

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\  
 Data File : BF079384.D  
 Acq On : 20 May 2015 18:03  
 Operator : TP/IZ  
 Sample : G2305-01MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

Manual Integrations  
 APPROVED

apatel  
 5/21/2015 4:27:44 PM

Quant Time: May 21 01:35:47 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 00:52:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.08  | 152  | 69294    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.66  | 136  | 281308   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.83 | 164  | 137794   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.67 | 188  | 262309   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.97 | 240  | 273470   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.73 | 264  | 278816   | 20.00 | ng    | -0.09    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 476240m | 118.30 | ng | 0.00  |
| 7) Phenol-d6             | 6.66  | 99  | 590976  | 111.06 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.78  | 82  | 338636  | 69.18  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 11.82 | 330 | 175385  | 117.65 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 10.01 | 172 | 649741  | 65.69  | ng | 0.00  |
| 78) Terphenyl-d14        | 14.66 | 244 | 766546  | 67.11  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.95 | 88  | 63504m  | 36.28 | ng |        |
| 3) Pyridine                    | 2.64 | 79  | 153784m | 30.02 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.56 | 42  | 70554m  | 32.15 | ng |        |
| 6) Aniline                     | 6.67 | 93  | 149594m | 19.92 | ng |        |
| 8) 2-Chlorophenol              | 6.82 | 128 | 173998  | 38.11 | ng | 86     |
| 9) Benzaldehyde                | 6.54 | 77  | 29525   | 8.24  | ng | 98     |
| 10) Phenol                     | 6.68 | 94  | 214016  | 34.67 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.79 | 93  | 156651  | 34.62 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.00 | 146 | 172398  | 33.59 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 7.11 | 146 | 181253  | 34.32 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.29 | 146 | 174446  | 35.48 | ng | 99     |
| 15) Benzyl Alcohol             | 7.28 | 79  | 138459  | 35.05 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.46 | 45  | 232540  | 33.59 | ng | 93     |
| 17) 2-Methylphenol             | 7.43 | 107 | 134818  | 36.69 | ng | 95     |
| 18) Hexachloroethane           | 7.70 | 117 | 60509   | 33.26 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.61 | 70  | 123796  | 34.45 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.62 | 107 | 177086  | 36.17 | ng | # 46   |
| 22) Acetophenone               | 7.60 | 105 | 237695  | 37.40 | ng | # 89   |
| 24) Nitrobenzene               | 7.80 | 77  | 170456  | 35.13 | ng | 92     |
| 25) Isophorone                 | 8.11 | 82  | 321529  | 35.43 | ng | 99     |
| 26) 2-Nitrophenol              | 8.20 | 139 | 82968   | 41.32 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 8.27 | 122 | 150187  | 37.37 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 8.39 | 93  | 198063  | 35.41 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.50 | 162 | 144125  | 40.34 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.60 | 180 | 140229  | 35.73 | ng | 95     |
| 31) Naphthalene                | 8.70 | 128 | 492735  | 36.76 | ng | 99     |
| 32) Benzoic acid               | 8.36 | 122 | 19835   | 13.16 | ng | 98     |
| 33) 4-Chloroaniline            | 8.78 | 127 | 126586  | 22.32 | ng | # 88   |
| 34) Hexachlorobutadiene        | 8.84 | 225 | 77968   | 34.49 | ng | 99     |
| 35) Caprolactam                | 9.20 | 113 | 41997m  | 36.35 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 9.38 | 107 | 143941  | 38.35 | ng | 86     |
| 37) 2-Methylnaphthalene        | 9.55 | 142 | 347701  | 37.43 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.76 | 216 | 136646  | 35.21 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.74 | 237 | 92903   | 47.61 | ng | 93     |

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 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

Manual Integrations  
 APPROVED

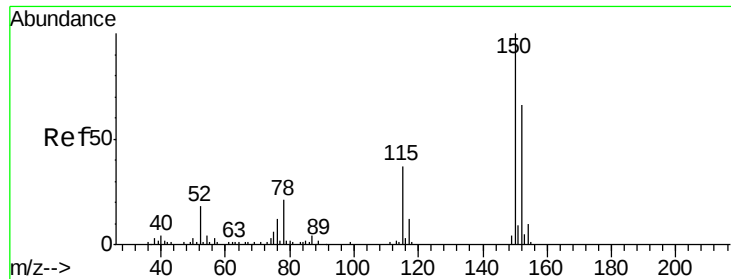
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 5/21/2015 4:27:44 PM

Quant Time: May 21 01:35:47 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.91  | 196  | 93828    | 35.17 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.95  | 196  | 100748   | 37.35 | nq #  | 94       |
| 45) 1,1'-Biphenyl              | 10.14 | 154  | 399349   | 36.46 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 10.15 | 162  | 303246   | 35.49 | nq    | 96       |
| 47) 2-Nitroaniline             | 10.28 | 65   | 93568    | 37.79 | nq #  | 85       |
| 48) Acenaphthylene             | 10.66 | 152  | 507784   | 36.19 | nq    | 98       |
| 49) Dimethylphthalate          | 10.52 | 163  | 431083   | 42.63 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.59 | 165  | 74421    | 37.29 | nq #  | 48       |
| 51) Acenaphthene               | 10.88 | 154  | 282614   | 33.78 | nq    | 100      |
| 52) 3-Nitroaniline             | 10.80 | 138  | 76818    | 30.81 | nq    | 85       |
| 53) 2,4-Dinitrophenol          | 10.94 | 184  | 26710    | 45.24 | nq #  | 78       |
| 54) Dibenzofuran               | 11.08 | 168  | 436172   | 36.09 | nq    | 96       |
| 55) 4-Nitrophenol              | 11.03 | 139  | 127169   | 64.45 | nq #  | 67       |
| 56) 2,4-Dinitrotoluene         | 11.10 | 165  | 103541   | 39.24 | nq    | 98       |
| 57) Fluorene                   | 11.52 | 166  | 357811   | 36.07 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.24 | 232  | 79081    | 35.88 | nq    | 100      |
| 59) Diethylphthalate           | 11.40 | 149  | 353353   | 35.27 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 11.53 | 204  | 158108   | 35.93 | nq #  | 84       |
| 61) 4-Nitroaniline             | 11.55 | 138  | 91703    | 36.77 | nq    | 92       |
| 62) Azobenzene                 | 11.73 | 77   | 349186   | 35.37 | nq    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 11.60 | 198  | 35012    | 35.77 | nq    | 80       |
| 65) n-Nitrosodiphenylamine     | 11.68 | 169  | 301114   | 34.47 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.13 | 248  | 95500    | 34.93 | nq    | 95       |
| 67) Hexachlorobenzene          | 12.18 | 284  | 106678   | 34.14 | nq    | 99       |
| 68) Atrazine                   | 12.35 | 200  | 97834    | 38.51 | nq    | 94       |
| 69) Pentachlorophenol          | 12.45 | 266  | 100643   | 57.18 | nq    | 97       |
| 70) Phenanthrene               | 12.70 | 178  | 506620   | 34.52 | nq    | 99       |
| 71) Anthracene                 | 12.77 | 178  | 528959   | 36.74 | nq    | 99       |
| 72) Carbazole                  | 12.97 | 167  | 510727   | 37.22 | nq    | 98       |
| 73) Di-n-butylphthalate        | 13.43 | 149  | 585744   | 35.60 | nq    | 98       |
| 74) Fluoranthene               | 14.17 | 202  | 554378   | 36.25 | nq    | 99       |
| 76) Benzidine                  | 14.37 | 184  | 202654   | 27.50 | nq    | 95       |
| 77) Pyrene                     | 14.46 | 202  | 587232   | 37.26 | nq    | 99       |
| 79) Butylbenzylphthalate       | 15.29 | 149  | 267950   | 38.90 | nq    | 94       |
| 80) Benzo(a)anthracene         | 15.95 | 228  | 556205   | 37.14 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.93 | 252  | 163135   | 30.58 | nq #  | 99       |
| 82) Chrysene                   | 15.99 | 228  | 494694   | 34.35 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.01 | 149  | 391184   | 37.49 | nq #  | 97       |
| 84) Di-n-octyl phthalate       | 16.82 | 149  | 662276   | 36.04 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.09 | 276  | 675583   | 36.81 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 17.27 | 252  | 655799   | 42.97 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 17.30 | 252  | 438095m  | 29.65 | nq    |          |
| 89) Benzo(a)pyrene             | 17.66 | 252  | 541170   | 38.51 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.11 | 278  | 547659   | 36.67 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 19.49 | 276  | 562054   | 37.55 | nq #  | 96       |

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





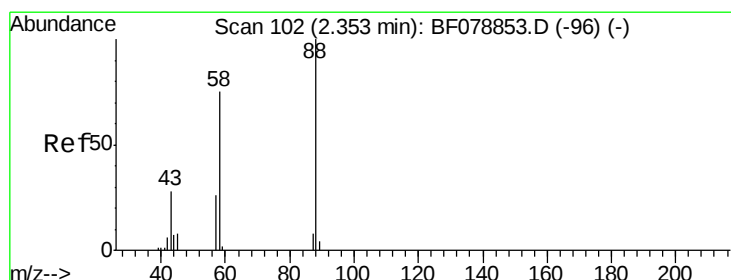
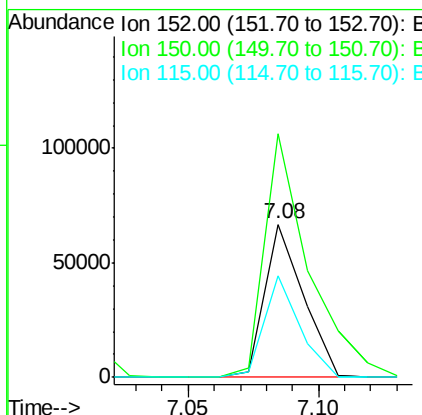
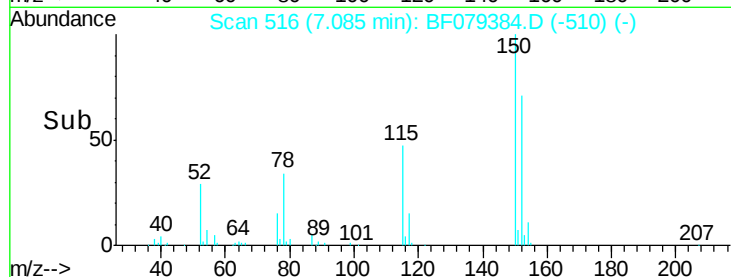
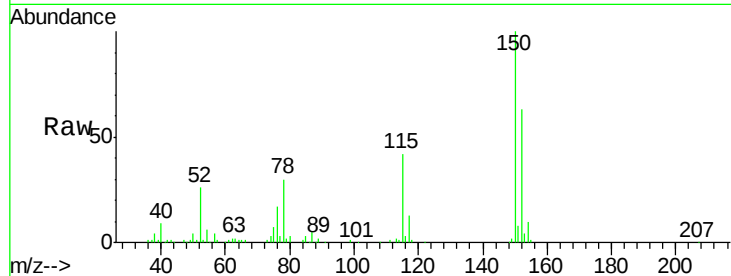
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 Concen: 20.00 ng  
 RT: 7.08 min Scan# 516  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
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 KM-SP-001-150518MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 69294 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 159.0 | 123.8 | 185.8 |
| 115       | 66.3  | 49.4  | 74.0  |

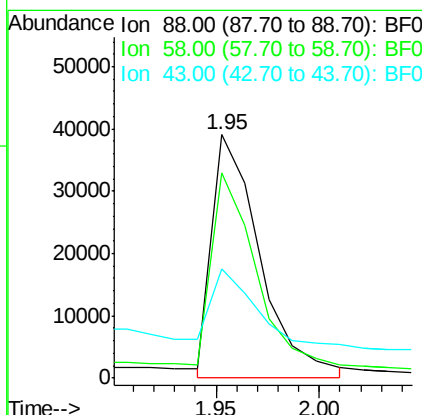
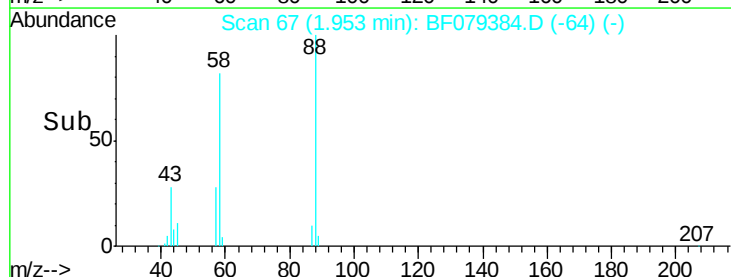
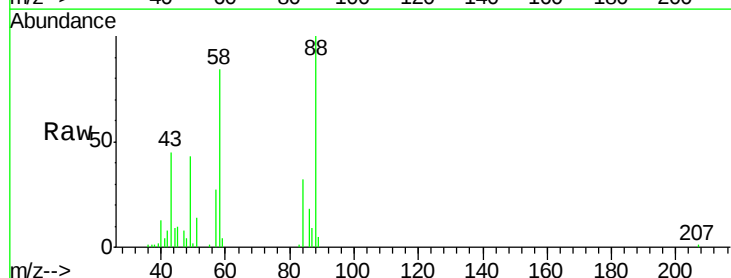
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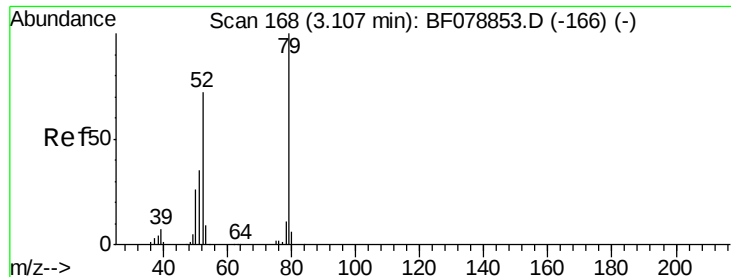
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#2  
 1,4-Dioxane  
 Concen: 36.28 ng m  
 RT: 1.95 min Scan# 67  
 Delta R.T. 0.01 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 63504 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 0.0   | 63.5  | 95.3# |
| 43        | 0.0   | 24.6  | 37.0# |





#3

Pvridine

Concen: 30.02 ng m

RT: 2.64 min Scan# 127

Delta R.T. 0.02 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

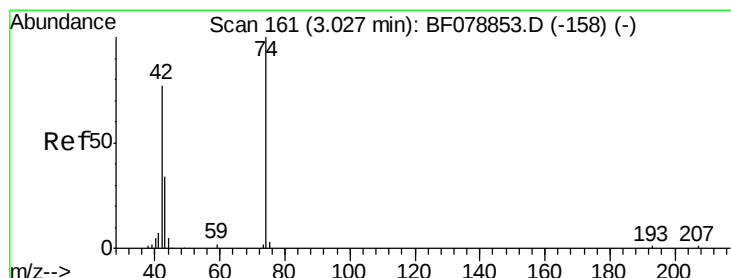
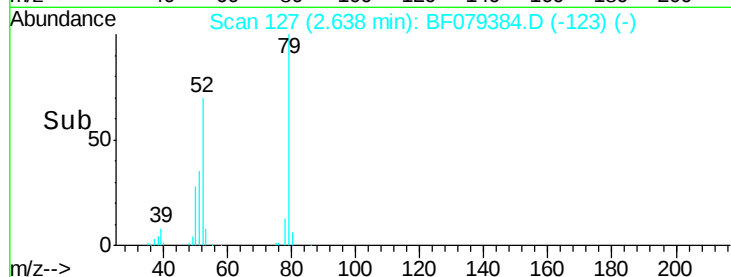
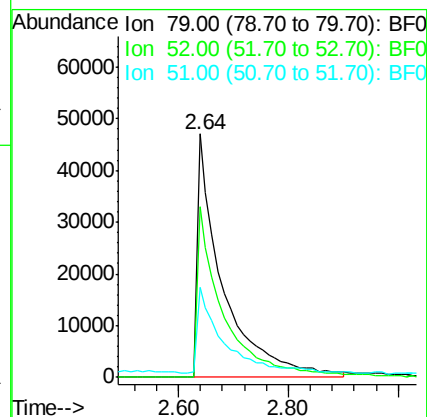
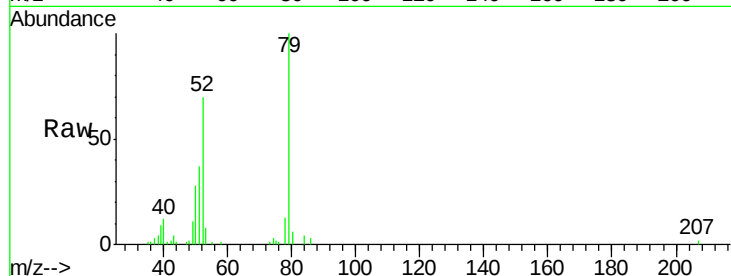
ClientSampleId :

KM-SP-001-150518MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 153784 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 70.0  | 57.6  | 86.4   |
| 51       | 37.2  | 28.7  | 43.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 32.15 ng m

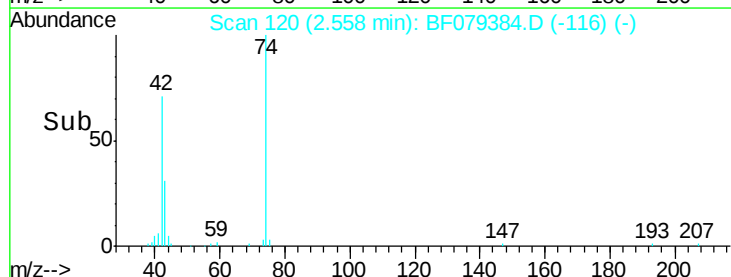
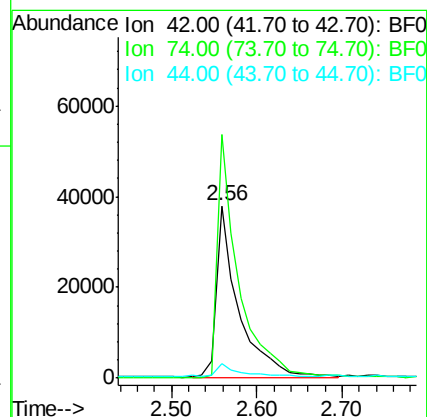
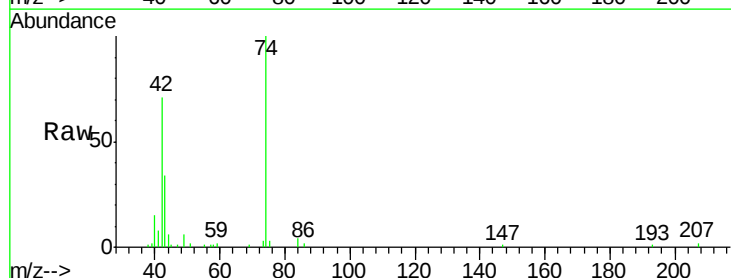
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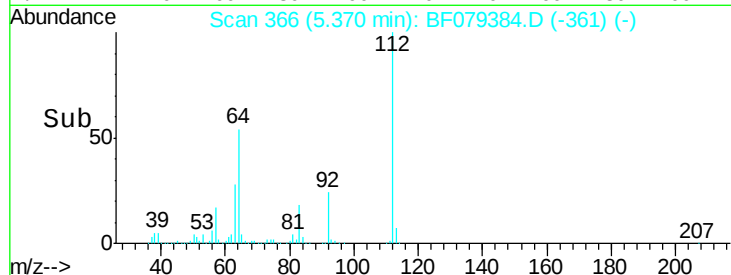
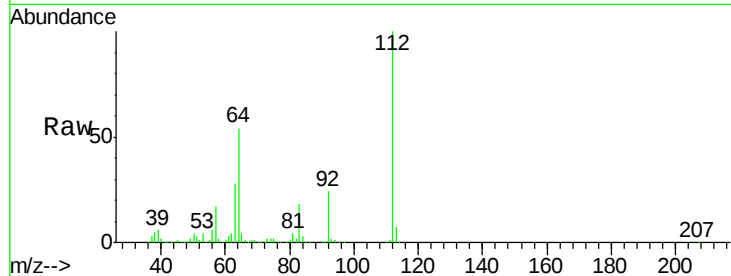
Delta R.T. 0.02 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 70554 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 141.1 | 104.4 | 156.6 |
| 44       | 8.2   | 6.2   | 9.2   |





#5

2-Fluorophenol

Concen: 118.30 ng/mL

RT: 5.37 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 476240 |       |       |
| 64      | 54.2 | 44.2  | 66.2   |       |       |
| 63      | 27.6 | 22.7  | 34.1   |       |       |

Instrument :

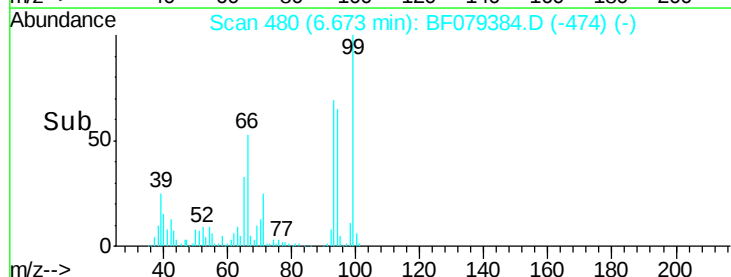
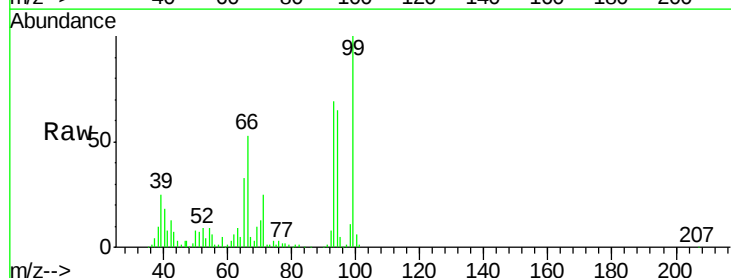
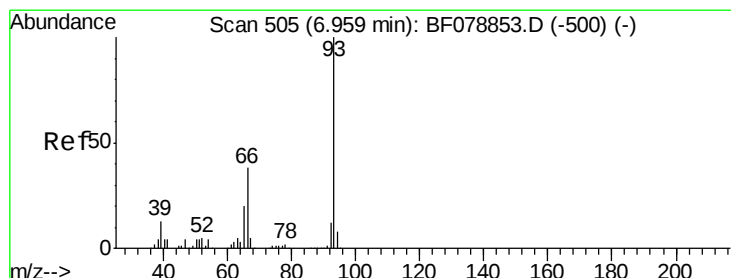
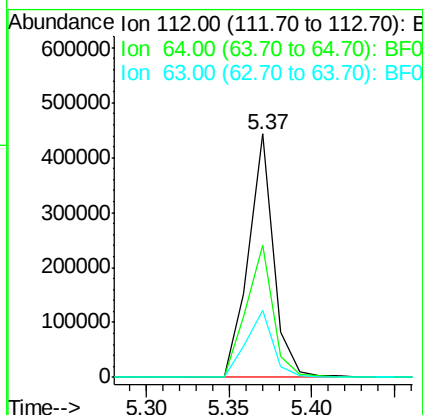
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#6

Aniline

Concen: 19.92 ng/mL

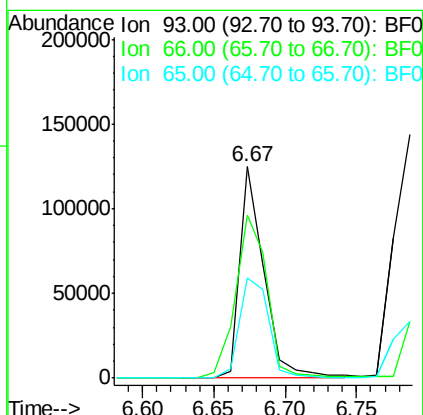
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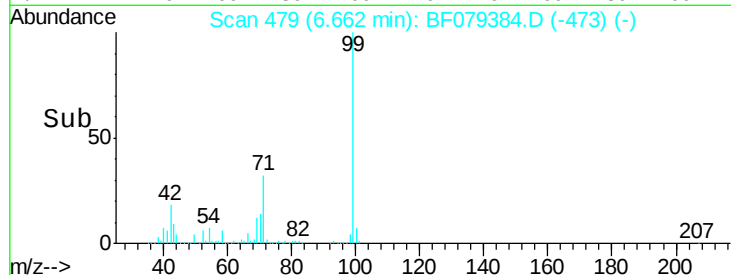
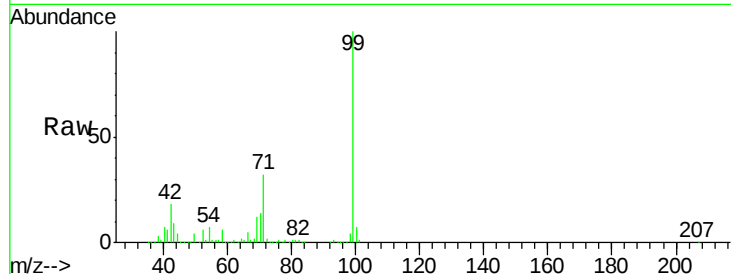
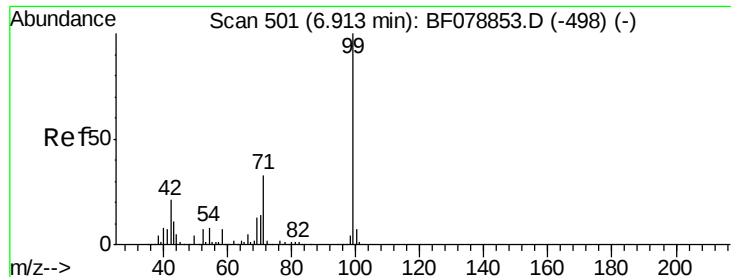
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 149594 |       |       |
| 66      | 77.0 | 30.7  | 46.1#  |       |       |
| 65      | 47.4 | 15.8  | 23.8#  |       |       |





#7

Phenol-d6

Concen: 111.06 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 590976 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.1  | 17.1  | 25.7   |
| 71        | 31.6  | 26.3  | 39.5   |

Instrument :

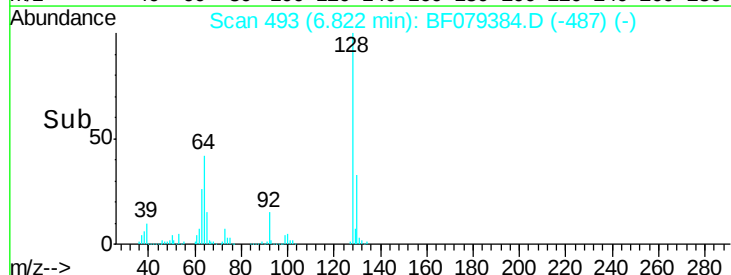
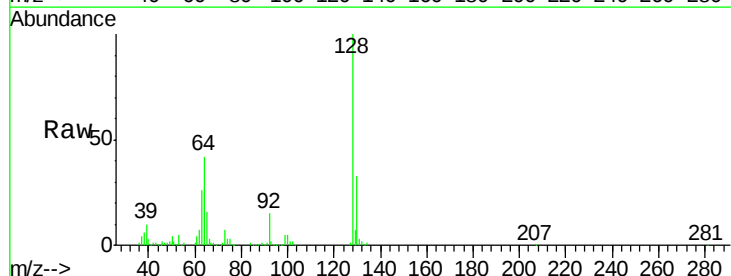
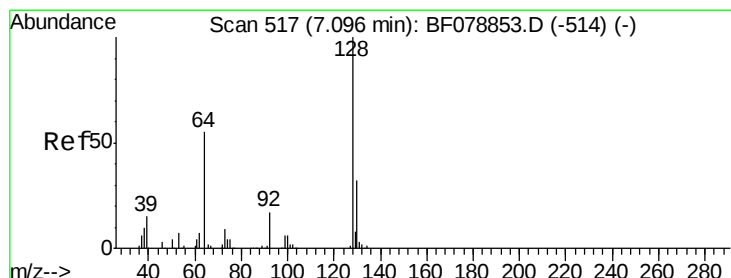
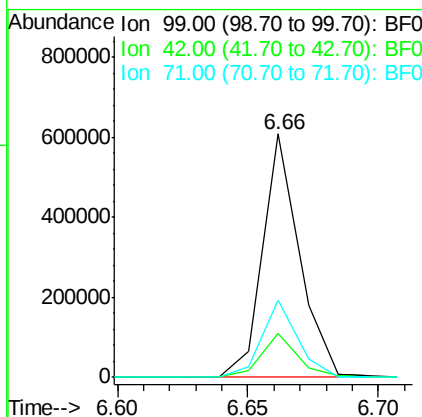
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ClientSampleId :

KM-SP-001-150518MS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 38.11 ng

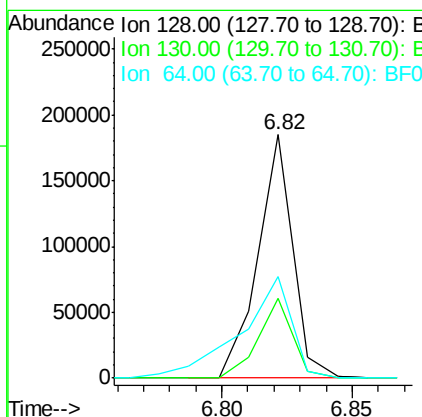
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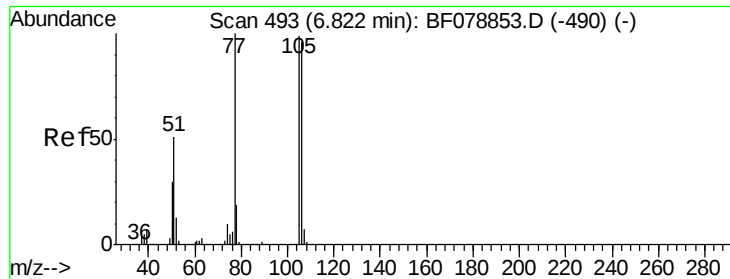
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Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 173998 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.6  | 12.4  | 52.4   |
| 64        | 41.7  | 37.8  | 77.8   |





#9

Benzaldehyde

Concen: 8.24 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

ClientSampleId :

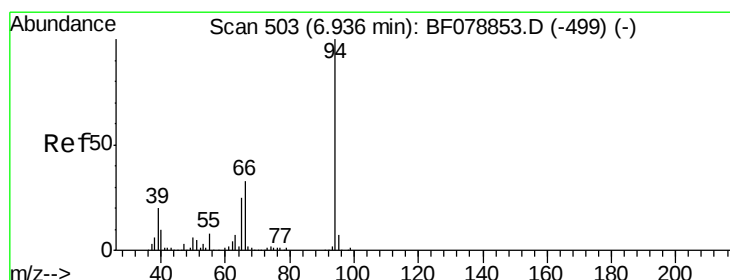
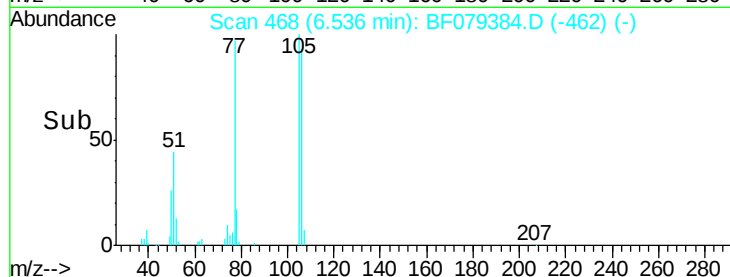
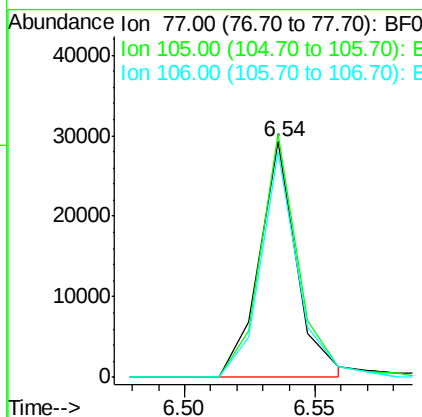
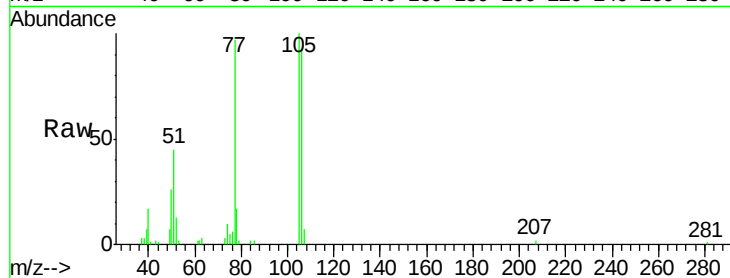
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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 29525 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 103.3 | 78.9  | 118.9 |
| 106      | 95.9  | 75.8  | 115.8 |



