

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\  
 Data File : BF075525.D  
 Acq On : 15 Nov 2014 7:22  
 Operator : TP / JJ  
 Sample : PB80209BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

Manual Integrations  
 APPROVED

mohammad  
 11/17/2014 7:36:06 PM

Quant Time: Nov 16 02:50:43 2014  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 16 02:30:12 2014  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 48784    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.13  | 136  | 211552   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.32 | 164  | 105332   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 13.16 | 188  | 177454   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.47 | 240  | 194819   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 18.27 | 264  | 196222   | 20.00 | ng    | 0.03     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.84  | 112 | 428814 | 155.29 | ng | 0.01 |
| 7) Phenol-d6             | 7.10  | 99  | 529038 | 159.31 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 8.24  | 82  | 294655 | 102.12 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.30 | 330 | 123807 | 140.33 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 10.48 | 172 | 562803 | 96.55  | ng | 0.00 |
| 78) Terphenyl-d14        | 15.16 | 244 | 614386 | 84.90  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.48  | 88  | 43874   | 37.85 | ng | 97     |
| 3) Pyridine                    | 3.27  | 79  | 126452m | 40.60 | ng |        |
| 4) n-Nitrosodimethylamine      | 3.19  | 42  | 64065   | 38.85 | ng | # 78   |
| 6) Aniline                     | 7.13  | 93  | 128358  | 26.76 | ng | 100    |
| 8) 2-Chlorophenol              | 7.28  | 128 | 136085  | 42.58 | ng | 95     |
| 9) Benzaldehyde                | 7.00  | 77  | 4835    | 2.16  | ng | 96     |
| 10) Phenol                     | 7.11  | 94  | 191550  | 47.29 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 7.24  | 93  | 139098  | 45.33 | ng | # 82   |
| 12) 1,3-Dichlorobenzene        | 7.48  | 146 | 150229  | 43.13 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.57  | 146 | 144848  | 40.88 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.76  | 146 | 138880  | 41.80 | ng | # 92   |
| 15) Benzyl Alcohol             | 7.73  | 79  | 108351  | 41.56 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.91  | 45  | 270129  | 42.53 | ng | 92     |
| 17) 2-Methylphenol             | 7.86  | 107 | 114738  | 43.36 | ng | 98     |
| 18) Hexachloroethane           | 8.17  | 117 | 50241   | 41.35 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.06  | 70  | 98768   | 43.65 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.05  | 107 | 146734  | 42.35 | ng | # 86   |
| 22) Acetophenone               | 8.06  | 105 | 193253  | 42.35 | ng | 97     |
| 24) Nitrobenzene               | 8.26  | 77  | 152948  | 45.74 | ng | 98     |
| 25) Isophorone                 | 8.56  | 82  | 270486  | 41.06 | ng | 99     |
| 26) 2-Nitrophenol              | 8.65  | 139 | 63884   | 41.93 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 8.71  | 122 | 119892  | 40.60 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.84  | 93  | 175075  | 43.61 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.95  | 162 | 108536  | 41.95 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 9.06  | 180 | 107297  | 39.50 | ng | 99     |
| 31) Naphthalene                | 9.16  | 128 | 422041  | 44.75 | ng | 100    |
| 32) Benzoic acid               | 8.80  | 122 | 81659   | 45.77 | ng | 96     |
| 33) 4-Chloroaniline            | 9.22  | 127 | 96193   | 23.47 | ng | 98     |
| 34) Hexachlorobutadiene        | 9.32  | 225 | 54481   | 37.11 | ng | 94     |
| 35) Caprolactam                | 9.64  | 113 | 36303   | 42.34 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 9.82  | 107 | 118295  | 41.67 | ng | 94     |
| 37) 2-Methylnaphthalene        | 10.01 | 142 | 267040  | 41.50 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.22 | 216 | 97178   | 44.88 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.21 | 237 | 122102  | 92.83 | ng | 98     |

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Manual Integrations  
 APPROVED

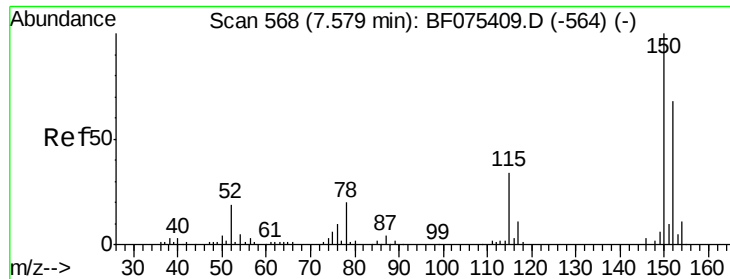
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 11/17/2014 7:36:06 PM

Quant Time: Nov 16 02:50:43 2014  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 10.37 | 196  | 69678    | 40.47 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 10.40 | 196  | 76367    | 42.59 | nq #  | 80       |
| 45) 1,1'-Biphenyl              | 10.60 | 154  | 321526   | 45.25 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 10.62 | 162  | 253133   | 45.57 | nq    | 97       |
| 47) 2-Nitroaniline             | 10.74 | 65   | 83061    | 49.69 | nq #  | 88       |
| 48) Acenaphthylene             | 11.13 | 152  | 432051   | 47.17 | nq    | 98       |
| 49) Dimethylphthalate          | 10.98 | 163  | 300108   | 41.68 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 11.05 | 165  | 65224    | 45.99 | nq #  | 79       |
| 51) Acenaphthene               | 11.35 | 154  | 273897   | 49.54 | nq    | 98       |
| 52) 3-Nitroaniline             | 11.26 | 138  | 60038    | 35.90 | nq #  | 82       |
| 53) 2,4-Dinitrophenol          | 11.38 | 184  | 56604    | 73.76 | nq    | 85       |
| 54) Dibenzofuran               | 11.57 | 168  | 356189   | 45.08 | nq    | 93       |
| 55) 4-Nitrophenol              | 11.45 | 139  | 126306   | 94.48 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 11.56 | 165  | 89715    | 48.15 | nq    | 91       |
| 57) Fluorene                   | 11.99 | 166  | 293874   | 45.99 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.72 | 232  | 65909    | 46.30 | nq #  | 93       |
| 59) Diethylphthalate           | 11.86 | 149  | 289637   | 38.76 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 12.00 | 204  | 126453   | 46.02 | nq #  | 84       |
| 61) 4-Nitroaniline             | 12.01 | 138  | 79202    | 47.38 | nq    | 83       |
| 62) Azobenzene                 | 12.20 | 77   | 280799   | 42.72 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 12.05 | 198  | 37521    | 41.80 | nq #  | 53       |
| 65) n-Nitrosodiphenylamine     | 12.14 | 169  | 239235   | 42.62 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.61 | 248  | 73737    | 44.17 | nq #  | 88       |
| 67) Hexachlorobenzene          | 12.68 | 284  | 83037    | 43.80 | nq #  | 81       |
| 68) Atrazine                   | 12.81 | 200  | 73093    | 41.96 | nq    | 97       |
| 69) Pentachlorophenol          | 12.92 | 266  | 101230   | 85.07 | nq    | 97       |
| 70) Phenanthrene               | 13.19 | 178  | 440777   | 47.20 | nq    | 99       |
| 71) Anthracene                 | 13.26 | 178  | 442404   | 45.83 | nq    | 99       |
| 72) Carbazole                  | 13.45 | 167  | 436420   | 46.20 | nq    | 99       |
| 73) Di-n-butylphthalate        | 13.90 | 149  | 504543   | 38.67 | nq    | 100      |
| 74) Fluoranthene               | 14.67 | 202  | 451392   | 45.13 | nq    | 97       |
| 76) Benzidine                  | 14.84 | 184  | 246562   | 39.80 | nq    | 97       |
| 77) Pyrene                     | 14.95 | 202  | 483189   | 42.66 | nq    | 100      |
| 79) Butylbenzylphthalate       | 15.77 | 149  | 221748   | 34.86 | nq    | 94       |
| 80) Benzo(a)anthracene         | 16.46 | 228  | 461843   | 45.13 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 16.43 | 252  | 83117    | 21.99 | nq #  | 96       |
| 82) Chrysene                   | 16.51 | 228  | 420276   | 47.48 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.49 | 149  | 308932   | 30.83 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 17.32 | 149  | 559864   | 31.74 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.83 | 276  | 518226m  | 48.26 | nq    |          |
| 87) Benzo(b)fluoranthene       | 17.80 | 252  | 494780   | 47.16 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 17.83 | 252  | 393122   | 41.75 | nq    | 98       |
| 89) Benzo(a)pyrene             | 18.20 | 252  | 430972   | 45.91 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.87 | 278  | 447724   | 45.67 | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 20.30 | 276  | 436094   | 46.69 | nq    | 96       |
| -----                          |       |      |          |       |       |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

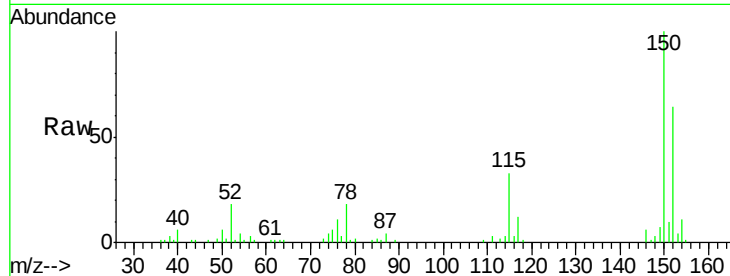
ClientSampleId :

PB80209BS

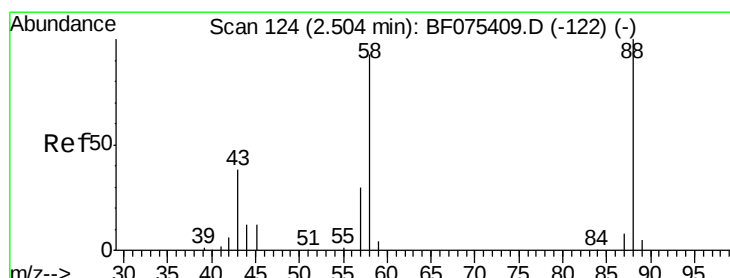
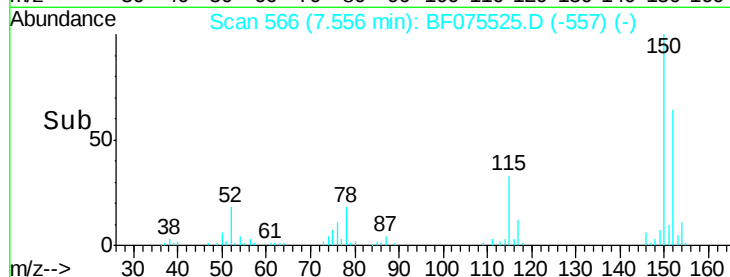
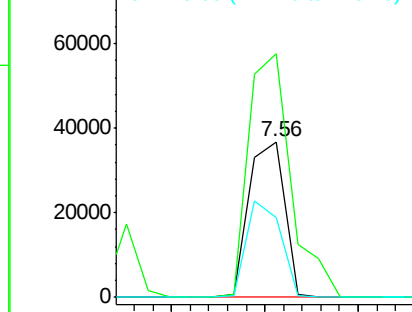
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 48784 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 156.8 | 127.2 | 190.8 |
| 115       | 51.5  | 57.1  | 85.7# |

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



#2

1,4-Dioxane

Concen: 37.85 ng

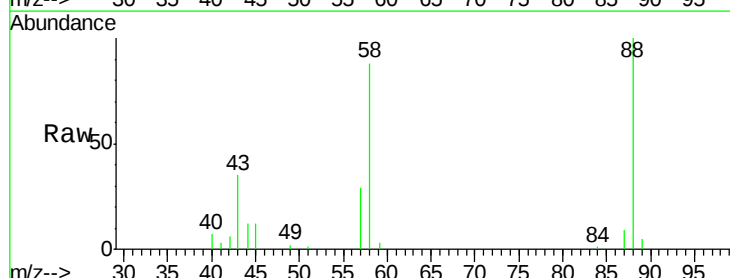
RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

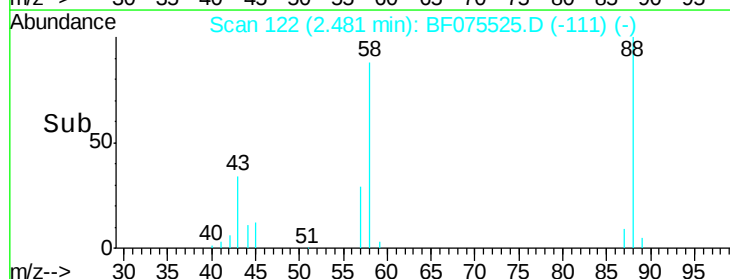
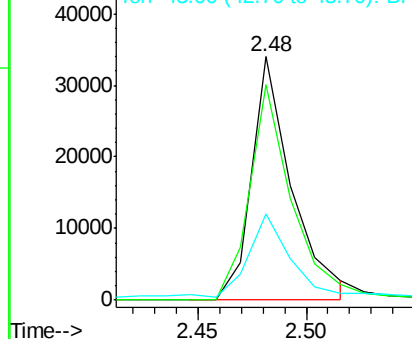
Lab File: BF075525.D

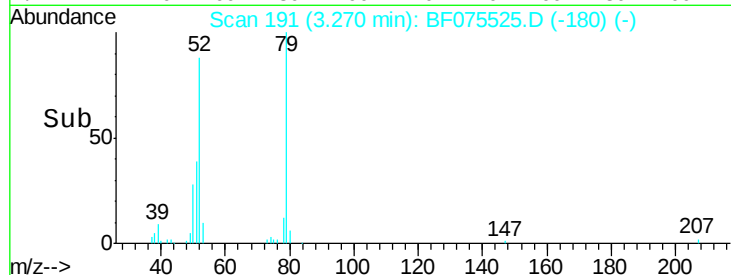
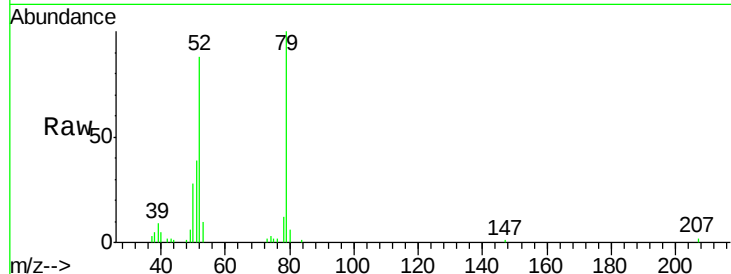
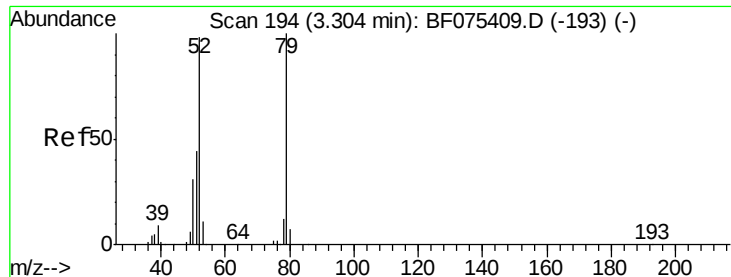
Acq: 15 Nov 2014 7:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 43874 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 92.4  | 73.5  | 110.3 |
| 43        | 34.9  | 31.9  | 47.9  |



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





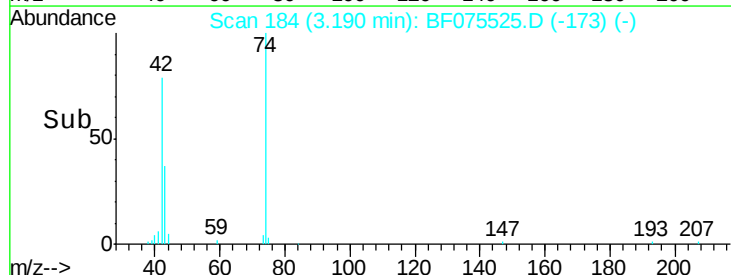
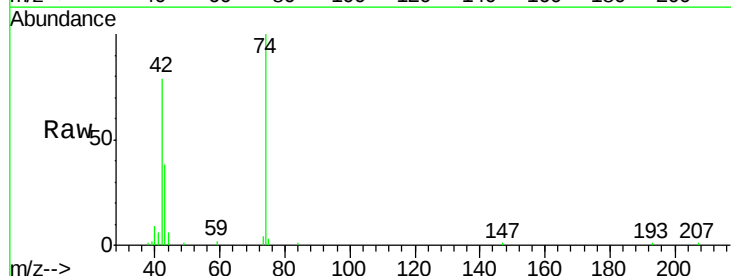
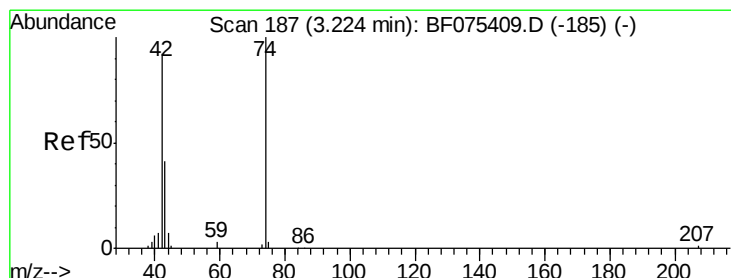
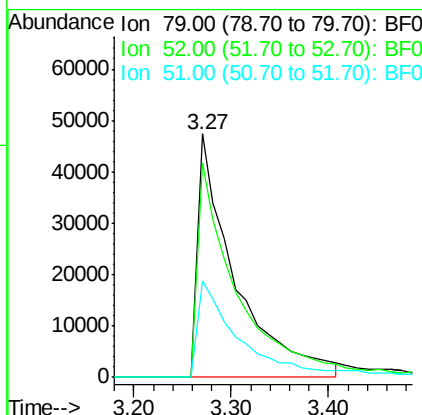
#3  
 Pvridine  
 Concen: 40.60 ng/ml  
 RT: 3.27 min Scan# 191  
 Delta R.T. 0.02 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 126452 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 87.8  | 76.6  | 115.0  |
| 51        | 39.4  | 37.0  | 55.4   |

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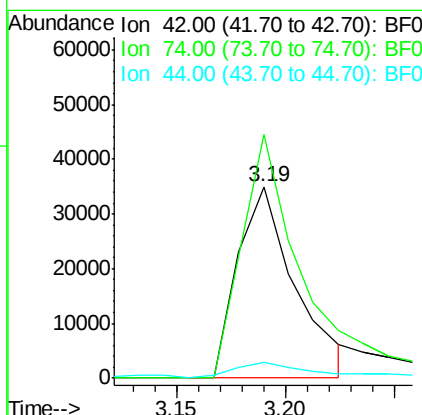
Manual Integrations  
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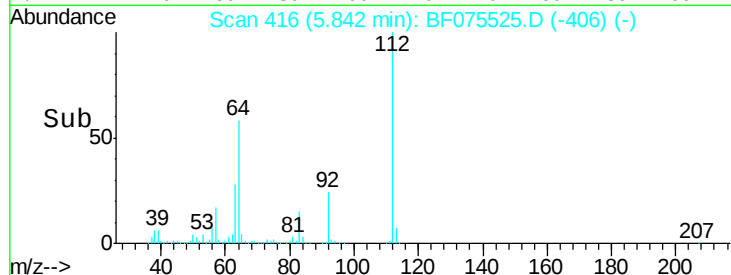
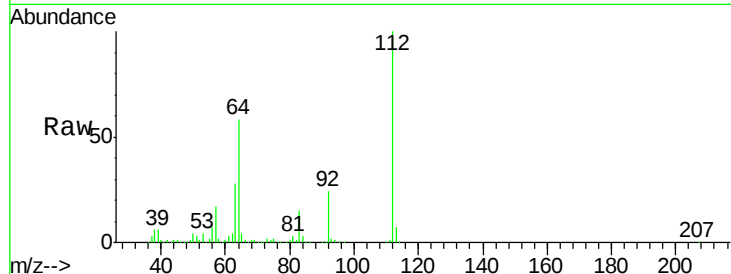
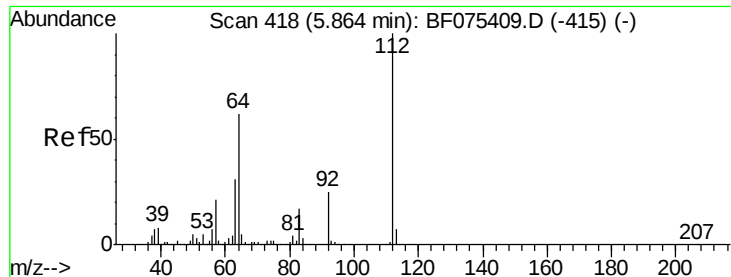
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#4  
 n-Nitrosodimethylamine  
 Concen: 38.85 ng/ml  
 RT: 3.19 min Scan# 184  
 Delta R.T. 0.02 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 64065  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 127.3 | 82.4  | 123.6# |
| 44        | 8.1   | 8.2   | 12.4#  |





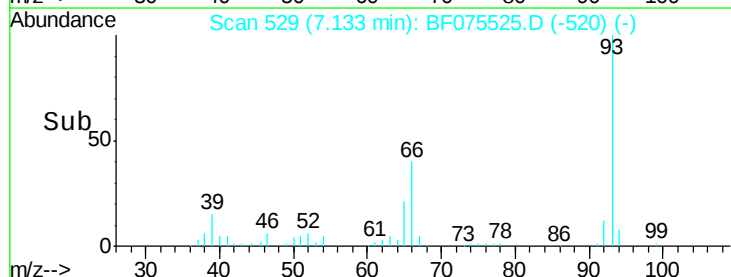
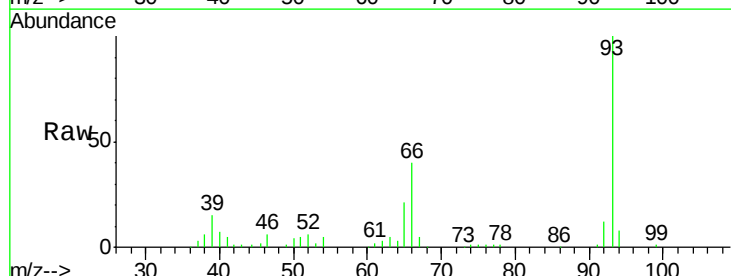
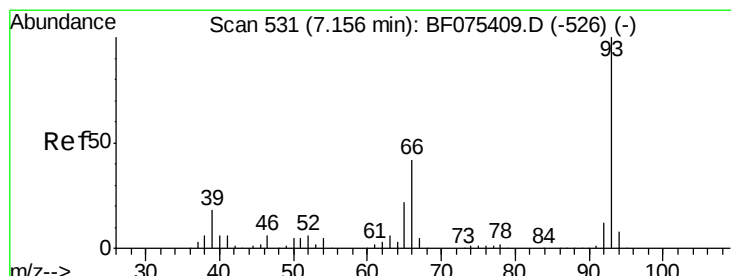
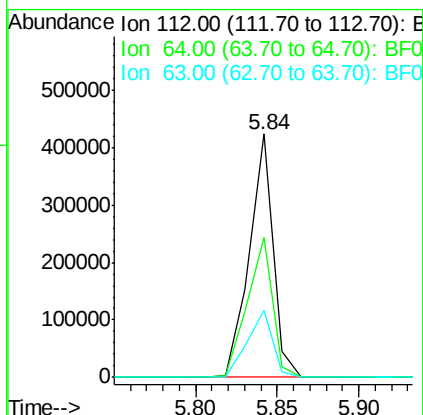
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2-Fluorophenol  
Concen: 155.29 ng  
RT: 5.84 min Scan# 416  
Delta R.T. 0.01 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 428814 |       |       |
| 64      | 57.7  | 45.8   | 68.6  |       |
| 63      | 27.8  | 22.7   | 34.1  |       |

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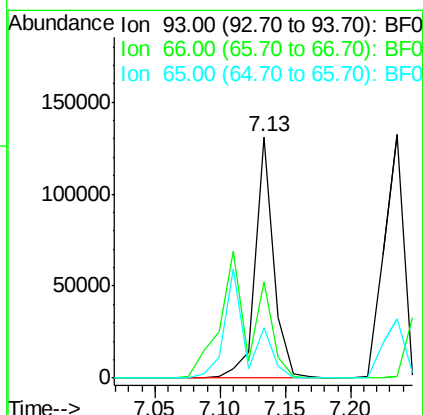
Manual Integrations  
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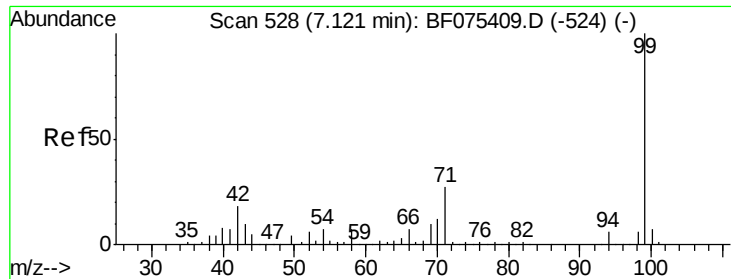
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#6  
Aniline  
Concen: 26.76 ng  
RT: 7.13 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 128358 |       |       |
| 66      | 40.0  | 31.8   | 47.8  |       |
| 65      | 20.9  | 16.6   | 25.0  |       |





#7

Phenol-d6

Concen: 159.31 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

ClientSampleId :

PB80209BS

Tot Ion: 99 Resp: 529038

Ion Ratio Lower Upper

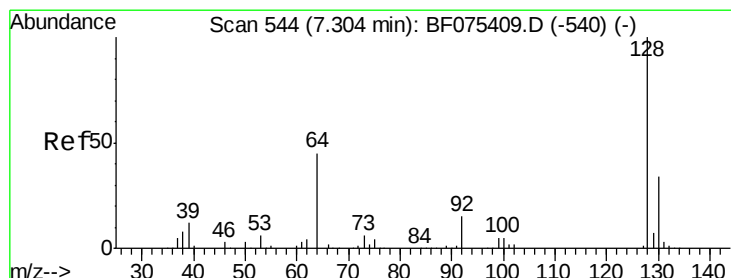
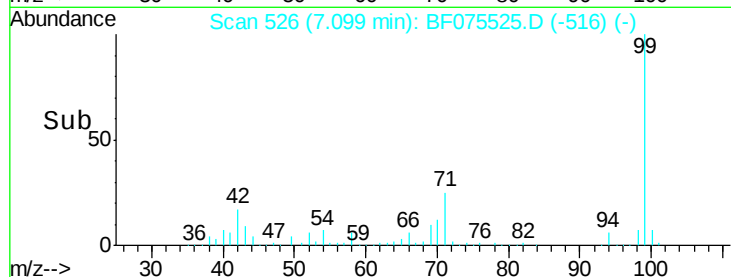
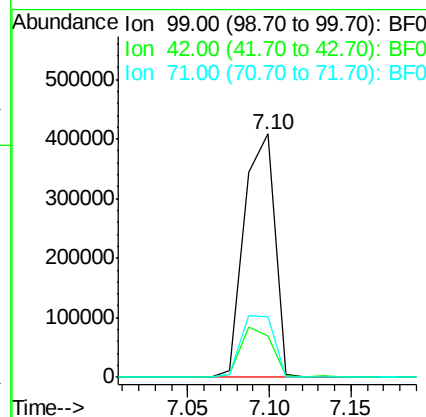
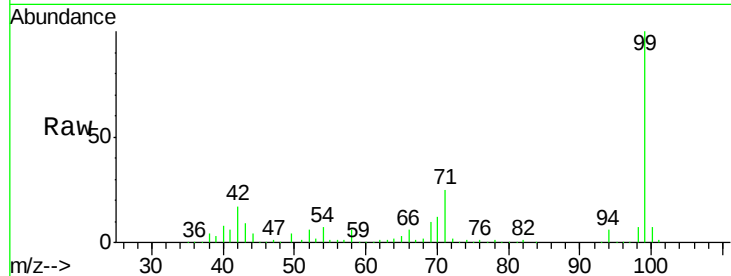
99 100

42 16.8 19.8 29.6#

71 24.9 25.5 38.3#

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.58 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

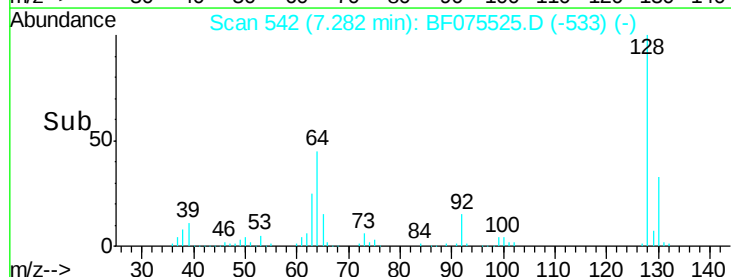
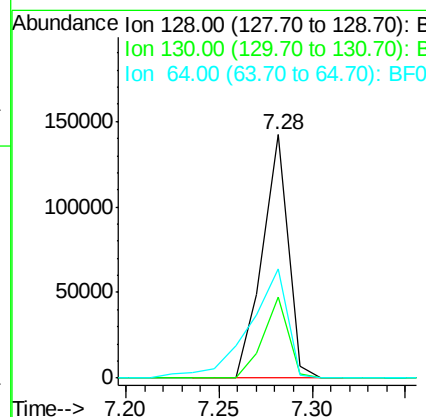
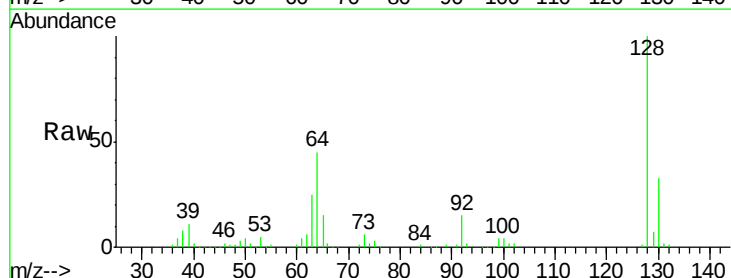
Tgt Ion: 128 Resp: 136085

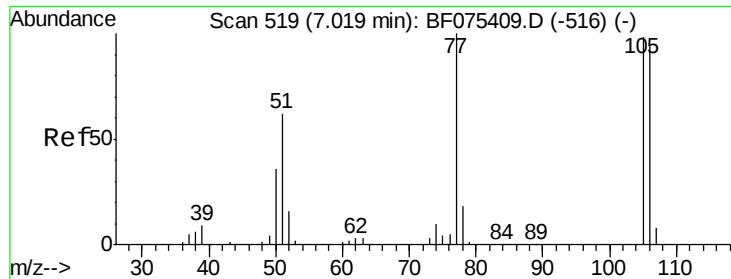
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 45.1 20.3 60.3





#9

Benzaldehyde

Concen: 2.16 ng

RT: 7.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

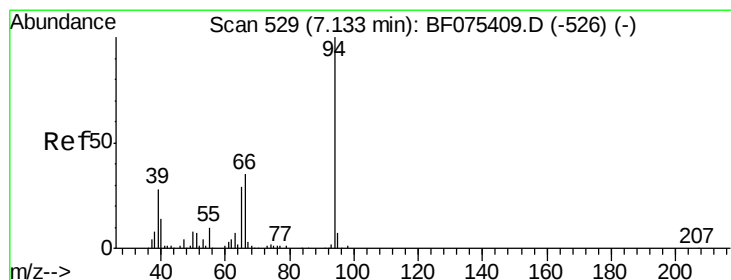
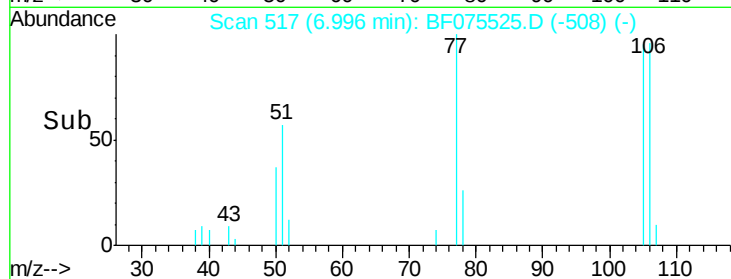
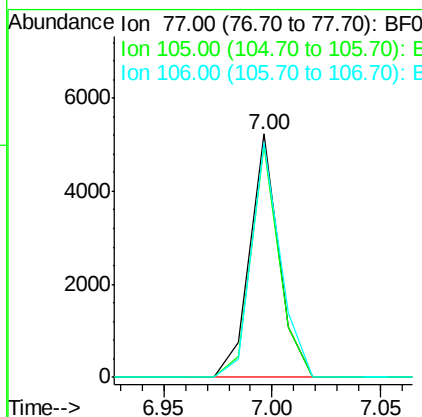
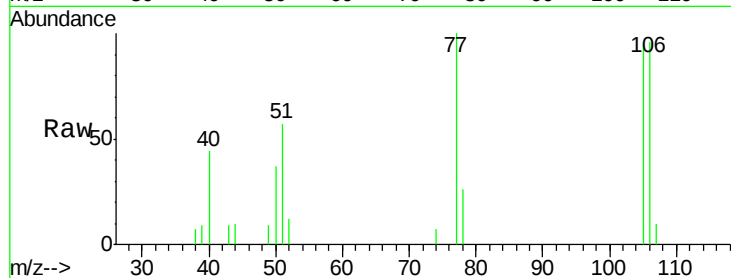
ClientSampleId :

