

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\  
 Data File : BF079444.D  
 Acq On : 22 May 2015 20:28  
 Operator : TP/IZ  
 Sample : G2361-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

Manual Integrations  
 APPROVED

apatel  
 5/27/2015 8:16:18 AM

Quant Time: May 23 00:06:25 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 22 22:53:44 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.05  | 152  | 72684    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.63  | 136  | 287526   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.80 | 164  | 141910   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.63 | 188  | 263517   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 15.92 | 240  | 252413   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 17.68 | 264  | 256977   | 20.00 | ng    | -0.17    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 540897m | 128.10 | ng | 0.01 |
| 7) Phenol-d6             | 6.63  | 99  | 691497  | 123.89 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.75  | 82  | 396004  | 79.16  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.78 | 330 | 208984  | 136.13 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.98  | 172 | 786298  | 77.20  | ng | 0.00 |
| 78) Terphenyl-d14        | 14.63 | 244 | 839687  | 79.64  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.92 | 88  | 63635m  | 34.66 | ng |        |
| 3) Pyridine                    | 2.59 | 79  | 146585m | 27.28 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.51 | 42  | 79648m  | 34.60 | ng |        |
| 6) Aniline                     | 6.64 | 93  | 204291m | 25.93 | ng |        |
| 8) 2-Chlorophenol              | 6.79 | 128 | 198750  | 41.50 | ng | 83     |
| 9) Benzaldehyde                | 6.50 | 77  | 35224m  | 9.37  | ng |        |
| 10) Phenol                     | 6.65 | 94  | 263198  | 40.65 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.75 | 93  | 182827  | 38.52 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.97 | 146 | 210139  | 39.04 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 7.07 | 146 | 215489  | 38.90 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.26 | 146 | 207007  | 40.14 | ng | 97     |
| 15) Benzyl Alcohol             | 7.24 | 79  | 167545m | 40.44 | ng |        |
| 16) 2,2'-oxybis(1-Chloropropan | 7.42 | 45  | 266307  | 36.67 | ng | 95     |
| 17) 2-Methylphenol             | 7.39 | 107 | 157855  | 40.96 | ng | # 93   |
| 18) Hexachloroethane           | 7.67 | 117 | 74647   | 39.12 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.58 | 70  | 144140  | 38.24 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.59 | 107 | 217101  | 42.28 | ng | # 47   |
| 22) Acetophenone               | 7.56 | 105 | 278166  | 42.82 | ng | # 89   |
| 24) Nitrobenzene               | 7.77 | 77  | 206681  | 41.68 | ng | # 91   |
| 25) Isophorone                 | 8.07 | 82  | 378490  | 40.81 | ng | # 90   |
| 26) 2-Nitrophenol              | 8.17 | 139 | 97017   | 47.27 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 8.24 | 122 | 188108  | 45.80 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 8.35 | 93  | 234130  | 40.95 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 8.47 | 162 | 174893  | 47.89 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.56 | 180 | 166904  | 41.60 | ng | 98     |
| 31) Naphthalene                | 8.65 | 128 | 575375  | 42.00 | ng | 100    |
| 32) Benzoic acid               | 8.38 | 122 | 99556m  | 39.92 | ng |        |
| 33) 4-Chloroaniline            | 8.74 | 127 | 157300  | 27.13 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.81 | 225 | 92971   | 40.24 | ng | 98     |
| 35) Caprolactam                | 9.16 | 113 | 52010m  | 44.04 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 9.36 | 107 | 173909  | 45.33 | ng | 98     |
| 37) 2-Methylnaphthalene        | 9.51 | 142 | 402930  | 42.44 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.72 | 216 | 161572  | 40.43 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.70 | 237 | 104498  | 52.00 | ng | 95     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

Manual Integrations  
 APPROVED

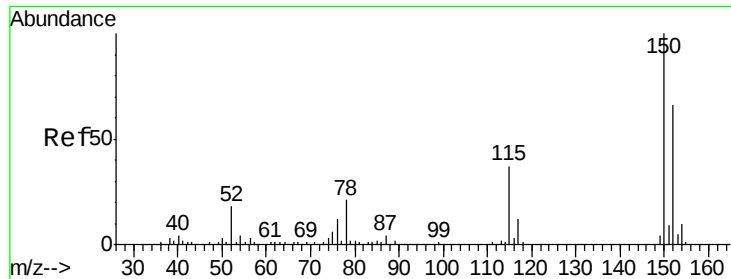
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 5/27/2015 8:16:18 AM

Quant Time: May 23 00:06:25 2015  
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 QLast Update : Fri May 22 22:53:44 2015  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.87  | 196  | 116022   | 42.23 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.92  | 196  | 118693   | 42.73 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 10.09 | 154  | 469927   | 41.65 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 10.11 | 162  | 366471   | 41.65 | nq    | 96       |
| 47) 2-Nitroaniline             | 10.25 | 65   | 108420   | 42.52 | nq    | # 86     |
| 48) Acenaphthylene             | 10.63 | 152  | 600645   | 41.57 | nq    | 97       |
| 49) Dimethylphthalate          | 10.49 | 163  | 492738   | 47.31 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 10.56 | 165  | 87443    | 42.54 | nq    | # 47     |
| 51) Acenaphthene               | 10.83 | 154  | 344053   | 39.93 | nq    | 100      |
| 52) 3-Nitroaniline             | 10.76 | 138  | 90839    | 35.38 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 10.91 | 184  | 49523    | 65.18 | nq    | # 56     |
| 54) Dibenzofuran               | 11.05 | 168  | 526035   | 42.27 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.99 | 139  | 135453   | 66.65 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 11.06 | 165  | 122269   | 45.00 | nq    | 95       |
| 57) Fluorene                   | 11.47 | 166  | 427953   | 41.89 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.21 | 232  | 94997    | 41.85 | nq    | 98       |
| 59) Diethylphthalate           | 11.36 | 149  | 426554   | 41.34 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.48 | 204  | 183151   | 40.42 | nq    | 94       |
| 61) 4-Nitroaniline             | 11.52 | 138  | 102851   | 40.04 | nq    | 97       |
| 62) Azobenzene                 | 11.68 | 77   | 421099   | 41.42 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.56 | 198  | 46233    | 43.69 | nq    | 78       |
| 65) n-Nitrosodiphenylamine     | 11.63 | 169  | 359568   | 40.97 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.09 | 248  | 118352   | 43.09 | nq    | 93       |
| 67) Hexachlorobenzene          | 12.15 | 284  | 132625   | 42.25 | nq    | # 82     |
| 68) Atrazine                   | 12.32 | 200  | 116907   | 45.81 | nq    | 96       |
| 69) Pentachlorophenol          | 12.41 | 266  | 112989   | 63.10 | nq    | 98       |
| 70) Phenanthrene               | 12.66 | 178  | 605213   | 41.05 | nq    | 99       |
| 71) Anthracene                 | 12.73 | 178  | 623951   | 43.14 | nq    | 99       |
| 72) Carbazole                  | 12.94 | 167  | 591877   | 42.94 | nq    | 100      |
| 73) Di-n-butylphthalate        | 13.39 | 149  | 705777   | 42.69 | nq    | 98       |
| 74) Fluoranthene               | 14.14 | 202  | 651328   | 42.40 | nq    | 96       |
| 76) Benzidine                  | 14.32 | 184  | 248767   | 36.57 | nq    | 97       |
| 77) Pyrene                     | 14.41 | 202  | 663293   | 45.60 | nq    | 100      |
| 79) Butylbenzylphthalate       | 15.25 | 149  | 296214   | 46.59 | nq    | 92       |
| 80) Benzo(a)anthracene         | 15.91 | 228  | 598577   | 43.30 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 15.89 | 252  | 202630   | 41.16 | nq    | # 95     |
| 82) Chrysene                   | 15.95 | 228  | 566924   | 42.64 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 15.98 | 149  | 438924   | 45.58 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 16.79 | 149  | 746146   | 43.99 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.04 | 276  | 689318   | 40.69 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 17.22 | 252  | 615783   | 43.78 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 17.26 | 252  | 568972m  | 41.78 | nq    |          |
| 89) Benzo(a)pyrene             | 17.62 | 252  | 580429   | 44.82 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 19.06 | 278  | 577393   | 41.95 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 19.43 | 276  | 593147   | 42.99 | nq    | 97       |

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

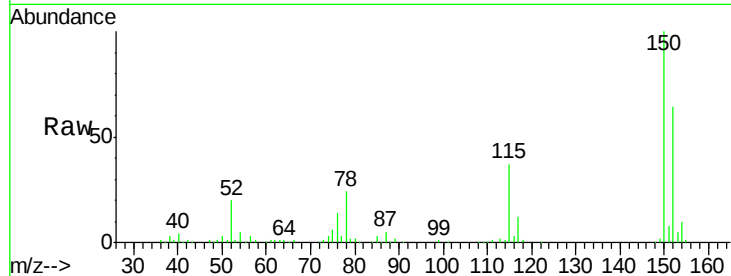




#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.05 min Scan# 513  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

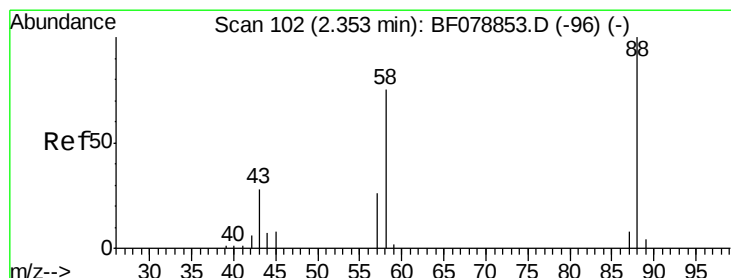
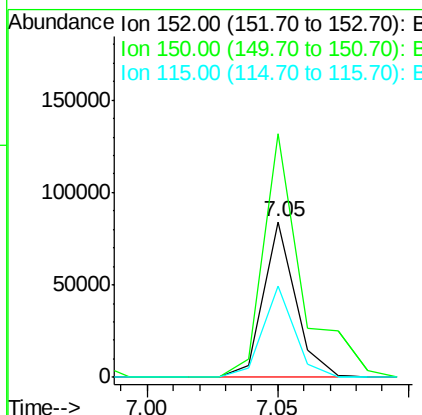
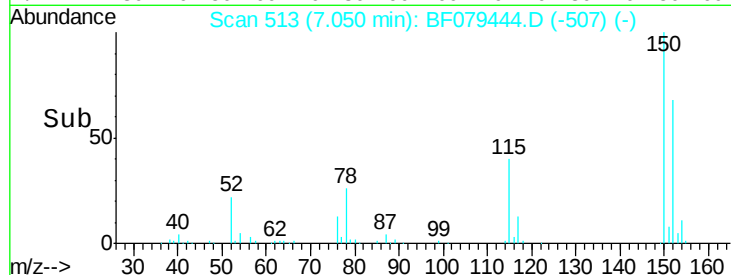
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD



| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.5 | 123.8 | 185.8 |
| 115     | 58.5  | 49.4  | 74.0  |

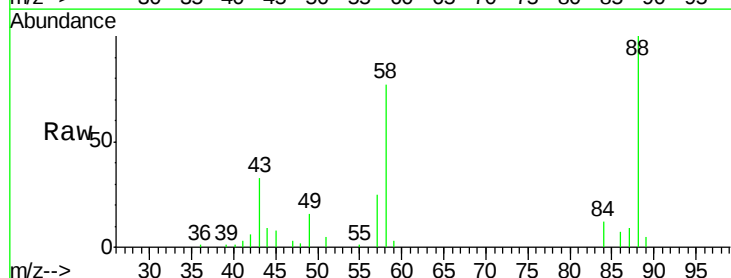
Manual Integrations  
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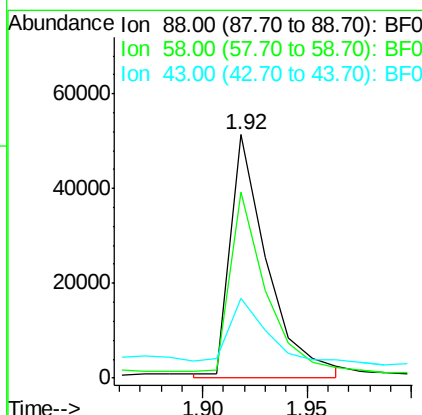
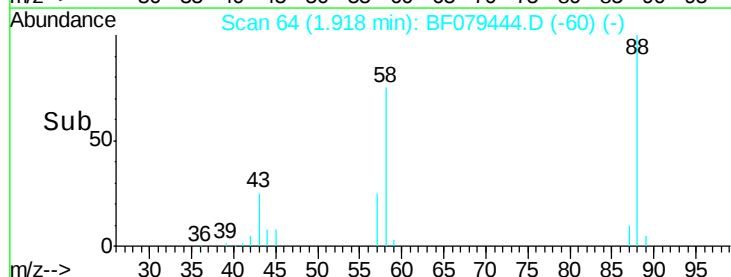


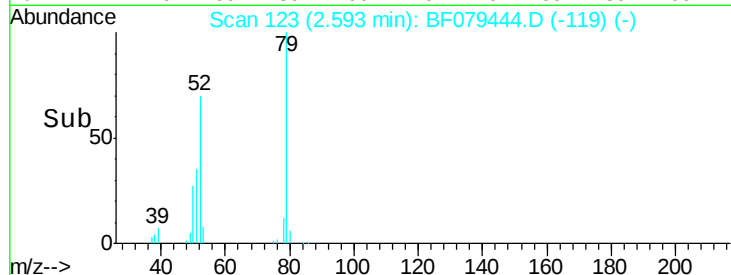
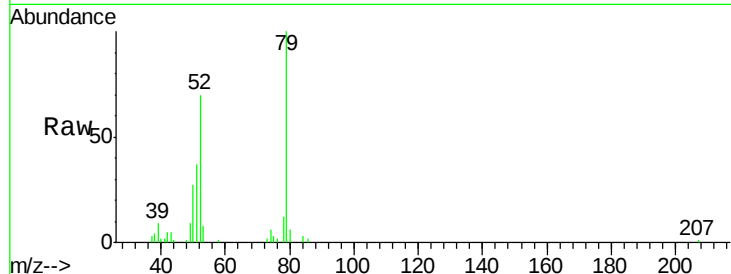
#2

1,4-Dioxane  
Concen: 34.66 ng m  
RT: 1.92 min Scan# 64  
Delta R.T. 0.02 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28



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





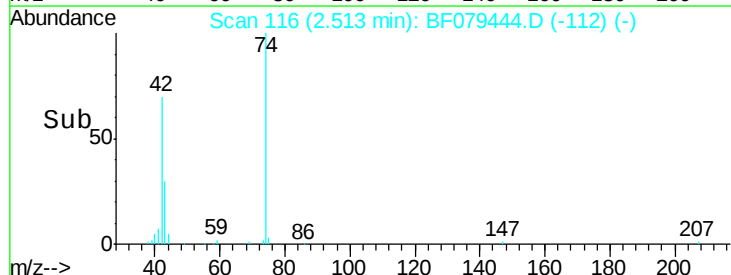
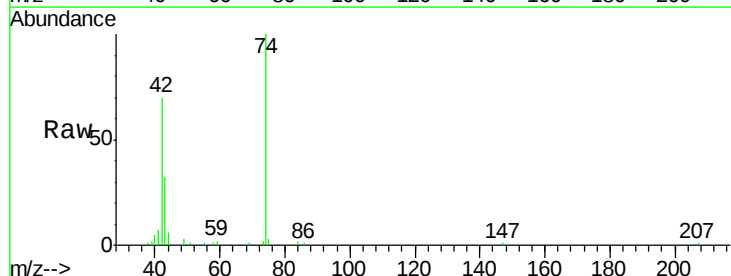
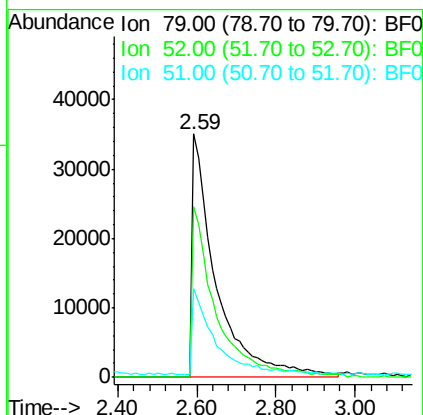
#3  
 Pvridine  
 Concen: 27.28 ng m  
 RT: 2.59 min Scan# 123  
 Delta R.T. 0.02 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 146585 |       |       |
| 52      | 52  | 70.1  |        | 57.6  | 86.4  |
| 51      | 51  | 36.6  |        | 28.7  | 43.1  |

Instrument :  
 BNA\_F  
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 FK-BPM-02-G1-G2-G3-G4MSD

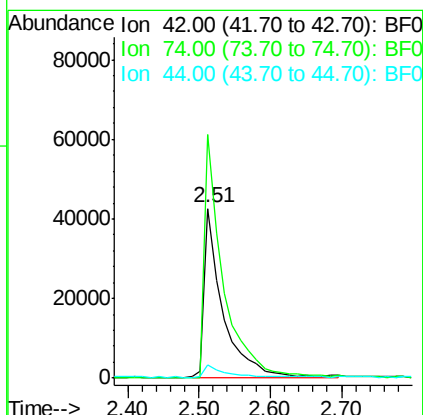
Manual Integrations  
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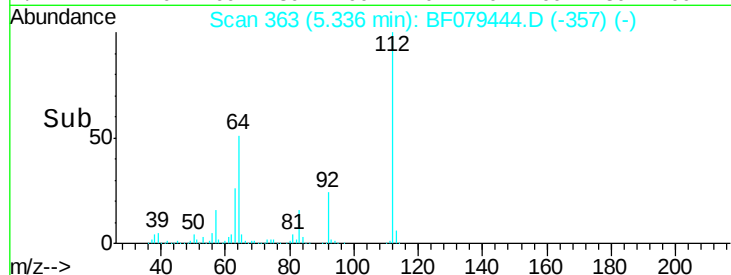
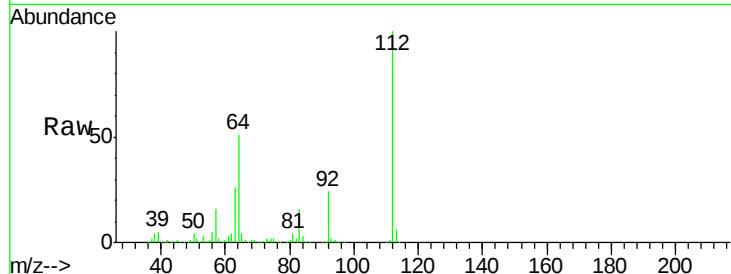
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 5/27/2015 8:16:18 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 34.60 ng m  
 RT: 2.51 min Scan# 116  
 Delta R.T. 0.02 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 42      | 42  | 100   | 79648 |       |       |
| 74      | 74  | 143.3 |       | 104.4 | 156.6 |
| 44      | 44  | 8.0   |       | 6.2   | 9.2   |





#5

2-Fluorophenol

Concen: 128.10 ng m

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 540897 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 51.1  | 44.2  | 66.2   |
| 63        | 25.6  | 22.7  | 34.1   |

Instrument :

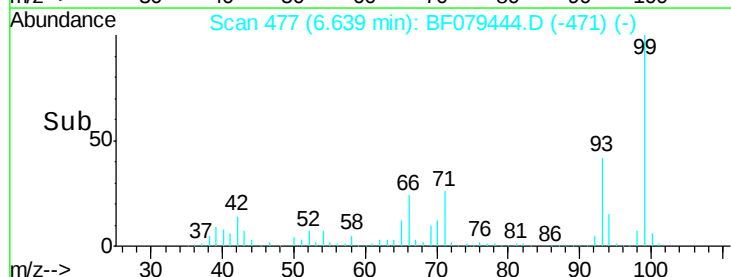
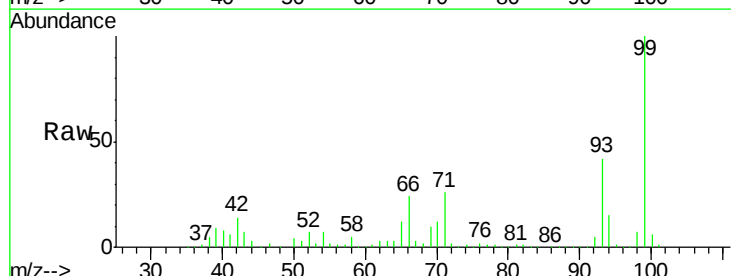
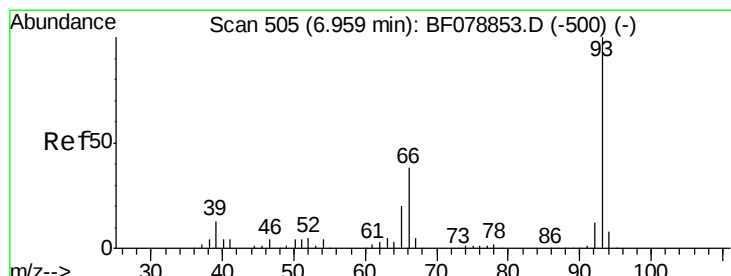
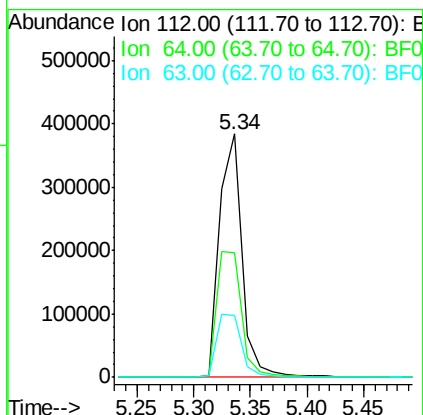
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ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

