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





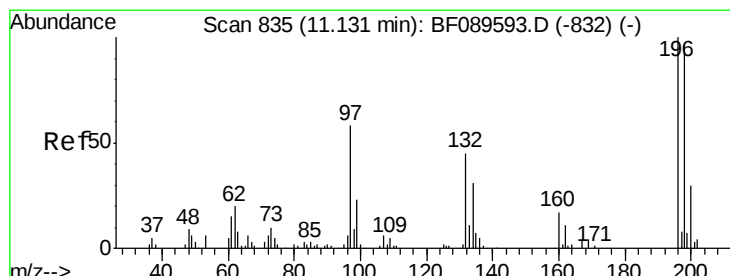
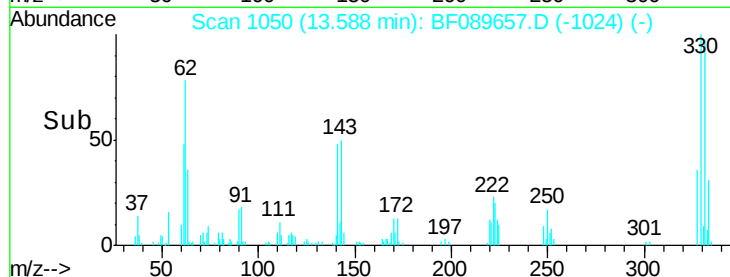
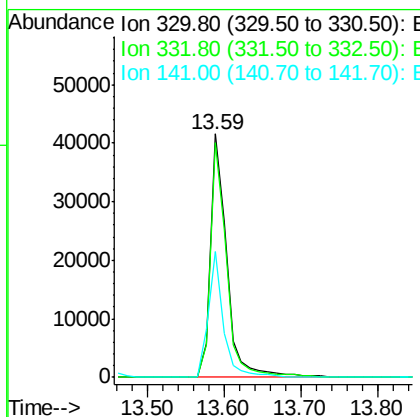
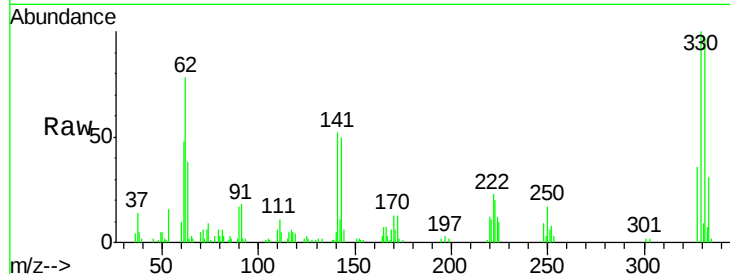
#41  
 2,4,6-Tribromophenol  
 Concen: 69.52 ng  
 RT: 13.59 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 60879 |       |       |
| 332     | 95.3  | 77.0  | 115.6 |       |
| 141     | 47.9  | 38.6  | 57.8  |       |

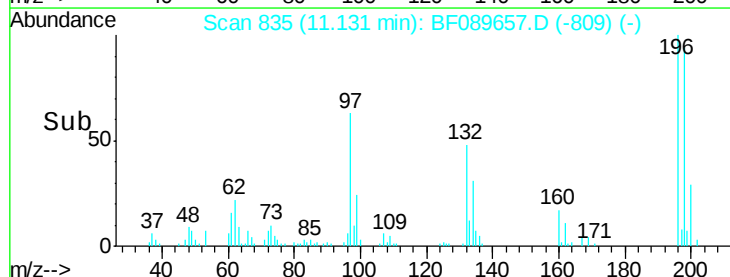
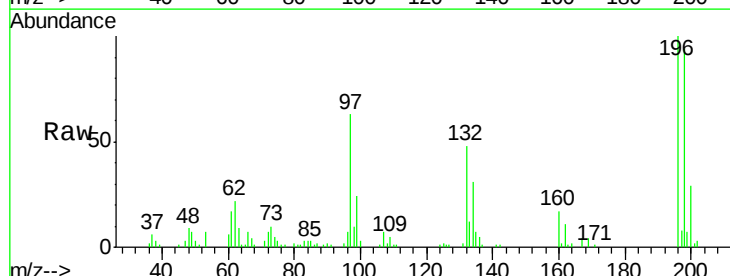
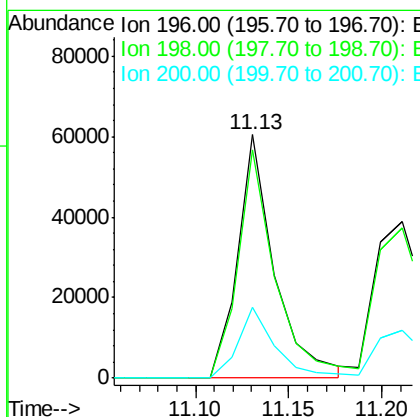
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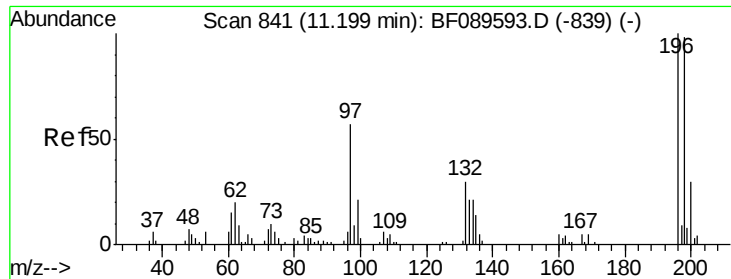
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#42  
 2,4,6-Trichlorophenol  
 Concen: 42.20 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 83021 |       |       |
| 198     | 93.6  | 77.6  | 116.4 |       |
| 200     | 29.2  | 23.8  | 35.8  |       |





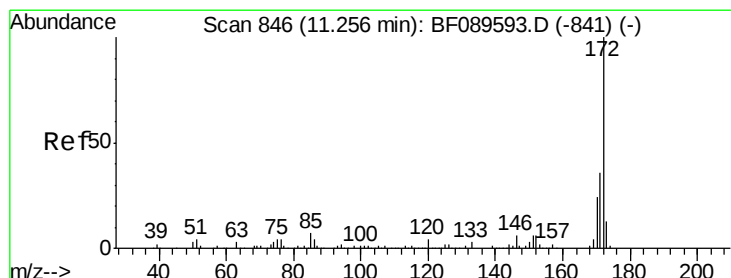
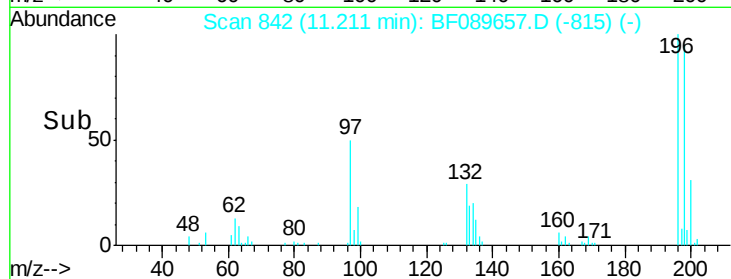
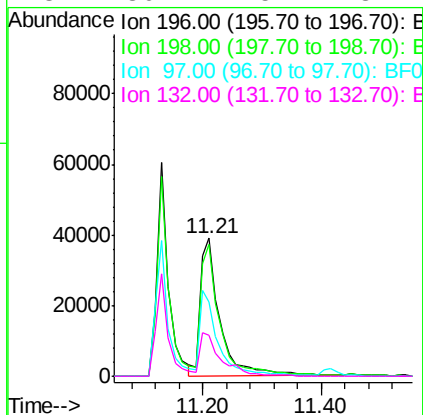
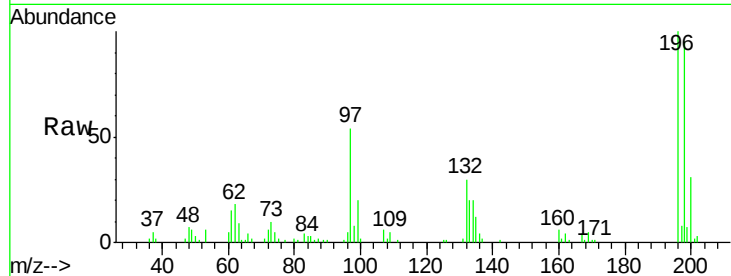
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.69 ng  
 RT: 11.21 min Scan# 842  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 89751 |       |       |
| 198     | 95.4  | 77.8  | 116.6 |       |
| 97      | 53.8  | 45.8  | 68.6  |       |
| 132     | 30.2  | 25.1  | 37.7  |       |

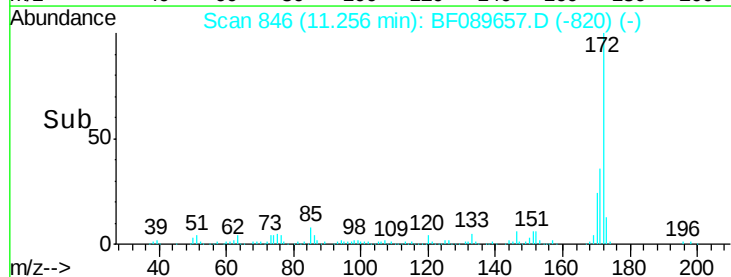
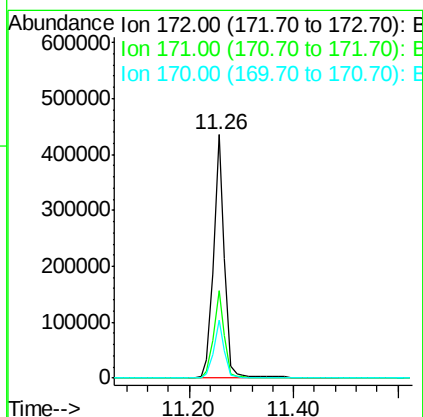
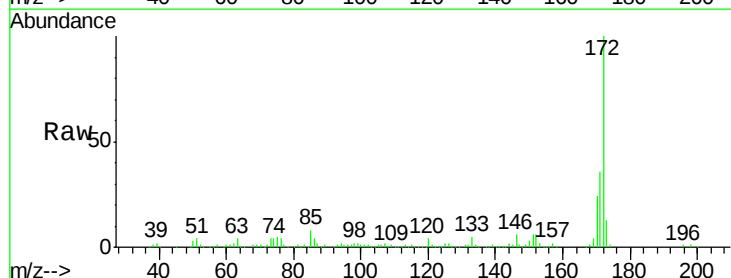
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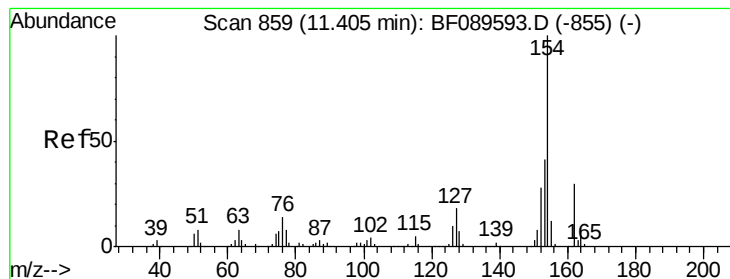
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#44  
 2-Fluorobiphenyl  
 Concen: 77.95 ng  
 RT: 11.26 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 636466 |       |       |
| 171     | 36.0  | 28.9   | 43.3  |       |
| 170     | 23.9  | 19.0   | 28.6  |       |





#45

1,1'-Biphenyl

Concen: 39.74 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 380368  
Ion Ratio Lower Upper

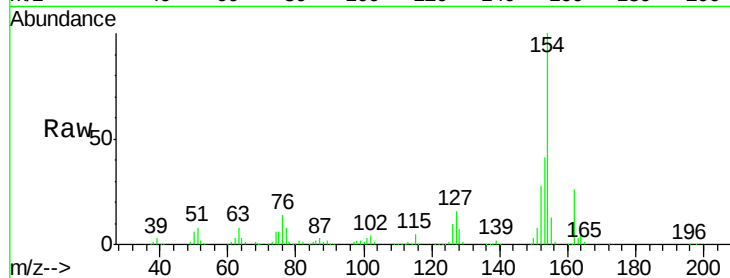
154 100

153 41.0 20.6 60.6

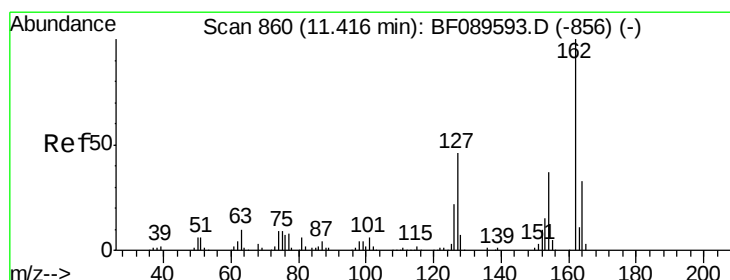
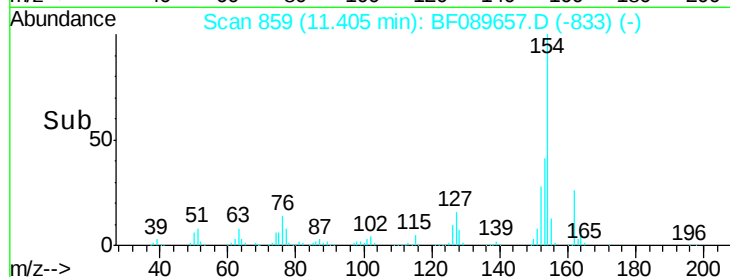
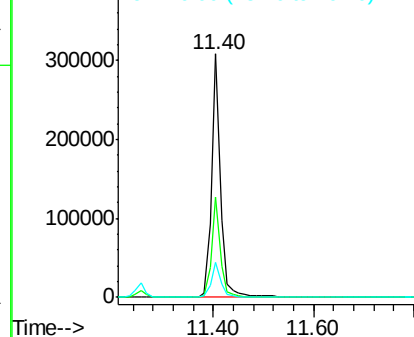
76 14.4 0.0 33.7

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.70 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF089657.D

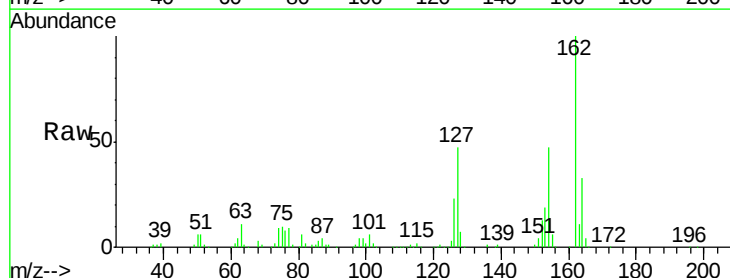
Acq: 6 Aug 2016 8:40

Tgt Ion:162 Resp: 284879  
Ion Ratio Lower Upper

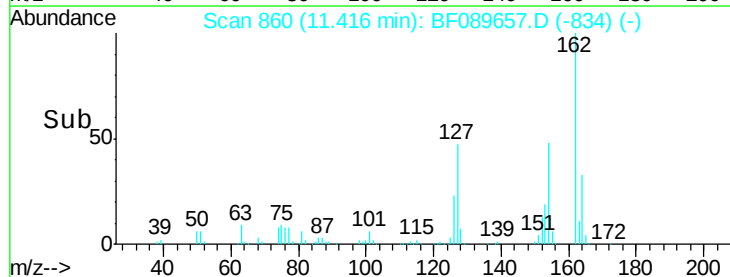
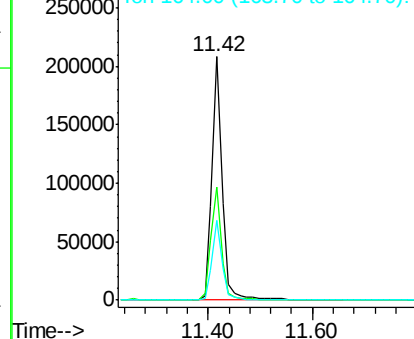
162 100