PB80209BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 4835  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 95.2  | 81.6  | 121.6 |
| 106      | 96.3  | 77.5  | 117.5 |

Manual Integrations  
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#10

Phenol

Concen: 47.29 ng

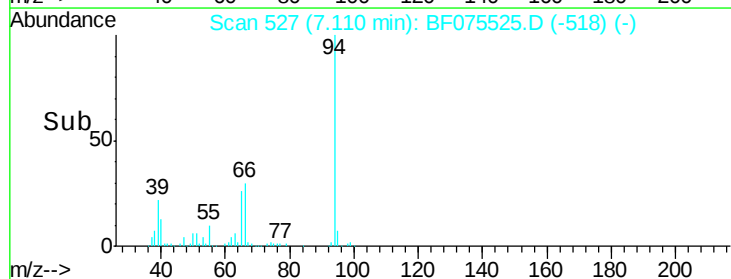
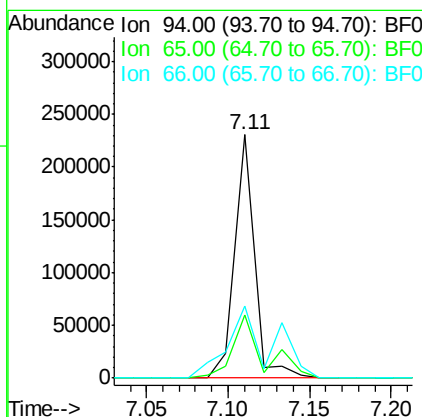
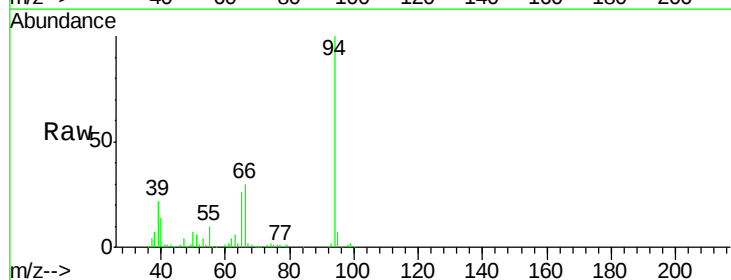
RT: 7.11 min Scan# 527

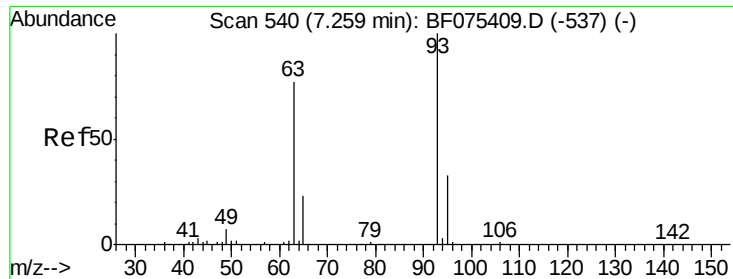
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 191550 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 25.8  | 13.1  | 53.1   |
| 66       | 29.8  | 20.8  | 60.8   |





#11

bis(2-Chloroethyl)ether

Concen: 45.33 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

ClientSampleId :

PB80209BS

Tot Ion: 93 Resp: 139098

Ion Ratio Lower Upper

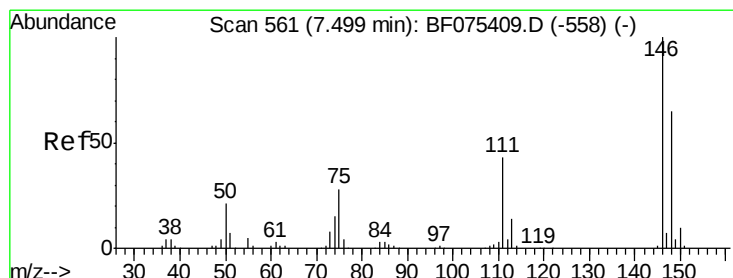
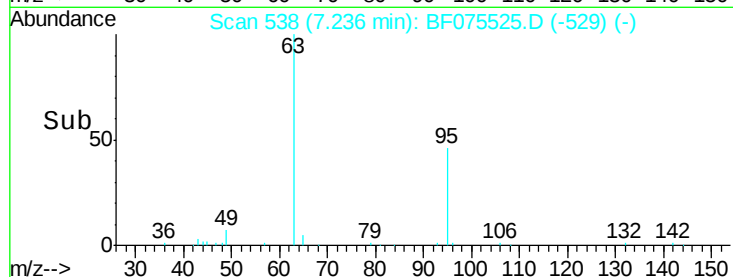
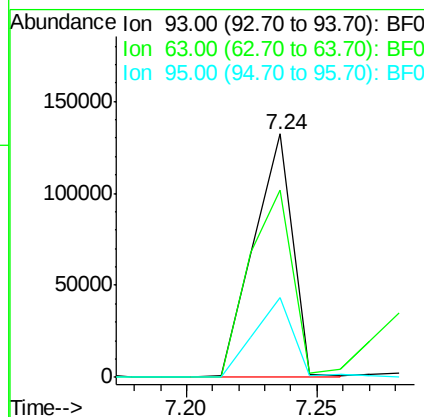
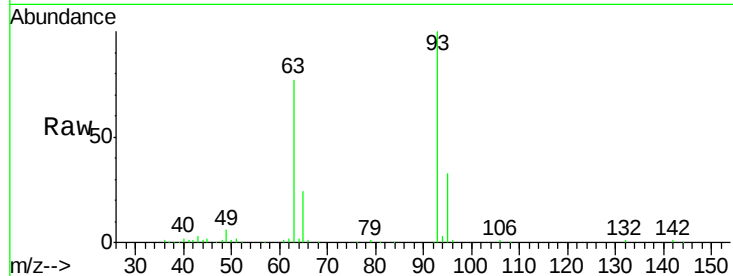
93 100

63 76.7 79.8 119.8#

95 32.7 11.2 51.2

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#12

1,3-Dichlorobenzene

Concen: 43.13 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

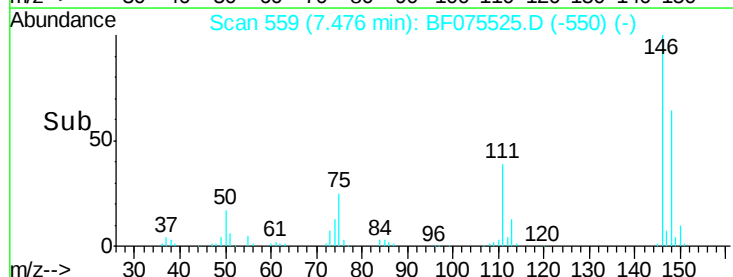
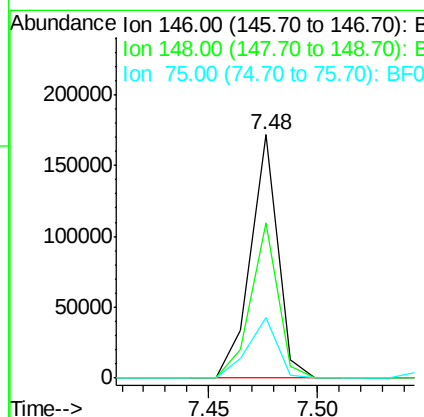
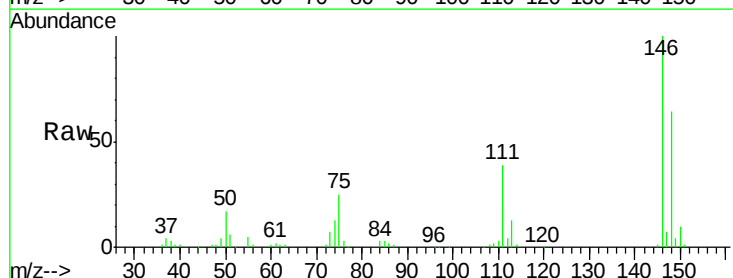
Tgt Ion: 146 Resp: 150229

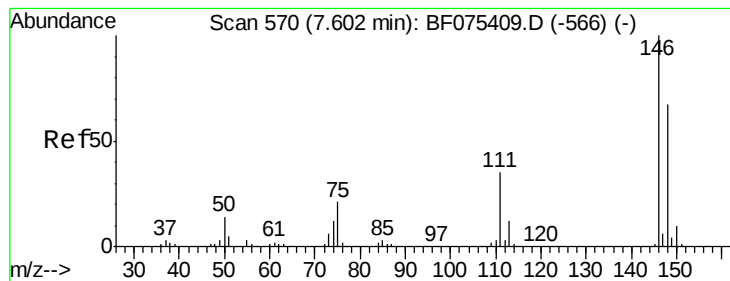
Ion Ratio Lower Upper

146 100

148 63.7 53.1 79.7

75 24.7 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 40.88 ng

RT: 7.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

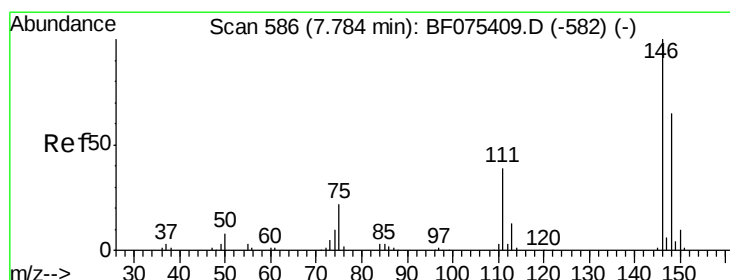
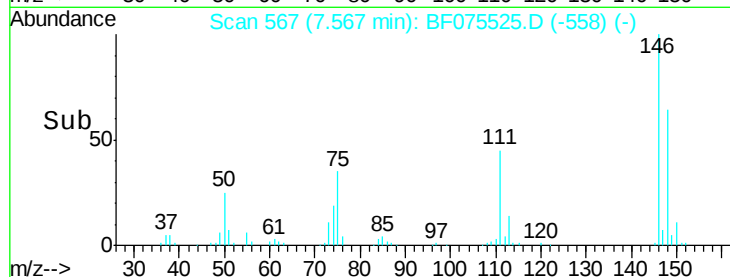
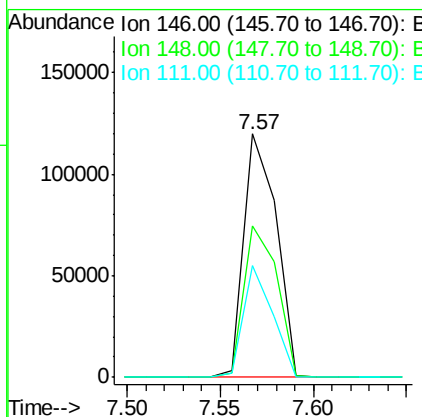
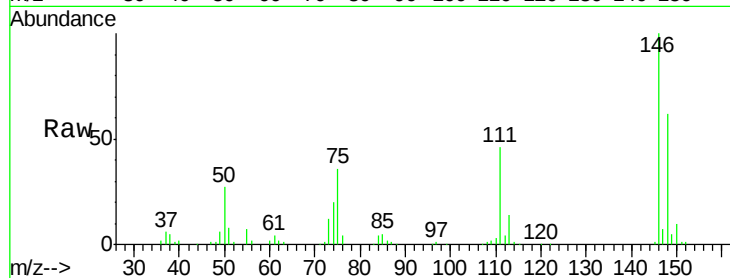
ClientSampleId :

PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 144848 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.4  | 49.9  | 74.9   |
| 111       | 46.0  | 35.8  | 53.6   |

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#14

1,2-Dichlorobenzene

Concen: 41.80 ng

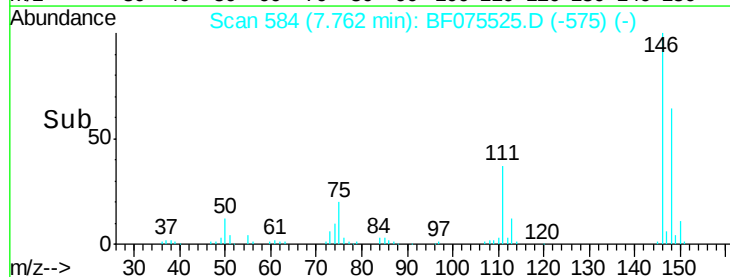
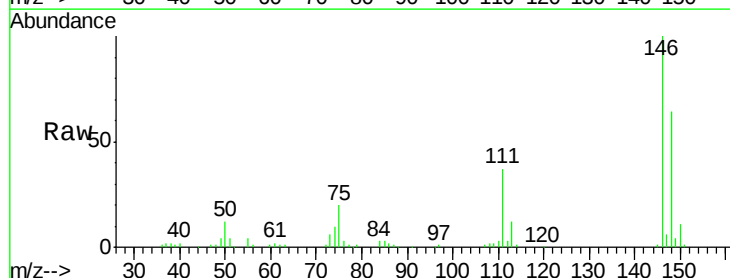
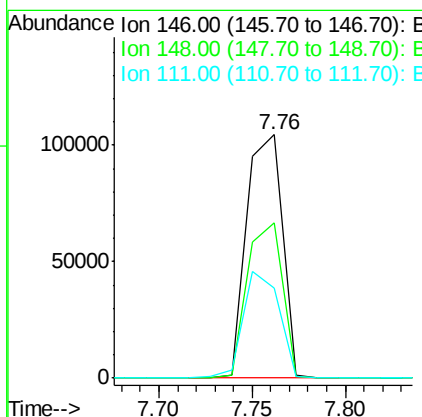
RT: 7.76 min Scan# 584

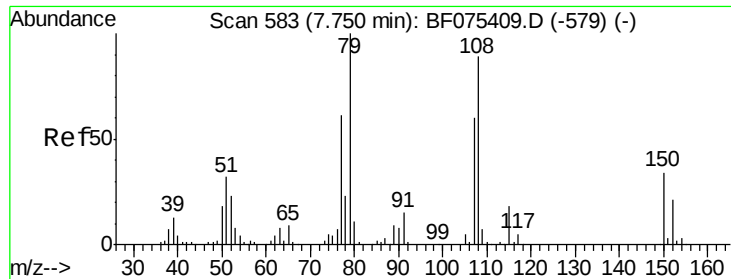
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 138880 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.7  | 50.7  | 76.1   |
| 111       | 37.0  | 39.9  | 59.9#  |





#15

Benzyl Alcohol

Concen: 41.56 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

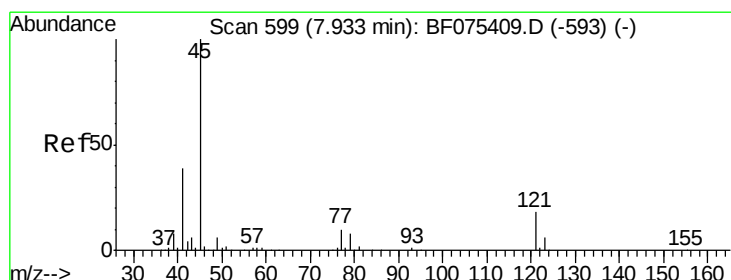
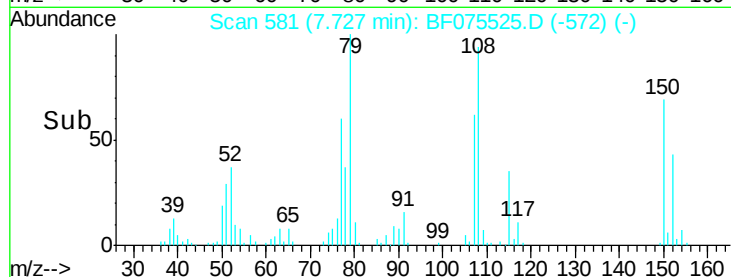
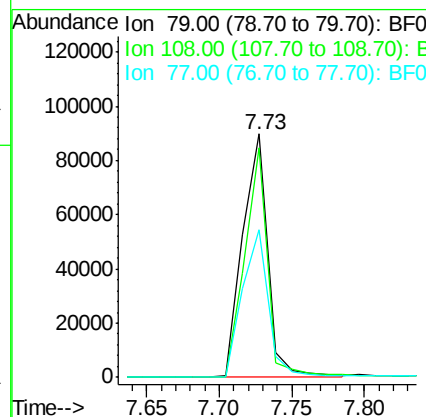
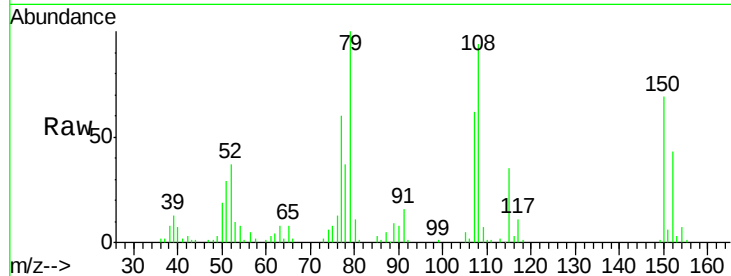
ClientSampleId :

PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 108351 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 94.3  | 75.5  | 113.3  |
| 77        | 60.4  | 52.1  | 78.1   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.53 ng

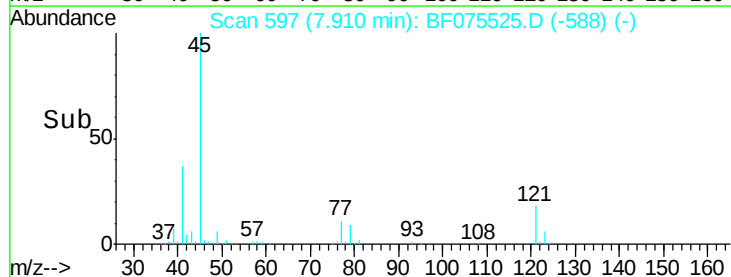
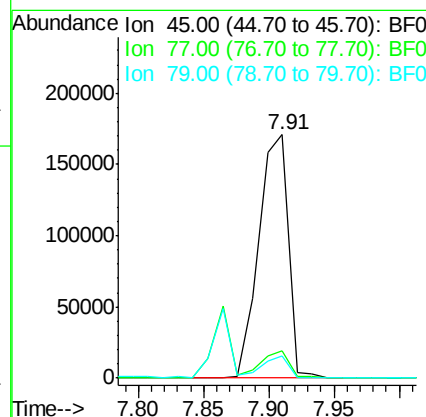
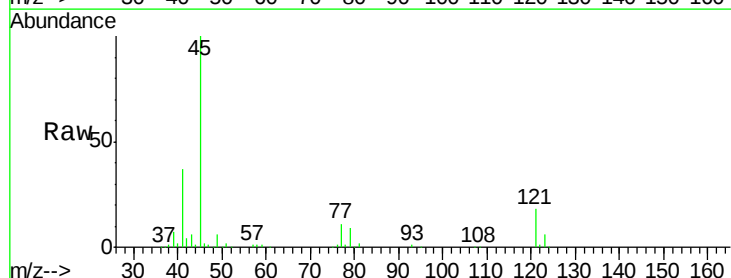
RT: 7.91 min Scan# 597

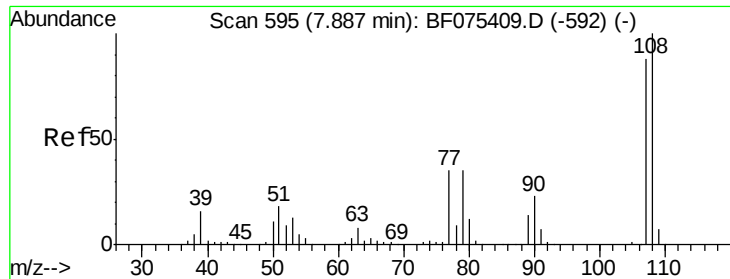
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 270129 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.4  | 0.0   | 28.6   |
| 79        | 9.0   | 0.0   | 26.5   |





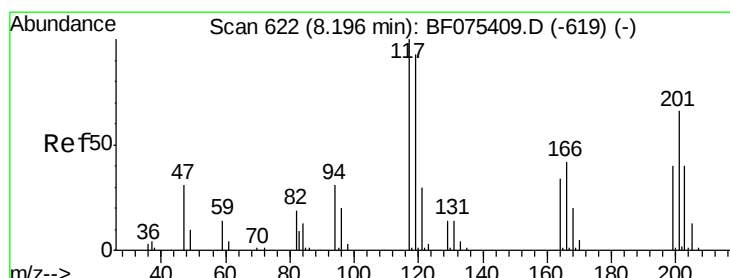
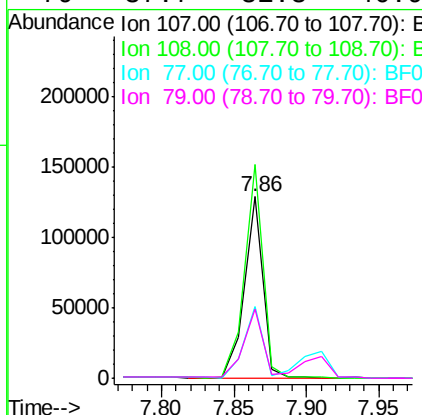
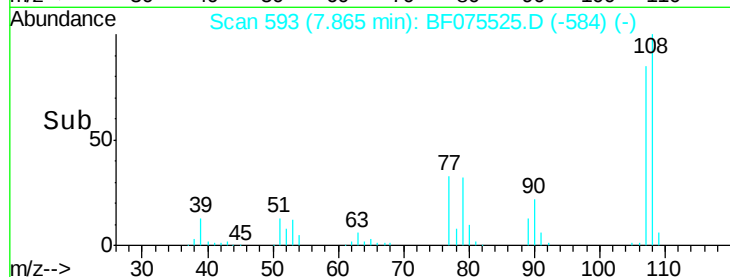
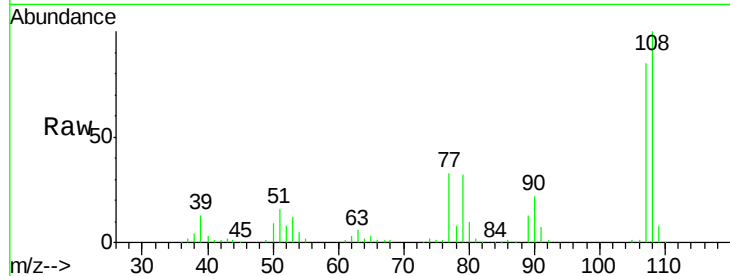
#17  
2-Methylphenol  
Concen: 43.36 ng  
RT: 7.86 min Scan# 593  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 117.6 | 95.6 | 143.4 |       |
| 77      | 39.2  | 30.2 | 45.4  |       |
| 79      | 37.7  | 31.3 | 46.9  |       |

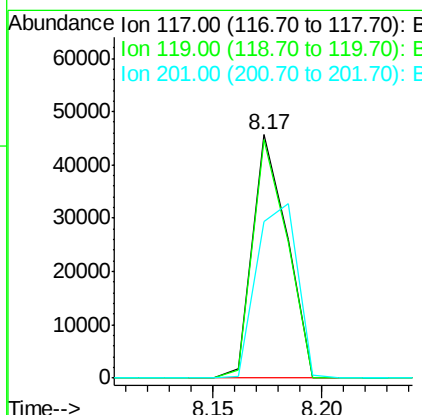
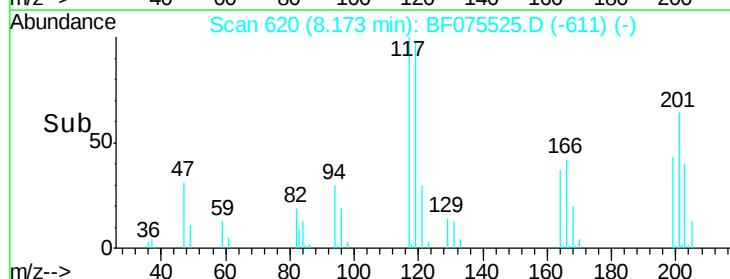
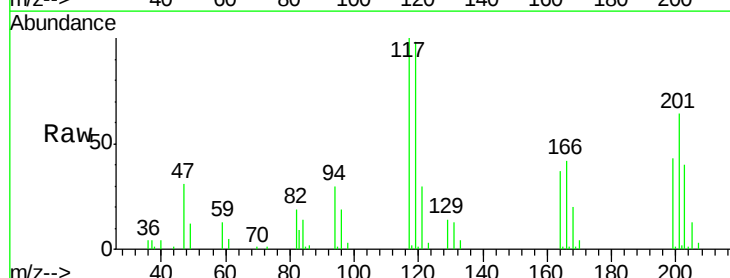
Manual Integrations  
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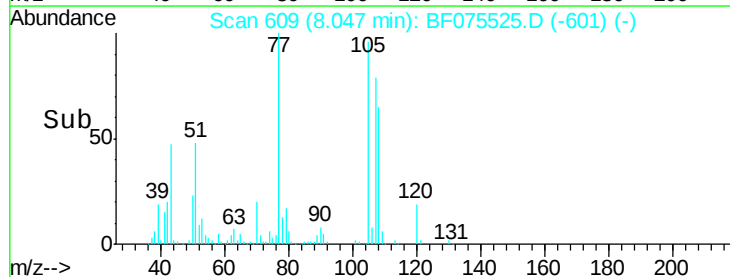
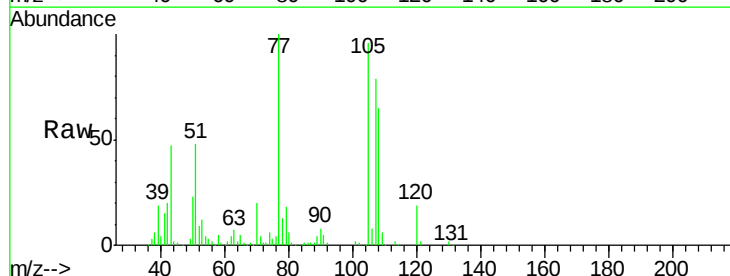
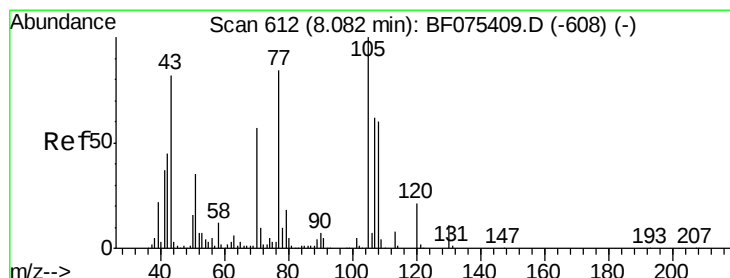
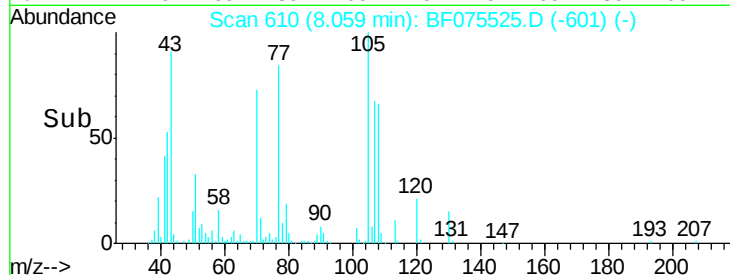
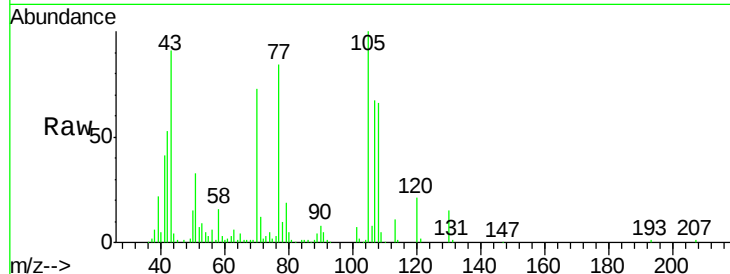
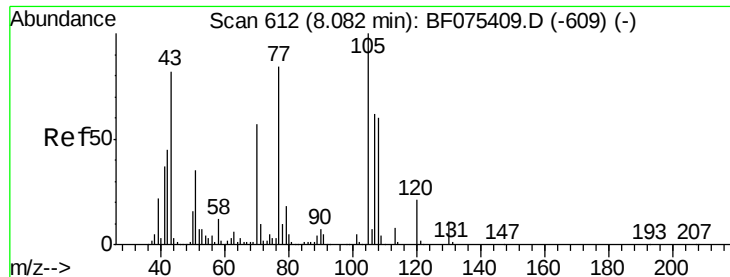
mohammad  
11/17/2014 7:36:06 PM



#18  
Hexachloroethane  
Concen: 41.35 ng  
RT: 8.17 min Scan# 620  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

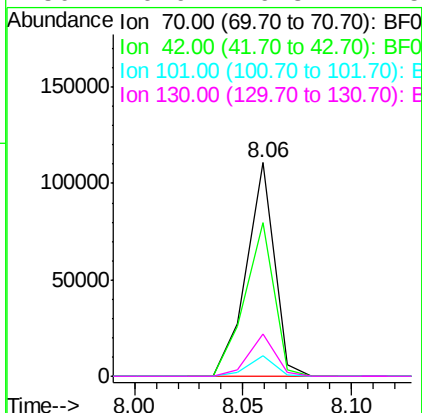
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 98.2  | 72.9 | 109.3 |       |
| 201     | 64.2  | 48.2 | 72.4  |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.65 ng  
RT: 8.06 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 98768 |       |       |
| 42      | 71.8 | 63.0  | 94.6  |       |       |
| 101     | 9.5  | 7.5   | 11.3  |       |       |
| 130     | 19.9 | 16.3  | 24.5  |       |       |



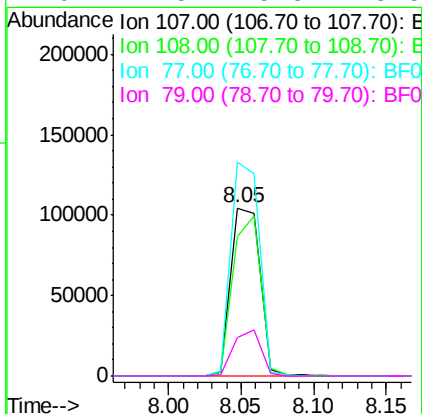
Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

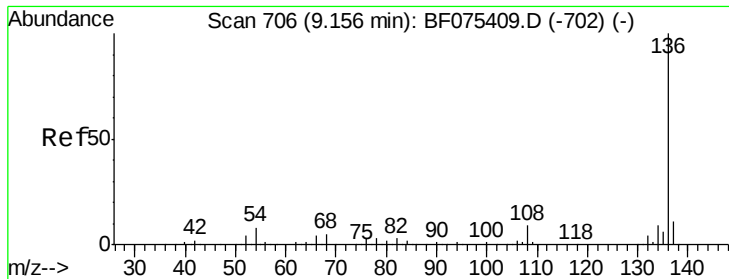
Manual Integrations  
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11/17/2014 7:36:06 PM

#20  
3+4-Methylphenols  
Concen: 42.35 ng  
RT: 8.05 min Scan# 609  
Delta R.T. -0.01 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       | 146734 |       |       |
| 108     | 83.1  | 69.6  | 109.6  |       |       |
| 77      | 127.0 | 84.4  | 124.4# |       |       |
| 79      | 22.5  | 5.5   | 45.5   |       |       |