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#6

Aniline

Concen: 25.93 ng m

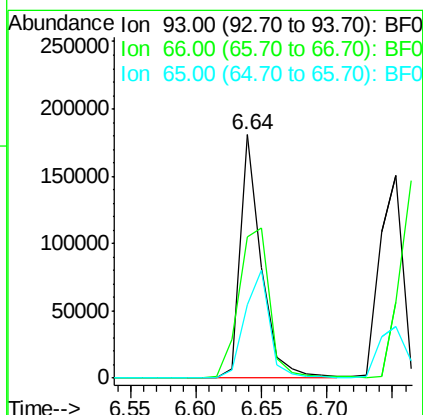
RT: 6.64 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 204291 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 58.0  | 30.7  | 46.1#  |
| 65        | 29.9  | 15.8  | 23.8#  |





#7

Phenol-d6

Concen: 123.89 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

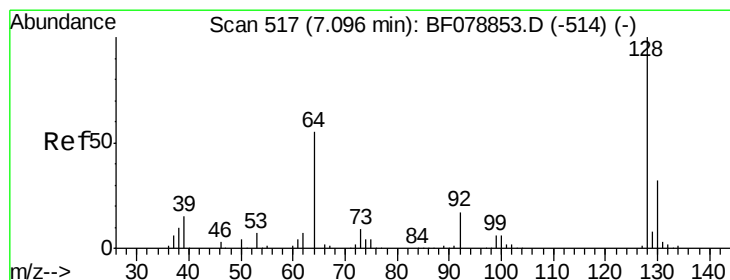
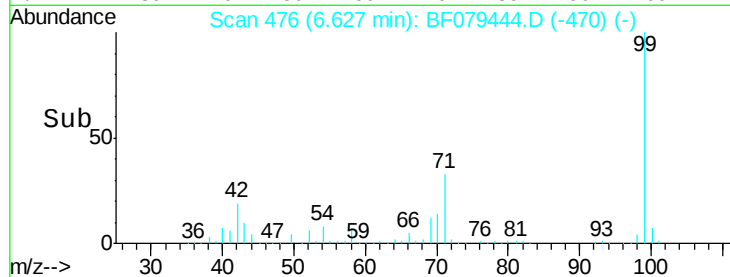
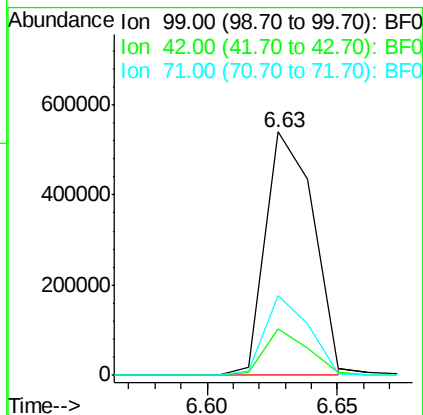
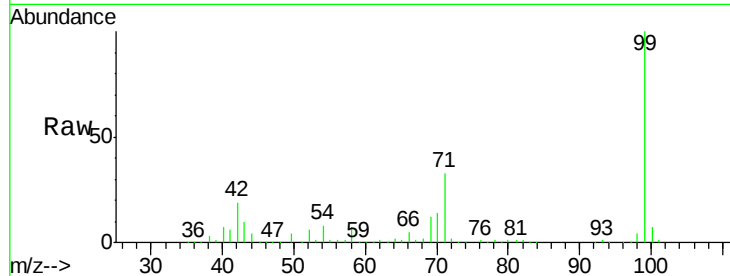
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 691497 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.2  | 17.1  | 25.7   |
| 71        | 32.5  | 26.3  | 39.5   |

Manual Integrations  
APPROVED

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5/27/2015 8:16:18 AM



#8

2-Chlorophenol

Concen: 41.50 ng

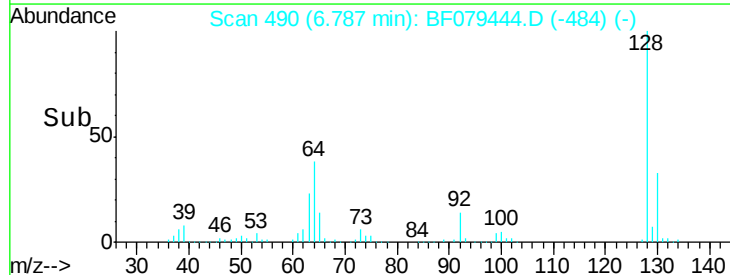
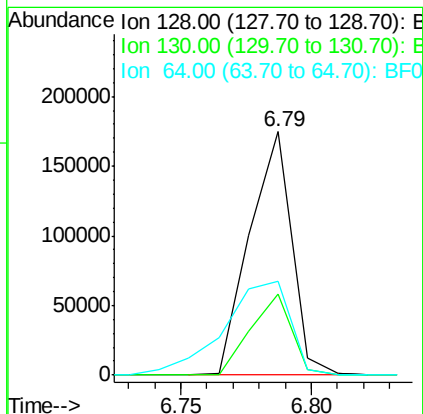
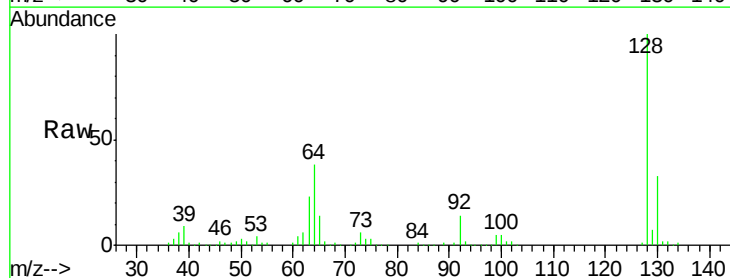
RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 198750 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.4  | 52.4   |
| 64        | 38.3  | 37.8  | 77.8   |





#9

Benzaldehyde

Concen: 9.37 ng/mL

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

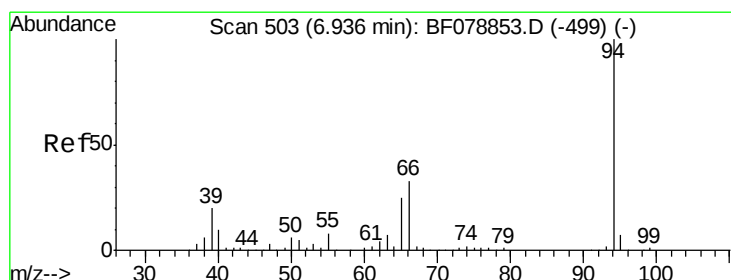
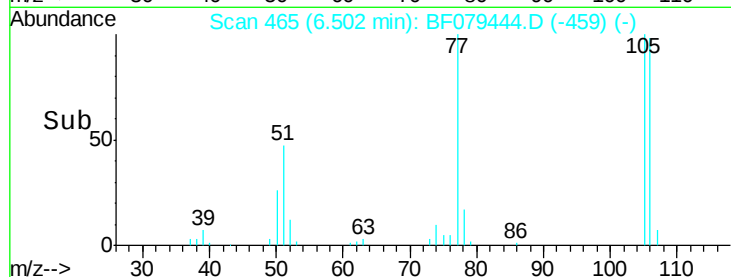
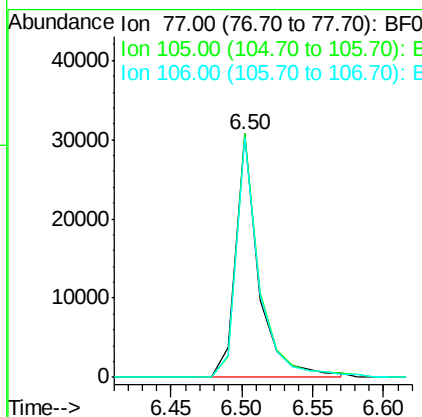
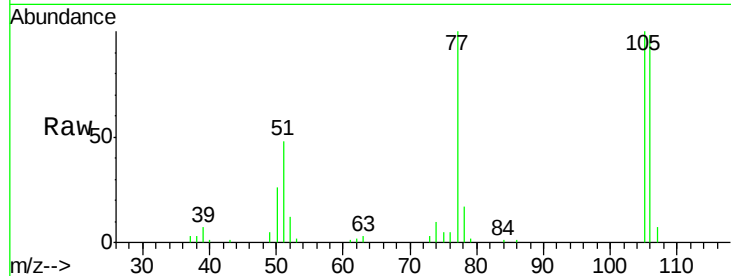
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 35224 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 100.1 | 78.9  | 118.9 |
| 106      | 98.6  | 75.8  | 115.8 |

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#10

Phenol

Concen: 40.65 ng/mL

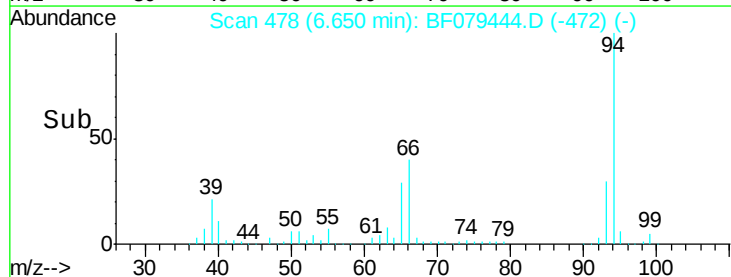
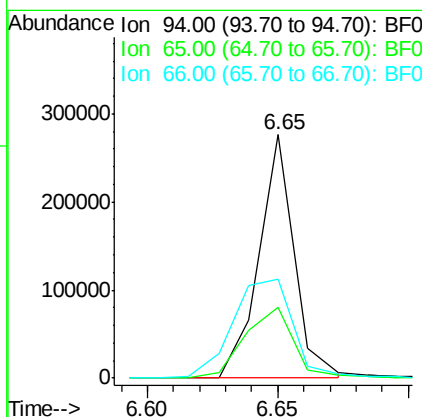
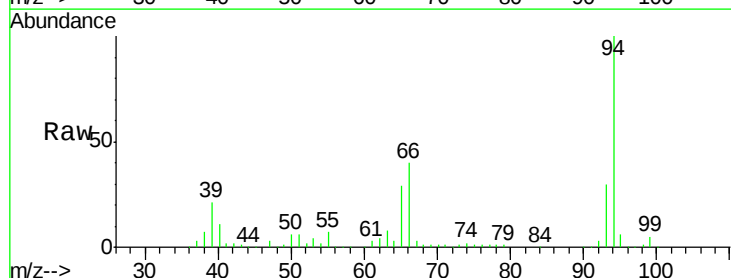
RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 263198 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.2  | 5.1   | 45.1   |
| 66       | 40.4  | 13.1  | 53.1   |





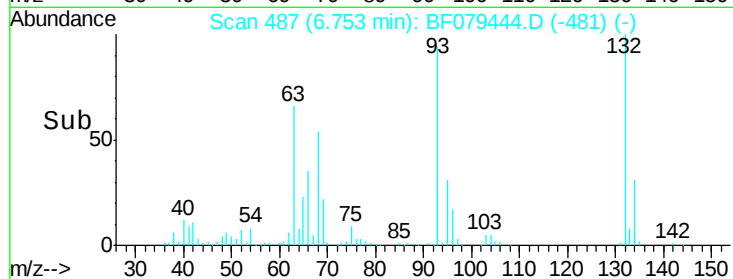
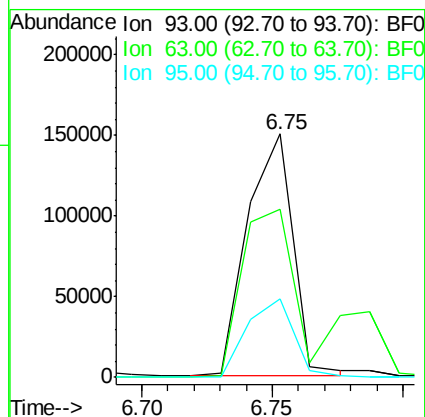
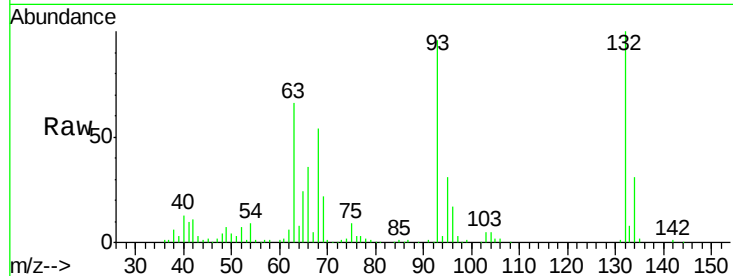
#11  
bis(2-Chloroethyl)ether  
Concen: 38.52 ng  
RT: 6.75 min Scan# 487  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 182827 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 68.9  | 50.8  | 90.8   |
| 95        | 32.5  | 13.9  | 53.9   |

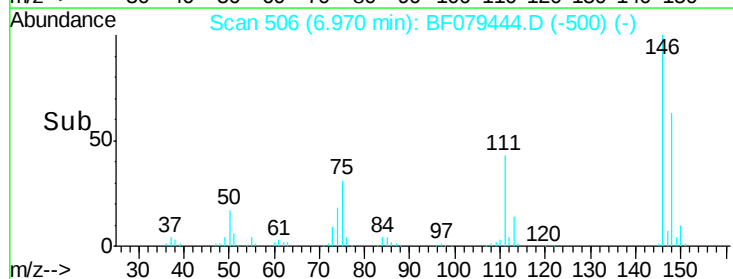
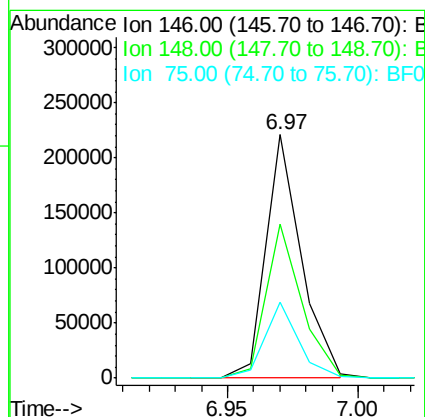
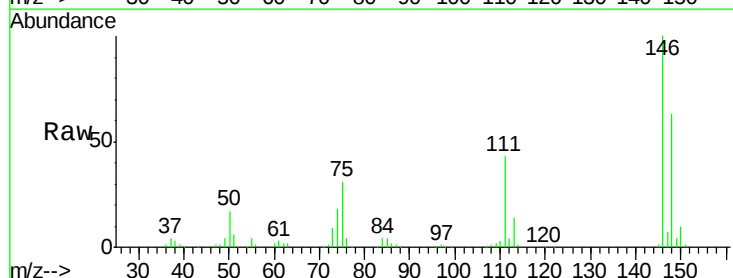
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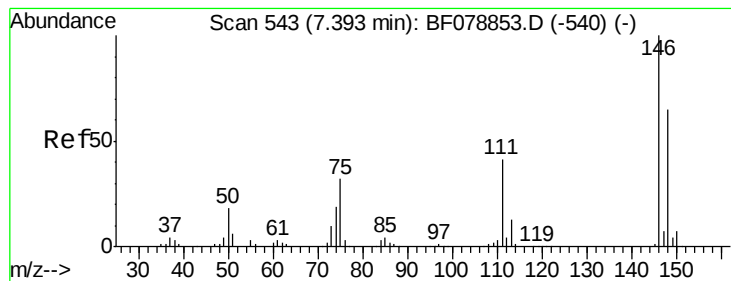
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#12  
1,3-Dichlorobenzene  
Concen: 39.04 ng  
RT: 6.97 min Scan# 506  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 210139 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 52.4  | 78.6   |
| 75        | 31.0  | 18.6  | 27.8#  |





#13

1,4-Dichlorobenzene

Concen: 38.90 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

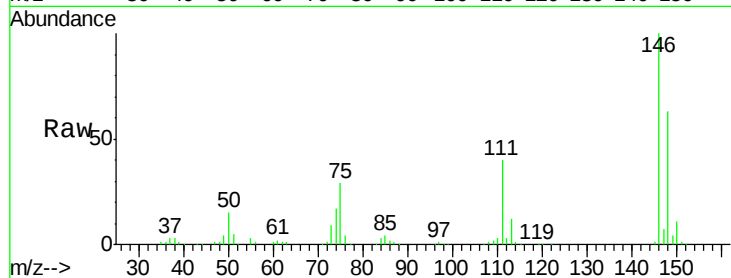
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

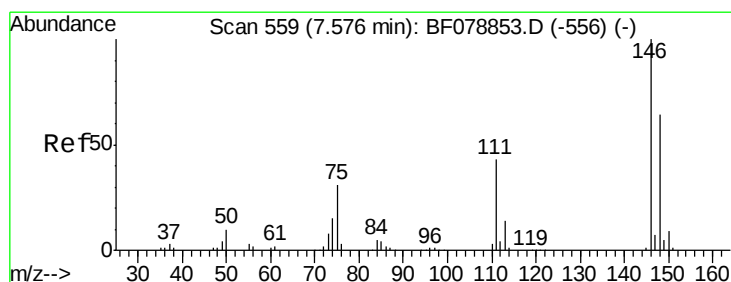
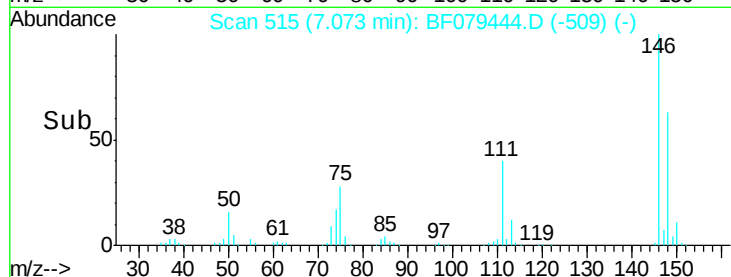
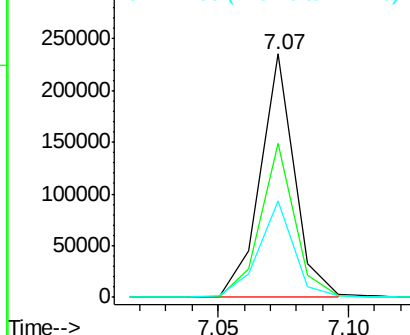
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 215489 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 51.7  | 77.5   |
| 111       | 39.8  | 32.8  | 49.2   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.14 ng

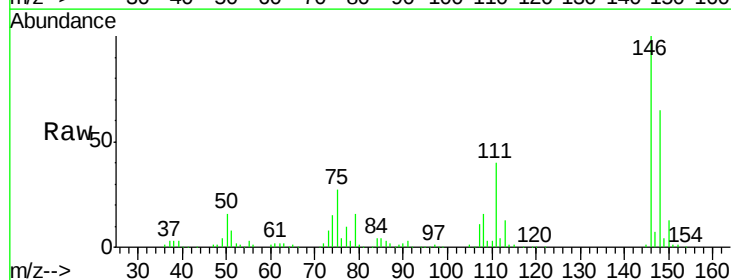
RT: 7.26 min Scan# 531

Delta R.T. -0.00 min

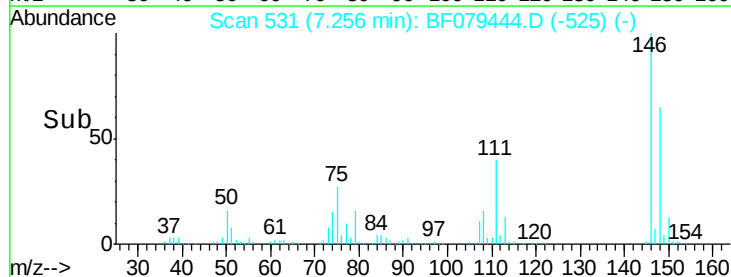
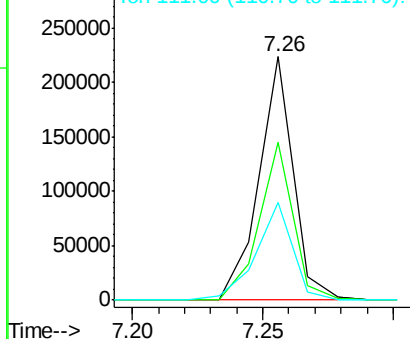
Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 207007 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 51.1  | 76.7   |
| 111       | 40.0  | 34.6  | 52.0   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.44 ng/mL