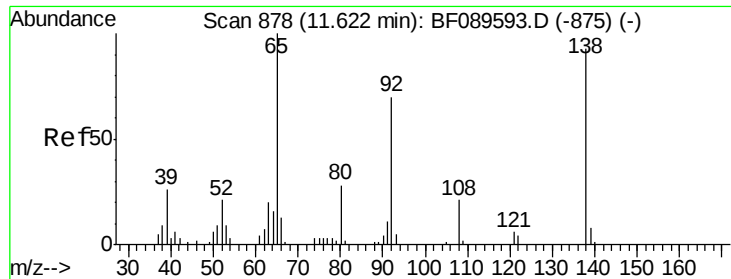
127 46.5 36.6 54.8

164 32.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





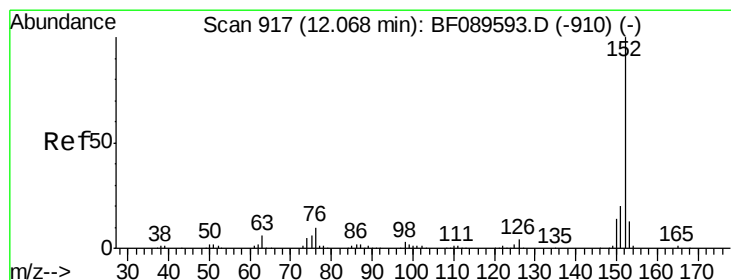
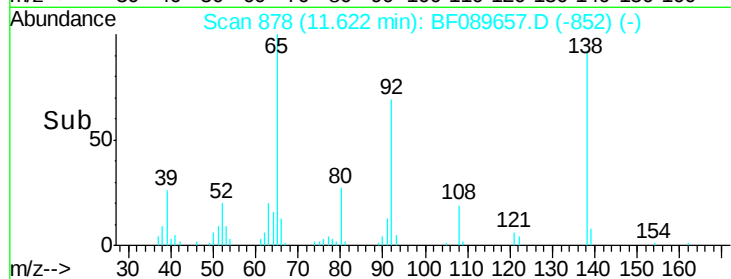
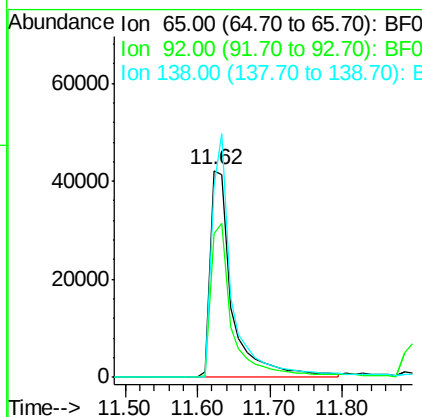
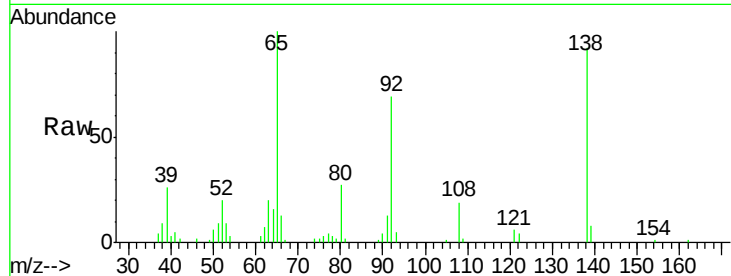
#47  
2-Nitroaniline  
Concen: 38.48 ng  
RT: 11.62 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 88999 |       |       |
| 92      | 69.4  | 56.3  | 84.5  |       |
| 138     | 92.2  | 74.3  | 111.5 |       |

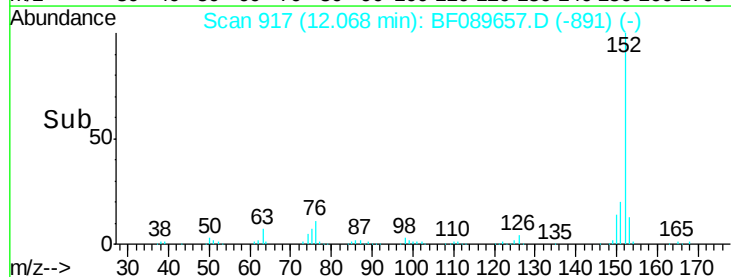
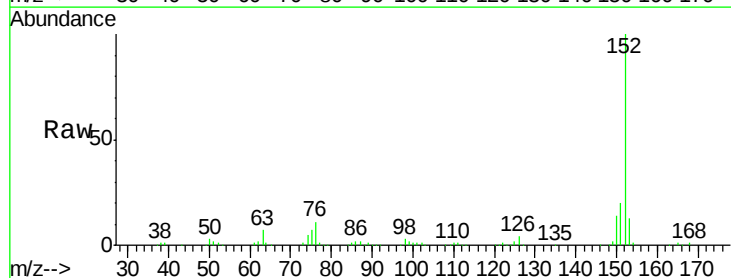
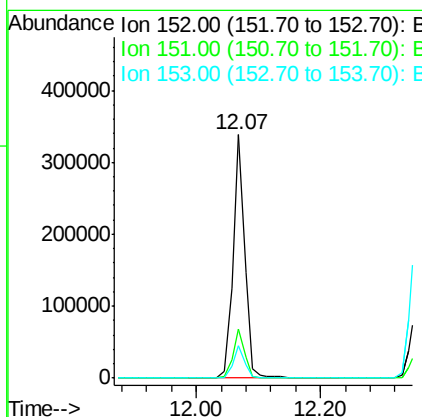
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#48  
Acenaphthylene  
Concen: 37.83 ng  
RT: 12.07 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 447079 |       |       |
| 151     | 20.1  | 16.2   | 24.4  |       |
| 153     | 13.3  | 10.5   | 15.7  |       |





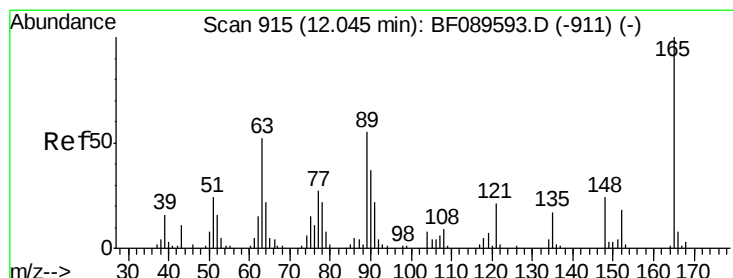
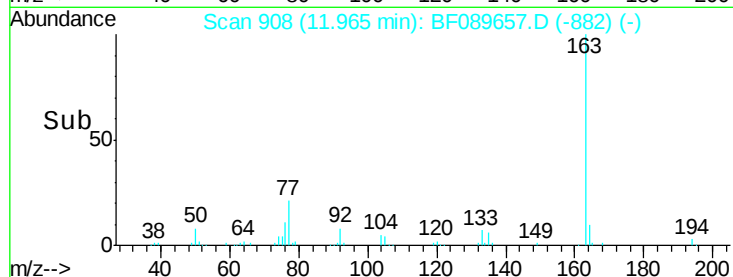
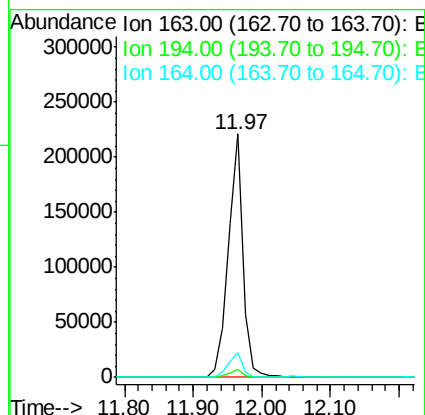
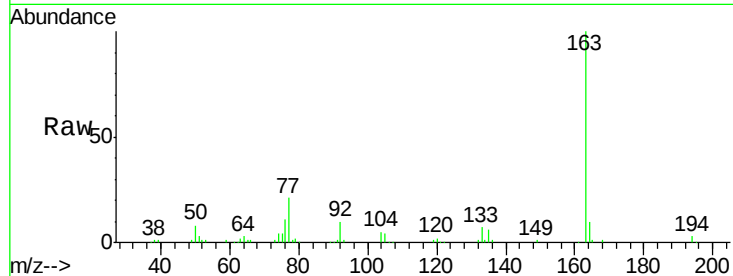
#49  
Dimethylphthalate  
Concen: 40.33 ng  
RT: 11.97 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 335477 |       |       |
| 194     | 3.4   | 2.7    | 4.1   |       |
| 164     | 10.0  | 7.8    | 11.6  |       |

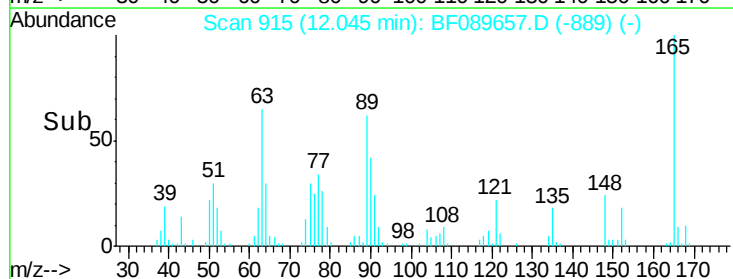
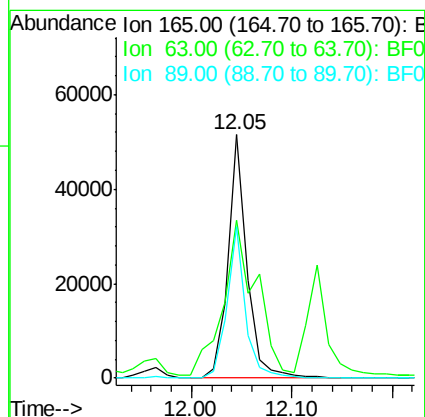
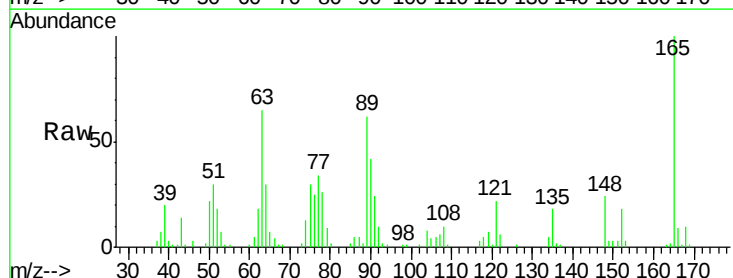
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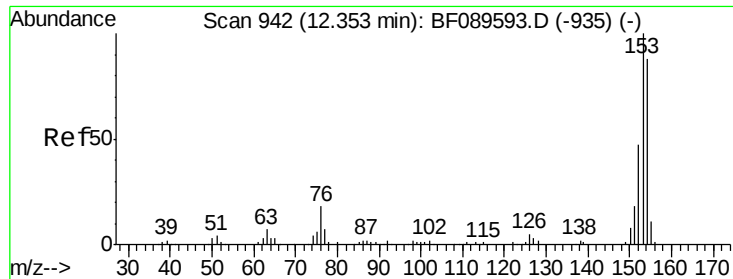
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#50  
2,6-Dinitrotoluene  
Concen: 40.67 ng  
RT: 12.05 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 67258 |       |       |
| 63      | 65.0  | 44.6  | 67.0  |       |
| 89      | 62.4  | 44.2  | 66.2  |       |





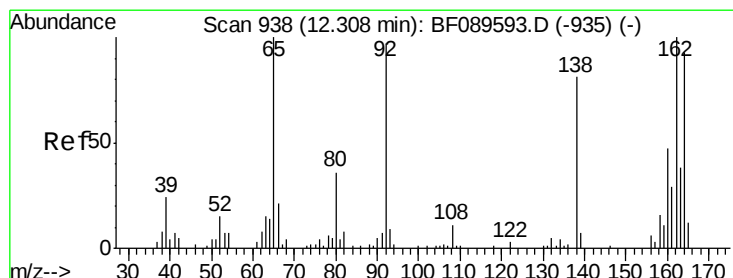
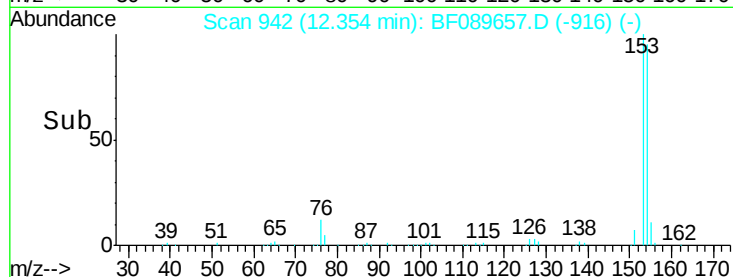
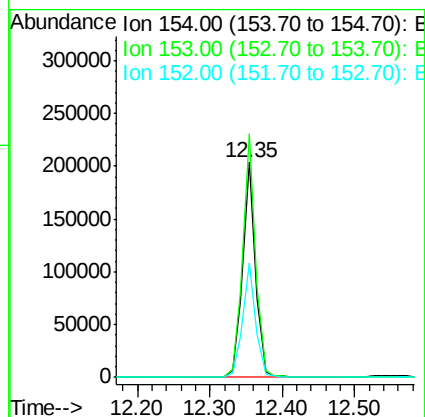
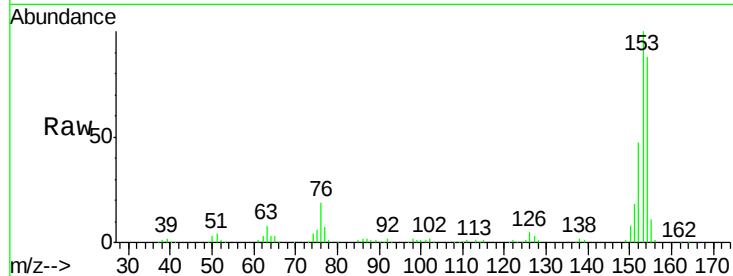
#51  
Acenaphthene  
Concen: 37.05 ng  
RT: 12.35 min Scan# 942  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 252927 |       |       |
| 153     | 113.1 | 91.1   | 136.7 |       |
| 152     | 53.1  | 43.5   | 65.3  |       |

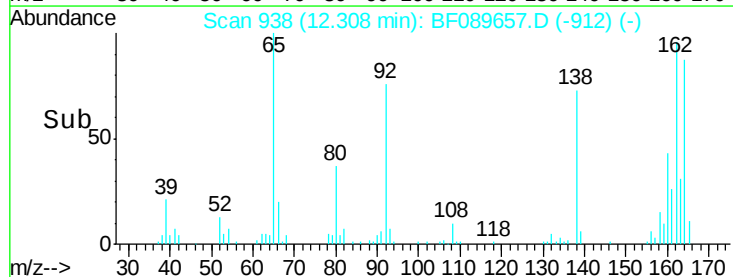
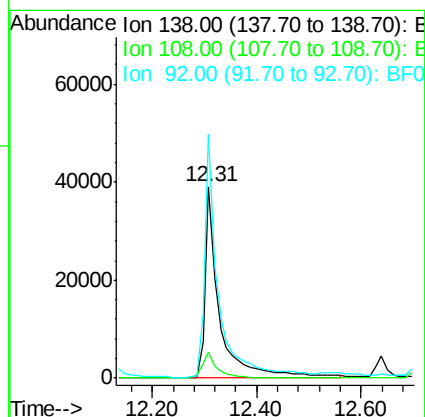
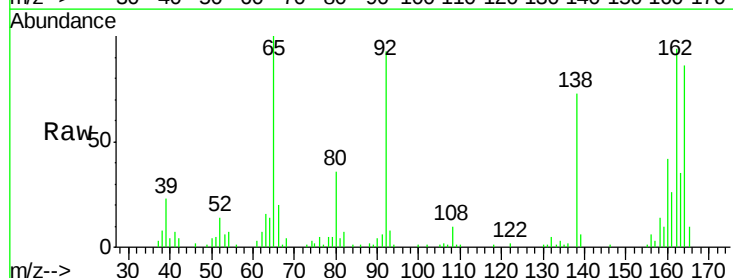
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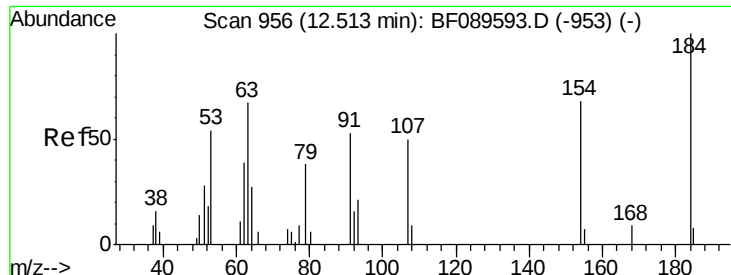
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#52  
3-Nitroaniline  
Concen: 38.36 ng  
RT: 12.31 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 75879 |       |       |
| 108     | 13.9  | 10.7  | 16.1  |       |
| 92      | 127.2 | 96.6  | 145.0 |       |





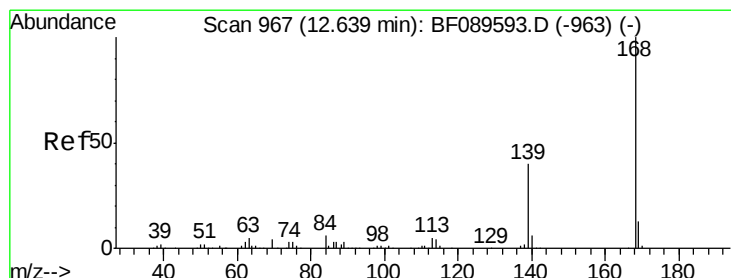
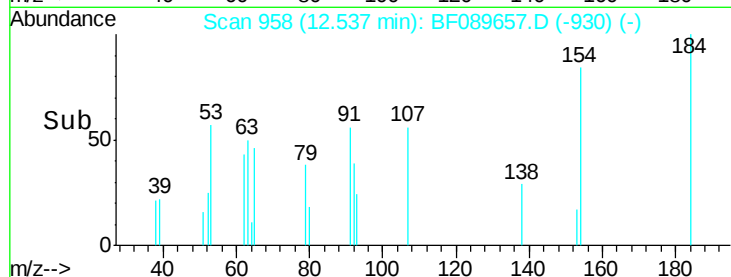
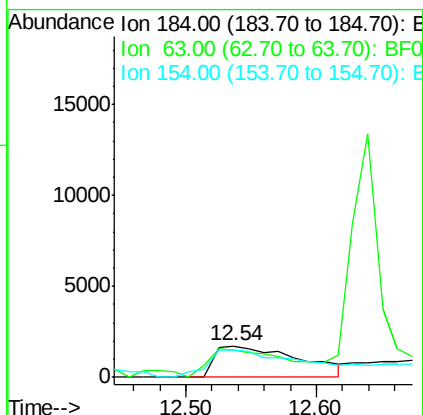
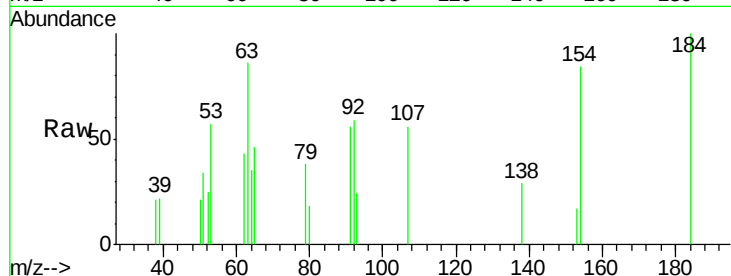
#53  
 2,4-Dinitrophenol  
 Concen: 18.51 ng  
 RT: 12.54 min Scan# 958  
 Delta R.T. 0.02 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 86.4  | 59.0  | 88.6  |
| 154     | 84.1  | 60.0  | 90.0  |