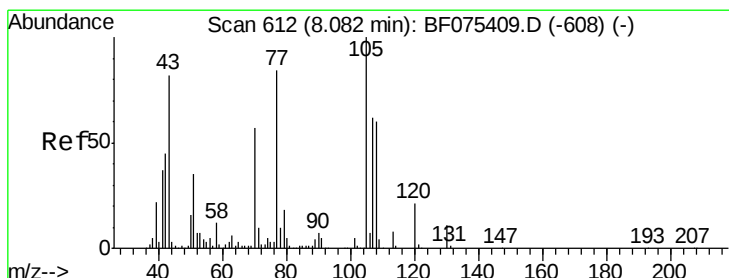
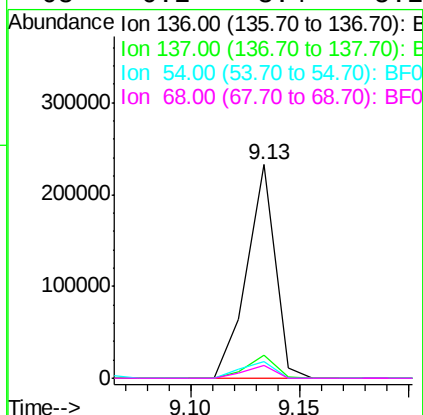
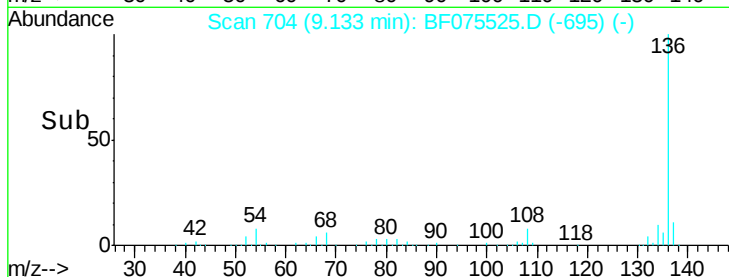
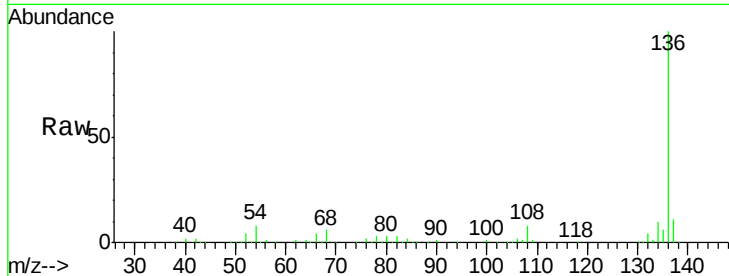
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.13 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.7  | 8.2        | 12.4  |
| 54      | 7.9   | 6.2        | 9.4   |
| 68      | 6.2   | 3.4        | 5.2#  |

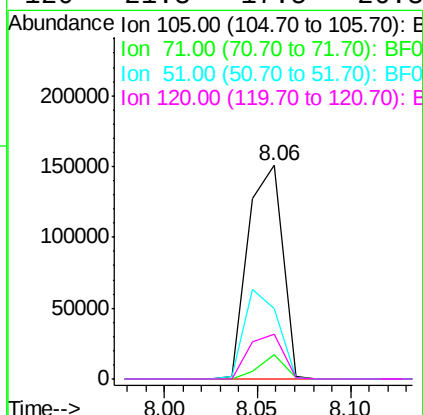
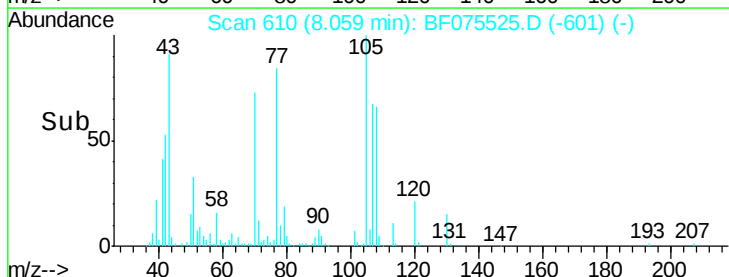
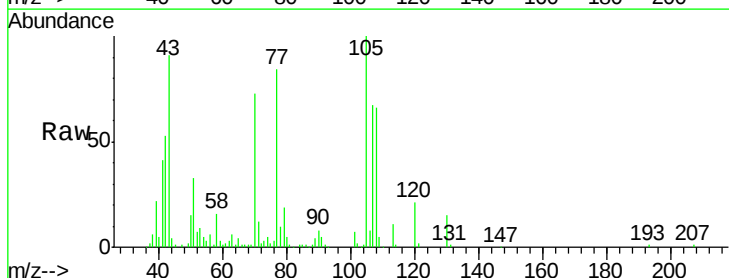
Manual Integrations  
APPROVED

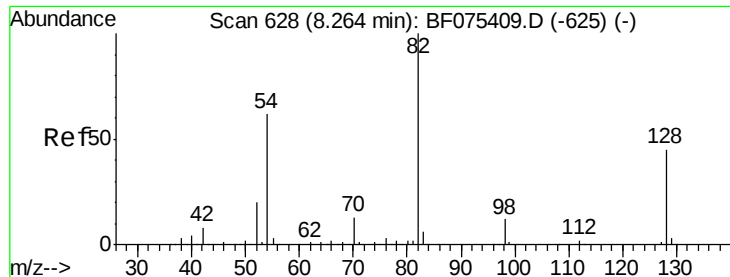
mohammad  
11/17/2014 7:36:06 PM



#22  
Acetophenone  
Concen: 42.35 ng  
RT: 8.06 min Scan# 610  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 11.5  | 10.5       | 15.7  |
| 51      | 32.8  | 24.2       | 36.2  |
| 120     | 21.3  | 17.5       | 26.3  |





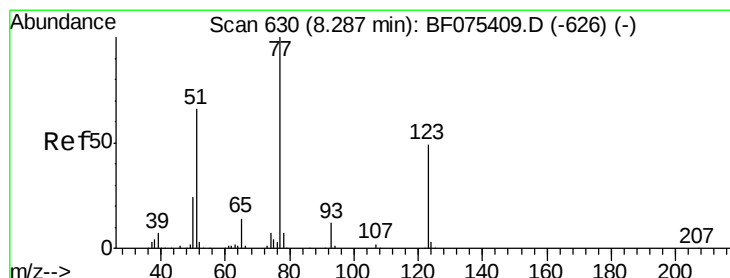
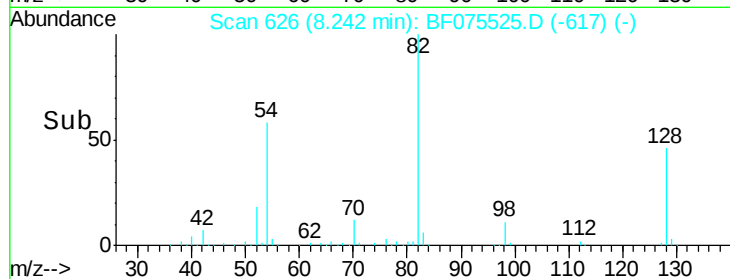
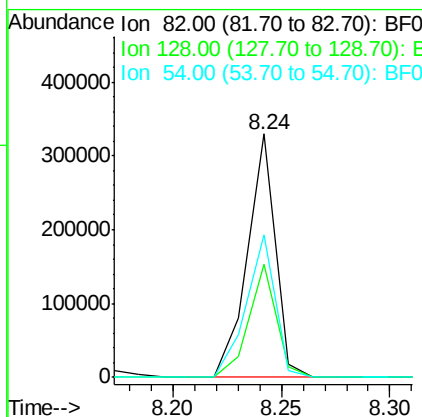
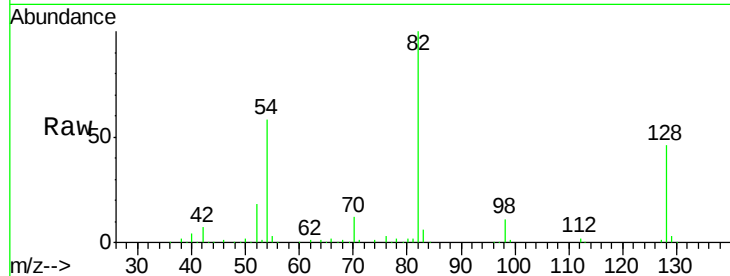
#23  
 Nitrobenzene-d5  
 Concen: 102.12 ng  
 RT: 8.24 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 46.5  | 37.8       | 56.6  |
| 54      | 58.3  | 49.8       | 74.8  |

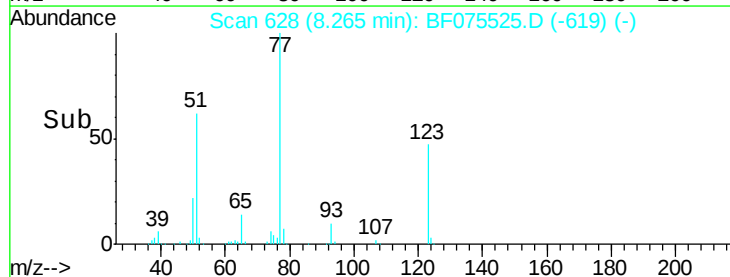
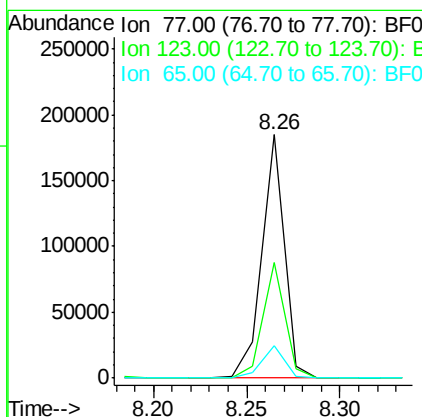
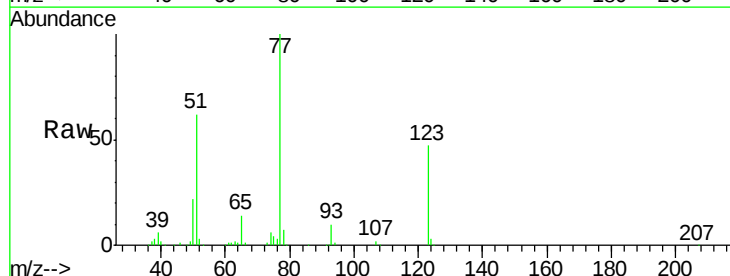
Manual Integrations  
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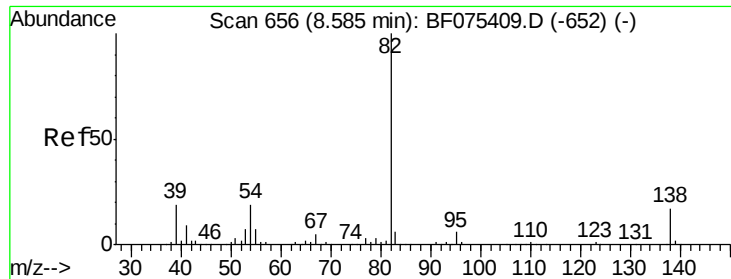
mohammad  
 11/17/2014 7:36:06 PM



#24  
 Nitrobenzene  
 Concen: 45.74 ng  
 RT: 8.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 47.3  | 39.0       | 58.4  |
| 65      | 13.5  | 10.6       | 15.8  |





#25

Isophorone

Concen: 41.06 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

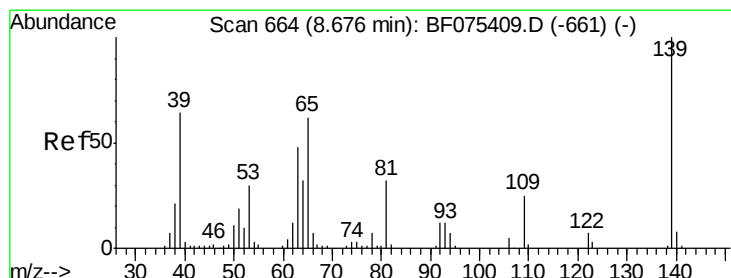
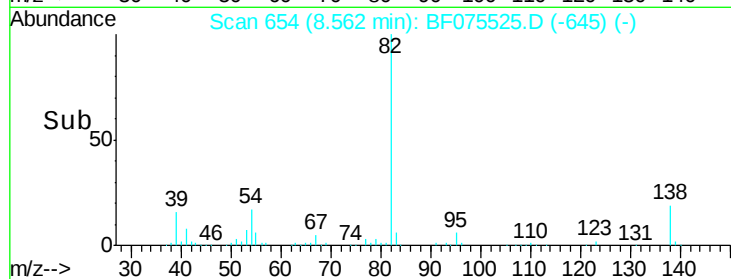
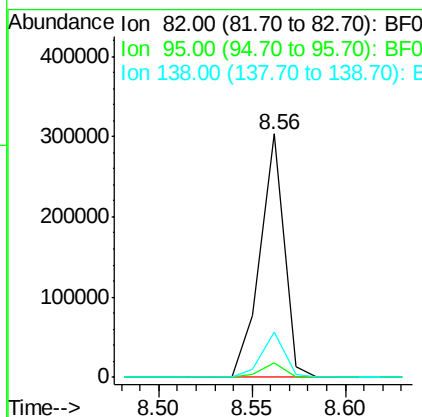
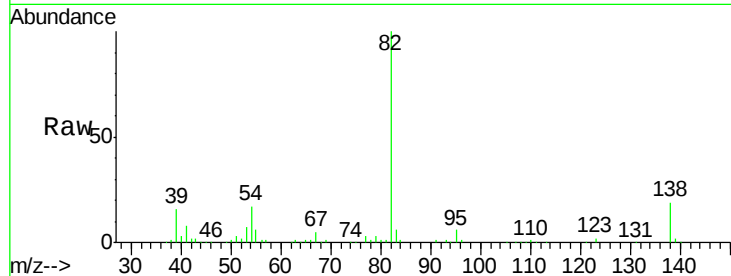
ClientSampleId :

PB80209BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 270486 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.1  | 5.2   | 7.8    |
| 138       | 18.6 | 15.0  | 22.6   |

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#26

2-Nitrophenol

Concen: 41.93 ng

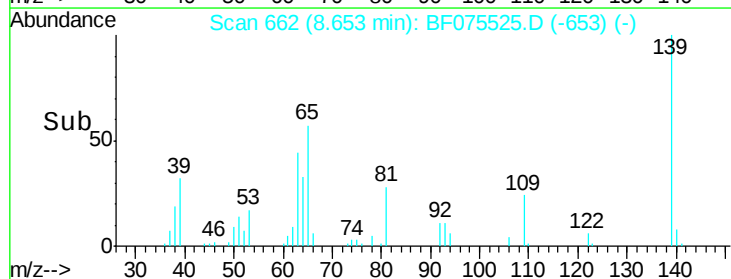
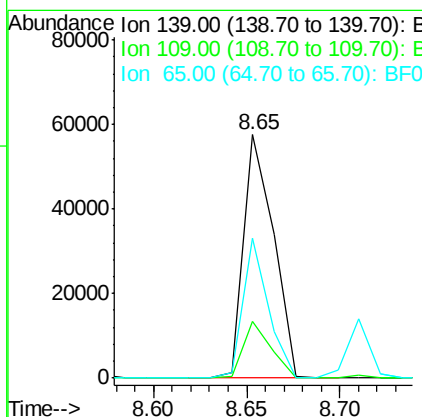
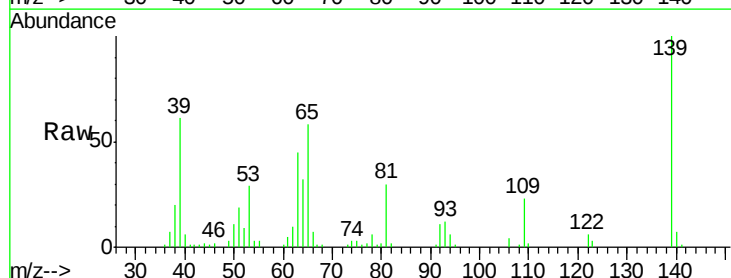
RT: 8.65 min Scan# 662

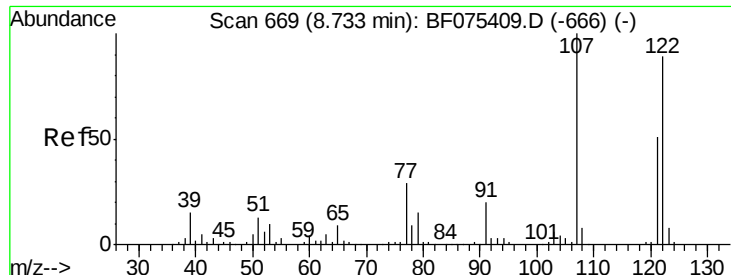
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 63884 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 23.2 | 22.3  | 33.5  |
| 65        | 57.6 | 49.1  | 73.7  |





#27

2,4-Dimethylphenol

Concen: 40.60 ng

RT: 8.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

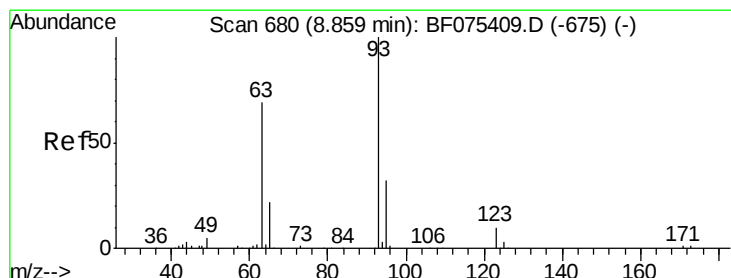
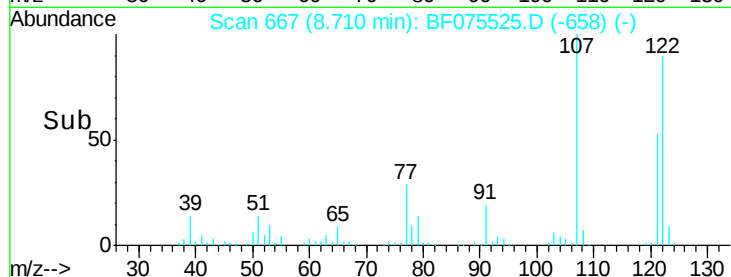
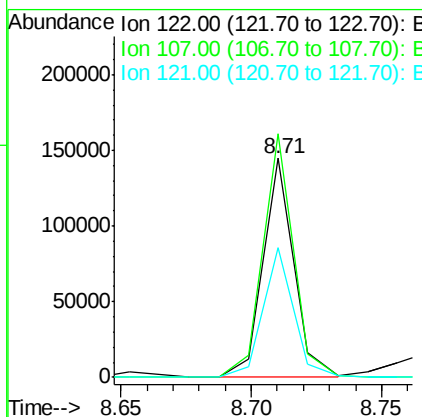
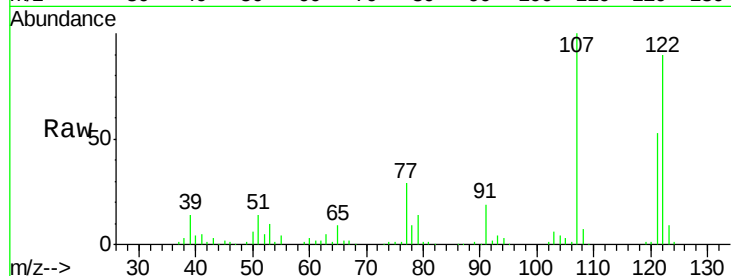
ClientSampleId :

PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 119892 |       |       |
| 107     | 111.2 | 86.5   | 129.7 |       |
| 121     | 59.1  | 45.4   | 68.2  |       |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 43.61 ng

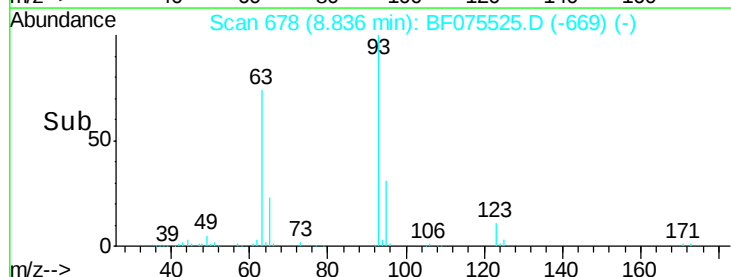
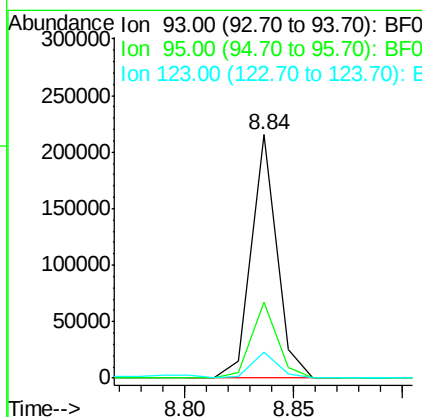
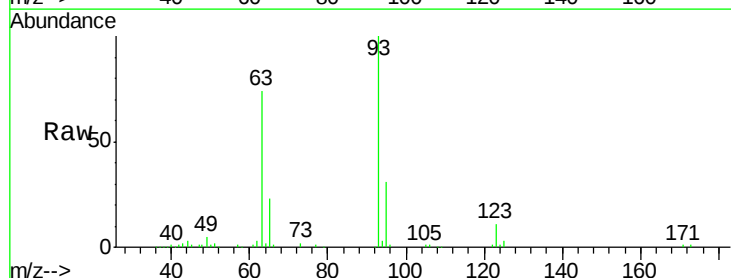
RT: 8.84 min Scan# 678

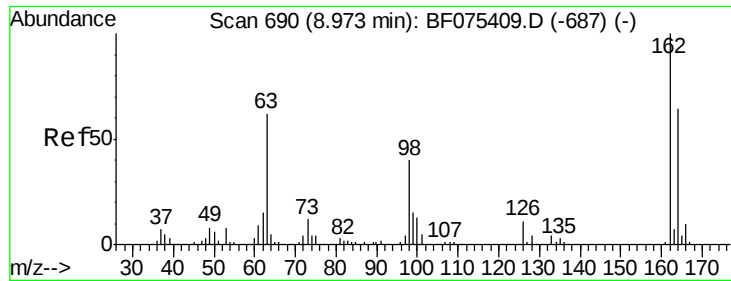
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 175075 |       |       |
| 95      | 31.1  | 26.2   | 39.4  |       |
| 123     | 10.5  | 8.8    | 13.2  |       |





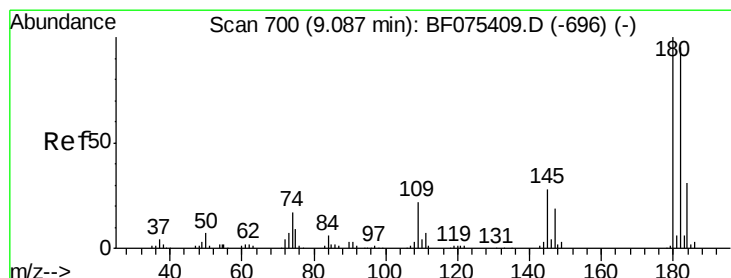
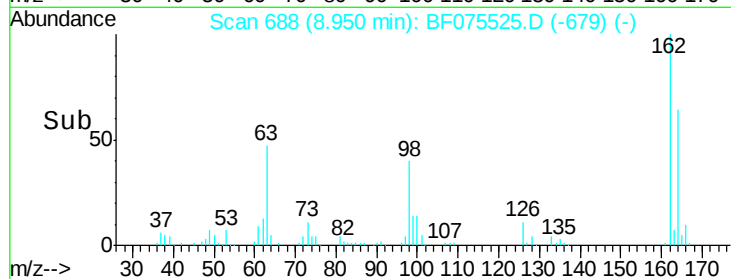
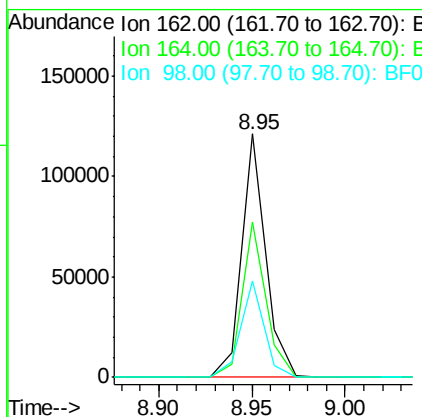
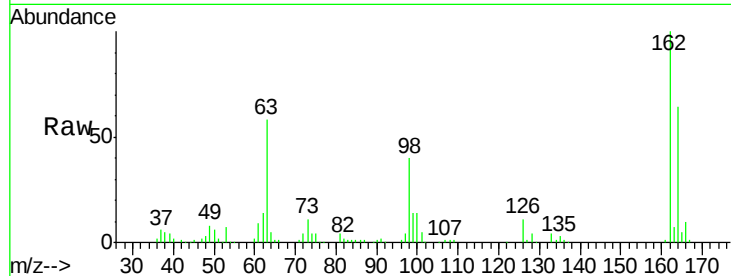
#29  
2,4-Dichlorophenol  
Concen: 41.95 ng  
RT: 8.95 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 108536 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.8  | 43.8  | 83.8   |
| 98        | 39.5  | 14.6  | 54.6   |

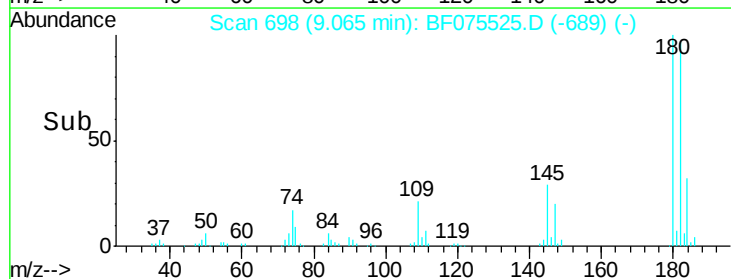
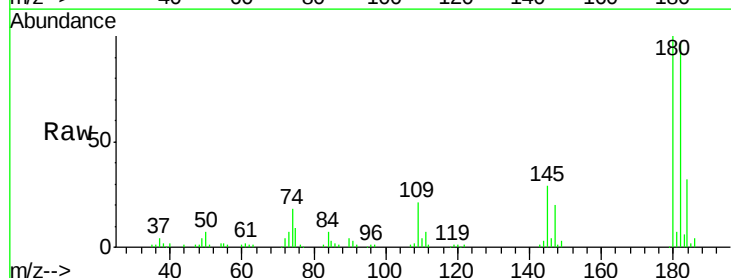
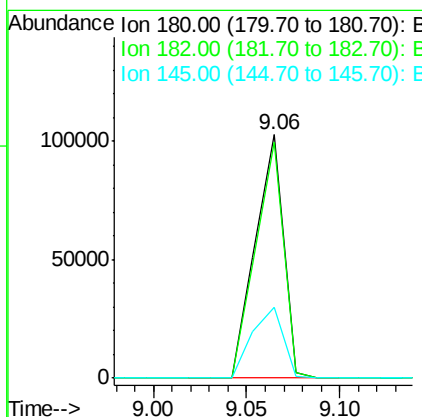
Manual Integrations  
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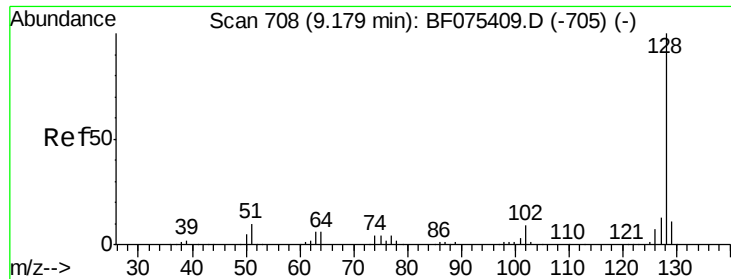
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 39.50 ng  
RT: 9.06 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 107297 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.8  | 78.4  | 117.6  |
| 145       | 29.0  | 22.3  | 33.5   |





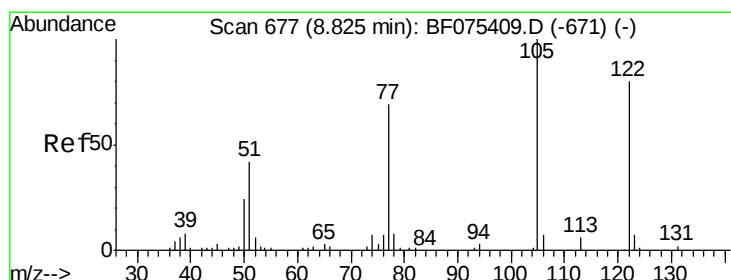
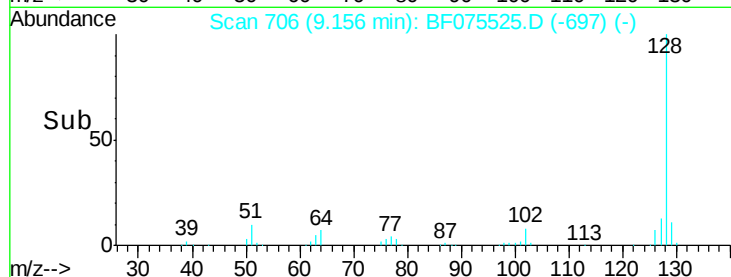
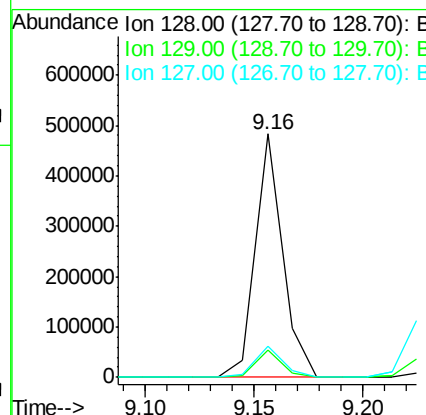
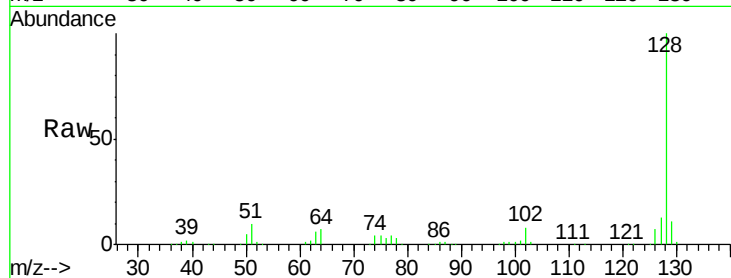
#31  
Naphthalene  
Concen: 44.75 ng  
RT: 9.16 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 422041 |       |       |
| 129     | 11.2  | 9.0    | 13.4  |       |
| 127     | 12.8  | 10.2   | 15.4  |       |

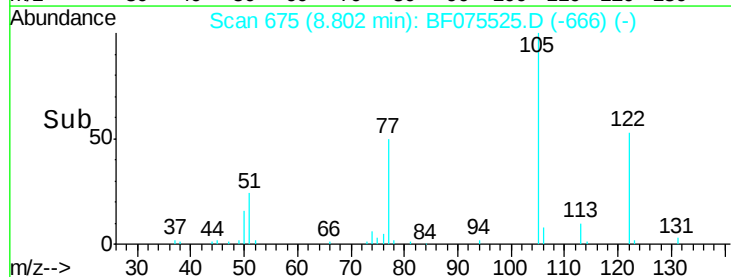
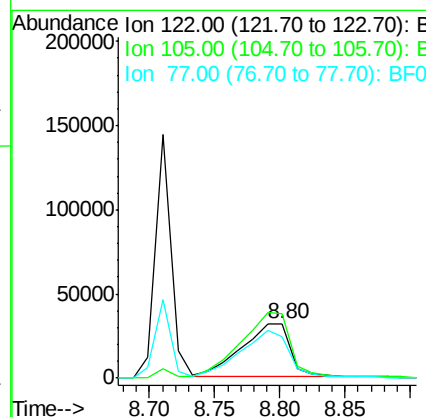
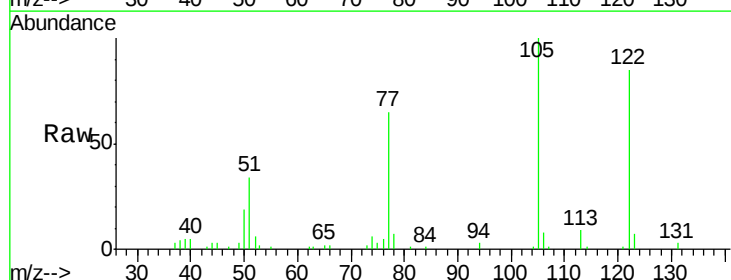
Manual Integrations  
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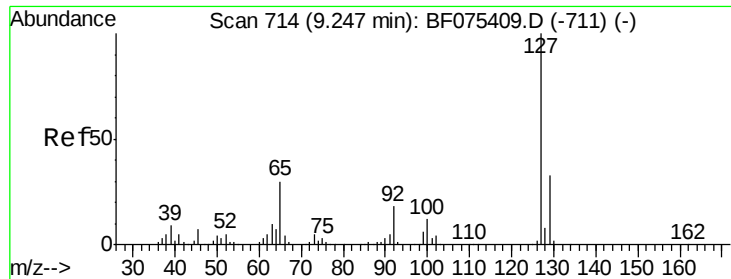
mohammad  
11/17/2014 7:36:06 PM