RT: 7.24 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

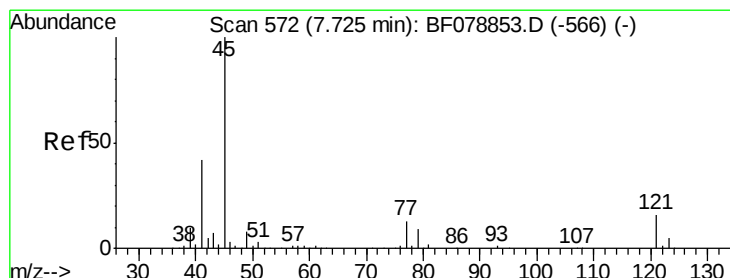
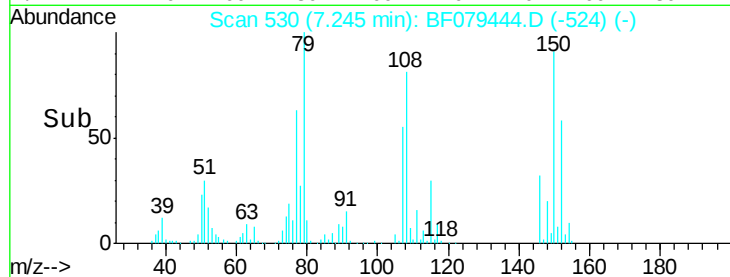
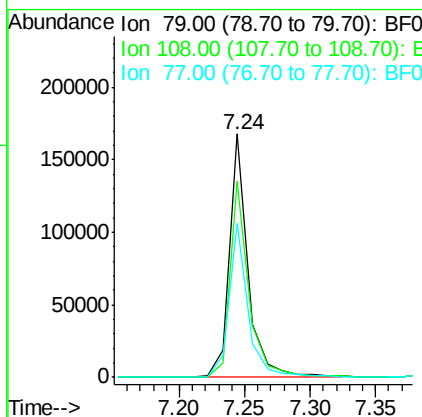
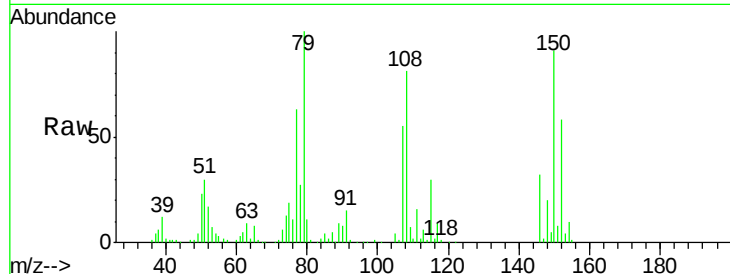
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 167545 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.5  | 57.4  | 86.2   |
| 77        | 63.2  | 50.2  | 75.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.67 ng/mL

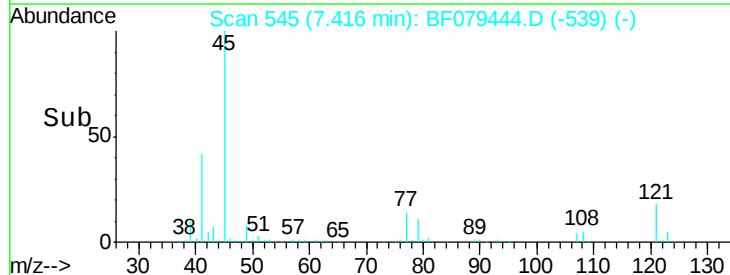
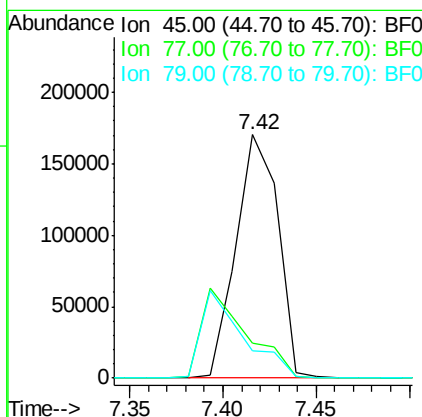
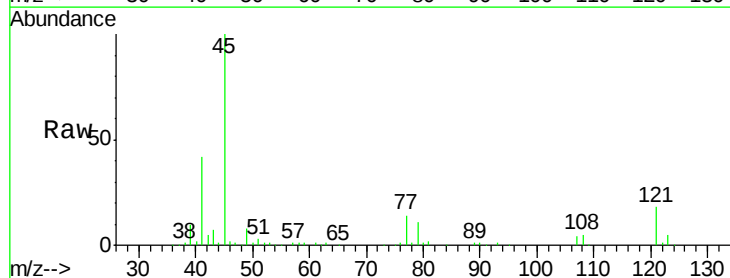
RT: 7.42 min Scan# 545

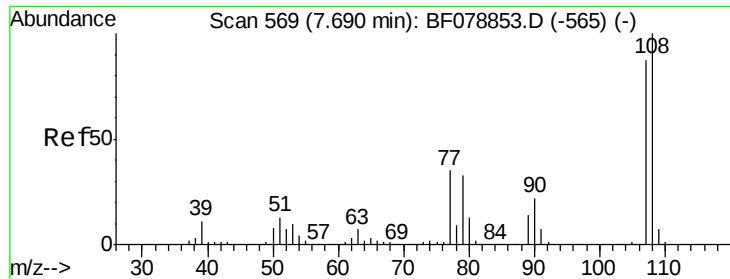
Delta R.T. -0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 266307 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.3  | 0.0   | 32.6   |
| 79        | 11.1  | 0.0   | 29.3   |





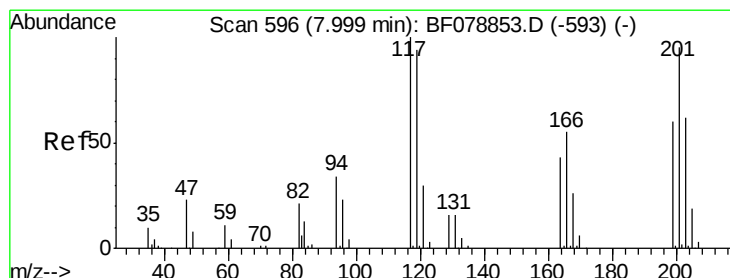
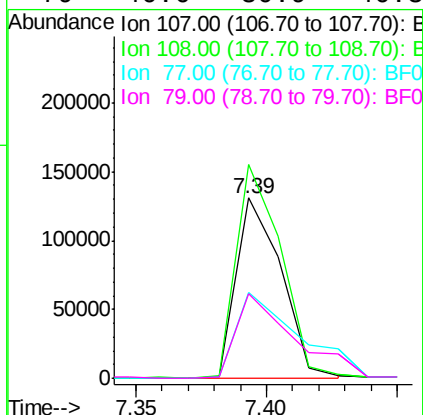
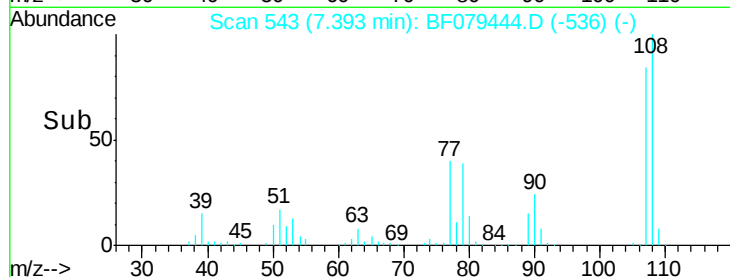
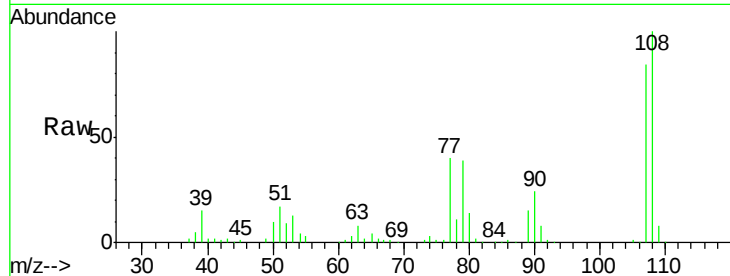
#17  
2-Methylphenol  
Concen: 40.96 ng  
RT: 7.39 min Scan# 543  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 118.4 | 92.4 | 138.6 |       |
| 77      | 47.8  | 32.6 | 49.0  |       |
| 79      | 46.6  | 30.9 | 46.3  |       |

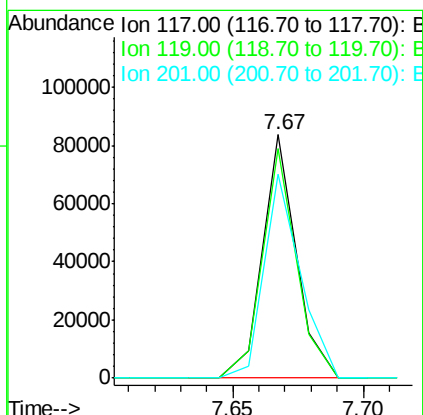
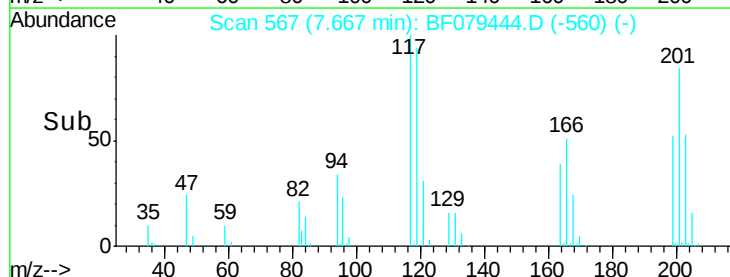
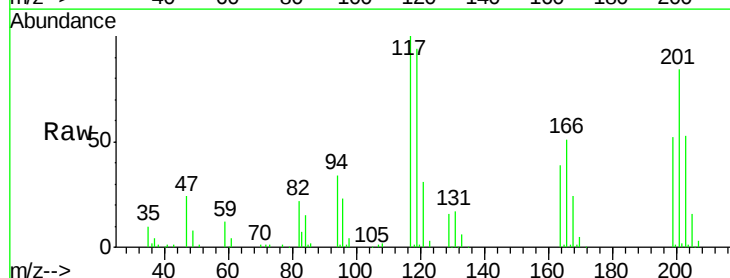
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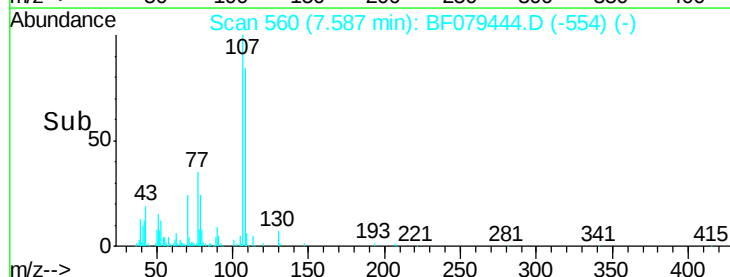
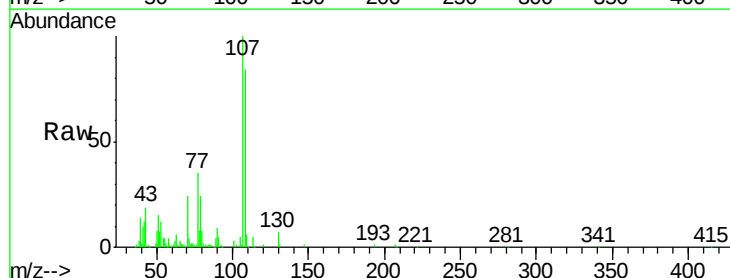
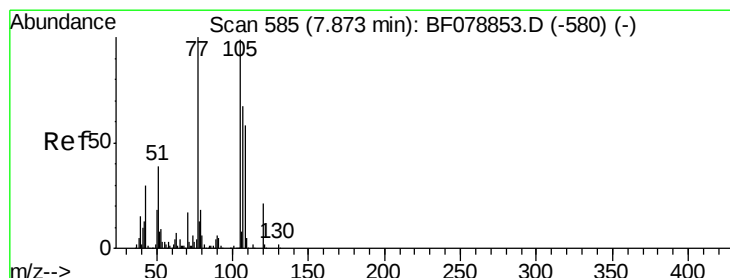
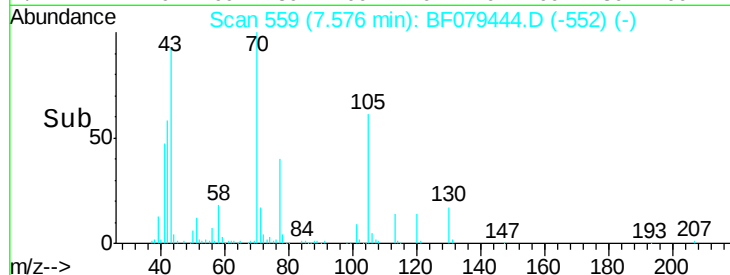
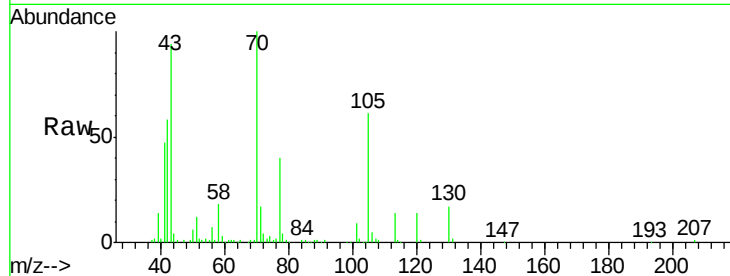
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#18  
Hexachloroethane  
Concen: 39.12 ng  
RT: 7.67 min Scan# 567  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

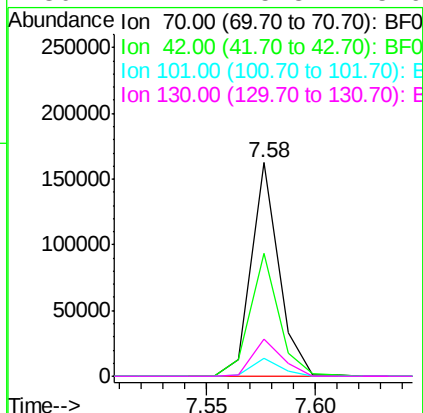
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.1  | 75.2 | 112.8 |       |
| 201     | 83.5  | 75.8 | 113.8 |       |





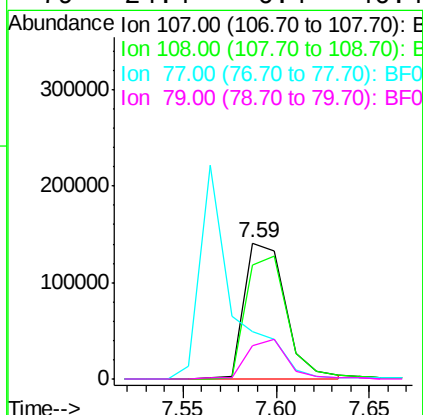
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.24 ng  
RT: 7.58 min Scan# 559  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.5 | 47.3  | 70.9  |       |
| 101     | 8.5  | 7.5   | 11.3  |       |
| 130     | 17.2 | 15.8  | 23.6  |       |



#20  
3+4-Methylphenols  
Concen: 42.28 ng  
RT: 7.59 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.3 | 66.5  | 106.5 |       |
| 77      | 34.6 | 130.6 | 170.6 |       |
| 79      | 24.4 | 6.4   | 46.4  |       |



Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

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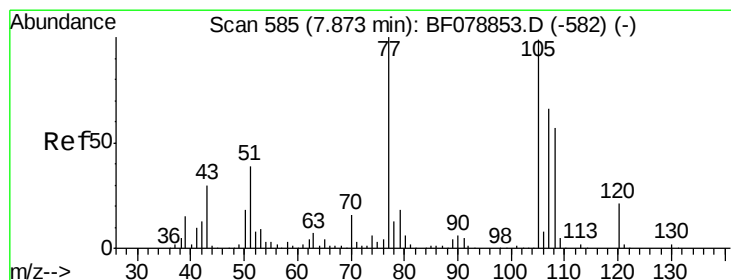
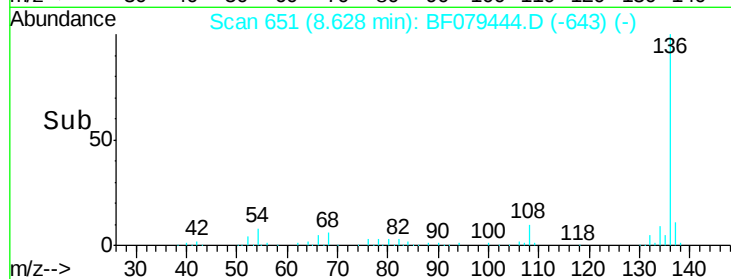
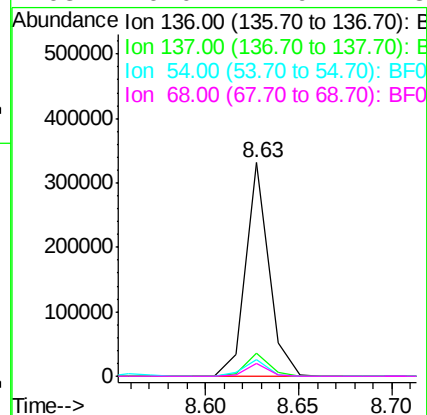
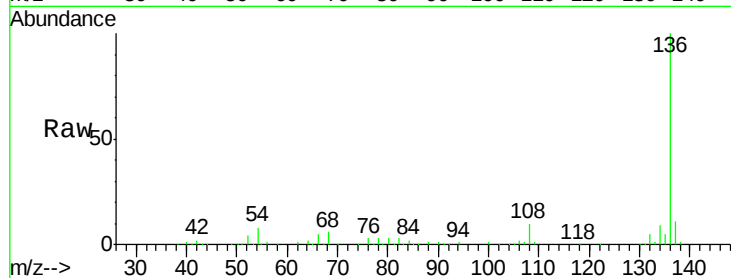
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.63 min Scan# 651  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 287526 |       |       |
| 137     | 11.1  |        | 8.8   | 13.2  |
| 54      | 7.8   |        | 6.9   | 10.3  |
| 68      | 6.0   |        | 4.9   | 7.3   |

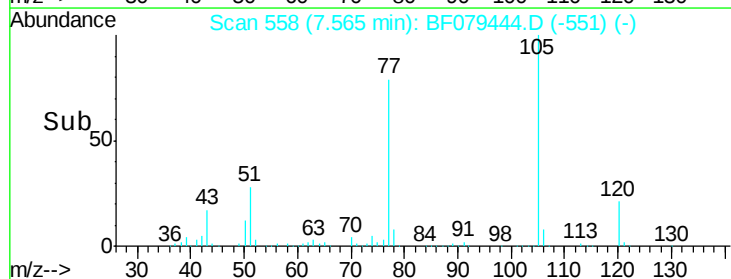
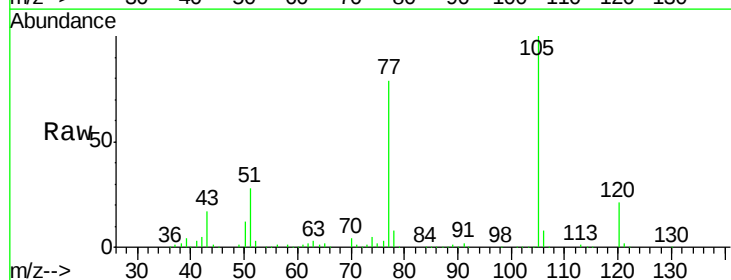
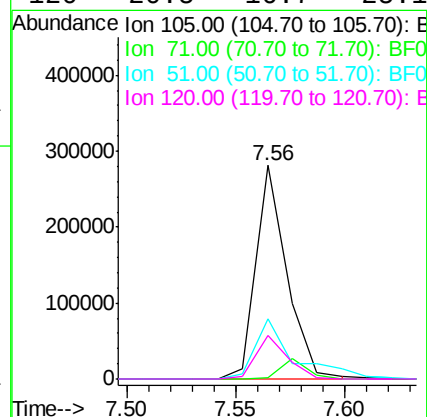
Manual Integrations  
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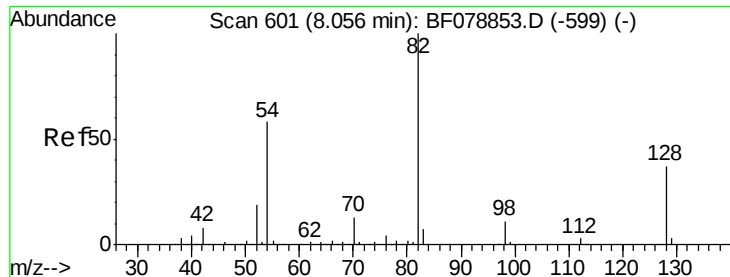
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#22  
Acetophenone  
Concen: 42.82 ng  
RT: 7.56 min Scan# 558  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 278166 |       |       |
| 71      | 0.7   |        | 2.2   | 3.4#  |
| 51      | 28.3  |        | 31.1  | 46.7# |
| 120     | 20.5  |        | 16.7  | 25.1  |