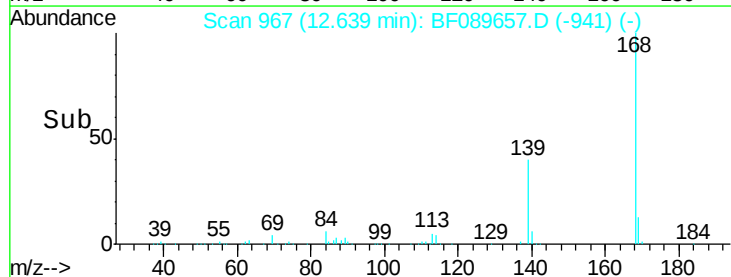
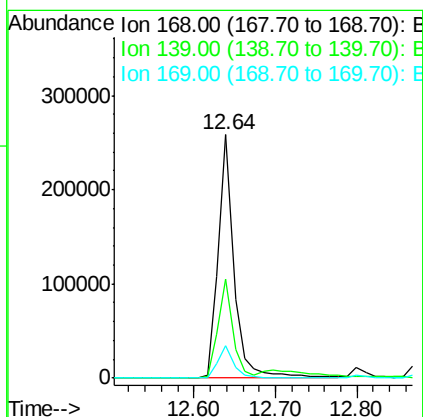
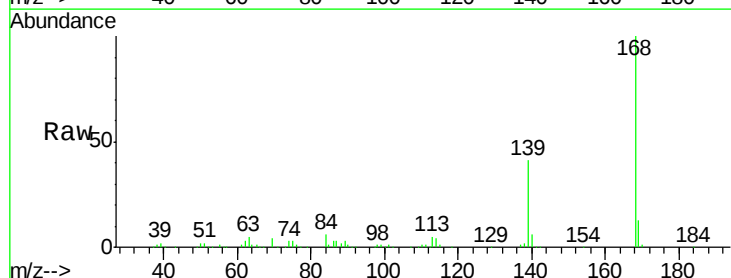
Manual Integrations  
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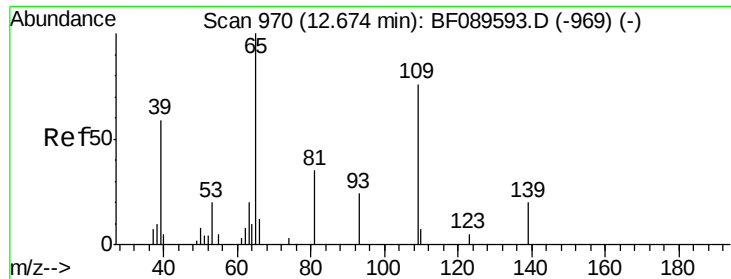
umangi  
 8/8/2016 9:21:22 AM



#54  
 Dibenzofuran  
 Concen: 37.35 ng  
 RT: 12.64 min Scan# 967  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.6  | 32.3  | 48.5  |
| 169     | 13.4  | 10.6  | 15.8  |





#55

4-Nitrophenol

Concen: 31.86 ng m

RT: 12.70 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

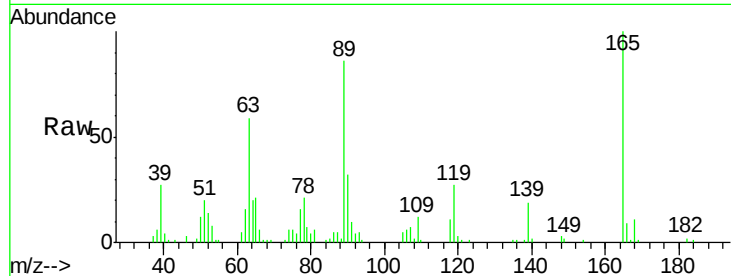
ClientSampleId :

SSTDCCC040EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 36184 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 61.4  | 28.9  | 68.9  |
| 65        | 107.6 | 49.2  | 89.2# |

Manual Integrations  
APPROVED

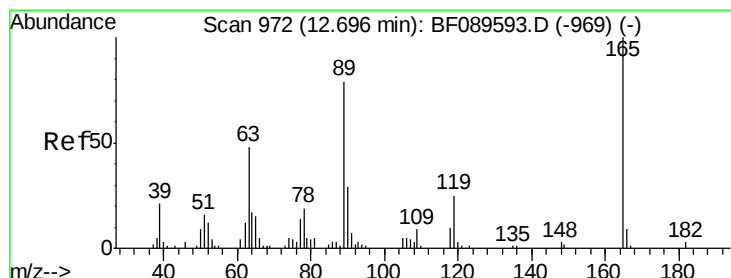
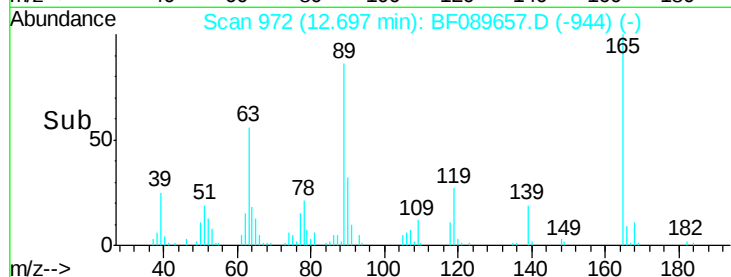
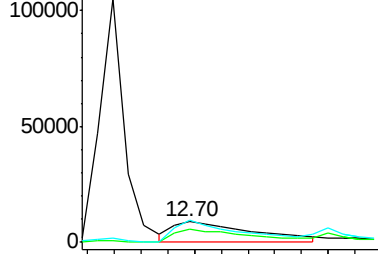
umangi  
8/8/2016 9:21:22 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.24 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

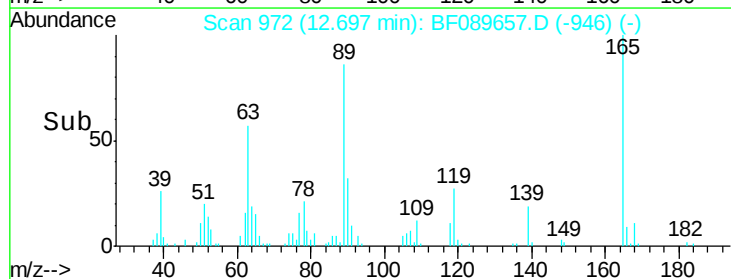
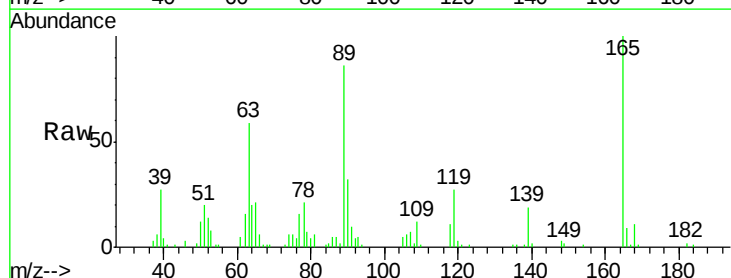
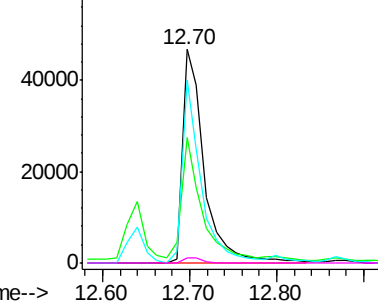
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 81979 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 58.5  | 42.2  | 63.4  |
| 89        | 85.9  | 64.4  | 96.6  |
| 182       | 2.4   | 2.1   | 3.1   |

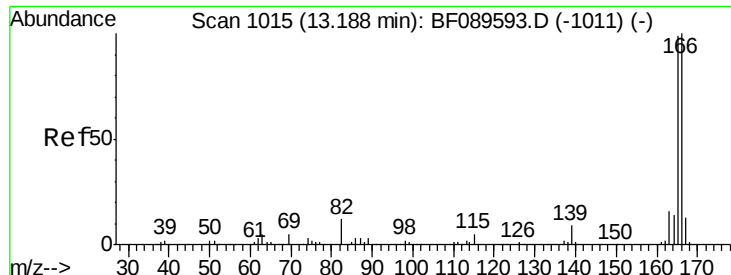
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





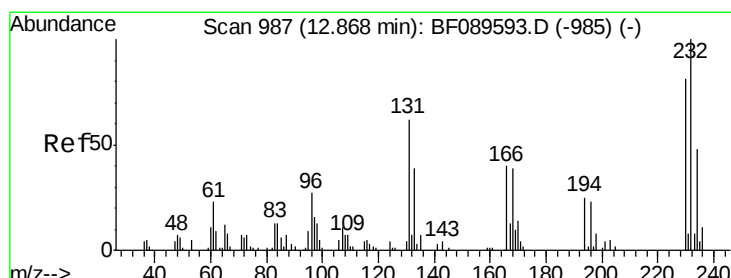
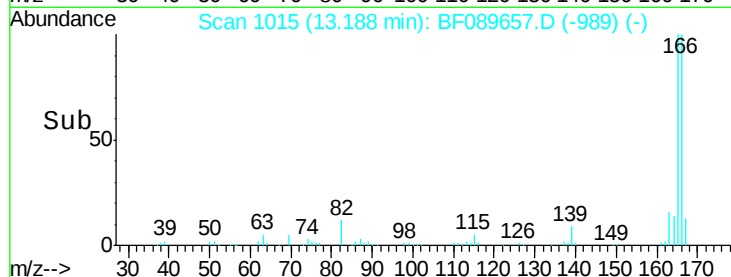
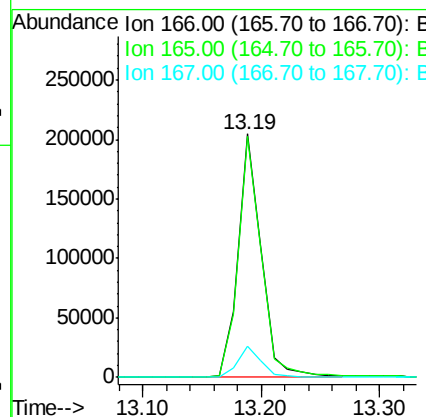
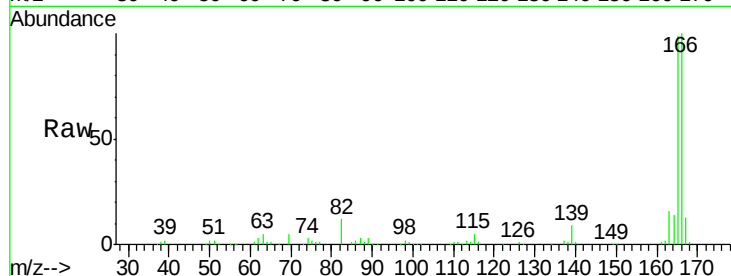
#57  
**Fluorene**  
 Concen: 34.93 ng  
 RT: 13.19 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 280208 |       |       |
| 165     | 99.2  | 78.9   | 118.3 |       |
| 167     | 13.0  | 10.4   | 15.6  |       |

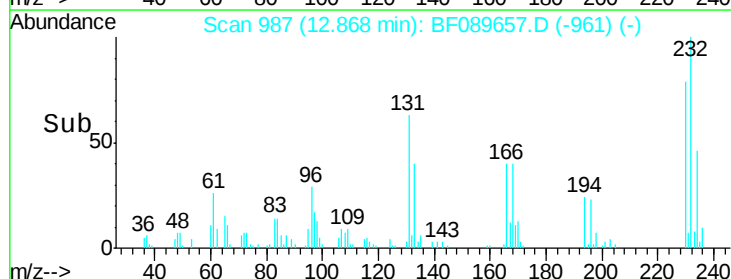
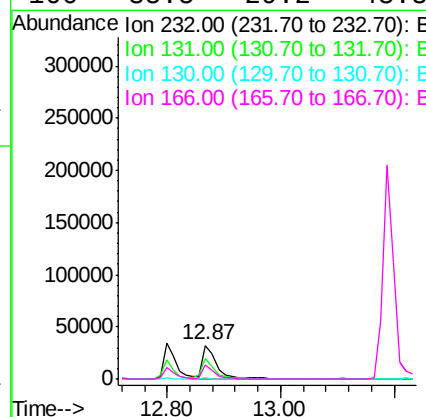
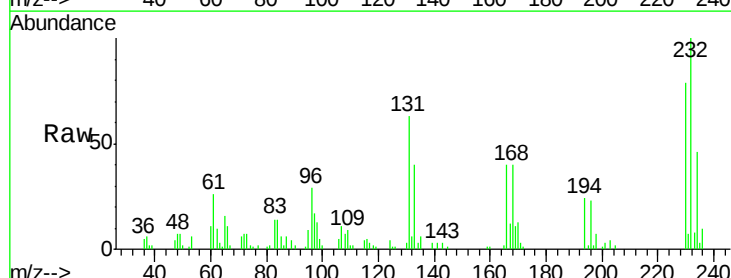
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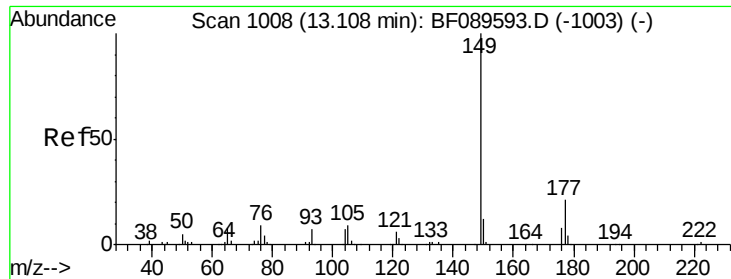
umangi  
 8/8/2016 9:21:22 AM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 36.65 ng  
 RT: 12.87 min Scan# 987  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 58499 |       |       |
| 131     | 54.6  | 46.2  | 69.2  |       |
| 130     | 2.0   | 1.7   | 2.5   |       |
| 166     | 35.5  | 29.2  | 43.8  |       |





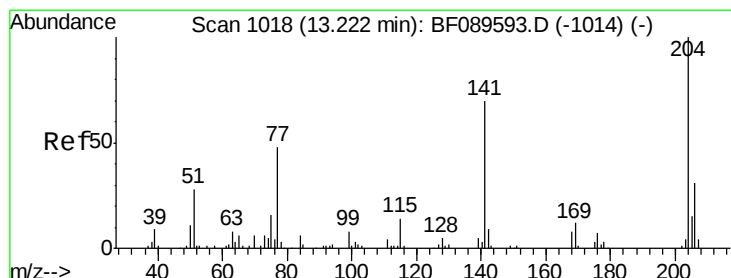
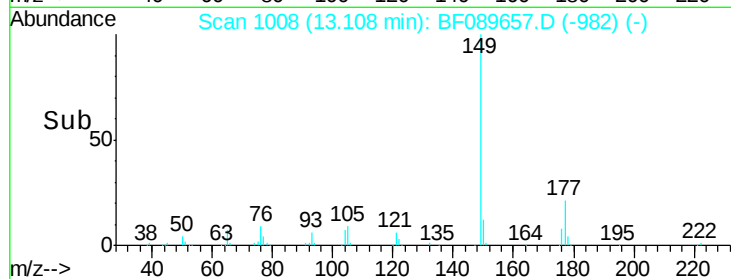
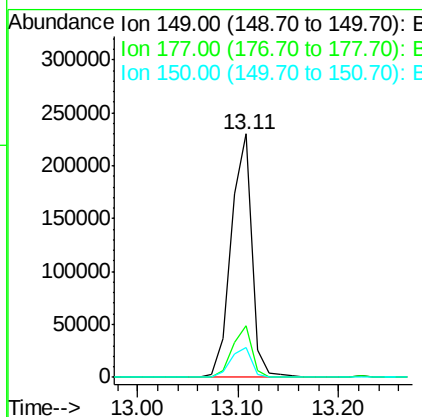
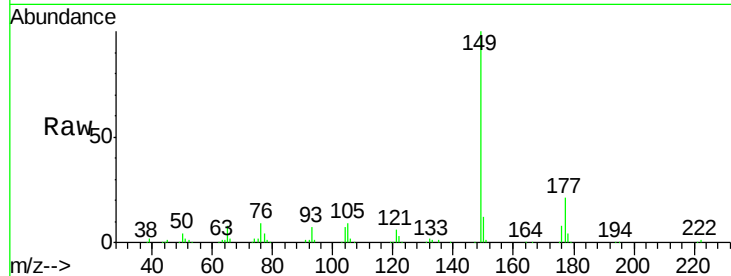
#59  
Diethylphthalate  
Concen: 38.32 ng  
RT: 13.11 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.3  | 16.8  | 25.2  |
| 150     | 12.1  | 9.6   | 14.4  |