#32  
Benzoic acid  
Concen: 45.77 ng  
RT: 8.80 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 81659 |       |       |
| 105     | 118.0 | 95.1  | 135.1 |       |
| 77      | 77.0  | 62.6  | 102.6 |       |





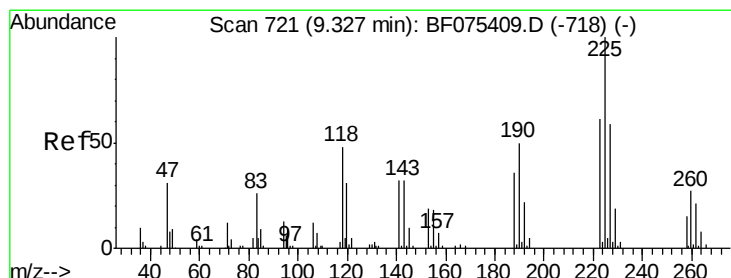
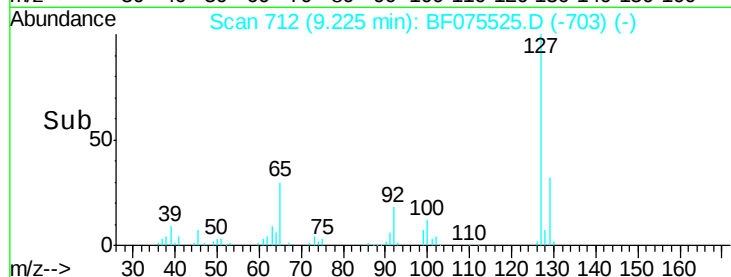
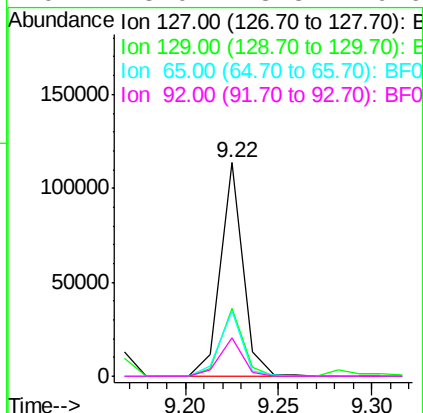
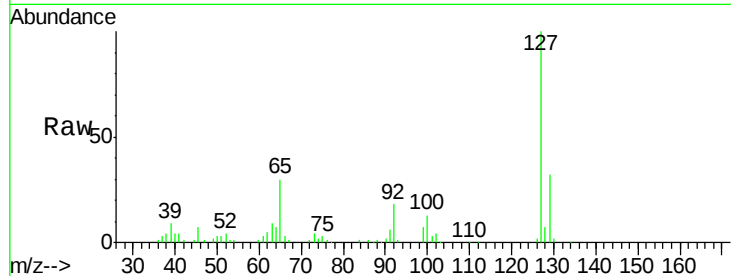
#33  
4-Chloroaniline  
Concen: 23.47 ng  
RT: 9.22 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.0 | 25.5  | 38.3 |       |       |
| 65      | 30.4 | 22.8  | 34.2 |       |       |
| 92      | 18.0 | 13.8  | 20.6 |       |       |

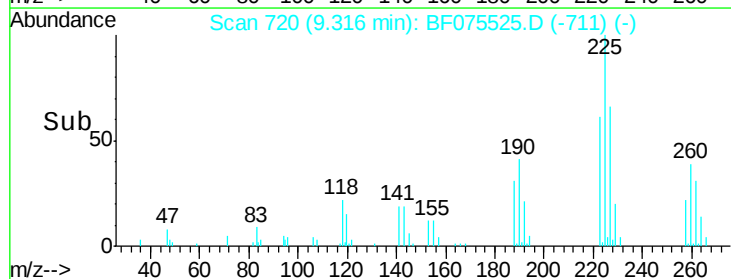
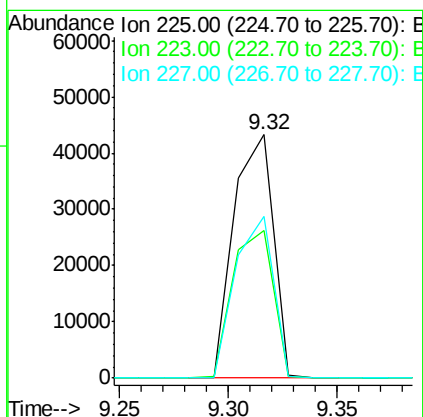
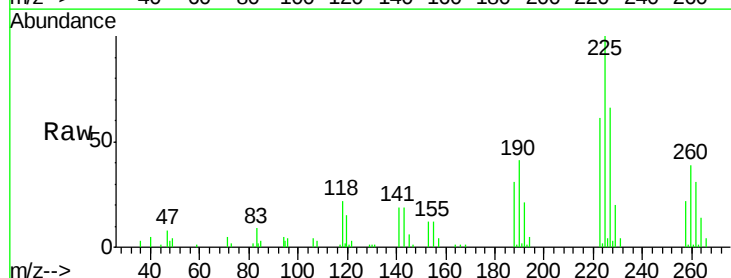
Manual Integrations  
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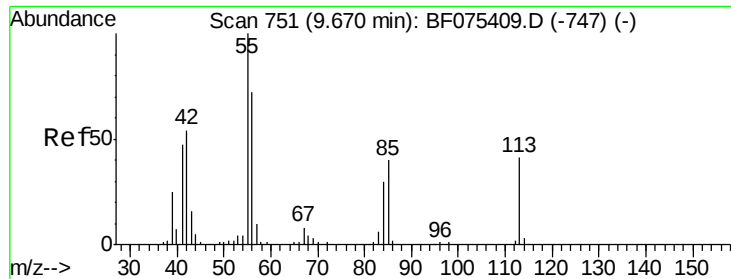
mohammad  
11/17/2014 7:36:06 PM



#34  
Hexachlorobutadiene  
Concen: 37.11 ng  
RT: 9.32 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 60.8 | 51.0  | 76.6 |       |       |
| 227     | 66.4 | 48.6  | 73.0 |       |       |





#35

Caprolactam

Concen: 42.34 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

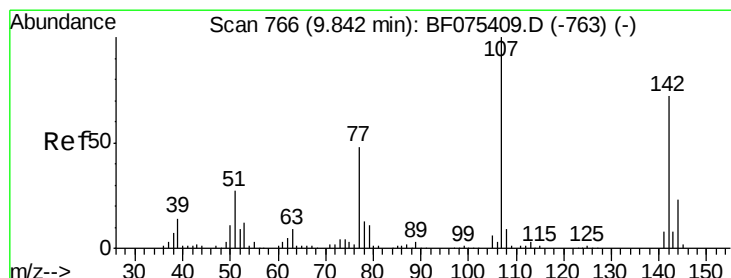
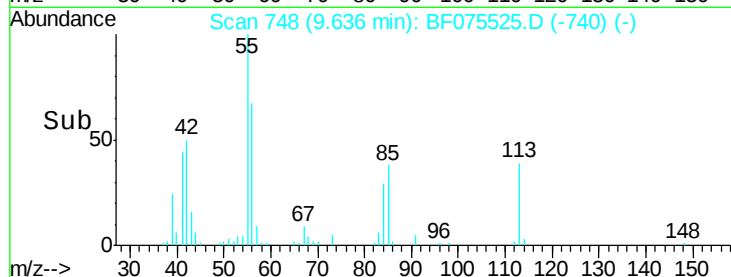
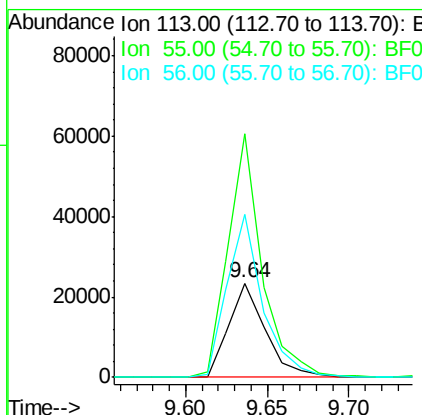
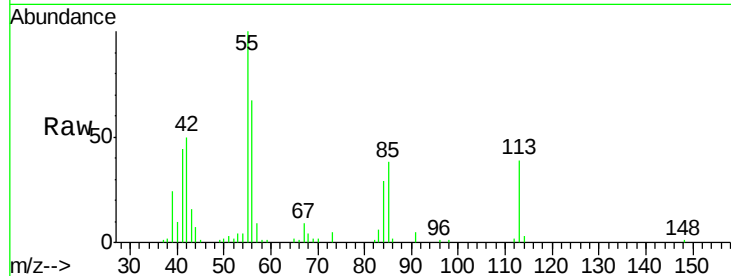
ClientSampleId :

PB80209BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 36303 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 257.8 | 226.9 | 266.9 |
| 56        | 172.4 | 148.4 | 188.4 |

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#36

4-Chloro-3-methylphenol

Concen: 41.67 ng

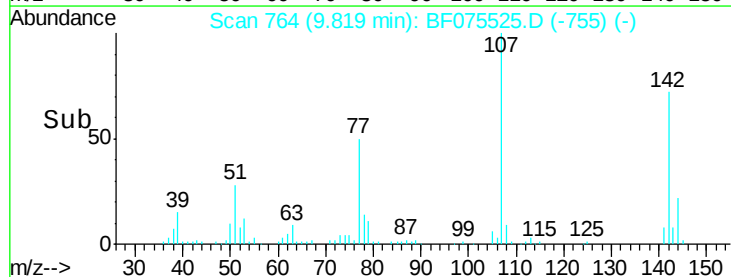
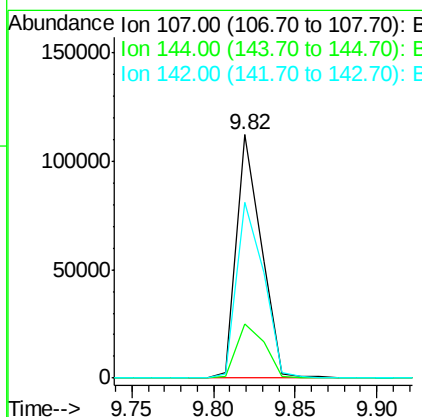
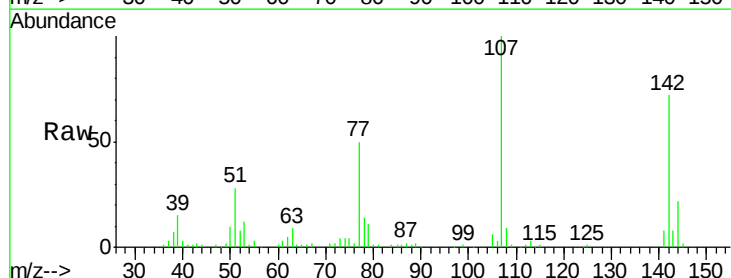
RT: 9.82 min Scan# 764

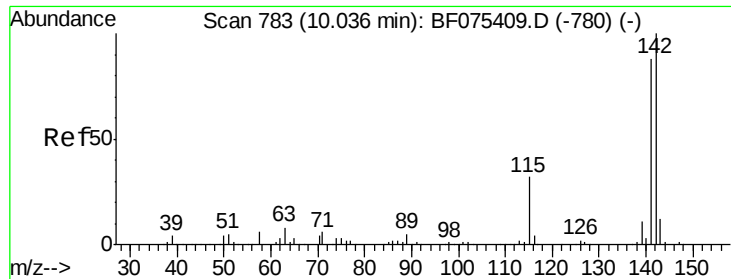
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 118295 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 22.3  | 19.1  | 28.7   |
| 142       | 72.3  | 62.9  | 94.3   |





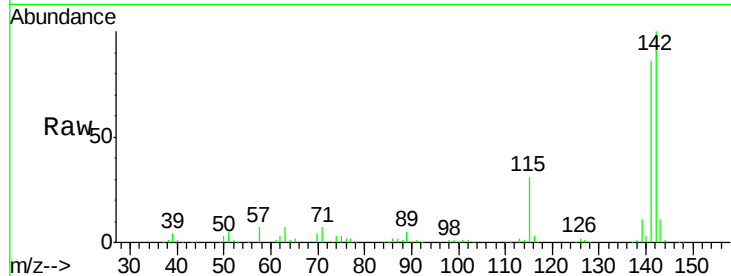
#37  
2-Methylnaphthalene  
Concen: 41.50 ng  
RT: 10.01 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.1  | 69.9  | 104.9 |
| 115     | 31.5  | 27.6  | 41.4  |

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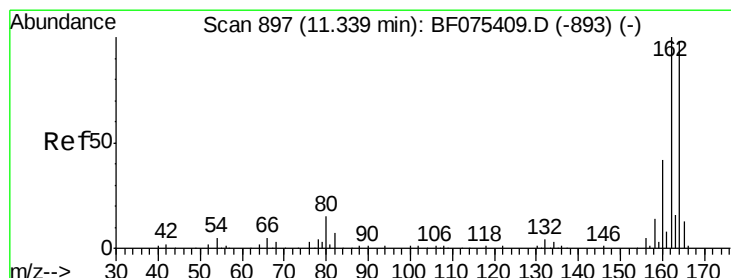
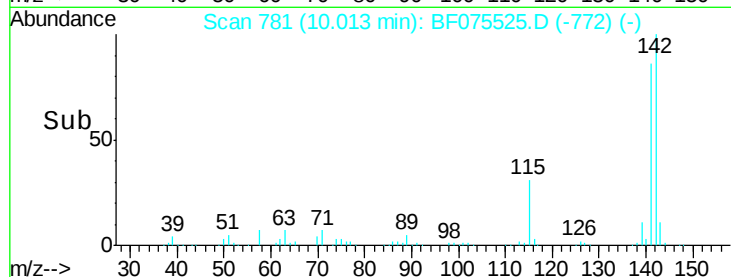
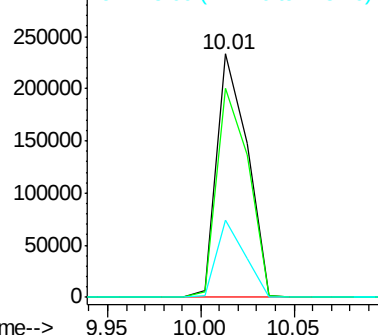


Abundance

Ion 142.00 (141.70 to 142.70): E

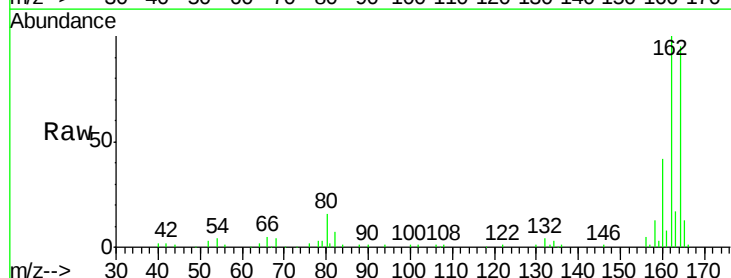
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 11.32 min Scan# 895  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.5 | 79.1  | 118.7 |
| 160     | 43.8  | 34.6  | 51.8  |

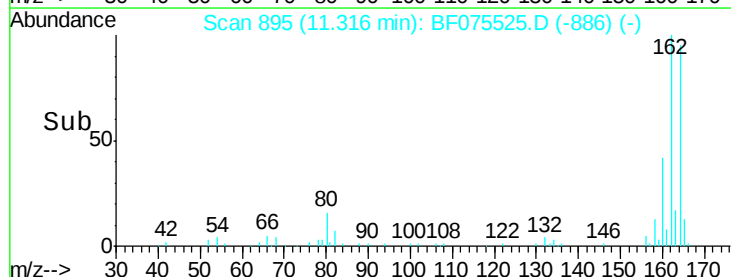
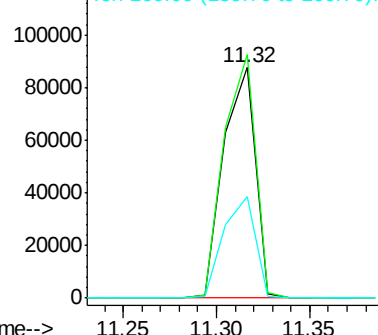


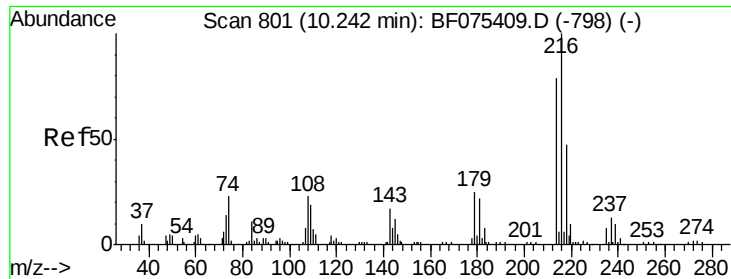
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





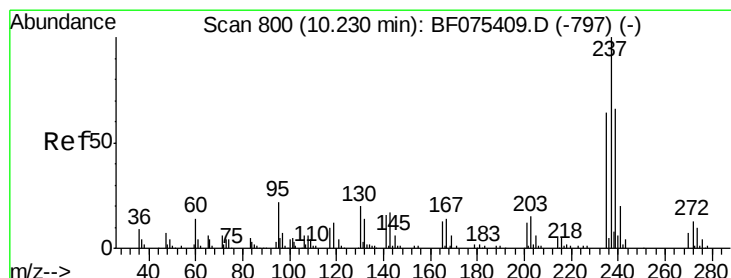
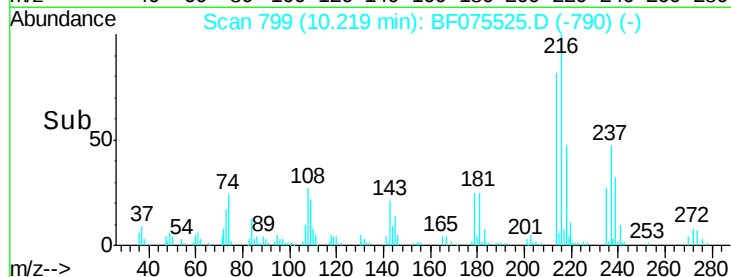
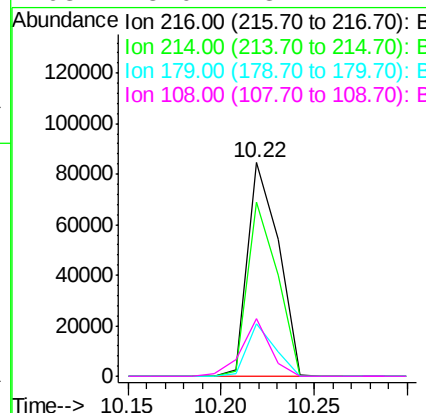
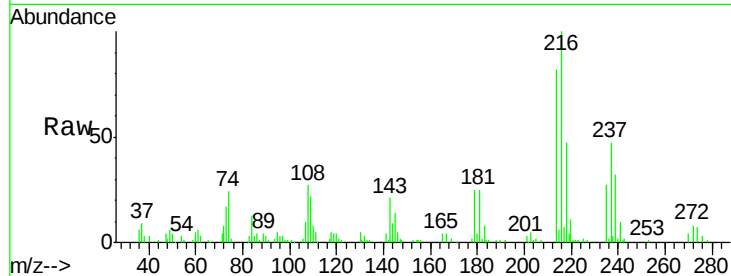
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.88 ng  
 RT: 10.22 min Scan# 799  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.5  | 62.8  | 94.2  |
| 179     | 22.1  | 18.7  | 28.1  |
| 108     | 25.0  | 18.1  | 27.1  |

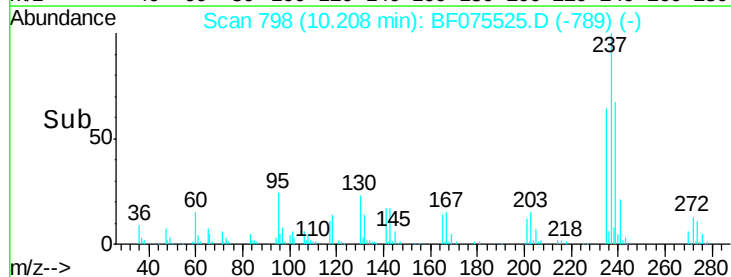
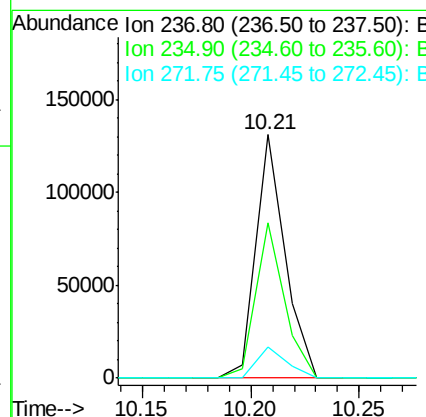
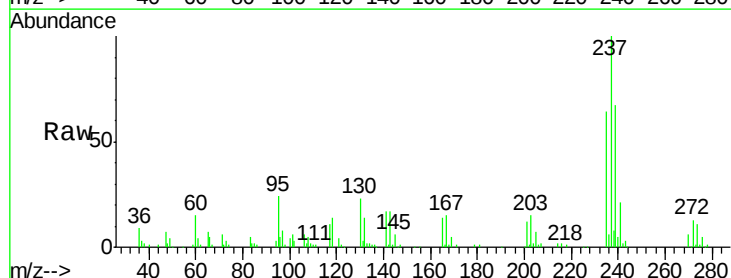
Manual Integrations  
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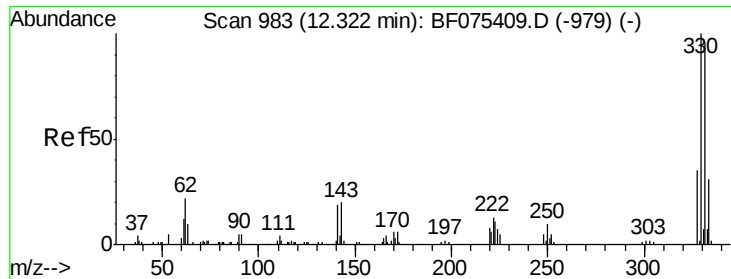
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#40  
 Hexachlorocyclopentadiene  
 Concen: 92.83 ng  
 RT: 10.21 min Scan# 798  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.9  | 45.7  | 85.7  |
| 272     | 12.8  | 0.0   | 32.6  |





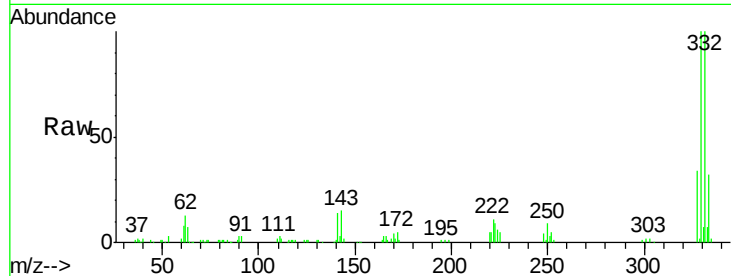
#41  
 2,4,6-Tribromophenol  
 Concen: 140.33 ng  
 RT: 12.30 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 99.6  | 74.5 | 111.7 |       |
| 141     | 34.7  | 30.7 | 46.1  |       |

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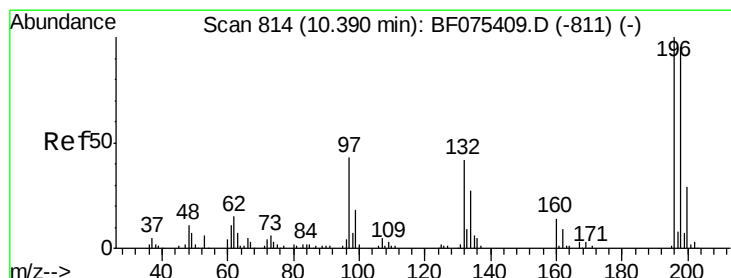
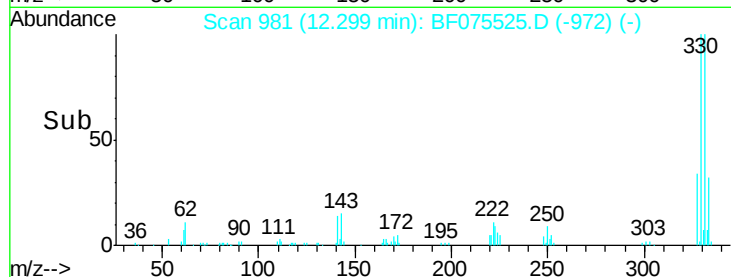
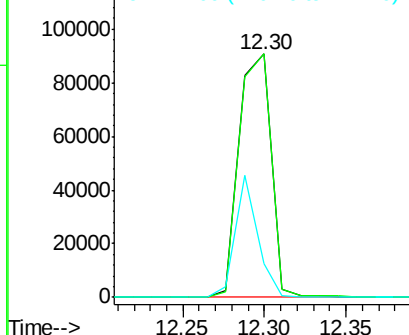


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.47 ng  
 RT: 10.37 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

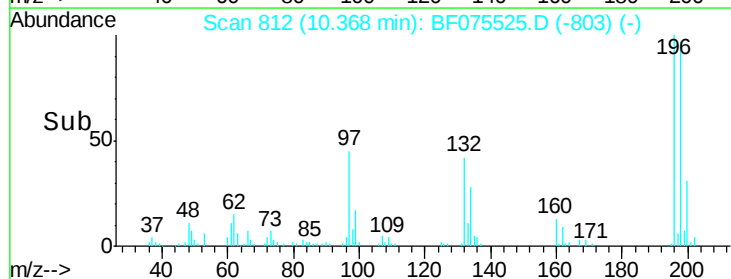
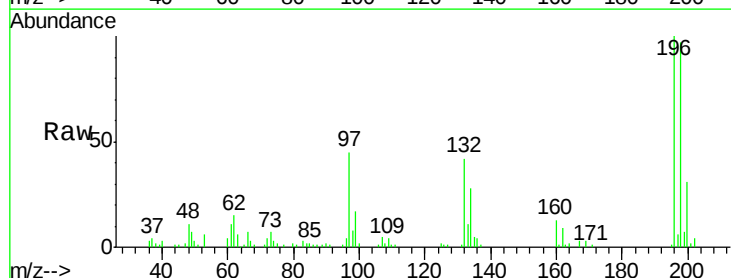
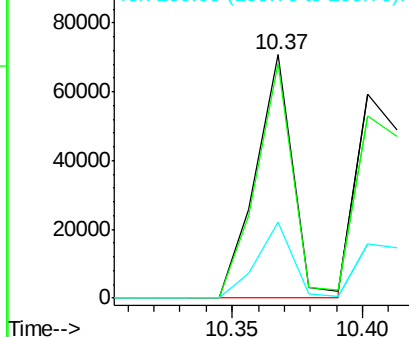
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 96.6  | 75.7 | 113.5 |       |
| 200     | 31.1  | 23.4 | 35.0  |       |

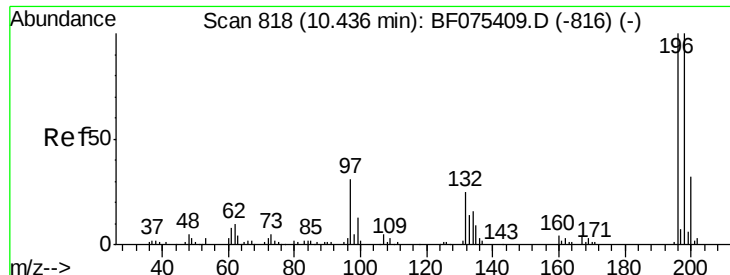
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





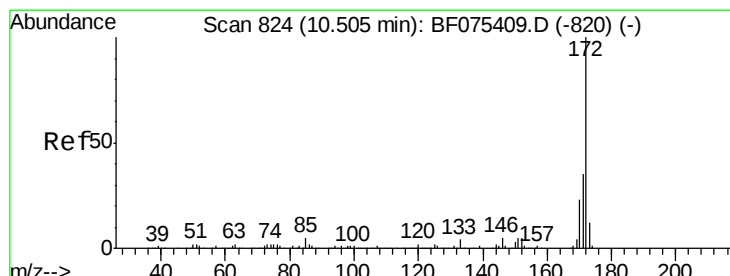
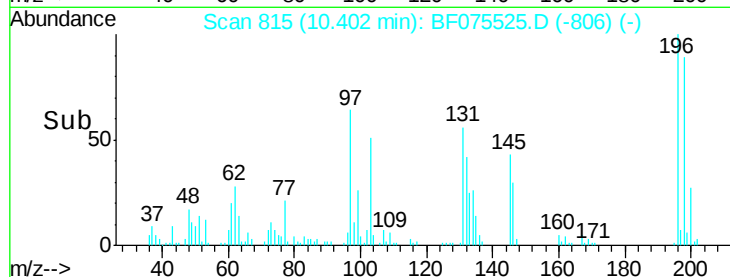
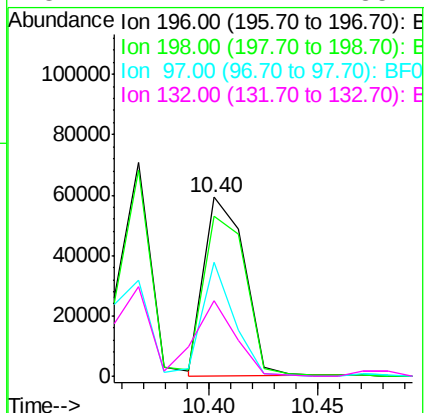
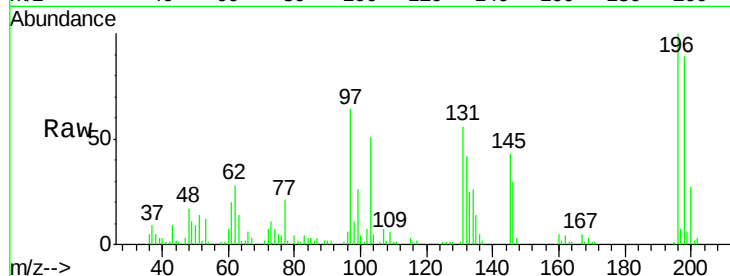
#43  
2,4,5-Trichlorophenol  
Concen: 42.59 ng  
RT: 10.40 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 76367 |       |       |
| 198     | 89.2  |       | 78.2  | 117.4 |
| 97      | 64.0  |       | 29.9  | 44.9# |
| 132     | 42.1  |       | 22.2  | 33.2# |

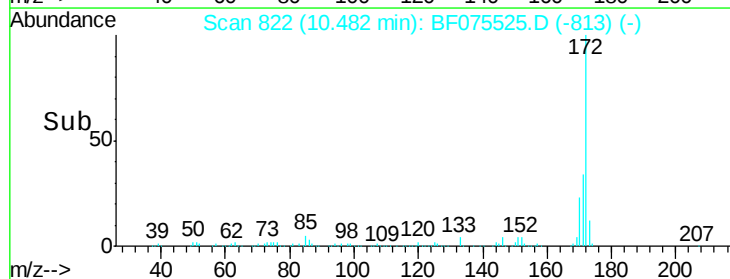
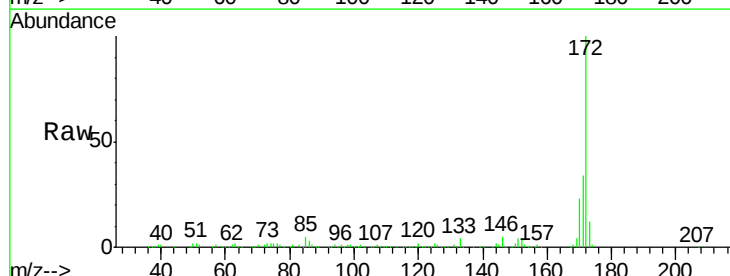
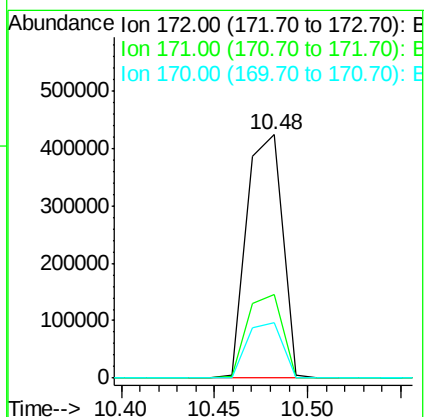
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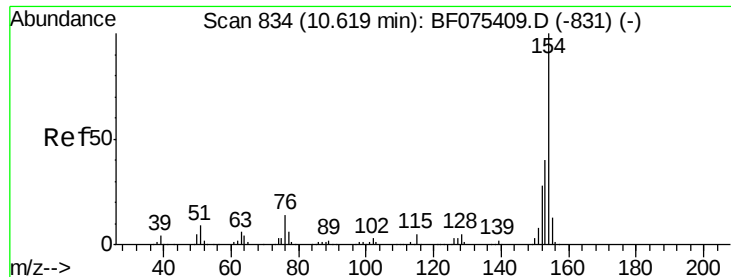
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#44  
2-Fluorobiphenyl  
Concen: 96.55 ng  
RT: 10.48 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 562803 |       |       |
| 171     | 34.3  |        | 27.3  | 40.9  |
| 170     | 22.8  |        | 18.4  | 27.6  |