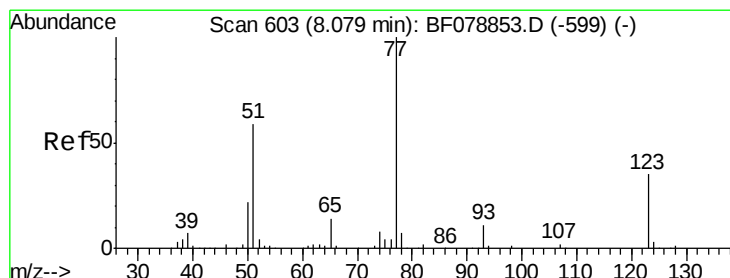
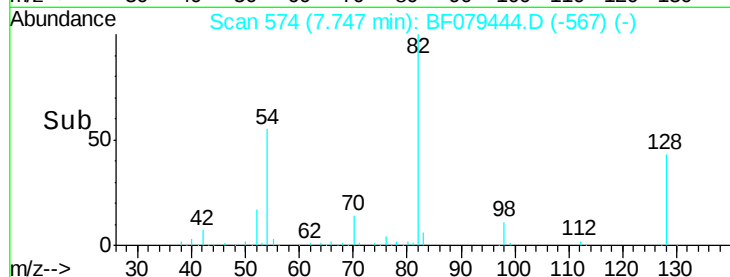
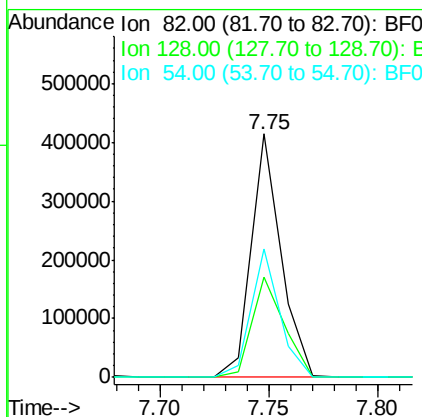
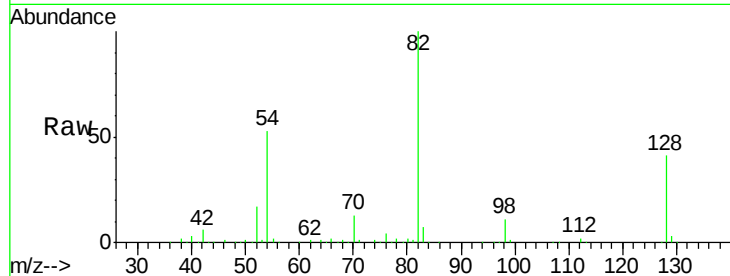
#23  
Nitrobenzene-d5  
Concen: 79.16 ng  
RT: 7.75 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 40.9  | 29.7 | 44.5  |       |
| 54      | 52.9  | 46.2 | 69.4  |       |

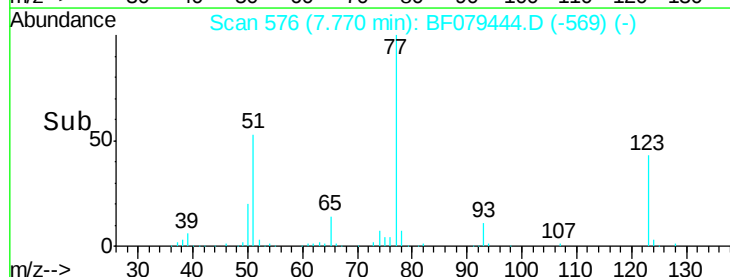
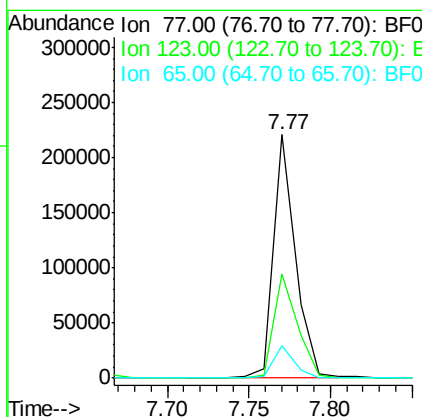
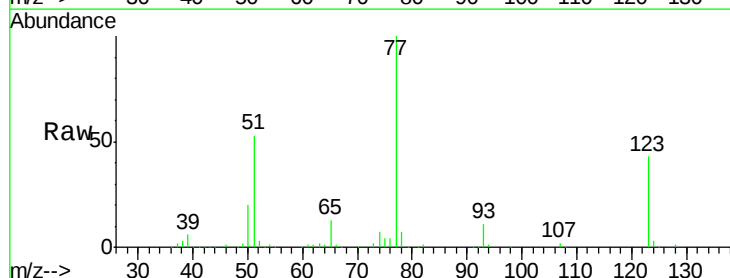
Manual Integrations  
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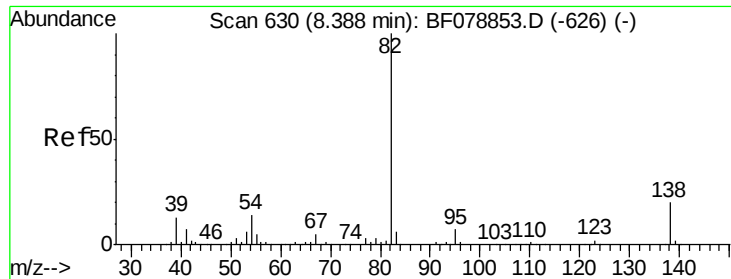
apatel  
5/27/2015 8:16:18 AM



#24  
Nitrobenzene  
Concen: 41.68 ng  
RT: 7.77 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 42.6  | 28.3 | 42.5# |       |
| 65      | 13.5  | 11.0 | 16.4  |       |





#25

Isophorone

Concen: 40.81 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

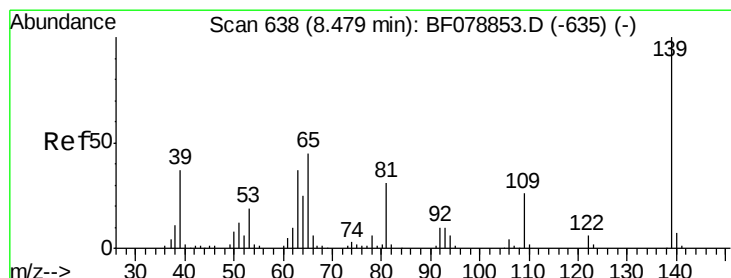
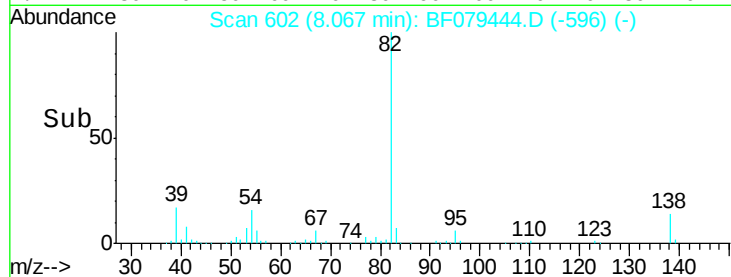
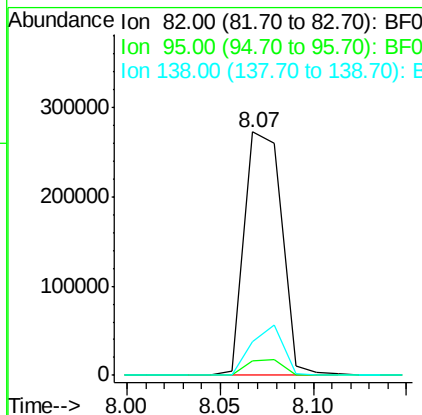
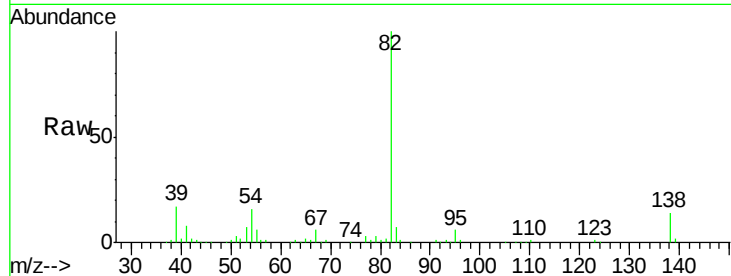
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 378490 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.2   | 5.4   | 8.2    |
| 138       | 14.0  | 16.1  | 24.1#  |

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apatel  
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#26

2-Nitrophenol

Concen: 47.27 ng

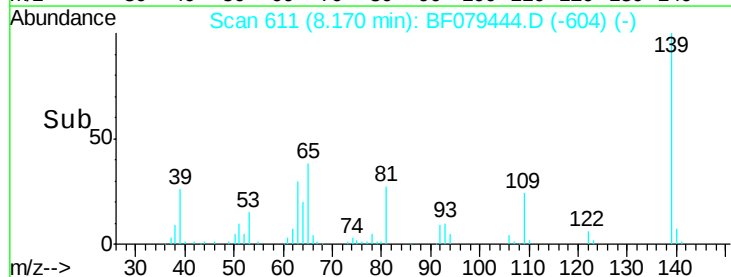
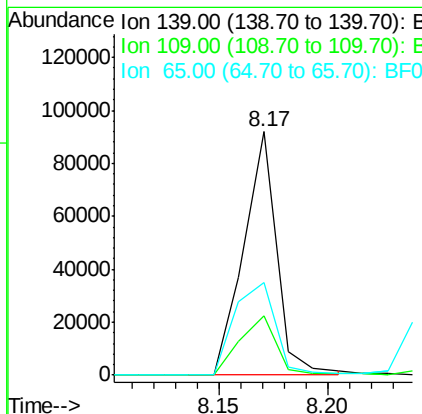
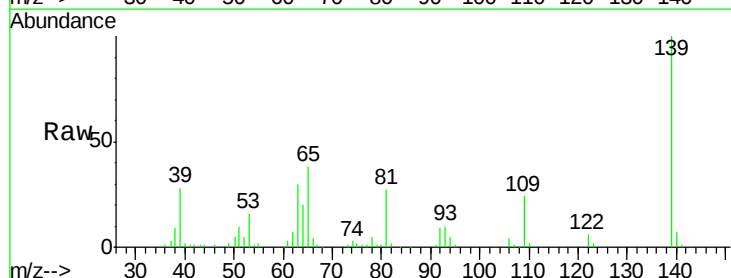
RT: 8.17 min Scan# 611

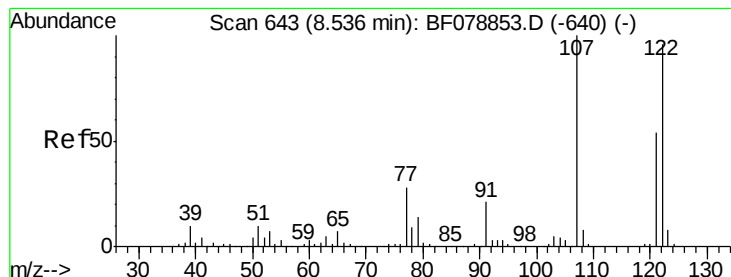
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 97017 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 24.1  | 20.9  | 31.3  |
| 65        | 38.3  | 35.8  | 53.8  |





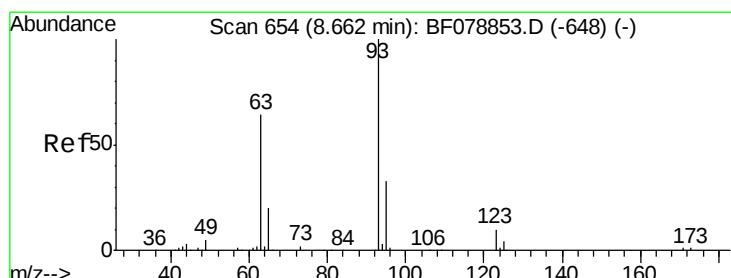
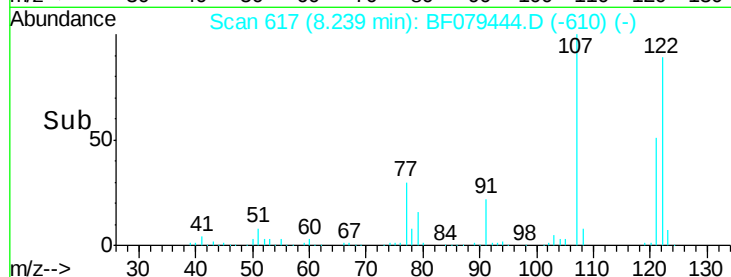
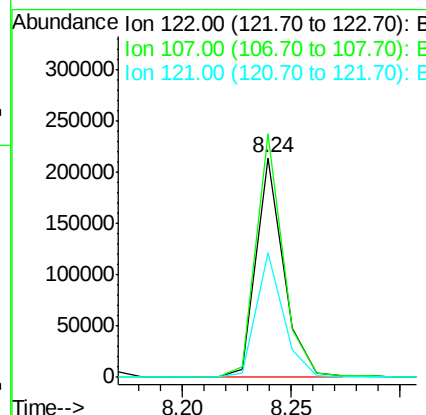
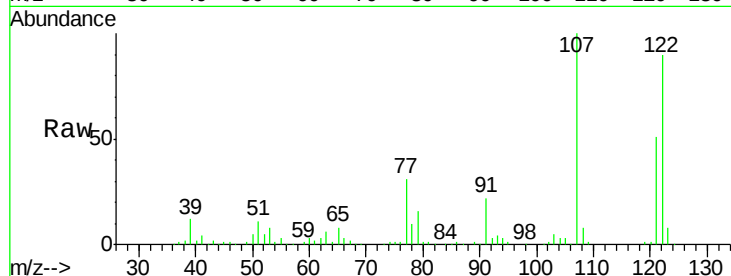
#27  
 2,4-Dimethylphenol  
 Concen: 45.80 ng  
 RT: 8.24 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 188108 |       |       |
| 107     | 111.0 | 83.6   | 125.4 |       |
| 121     | 57.0  | 44.9   | 67.3  |       |

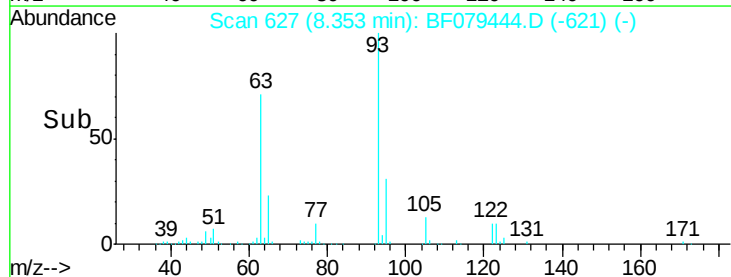
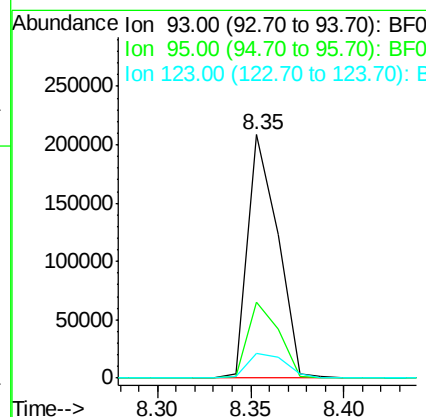
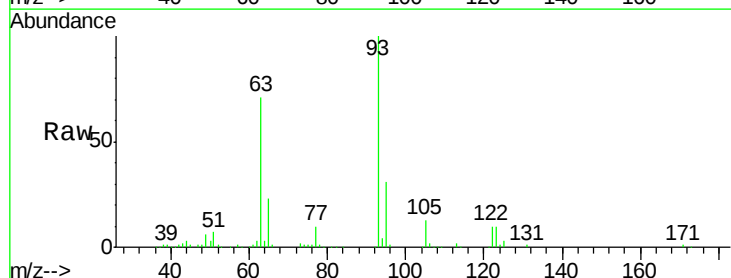
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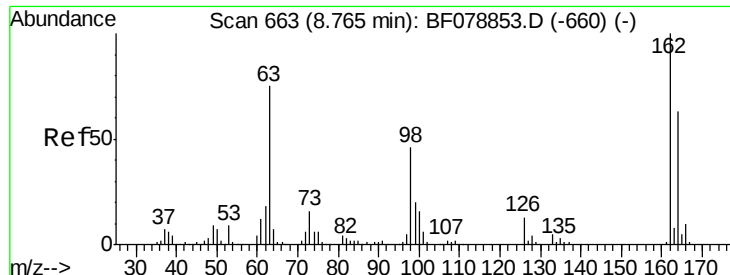
apatel  
 5/27/2015 8:16:18 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.95 ng  
 RT: 8.35 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 234130 |       |       |
| 95      | 31.1  | 26.2   | 39.2  |       |
| 123     | 10.0  | 8.6    | 12.8  |       |





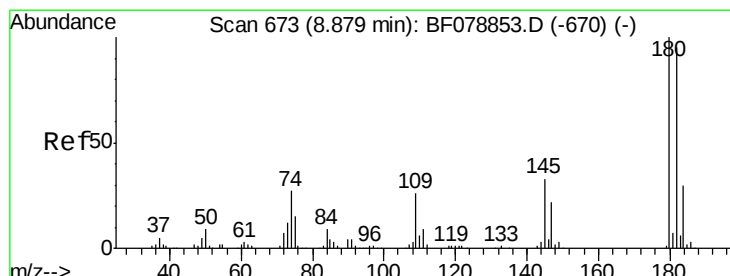
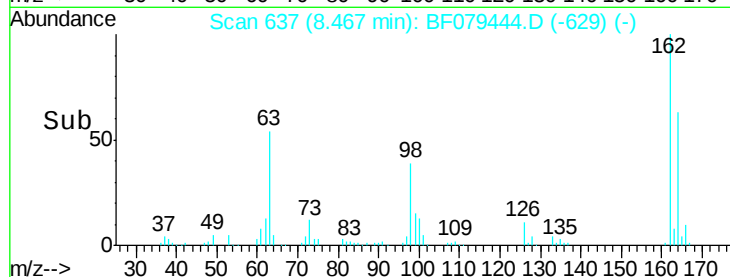
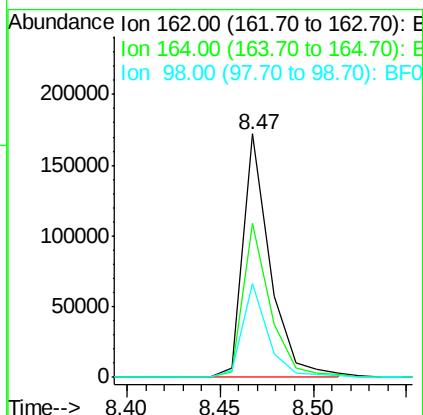
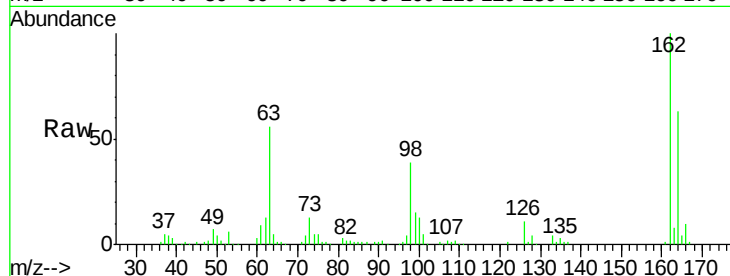
#29  
 2,4-Dichlorophenol  
 Concen: 47.89 ng  
 RT: 8.47 min Scan# 637  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 174893 |       |       |
| 164     | 63.5  | 42.7   | 82.7  |       |
| 98      | 38.6  | 26.3   | 66.3  |       |

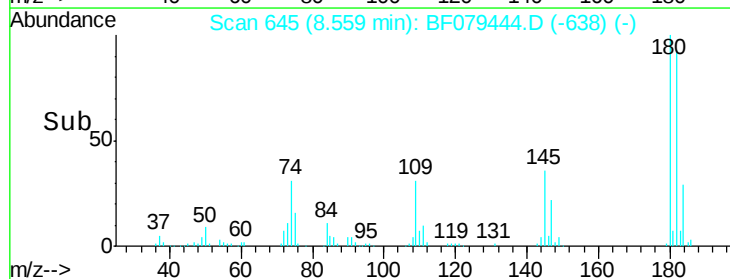
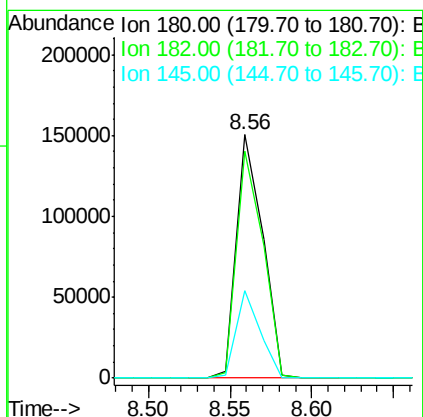
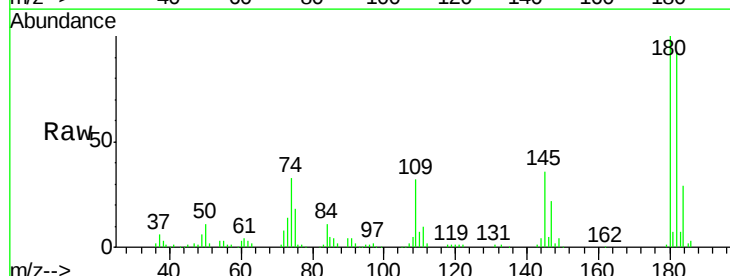
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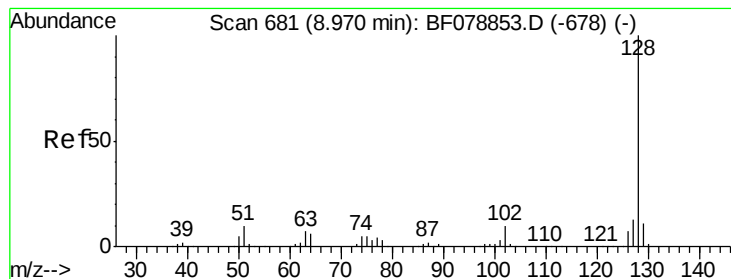
apatel  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.60 ng  
 RT: 8.56 min Scan# 645  
 Delta R.T. -0.01 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 166904 |       |       |
| 182     | 93.4  | 75.7   | 113.5 |       |
| 145     | 36.0  | 26.2   | 39.4  |       |