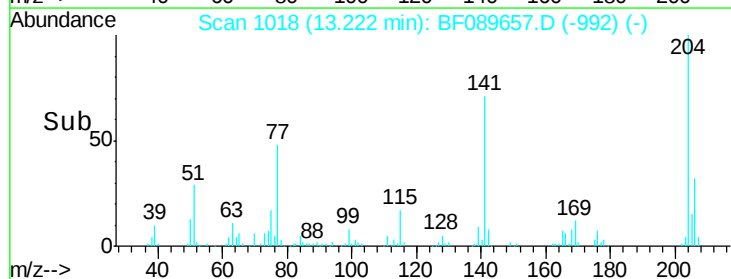
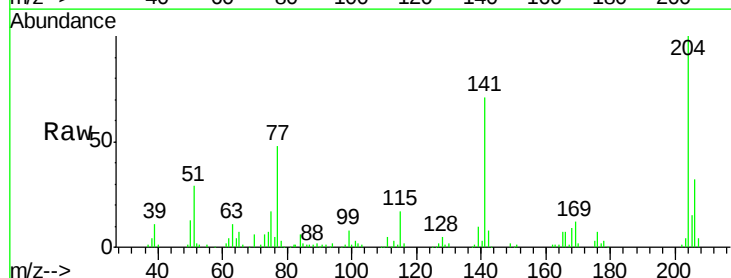
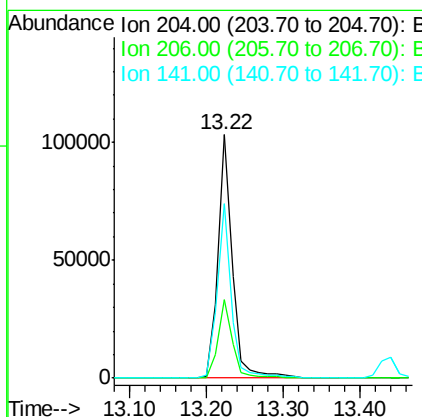
Manual Integrations  
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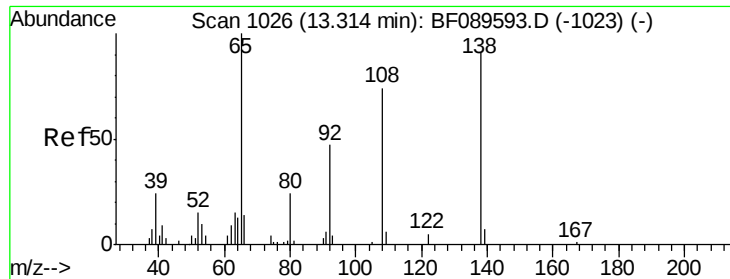
umangi  
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#60  
4-Chlorophenyl-phenylether  
Concen: 36.90 ng  
RT: 13.22 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 25.0  | 37.4  |
| 141     | 71.5  | 56.2  | 84.4  |





#61

4-Nitroaniline

Concen: 36.13 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

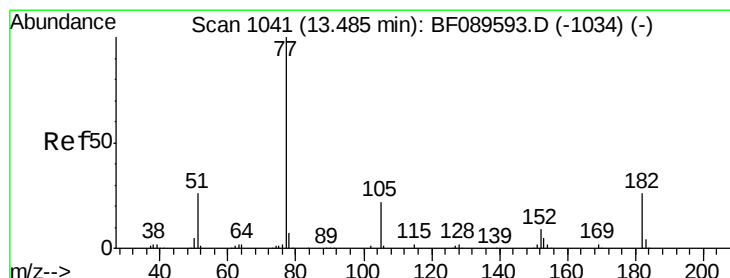
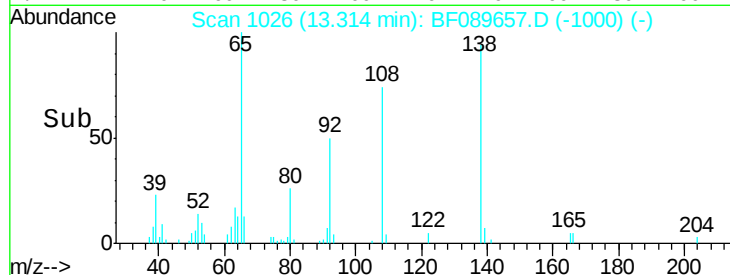
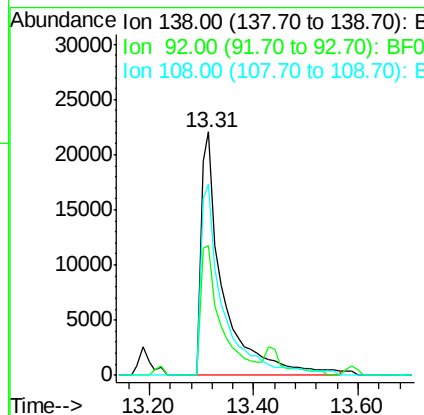
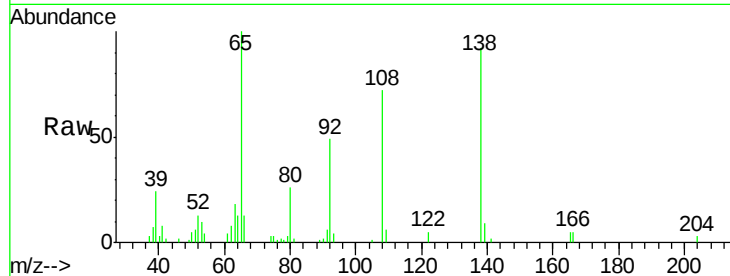
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 138 Resp: 64260  
 Ion Ratio Lower Upper  
 138 100  
 92 53.3 31.6 71.6  
 108 78.4 61.5 101.5

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#62

Azobenzene

Concen: 36.79 ng

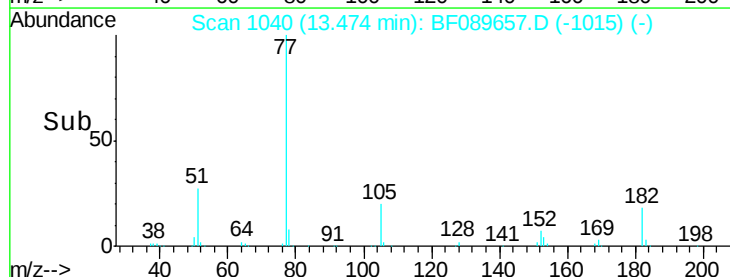
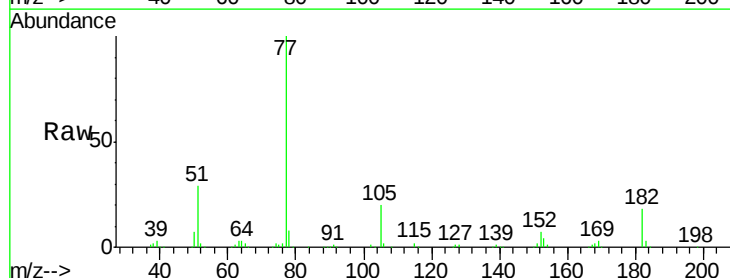
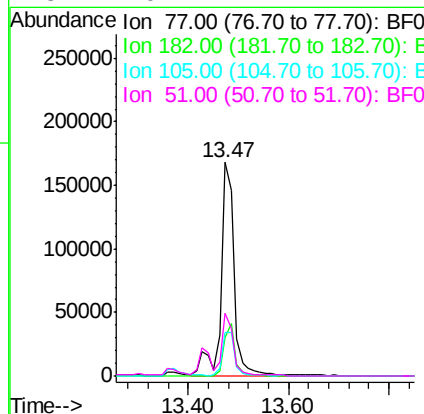
RT: 13.47 min Scan# 1040

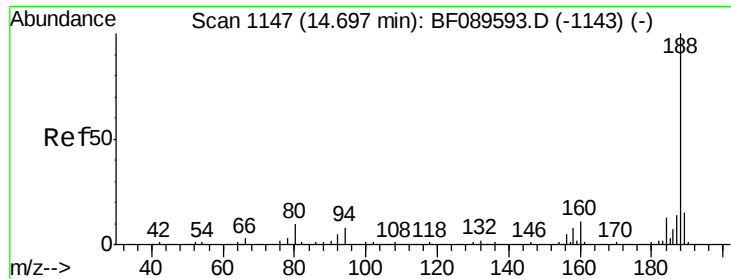
Delta R.T. -0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Tgt Ion: 77 Resp: 306067  
 Ion Ratio Lower Upper  
 77 100  
 182 17.9 5.8 45.8  
 105 20.3 2.9 42.9  
 51 29.1 7.2 47.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:188 Resp: 163442  
Ion Ratio Lower Upper

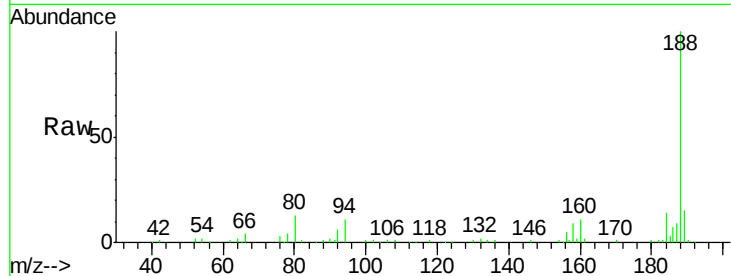
188 100

94 10.8 6.5 9.7#

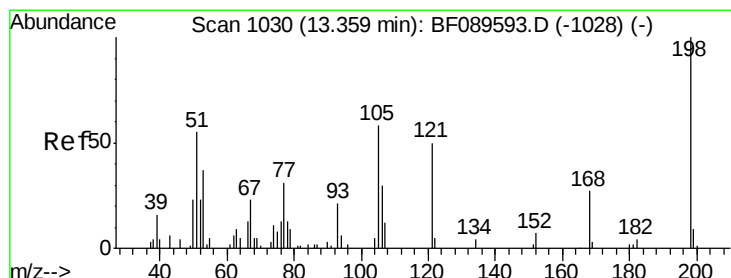
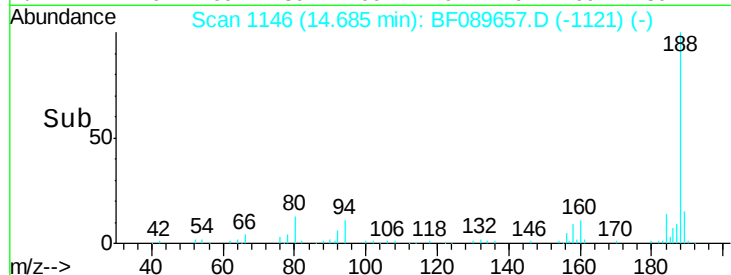
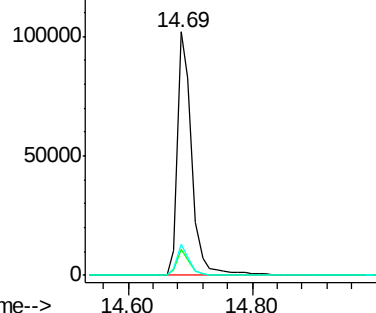
80 12.7 8.0 12.0#

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



#64

4,6-Dinitro-2-methylphenol

Concen: 26.15 ng

RT: 13.37 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF089657.D

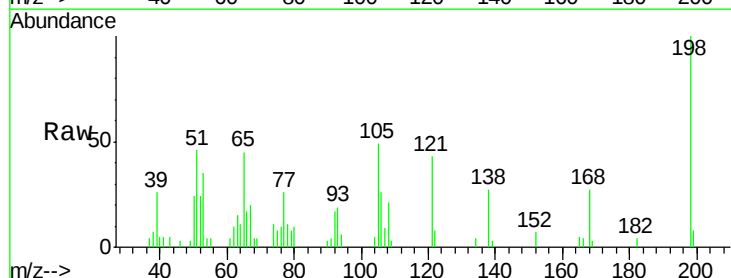
Acq: 6 Aug 2016 8:40

Tgt Ion:198 Resp: 23410  
Ion Ratio Lower Upper

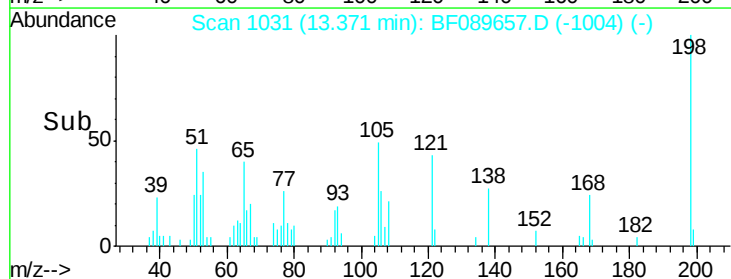
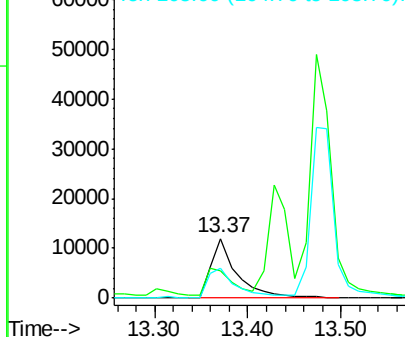
198 100

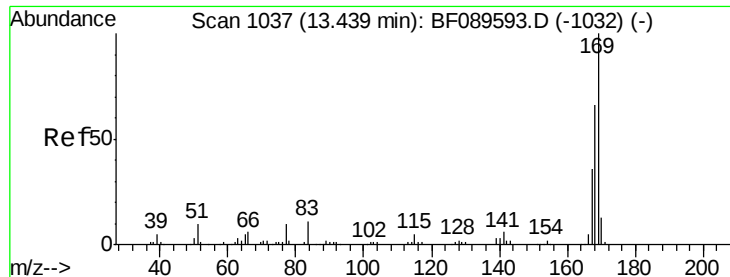
51 46.4 38.9 78.9

105 49.3 38.1 78.1



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.54 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:169 Resp: 251389

Ion Ratio Lower Upper

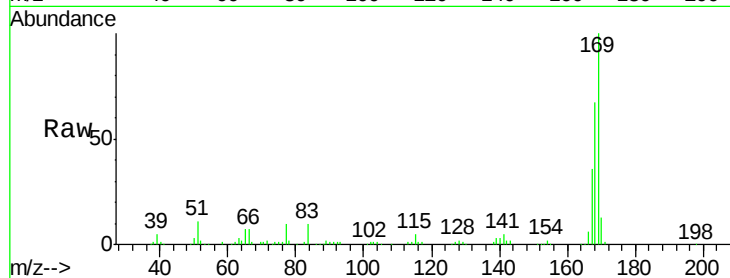
169 100

168 66.9 54.2 81.2

167 36.0 28.9 43.3

Manual Integrations  
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

13.44

200000

150000

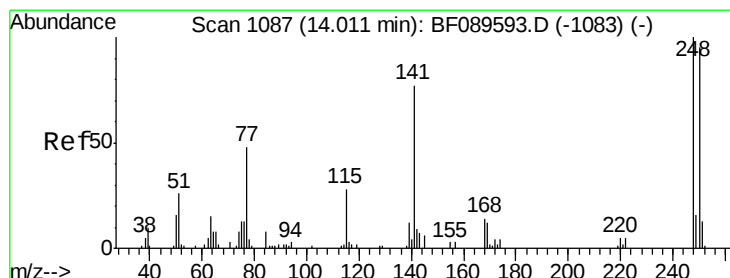
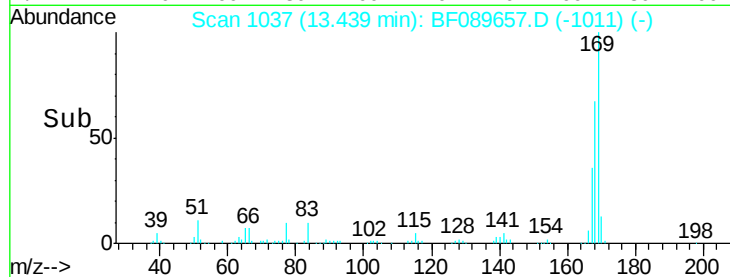
100000

50000

0

13.30 13.40 13.50 13.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 45.40 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