#10

Phenol

Concen: 34.67 ng

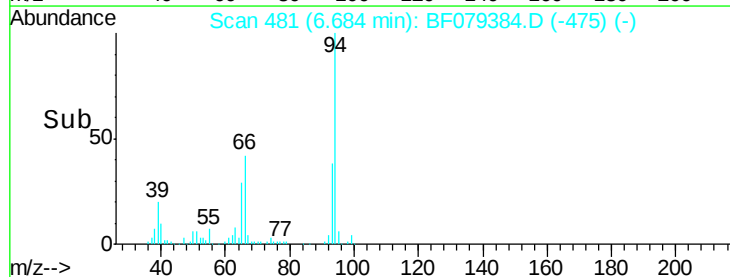
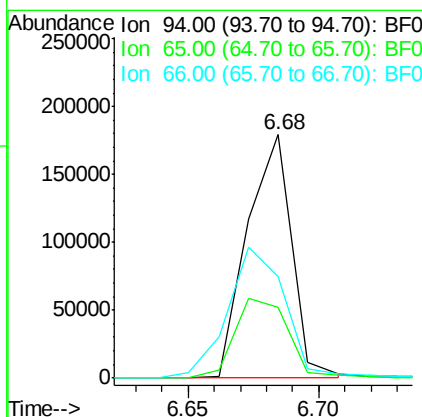
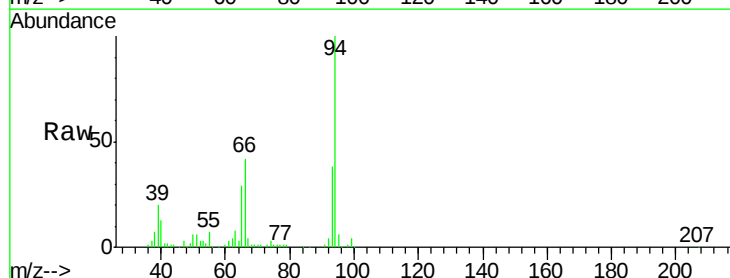
RT: 6.68 min Scan# 481

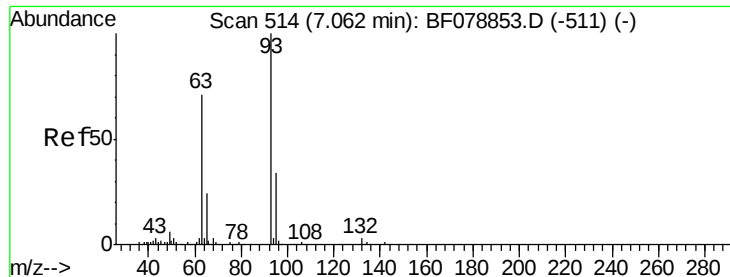
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 214016 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.2  | 5.1   | 45.1   |
| 66       | 41.6  | 13.1  | 53.1   |





#11

bis(2-Chloroethyl)ether

Concen: 34.62 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

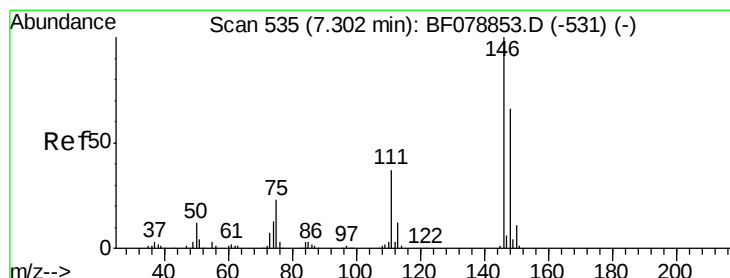
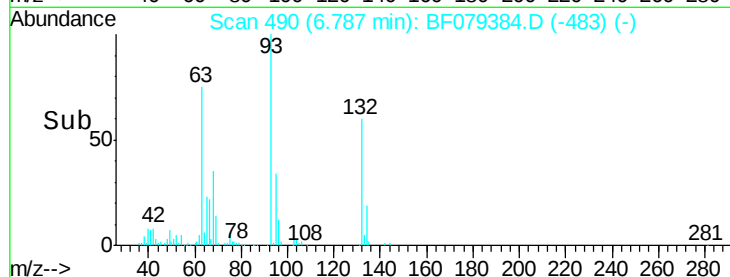
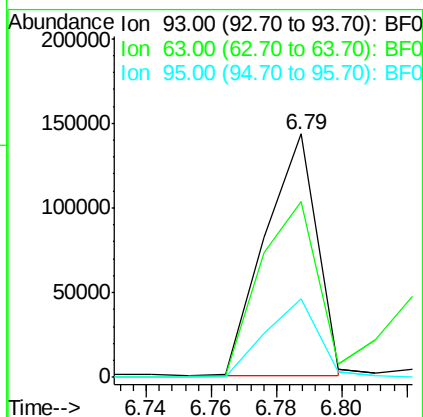
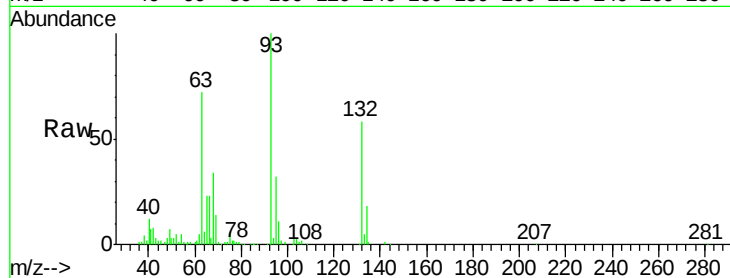
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 156651 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.4  | 50.8  | 90.8   |
| 95        | 32.4  | 13.9  | 53.9   |

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#12

1,3-Dichlorobenzene

Concen: 33.59 ng

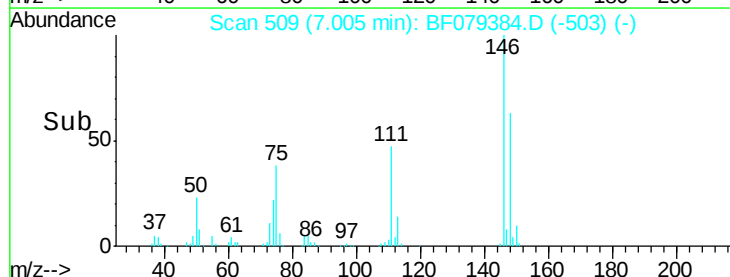
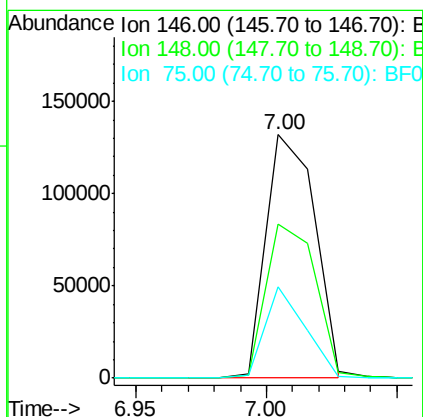
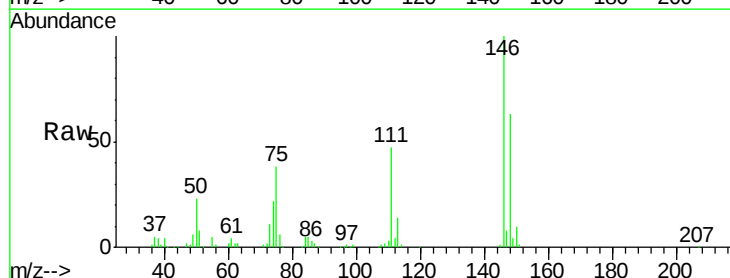
RT: 7.00 min Scan# 509

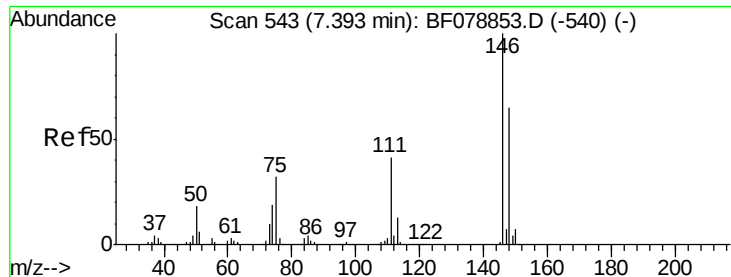
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 172398 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 52.4  | 78.6   |
| 75        | 37.7  | 18.6  | 27.8#  |





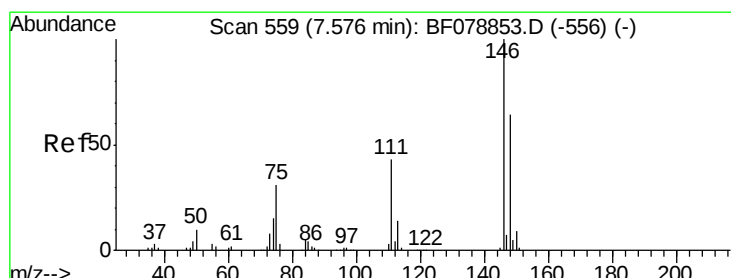
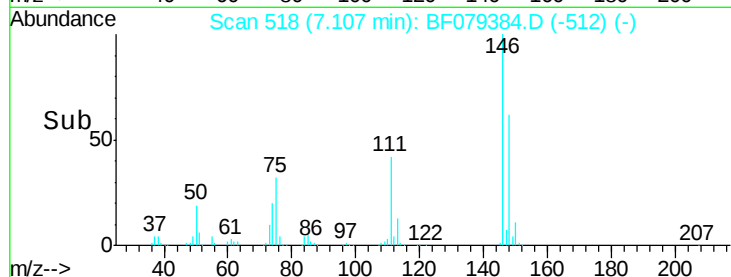
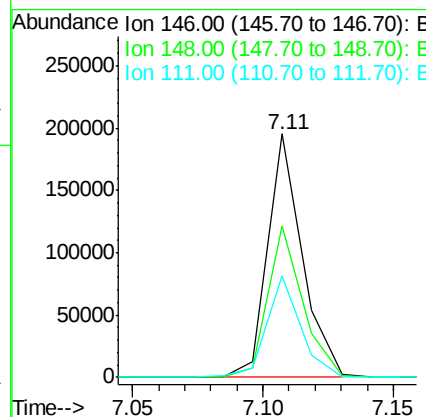
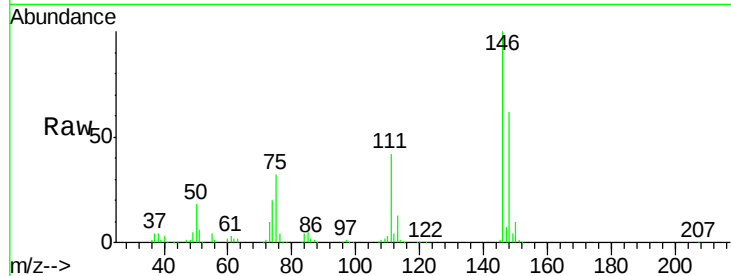
#13  
 1,4-Dichlorobenzene  
 Concen: 34.32 ng  
 RT: 7.11 min Scan# 518  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleID :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 51.7  | 77.5  |
| 111     | 41.9  | 32.8  | 49.2  |

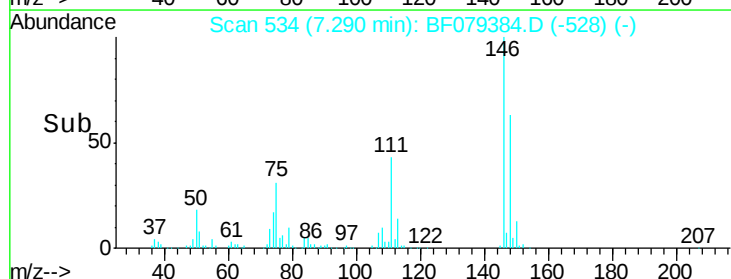
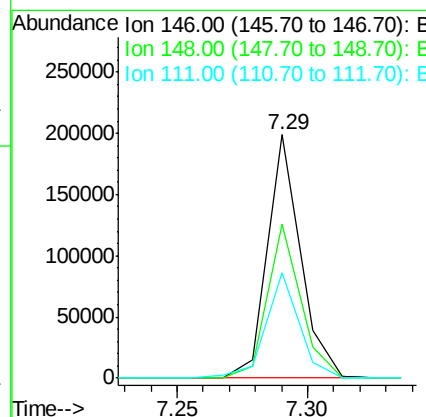
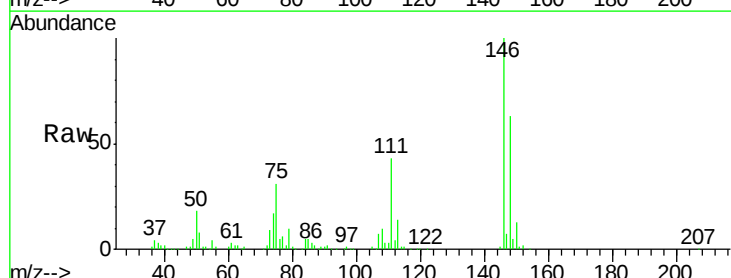
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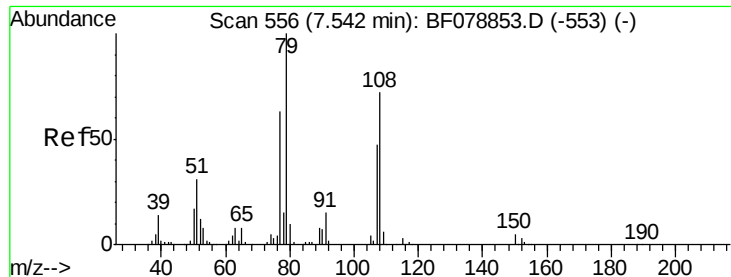
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#14  
 1,2-Dichlorobenzene  
 Concen: 35.48 ng  
 RT: 7.29 min Scan# 534  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.1  | 76.7  |
| 111     | 43.3  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 35.05 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

ClientSampleId :

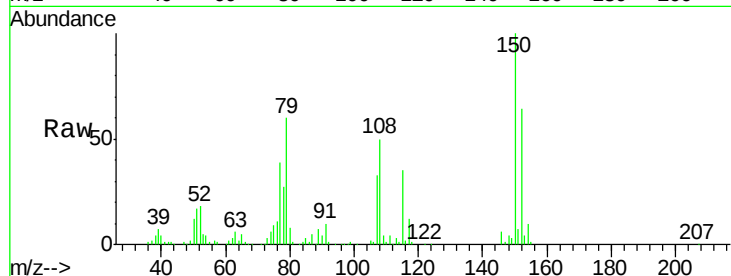
KM-SP-001-150518MS

Manual Integrations  
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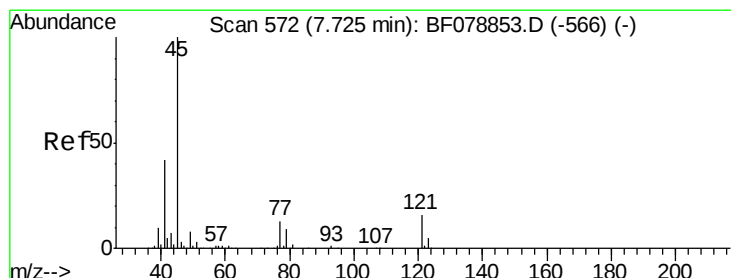
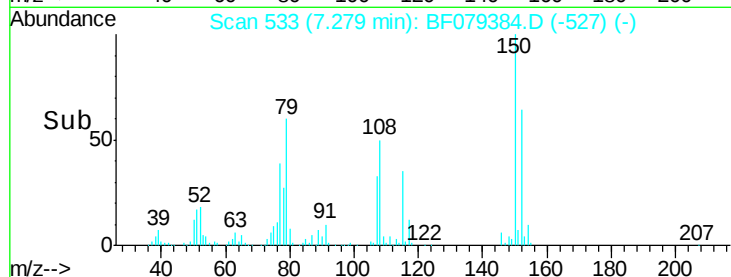
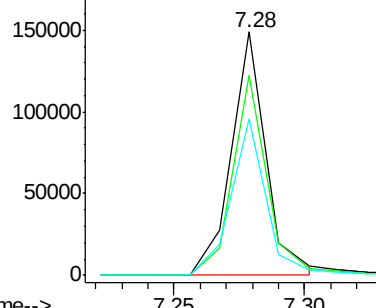
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 138459 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.0  | 57.4  | 86.2   |
| 77        | 64.5  | 50.2  | 75.4   |



Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.59 ng

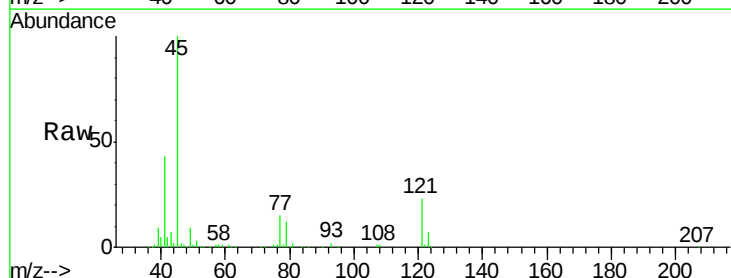
RT: 7.46 min Scan# 549

Delta R.T. -0.00 min

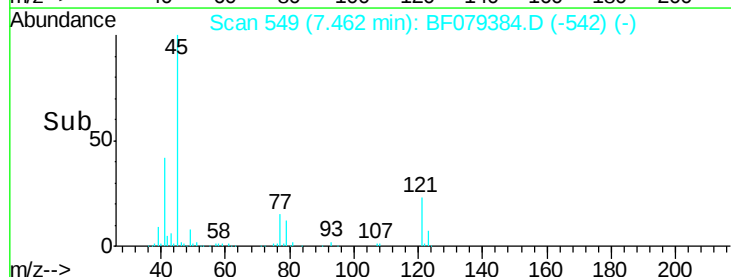
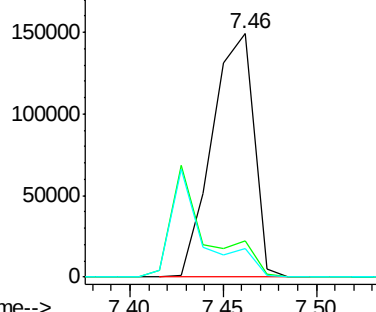
Lab File: BF079384.D

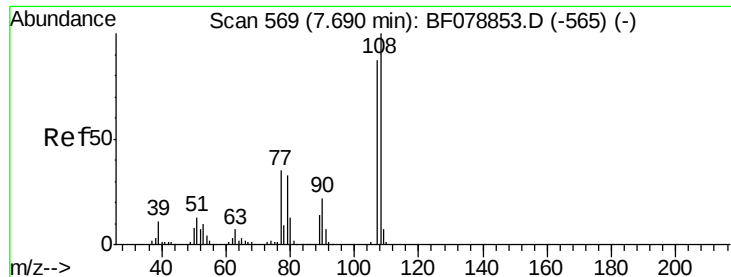
Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 232540 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.0  | 0.0   | 32.6   |
| 79        | 12.0  | 0.0   | 29.3   |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.69 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF079384.D

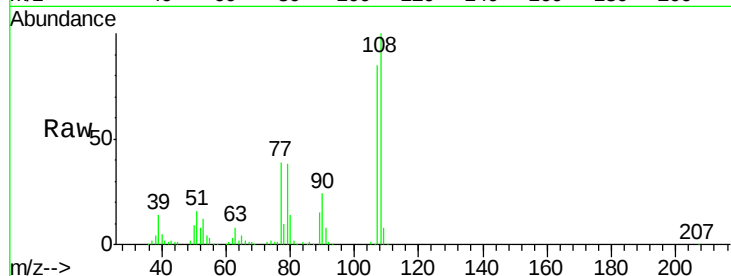
Acq: 20 May 2015 18:03

Instrument :

BNA\_F

ClientSampleId :

KM-SP-001-150518MS



Tot Ion:107 Resp: 134818

Ion Ratio Lower Upper

107 100

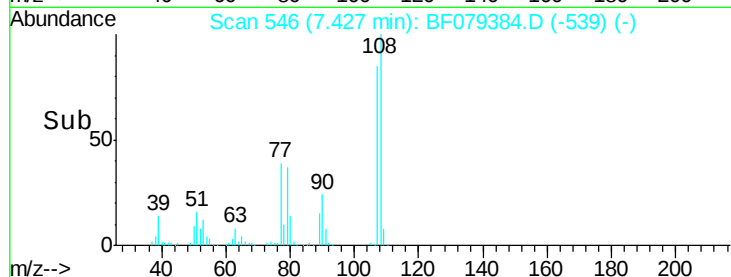
108 118.0 92.4 138.6

77 45.9 32.6 49.0

79 44.8 30.9 46.3

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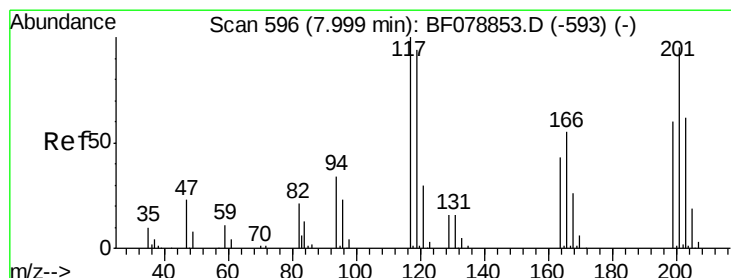
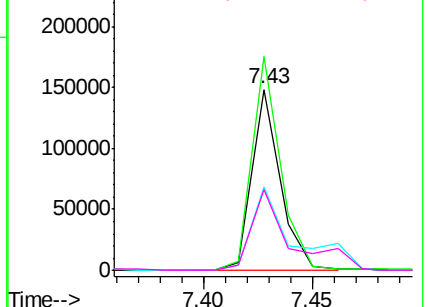


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.26 ng

RT: 7.70 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

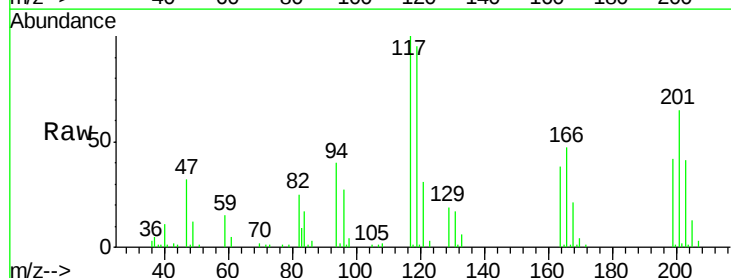
Tgt Ion:117 Resp: 60509

Ion Ratio Lower Upper

117 100

119 94.5 75.2 112.8

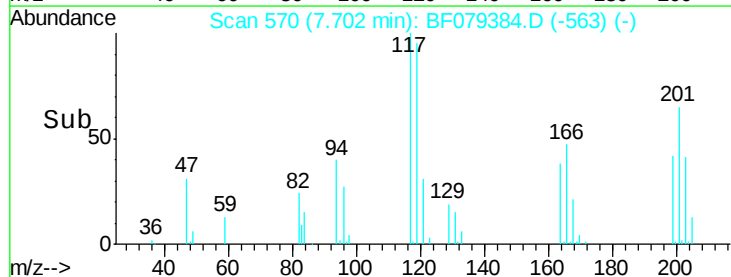
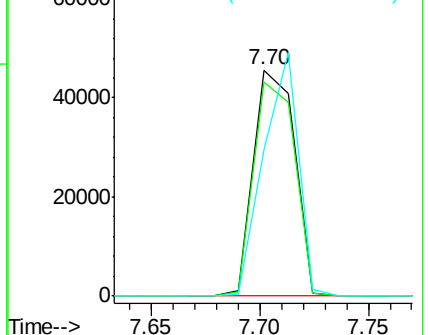
201 65.0 75.8 113.8#

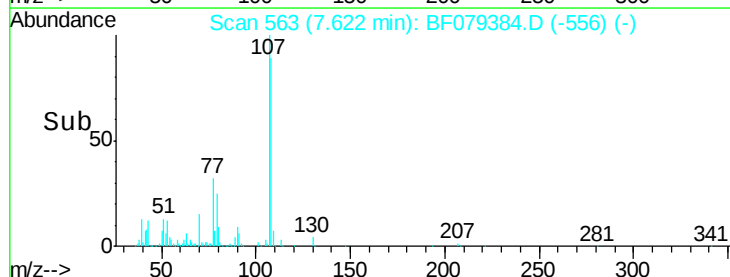
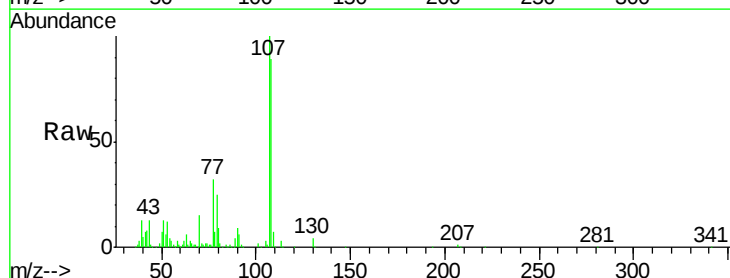
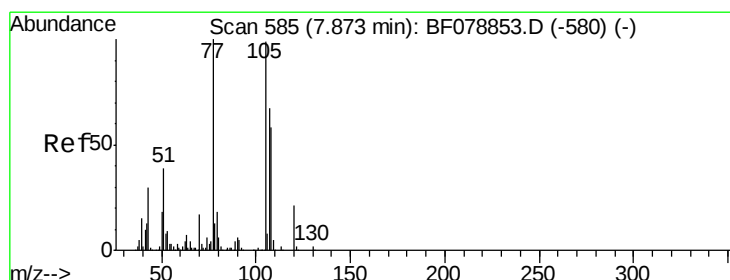
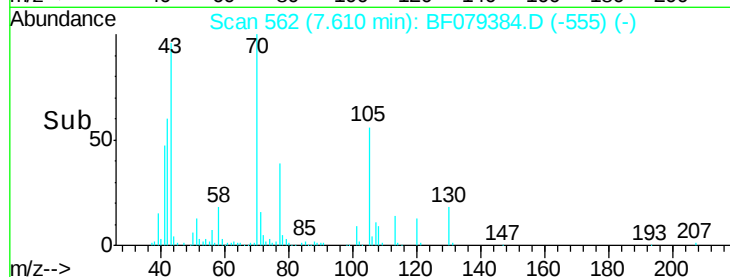
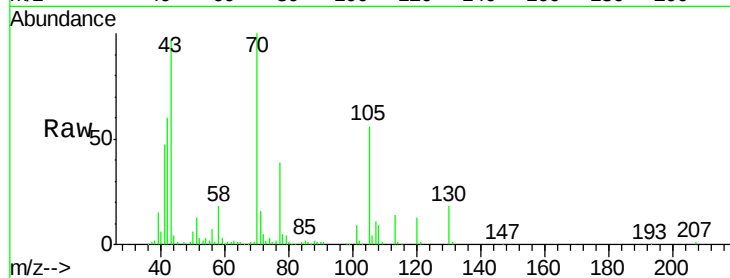
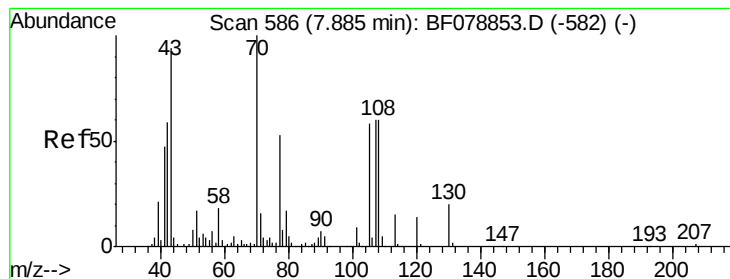


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.45 ng

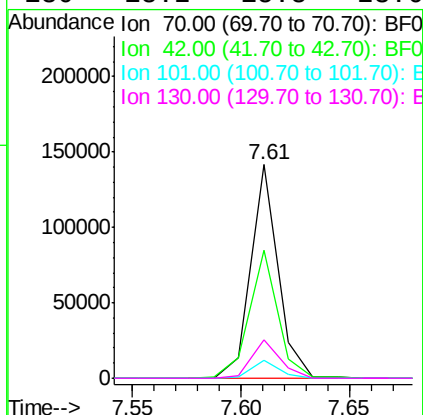
RT: 7.61 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 60.2 | 47.3  | 70.9  |       |
| 101     | 8.7  | 7.5   | 11.3  |       |
| 130     | 18.2 | 15.8  | 23.6  |       |



Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

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#20

3+4-Methylphenols

Concen: 36.17 ng

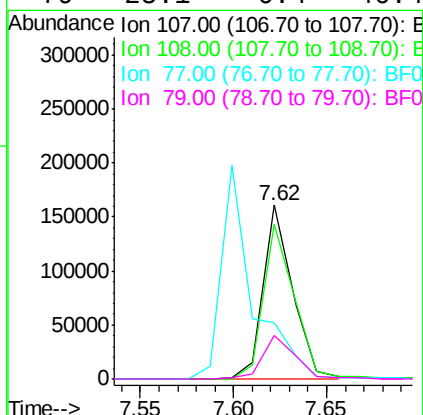
RT: 7.62 min Scan# 563

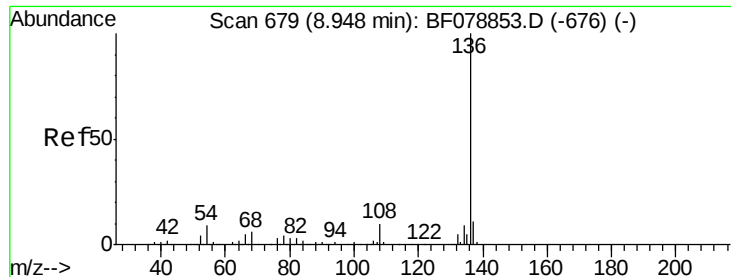
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.1 | 66.5  | 106.5 |       |
| 77      | 32.2 | 130.6 | 170.6 |       |
| 79      | 25.1 | 6.4   | 46.4  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

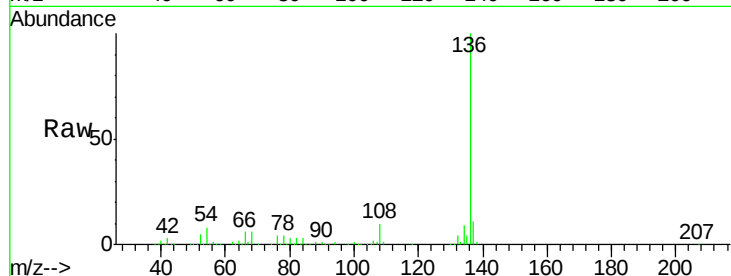
ClientSampleId :