#31

Naphthalene

Concen: 42.00 ng

RT: 8.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

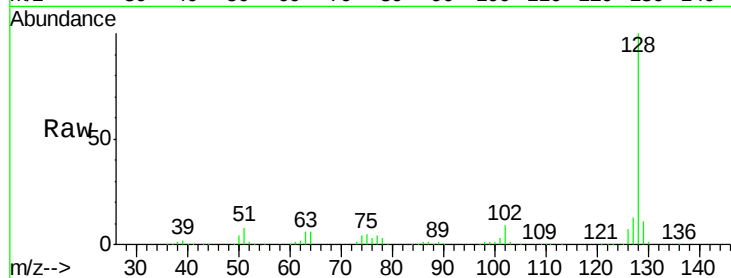
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

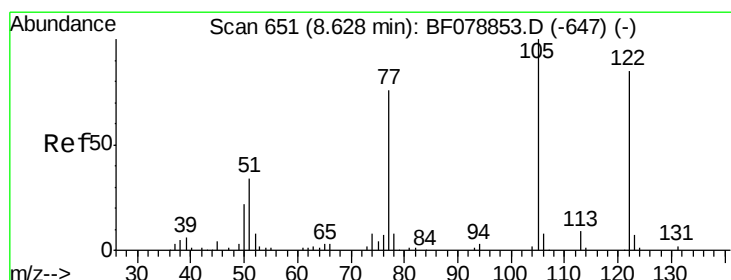
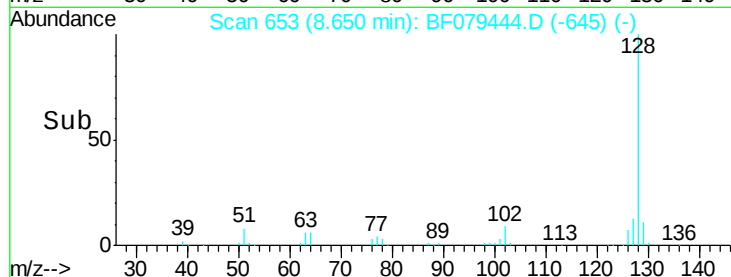
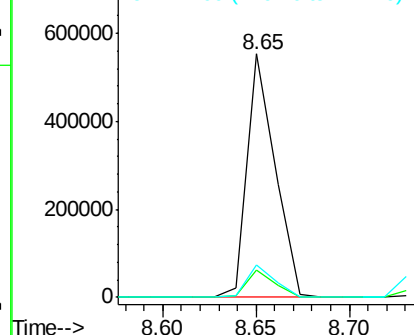
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 575375 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.4  | 9.2   | 13.8   |
| 127       | 13.1  | 10.3  | 15.5   |

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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.92 ng m

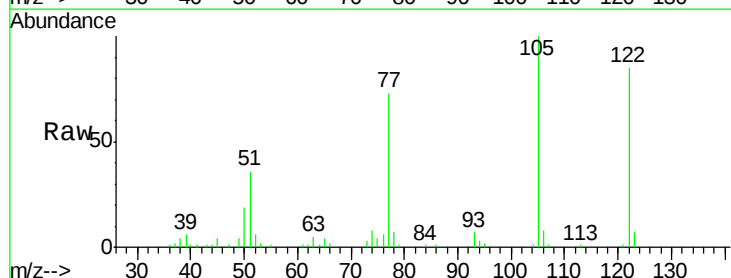
RT: 8.38 min Scan# 629

Delta R.T. -0.00 min

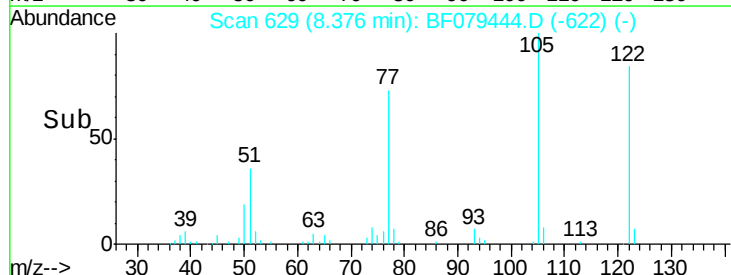
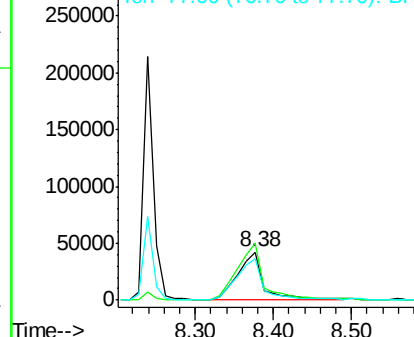
Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 99556 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 117.0 | 100.7 | 140.7 |
| 77        | 85.8  | 72.0  | 112.0 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





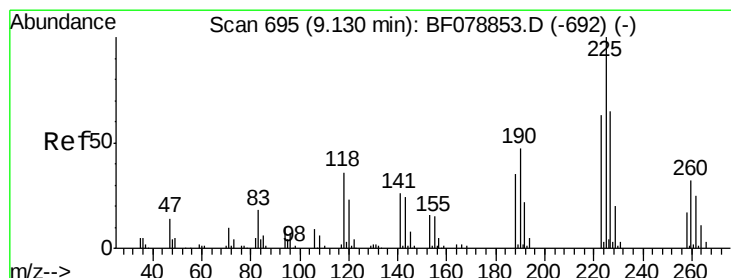
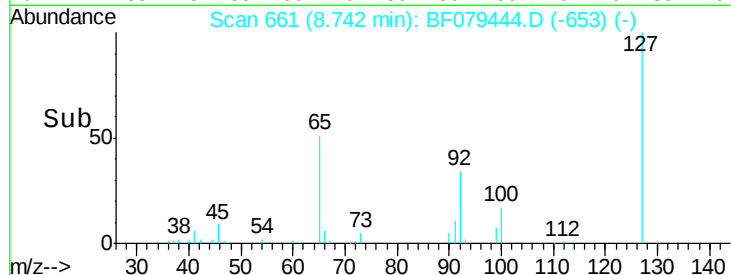
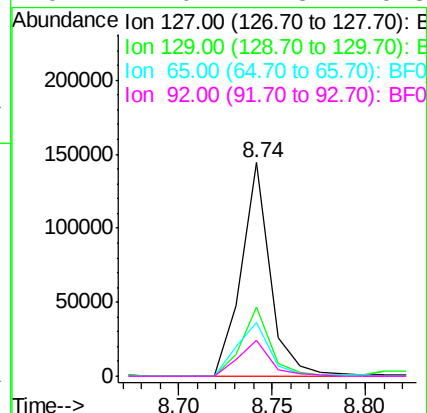
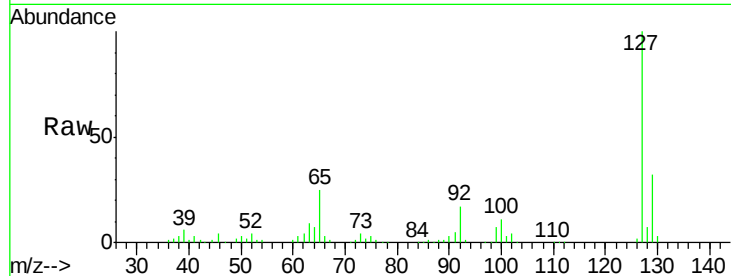
#33  
4-Chloroaniline  
Concen: 27.13 ng  
RT: 8.74 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 25.6  | 38.4 |       |       |
| 65      | 25.4 | 30.2  | 45.4 |       |       |
| 92      | 17.0 | 17.5  | 26.3 |       |       |

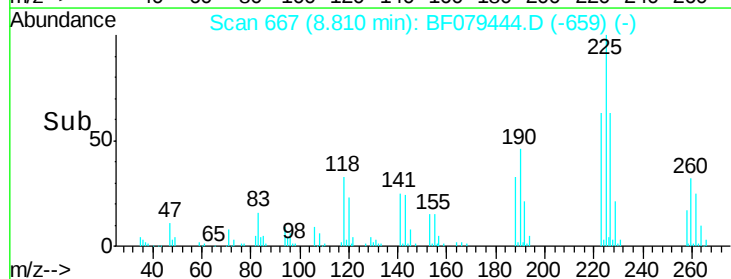
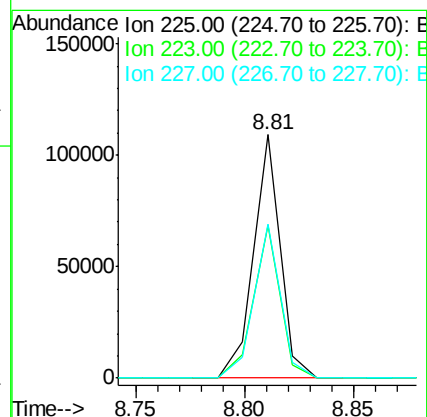
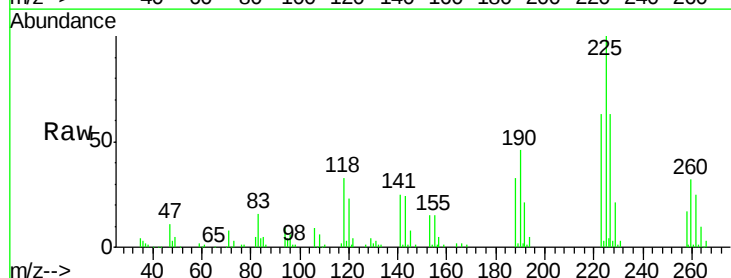
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#34  
Hexachlorobutadiene  
Concen: 40.24 ng  
RT: 8.81 min Scan# 667  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.8 | 50.6  | 75.8 |       |       |
| 227     | 63.1 | 52.1  | 78.1 |       |       |





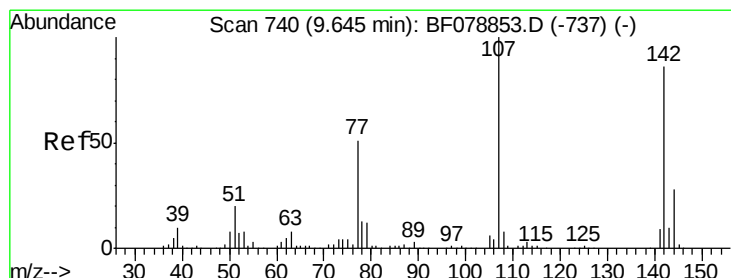
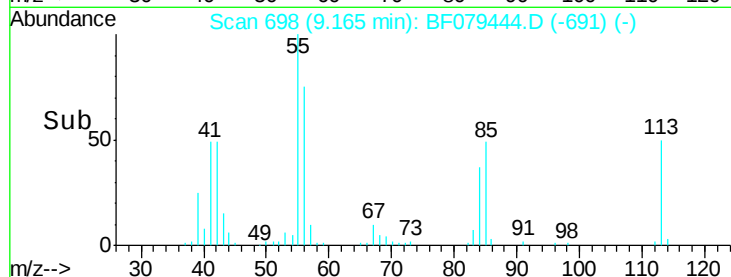
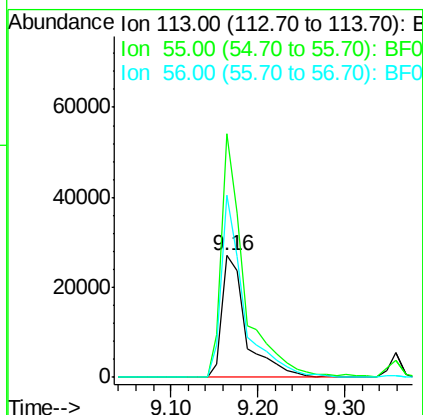
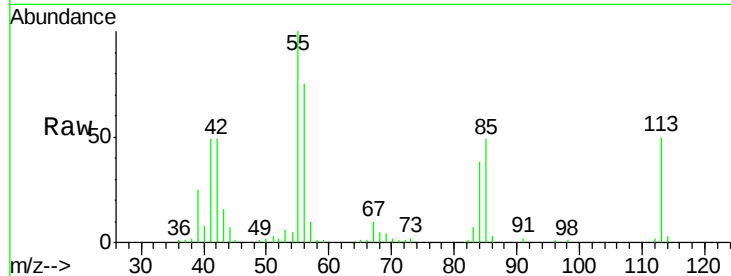
#35  
 Caprolactam  
 Concen: 44.04 ng/ml  
 RT: 9.16 min Scan# 698  
 Delta R.T. -0.01 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 200.2 | 176.0 | 216.0 |
| 56      | 149.3 | 123.8 | 163.8 |

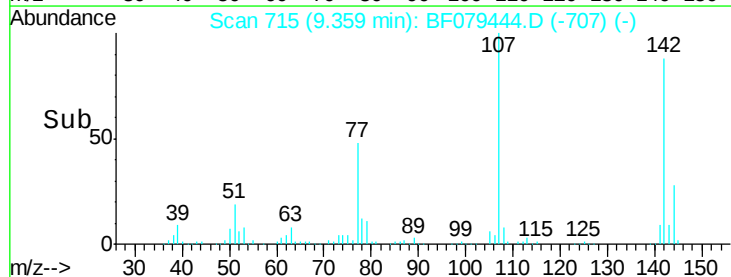
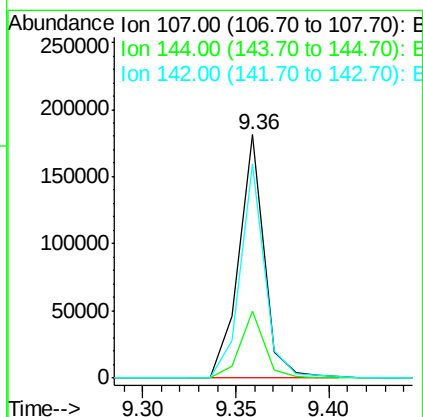
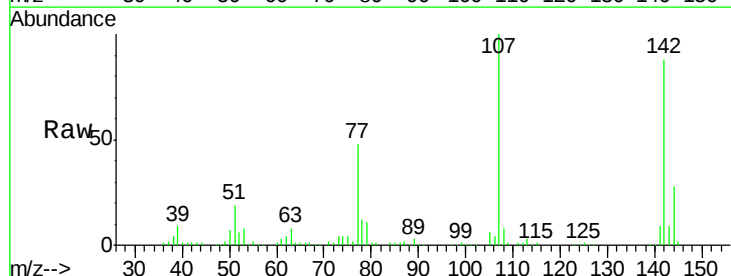
Manual Integrations  
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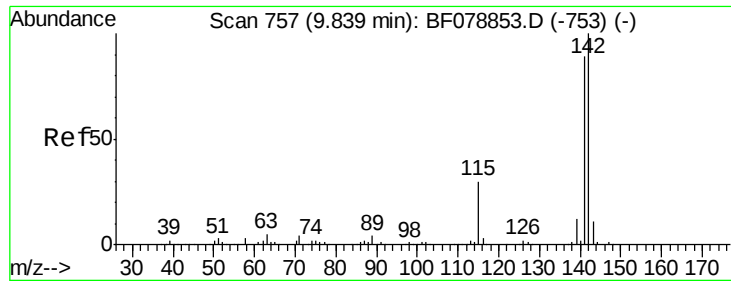
apatel  
 5/27/2015 8:16:18 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.33 ng/ml  
 RT: 9.36 min Scan# 715  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.7  | 22.5  | 33.7  |
| 142     | 88.1  | 68.6  | 103.0 |





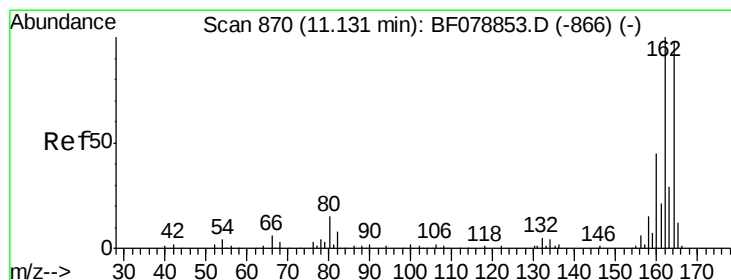
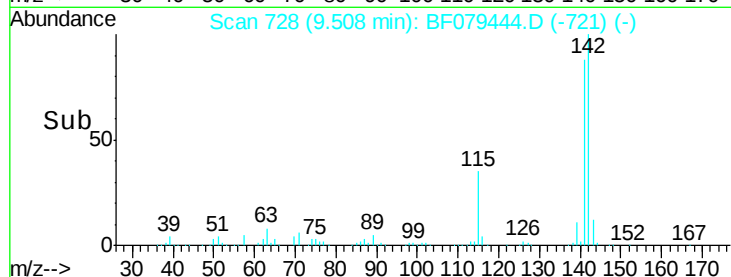
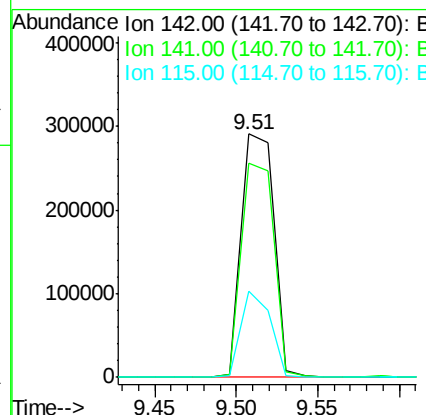
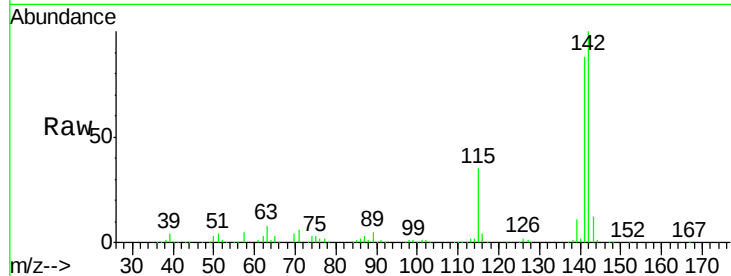
#37  
2-Methylnaphthalene  
Concen: 42.44 ng  
RT: 9.51 min Scan# 728  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 402930 |       |       |
| 141     | 88.1  | 71.6   | 107.4 |       |
| 115     | 35.2  | 24.2   | 36.4  |       |

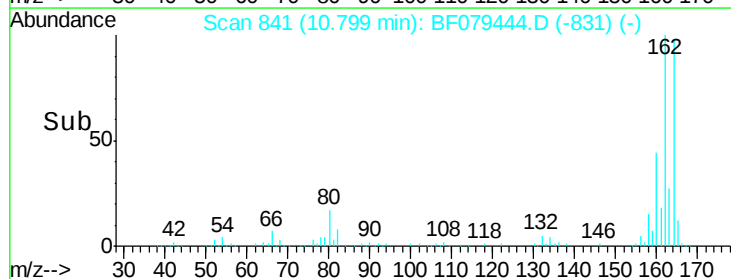
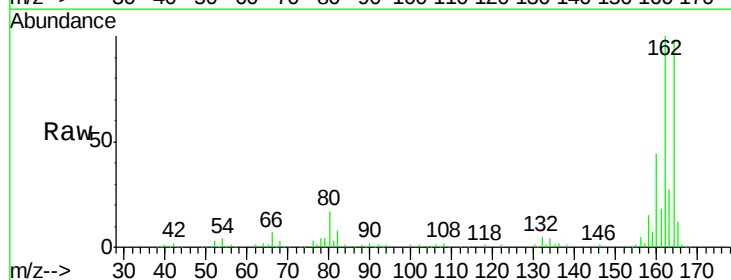
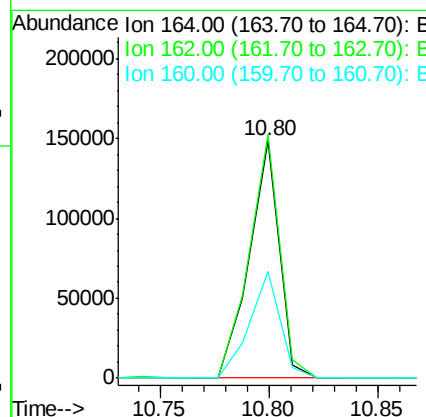
Manual Integrations  
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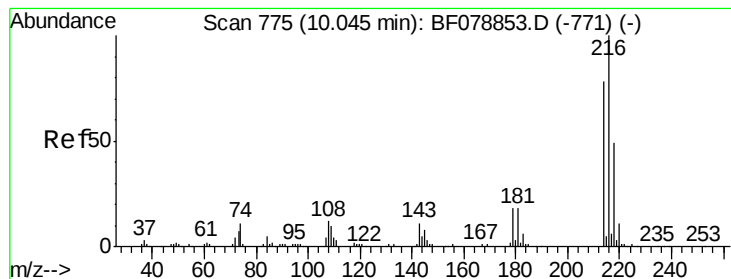
apatel  
5/27/2015 8:16:18 AM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.80 min Scan# 841  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 141910 |       |       |
| 162     | 102.4 | 81.4   | 122.0 |       |
| 160     | 44.9  | 36.6   | 54.8  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.43 ng