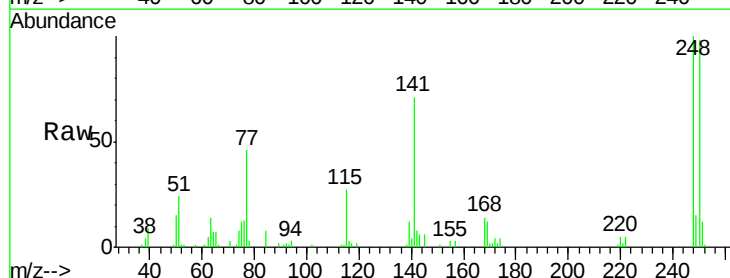
Tgt Ion:248 Resp: 71778

Ion Ratio Lower Upper

248 100

250 98.5 76.2 114.2

141 70.9 61.3 91.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

14.01

60000

50000

40000

30000

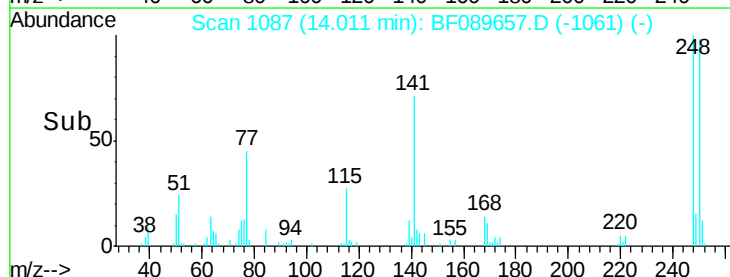
20000

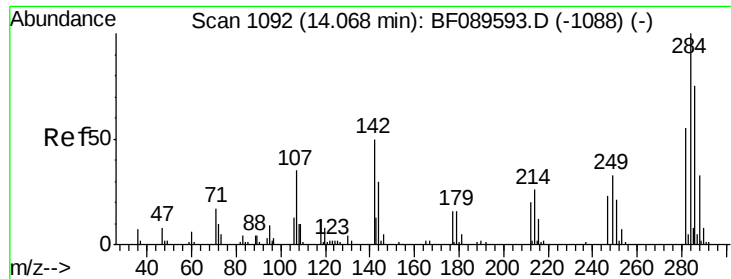
10000

0

13.90 14.00 14.10 14.20

Time-->





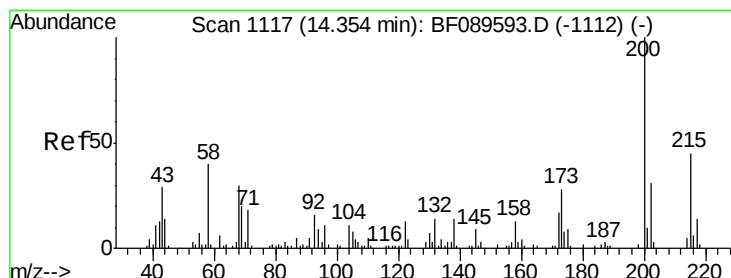
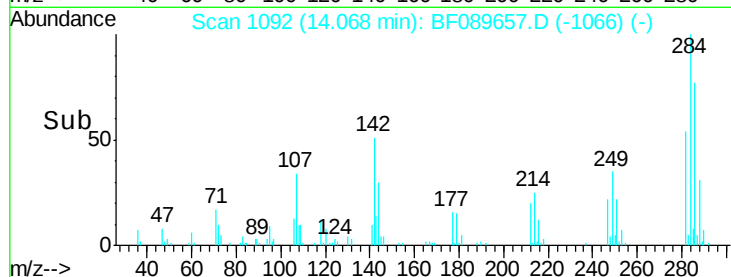
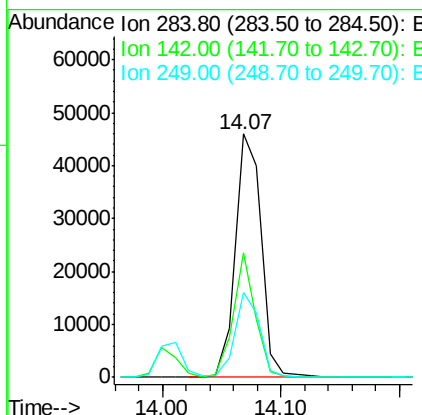
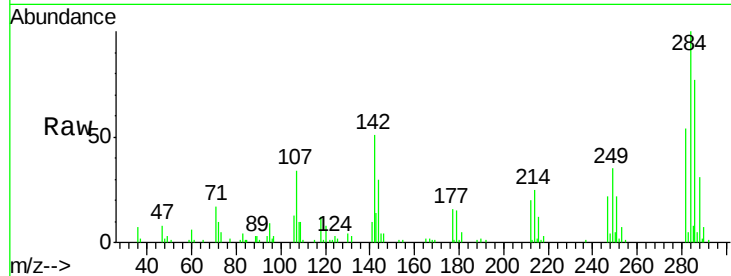
#67  
Hexachlorobenzene  
Concen: 40.19 ng  
RT: 14.07 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 69897 |       |       |
| 142     | 50.9  | 41.4  | 62.0  |       |
| 249     | 34.9  | 28.6  | 43.0  |       |

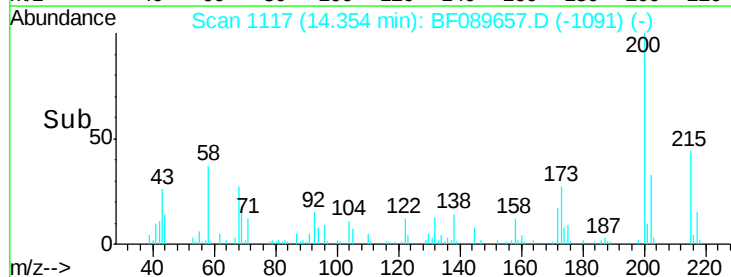
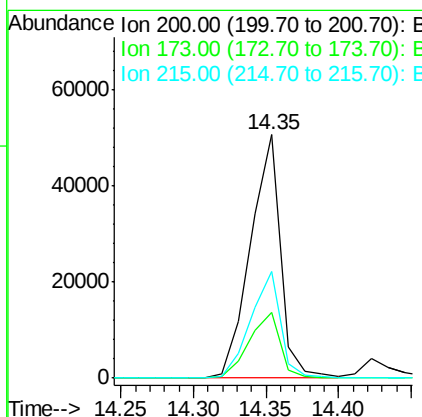
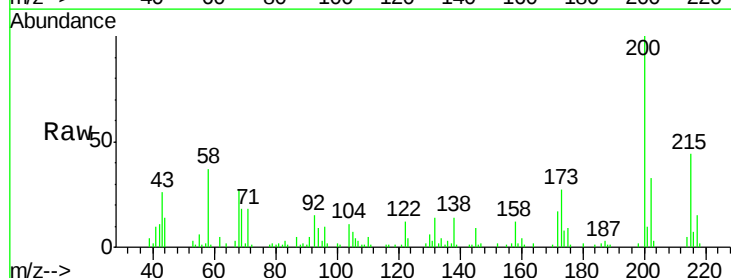
Manual Integrations  
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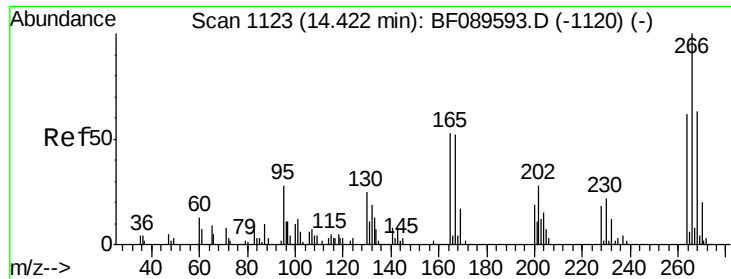
umangi  
8/8/2016 9:21:22 AM



#68  
Atrazine  
Concen: 47.40 ng  
RT: 14.35 min Scan# 1117  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 73059 |       |       |
| 173     | 26.8  | 8.2   | 48.2  |       |
| 215     | 43.8  | 24.9  | 64.9  |       |





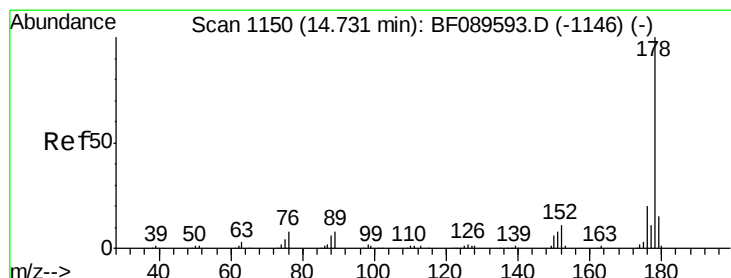
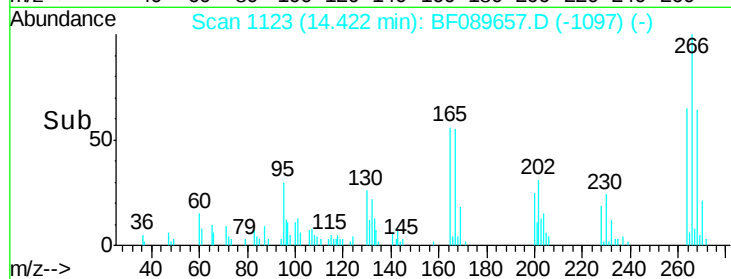
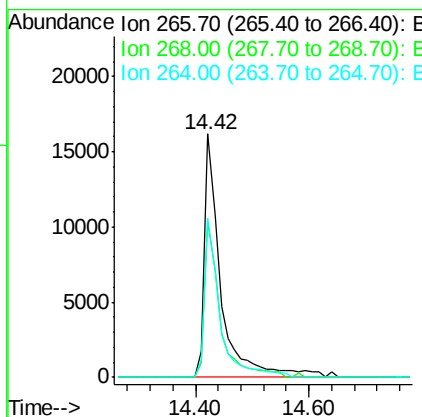
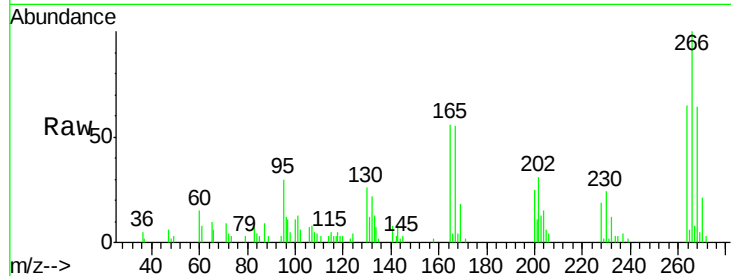
#69  
 Pentachlorophenol  
 Concen: 44.26 ng  
 RT: 14.42 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 31508 |       |       |
| 268     | 63.8  | 50.6  | 75.8  |       |
| 264     | 65.3  | 49.5  | 74.3  |       |

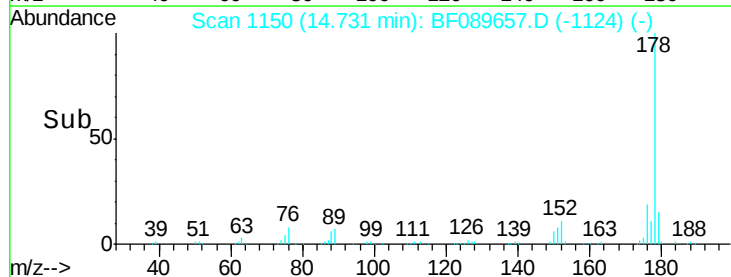
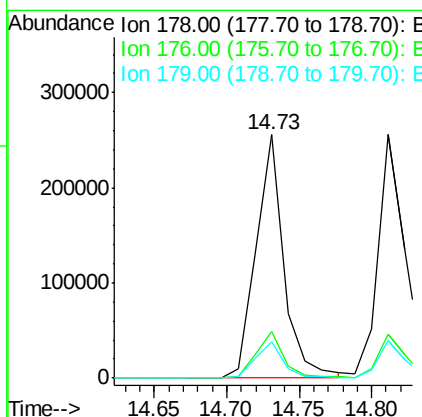
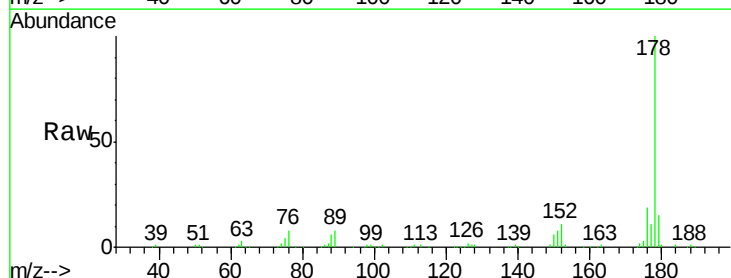
Manual Integrations  
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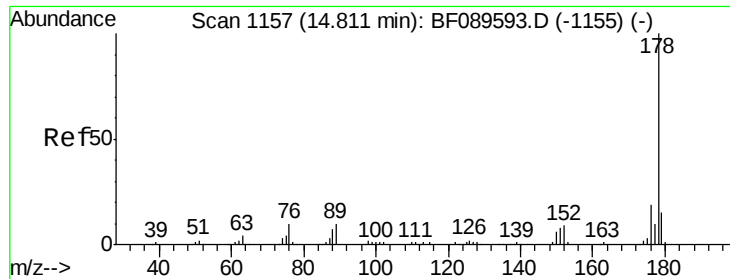
umangi  
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#70  
 Phenanthrene  
 Concen: 38.34 ng  
 RT: 14.73 min Scan# 1150  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 340747 |       |       |
| 176     | 18.9  | 15.7   | 23.5  |       |
| 179     | 15.0  | 12.2   | 18.2  |       |





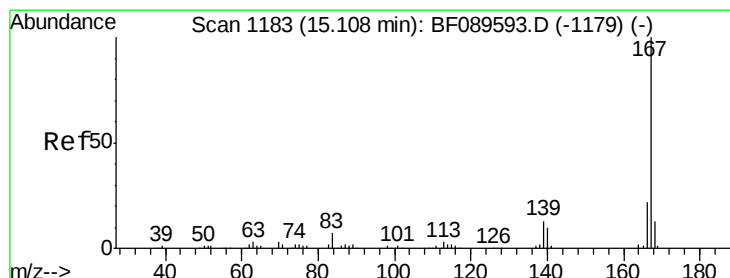
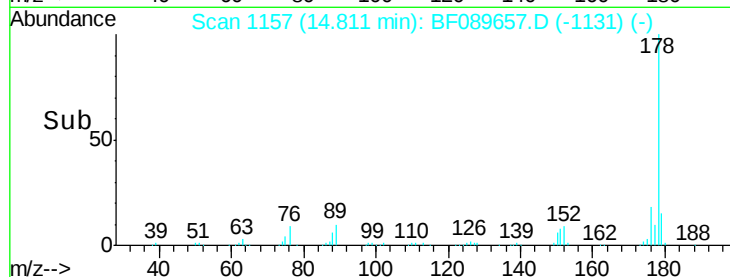
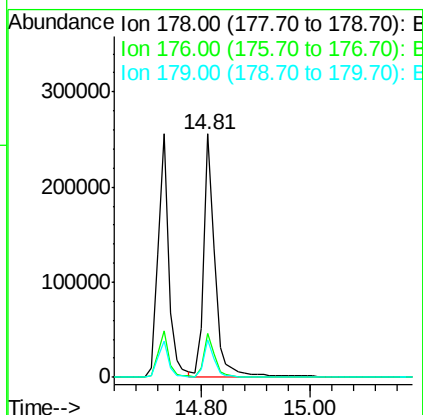
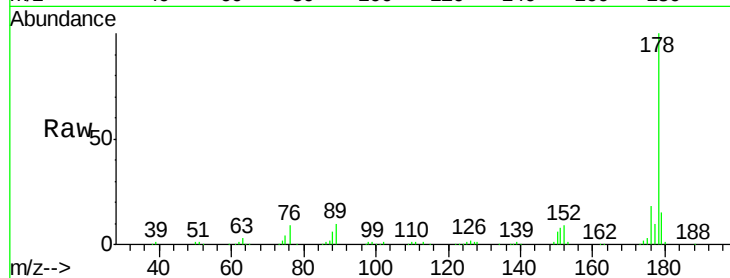
#71  
 Anthracene  
 Concen: 37.96 ng  
 RT: 14.81 min Scan# 1157  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.0  | 22.4  |
| 179     | 15.5  | 12.4  | 18.6  |

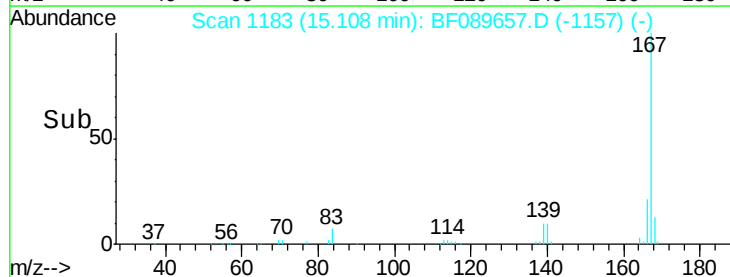
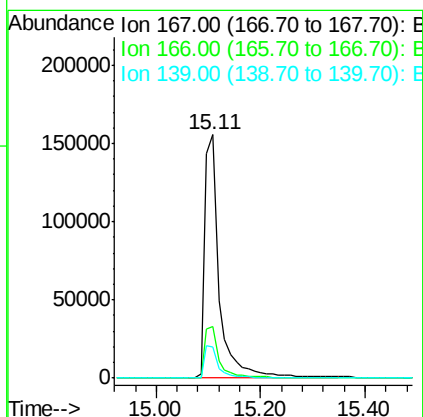
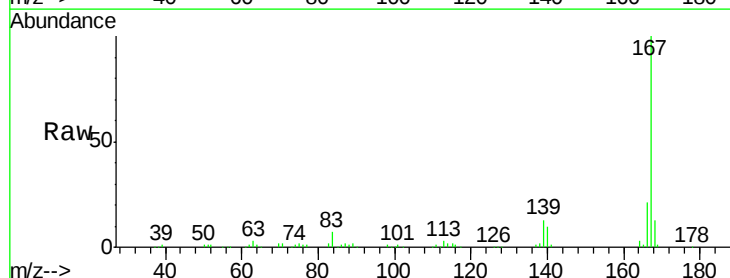
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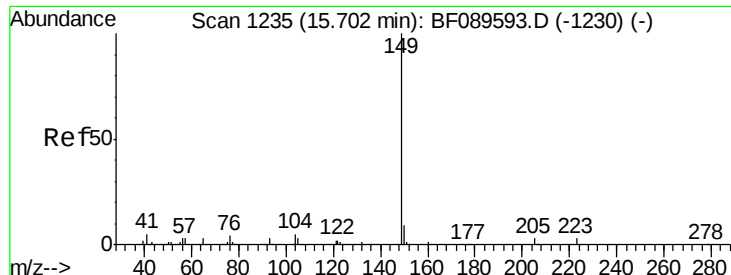
umangi  
 8/8/2016 9:21:22 AM