#45

1,1'-Biphenyl

Concen: 45.25 ng

RT: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

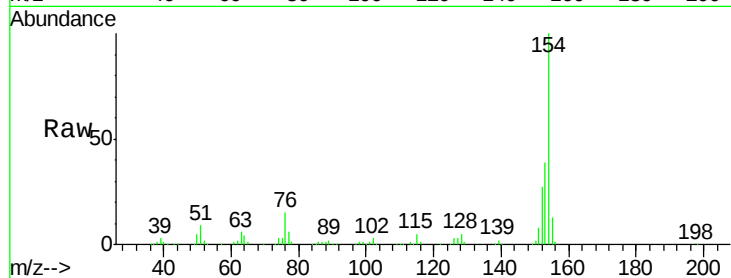
ClientSampleId :

PB80209BS

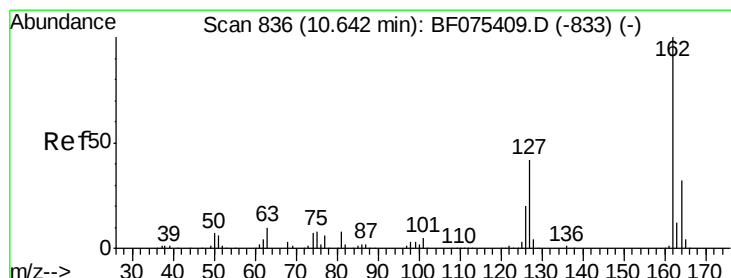
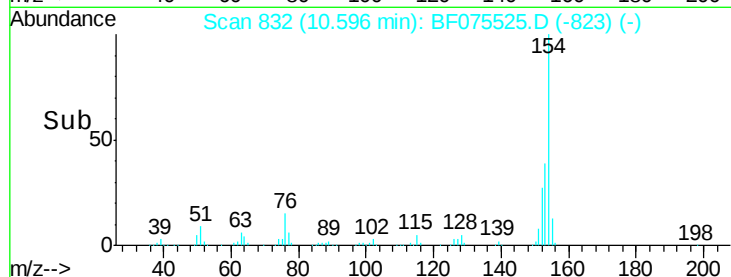
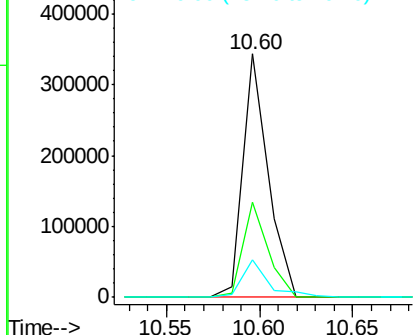
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 321526 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.1  | 19.3  | 59.3   |
| 76        | 15.3  | 0.0   | 35.0   |

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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: 45.57 ng

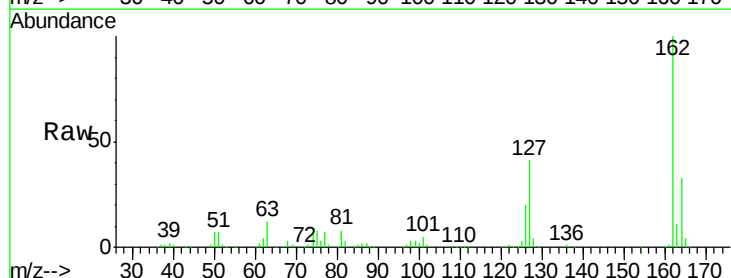
RT: 10.62 min Scan# 834

Delta R.T. 0.00 min

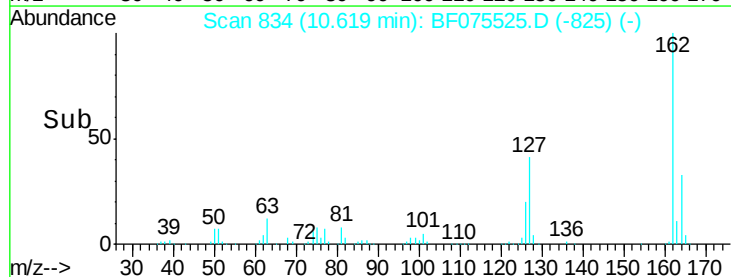
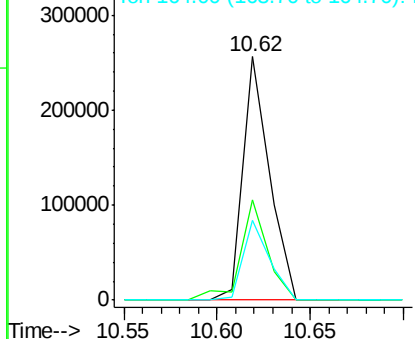
Lab File: BF075525.D

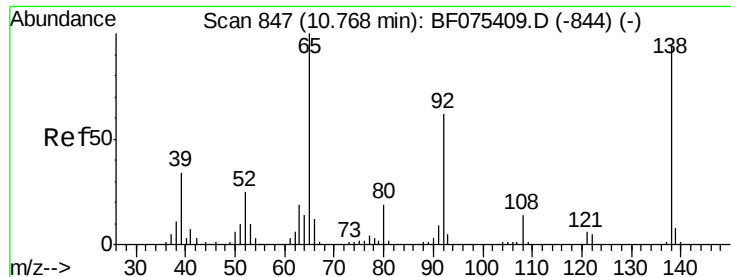
Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 253133 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.0  | 34.6  | 51.8   |
| 164       | 32.7  | 25.1  | 37.7   |



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





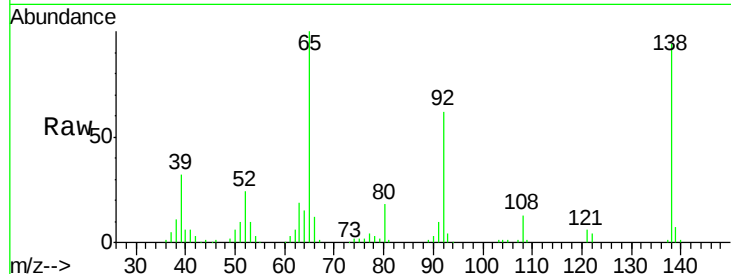
#47  
2-Nitroaniline  
Concen: 49.69 ng  
RT: 10.74 min Scan# 845  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

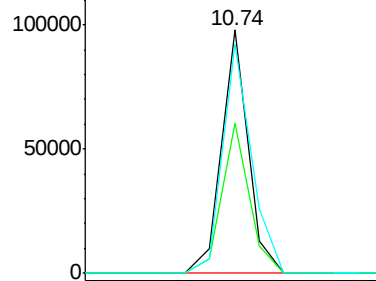
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.7  | 46.7  | 70.1  |
| 138     | 94.4  | 62.8  | 94.2  |

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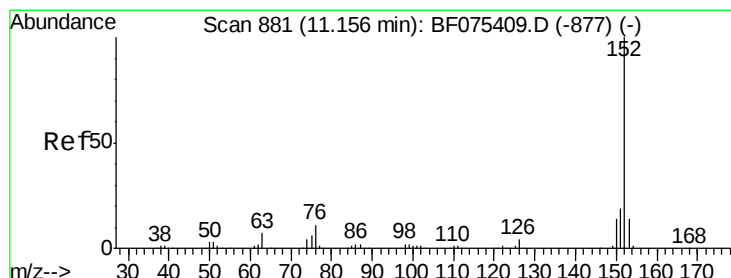
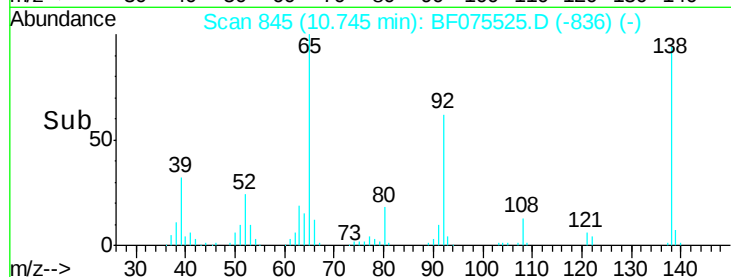
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Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E

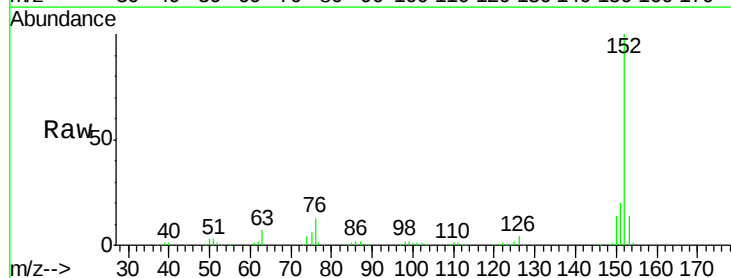


Time-->

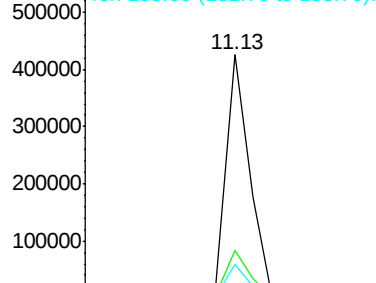


#48  
Acenaphthylene  
Concen: 47.17 ng  
RT: 11.13 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

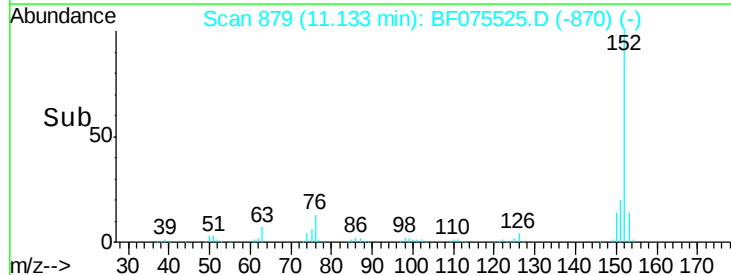
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.9  | 15.4  | 23.2  |
| 153     | 13.6  | 10.0  | 15.0  |

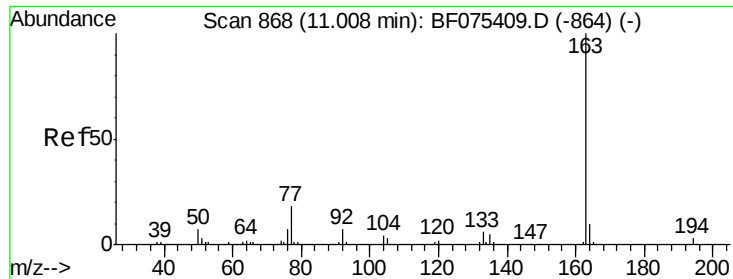


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



Time-->





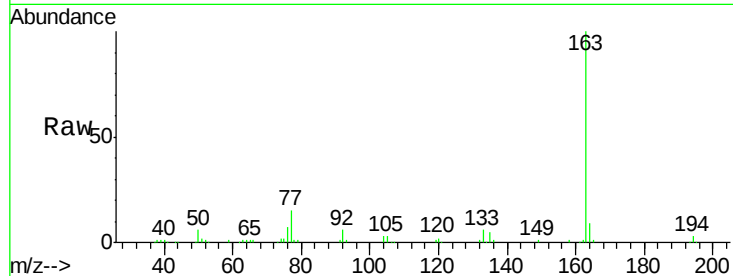
#49  
Dimethylphthalate  
Concen: 41.68 ng  
RT: 10.98 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

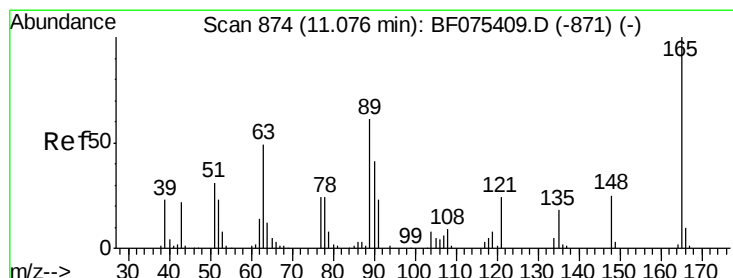
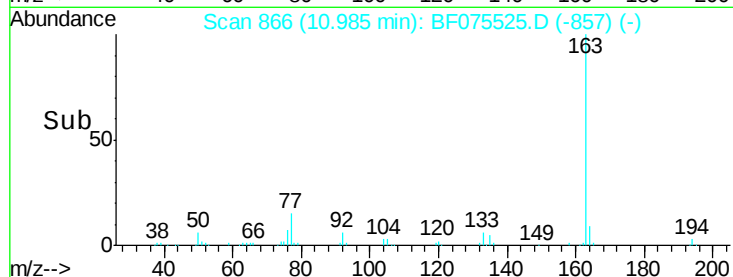
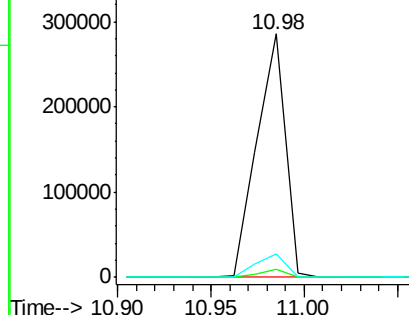
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 163     | 100   |            |       |
| 194     | 3.4   | 2.7        | 4.1   |
| 164     | 9.4   | 8.0        | 12.0  |

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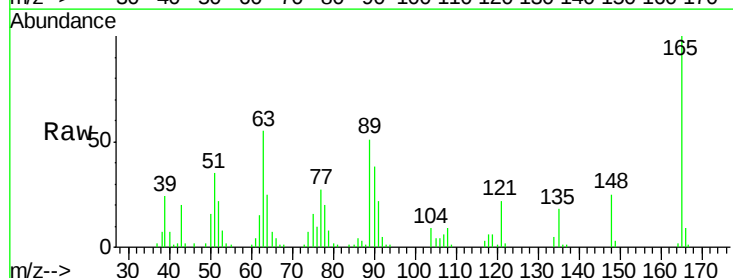


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

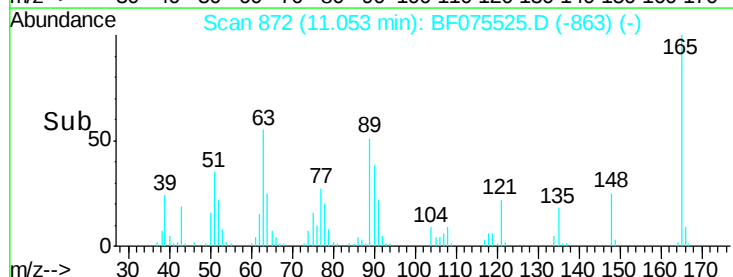
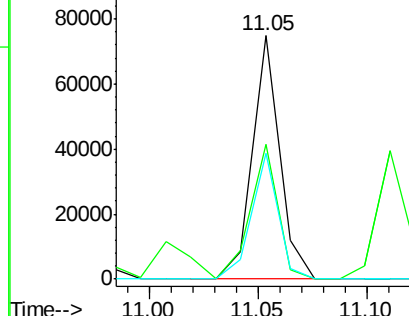


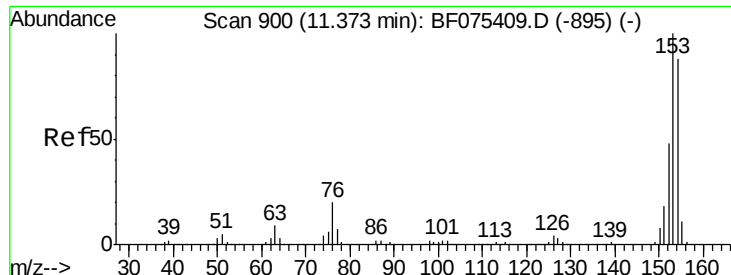
#50  
2,6-Dinitrotoluene  
Concen: 45.99 ng  
RT: 11.05 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 55.4  | 61.2       | 91.8# |
| 89      | 51.5  | 52.5       | 78.7# |



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





#51

Acenaphthene

Concen: 49.54 ng

RT: 11.35 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

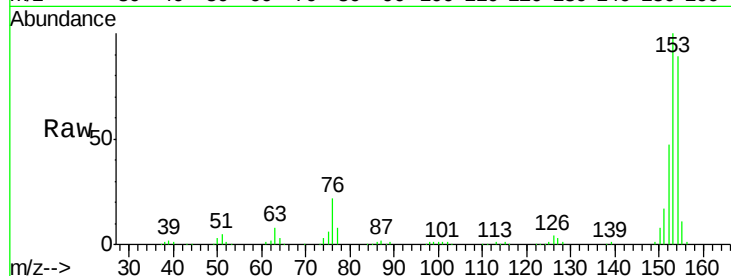
ClientSampleId :

PB80209BS

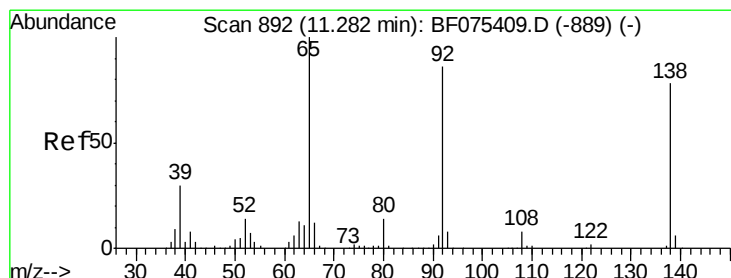
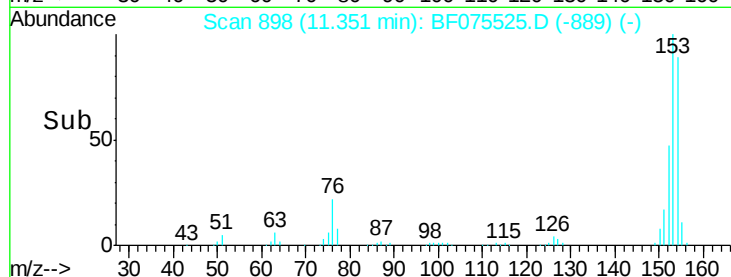
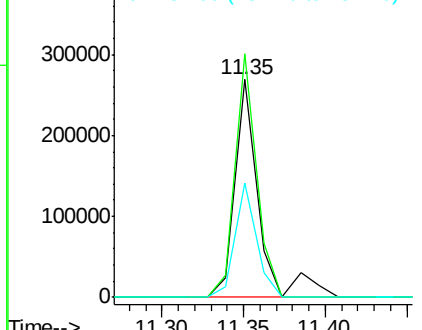
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 273897 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.7 | 91.2  | 136.8  |
| 152       | 52.7  | 43.4  | 65.0   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.90 ng

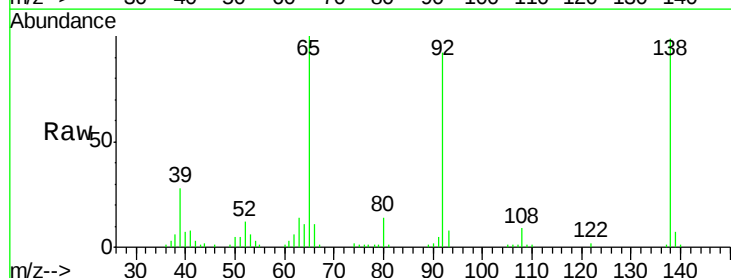
RT: 11.26 min Scan# 890

Delta R.T. 0.00 min

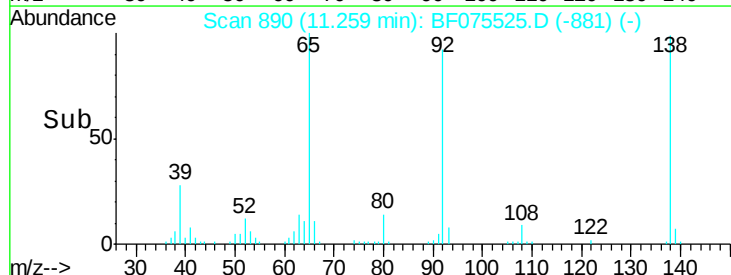
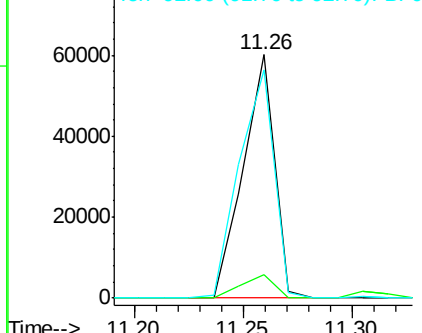
Lab File: BF075525.D

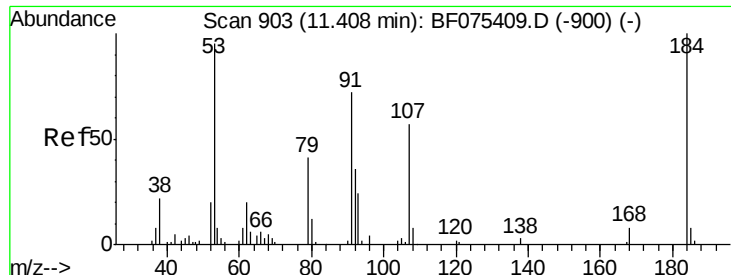
Acq: 15 Nov 2014 7:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 60038 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.4   | 10.2  | 15.2# |
| 92        | 93.7  | 91.0  | 136.6 |



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





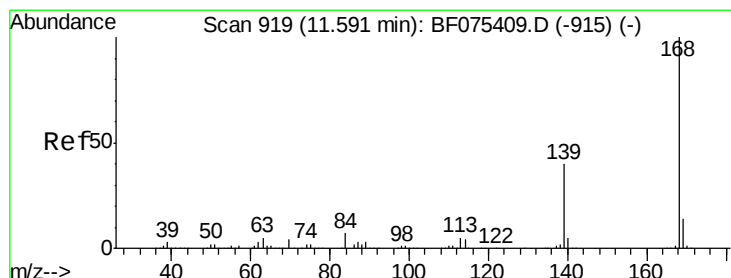
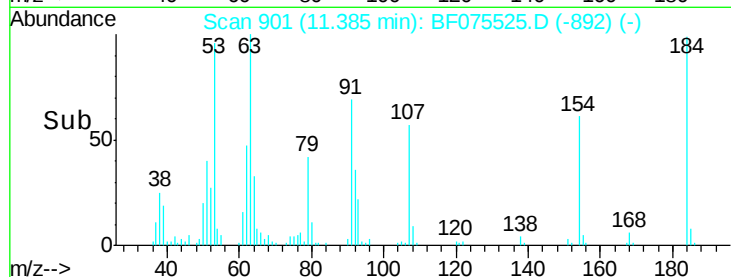
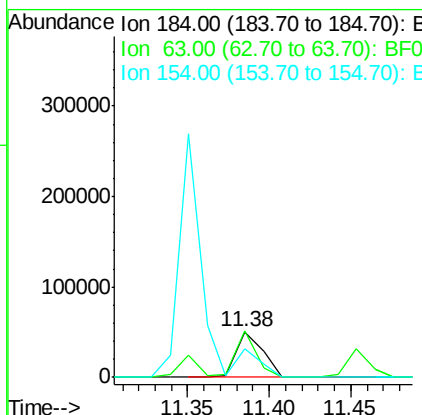
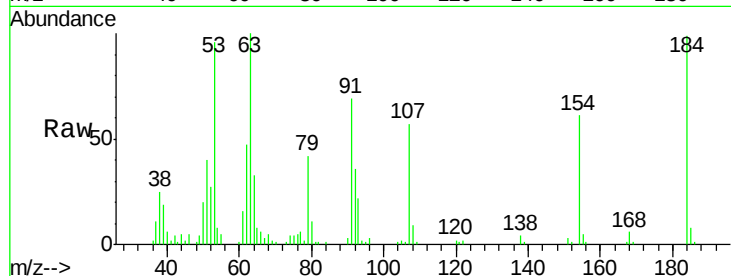
#53  
2,4-Dinitrophenol  
Concen: 73.76 ng  
RT: 11.38 min Scan# 901  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 101.4 | 96.3  | 144.5 |
| 154     | 61.8  | 56.2  | 84.4  |

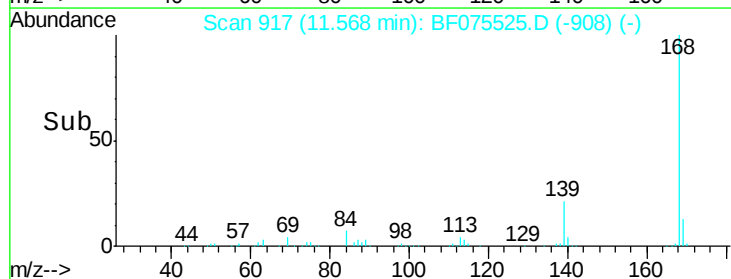
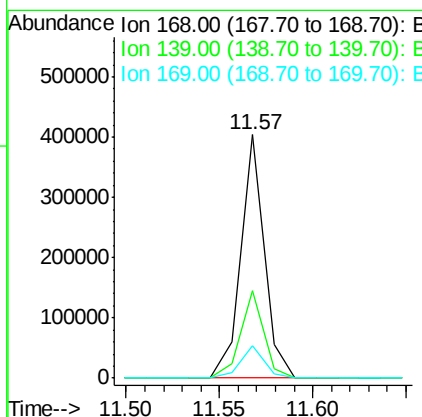
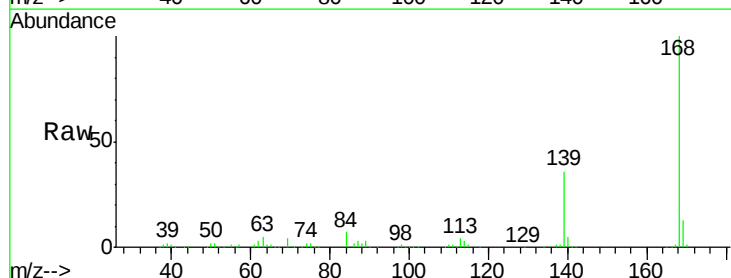
Manual Integrations  
APPROVED

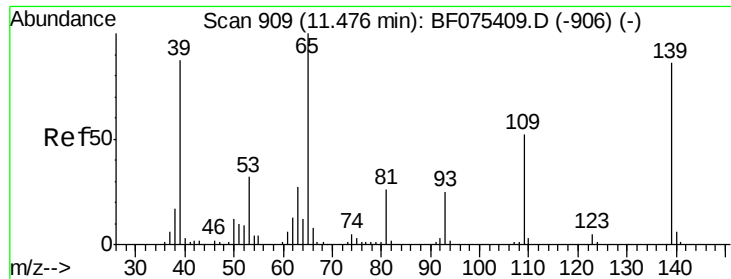
mohammad  
11/17/2014 7:36:06 PM



#54  
Dibenzofuran  
Concen: 45.08 ng  
RT: 11.57 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.8  | 33.0  | 49.4  |
| 169     | 13.3  | 10.8  | 16.2  |





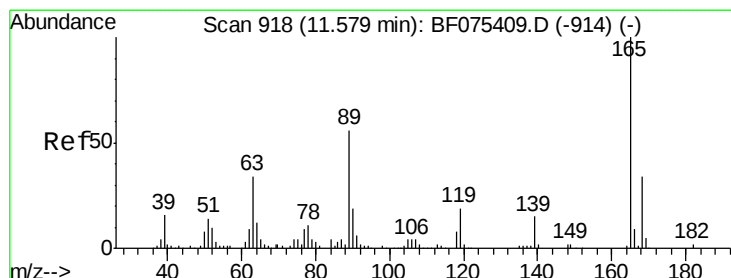
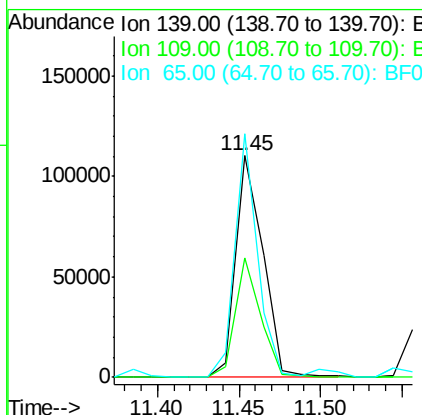
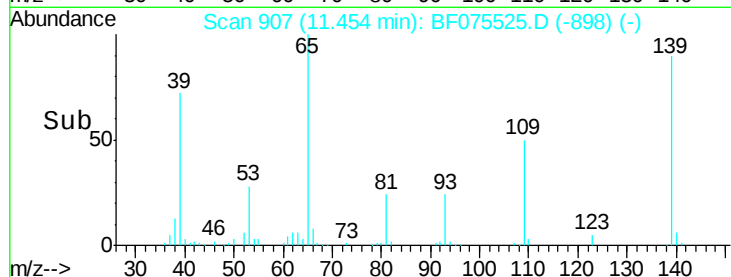
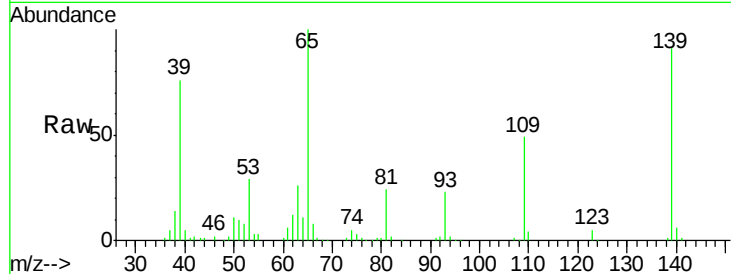
#55  
4-Nitrophenol  
Concen: 94.48 ng  
RT: 11.45 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 126306 |       |       |
| 109     | 54.0  | 45.8   | 85.8  |       |
| 65      | 109.8 | 94.8   | 134.8 |       |

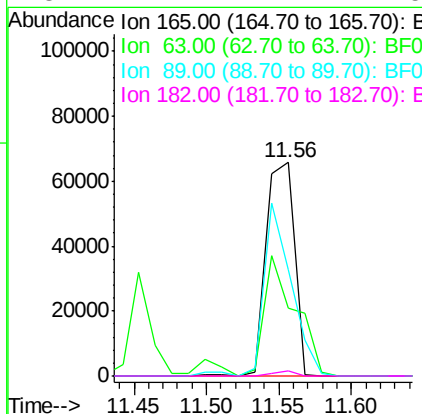
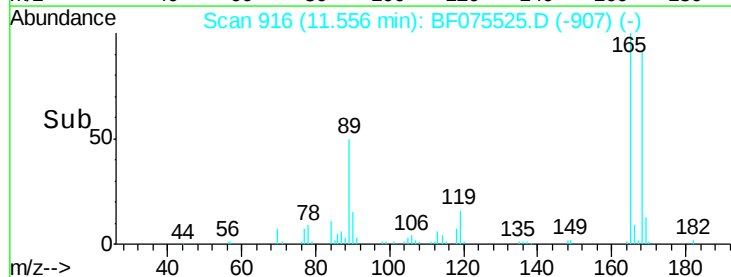
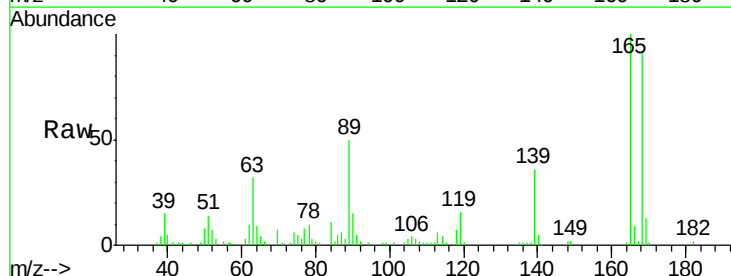
Manual Integrations  
APPROVED