RT: 9.72 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

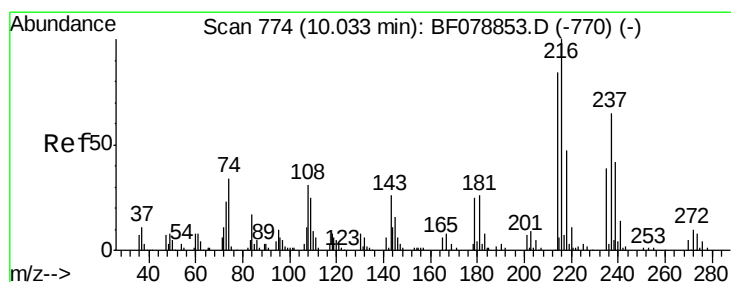
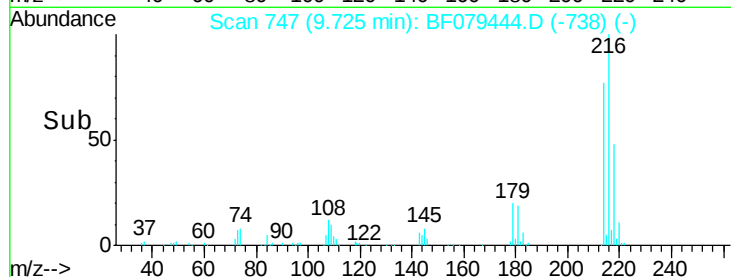
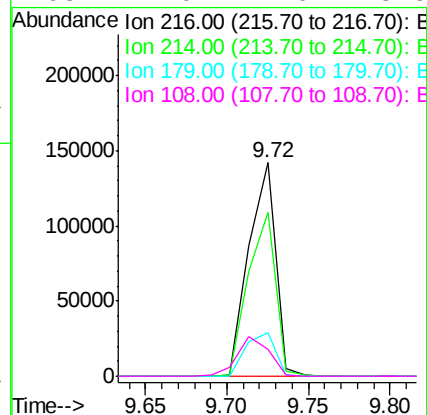
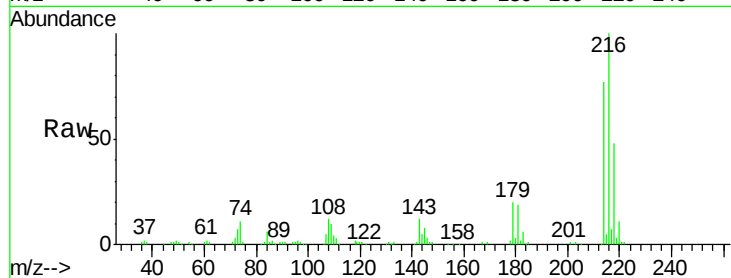
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 78.2 |       | 64.0 | 96.0  |       |
| 179     | 22.4 |       | 17.0 | 25.4  |       |
| 108     | 22.0 |       | 17.0 | 25.6  |       |

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#40

Hexachlorocyclopentadiene

Concen: 52.00 ng

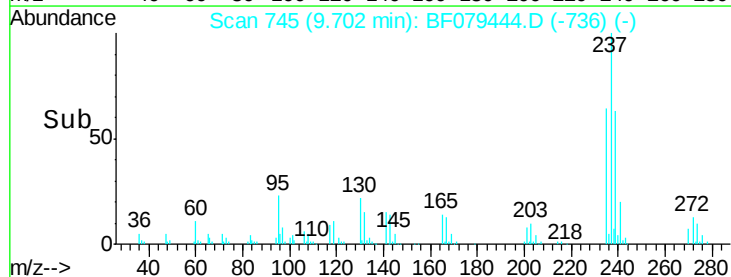
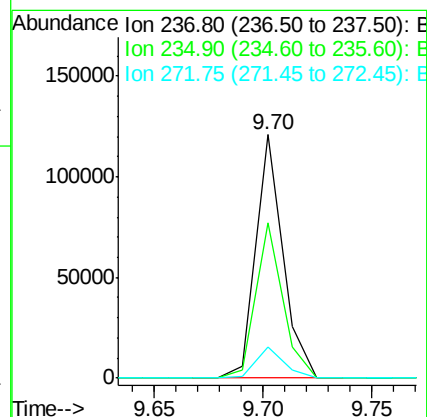
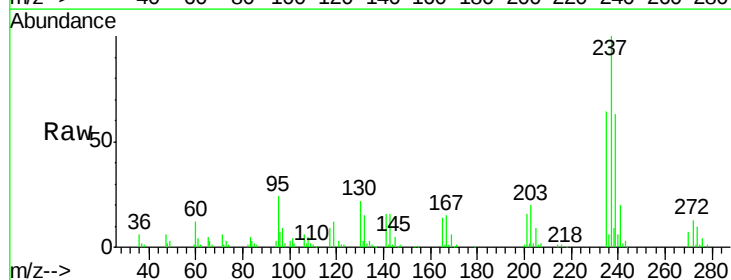
RT: 9.70 min Scan# 745

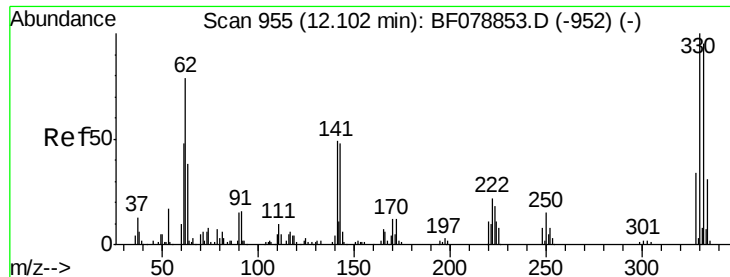
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 63.7 |       | 40.0 | 80.0  |       |
| 272     | 12.7 |       | 0.0  | 36.0  |       |





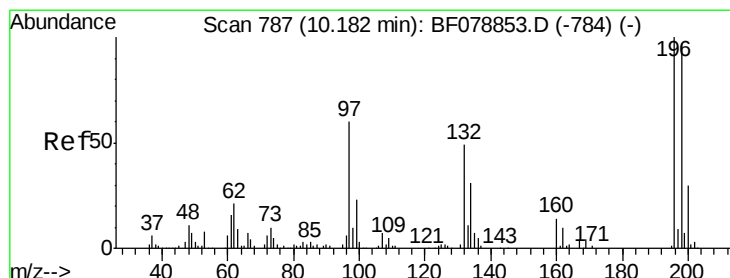
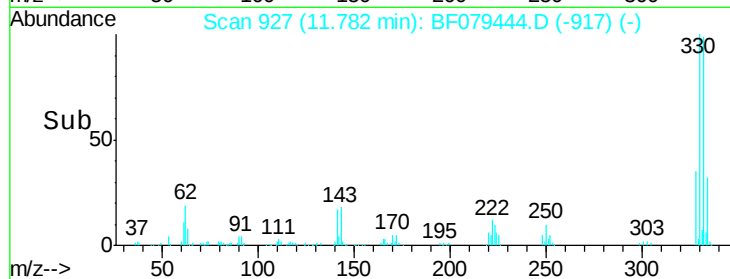
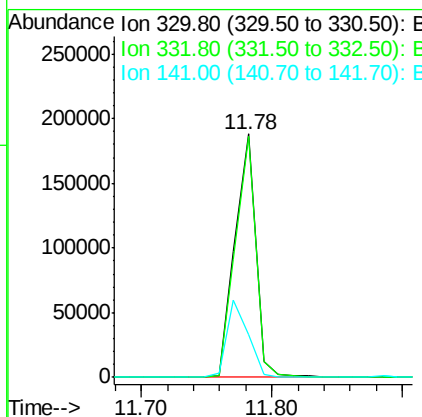
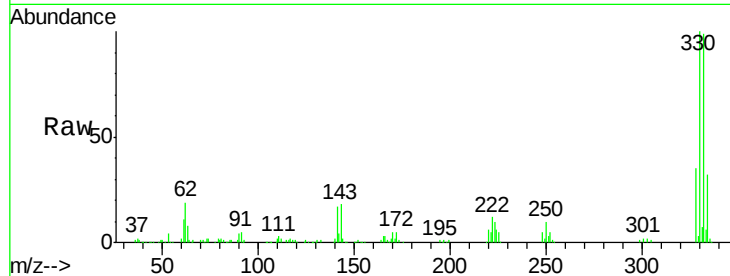
#41  
 2,4,6-Tribromophenol  
 Concen: 136.13 ng  
 RT: 11.78 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 76.9  | 115.3 |
| 141     | 32.5  | 27.8  | 41.8  |

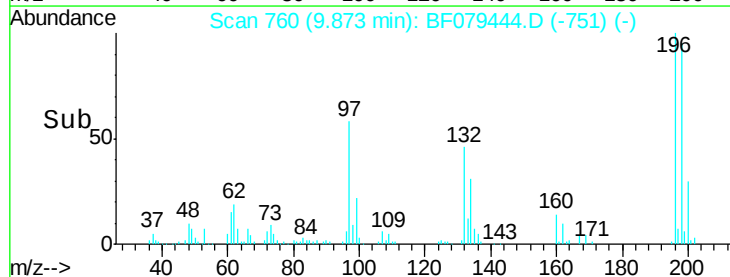
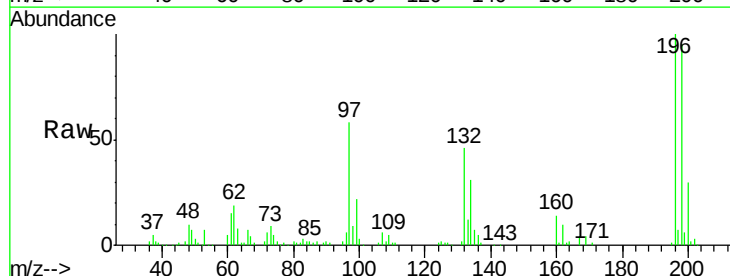
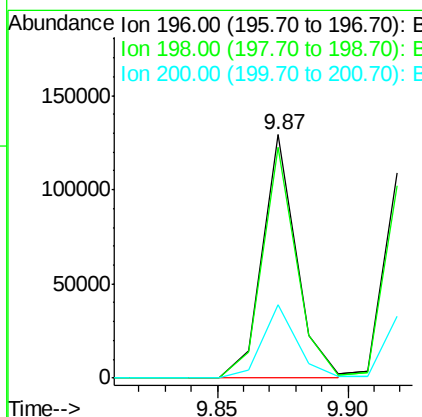
Manual Integrations  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 42.23 ng  
 RT: 9.87 min Scan# 760  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

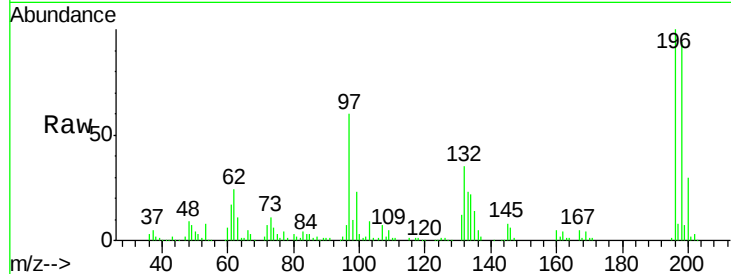
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.7  | 77.4  | 116.2 |
| 200     | 30.4  | 23.7  | 35.5  |





#43  
 2,4,5-Trichlorophenol  
 Concen: 42.73 ng  
 RT: 9.92 min Scan# 764  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

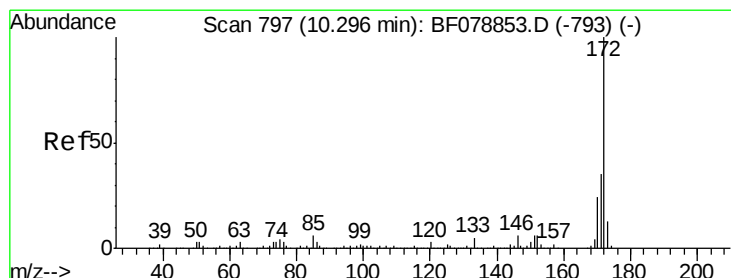
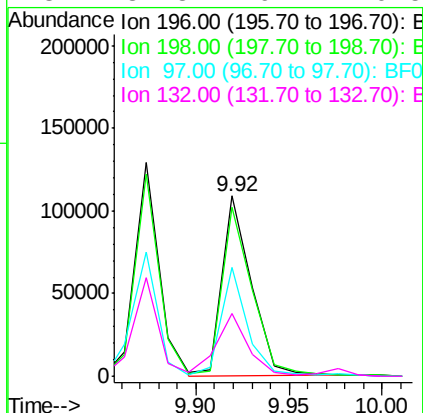
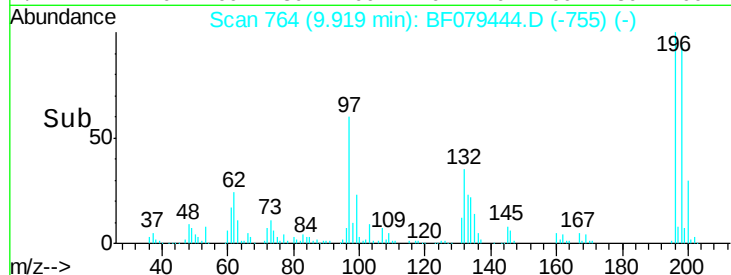
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD



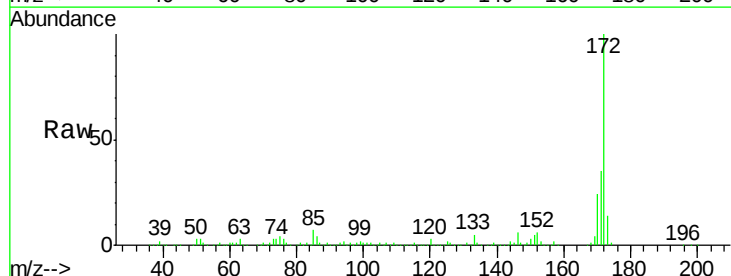
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 118693 |       |       |
| 198     | 93.6 | 77.3  | 115.9  |       |       |
| 97      | 60.3 | 31.3  | 46.9   |       |       |
| 132     | 34.8 | 19.7  | 29.5   |       |       |

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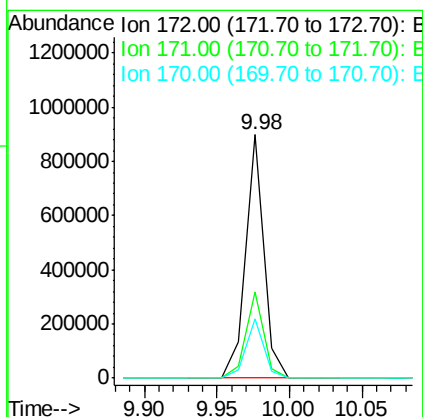
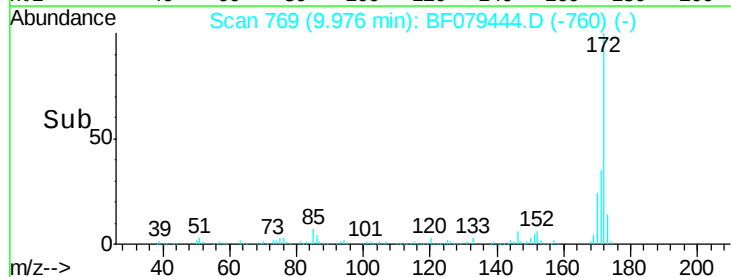
apatel  
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#44  
 2-Fluorobiphenyl  
 Concen: 77.20 ng  
 RT: 9.98 min Scan# 769  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 786298 |       |       |
| 171     | 35.3 | 28.3  | 42.5   |       |       |
| 170     | 24.3 | 19.4  | 29.2   |       |       |





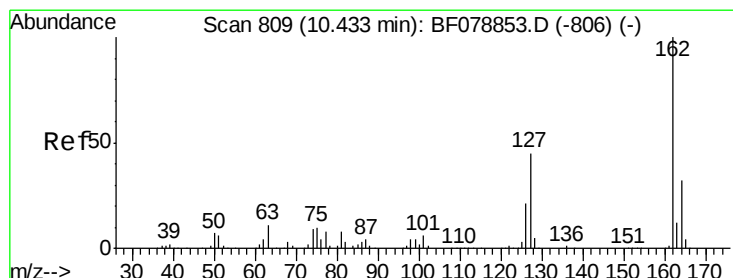
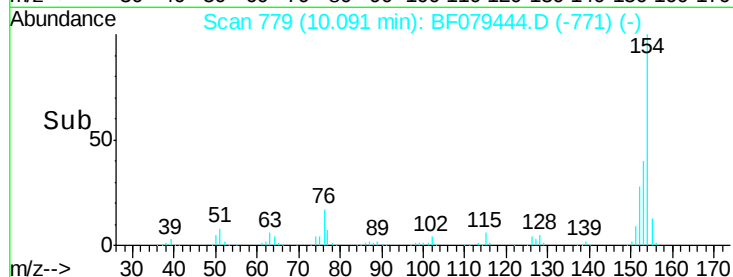
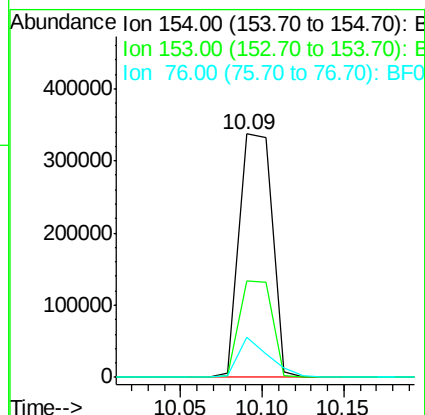
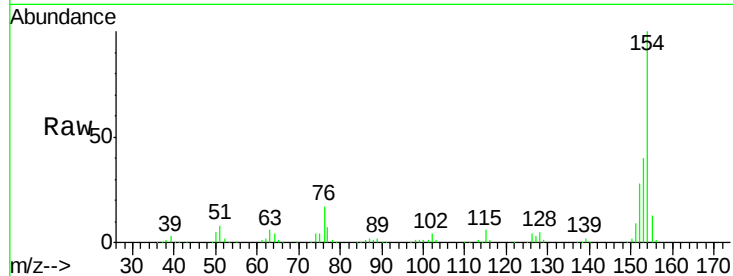
#45  
1,1'-Biphenyl  
Concen: 41.65 ng  
RT: 10.09 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 19.7  | 59.7  |
| 76      | 16.5  | 0.0   | 29.1  |

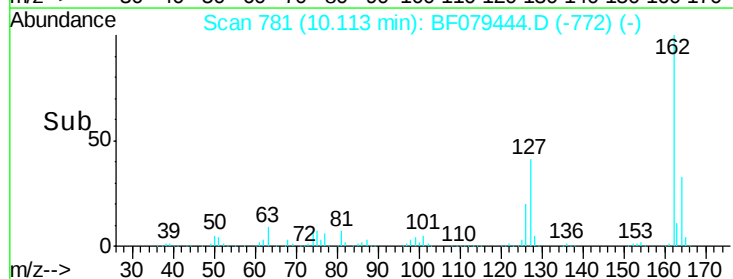
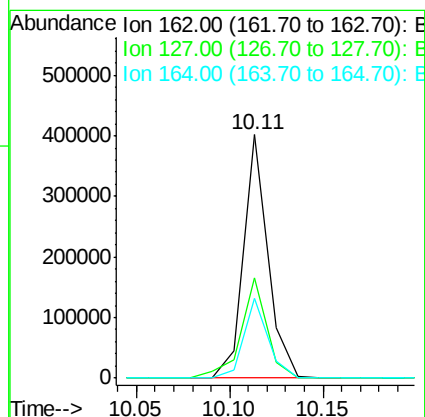
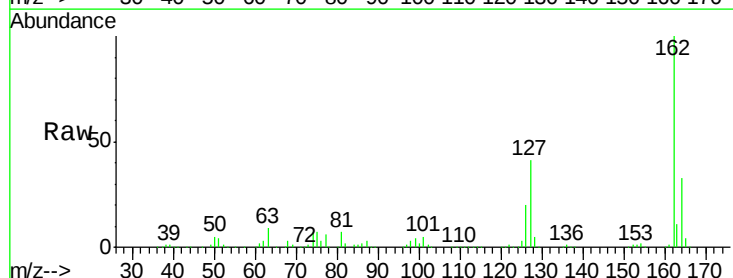
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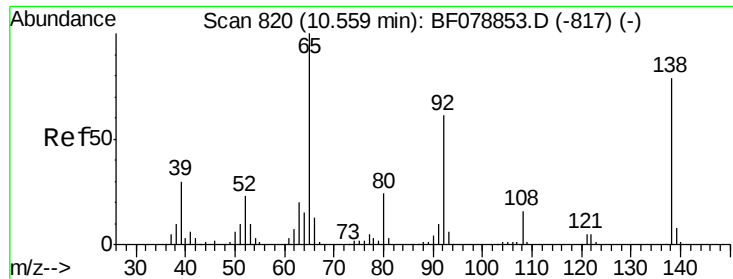
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#46  
2-Chloronaphthalene  
Concen: 41.65 ng  
RT: 10.11 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.2  | 36.3  | 54.5  |
| 164     | 32.7  | 25.9  | 38.9  |