KM-SP-001-150518MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 281308 |       |       |
| 137     | 10.6  |        | 8.8   | 13.2  |
| 54      | 8.3   |        | 6.9   | 10.3  |
| 68      | 5.9   |        | 4.9   | 7.3   |

Manual Integrations  
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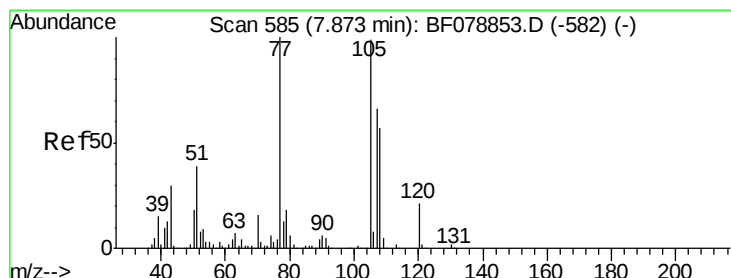
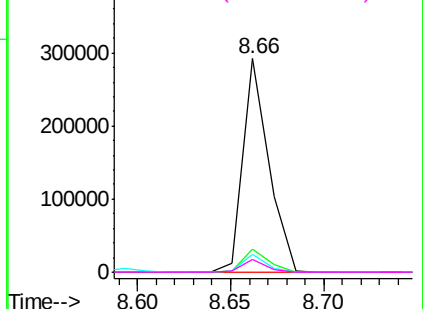
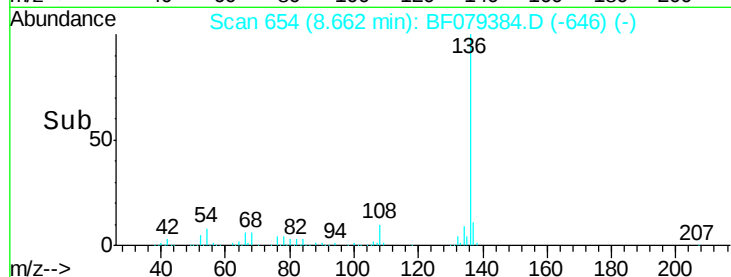


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.40 ng

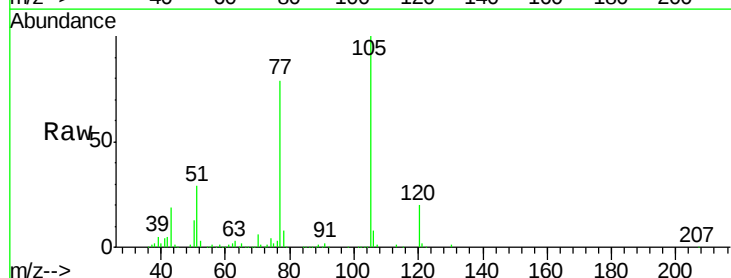
RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 237695 |       |       |
| 71      | 1.1   |        | 2.2   | 3.4#  |
| 51      | 29.0  |        | 31.1  | 46.7# |
| 120     | 20.0  |        | 16.7  | 25.1  |

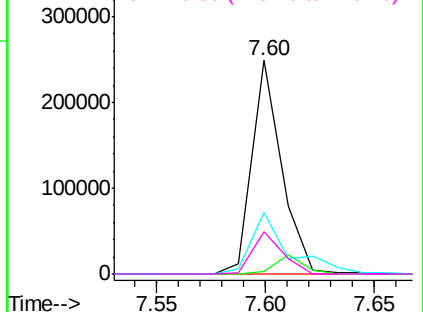
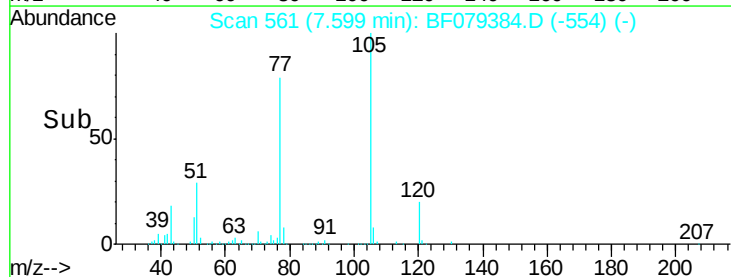


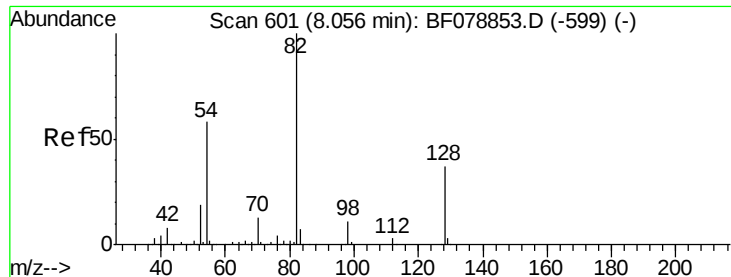
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





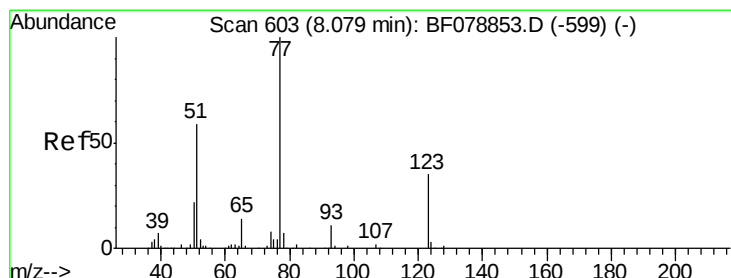
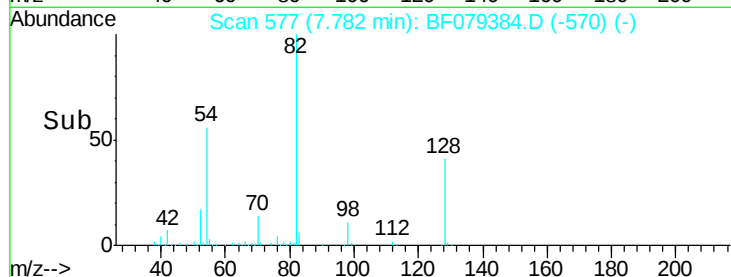
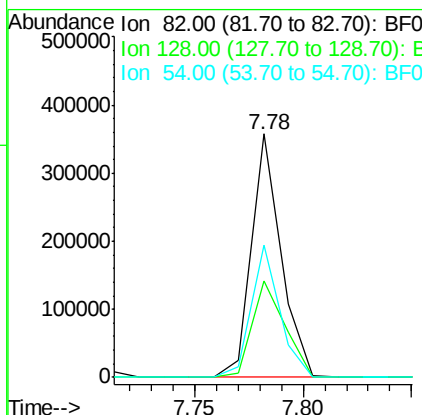
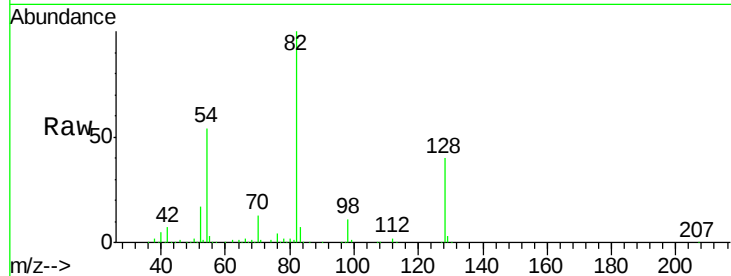
#23  
 Nitrobenzene-d5  
 Concen: 69.18 ng  
 RT: 7.78 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 82      | 100  |       |      |       |       |
| 128     | 39.7 | 29.7  | 44.5 |       |       |
| 54      | 54.4 | 46.2  | 69.4 |       |       |

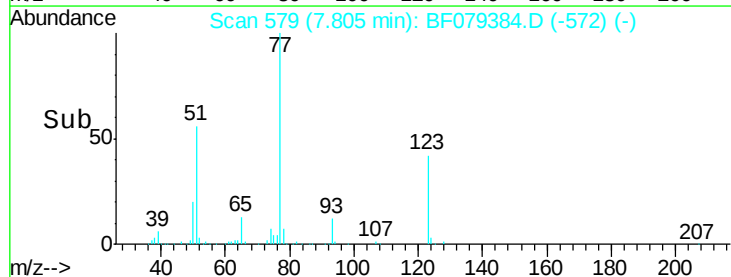
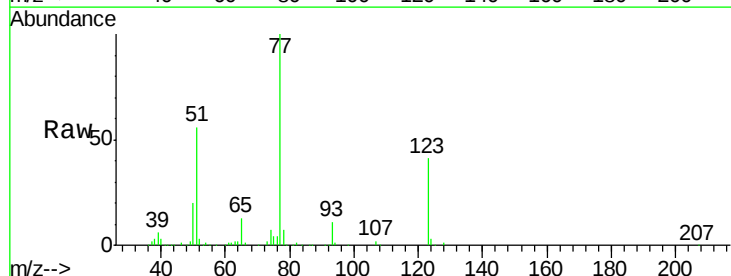
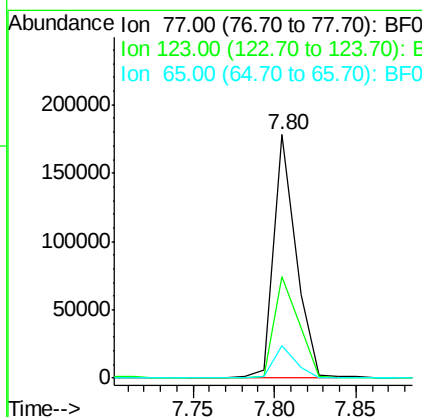
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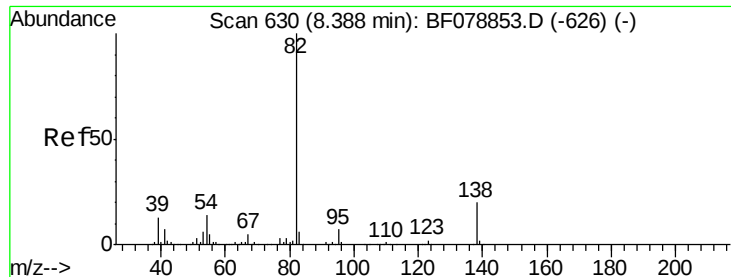
apatel  
 5/21/2015 4:27:44 PM



#24  
 Nitrobenzene  
 Concen: 35.13 ng  
 RT: 7.80 min Scan# 579  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 123     | 41.5 | 28.3  | 42.5 |       |       |
| 65      | 13.3 | 11.0  | 16.4 |       |       |





#25

Isophorone

Concen: 35.43 ng

RT: 8.11 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

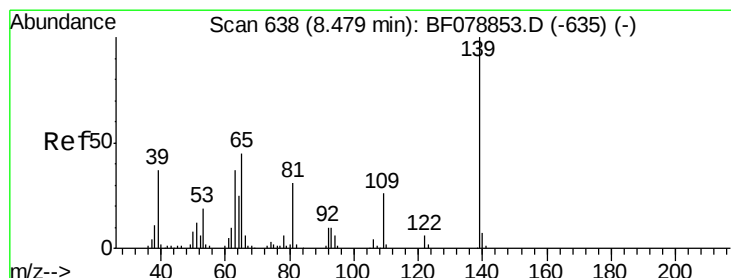
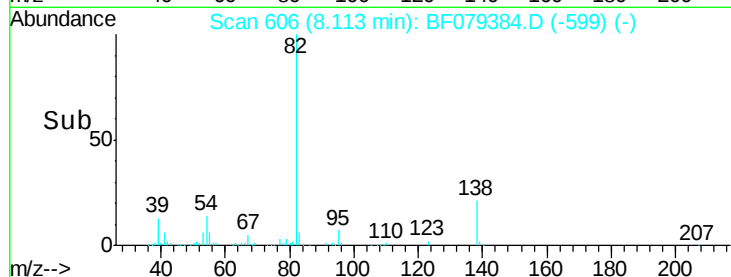
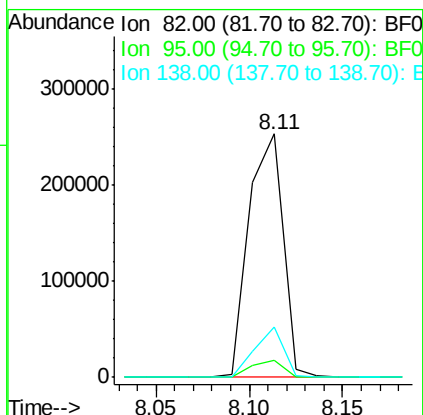
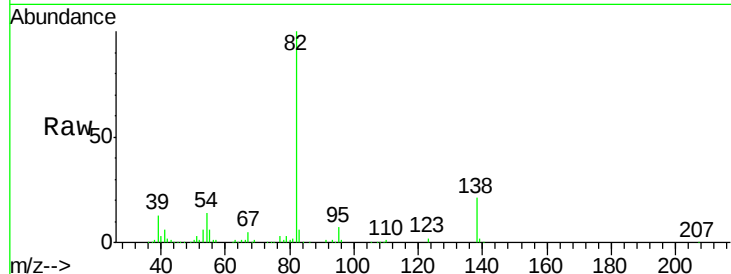
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 321529 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.0   | 5.4   | 8.2    |
| 138       | 20.6  | 16.1  | 24.1   |

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#26

2-Nitrophenol

Concen: 41.32 ng

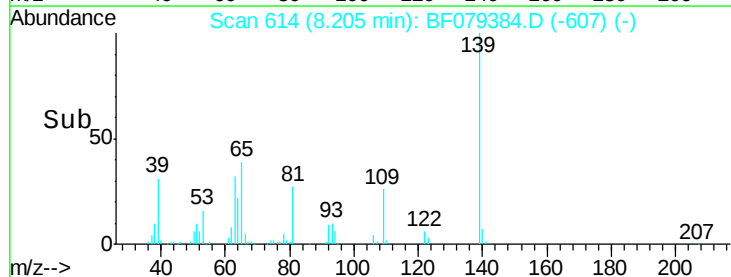
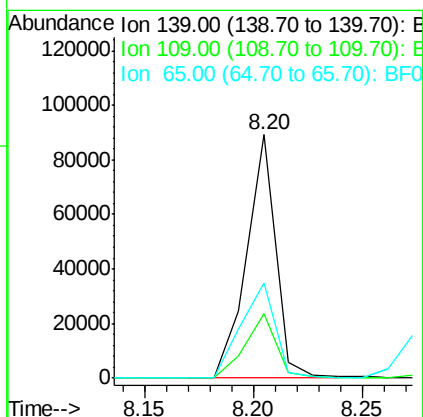
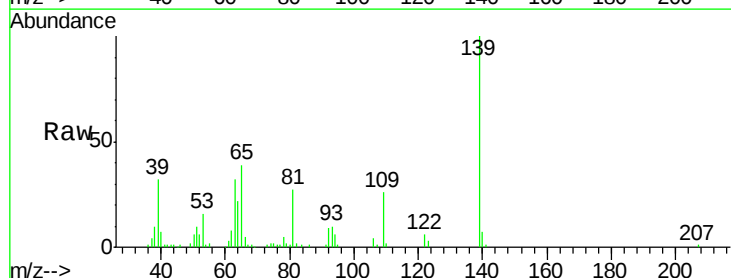
RT: 8.20 min Scan# 614

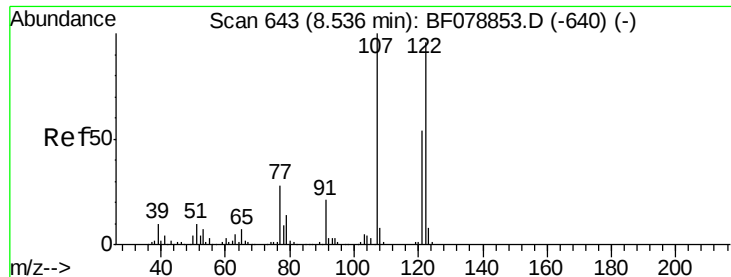
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 82968 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.3  | 20.9  | 31.3  |
| 65        | 38.9  | 35.8  | 53.8  |





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

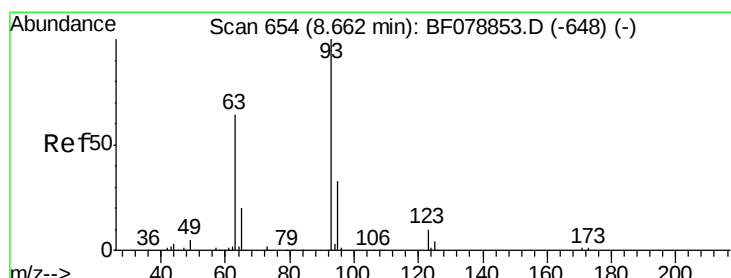
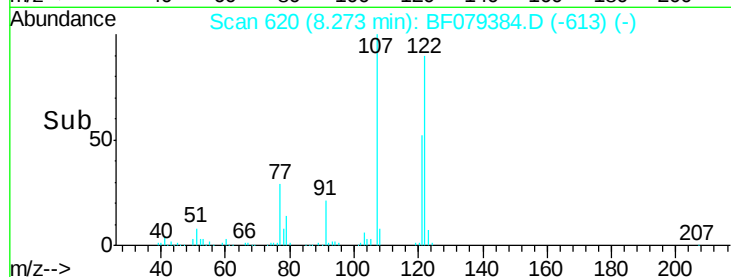
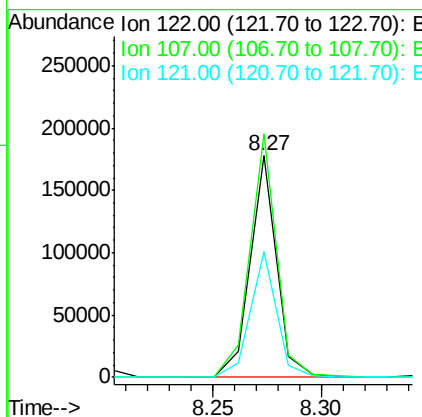
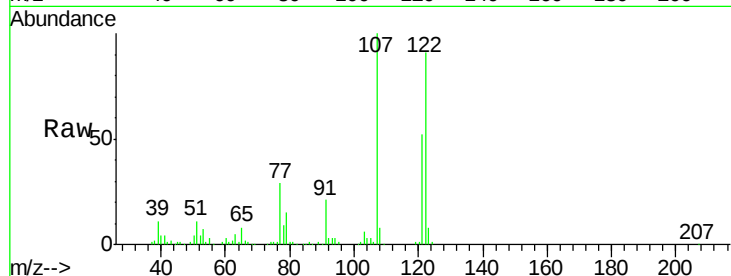
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 150187 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.0 | 83.6  | 125.4  |
| 121       | 56.8  | 44.9  | 67.3   |

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#28

bis(2-Chloroethoxy)methane

Concen: 35.41 ng

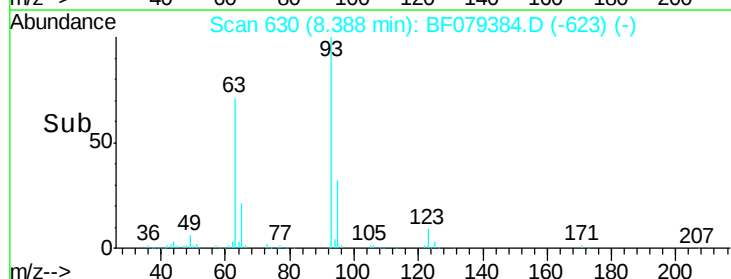
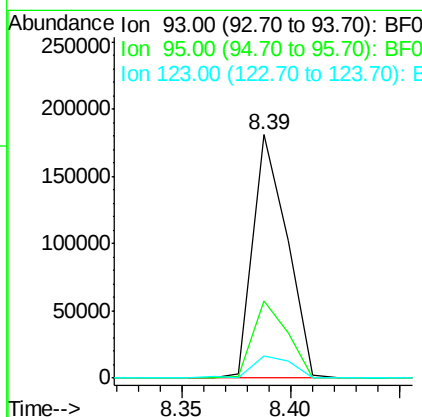
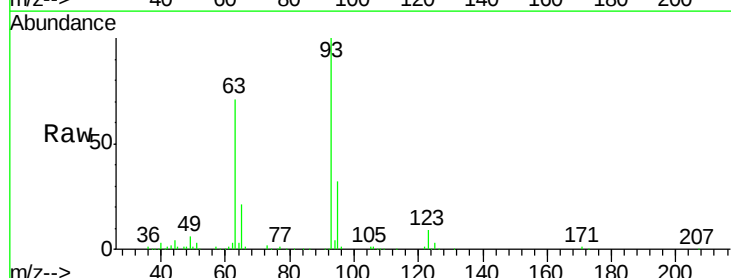
RT: 8.39 min Scan# 630

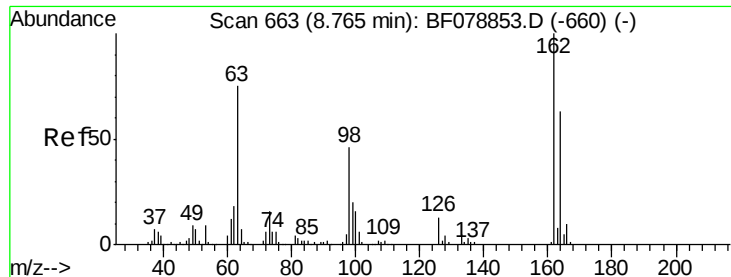
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 198063 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 31.6  | 26.2  | 39.2   |
| 123       | 9.1   | 8.6   | 12.8   |





#29

2,4-Dichlorophenol

Concen: 40.34 ng

RT: 8.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

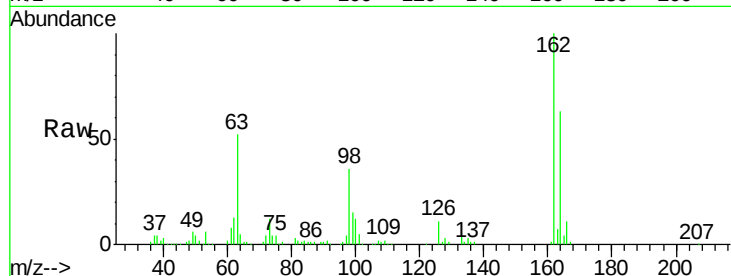
ClientSampleId :

KM-SP-001-150518MS

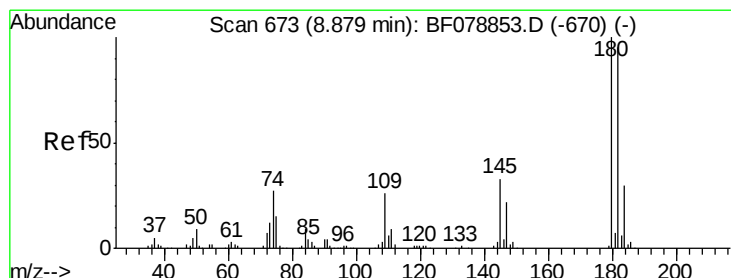
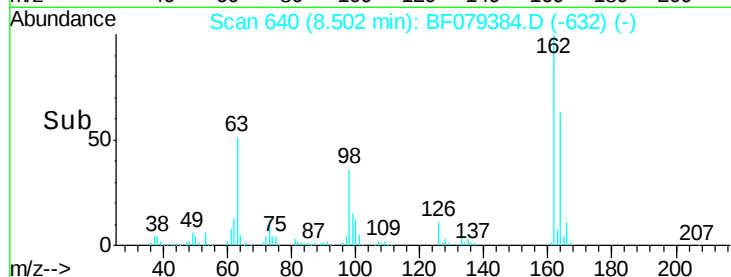
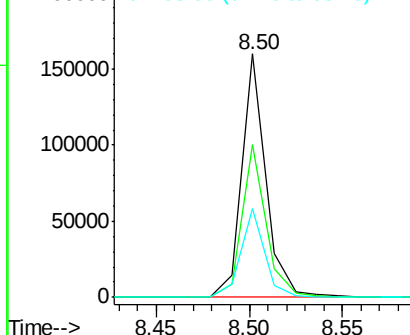
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 144125 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.7  | 42.7  | 82.7   |
| 98        | 36.2  | 26.3  | 66.3   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.73 ng

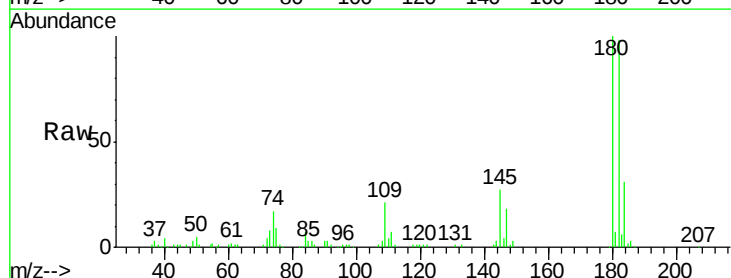
RT: 8.60 min Scan# 649

Delta R.T. -0.00 min

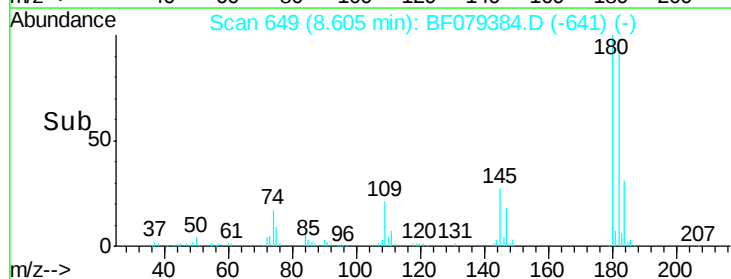
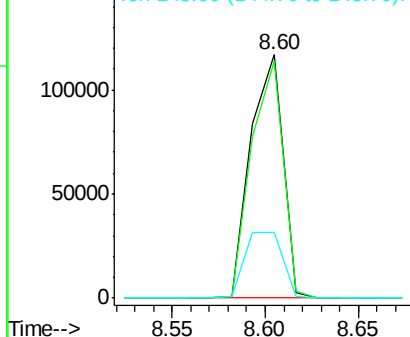
Lab File: BF079384.D

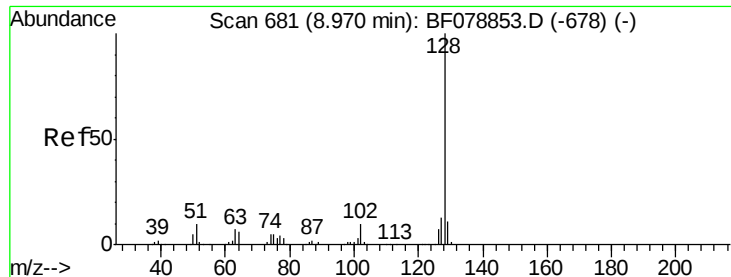
Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 140229 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.6  | 75.7  | 113.5  |
| 145       | 27.0  | 26.2  | 39.4   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.76 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

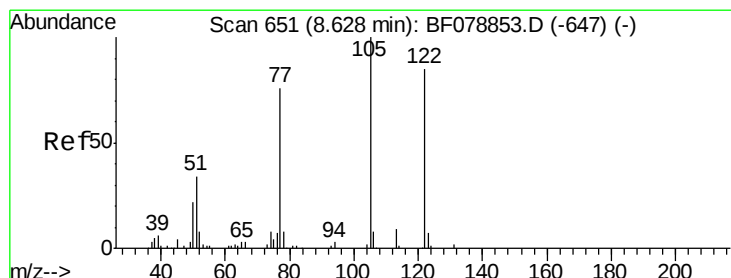
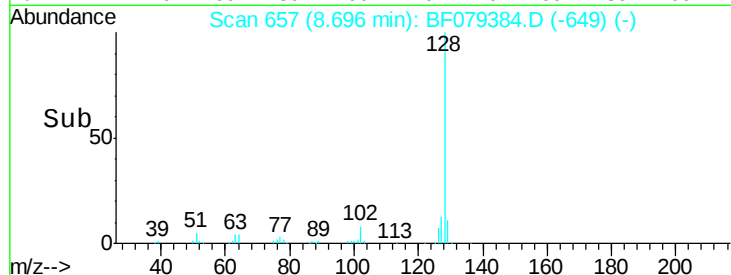
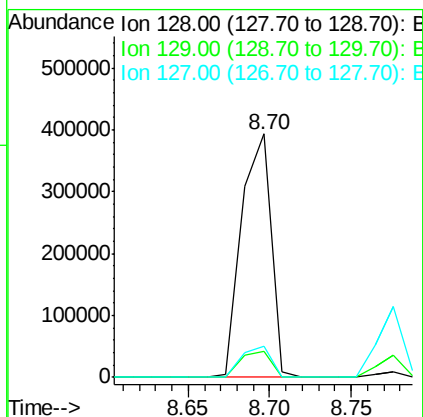
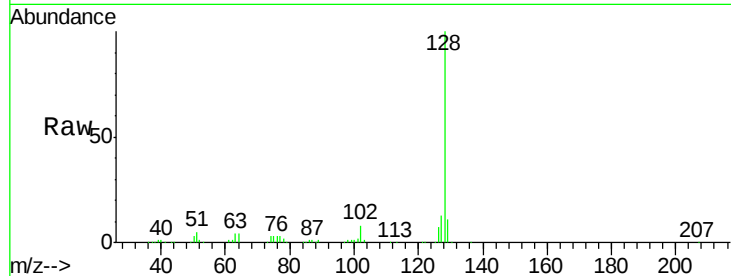
ClientSampleId :

KM-SP-001-150518MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 492735 |       |       |
| 129     | 10.6 | 9.2   | 13.8   |       |       |
| 127     | 12.7 | 10.3  | 15.5   |       |       |

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#32

Benzoic acid

Concen: 13.16 ng

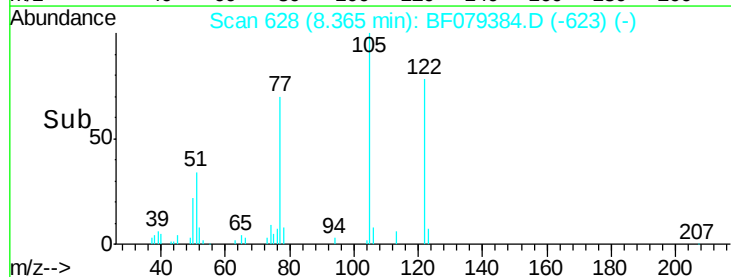
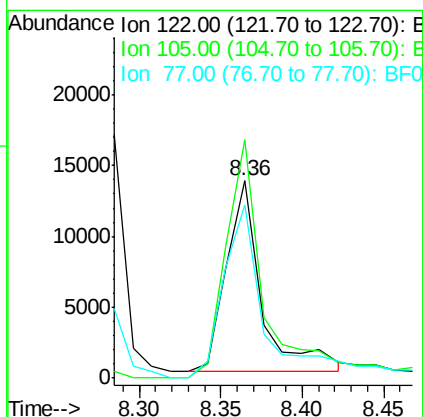
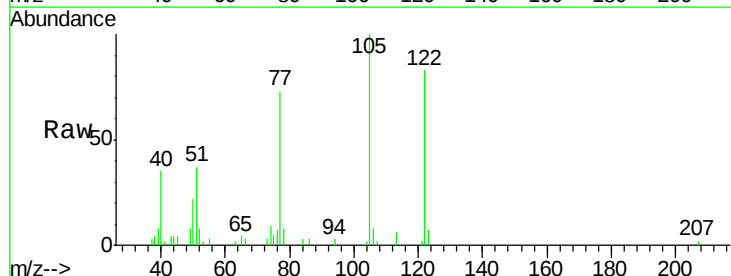
RT: 8.36 min Scan# 628