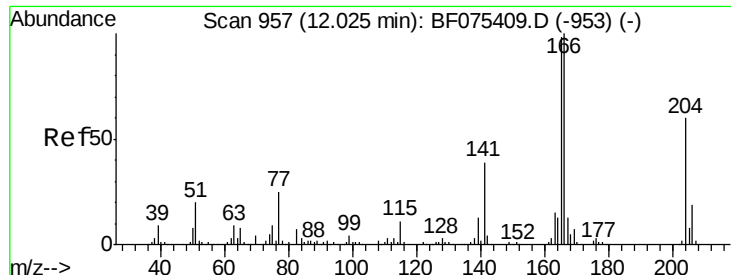
mohammad  
11/17/2014 7:36:06 PM



#56  
2,4-Dinitrotoluene  
Concen: 48.15 ng  
RT: 11.56 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 89715 |       |       |
| 63      | 31.5  | 27.0  | 40.6  |       |
| 89      | 50.0  | 47.8  | 71.6  |       |
| 182     | 2.2   | 1.7   | 2.5   |       |





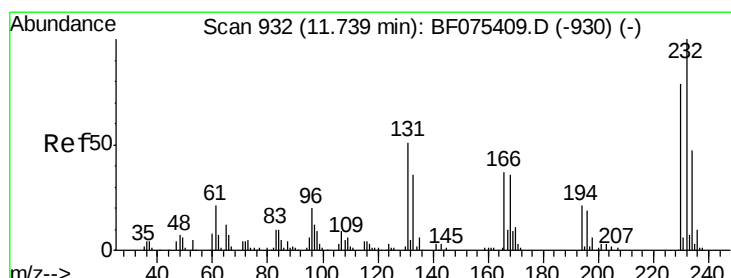
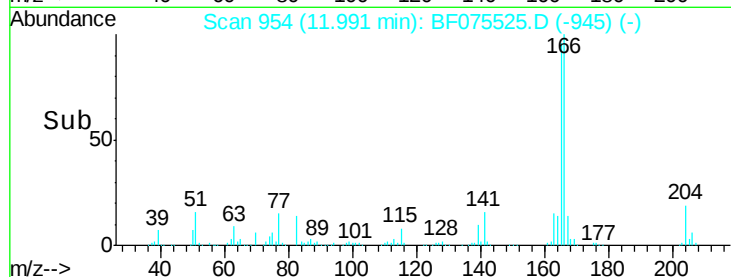
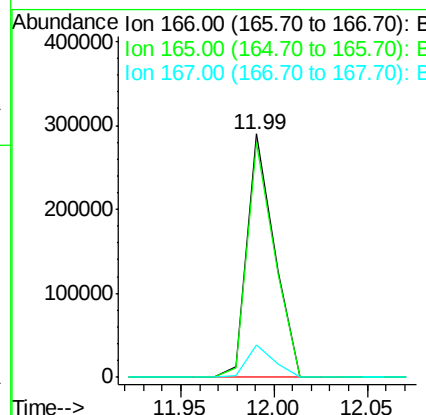
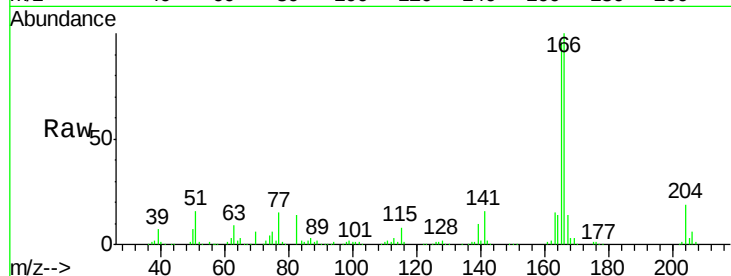
#57  
**Fluorene**  
 Concen: 45.99 ng  
 RT: 11.99 min Scan# 954  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 293874 |       |       |
| 165     | 96.5  | 78.8   | 118.2 |       |
| 167     | 13.6  | 10.6   | 15.8  |       |

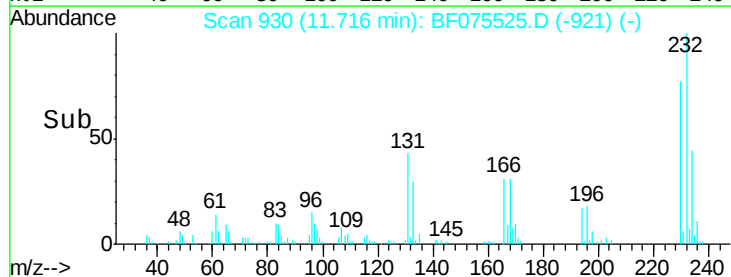
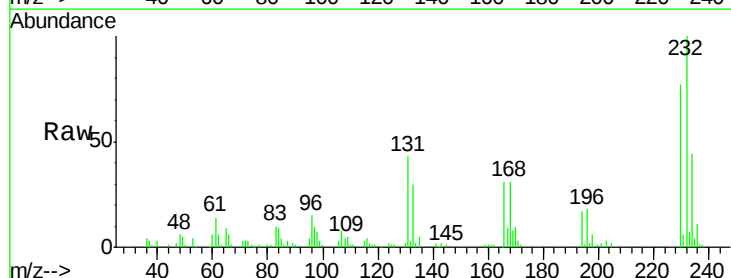
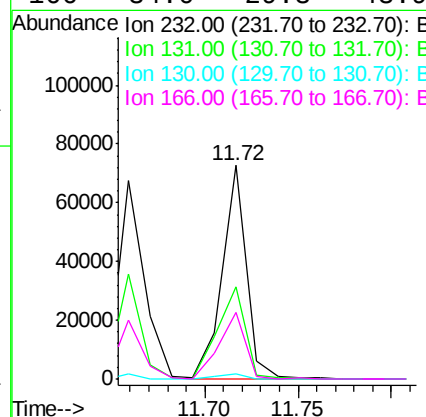
Manual Integrations  
 APPROVED

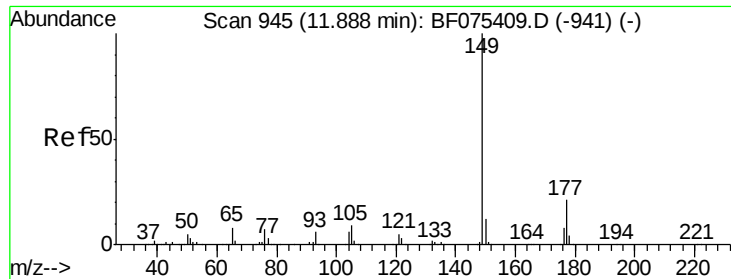
mohammad  
 11/17/2014 7:36:06 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 46.30 ng  
 RT: 11.72 min Scan# 930  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 65909 |       |       |
| 131     | 49.8  | 44.6  | 67.0  |       |
| 130     | 2.4   | 2.5   | 3.7#  |       |
| 166     | 34.0  | 29.3  | 43.9  |       |





#59

Diethylphthalate

Concen: 38.76 ng

RT: 11.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

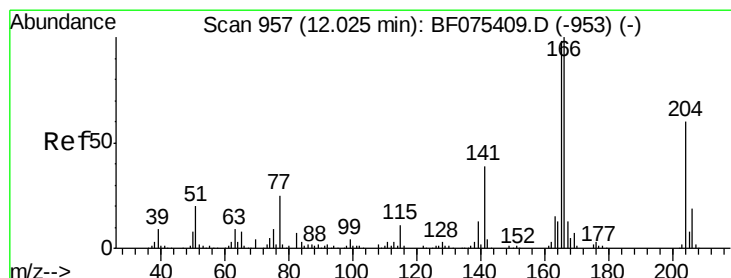
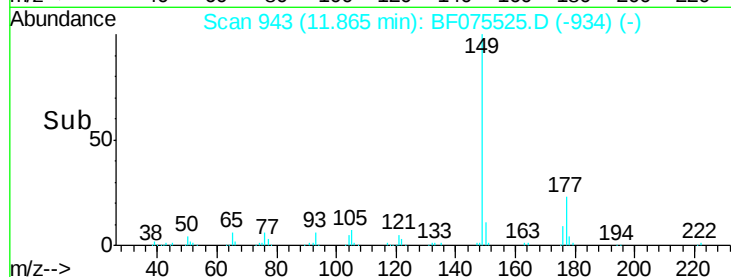
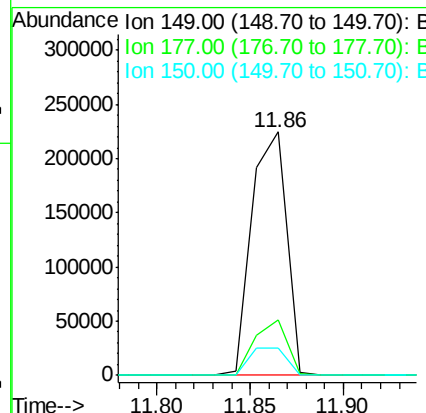
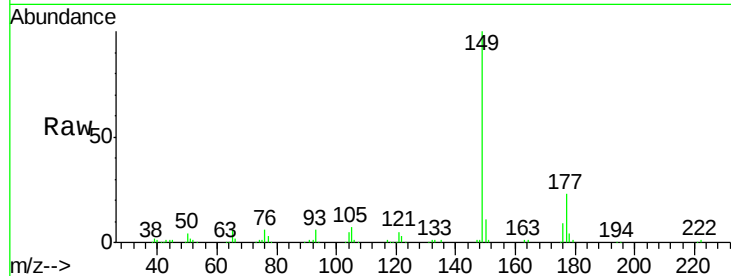
ClientSampleId :

PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 289637 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.8  | 15.8  | 23.8   |
| 150       | 11.3  | 9.9   | 14.9   |

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#60

4-Chlorophenyl-phenylether

Concen: 46.02 ng

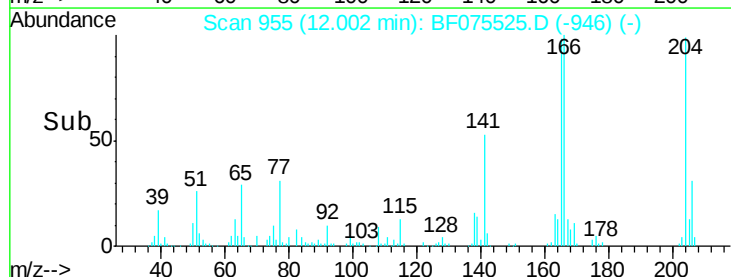
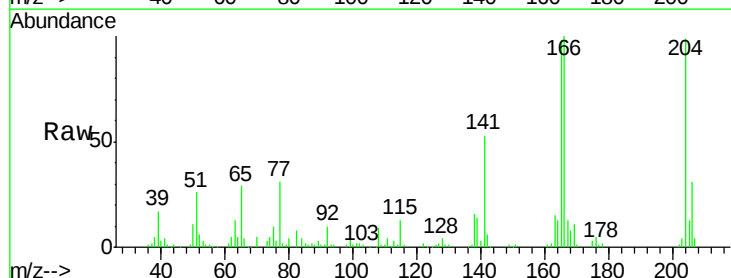
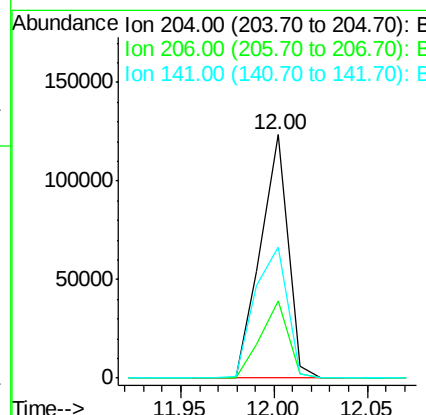
RT: 12.00 min Scan# 955

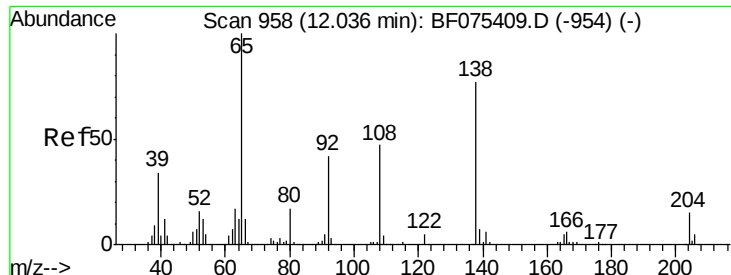
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 126453 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 31.7  | 25.1  | 37.7   |
| 141       | 53.7  | 58.6  | 87.8#  |





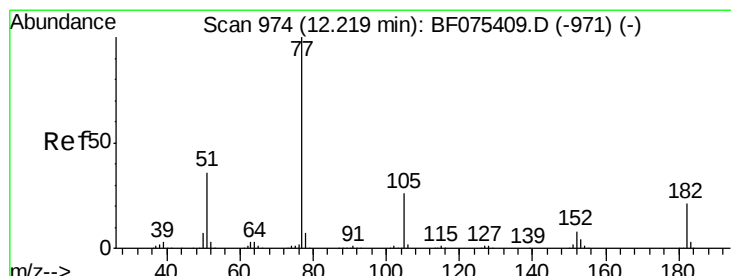
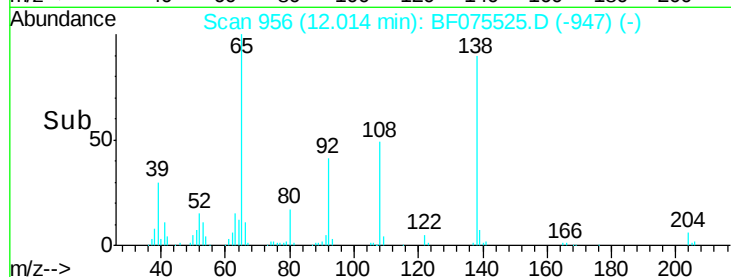
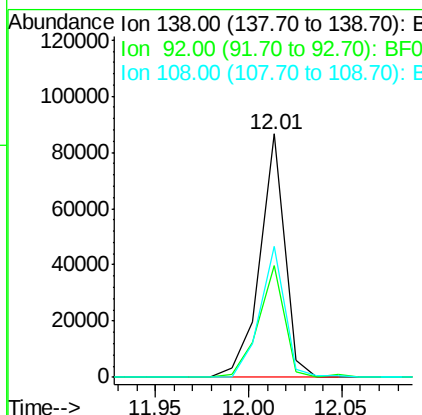
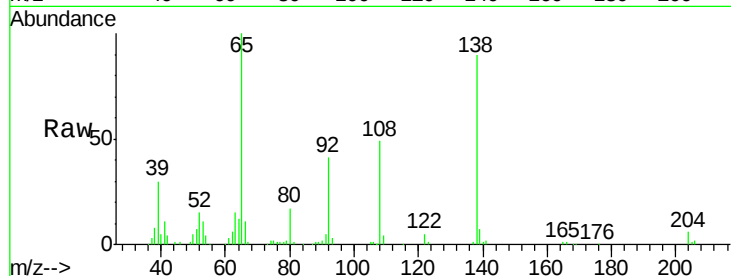
#61  
4-Nitroaniline  
Concen: 47.38 ng  
RT: 12.01 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 79202 |       |       |
| 92      | 45.8  |       | 34.8  | 74.8  |
| 108     | 53.8  |       | 50.6  | 90.6  |

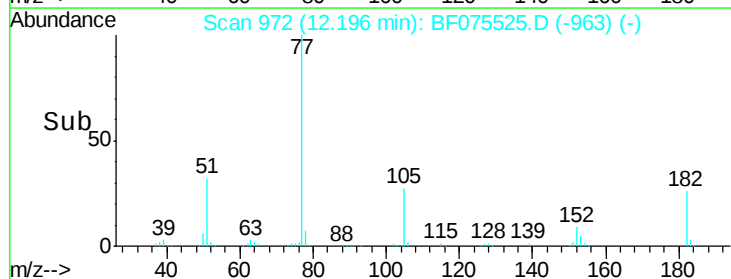
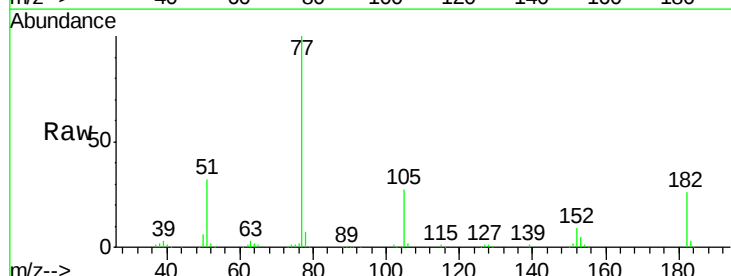
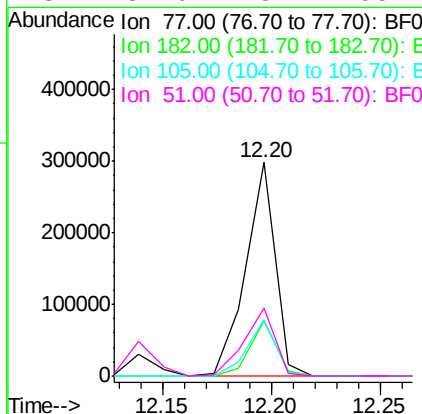
Manual Integrations  
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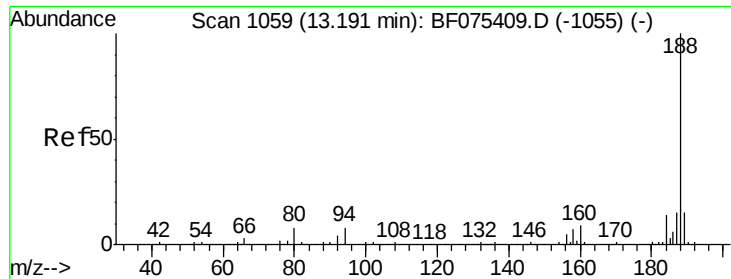
mohammad  
11/17/2014 7:36:06 PM



#62  
Azobenzene  
Concen: 42.72 ng  
RT: 12.20 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 280799 |       |       |
| 182     | 25.9  |        | 0.0   | 37.1  |
| 105     | 26.5  |        | 3.7   | 43.7  |
| 51      | 32.0  |        | 18.7  | 58.7  |





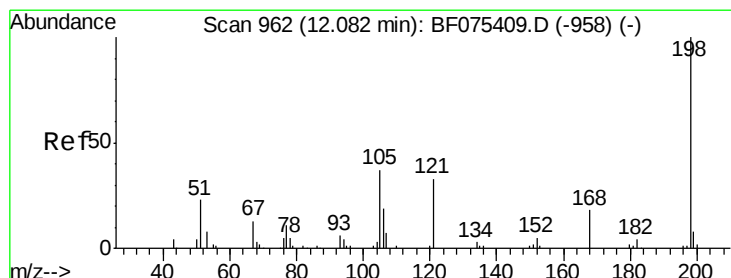
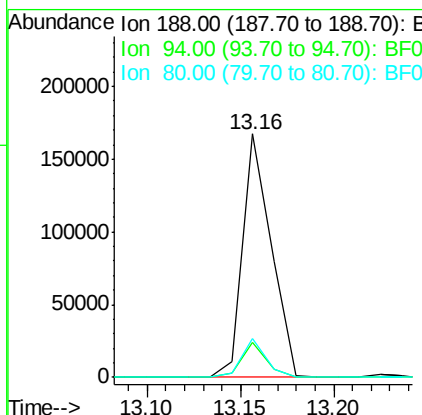
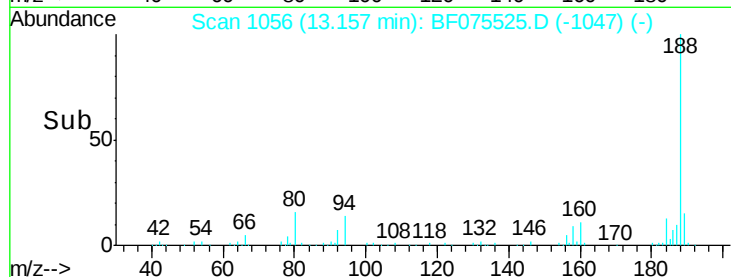
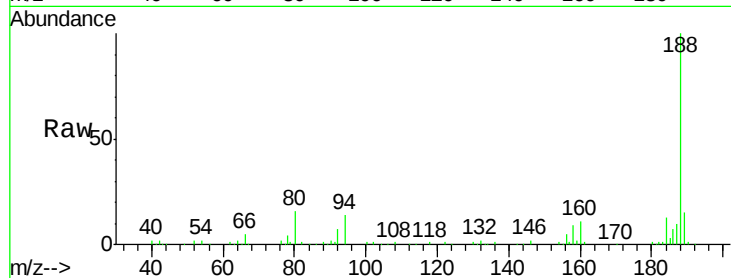
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 13.16 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 14.2  | 7.8        | 11.6# |
| 80      | 15.8  | 8.0        | 12.0# |

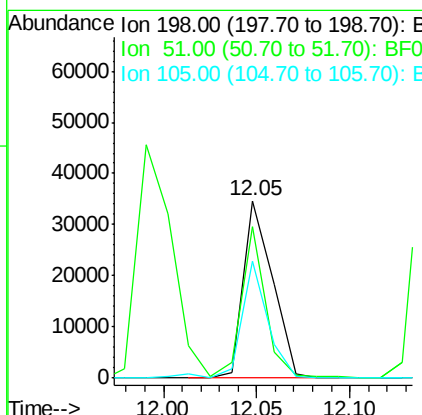
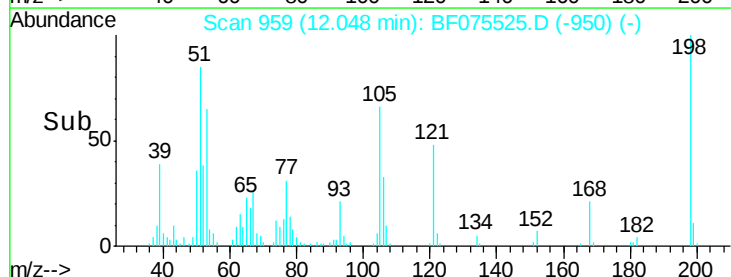
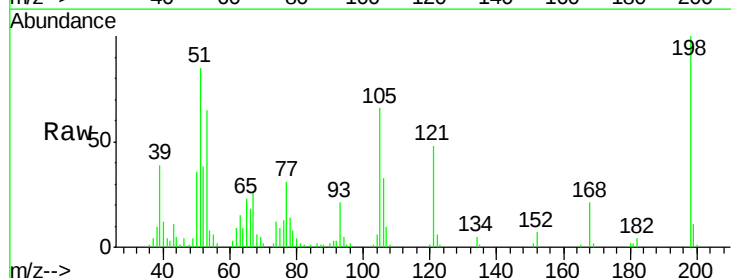
Manual Integrations  
APPROVED

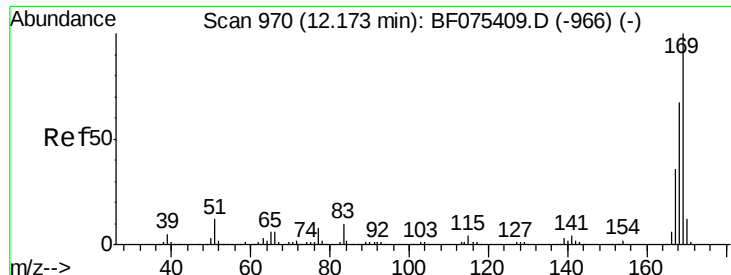
mohammad  
11/17/2014 7:36:06 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.80 ng  
RT: 12.05 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 85.3  | 26.0       | 66.0# |
| 105     | 66.2  | 24.2       | 64.2# |





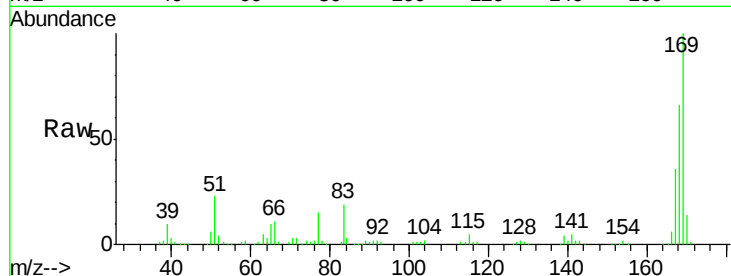
#65  
n-Nitrosodiphenylamine  
Concen: 42.62 ng  
RT: 12.14 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

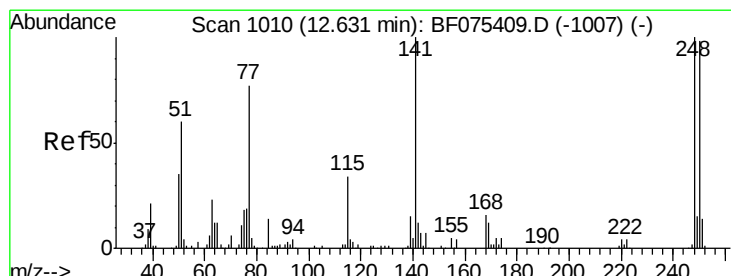
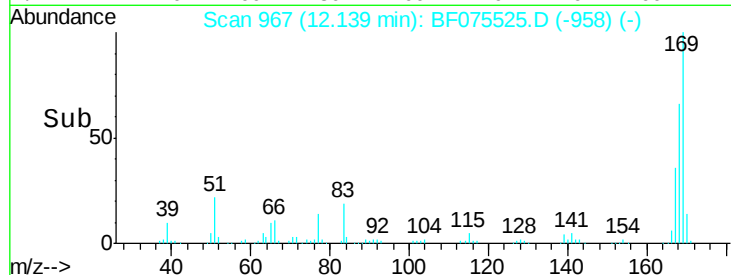
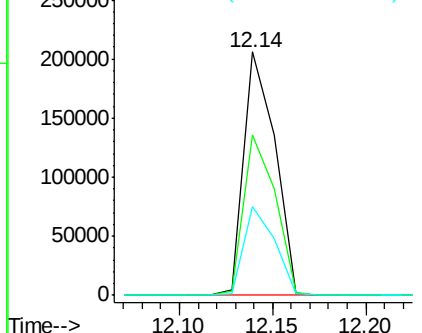
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 239235 |       |       |
| 168     | 65.9  | 53.5   | 80.3  |       |
| 167     | 36.3  | 29.8   | 44.6  |       |

Manual Integrations  
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11/17/2014 7:36:06 PM

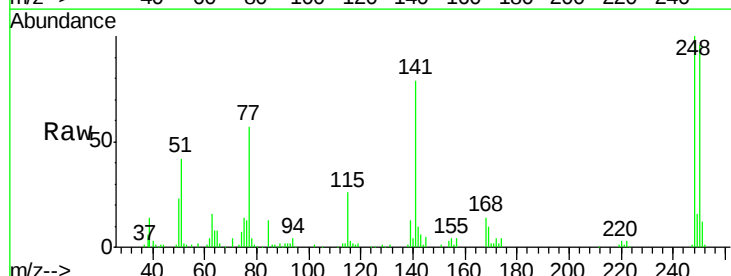


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

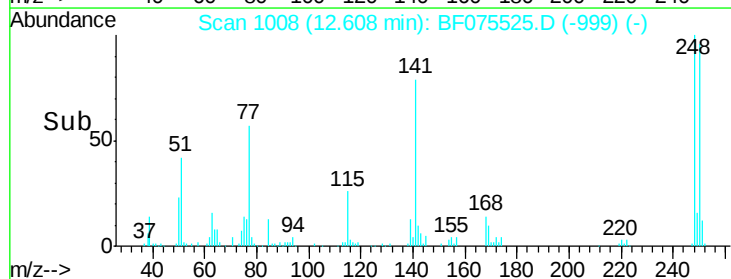
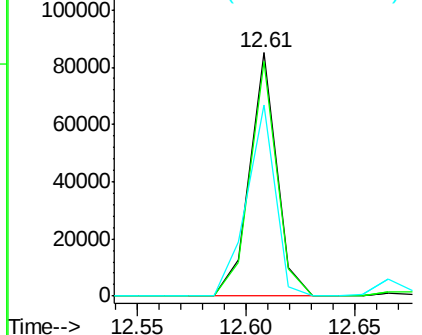


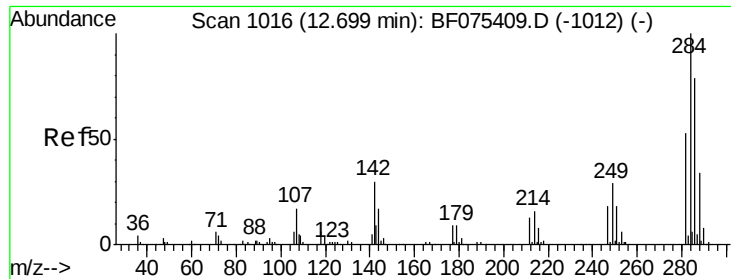
#66  
4-Bromophenyl-phenylether  
Concen: 44.17 ng  
RT: 12.61 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 73737 |       |       |
| 250     | 96.3  | 76.3  | 114.5 |       |
| 141     | 78.5  | 44.3  | 66.5  |       |



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





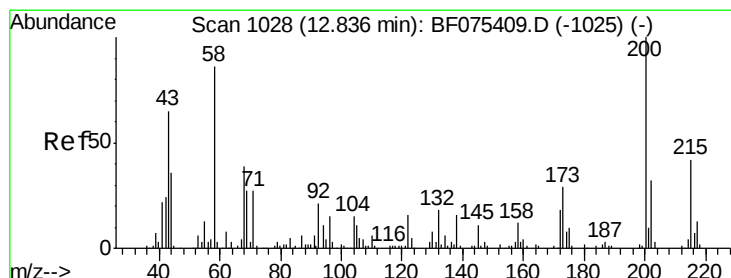
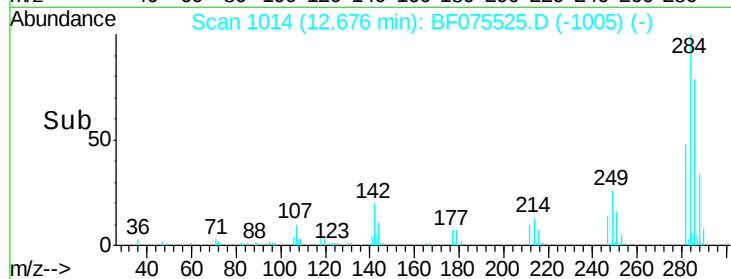
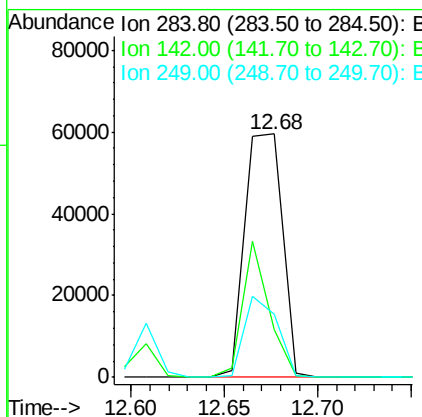
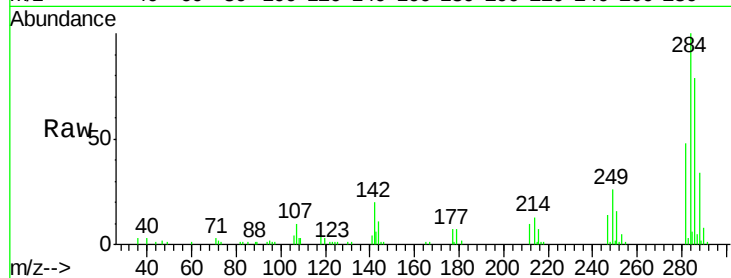
#67  
Hexachlorobenzene  
Concen: 43.80 ng  
RT: 12.68 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 83037 |       |       |
| 142     | 19.6  | 28.7  | 43.1  | #     |
| 249     | 25.8  | 24.1  | 36.1  |       |