#72  
 Carbazole  
 Concen: 38.10 ng  
 RT: 15.11 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.5  | 26.3  |
| 139     | 12.6  | 10.4  | 15.6  |





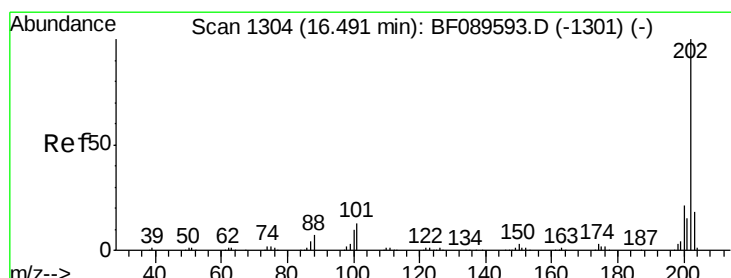
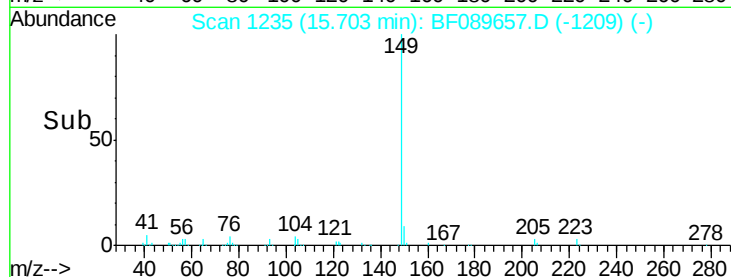
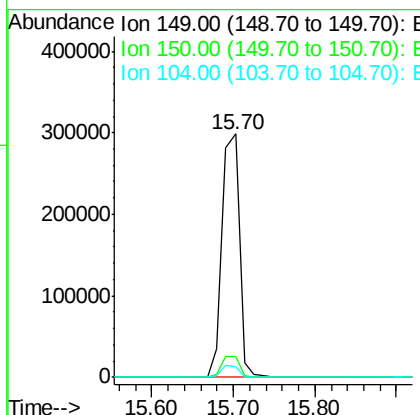
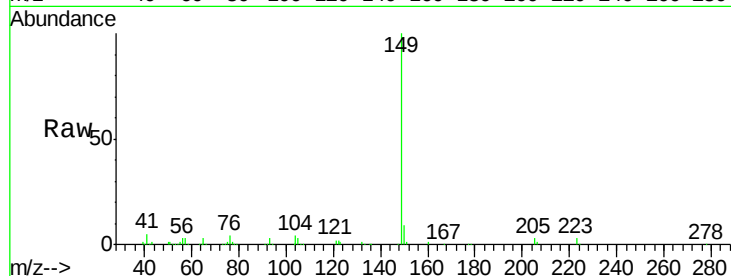
#73  
Di-n-butylphthalate  
Concen: 40.95 ng  
RT: 15.70 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 439763 |       |       |
| 150     | 8.7   | 7.2    | 10.8  |       |
| 104     | 4.5   | 3.8    | 5.8   |       |

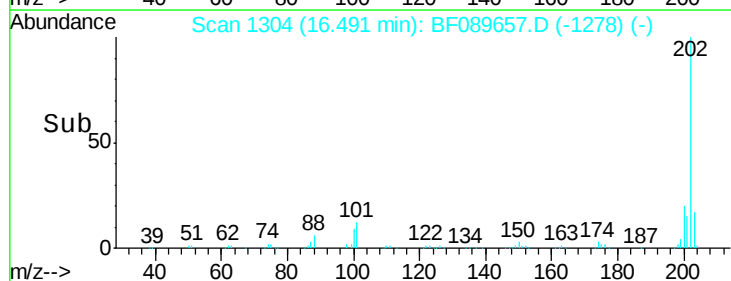
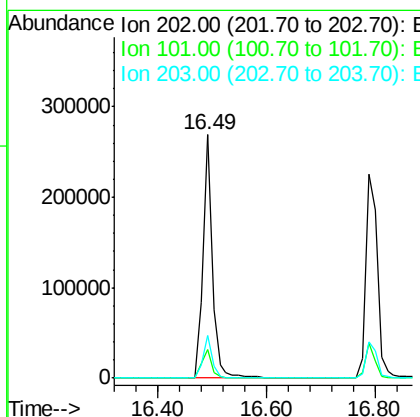
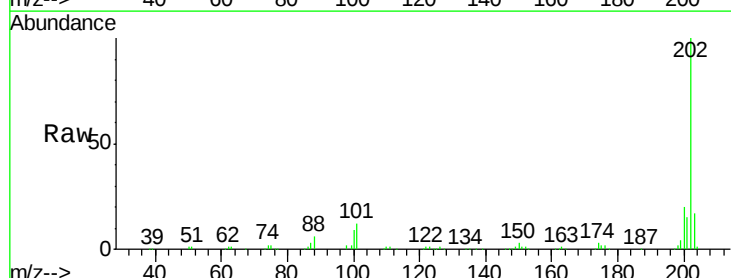
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#74  
Fluoranthene  
Concen: 35.45 ng  
RT: 16.49 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 323890 |       |       |
| 101     | 11.8  | 0.0    | 32.7  |       |
| 203     | 17.3  | 0.0    | 37.8  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.39 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

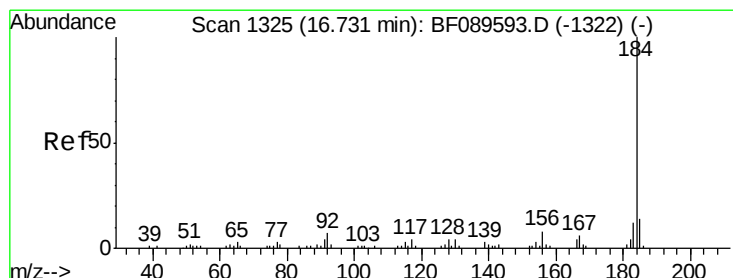
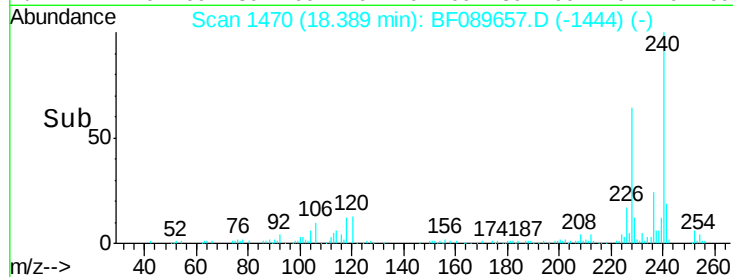
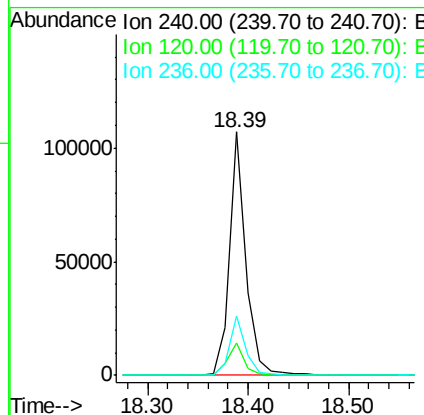
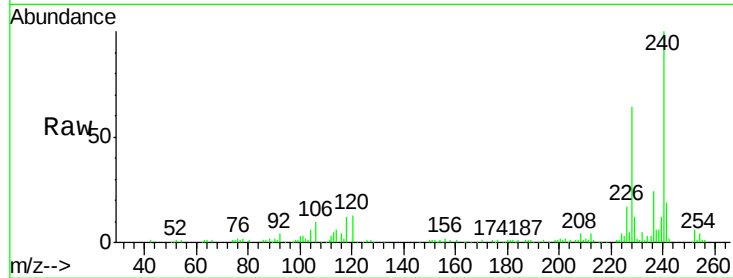
ClientSampleId :

SSTDCCC040EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 120802 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 13.1 | 10.6  | 15.8   |
| 236       | 24.4 | 20.6  | 30.8   |

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#76

Benzidine

Concen: 38.43 ng

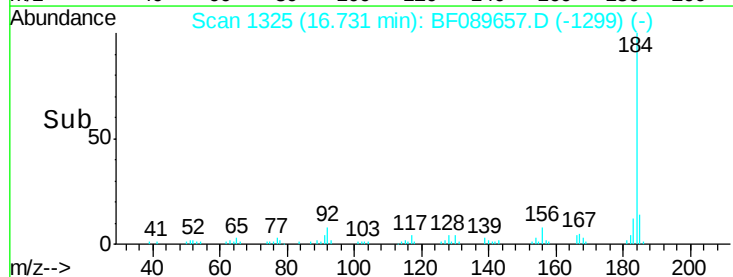
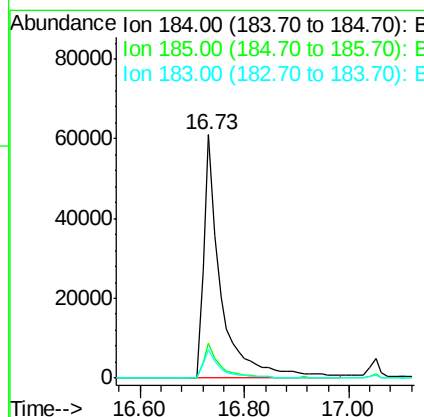
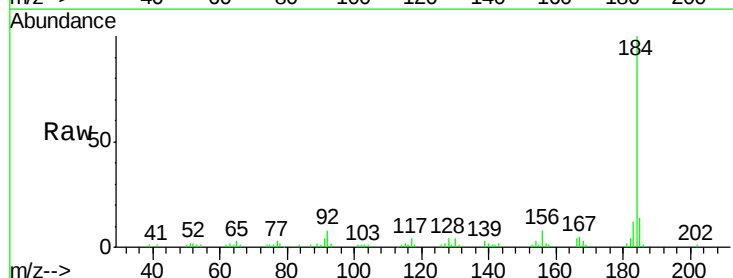
RT: 16.73 min Scan# 1325

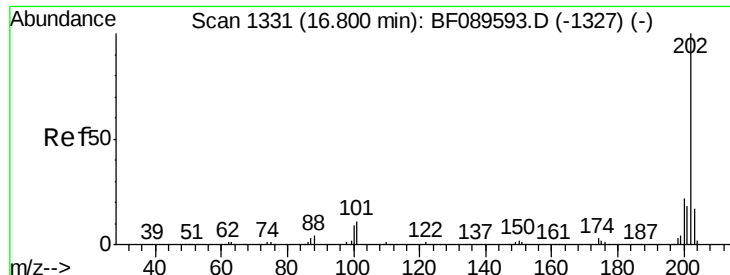
Delta R.T. 0.00 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 140725 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 14.1 | 11.5  | 17.3   |
| 183       | 11.8 | 9.8   | 14.8   |





#77

Pyrene

Concen: 30.87 ng

RT: 16.79 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

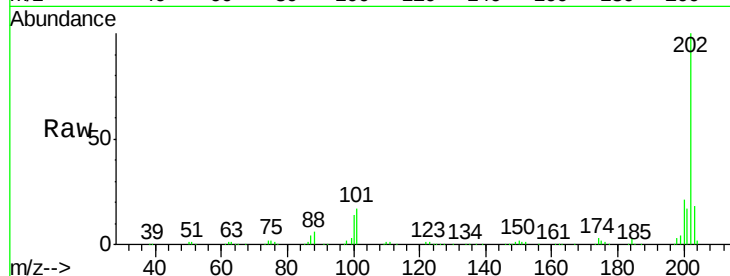
ClientSampleId :

SSTDCCC040EC

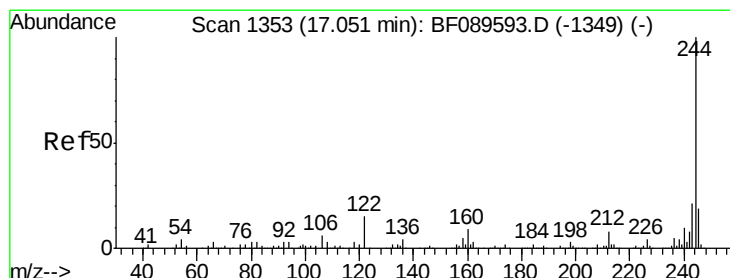
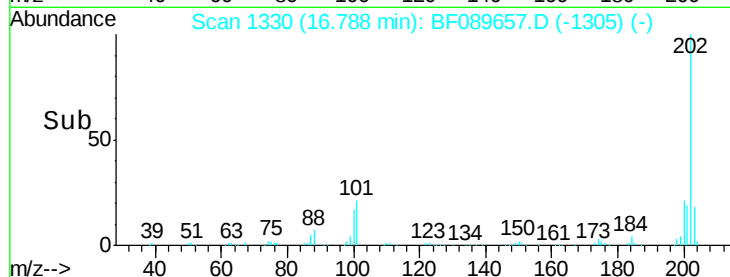
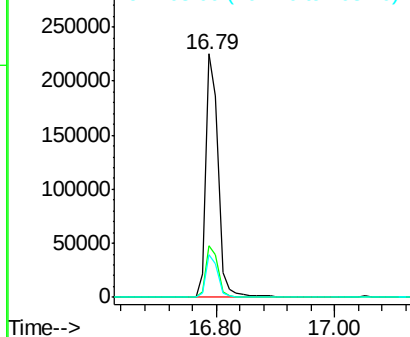
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 329681 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.1  | 17.4  | 26.0   |
| 203       | 17.6  | 13.6  | 20.4   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.74 ng

RT: 17.05 min Scan# 1353

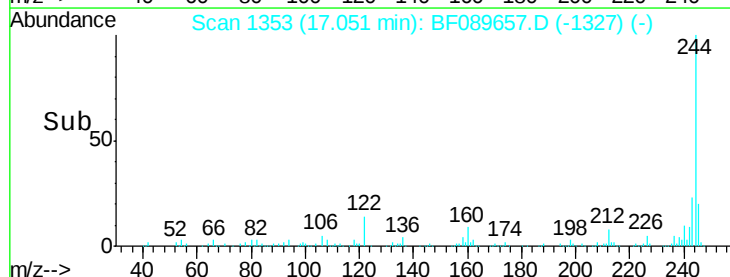
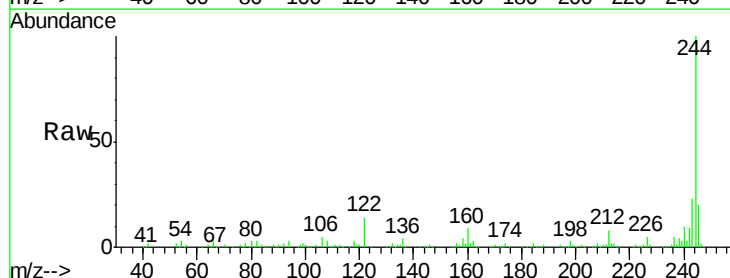
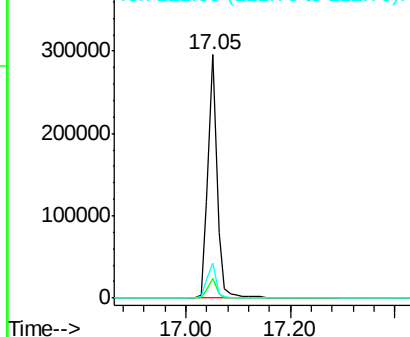
Delta R.T. 0.00 min

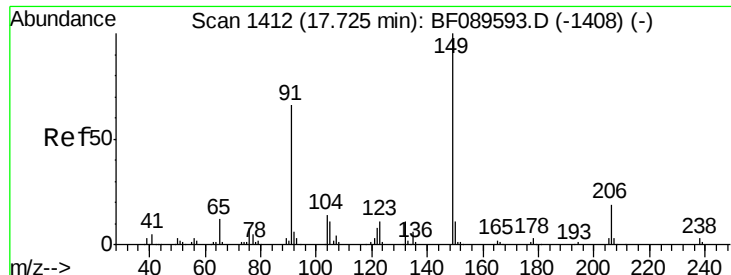
Lab File: BF089657.D

Acq: 6 Aug 2016 8:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 365538 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.8   | 6.4   | 9.6    |
| 122       | 14.3  | 12.2  | 18.2   |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