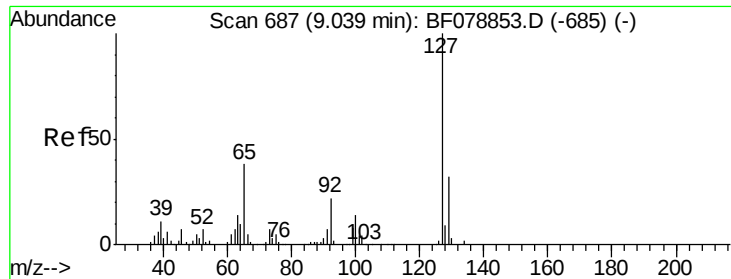
Delta R.T. -0.02 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       | 19835 |       |       |
| 105     | 121.0 | 100.7 | 140.7 |       |       |
| 77      | 87.8  | 72.0  | 112.0 |       |       |





#33

4-Chloroaniline

Concen: 22.32 ng

RT: 8.78 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

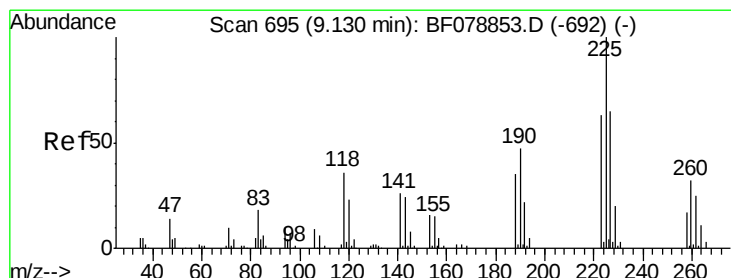
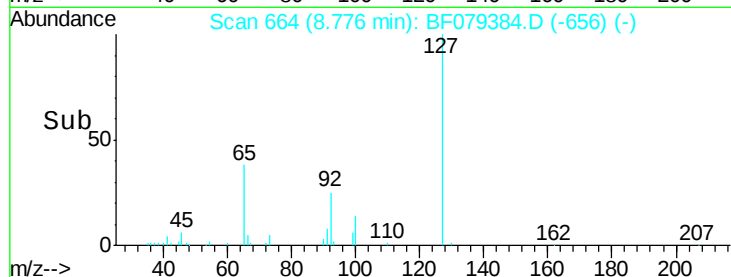
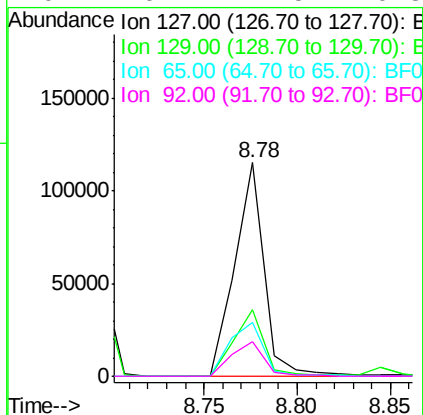
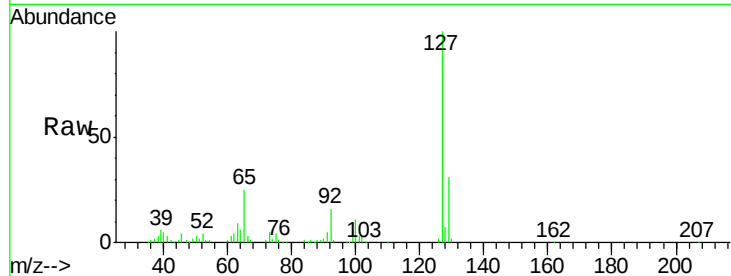
ClientSampleId :

KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.5  | 25.6  | 38.4  |
| 65      | 25.2  | 30.2  | 45.4  |
| 92      | 16.1  | 17.5  | 26.3  |

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#34

Hexachlorobutadiene

Concen: 34.49 ng

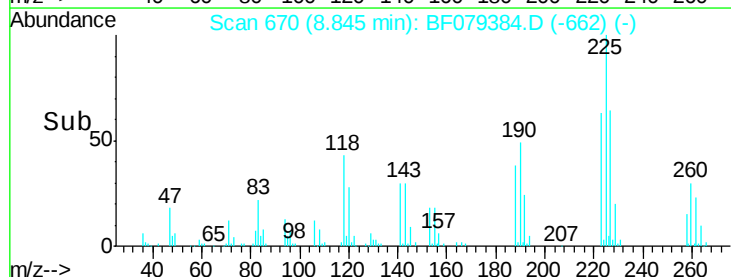
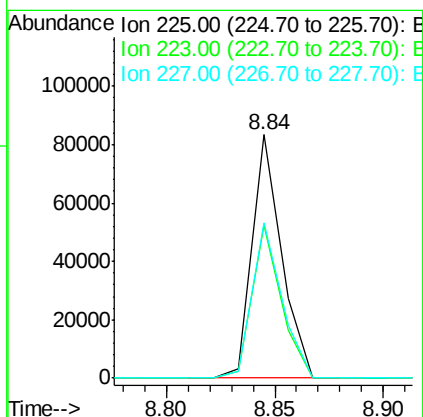
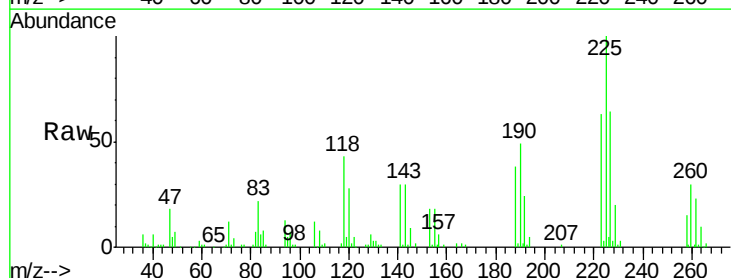
RT: 8.84 min Scan# 670

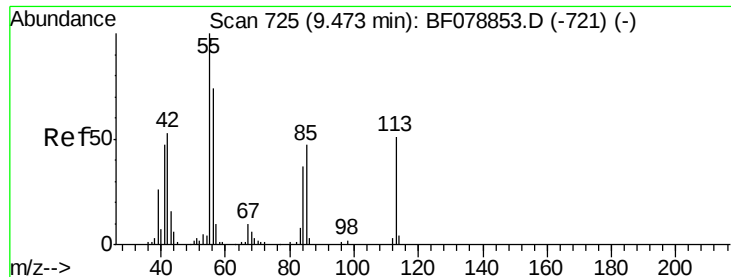
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 50.6  | 75.8  |
| 227     | 63.7  | 52.1  | 78.1  |





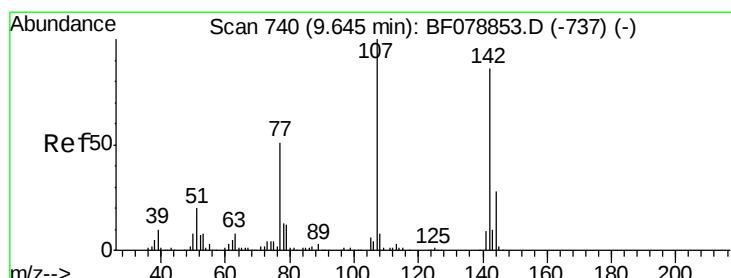
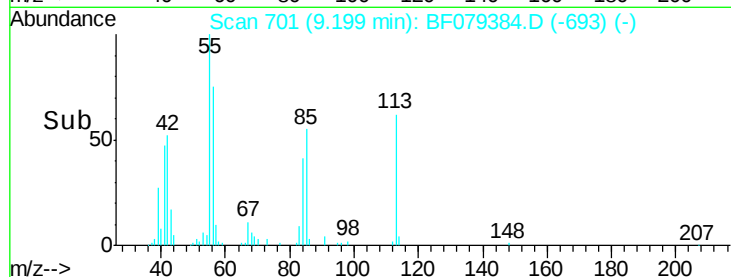
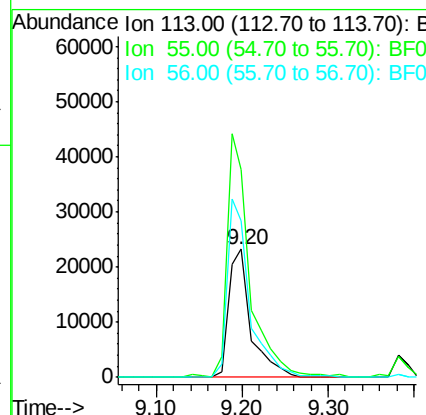
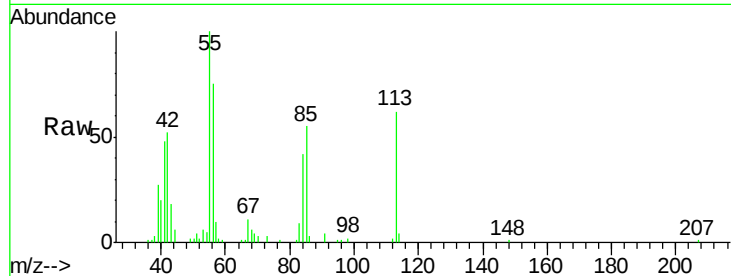
#35  
 Caprolactam  
 Concen: 36.35 ng/ml  
 RT: 9.20 min Scan# 701  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 162.0 | 176.0 | 216.0# |
| 56      | 122.1 | 123.8 | 163.8# |

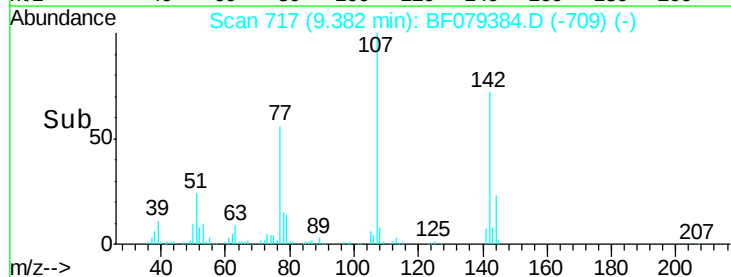
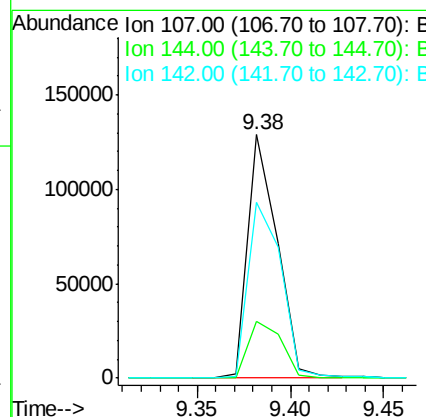
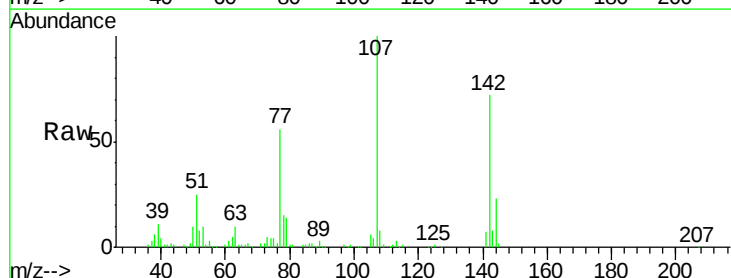
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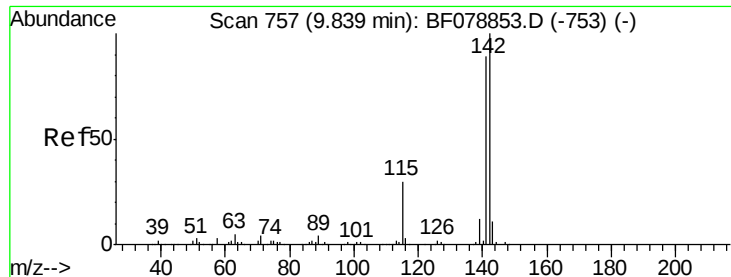
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.35 ng/ml  
 RT: 9.38 min Scan# 717  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.1  | 22.5  | 33.7  |
| 142     | 72.2  | 68.6  | 103.0 |





#37

2-Methylnaphthalene

Concen: 37.43 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

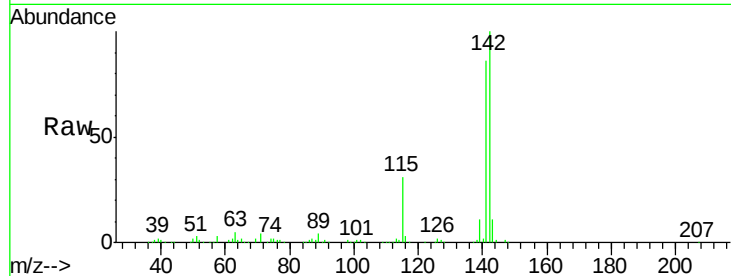
ClientSampleId :

KM-SP-001-150518MS

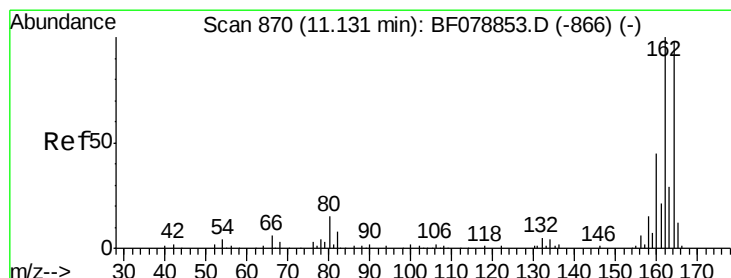
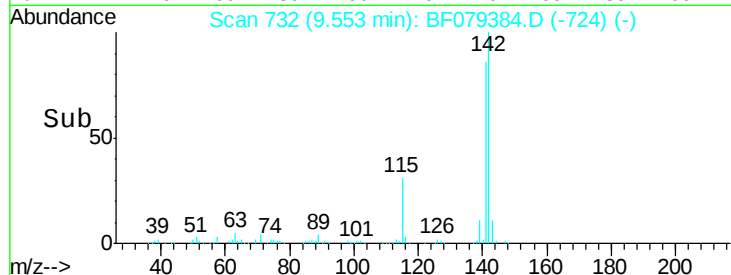
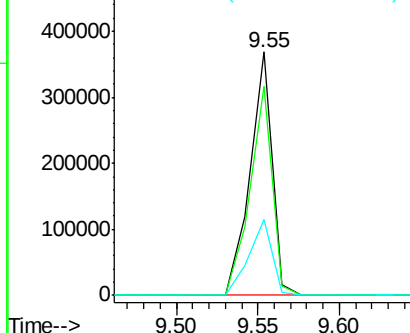
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 347701 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 85.8  | 71.6  | 107.4  |
| 115       | 31.0  | 24.2  | 36.4   |

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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

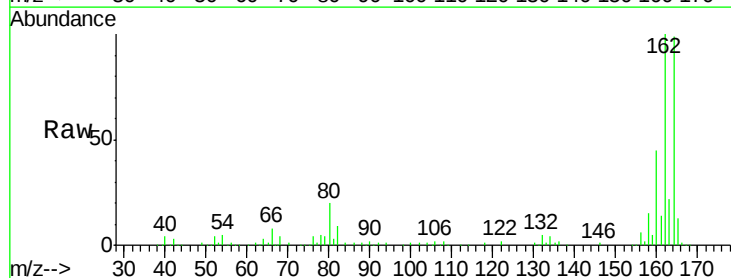
RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

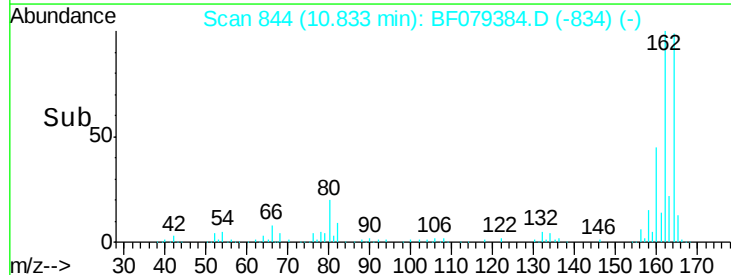
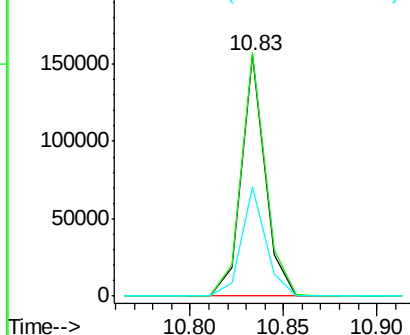
Lab File: BF079384.D

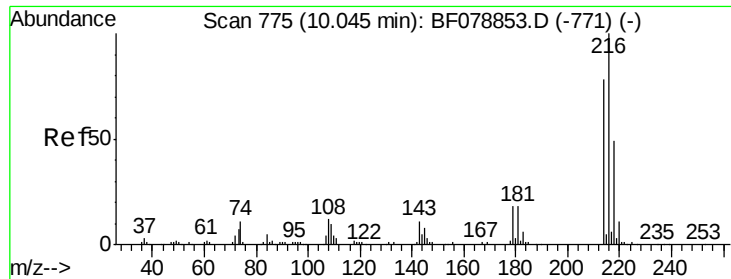
Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 137794 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.1 | 81.4  | 122.0  |
| 160       | 45.2  | 36.6  | 54.8   |



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: 35.21 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

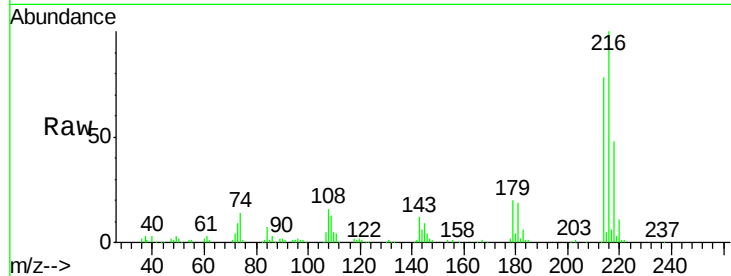
ClientSampleId :

KM-SP-001-150518MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 216  | Resp: | 136646 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 78.3 | 64.0  | 96.0   |
| 179       | 21.8 | 17.0  | 25.4   |
| 108       | 22.8 | 17.0  | 25.6   |

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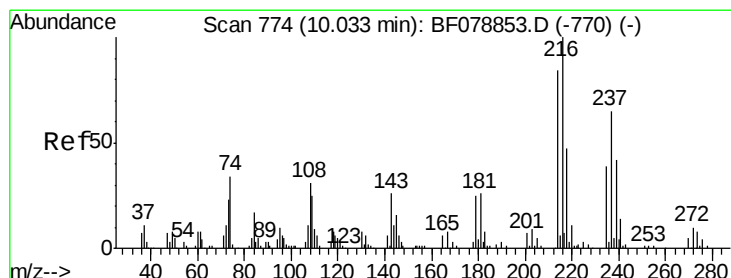
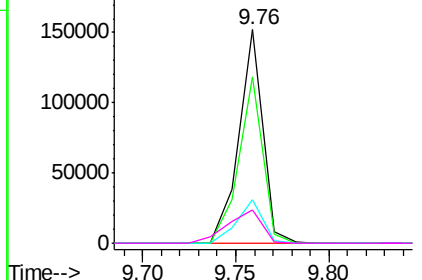
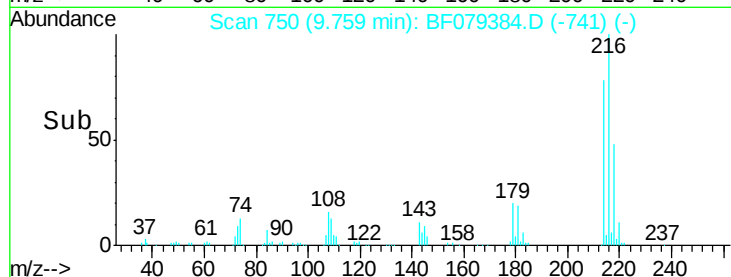


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.61 ng

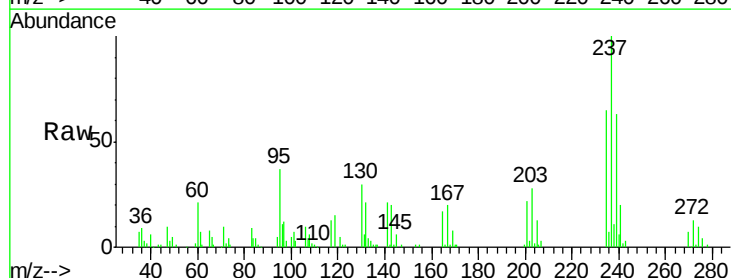
RT: 9.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

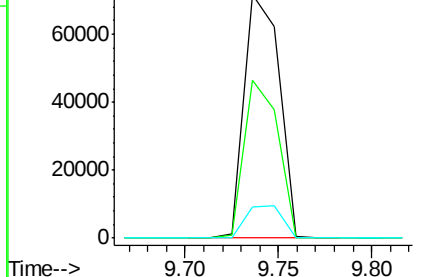
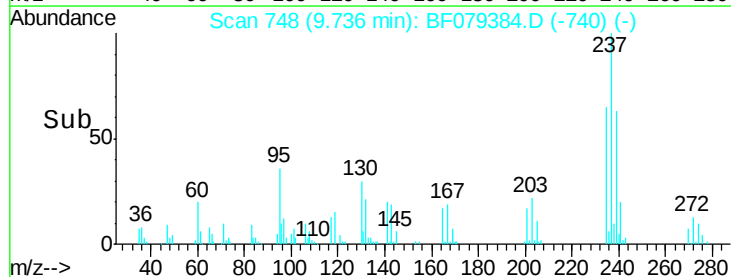
|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 237  | Resp: | 92903 |
| Ion Ratio |      | Lower | Upper |
| 237       | 100  |       |       |
| 235       | 64.9 | 40.0  | 80.0  |
| 272       | 12.6 | 0.0   | 36.0  |

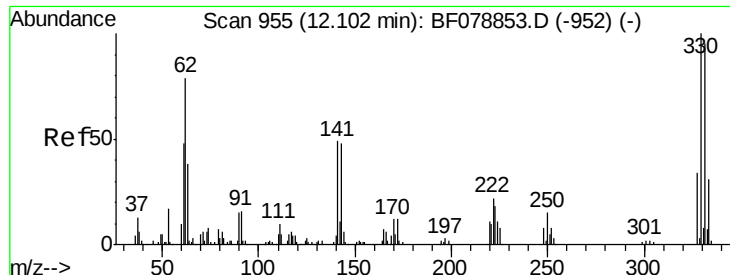


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





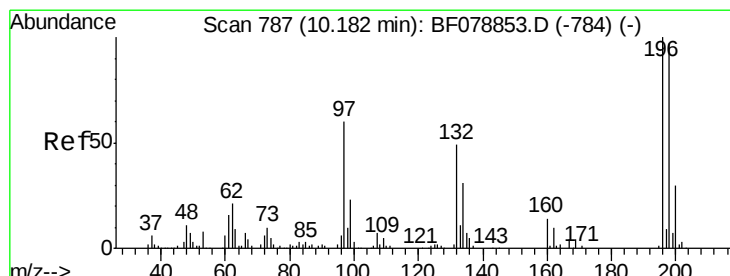
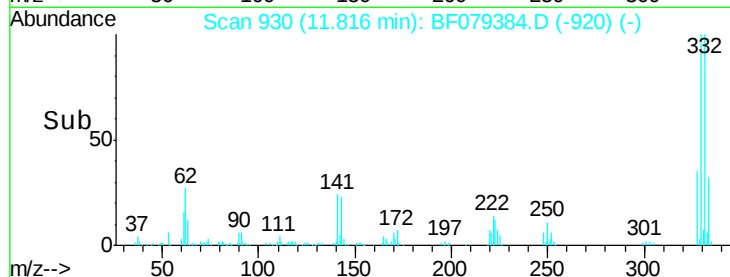
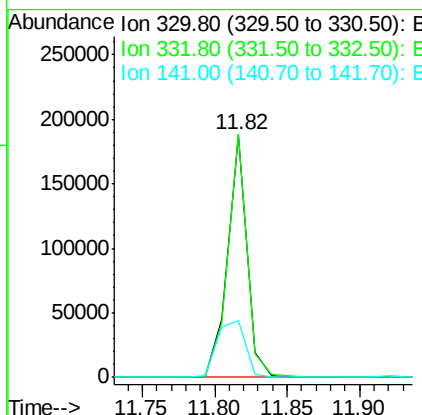
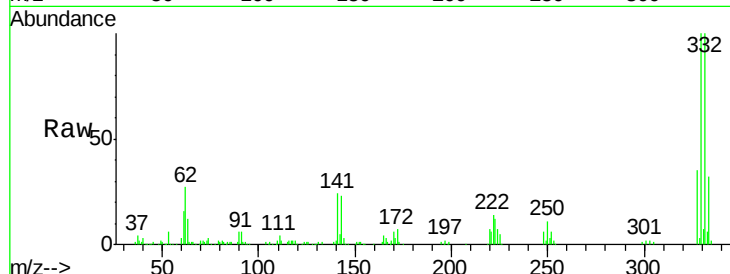
#41  
 2,4,6-Tribromophenol  
 Concen: 117.65 ng  
 RT: 11.82 min Scan# 930  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 175385 |       |       |
| 332     | 99.1  | 76.9   | 115.3 |       |
| 141     | 34.0  | 27.8   | 41.8  |       |

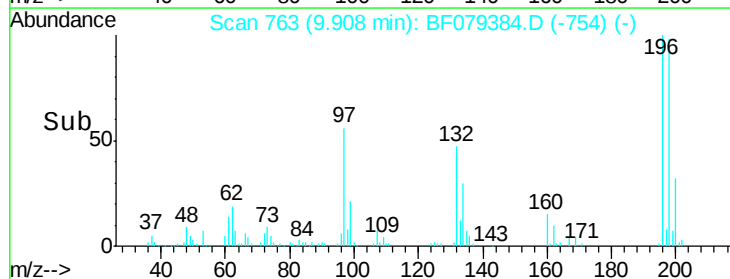
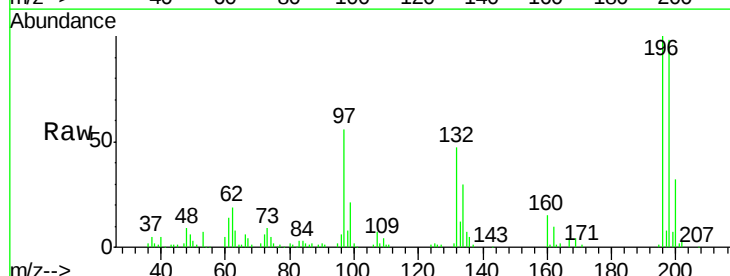
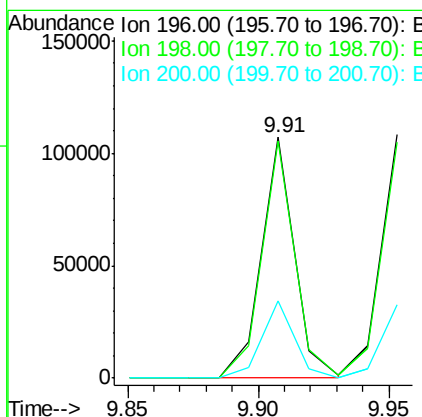
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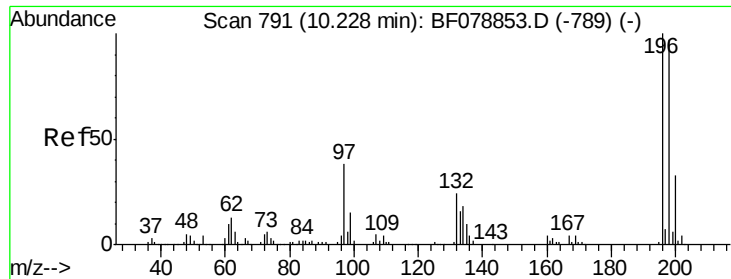
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#42  
 2,4,6-Trichlorophenol  
 Concen: 35.17 ng  
 RT: 9.91 min Scan# 763  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 93828 |       |       |
| 198     | 98.2  | 77.4  | 116.2 |       |
| 200     | 32.2  | 23.7  | 35.5  |       |





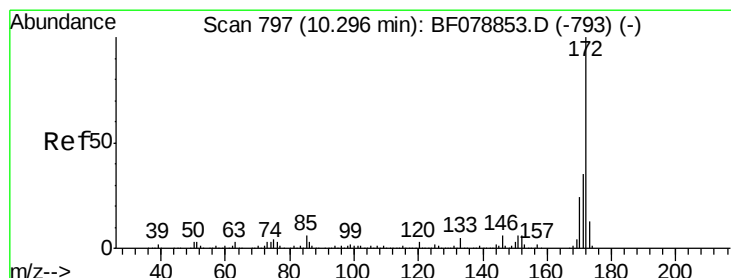
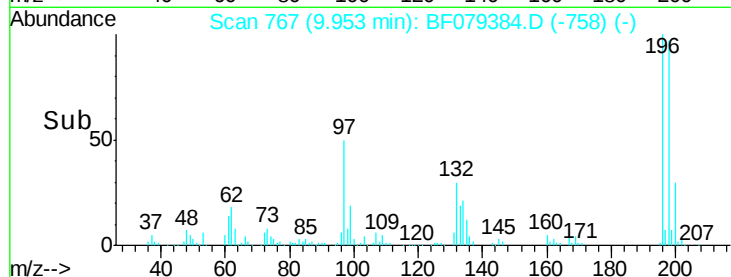
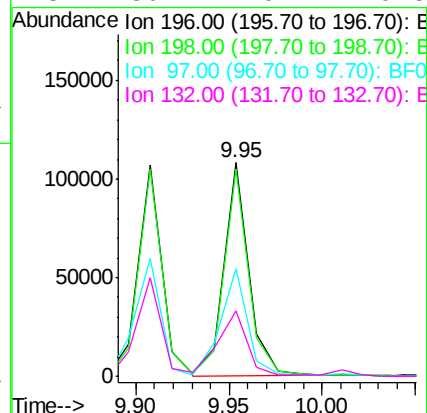
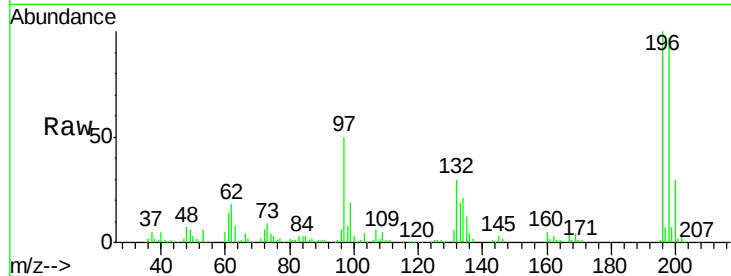
#43  
2,4,5-Trichlorophenol  
Concen: 37.35 ng  
RT: 9.95 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 100748 |       |       |
| 198     | 96.9 | 77.3  | 115.9  |       |       |
| 97      | 50.4 | 31.3  | 46.9#  |       |       |
| 132     | 30.4 | 19.7  | 29.5#  |       |       |