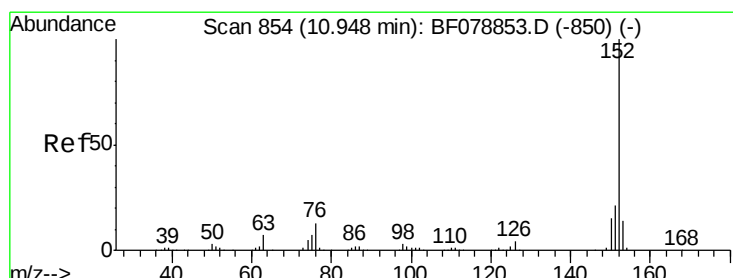
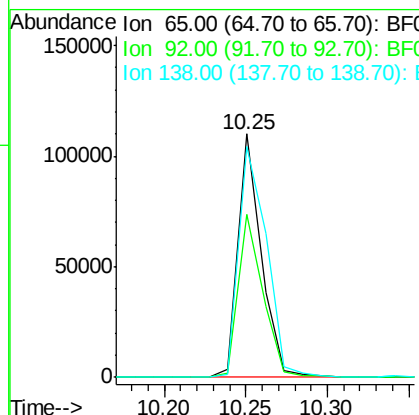
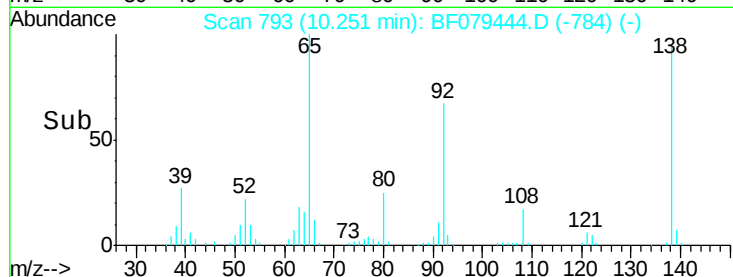
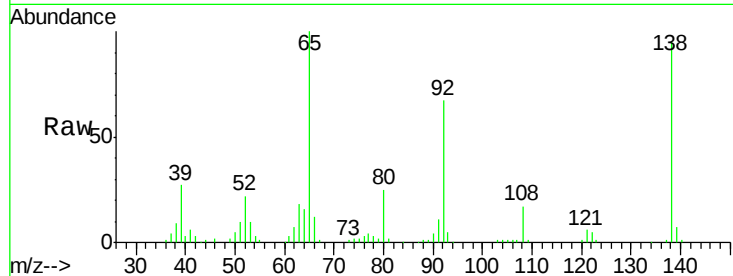
#47  
 2-Nitroaniline  
 Concen: 42.52 ng  
 RT: 10.25 min Scan# 793  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 108420 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 67.2  | 49.1  | 73.7   |
| 138       | 94.9  | 63.2  | 94.8#  |

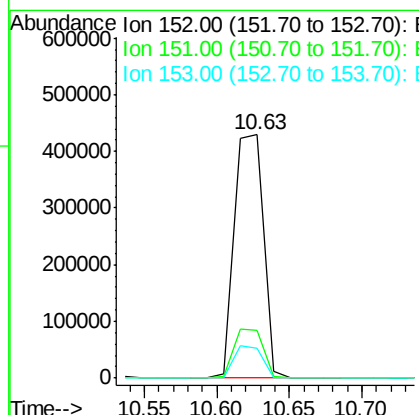
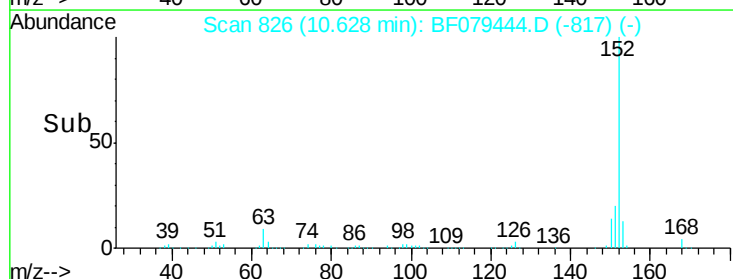
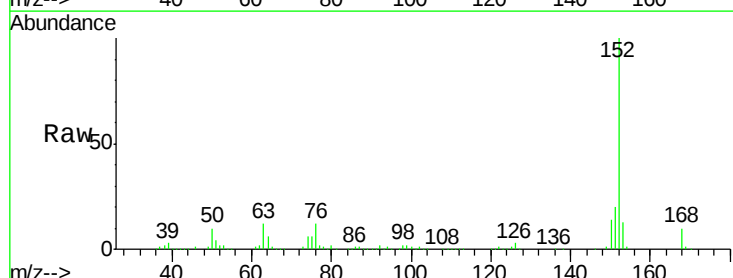
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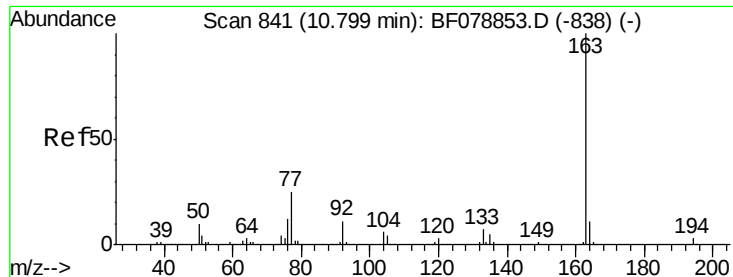
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#48  
 Acenaphthylene  
 Concen: 41.57 ng  
 RT: 10.63 min Scan# 826  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 600645 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.6  | 16.6  | 24.8   |
| 153       | 12.5  | 11.0  | 16.6   |





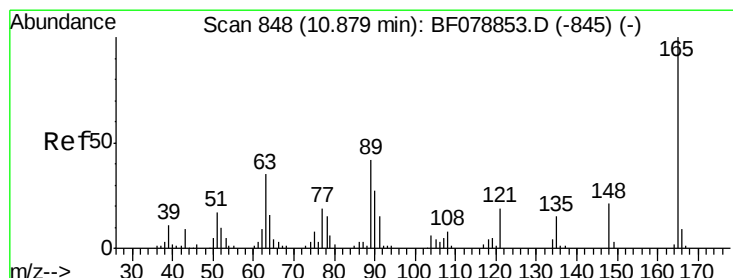
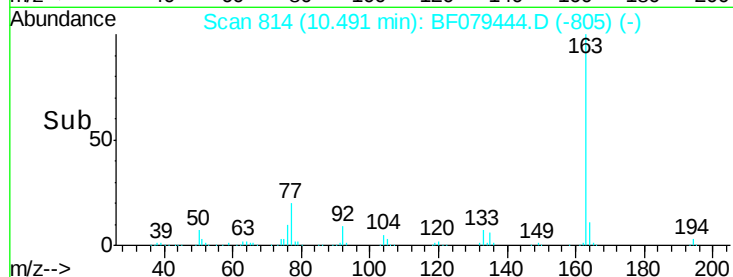
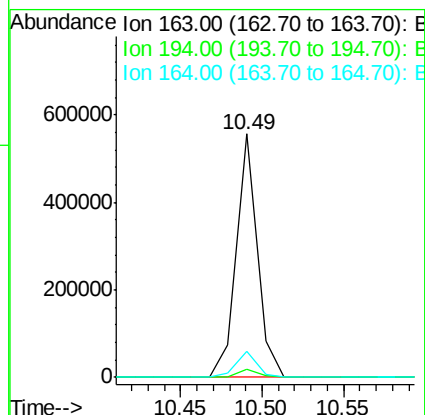
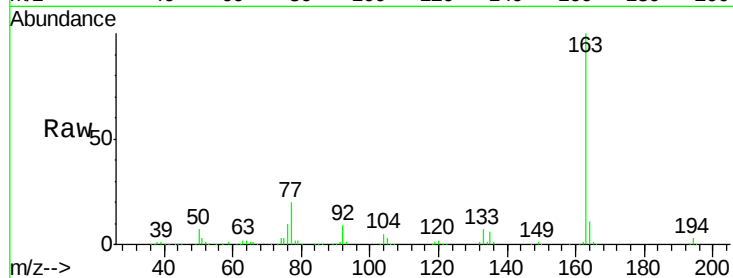
#49  
Dimethylphthalate  
Concen: 47.31 ng  
RT: 10.49 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 492738 |       |       |
| 194     | 3.2   |        | 2.4   | 3.6   |
| 164     | 10.5  |        | 8.6   | 12.8  |

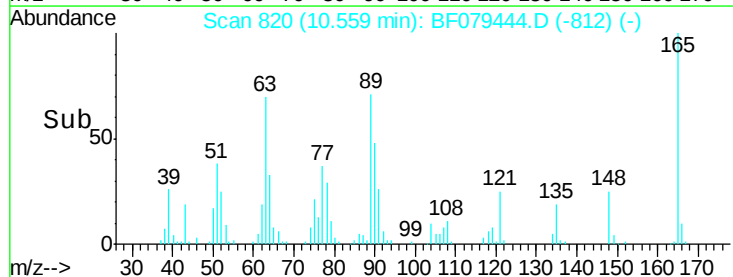
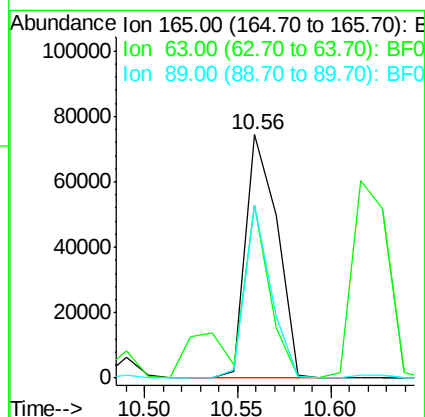
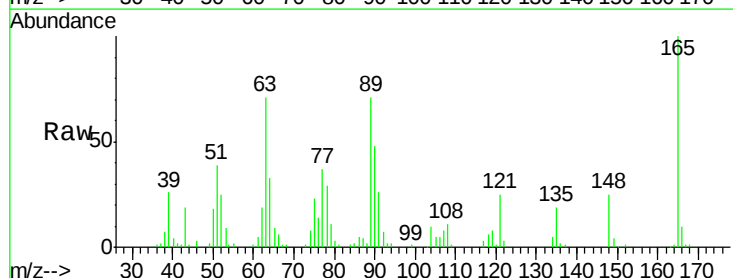
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#50  
2,6-Dinitrotoluene  
Concen: 42.54 ng  
RT: 10.56 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 87443 |       |       |
| 63      | 71.4  |       | 29.2  | 43.8# |
| 89      | 71.4  |       | 33.3  | 49.9# |





#51

Acenaphthene

Concen: 39.93 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

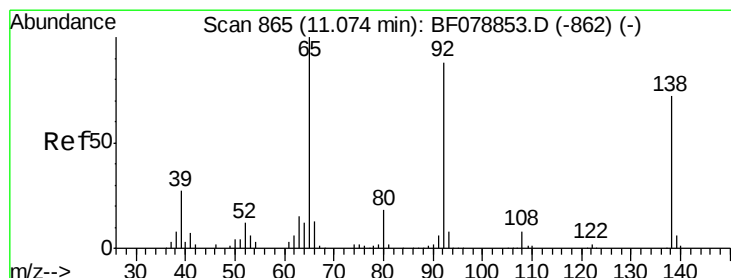
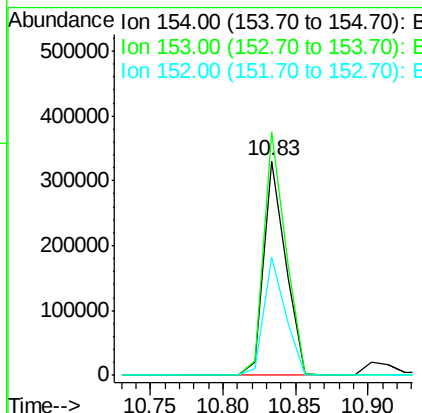
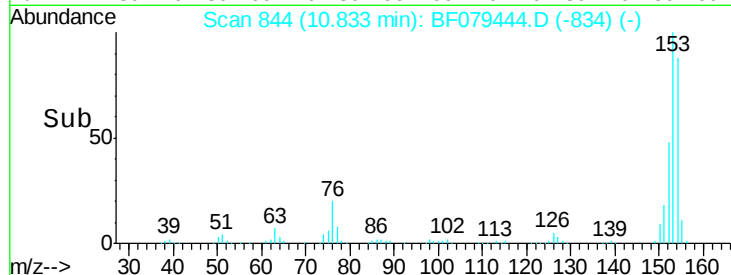
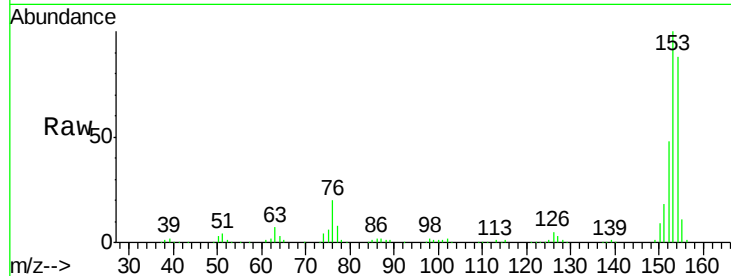
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 344053 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 90.2  | 135.2  |
| 152       | 54.9  | 43.8  | 65.8   |

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#52

3-Nitroaniline

Concen: 35.38 ng

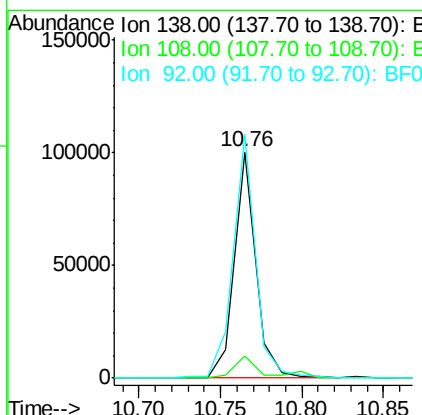
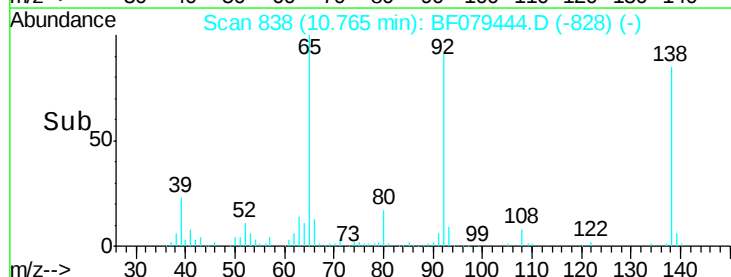
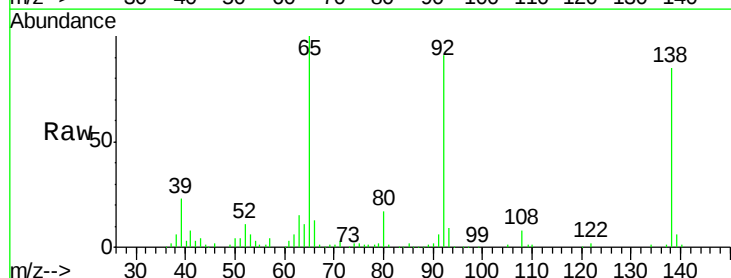
RT: 10.76 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 90839 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.6   | 8.5   | 12.7  |
| 92        | 107.7 | 97.4  | 146.0 |





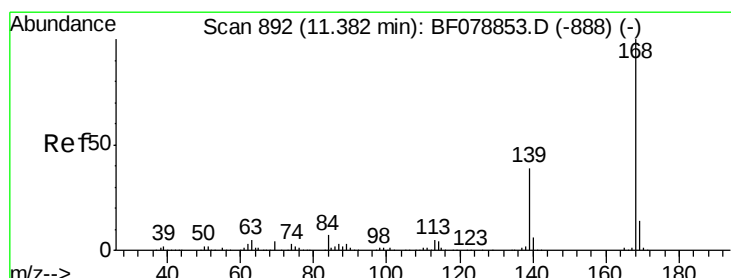
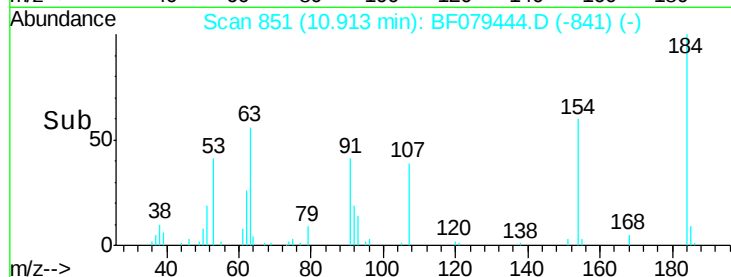
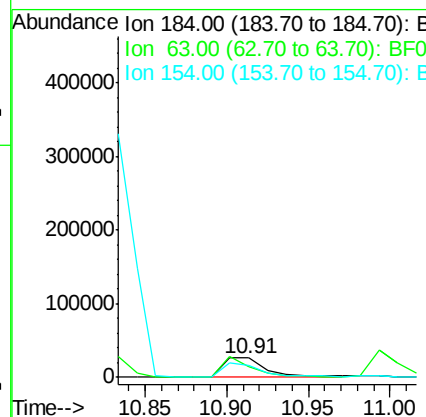
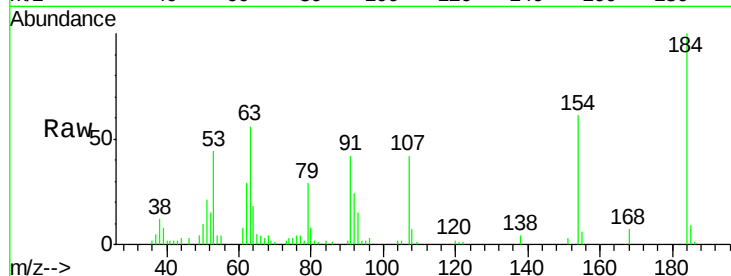
#53  
2,4-Dinitrophenol  
Concen: 65.18 ng  
RT: 10.91 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

Tot Ion:184 Resp: 49523  
Ion Ratio Lower Upper  
184 100  
63 56.0 98.8 148.2#  
154 61.3 63.4 95.0#

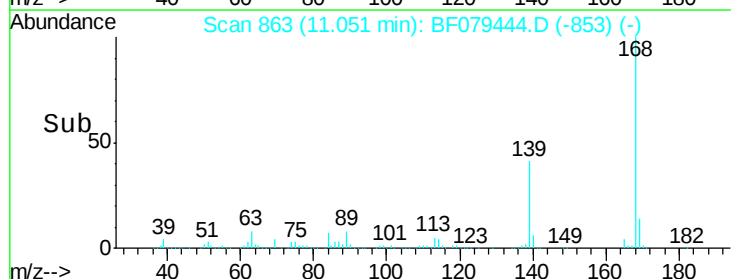
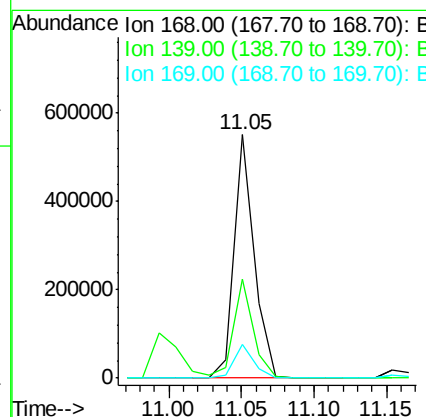
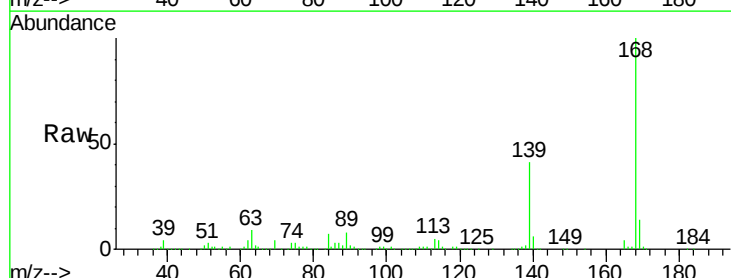
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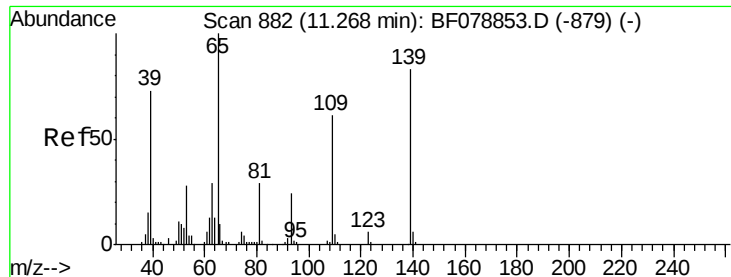
apatel  
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#54  
Dibenzofuran  
Concen: 42.27 ng  
RT: 11.05 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Tgt Ion:168 Resp: 526035  
Ion Ratio Lower Upper  
168 100  
139 40.5 31.5 47.3  
169 13.9 11.0 16.4