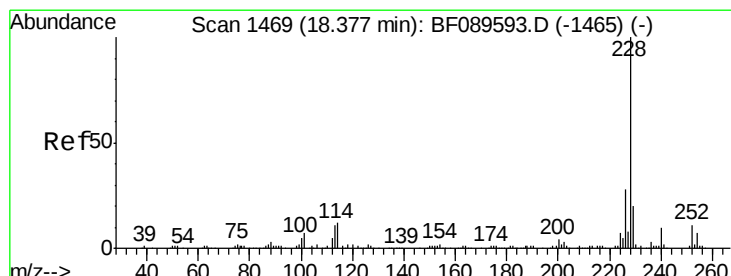
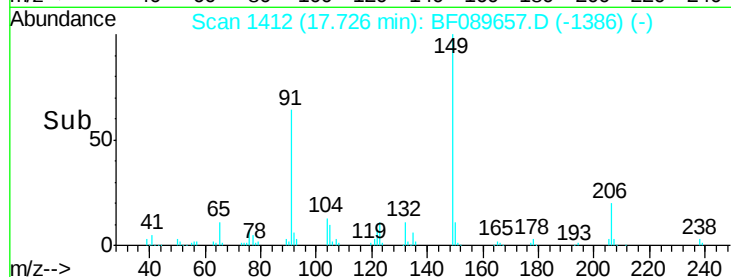
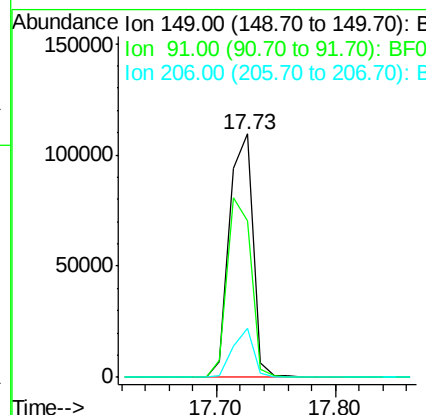
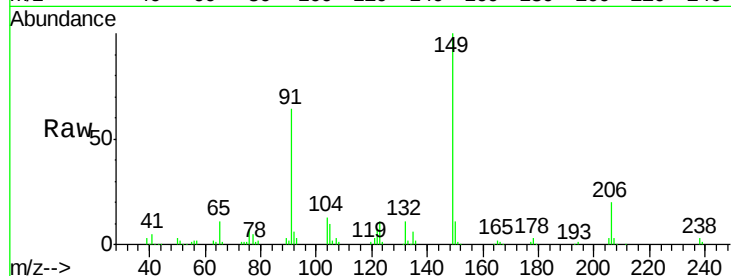
#79  
Butylbenzylphthalate  
Concen: 33.12 ng  
RT: 17.73 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 64.1  | 52.6       | 78.8       |
| 206     | 20.1  | 15.4       | 23.0       |

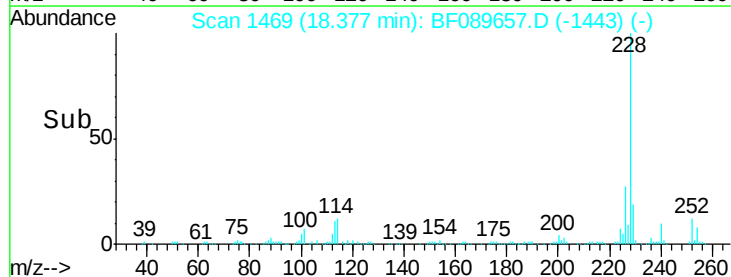
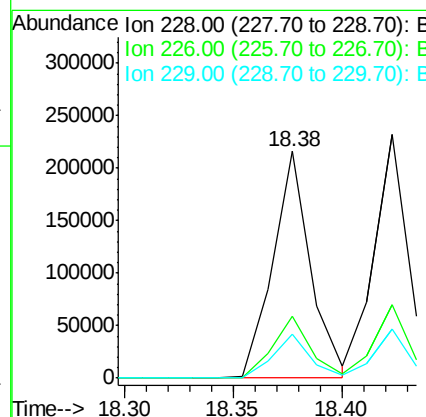
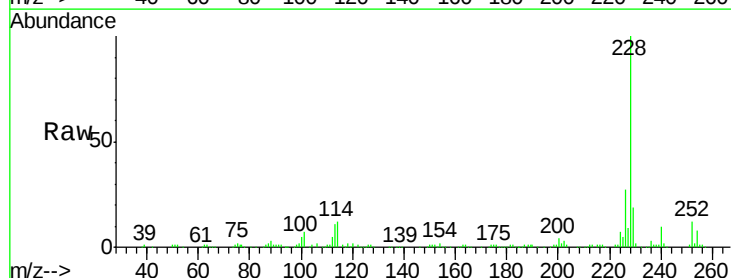
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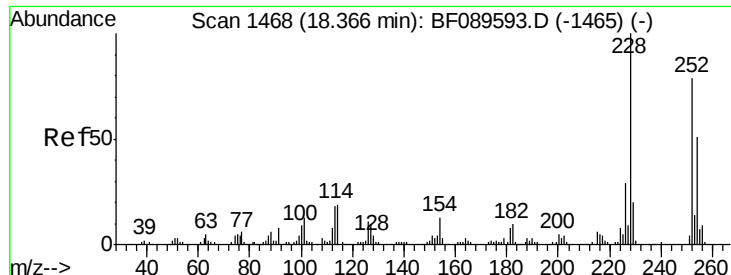
umangi  
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#80  
Benzo(a)anthracene  
Concen: 37.78 ng  
RT: 18.38 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.2  | 22.3       | 33.5       |
| 229     | 19.4  | 15.9       | 23.9       |





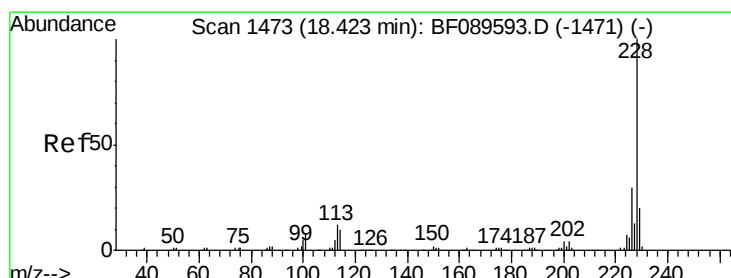
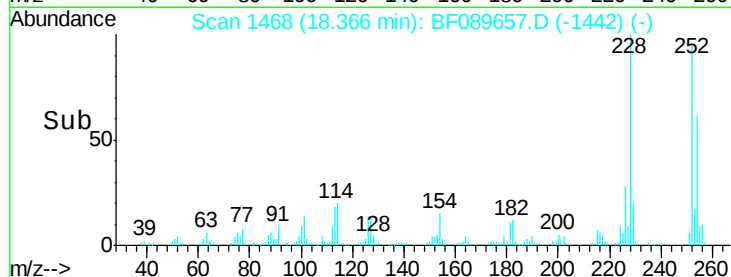
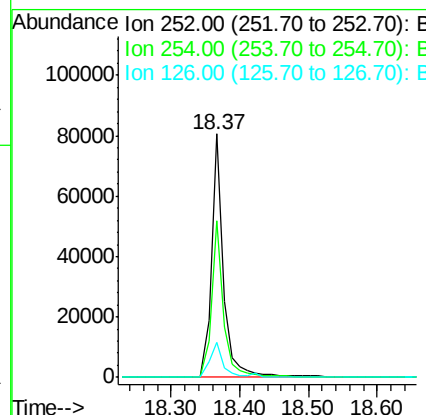
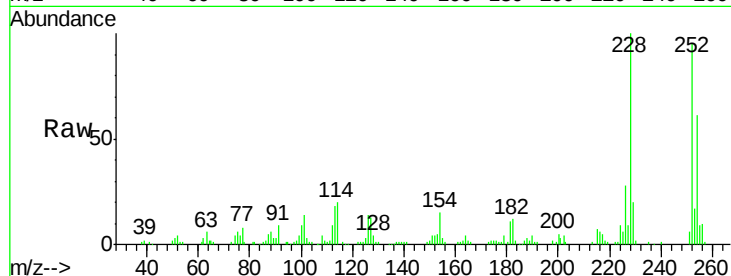
#81  
 3,3'-Dichlorobenzidine  
 Concen: 45.21 ng  
 RT: 18.37 min Scan# 1468  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.3  | 51.7  | 77.5  |
| 126     | 14.2  | 11.0  | 16.4  |

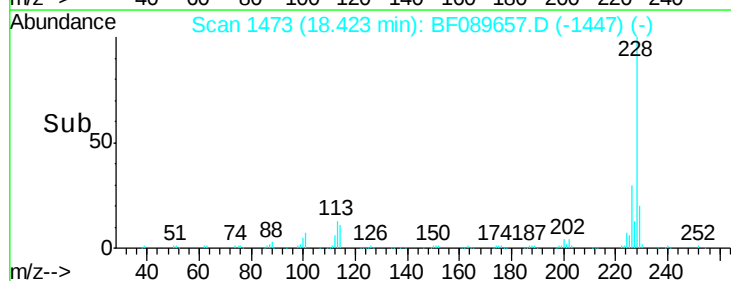
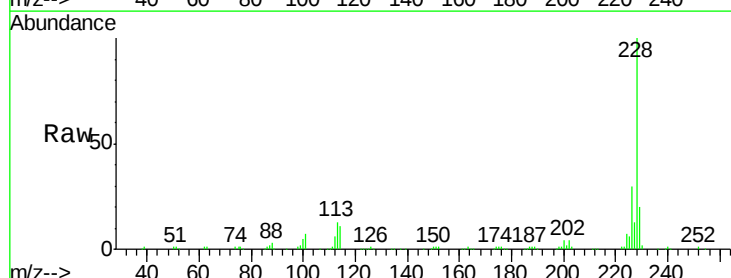
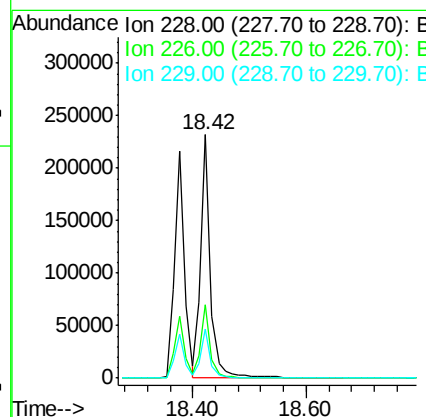
Manual Integrations  
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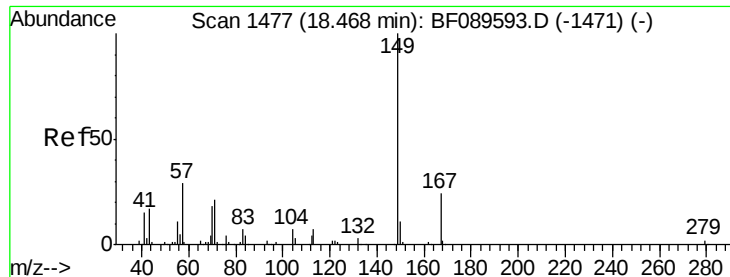
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#82  
 Chrysene  
 Concen: 37.78 ng  
 RT: 18.42 min Scan# 1473  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.2  | 36.2  |
| 229     | 19.9  | 16.0  | 24.0  |





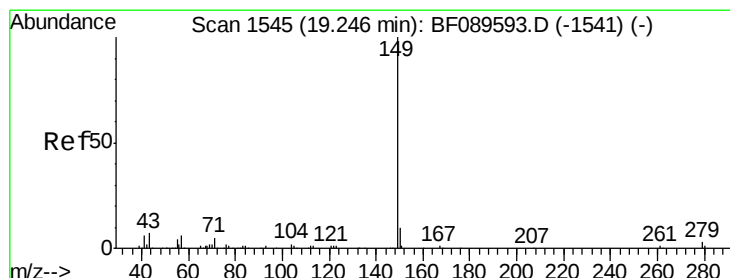
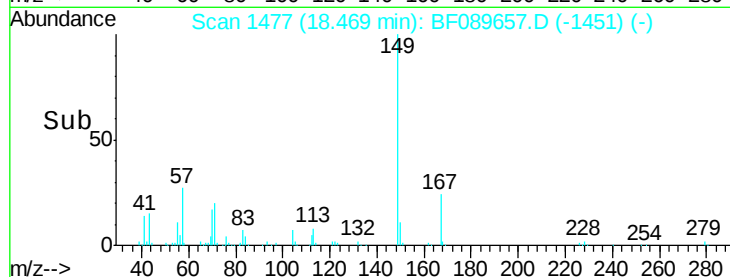
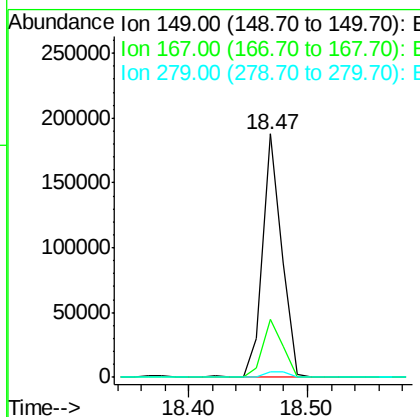
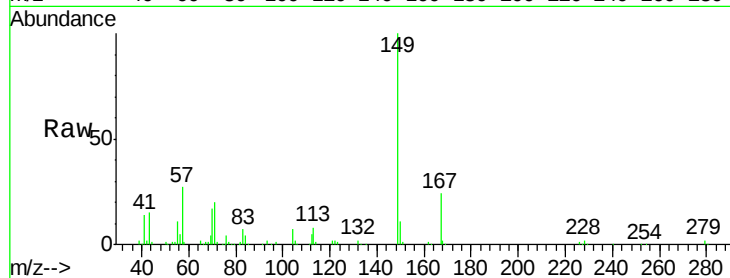
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.88 ng  
 RT: 18.47 min Scan# 1477  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 213226 |       |       |
| 167     | 23.6  | 19.0   | 28.4  |       |
| 279     | 2.3   | 1.8    | 2.6   |       |

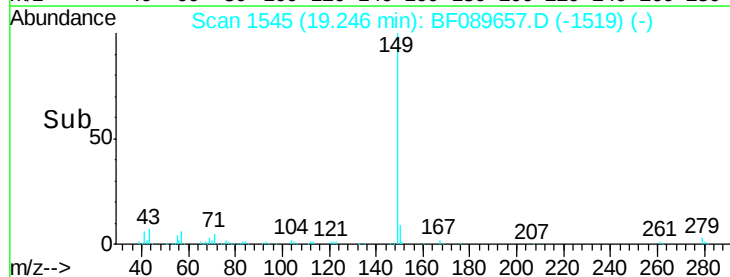
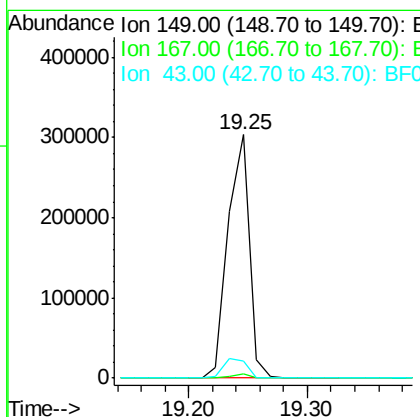
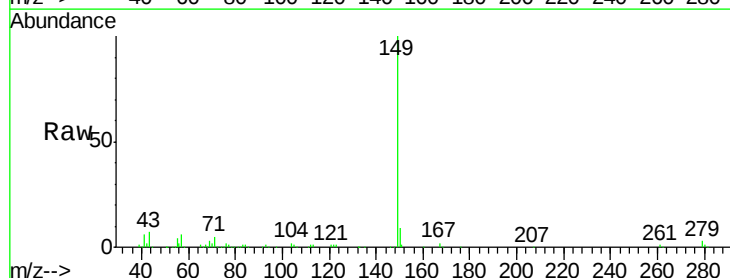
Manual Integrations  
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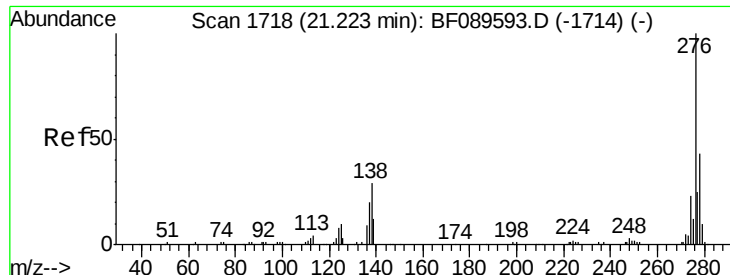
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#84  
 Di-n-octyl phthalate  
 Concen: 41.86 ng  
 RT: 19.25 min Scan# 1545  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 379052 |       |       |
| 167     | 1.4   | 1.1    | 1.7   |       |
| 43      | 9.2   | 7.0    | 10.4  |       |