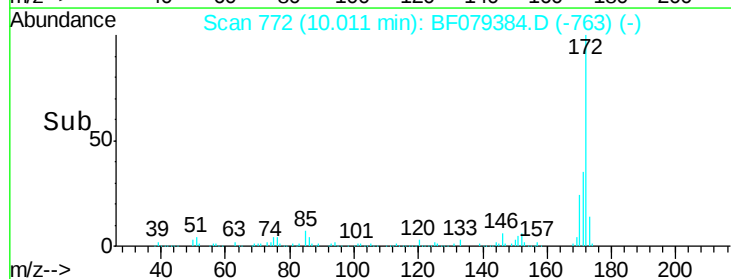
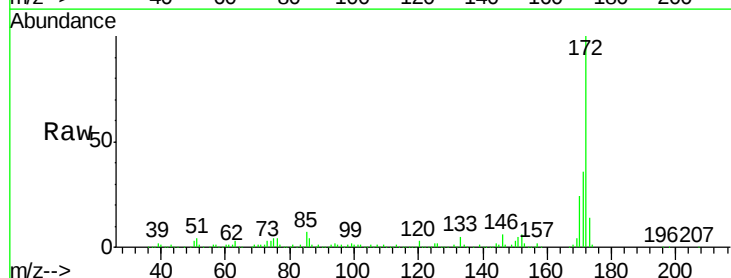
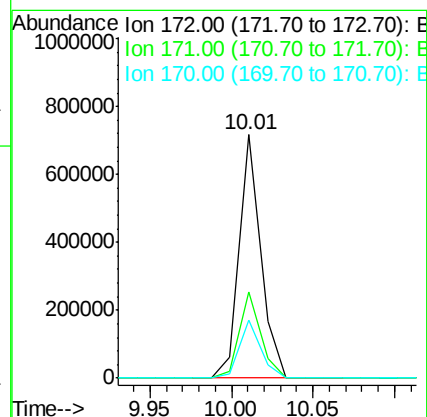
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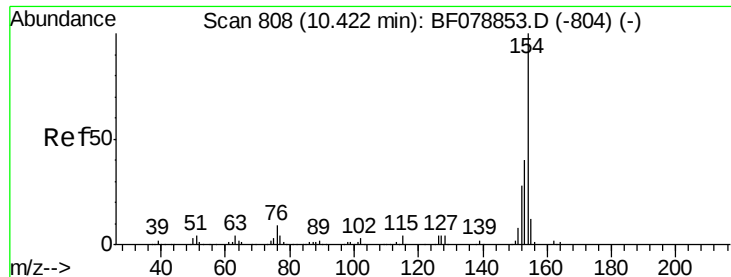
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#44  
2-Fluorobiphenyl  
Concen: 65.69 ng  
RT: 10.01 min Scan# 772  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 649741 |       |       |
| 171     | 35.6 | 28.3  | 42.5   |       |       |
| 170     | 24.0 | 19.4  | 29.2   |       |       |





#45

1,1'-Biphenyl

Concen: 36.46 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

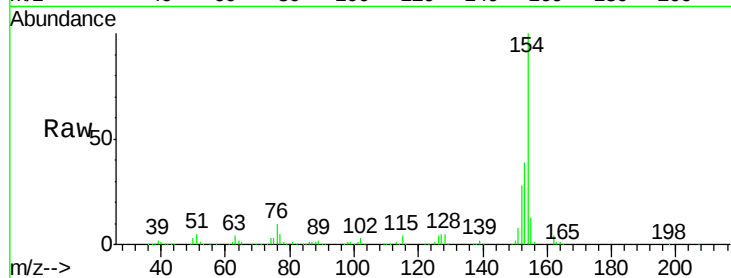
ClientSampleId :

KM-SP-001-150518MS

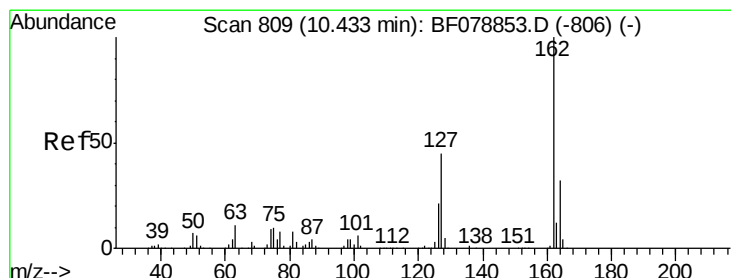
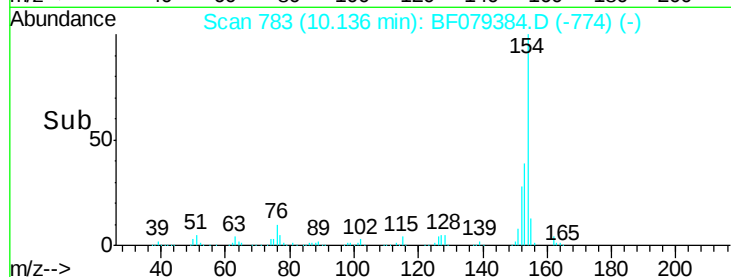
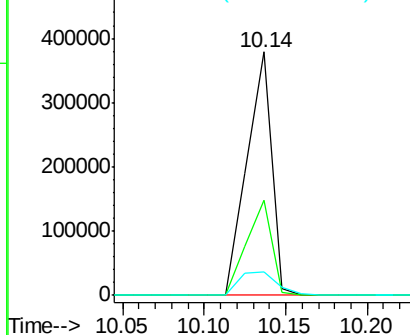
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 399349 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.3  | 19.7  | 59.7   |
| 76        | 9.7   | 0.0   | 29.1   |

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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: 35.49 ng

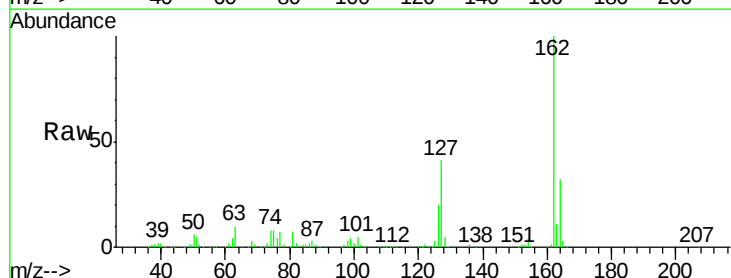
RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

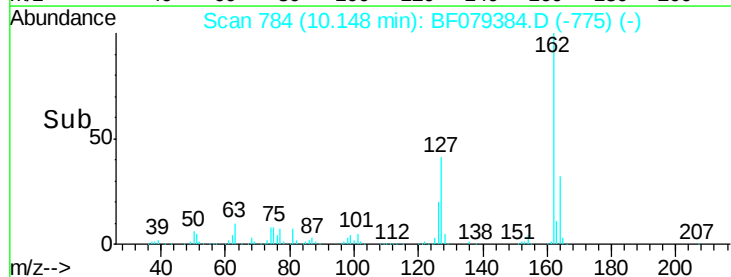
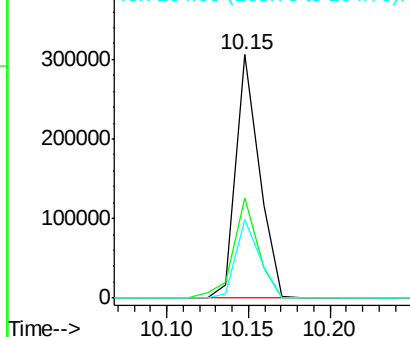
Lab File: BF079384.D

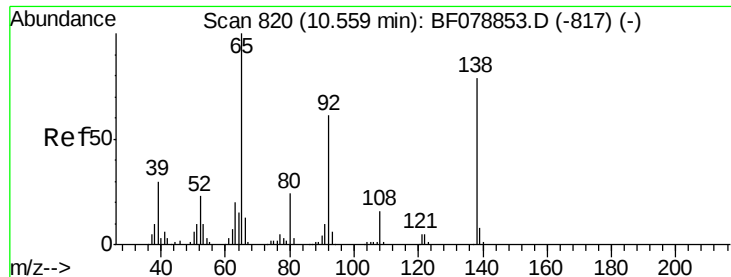
Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 303246 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.1  | 36.3  | 54.5   |
| 164       | 32.4  | 25.9  | 38.9   |



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: 37.79 ng

RT: 10.28 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

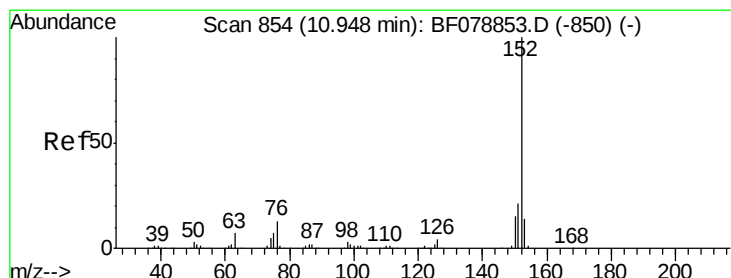
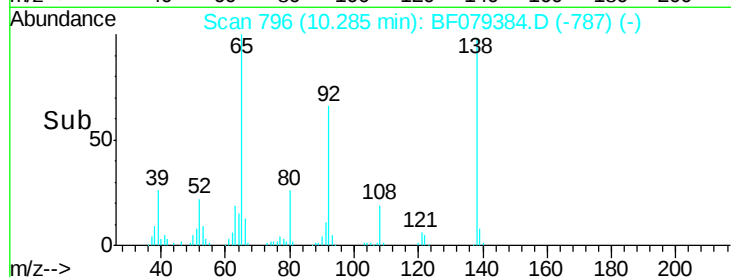
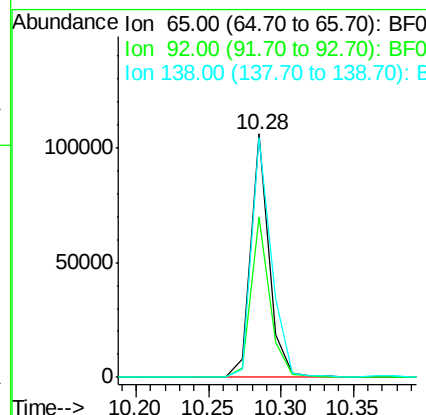
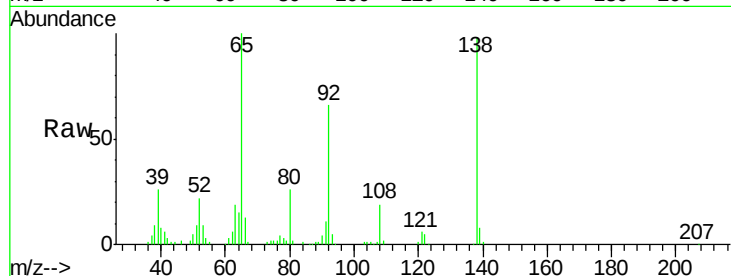
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 93568 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 66.0  | 49.1  | 73.7  |
| 138       | 98.5  | 63.2  | 94.8# |

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#48

Acenaphthylene

Concen: 36.19 ng

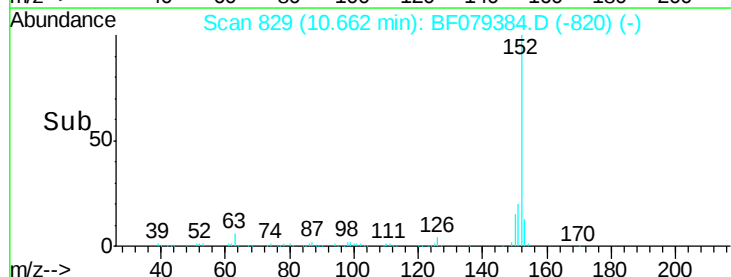
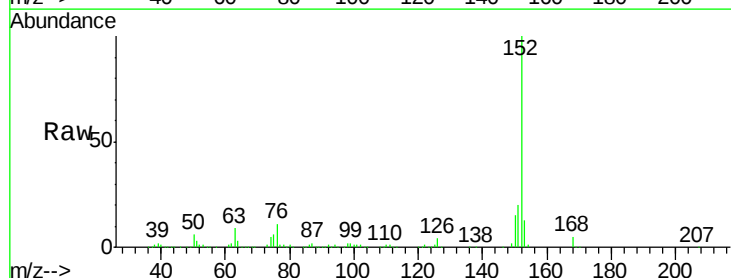
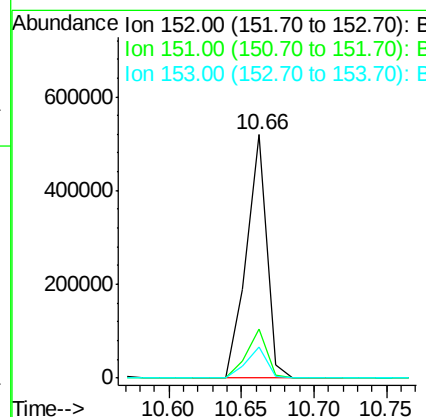
RT: 10.66 min Scan# 829

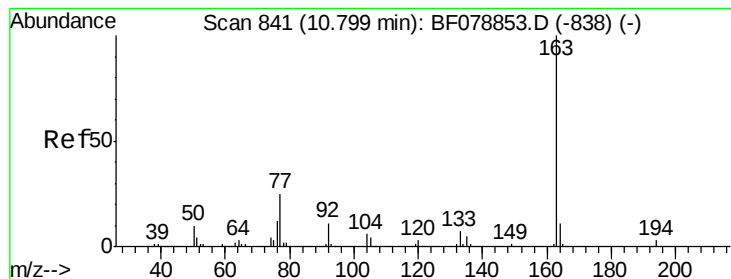
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 507784 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.0  | 16.6  | 24.8   |
| 153       | 13.0  | 11.0  | 16.6   |





#49

Dimethylphthalate

Concen: 42.63 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

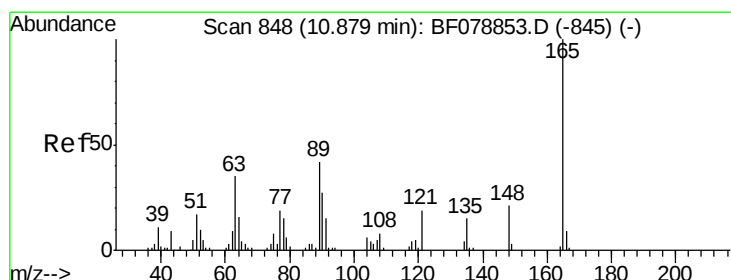
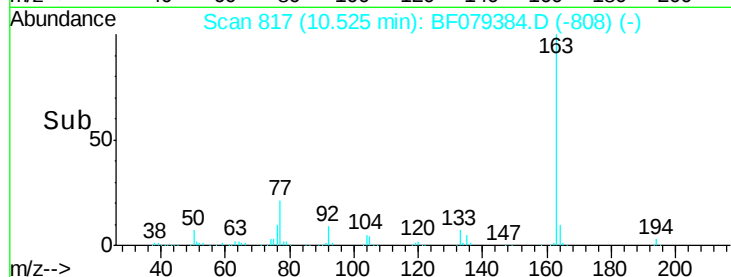
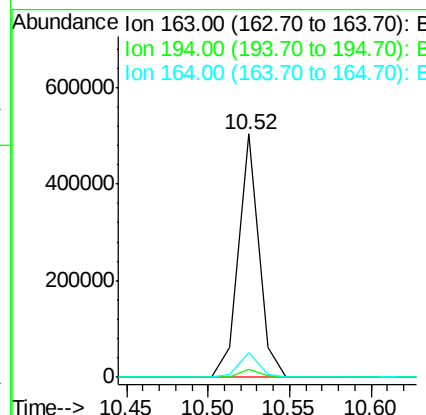
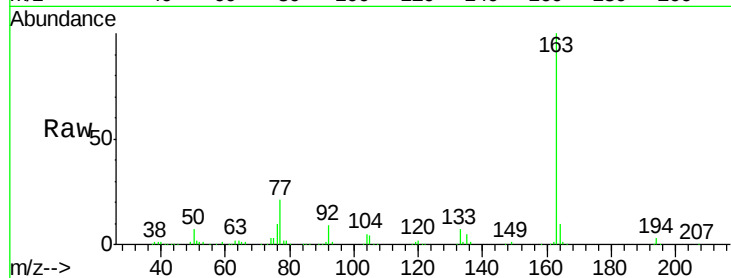
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 431083 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.1   | 2.4   | 3.6    |
| 164       | 10.4  | 8.6   | 12.8   |

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#50

2,6-Dinitrotoluene

Concen: 37.29 ng

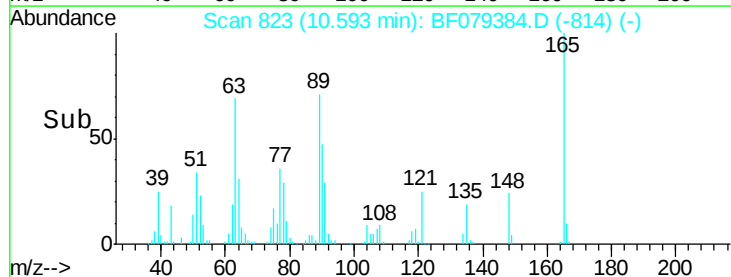
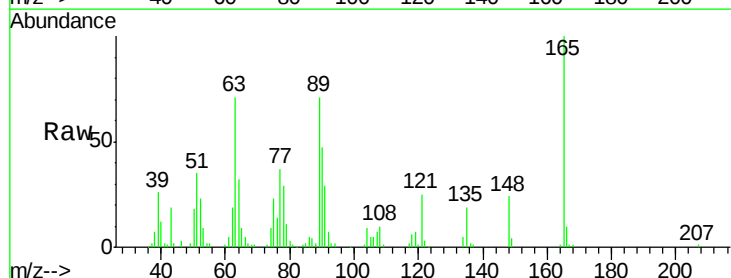
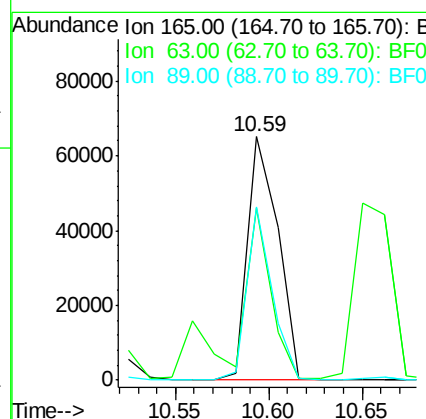
RT: 10.59 min Scan# 823

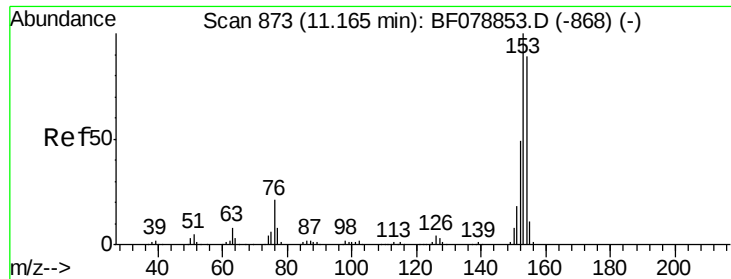
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 74421 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 70.6  | 29.2  | 43.8# |
| 89        | 71.2  | 33.3  | 49.9# |





#51

Acenaphthene

Concen: 33.78 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

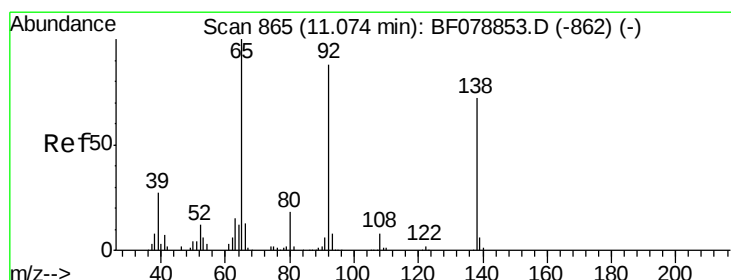
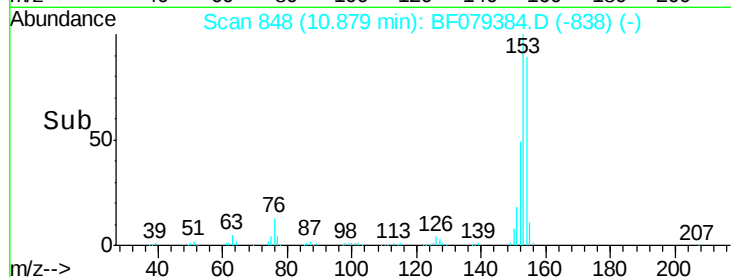
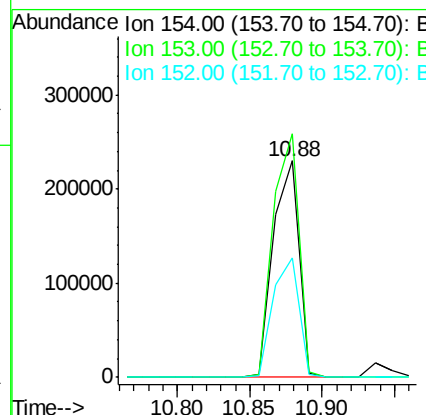
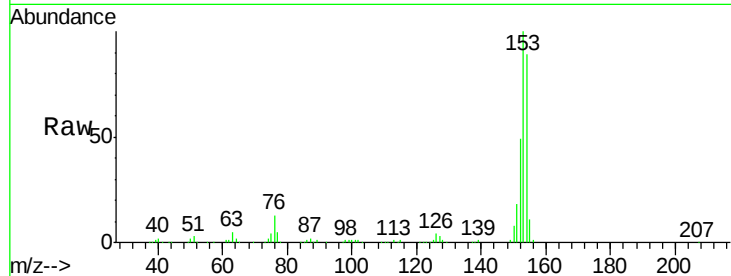
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 282614 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.5 | 90.2  | 135.2  |
| 152       | 55.1  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 30.81 ng

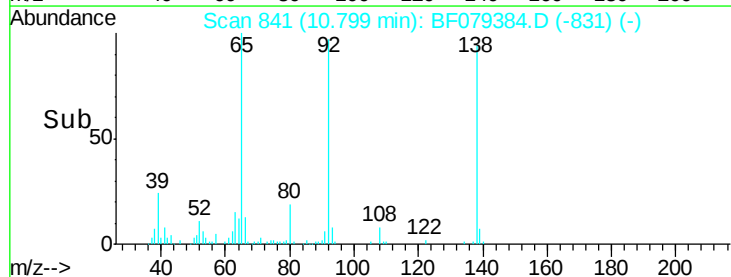
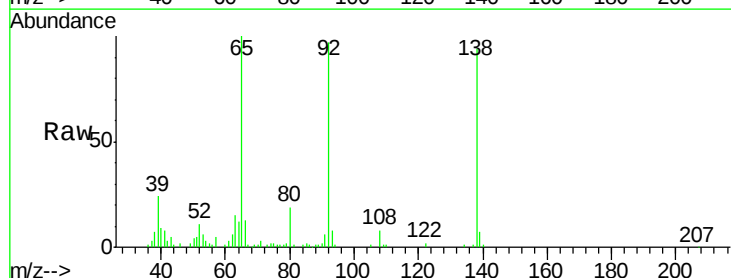
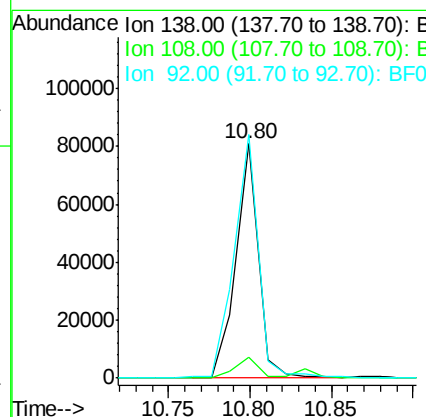
RT: 10.80 min Scan# 841

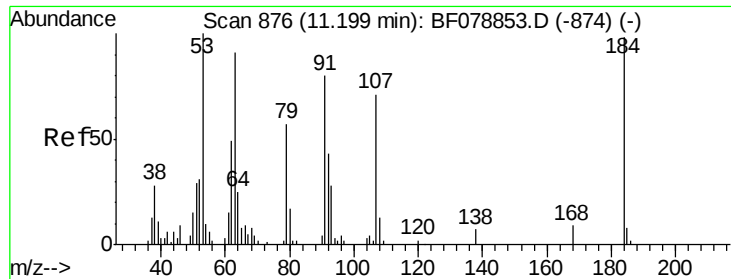
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 76818 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 8.9   | 8.5   | 12.7  |
| 92        | 104.0 | 97.4  | 146.0 |





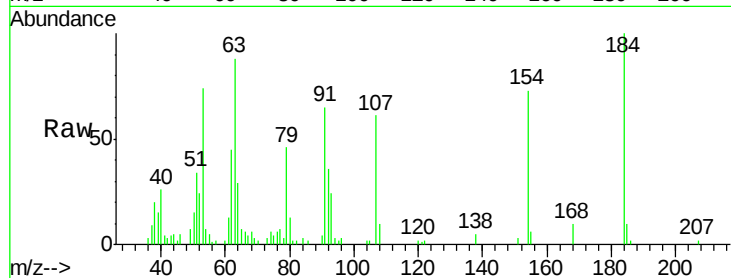
#53  
2,4-Dinitrophenol  
Concen: 45.24 ng  
RT: 10.94 min Scan# 853  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

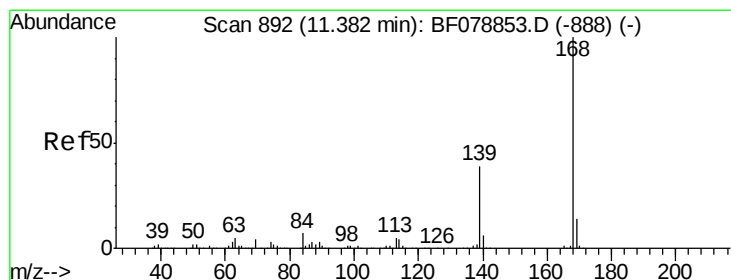
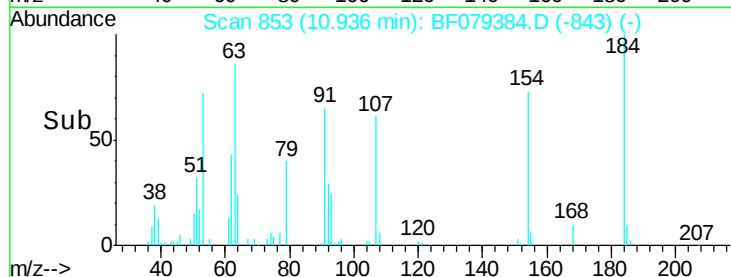
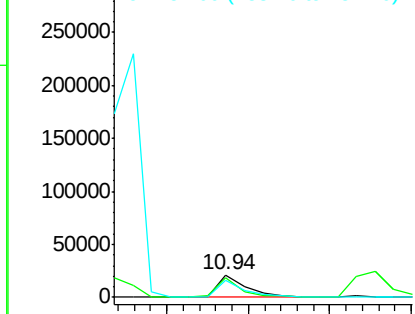
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 87.5  | 98.8  | 148.2# |
| 154     | 73.0  | 63.4  | 95.0   |

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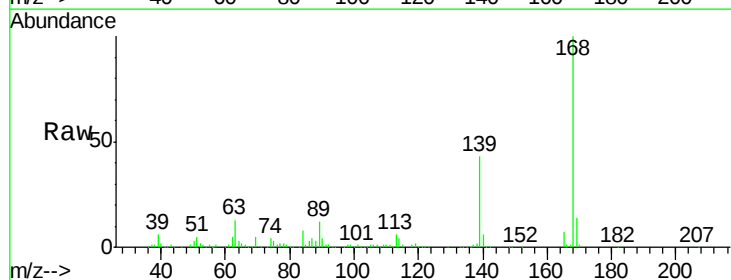


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

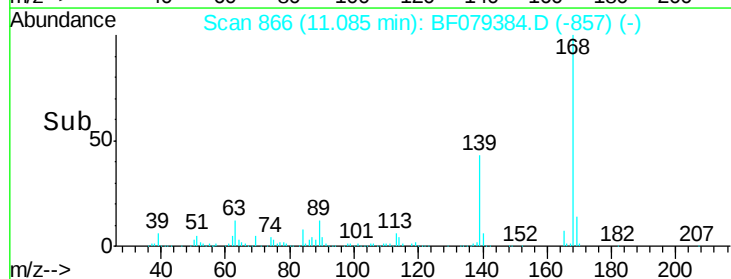
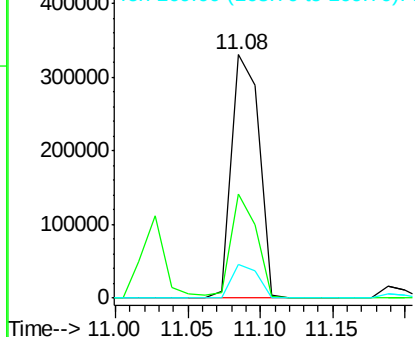


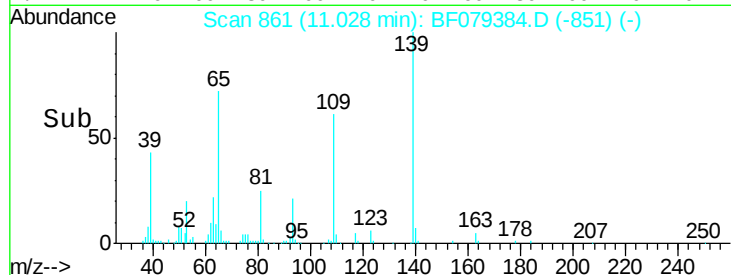
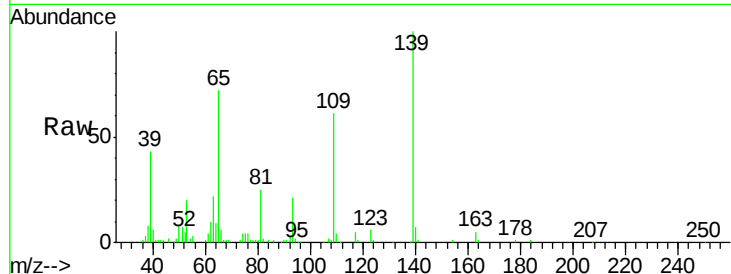
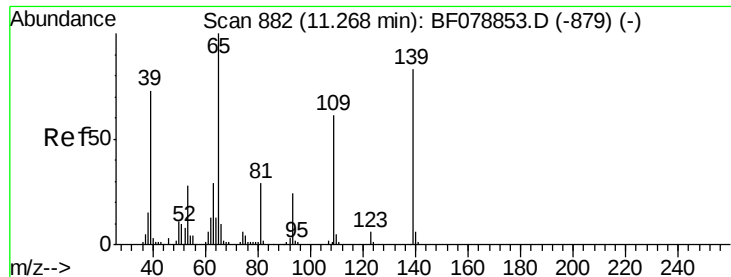
#54  
Dibenzofuran  
Concen: 36.09 ng  
RT: 11.08 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.6  | 31.5  | 47.3  |
| 169     | 14.0  | 11.0  | 16.4  |



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





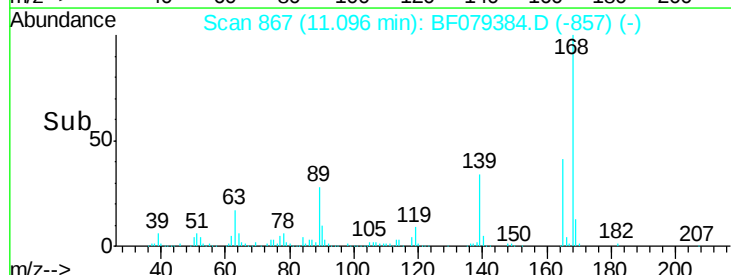
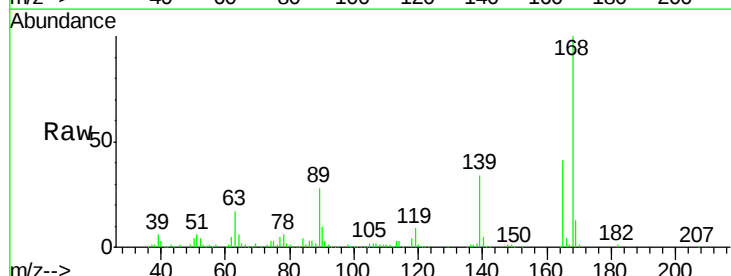
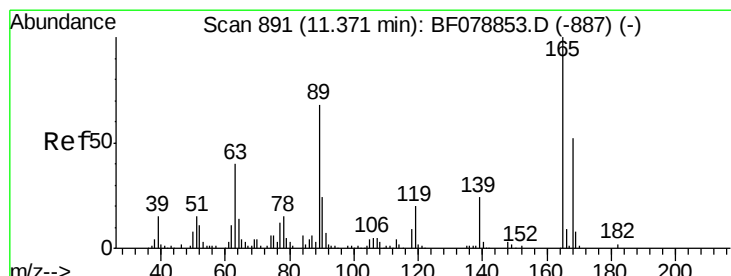
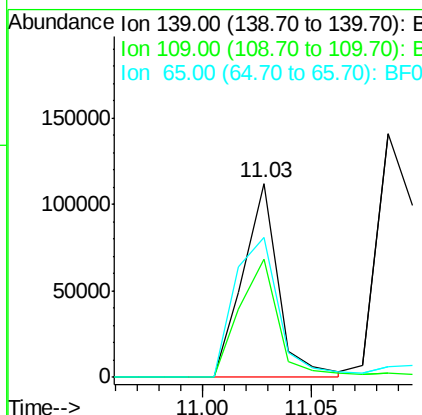
#55  
4-Nitrophenol  
Concen: 64.45 ng  
RT: 11.03 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   |       |       |       |
| 109     | 61.0  | 54.4  | 94.4  |       |
| 65      | 72.3  | 101.0 | 141.0 |       |