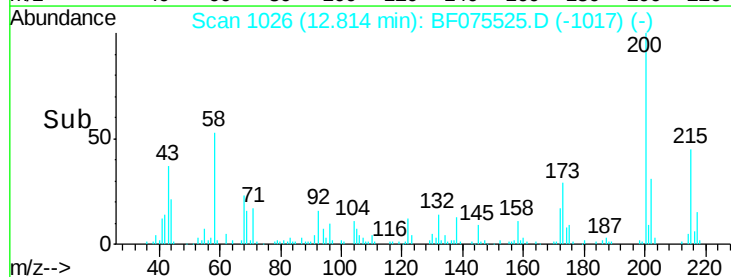
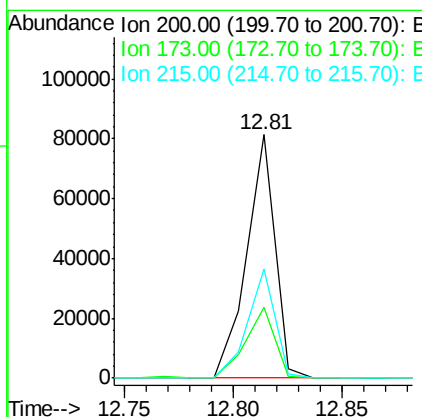
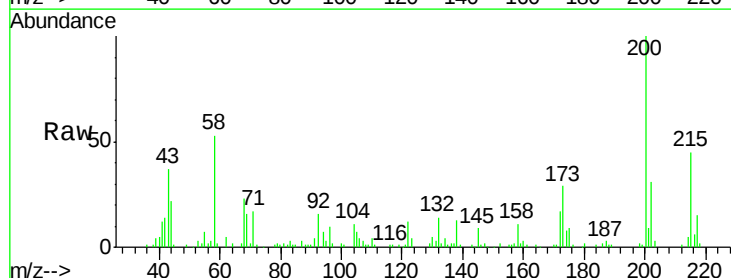
Manual Integrations  
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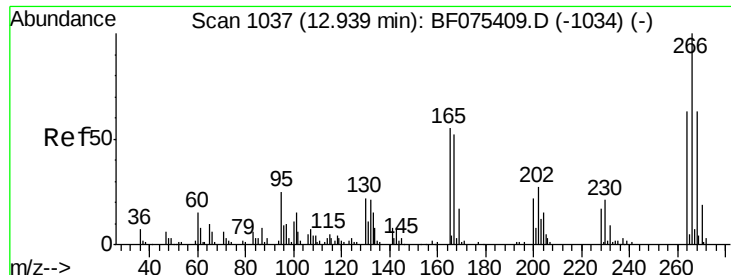
mohammad  
11/17/2014 7:36:06 PM



#68  
Atrazine  
Concen: 41.96 ng  
RT: 12.81 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 73093 |       |       |
| 173     | 29.0  | 12.3  | 52.3  |       |
| 215     | 44.9  | 23.8  | 63.8  |       |





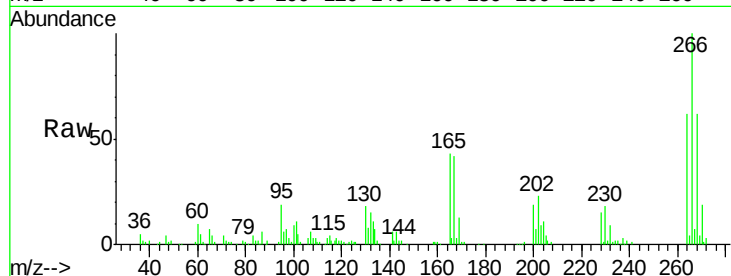
#69  
 Pentachlorophenol  
 Concen: 85.07 ng  
 RT: 12.92 min Scan# 1035  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 101230 |       |       |
| 268     | 61.7  | 48.6   | 73.0  |       |
| 264     | 61.8  | 52.1   | 78.1  |       |

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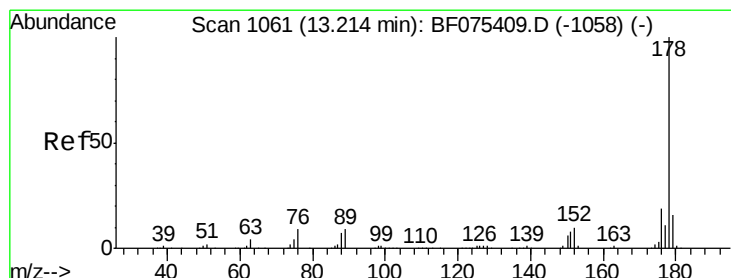
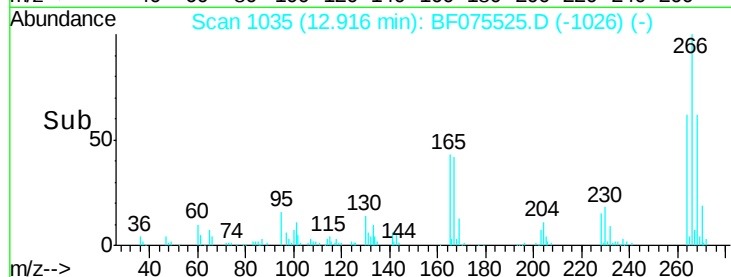
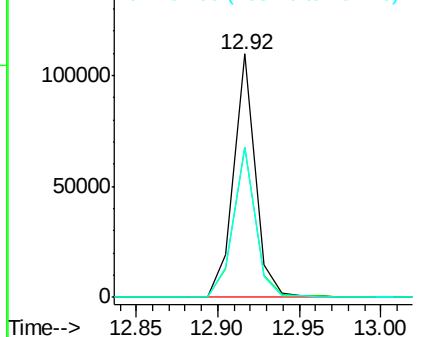


Abundance

Ion 265.70 (265.40 to 266.40): E

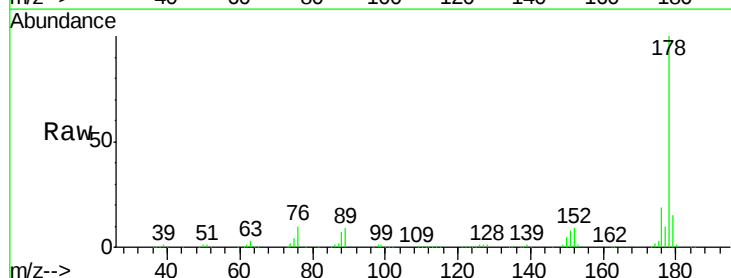
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 47.20 ng  
 RT: 13.19 min Scan# 1059  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 440777 |       |       |
| 176     | 19.3  | 15.3   | 22.9  |       |
| 179     | 15.0  | 12.2   | 18.4  |       |

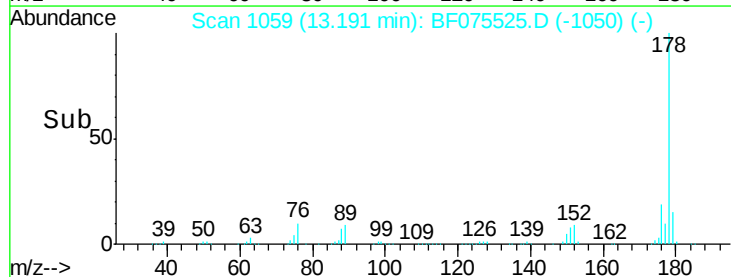
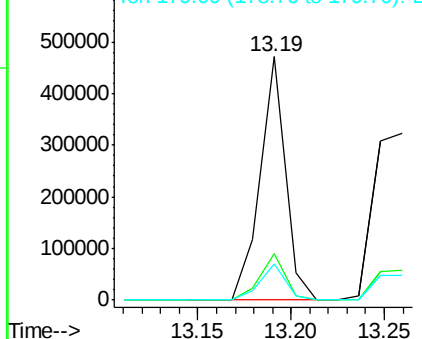


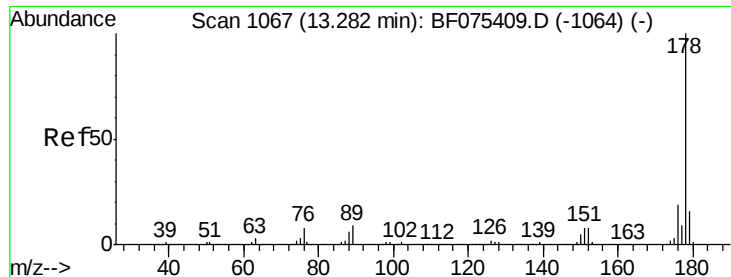
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





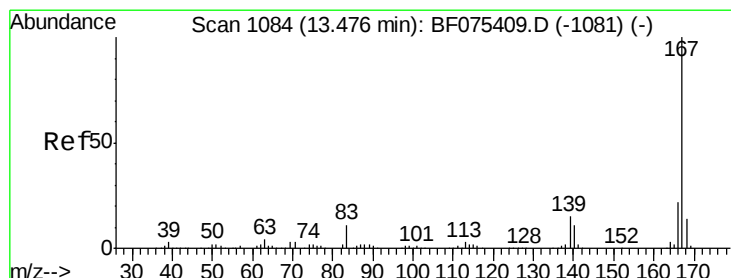
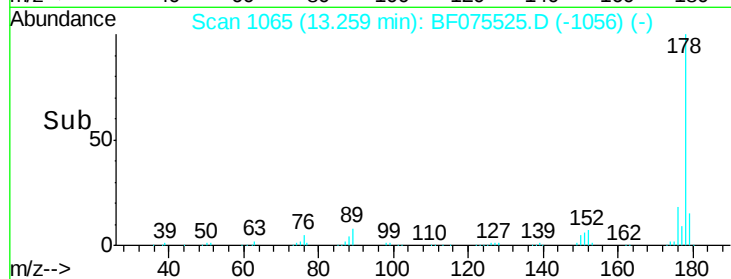
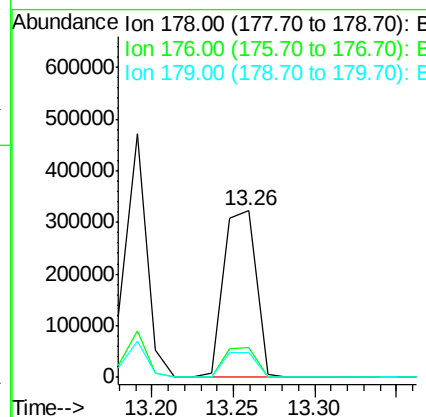
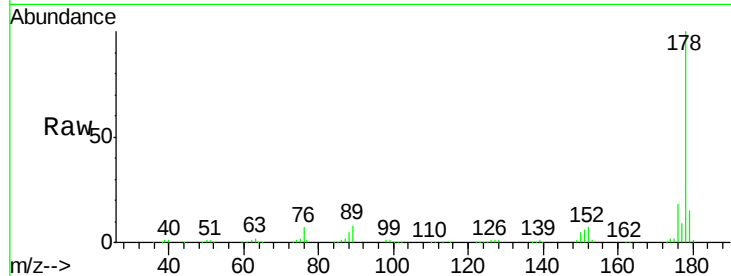
#71  
 Anthracene  
 Concen: 45.83 ng  
 RT: 13.26 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.1  | 22.7  |
| 179     | 15.1  | 12.2  | 18.2  |

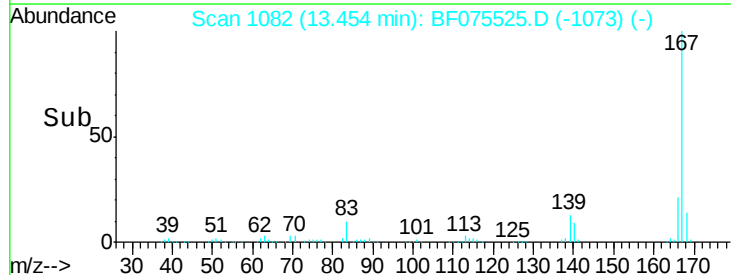
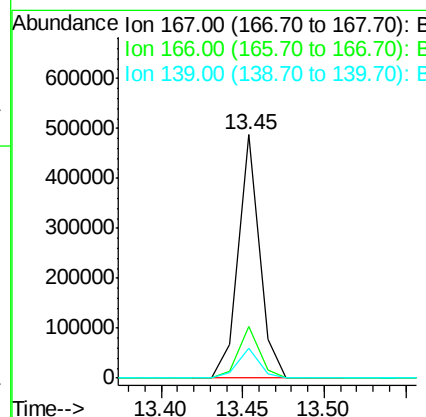
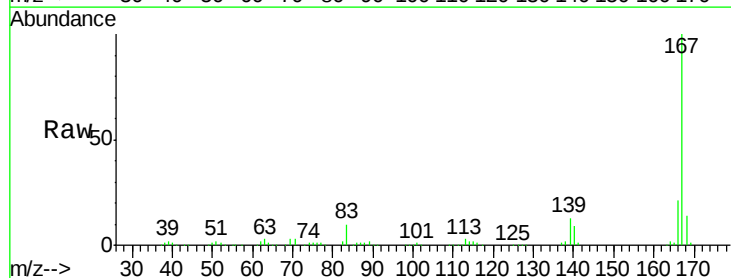
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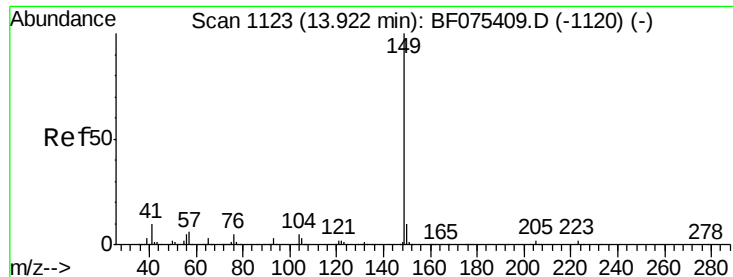
mohammad  
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#72  
 Carbazole  
 Concen: 46.20 ng  
 RT: 13.45 min Scan# 1082  
 Delta R.T. 0.00 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 17.4  | 26.0  |
| 139     | 12.5  | 10.1  | 15.1  |





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

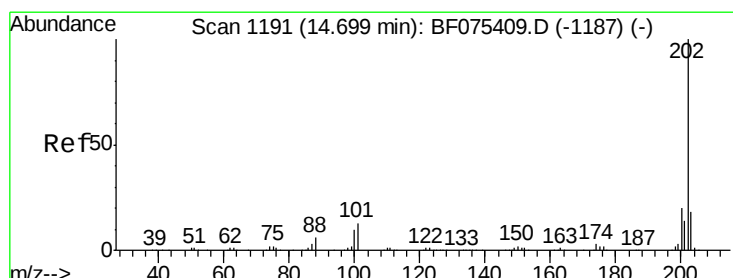
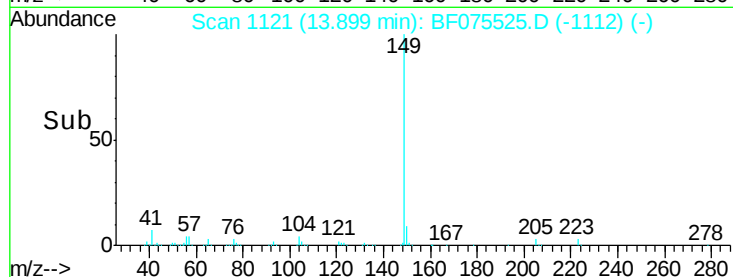
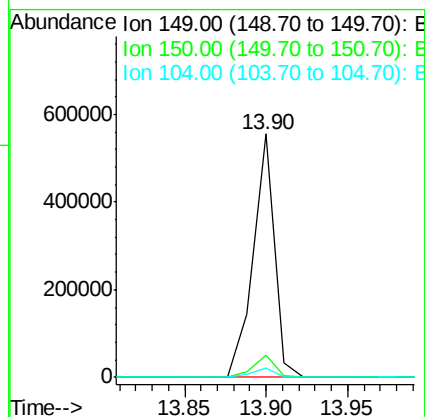
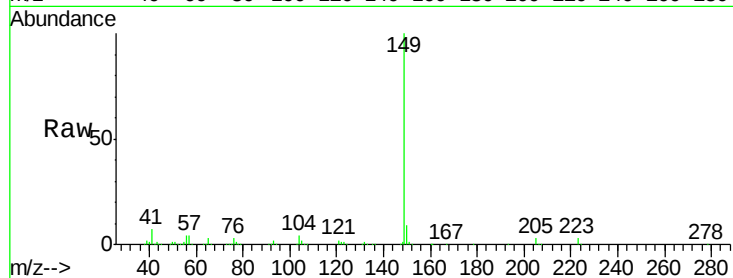
ClientSampleId :

PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 504543 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.3   | 10.9   |
| 104       | 3.9   | 3.1   | 4.7    |

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#74

Fluoranthene

Concen: 45.13 ng

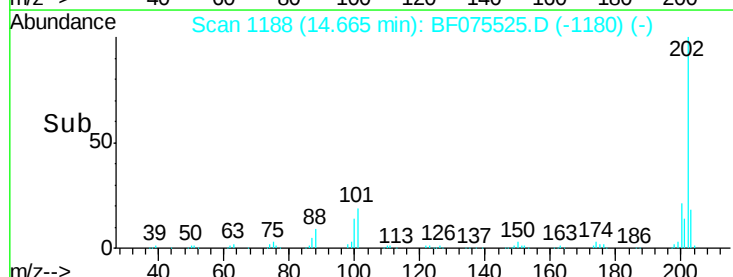
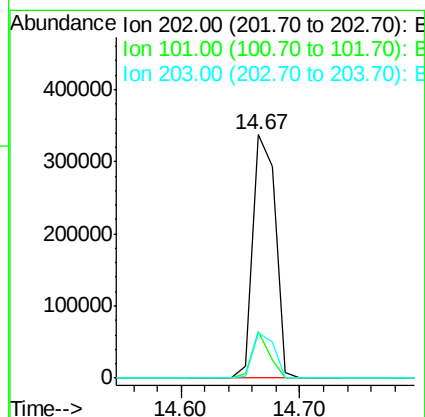
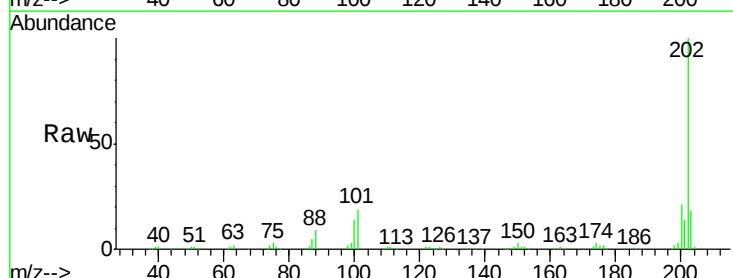
RT: 14.67 min Scan# 1188

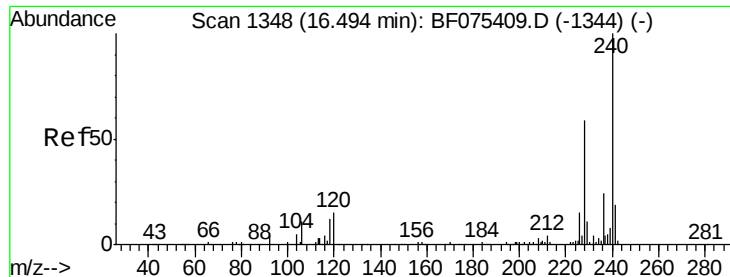
Delta R.T. -0.01 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 451392 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 18.9  | 0.0   | 36.6   |
| 203       | 18.5  | 0.0   | 38.2   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.47 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

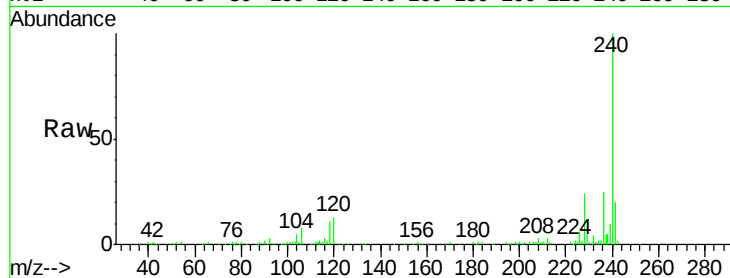
ClientSampled :

PB80209BS

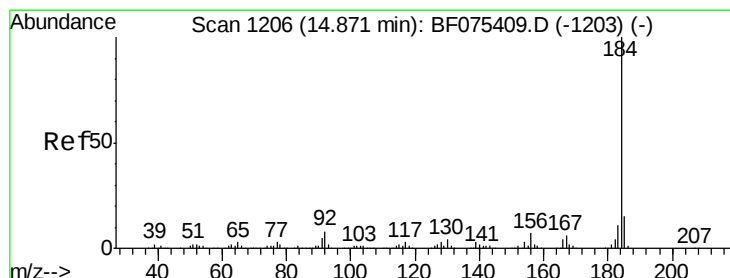
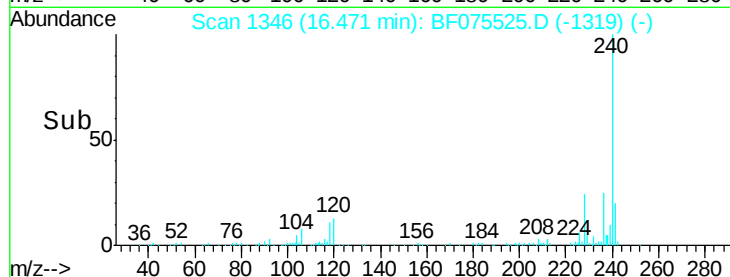
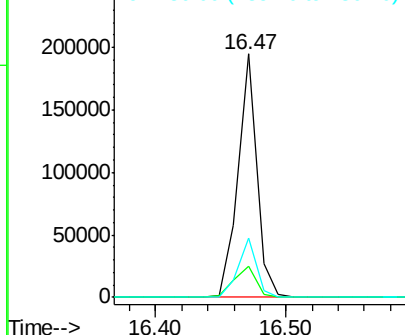
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 194819 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.0  | 9.6   | 14.4   |
| 236       | 24.5  | 18.9  | 28.3   |

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.80 ng

RT: 14.84 min Scan# 1203

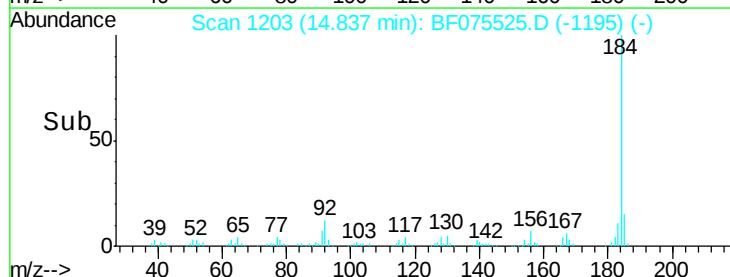
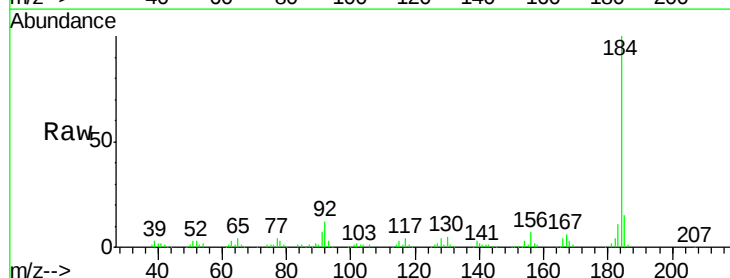
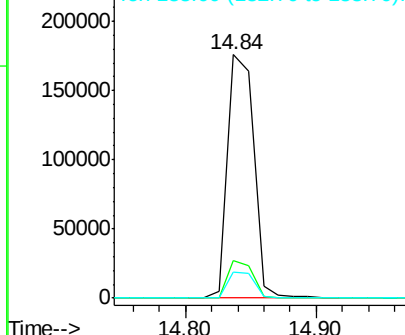
Delta R.T. -0.01 min

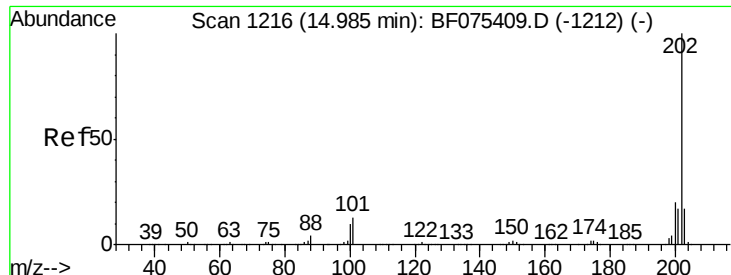
Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 246562 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 10.9  | 16.3   |
| 183       | 10.5  | 8.7   | 13.1   |

Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.66 ng

RT: 14.95 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

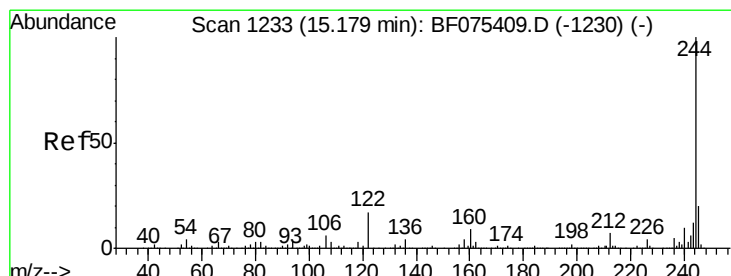
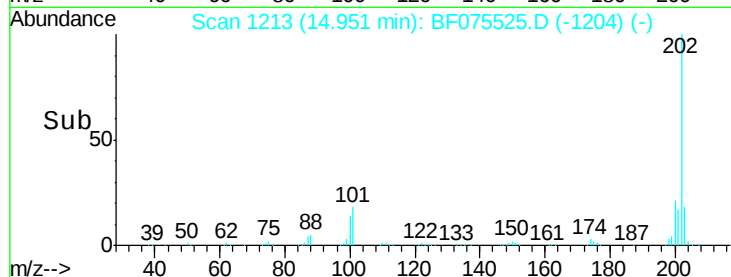
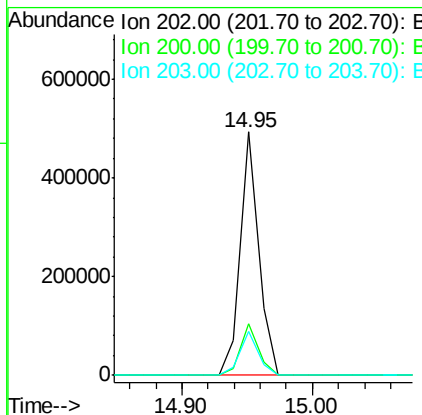
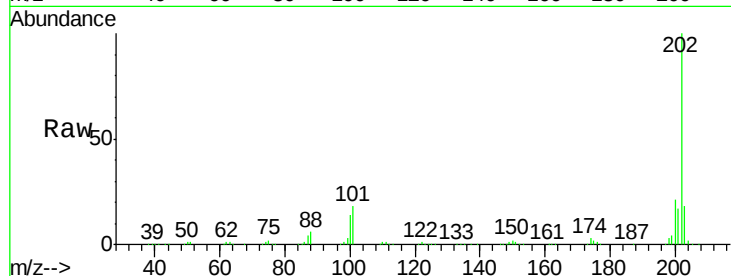
ClientSampleId :

PB80209BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 483189 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 16.8  | 25.2   |
| 203       | 17.9  | 14.3  | 21.5   |

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#78

Terphenyl-d14

Concen: 84.90 ng

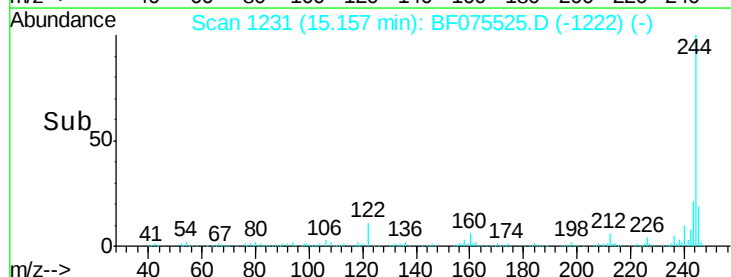
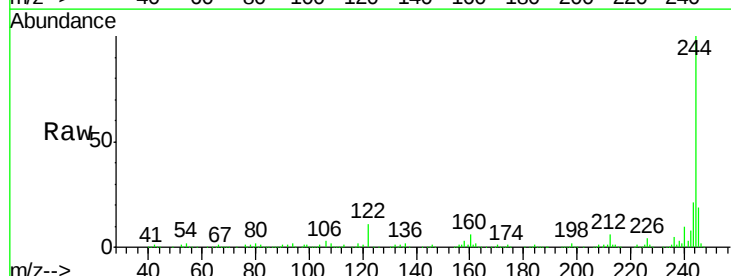
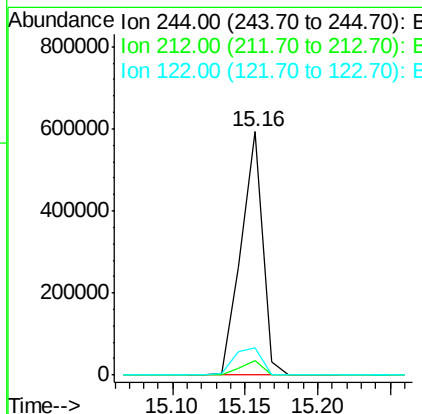
RT: 15.16 min Scan# 1231

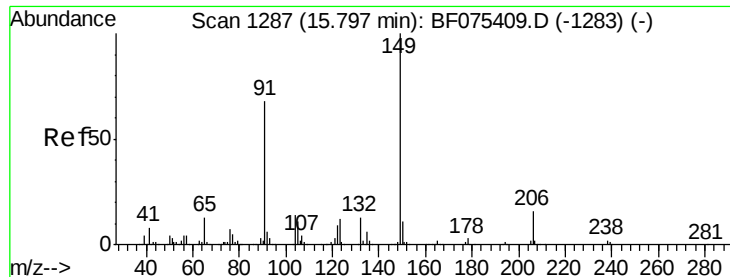
Delta R.T. 0.00 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 614386 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.2   | 5.5   | 8.3    |
| 122       | 11.2  | 9.7   | 14.5   |





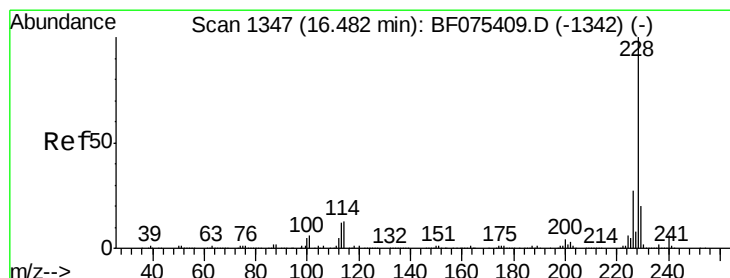
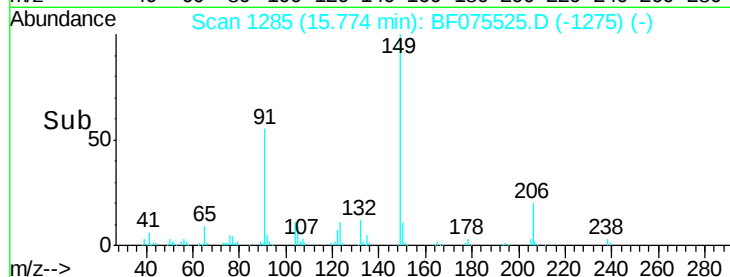
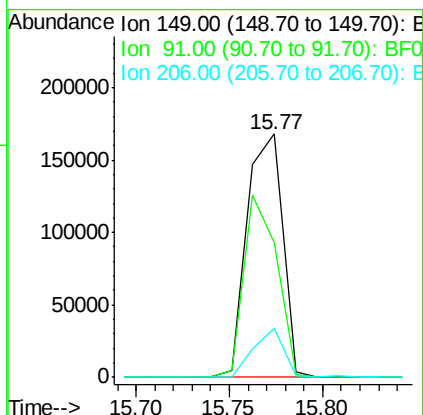
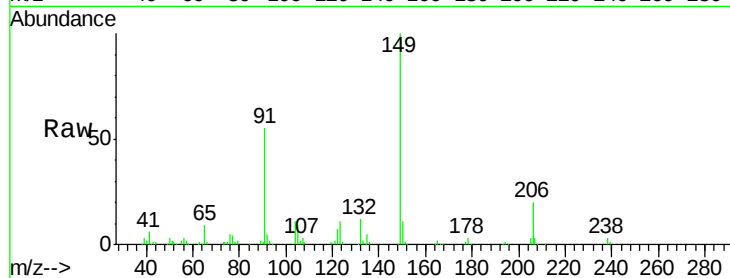
#79  
Butylbenzylphthalate  
Concen: 34.86 ng  
RT: 15.77 min Scan# 1285  
Delta R.T. 0.01 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 221748 |       |       |
| 91      | 55.5  | 49.0   | 73.4  |       |
| 206     | 20.3  | 15.5   | 23.3  |       |