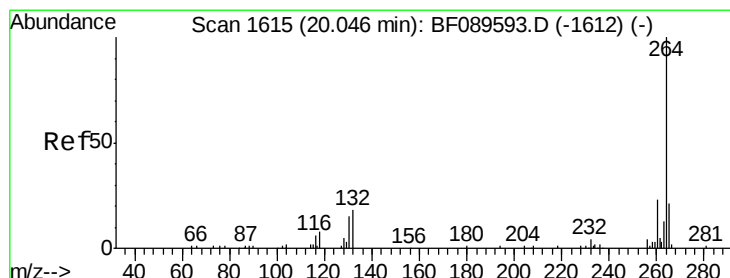
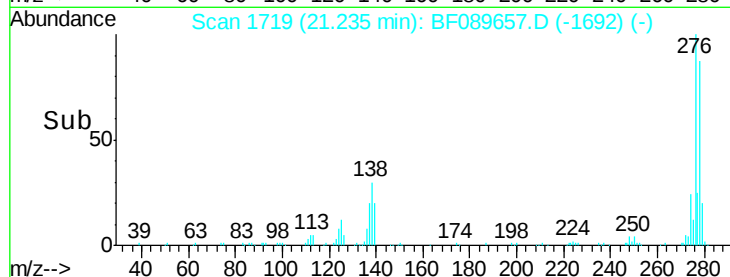
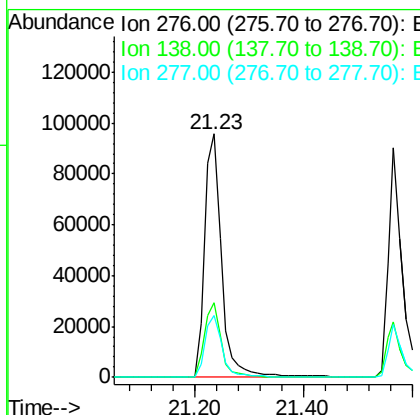
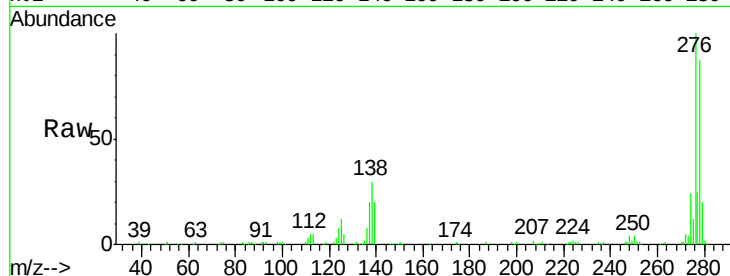
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.45 ng  
 RT: 21.23 min Scan# 1719  
 Delta R.T. 0.01 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.2  | 23.8  | 35.8  |
| 277     | 25.3  | 20.3  | 30.5  |

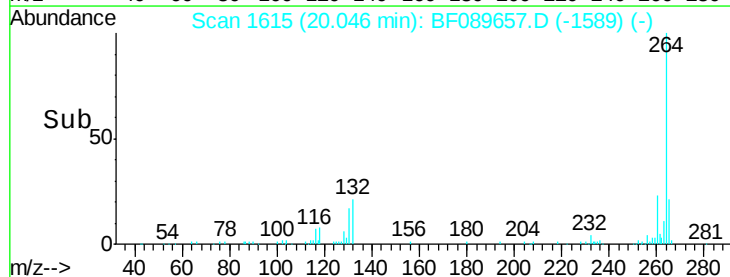
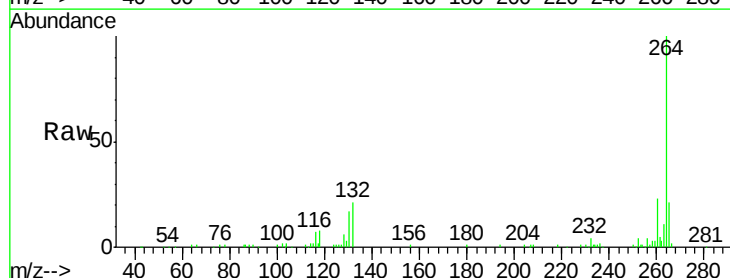
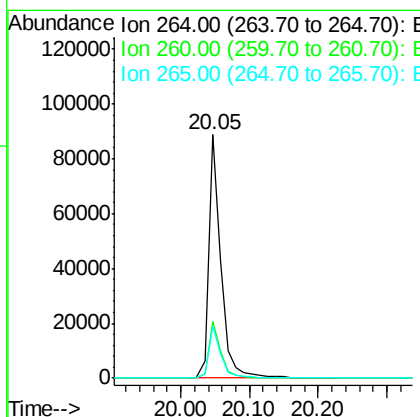
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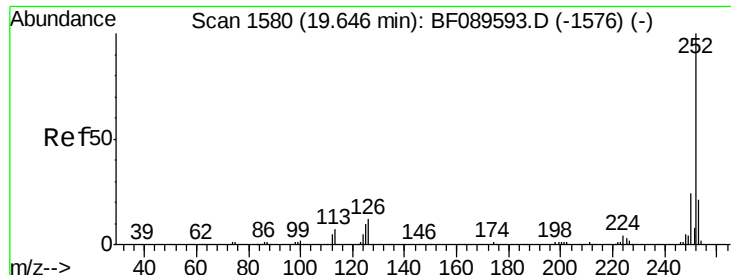
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.05 min Scan# 1615  
 Delta R.T. 0.00 min  
 Lab File: BF089657.D  
 Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 18.7  | 28.1  |
| 265     | 21.1  | 16.5  | 24.7  |





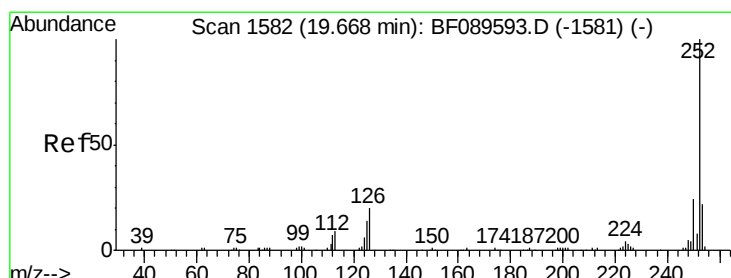
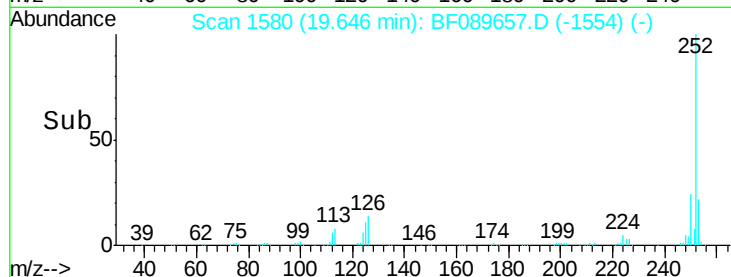
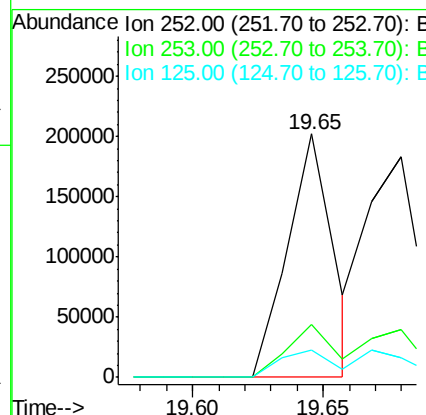
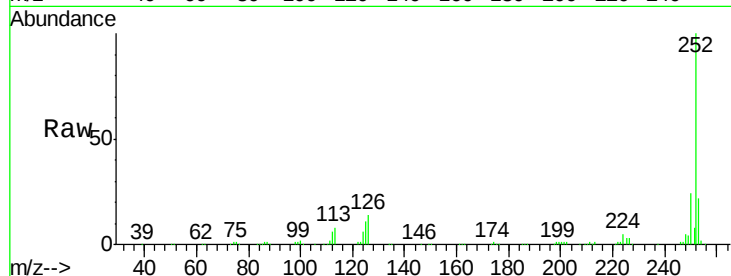
#87  
Benzo(b)fluoranthene  
Concen: 36.29 ng  
RT: 19.65 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 245628 |       |       |
| 253     | 22.0  | 17.1   | 25.7  |       |
| 125     | 11.3  | 7.8    | 11.8  |       |

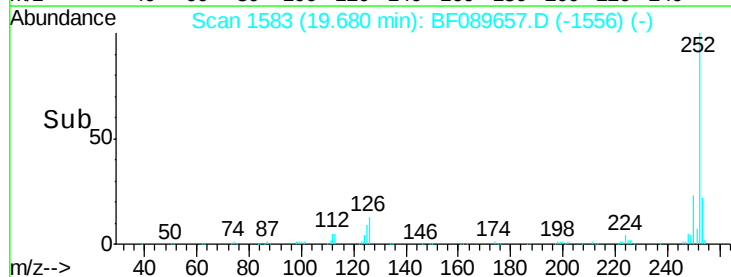
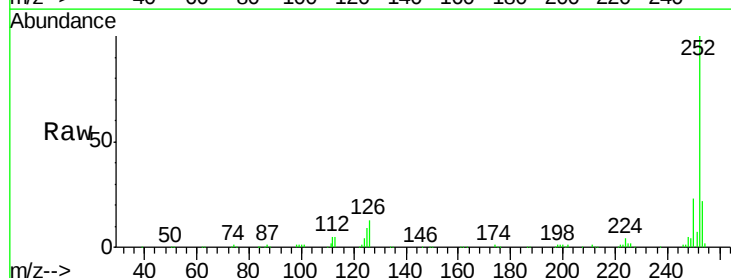
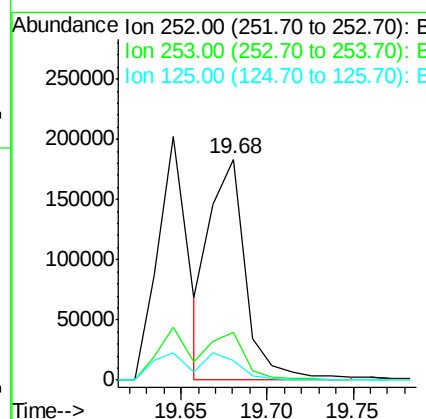
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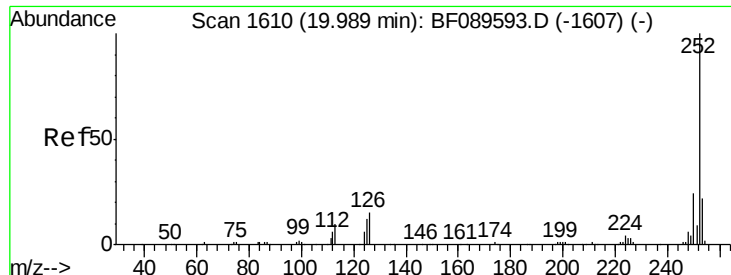
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#88  
Benzo(k)fluoranthene  
Concen: 39.33 ng m  
RT: 19.68 min Scan# 1583  
Delta R.T. 0.01 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 268553 |       |       |
| 253     | 21.6  | 17.3   | 25.9  |       |
| 125     | 8.8   | 11.0   | 16.6  |       |





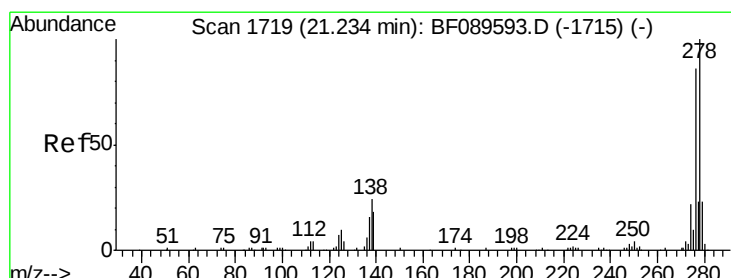
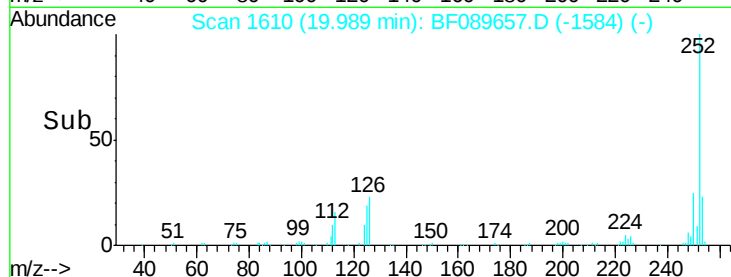
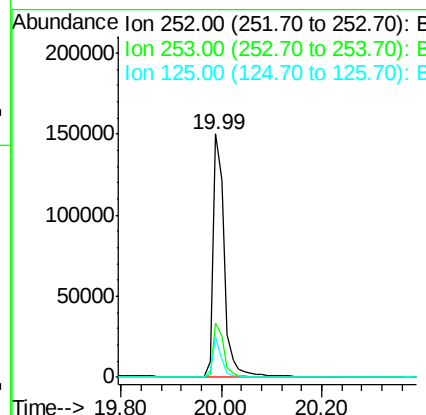
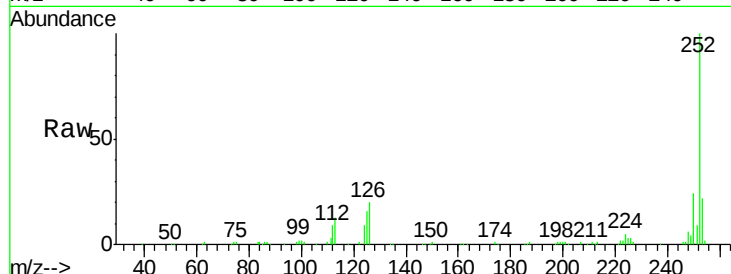
#89  
Benzo(a)pyrene  
Concen: 36.25 ng  
RT: 19.99 min Scan# 1610  
Delta R.T. 0.00 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.4  | 26.0  |
| 125     | 16.4  | 9.9   | 14.9  |

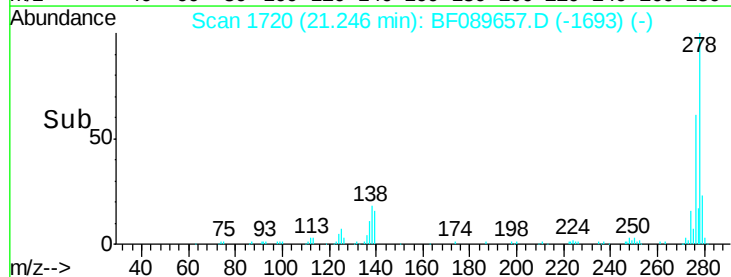
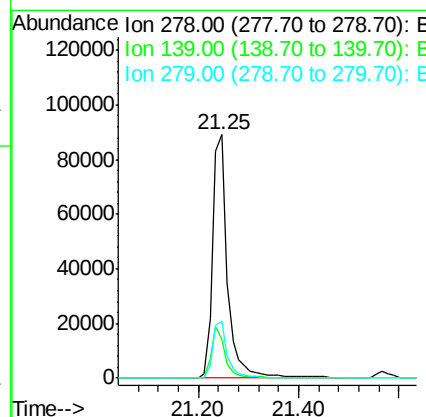
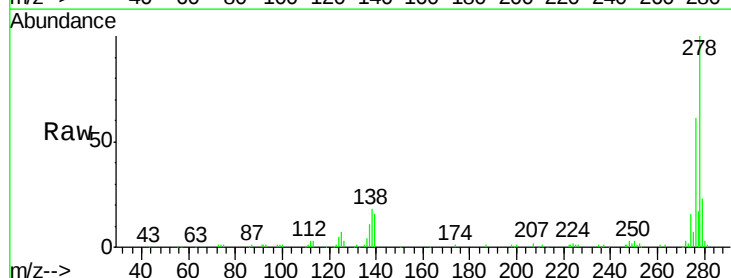
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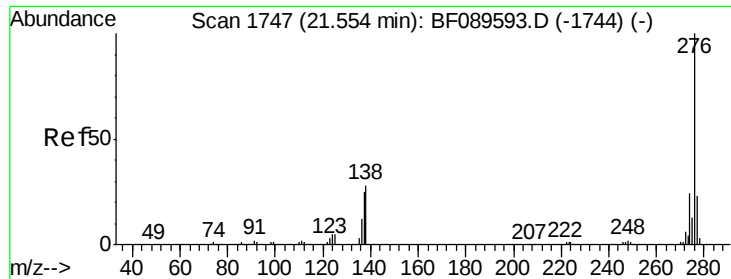
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#90  
Dibenzo(a,h)anthracene  
Concen: 31.26 ng  
RT: 21.25 min Scan# 1720  
Delta R.T. 0.01 min  
Lab File: BF089657.D  
Acq: 6 Aug 2016 8:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 14.6  | 21.8  |
| 279     | 23.2  | 18.4  | 27.6  |





#91

Benzo(g,h,i)perylene

Concen: 28.49 ng

RT: 21.57 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF089657.D

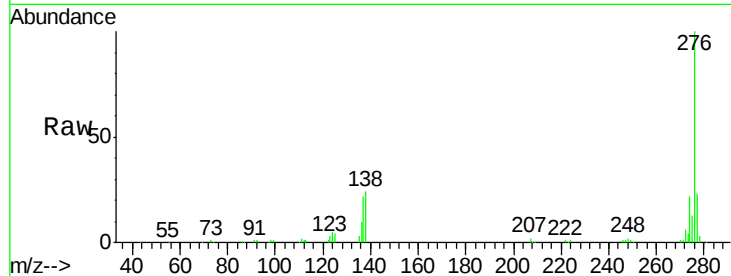
Acq: 6 Aug 2016 8:40

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC



|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 172653 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.2 | 18.6  | 28.0   |
| 138       | 24.3 | 22.6  | 33.8   |

Manual Integrations  
APPROVED

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