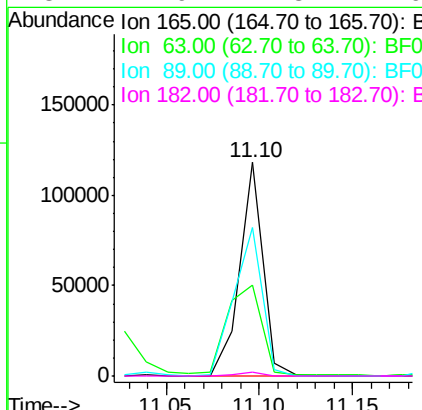
Manual Integrations  
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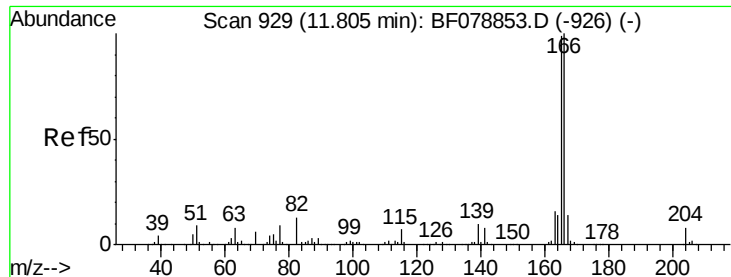
apatel  
5/21/2015 4:27:44 PM



#56  
2,4-Dinitrotoluene  
Concen: 39.24 ng  
RT: 11.10 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 42.5  | 32.3 | 48.5  |       |
| 89      | 69.5  | 54.6 | 81.8  |       |
| 182     | 1.9   | 1.8  | 2.6   |       |





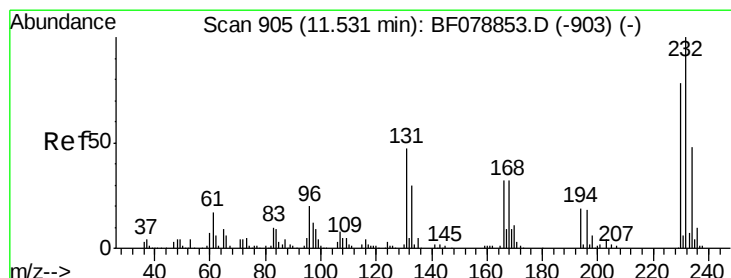
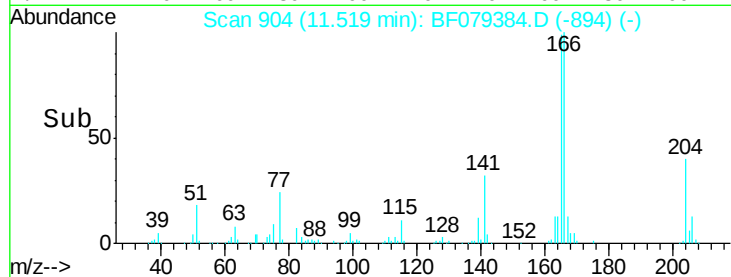
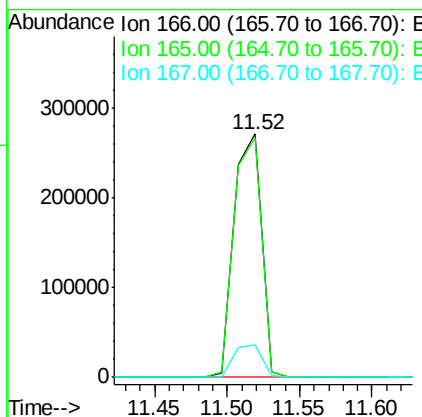
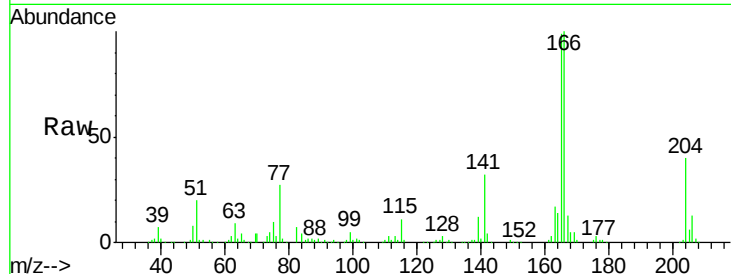
#57  
 Fluorene  
 Concen: 36.07 ng  
 RT: 11.52 min Scan# 904  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 357811 |       |       |
| 165     | 98.7  | 79.5   | 119.3 |       |
| 167     | 13.1  | 11.0   | 16.6  |       |

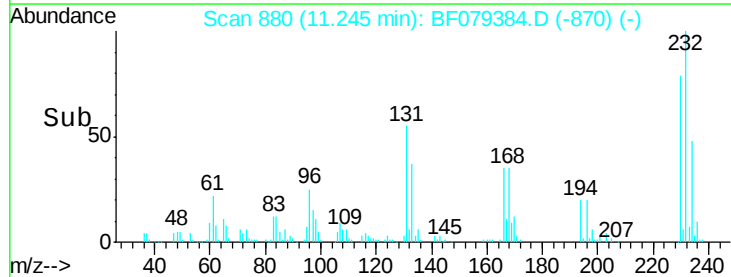
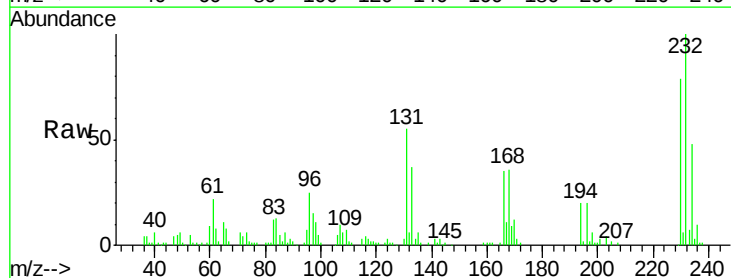
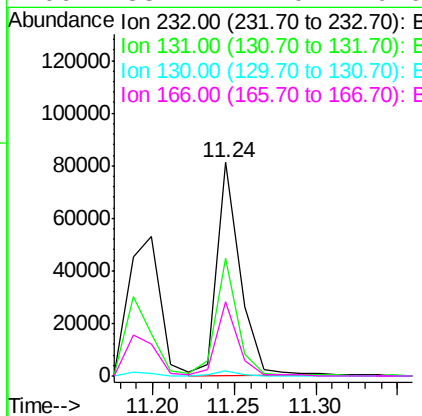
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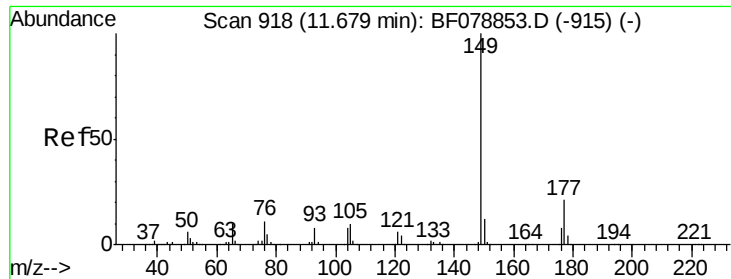
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.88 ng  
 RT: 11.24 min Scan# 880  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 79081 |       |       |
| 131     | 52.4  | 41.9  | 62.9  |       |
| 130     | 2.8   | 1.9   | 2.9   |       |
| 166     | 33.2  | 27.0  | 40.6  |       |





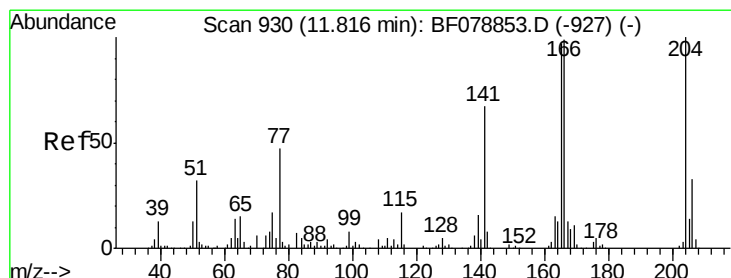
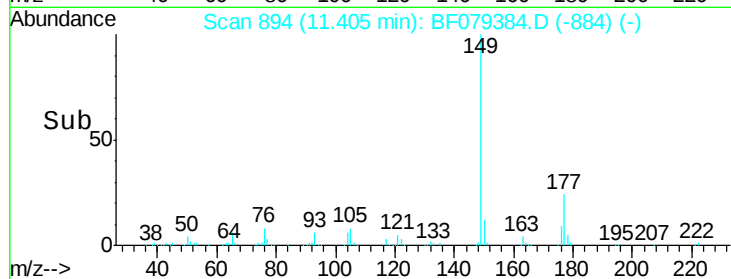
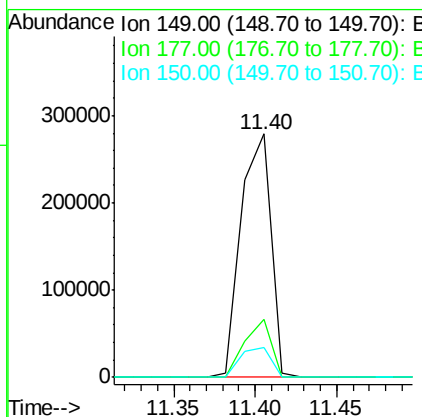
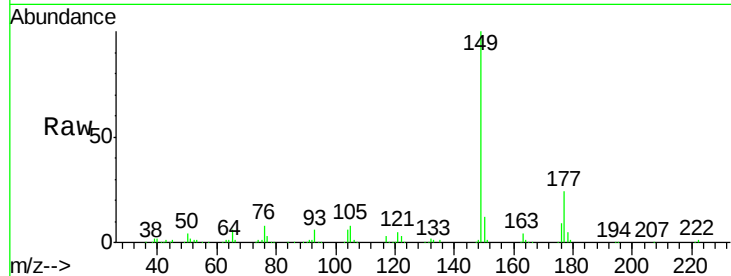
#59  
Diethylphthalate  
Concen: 35.27 ng  
RT: 11.40 min Scan# 894  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 353353 |       |       |
| 177     | 23.7  | 16.4   | 24.6  |       |
| 150     | 12.0  | 9.8    | 14.6  |       |

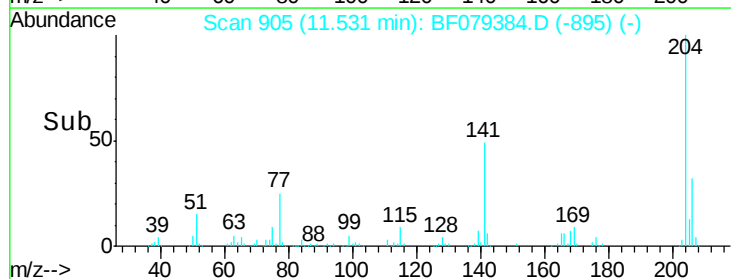
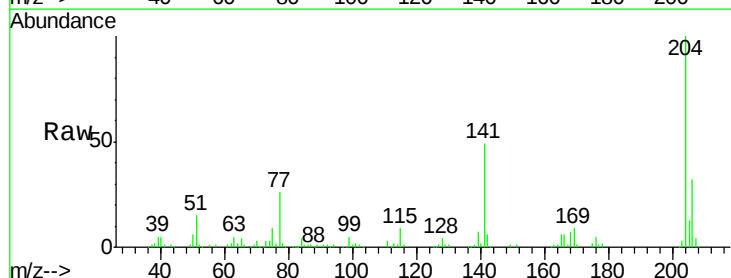
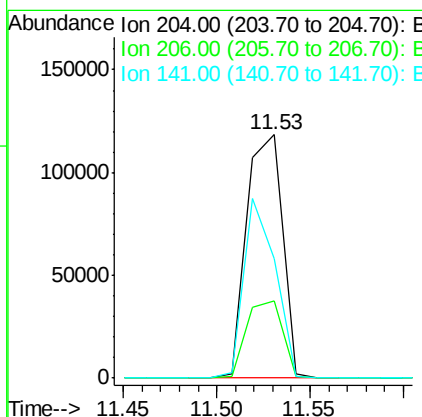
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#60  
4-Chlorophenyl-phenylether  
Concen: 35.93 ng  
RT: 11.53 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 158108 |       |       |
| 206     | 31.8  | 26.2   | 39.4  |       |
| 141     | 49.1  | 53.6   | 80.4  |       |





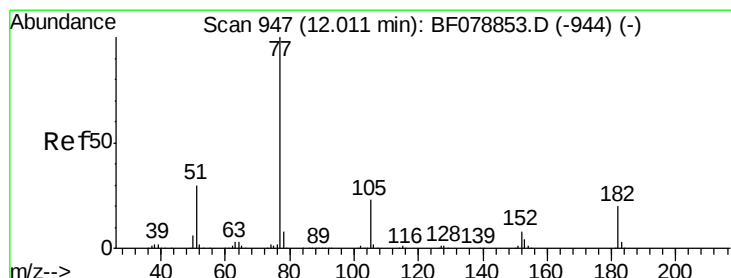
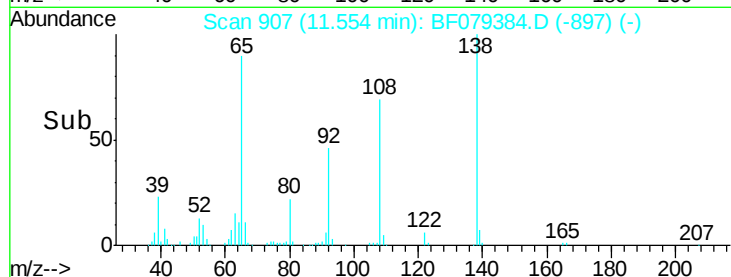
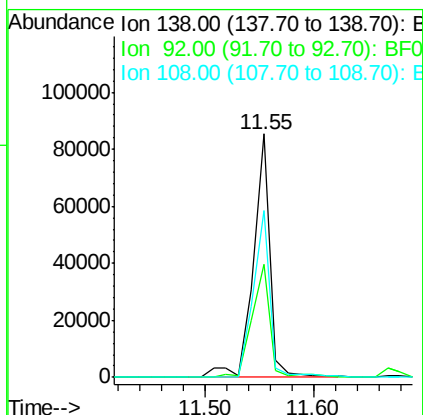
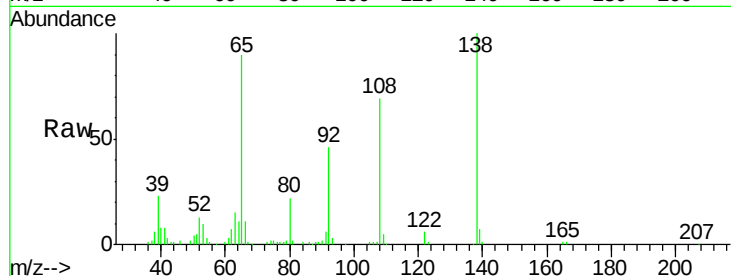
#61  
4-Nitroaniline  
Concen: 36.77 ng  
RT: 11.55 min Scan# 907  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.3  | 33.7  | 73.7  |
| 108     | 68.6  | 53.4  | 93.4  |

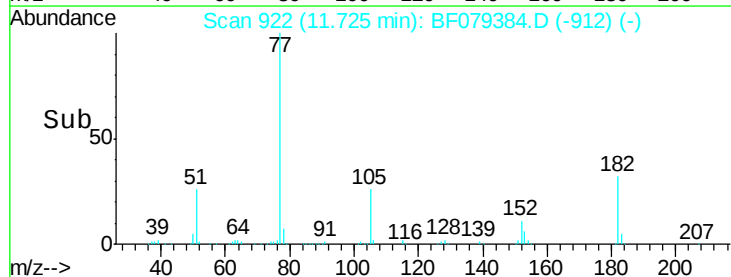
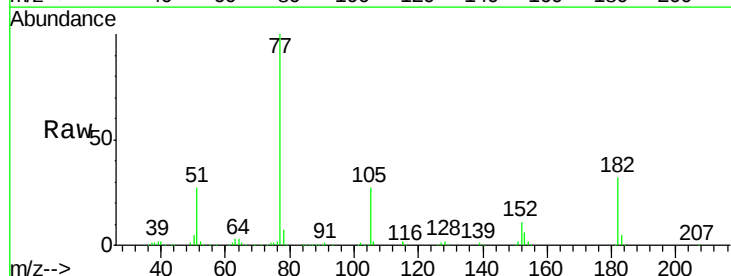
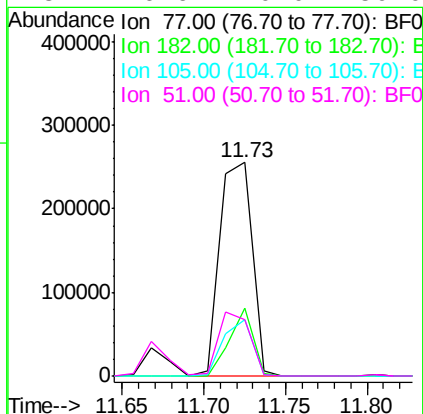
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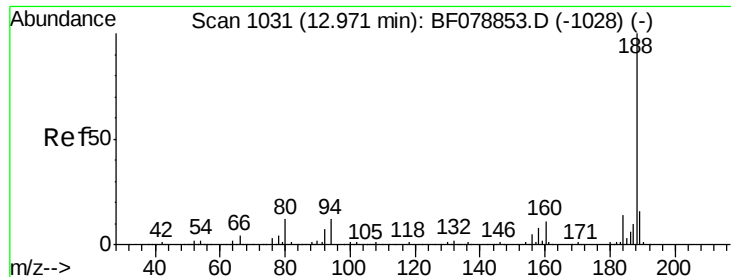
apatel  
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#62  
Azobenzene  
Concen: 35.37 ng  
RT: 11.73 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.6  | 0.0   | 40.0  |
| 105     | 26.6  | 2.9   | 42.9  |
| 51      | 26.6  | 10.0  | 50.0  |





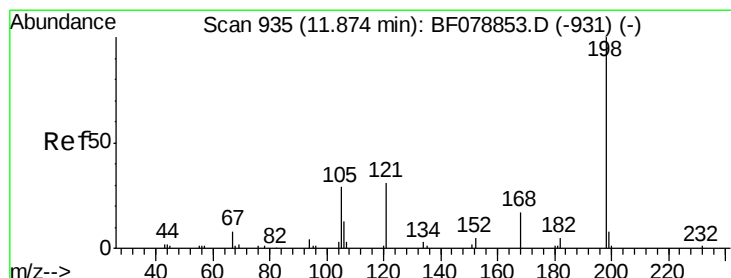
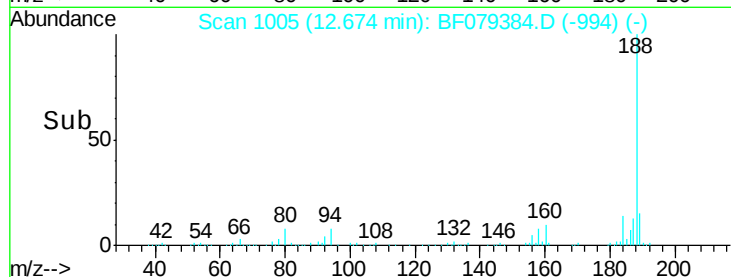
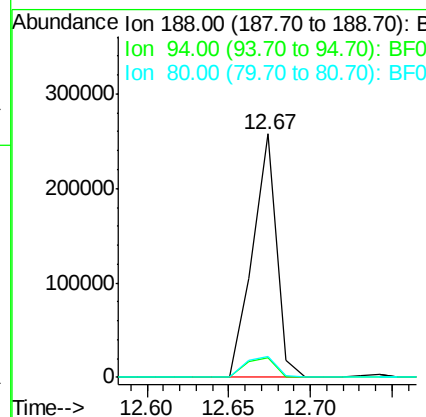
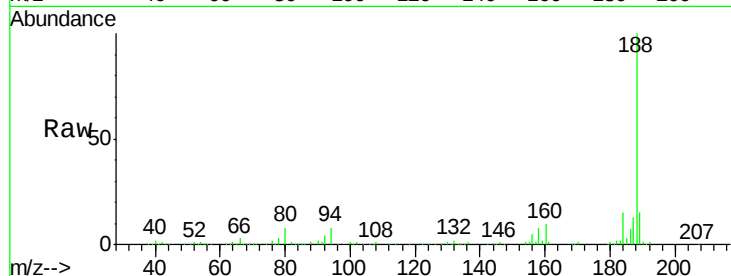
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.67 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 8.3   | 9.4        | 14.0# |
| 80      | 8.5   | 9.8        | 14.6# |

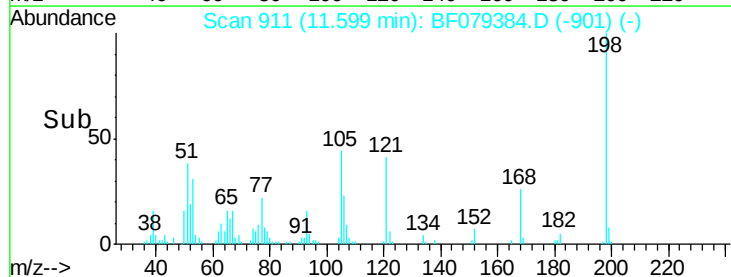
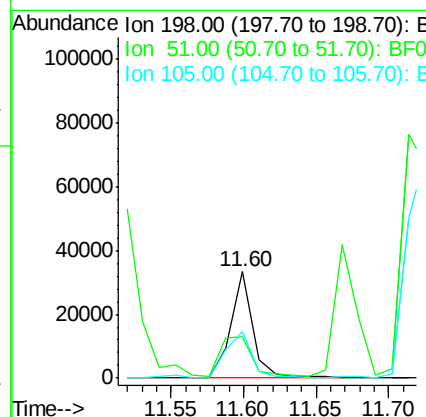
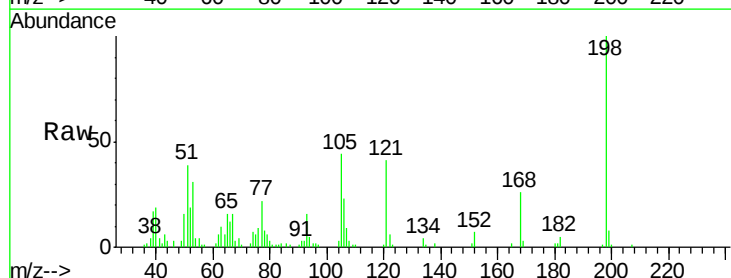
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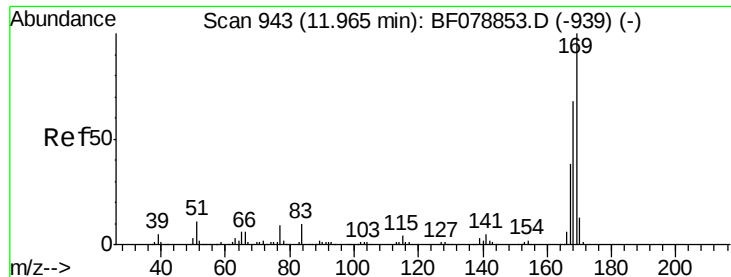
apatel  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 35.77 ng  
RT: 11.60 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 39.1  | 7.0        | 47.0  |
| 105     | 43.7  | 13.7       | 53.7  |





#65

n-Nitrosodiphenylamine

Concen: 34.47 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

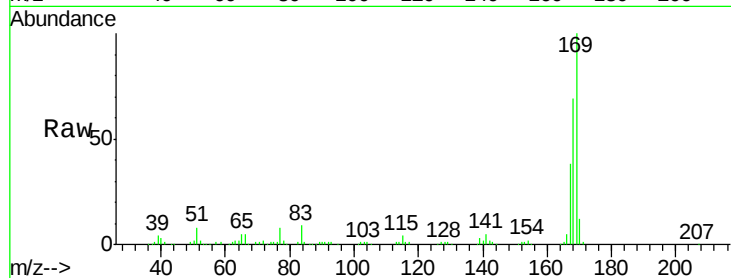
ClientSampleId :

KM-SP-001-150518MS

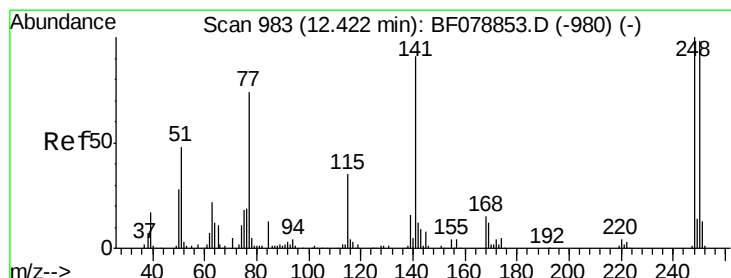
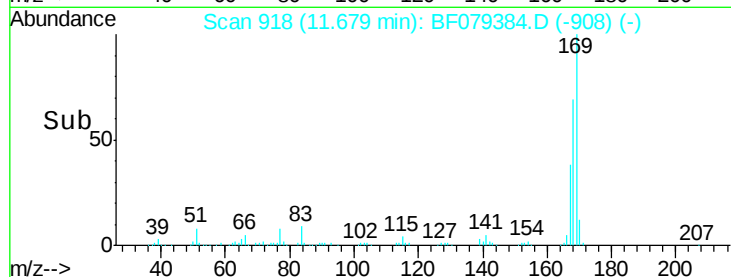
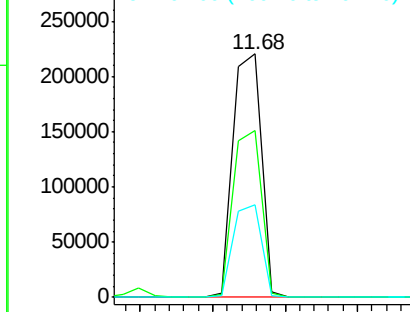
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 301114 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.7  | 54.1  | 81.1   |
| 167       | 37.9  | 30.1  | 45.1   |

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



#66

4-Bromophenyl-phenylether

Concen: 34.93 ng

RT: 12.13 min Scan# 957

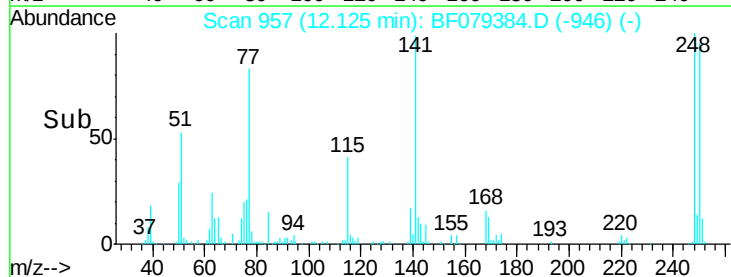
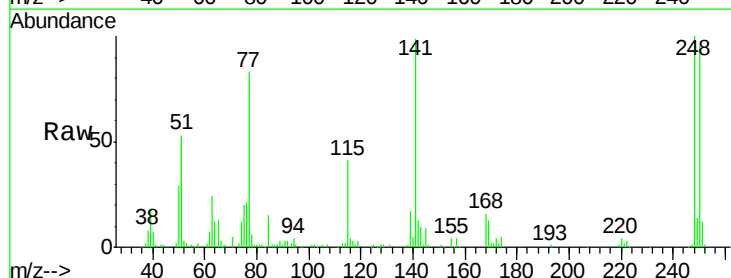
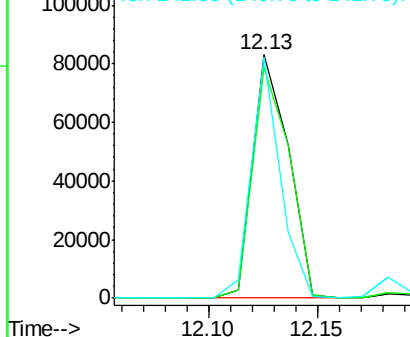
Delta R.T. -0.00 min

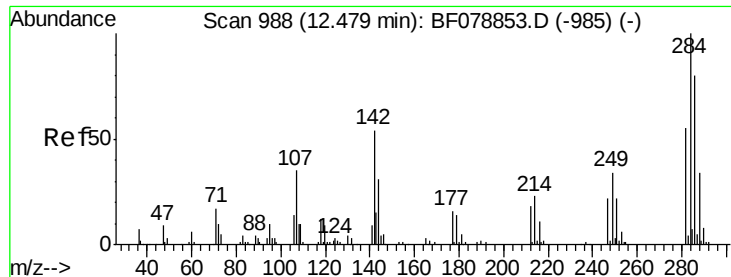
Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 95500 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 94.9  | 78.0  | 117.0 |
| 141       | 98.8  | 72.6  | 109.0 |

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





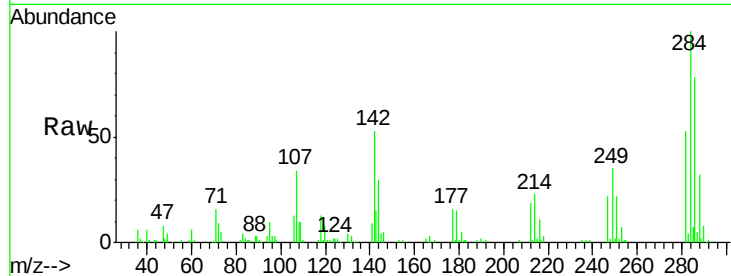
#67  
Hexachlorobenzene  
Concen: 34.14 ng  
RT: 12.18 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

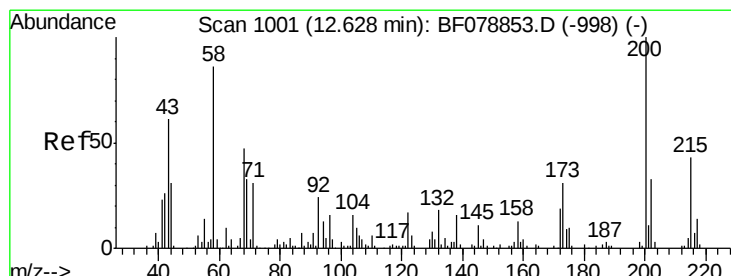
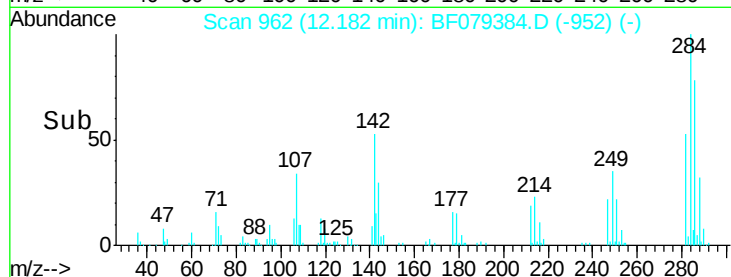
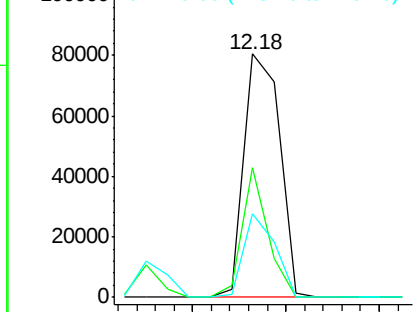
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 106678 |       |       |
| 142     | 53.1  | 43.2   | 64.8  |       |
| 249     | 34.5  | 27.5   | 41.3  |       |