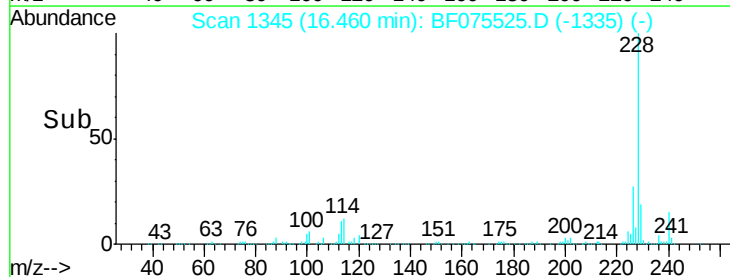
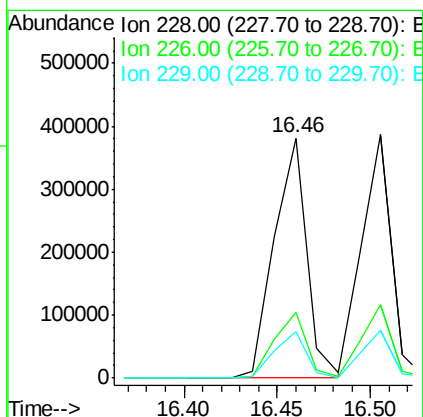
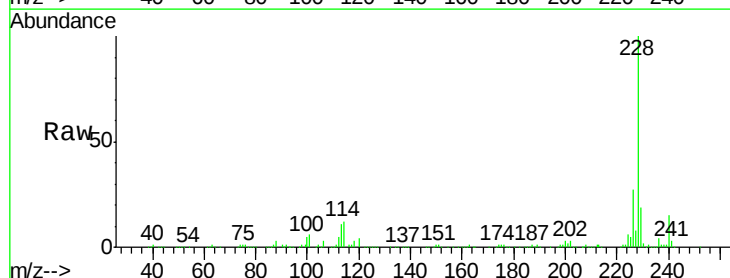
Manual Integrations  
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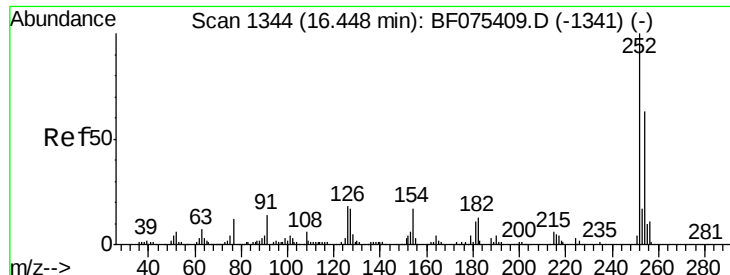
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 45.13 ng  
RT: 16.46 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 461843 |       |       |
| 226     | 27.4  | 21.8   | 32.8  |       |
| 229     | 19.5  | 15.3   | 22.9  |       |





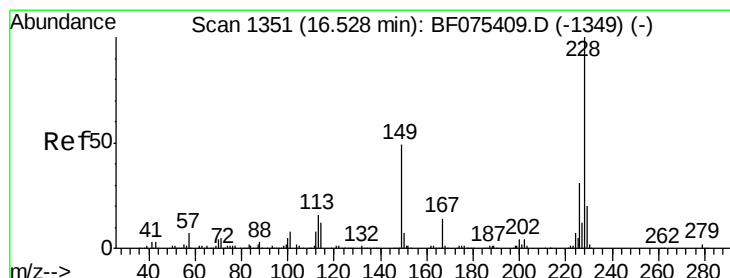
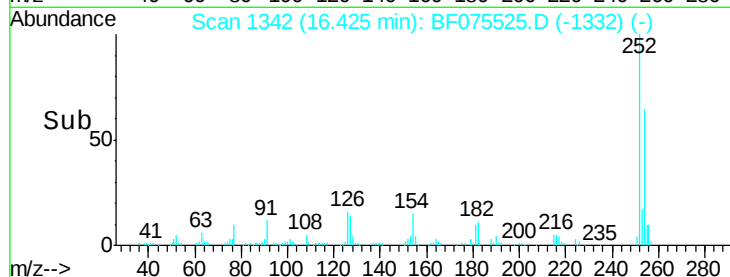
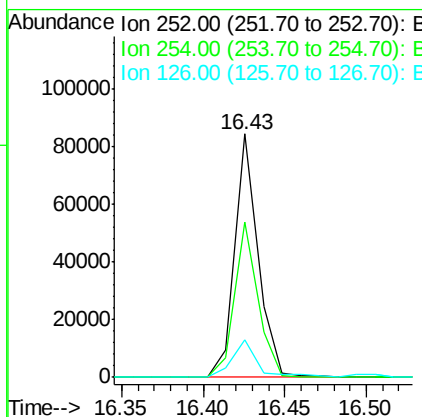
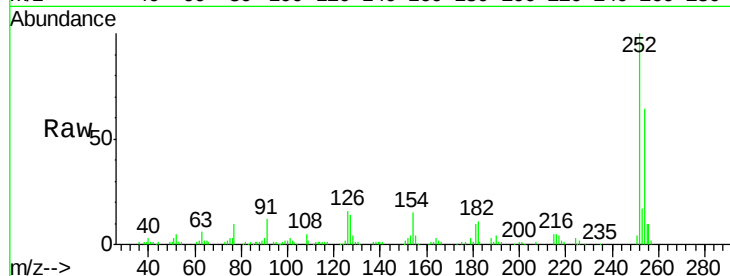
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.99 ng  
 RT: 16.43 min Scan# 1342  
 Delta R.T. 0.01 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.9  | 50.0  | 75.0  |
| 126     | 15.6  | 16.0  | 24.0  |

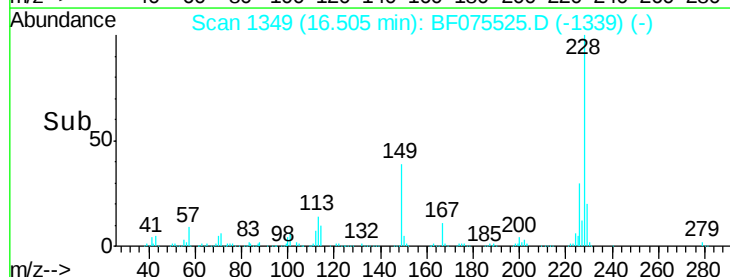
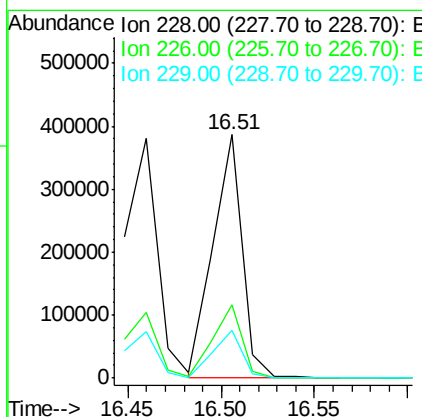
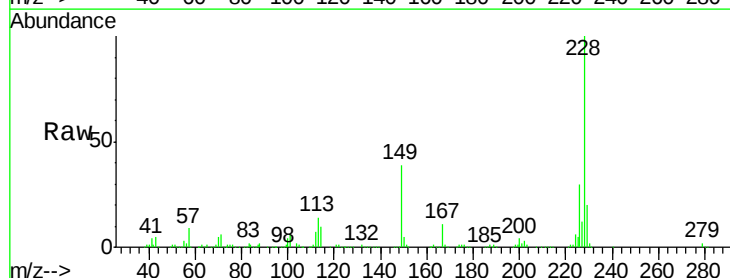
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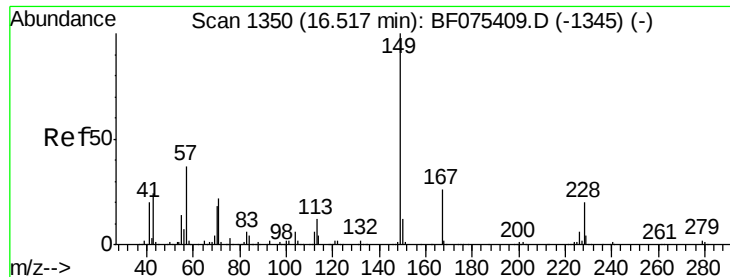
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#82  
 Chrysene  
 Concen: 47.48 ng  
 RT: 16.51 min Scan# 1349  
 Delta R.T. 0.01 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 23.8  | 35.6  |
| 229     | 19.7  | 15.8  | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.83 ng

RT: 16.49 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

Instrument :

BNA\_F

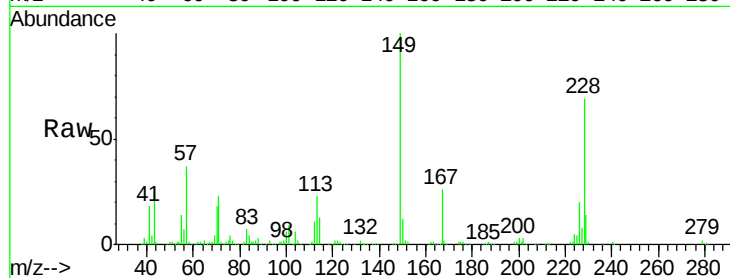
ClientSampleId :

PB80209BS

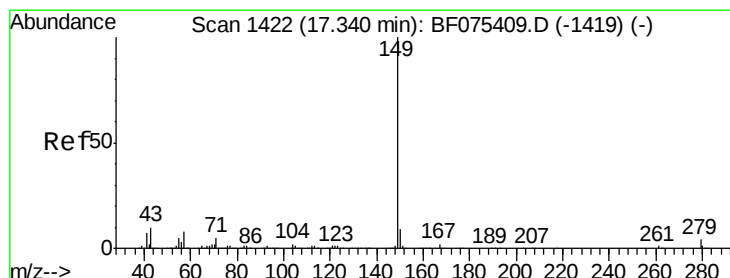
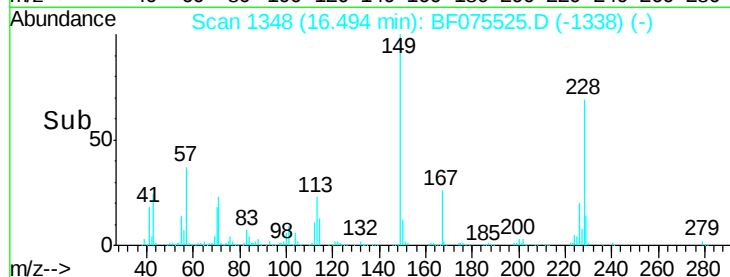
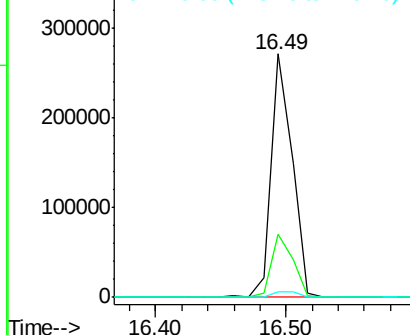
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 308932 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.1  | 21.4  | 32.2   |
| 279       | 2.4   | 2.8   | 4.2#   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.74 ng

RT: 17.32 min Scan# 1420

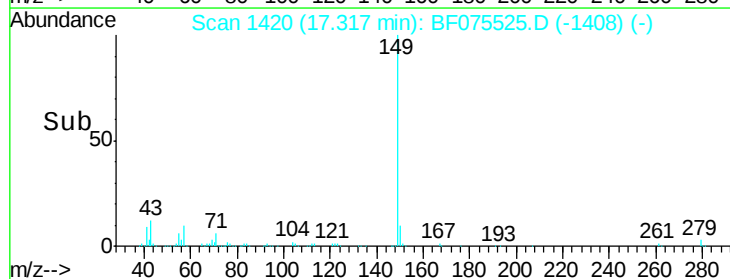
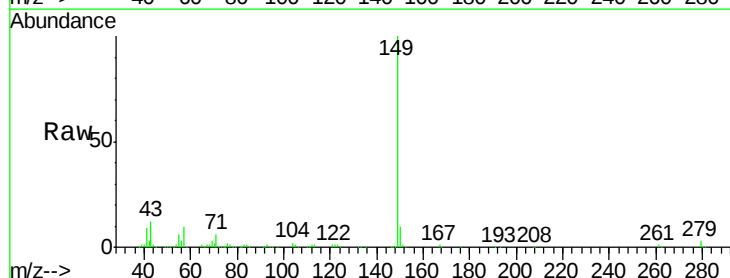
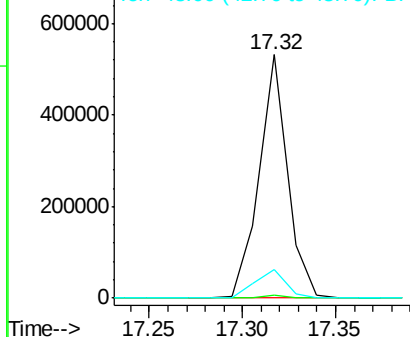
Delta R.T. 0.03 min

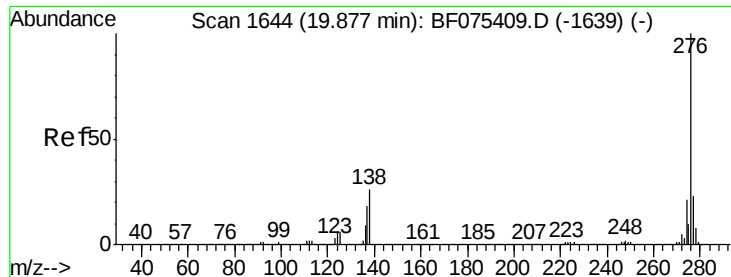
Lab File: BF075525.D

Acq: 15 Nov 2014 7:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 559864 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.1   | 1.7    |
| 43        | 12.8  | 11.0  | 16.4   |

Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





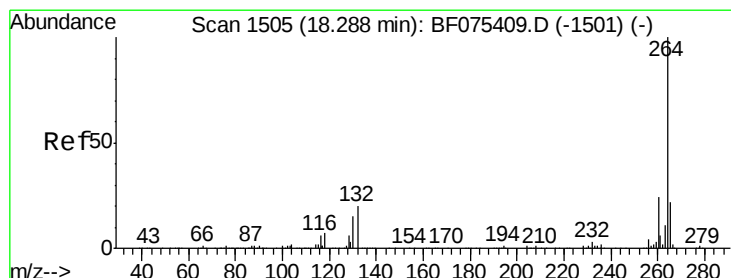
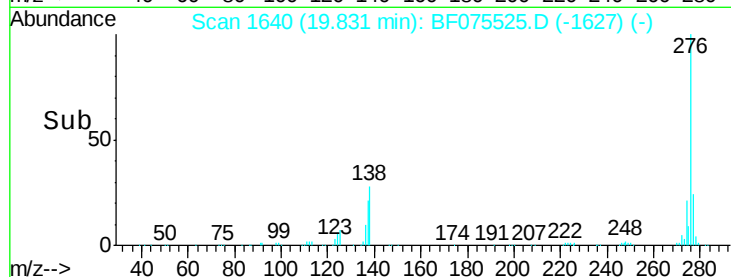
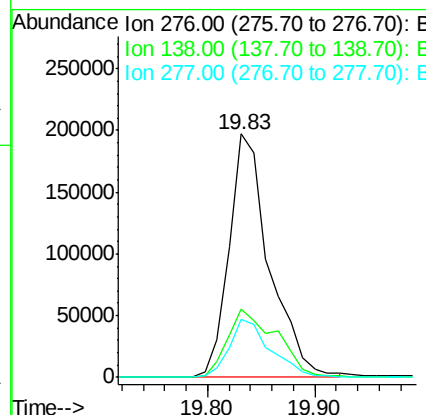
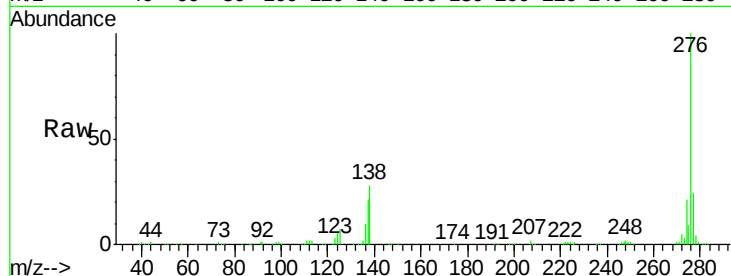
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.26 ng/ml  
 RT: 19.83 min Scan# 1640  
 Delta R.T. 0.05 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB80209BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 518226 |       |       |
| 138     | 24.7  | 0.0    | 0.0   | 0.0   |
| 277     | 19.4  | 0.0    | 0.0   | 0.0   |

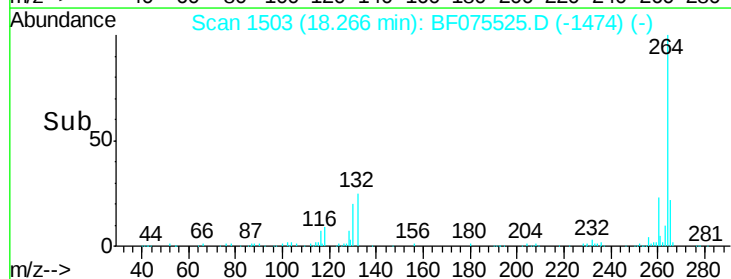
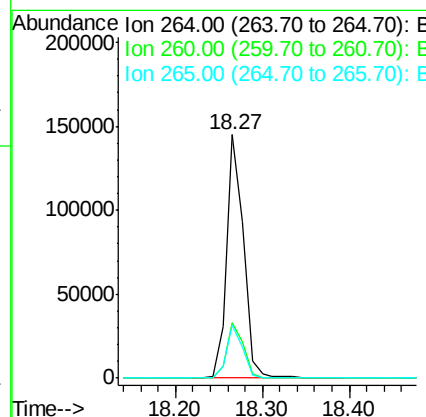
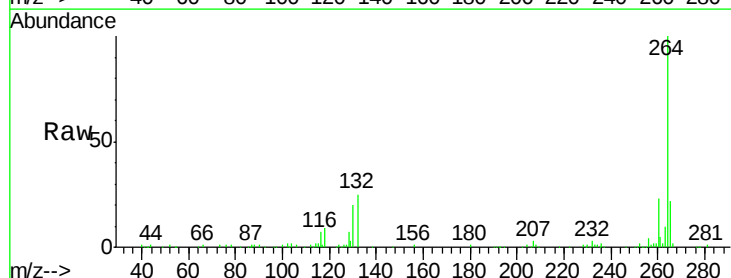
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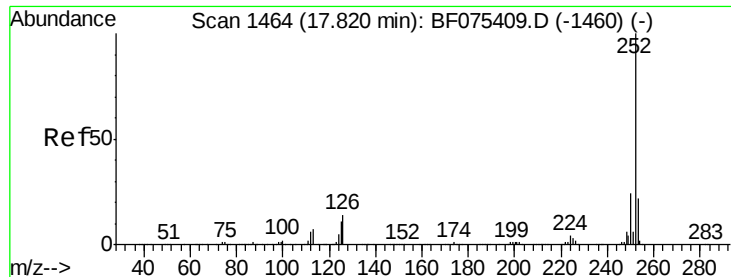
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 18.27 min Scan# 1503  
 Delta R.T. 0.03 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 196222 |       |       |
| 260     | 22.7  | 17.9   | 26.9  |       |
| 265     | 21.7  | 16.3   | 24.5  |       |





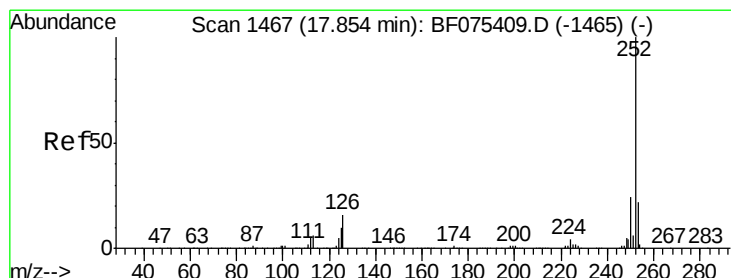
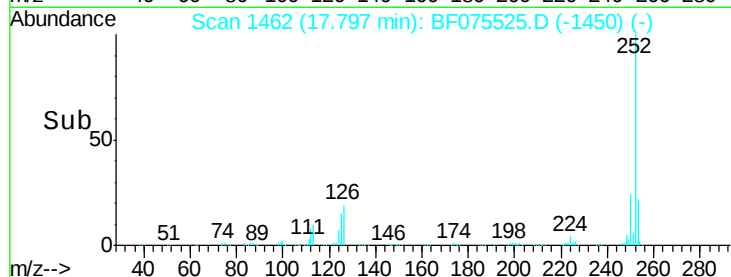
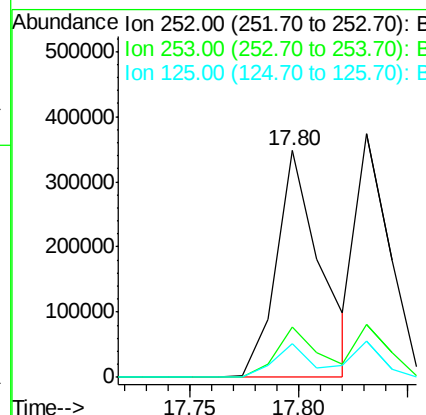
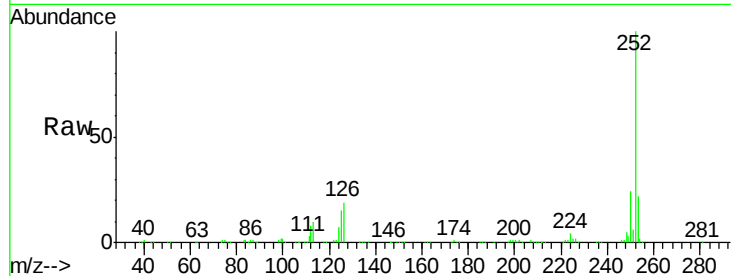
#87  
Benzo(b)fluoranthene  
Concen: 47.16 ng  
RT: 17.80 min Scan# 1462  
Delta R.T. 0.03 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.7  | 26.5  |
| 125     | 15.0  | 11.8  | 17.6  |

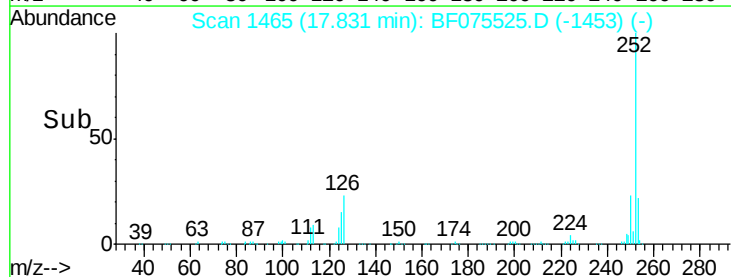
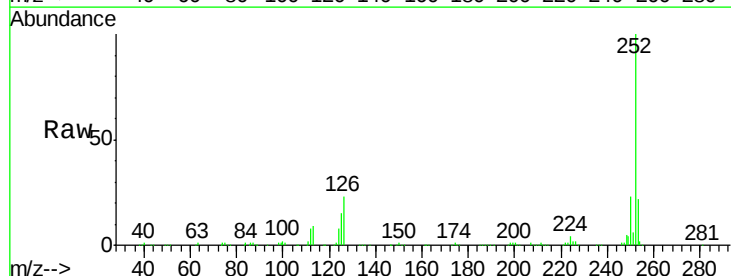
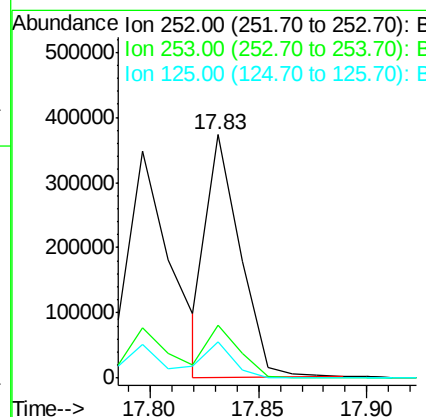
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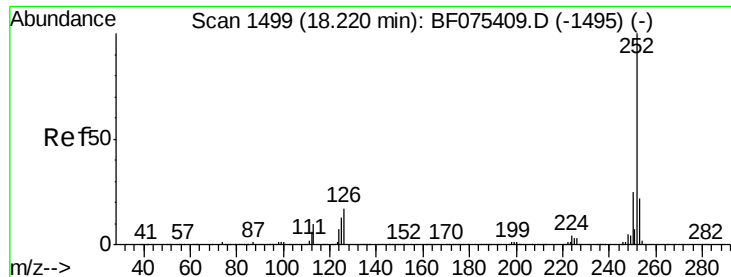
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#88  
Benzo(k)fluoranthene  
Concen: 41.75 ng  
RT: 17.83 min Scan# 1465  
Delta R.T. 0.03 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.1  | 27.1  |
| 125     | 14.8  | 11.6  | 17.4  |





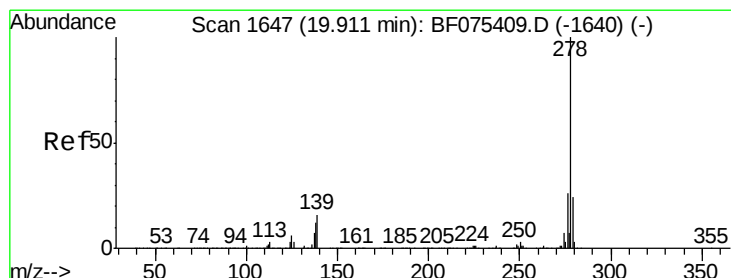
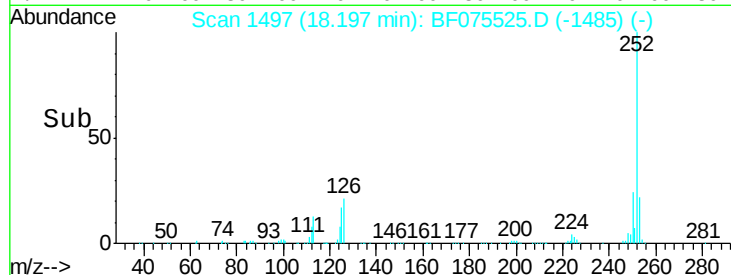
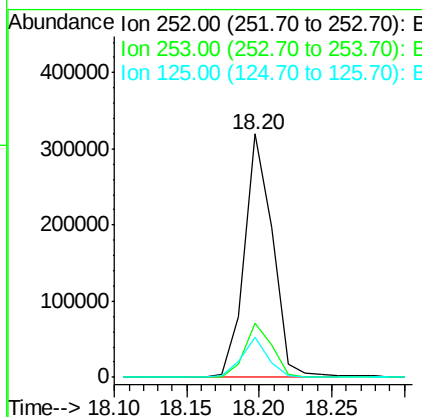
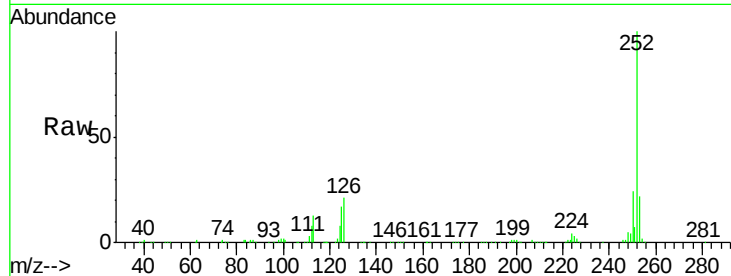
#89  
Benzo(a)pyrene  
Concen: 45.91 ng  
RT: 18.20 min Scan# 1497  
Delta R.T. 0.03 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.1  | 25.7  |
| 125     | 16.6  | 12.2  | 18.4  |

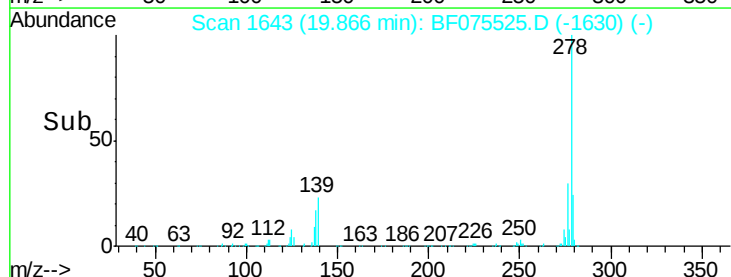
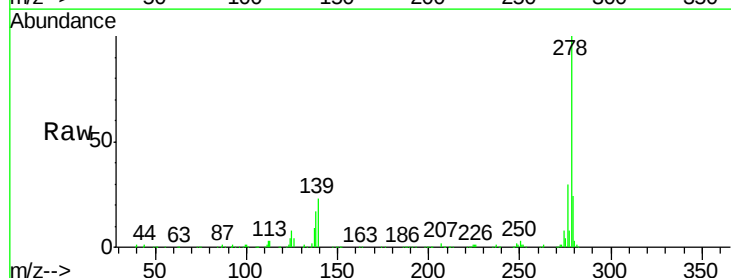
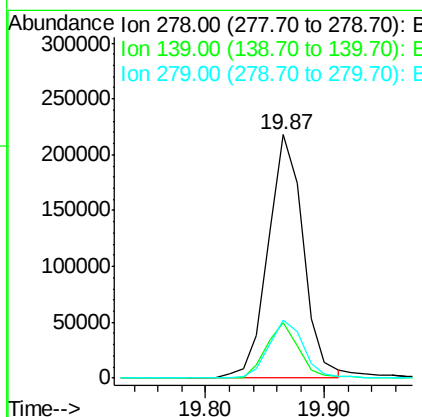
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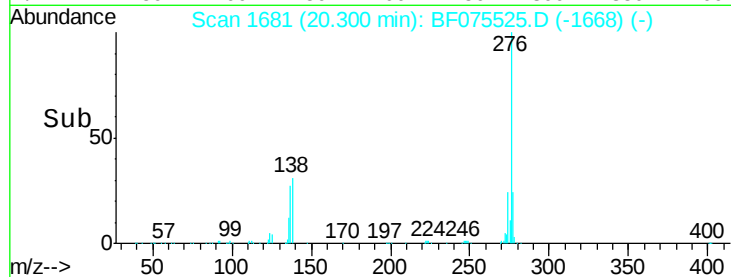
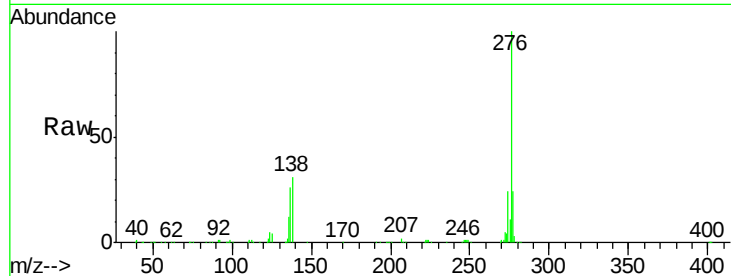
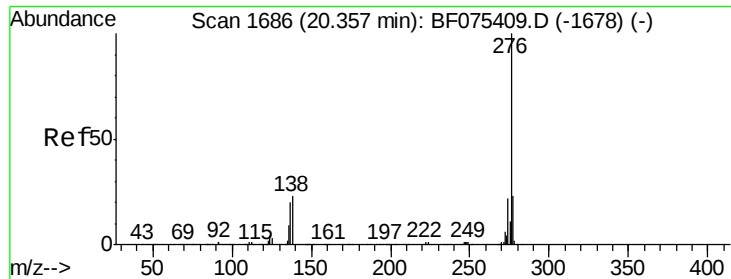
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.67 ng  
RT: 19.87 min Scan# 1643  
Delta R.T. 0.05 min  
Lab File: BF075525.D  
Acq: 15 Nov 2014 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.8  | 13.6  | 20.4# |
| 279     | 23.8  | 19.4  | 29.0  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 46.69 ng  
 RT: 20.30 min Scan# 1681  
 Delta R.T. 0.05 min  
 Lab File: BF075525.D  
 Acq: 15 Nov 2014 7:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB80209BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 17.8  | 26.8  |
| 138     | 30.9  | 22.8  | 34.2  |

Manual Integrations  
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