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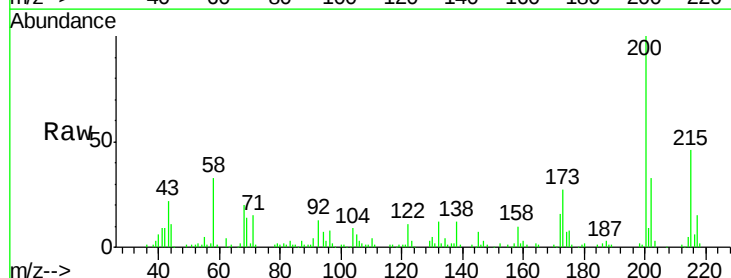


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

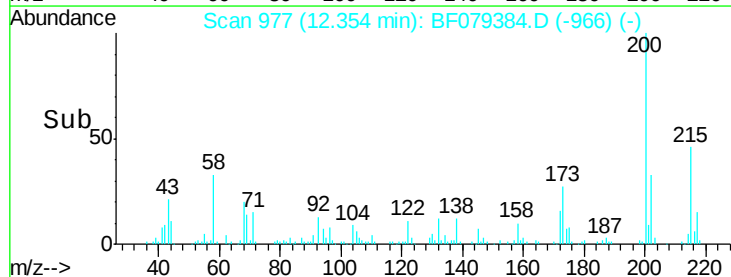
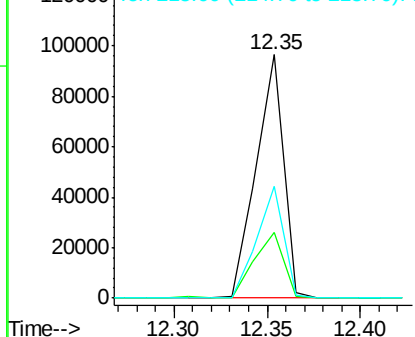


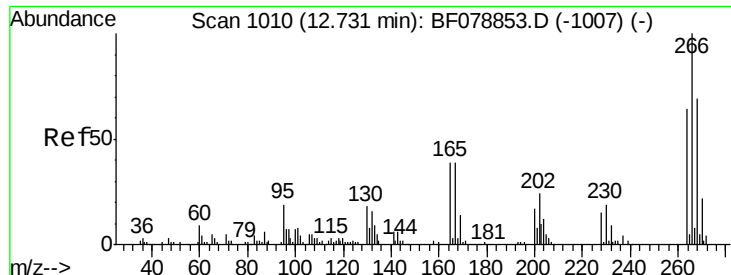
#68  
Atrazine  
Concen: 38.51 ng  
RT: 12.35 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 97834 |       |       |
| 173     | 27.0  | 10.9  | 50.9  |       |
| 215     | 46.1  | 23.2  | 63.2  |       |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





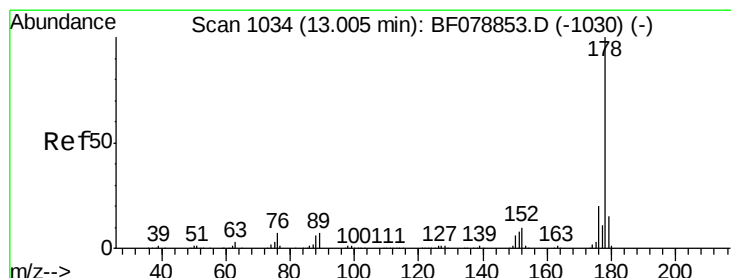
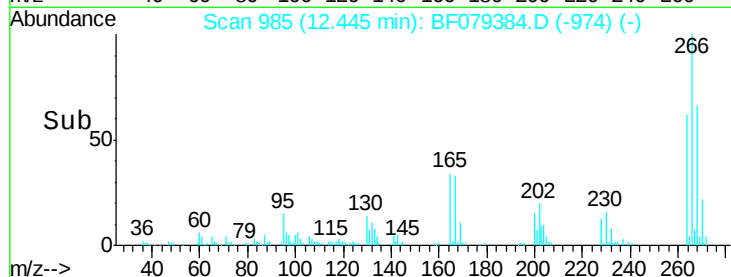
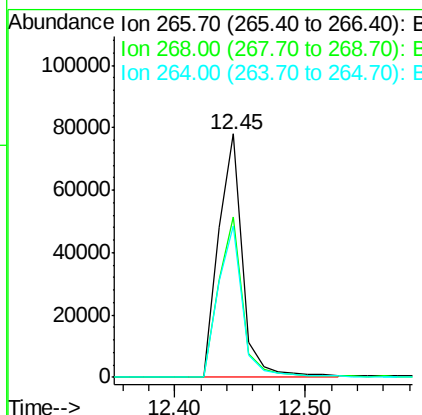
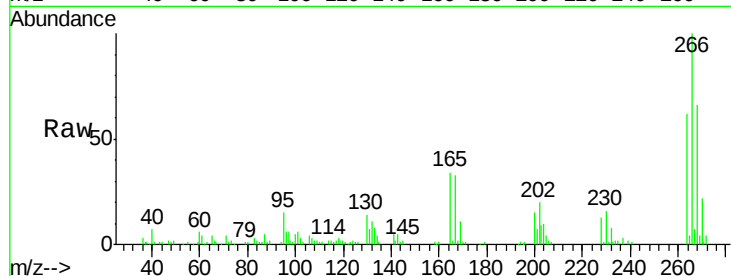
#69  
 Pentachlorophenol  
 Concen: 57.18 ng  
 RT: 12.45 min Scan# 985  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 100643 |       |       |
| 268     | 66.0  |        | 55.0  | 82.6  |
| 264     | 62.0  |        | 50.9  | 76.3  |

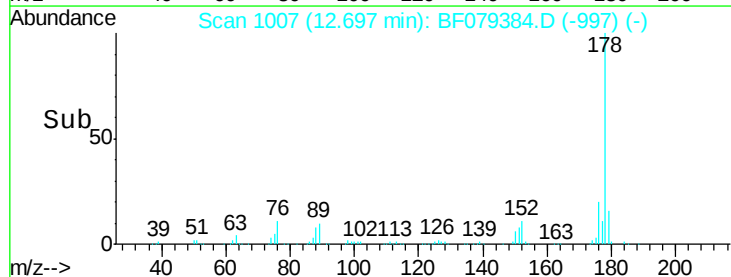
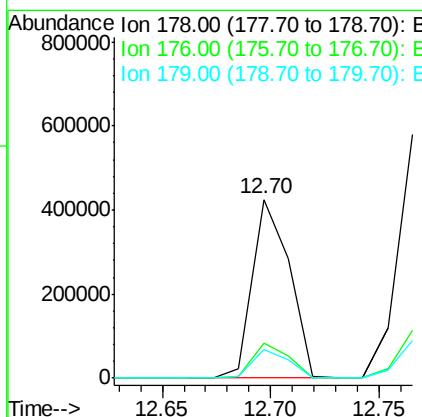
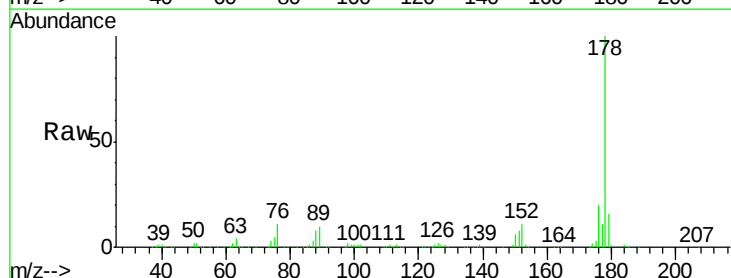
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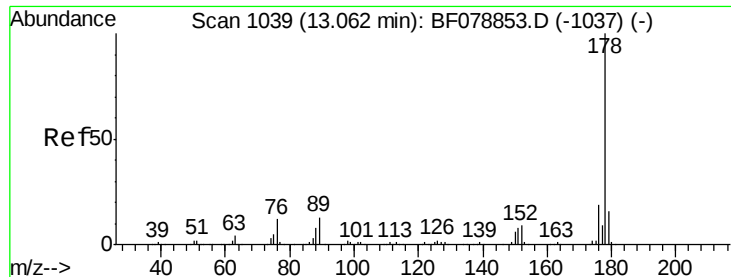
apatel  
 5/21/2015 4:27:44 PM



#70  
 Phenanthrene  
 Concen: 34.52 ng  
 RT: 12.70 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 506620 |       |       |
| 176     | 19.5  |        | 15.9  | 23.9  |
| 179     | 15.9  |        | 12.2  | 18.4  |





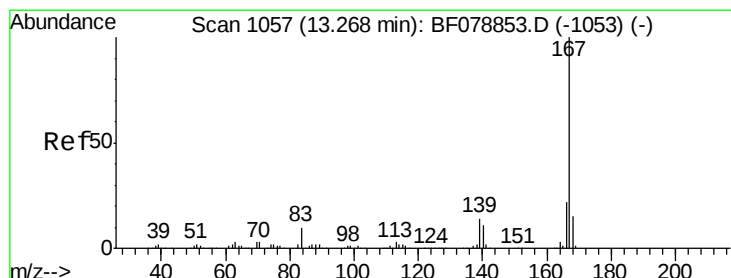
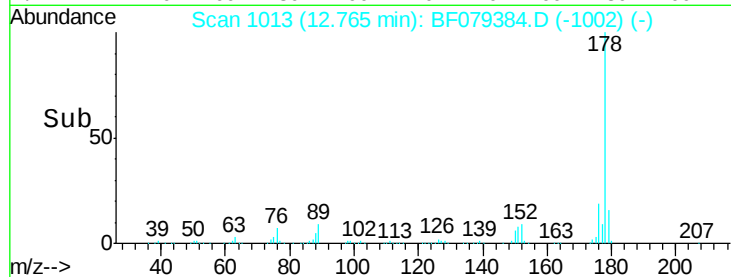
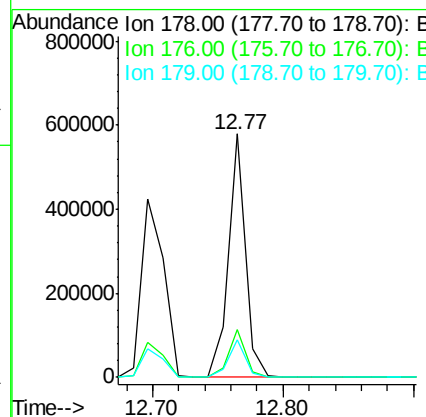
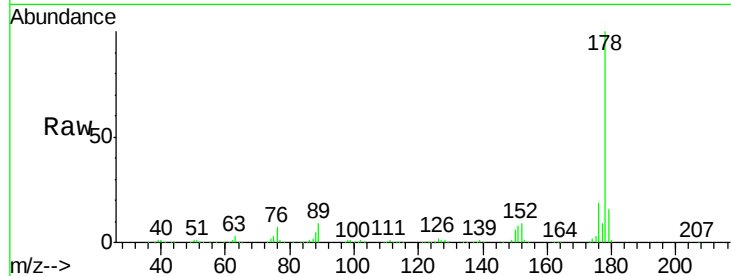
#71  
 Anthracene  
 Concen: 36.74 ng  
 RT: 12.77 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 528959 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.4  | 15.3  | 22.9   |
| 179       | 15.6  | 12.6  | 19.0   |

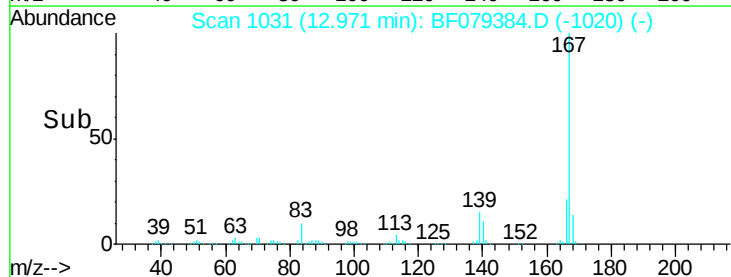
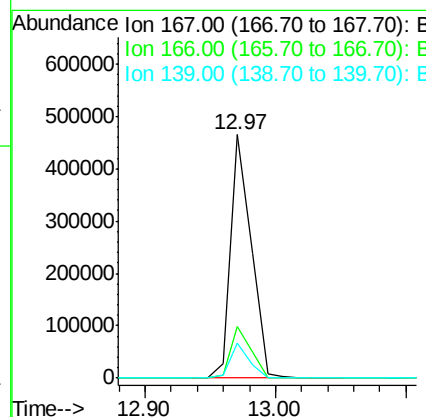
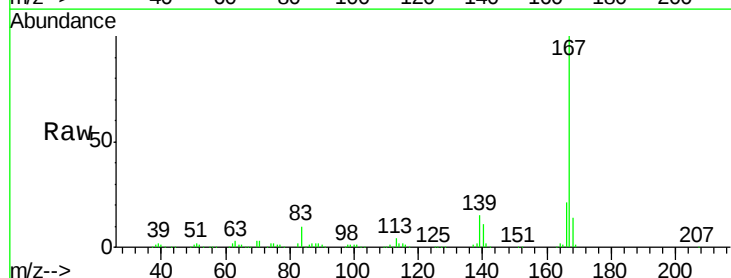
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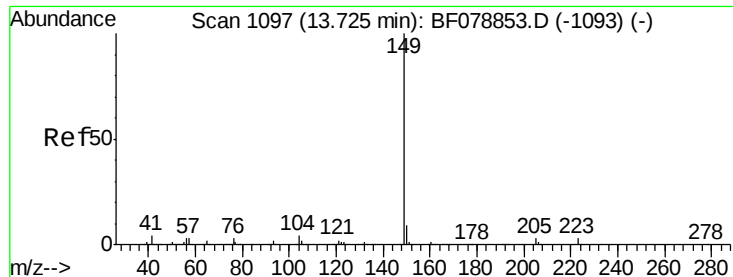
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#72  
 Carbazole  
 Concen: 37.22 ng  
 RT: 12.97 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 510727 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.3  | 17.5  | 26.3   |
| 139       | 14.6  | 11.0  | 16.4   |





#73

Di-n-butylphthalate

Concen: 35.60 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

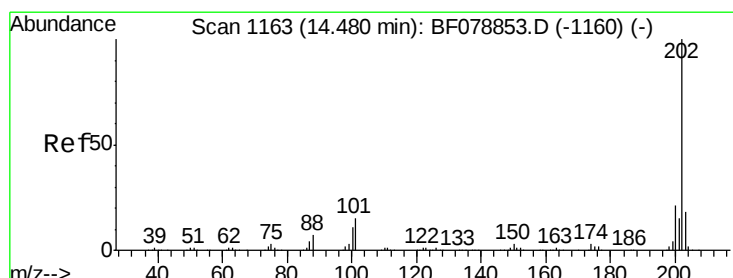
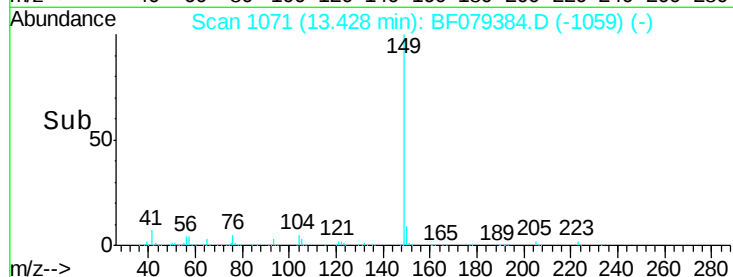
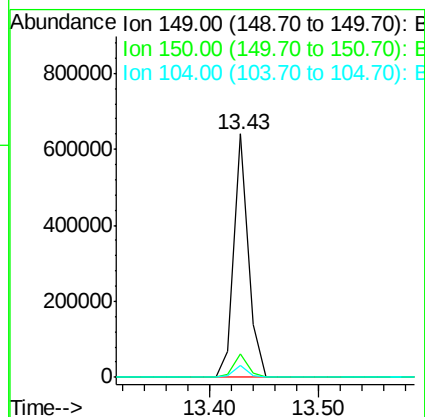
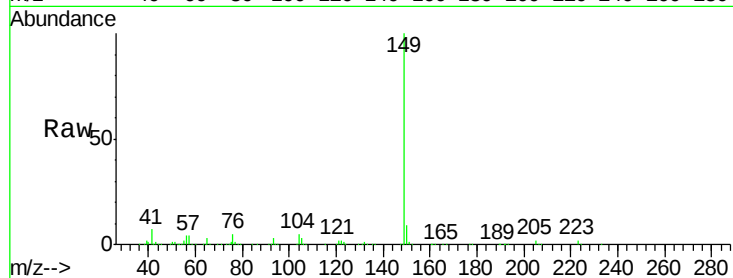
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 585744 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.0   | 10.4   |
| 104       | 4.8   | 3.3   | 4.9    |

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#74

Fluoranthene

Concen: 36.25 ng

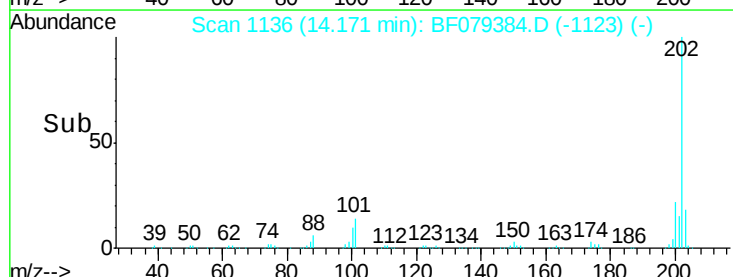
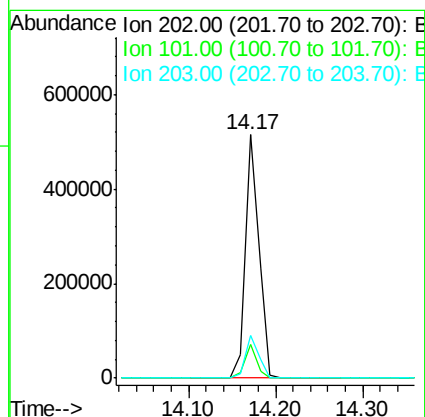
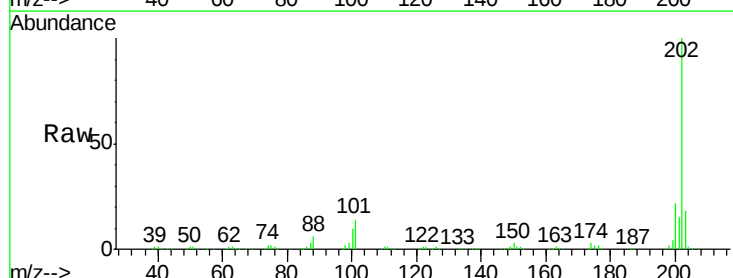
RT: 14.17 min Scan# 1136

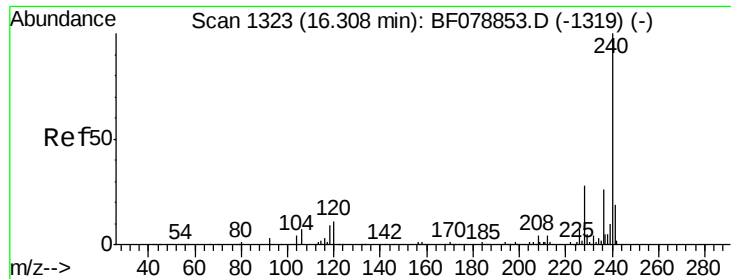
Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 554378 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.8  | 0.0   | 34.7   |
| 203       | 17.5  | 0.0   | 37.9   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

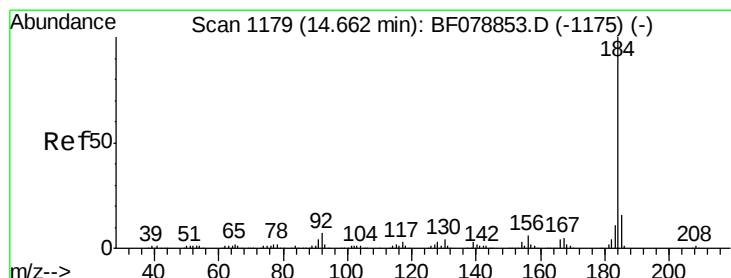
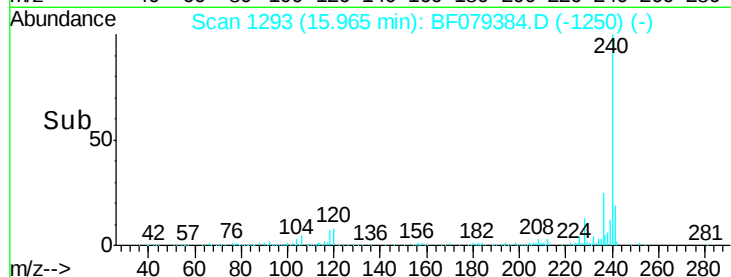
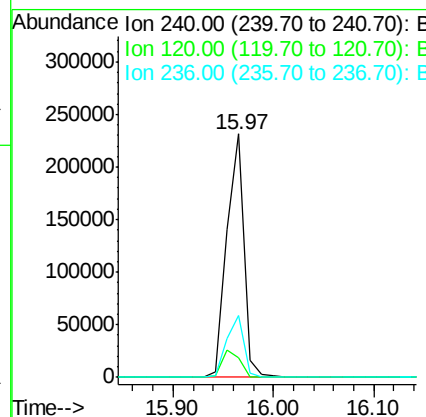
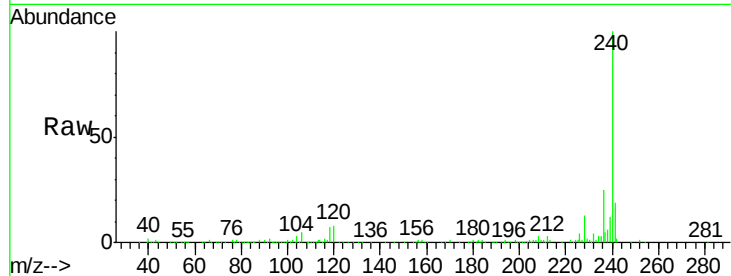
ClientSampleId :

KM-SP-001-150518MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 273470 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 7.9  | 8.6   | 12.8#  |
| 236       | 25.4 | 21.0  | 31.6   |

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#76

Benzidine

Concen: 27.50 ng

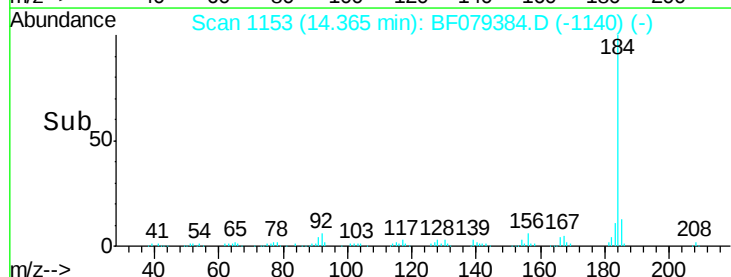
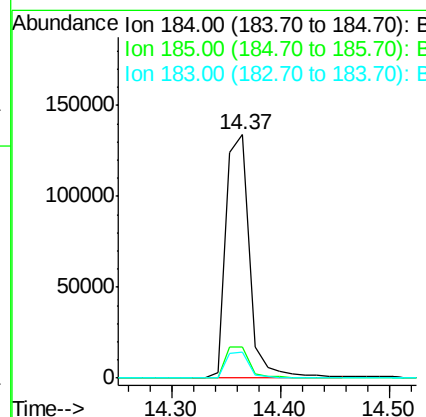
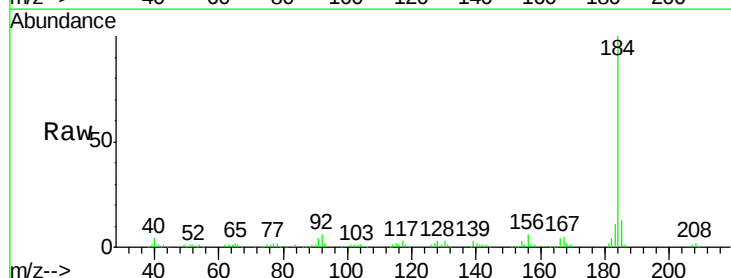
RT: 14.37 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 202654 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 12.9 | 12.8  | 19.2   |
| 183       | 10.6 | 9.0   | 13.4   |





#77

Pvrene

Concen: 37.26 ng

RT: 14.46 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

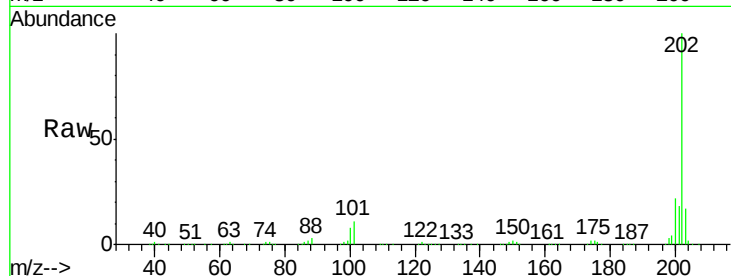
ClientSampleId :

KM-SP-001-150518MS

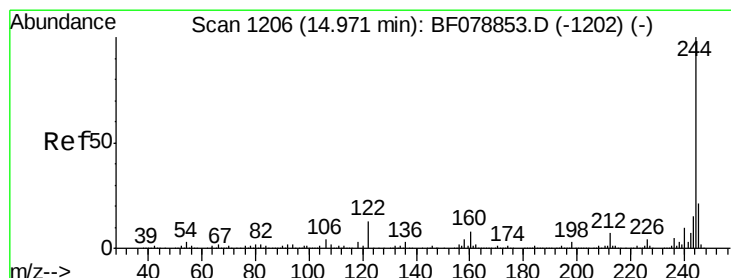
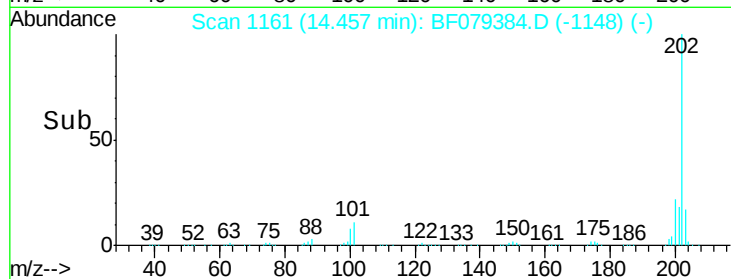
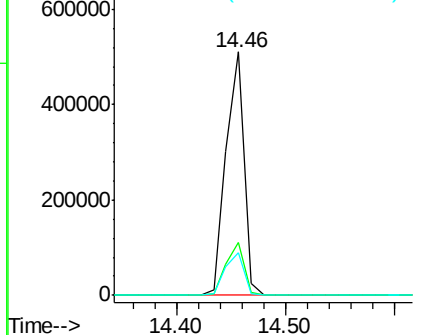
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 587232 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 21.9 | 17.5  | 26.3   |
| 203       | 17.4 | 14.7  | 22.1   |

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



#78

Terphenyl-d14

Concen: 67.11 ng

RT: 14.66 min Scan# 1179

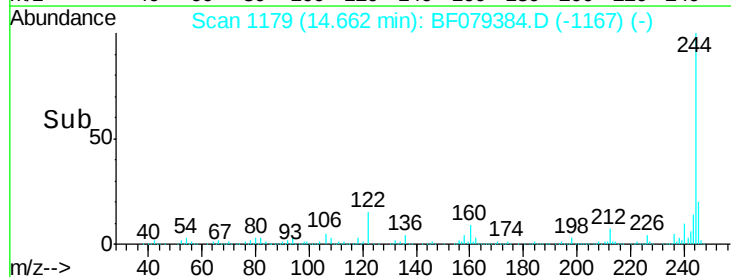
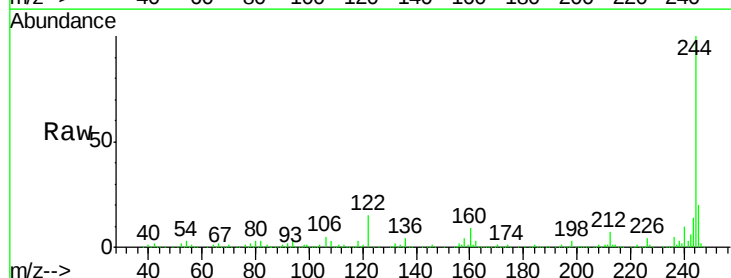
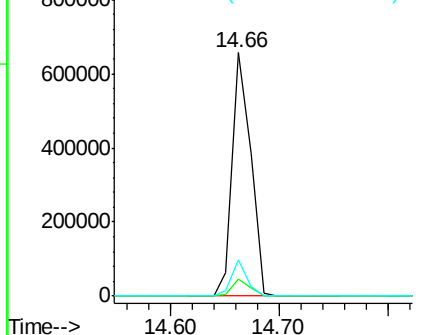
Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 244  | Resp: | 766546 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 7.2  | 5.6   | 8.4    |
| 122       | 15.1 | 10.5  | 15.7   |

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





#79

Butylbenzylphthalate

Concen: 38.90 ng

RT: 15.29 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

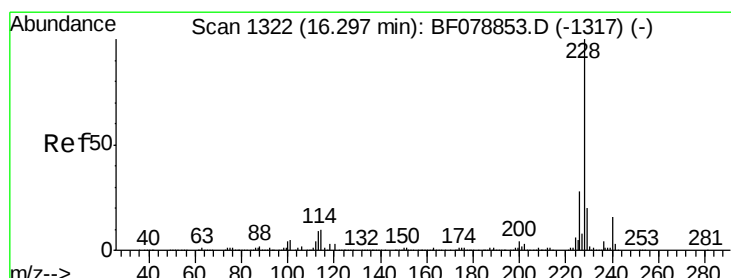
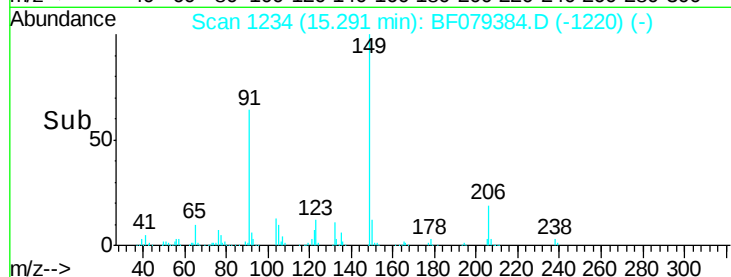
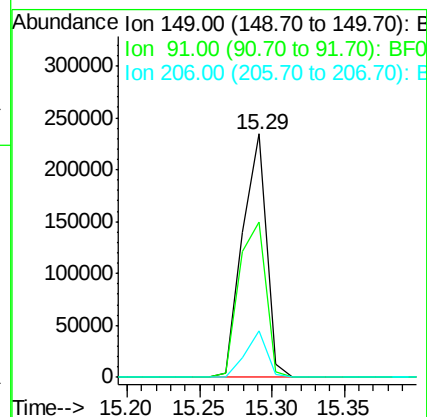
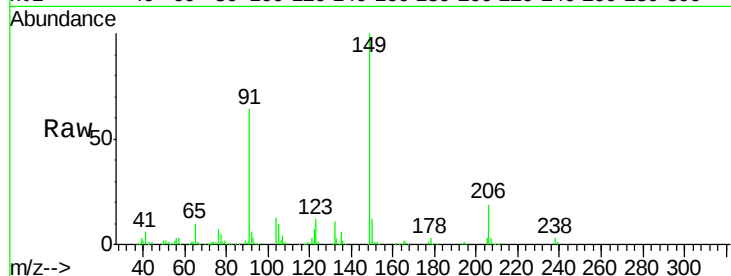
ClientSampleId :

KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 267950 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 64.0  | 56.2  | 84.2   |
| 206       | 19.3  | 15.2  | 22.8   |

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#80

Benzo(a)anthracene

Concen: 37.14 ng

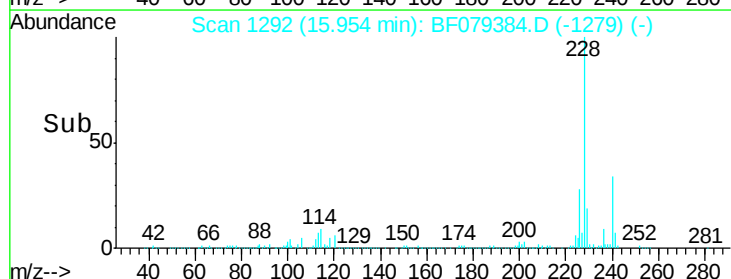
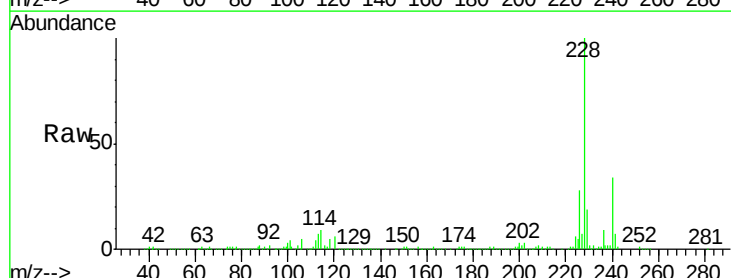
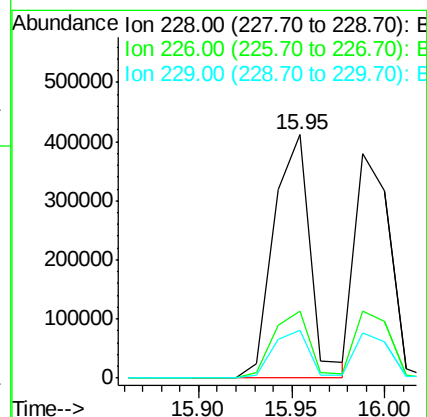
RT: 15.95 min Scan# 1292

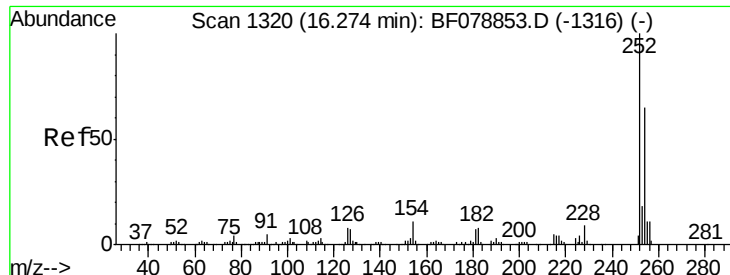
Delta R.T. -0.01 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 556205 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 22.3  | 33.5   |
| 229       | 19.4  | 16.1  | 24.1   |





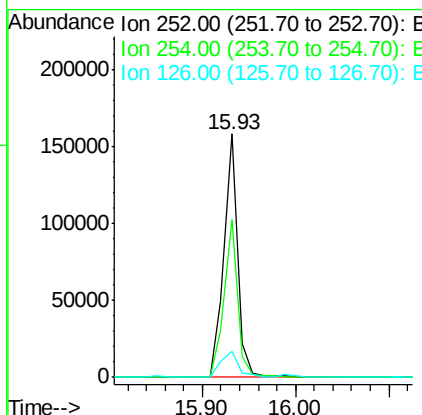
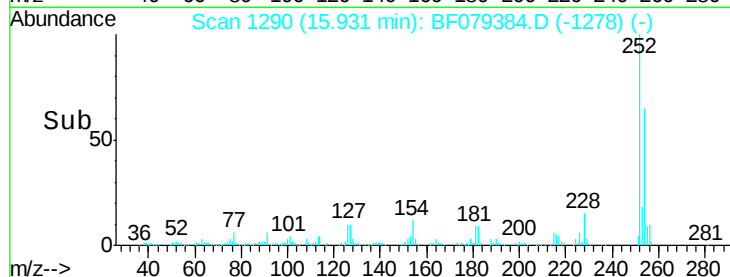
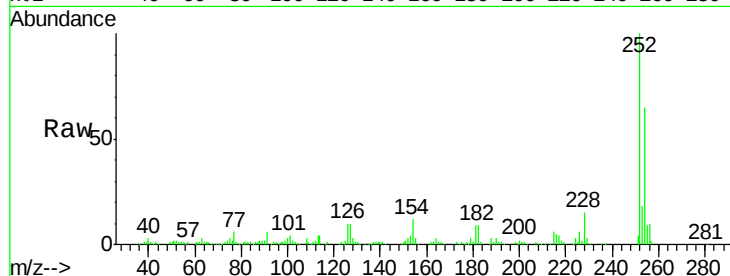
#81  
 3,3'-Dichlorobenzidine  
 Concen: 30.58 ng  
 RT: 15.93 min Scan# 1290  
 Delta R.T. -0.02 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 52.2  | 78.2  |
| 126     | 10.5  | 6.6   | 9.8   |

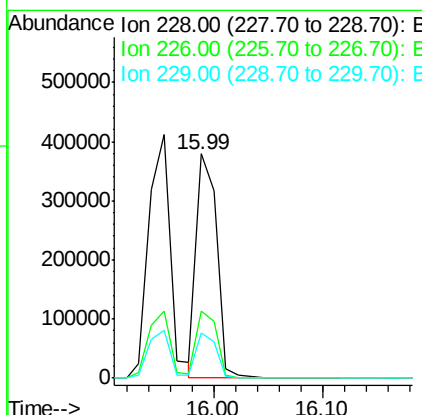
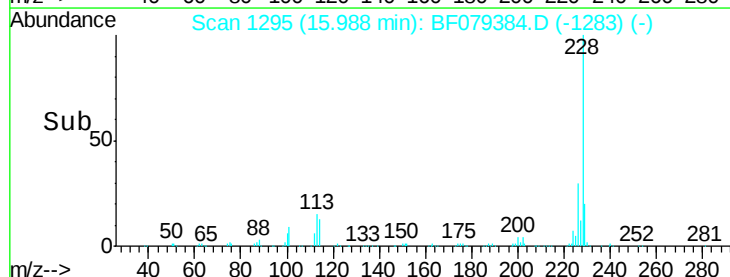
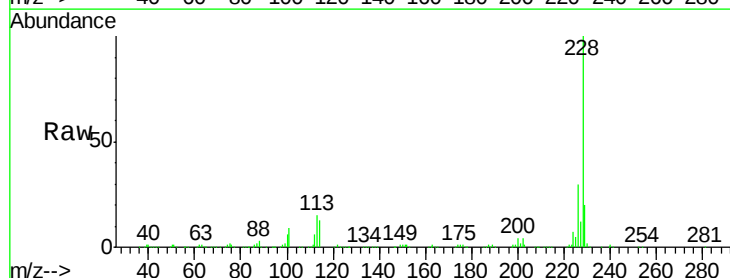
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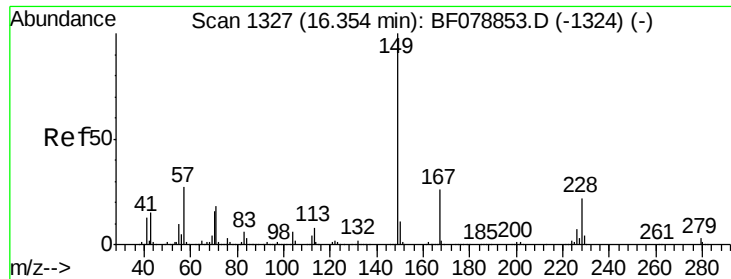
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#82  
 Chrysene  
 Concen: 34.35 ng  
 RT: 15.99 min Scan# 1295  
 Delta R.T. -0.02 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 24.8  | 37.2  |
| 229     | 20.3  | 16.1  | 24.1  |





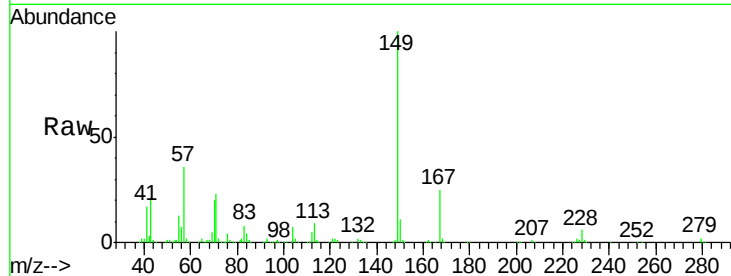
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.49 ng  
 RT: 16.01 min Scan# 1297  
 Delta R.T. -0.03 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

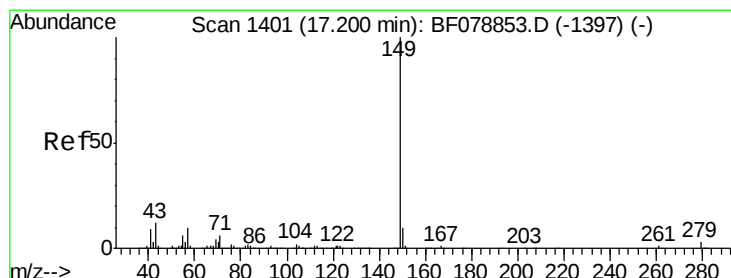
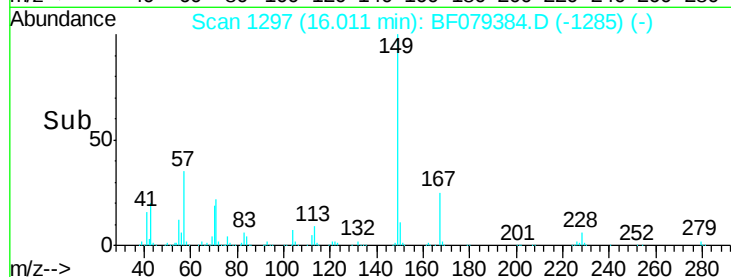
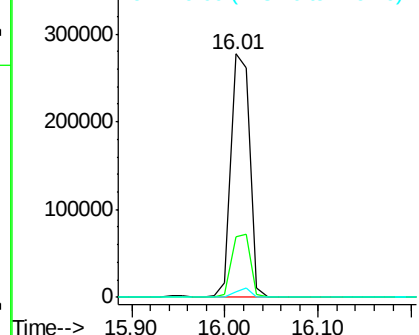
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 391184 |       |       |
| 167     | 24.9  | 21.2   | 31.8  |       |
| 279     | 2.0   | 2.6    | 4.0   |       |

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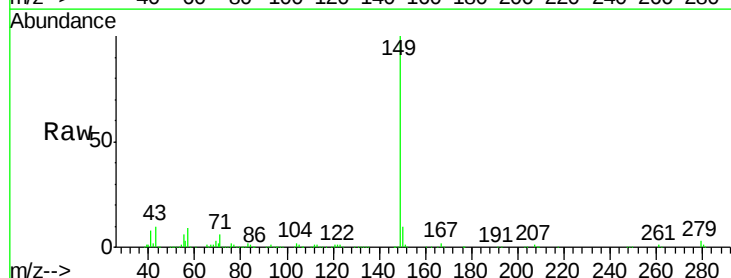


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

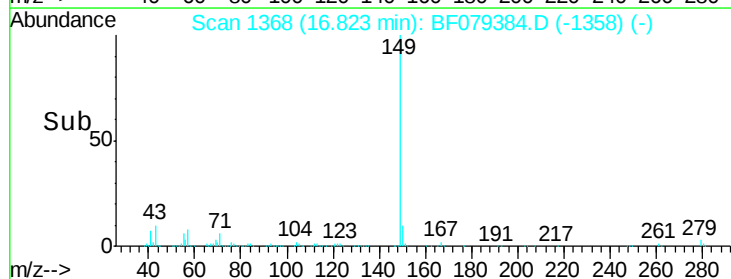
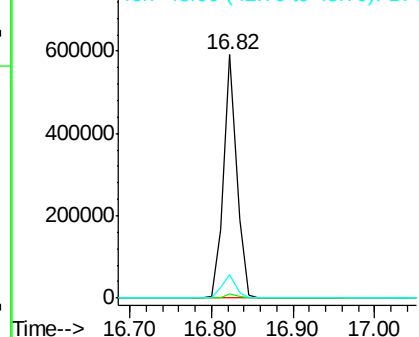


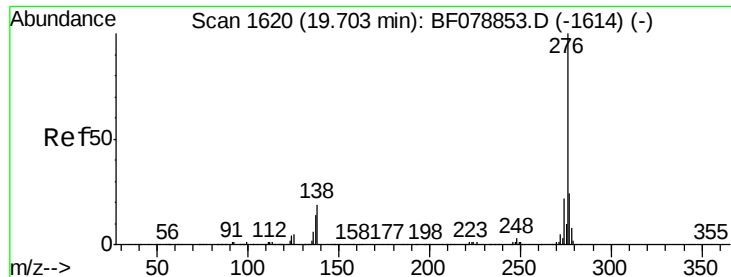
#84  
 Di-n-octyl phthalate  
 Concen: 36.04 ng  
 RT: 16.82 min Scan# 1368  
 Delta R.T. -0.06 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 662276 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 10.0  | 9.0    | 13.6  |       |



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





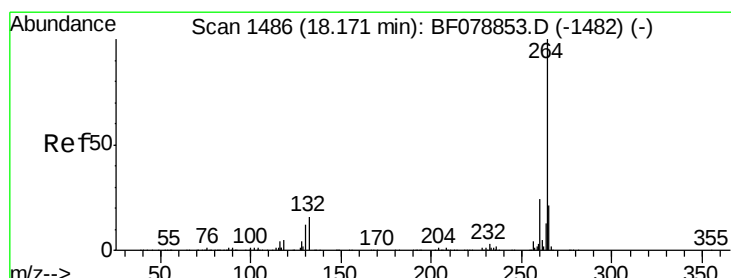
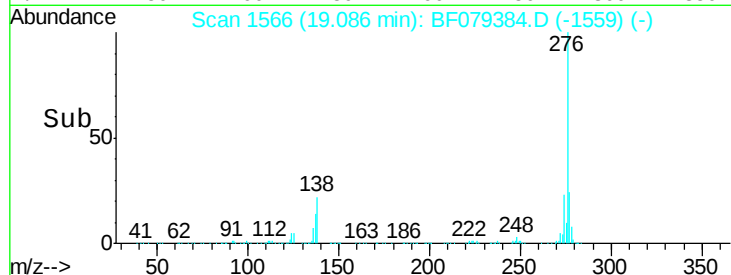
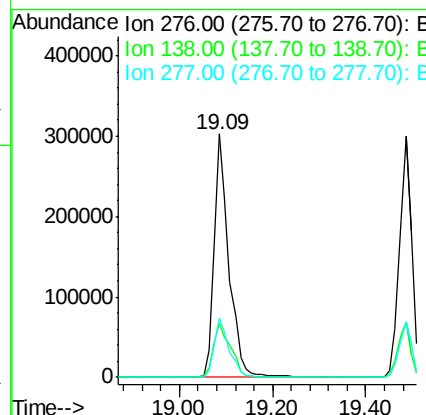
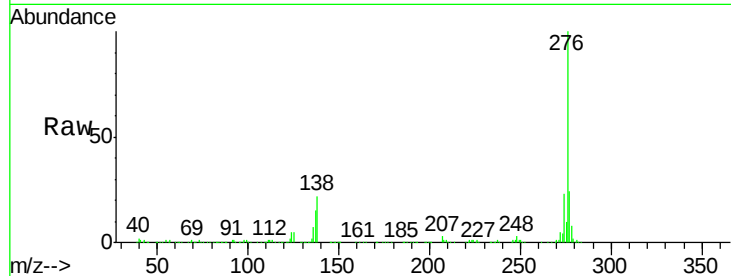
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 36.81 ng  
RT: 19.09 min Scan# 1566  
Delta R.T. -0.13 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 675583 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 25.9  | 21.1  | 31.7   |
| 277       | 24.9  | 19.9  | 29.9   |

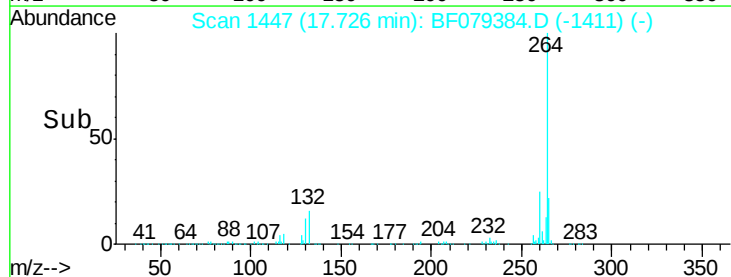
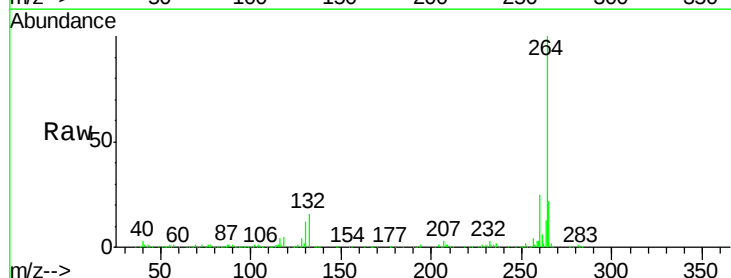
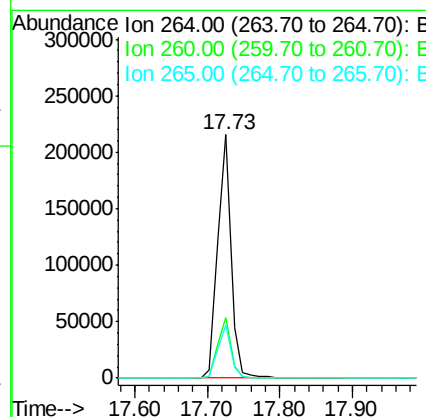
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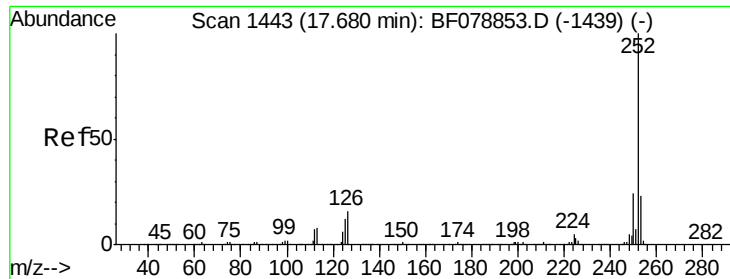
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.73 min Scan# 1447  
Delta R.T. -0.09 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 278816 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.8  | 19.2  | 28.8   |
| 265       | 21.9  | 17.2  | 25.8   |





#87

Benzo(b)fluoranthene

Concen: 42.97 ng

RT: 17.27 min Scan# 1407

Delta R.T. -0.07 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

Instrument :

BNA\_F

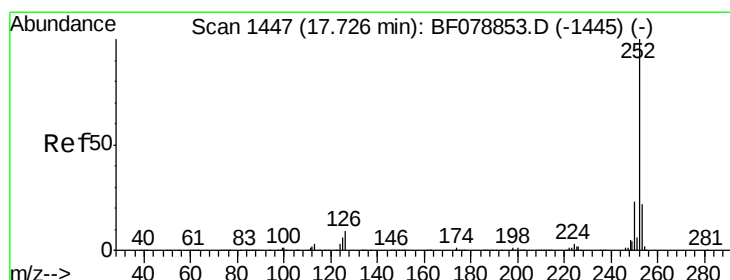
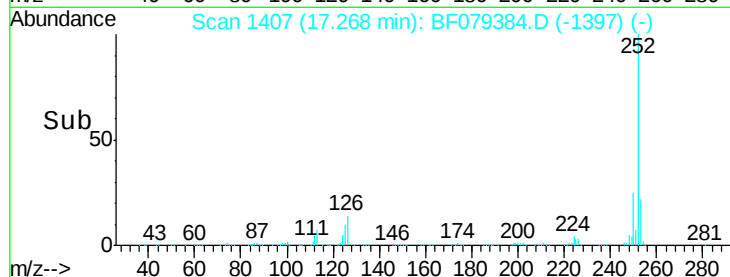
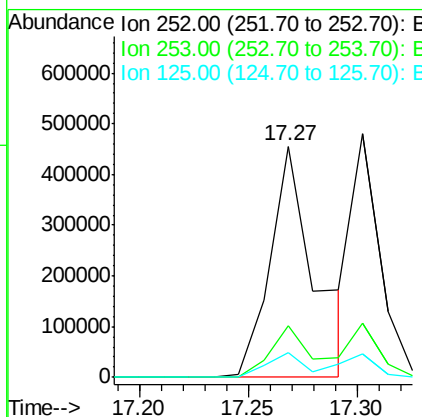
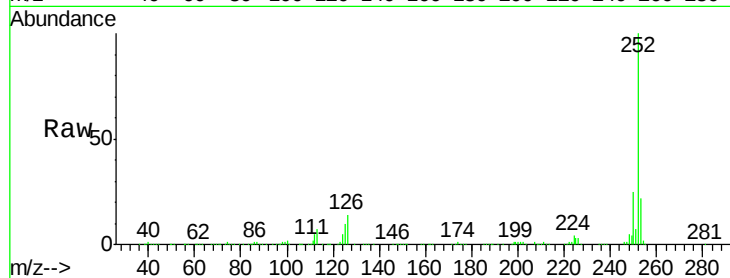
ClientSampleId :

KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.1  | 27.1  |
| 125     | 10.4  | 9.4   | 14.2  |

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#88

Benzo(k)fluoranthene

Concen: 29.65 ng m

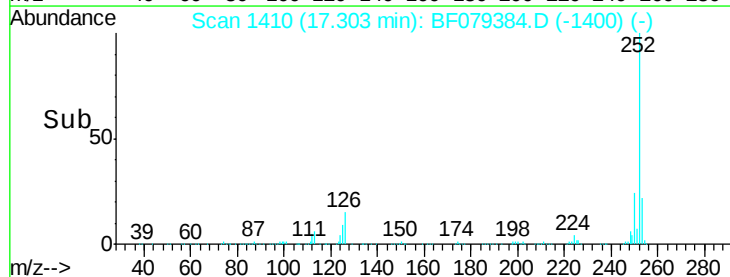
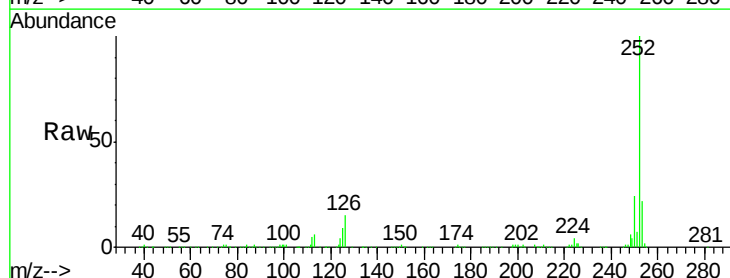
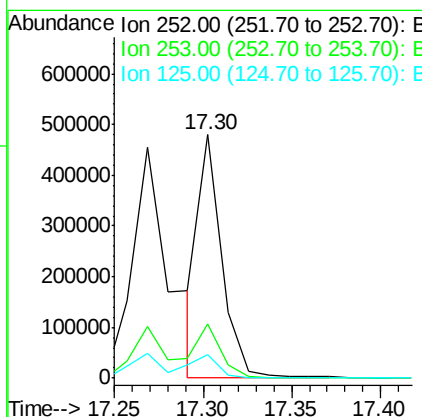
RT: 17.30 min Scan# 1410

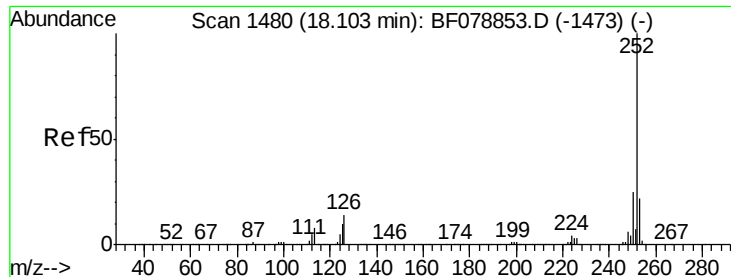
Delta R.T. -0.07 min

Lab File: BF079384.D

Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.0  |
| 125     | 9.4   | 6.1   | 9.1#  |





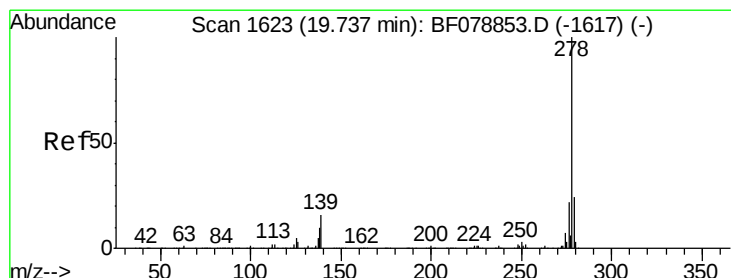
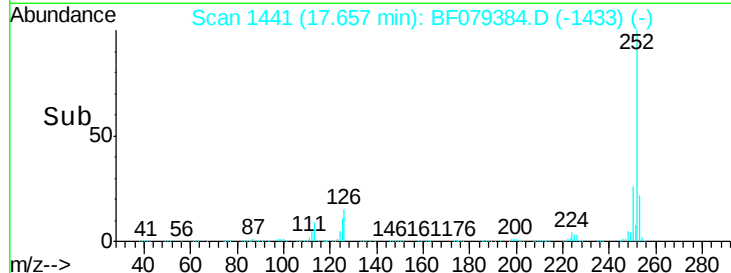
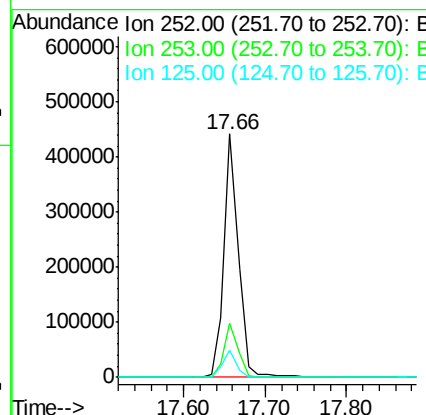
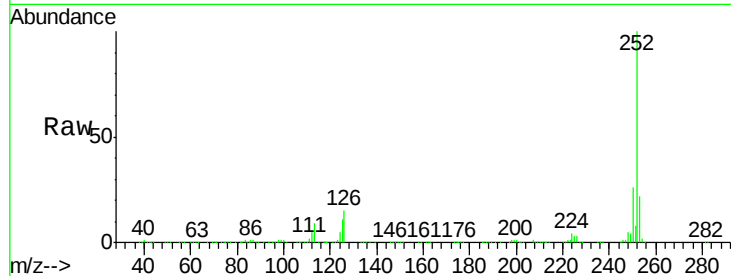
#89  
Benzo(a)pyrene  
Concen: 38.51 ng  
RT: 17.66 min Scan# 1441  
Delta R.T. -0.09 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

Instrument :  
BNA\_F  
ClientSampleId :  
KM-SP-001-150518MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.0  | 27.0  |
| 125     | 11.4  | 8.2   | 12.2  |

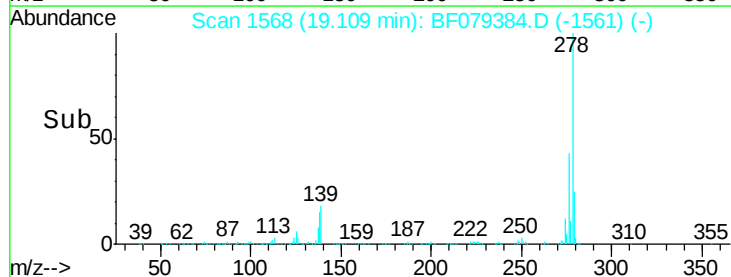
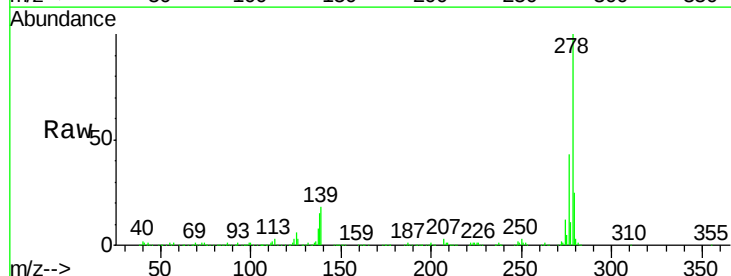
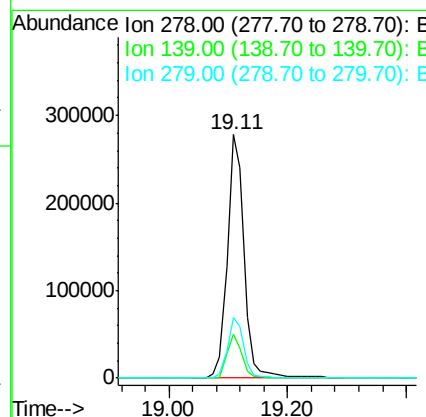
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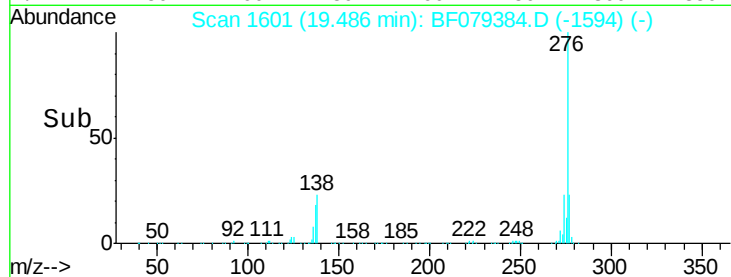
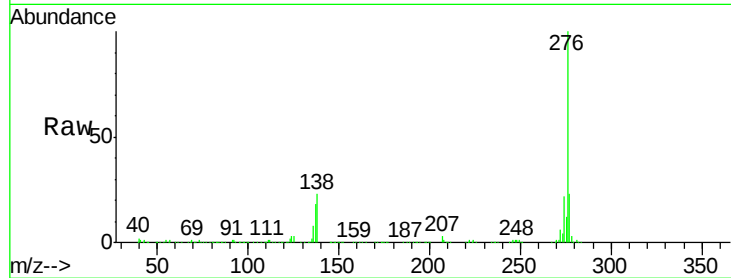
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#90  
Dibenzo(a,h)anthracene  
Concen: 36.67 ng  
RT: 19.11 min Scan# 1568  
Delta R.T. -0.13 min  
Lab File: BF079384.D  
Acq: 20 May 2015 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.3  | 13.1  | 19.7  |
| 279     | 24.6  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.55 ng  
 RT: 19.49 min Scan# 1601  
 Delta R.T. -0.13 min  
 Lab File: BF079384.D  
 Acq: 20 May 2015 18:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KM-SP-001-150518MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.0  | 18.8       | 28.2  |
| 138     | 22.9  | 15.2       | 22.8  |

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