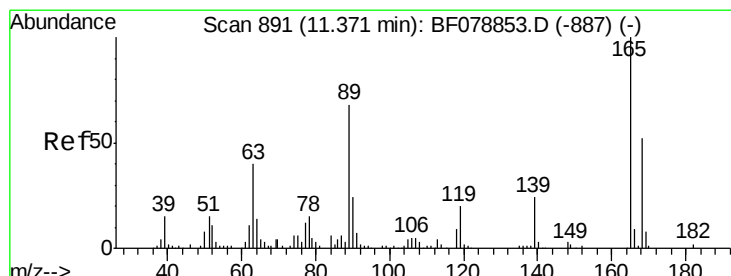
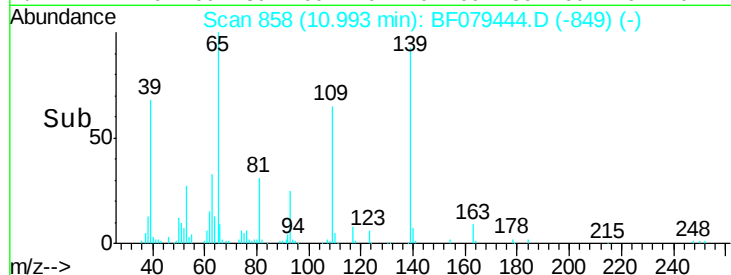
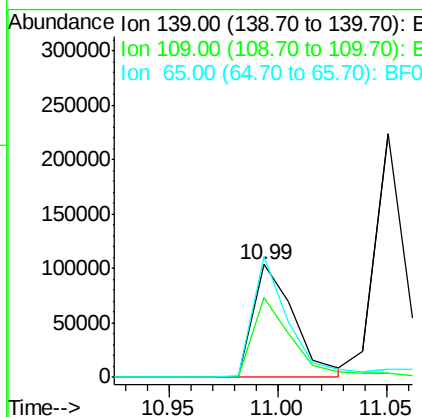
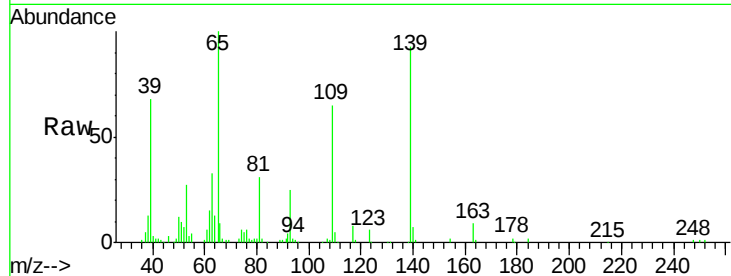
#55  
4-Nitrophenol  
Concen: 66.65 ng  
RT: 10.99 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   |       |       |       |
| 109     | 70.1  | 54.4  | 94.4  |       |
| 65      | 107.3 | 101.0 | 141.0 |       |

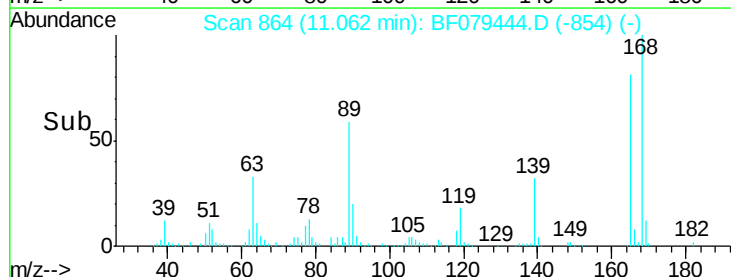
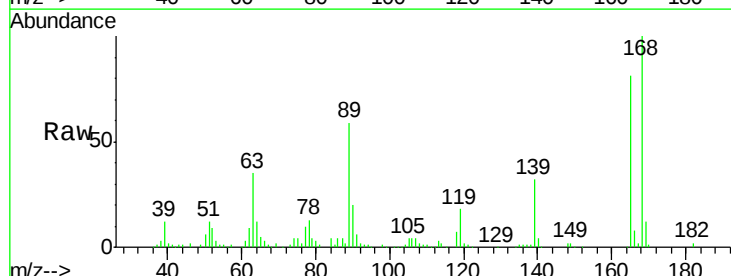
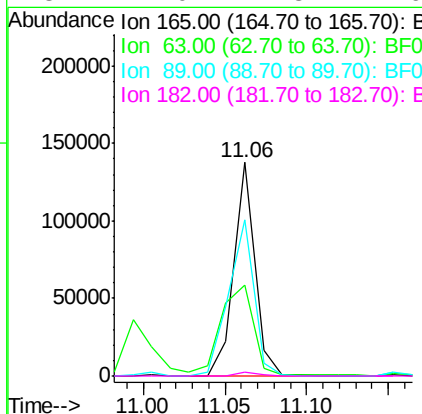
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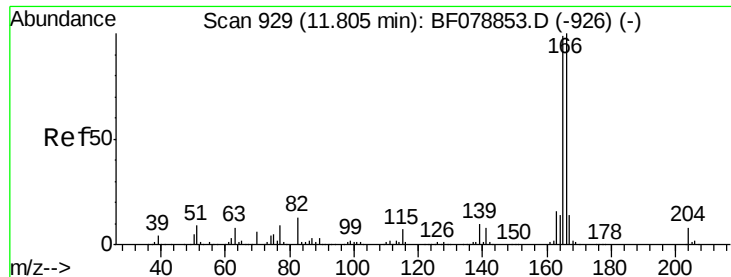
apatel  
5/27/2015 8:16:18 AM



#56  
2,4-Dinitrotoluene  
Concen: 45.00 ng  
RT: 11.06 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 42.8  | 32.3 | 48.5  |       |
| 89      | 72.9  | 54.6 | 81.8  |       |
| 182     | 2.0   | 1.8  | 2.6   |       |





#57

Fluorene

Concen: 41.89 ng

RT: 11.47 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

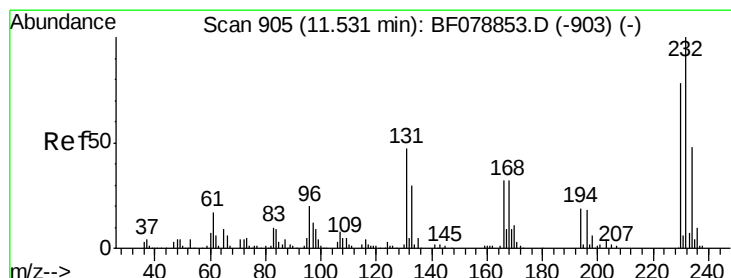
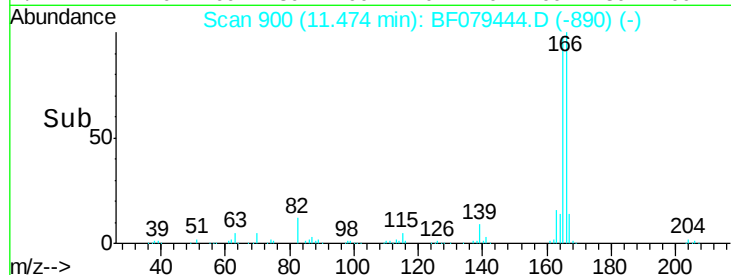
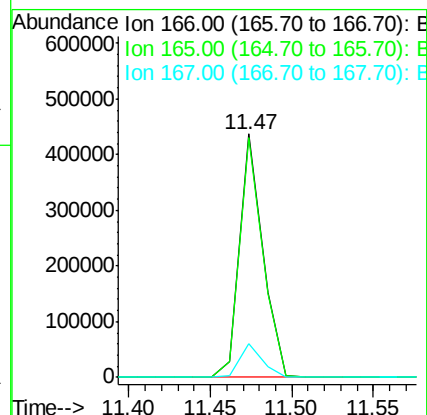
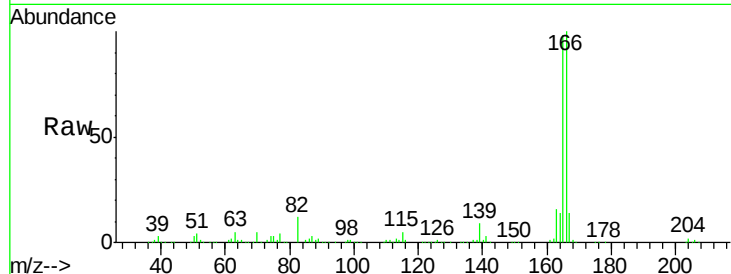
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 427953 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 79.5  | 119.3  |
| 167       | 13.9  | 11.0  | 16.6   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.85 ng

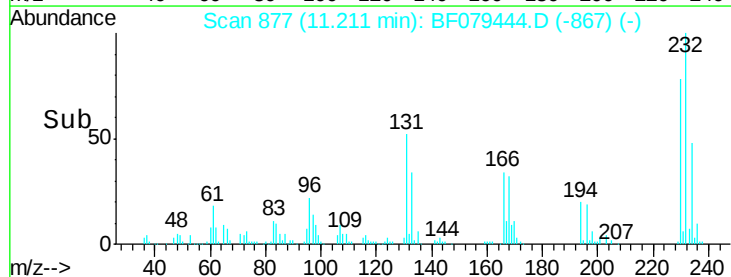
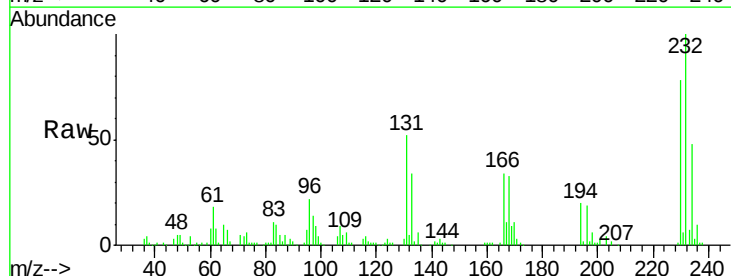
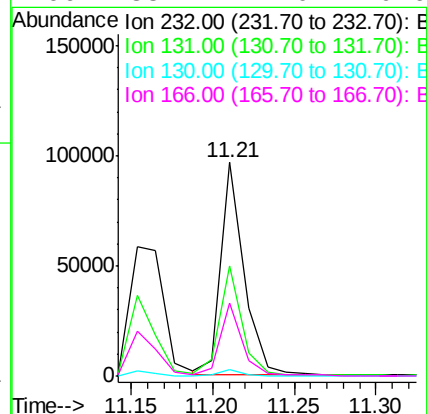
RT: 11.21 min Scan# 877

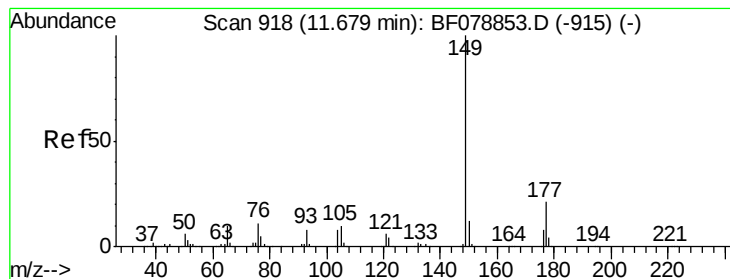
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 94997 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 50.6  | 41.9  | 62.9  |
| 130       | 2.7   | 1.9   | 2.9   |
| 166       | 33.7  | 27.0  | 40.6  |





#59

Diethylphthalate

Concen: 41.34 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

ClientSampleId :

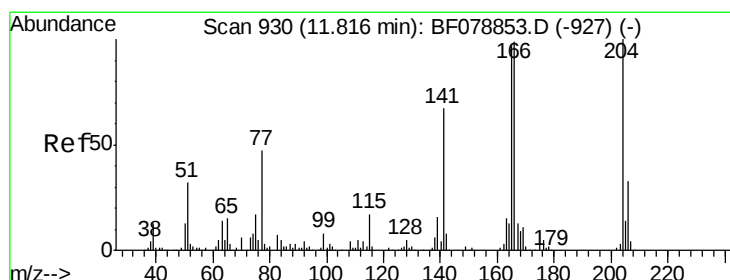
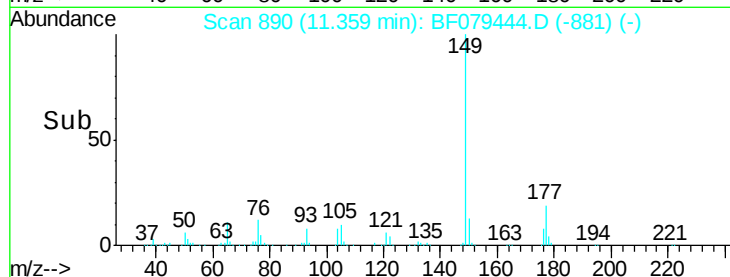
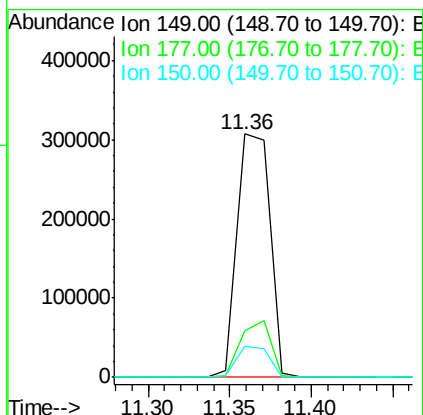
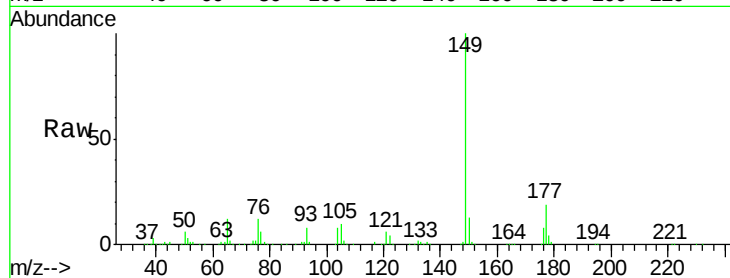
FK-BPM-02-G1-G2-G3-G4MSD

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 426554 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 19.1  | 16.4  | 24.6   |
| 150       | 12.8  | 9.8   | 14.6   |



#60

4-Chlorophenyl-phenylether

Concen: 40.42 ng

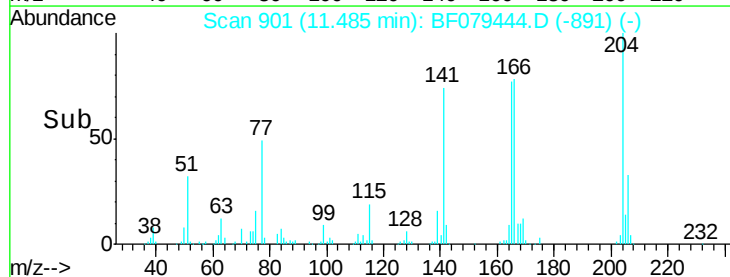
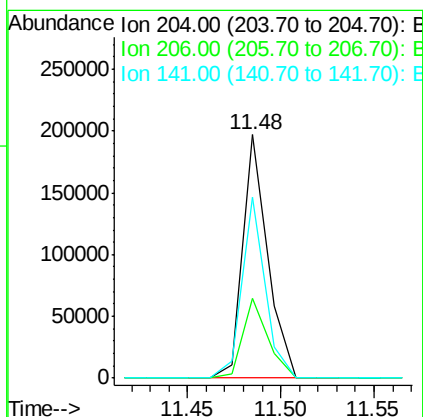
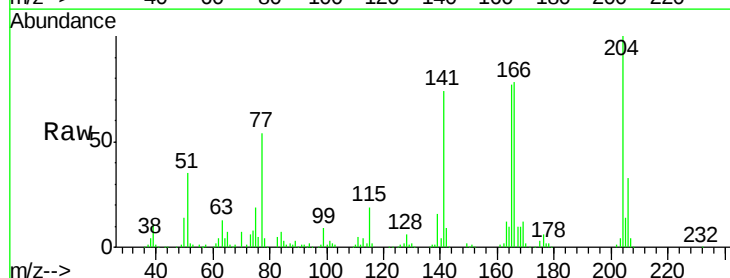
RT: 11.48 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 183151 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.5  | 26.2  | 39.4   |
| 141       | 74.3  | 53.6  | 80.4   |





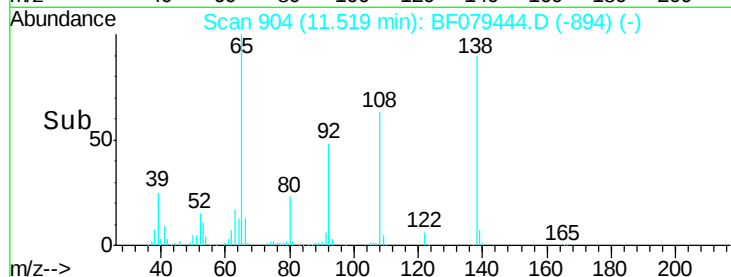
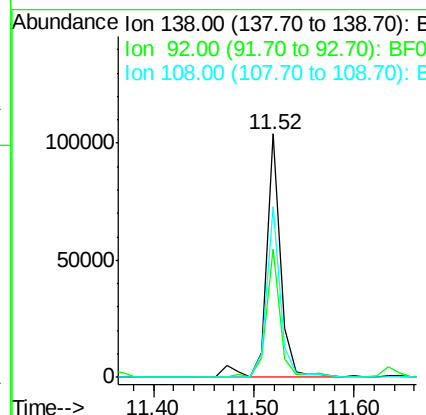
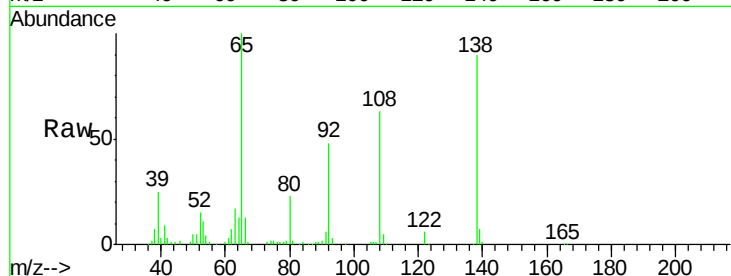
#61  
4-Nitroaniline  
Concen: 40.04 ng  
RT: 11.52 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 102851 |       |       |
| 92      | 52.9  | 33.7   | 73.7  |       |
| 108     | 70.0  | 53.4   | 93.4  |       |

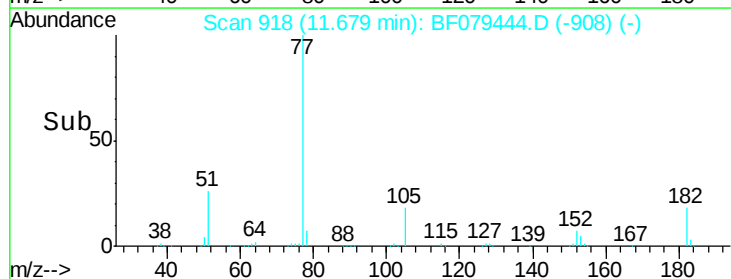
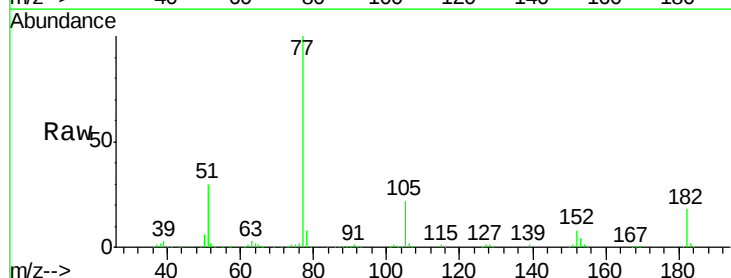
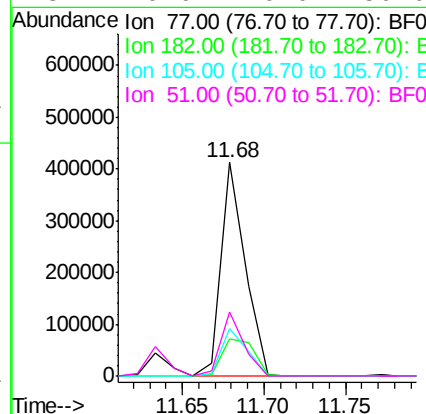
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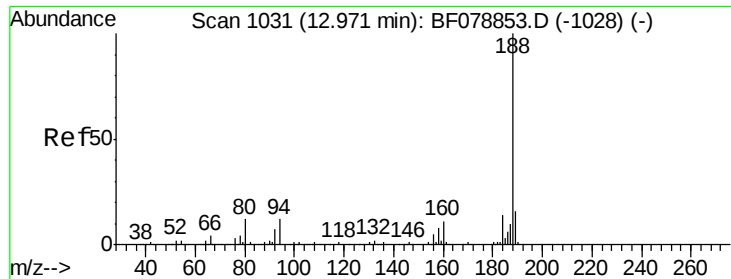
apatel  
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#62  
Azobenzene  
Concen: 41.42 ng  
RT: 11.68 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 421099 |       |       |
| 182     | 17.7  | 0.0    | 40.0  |       |
| 105     | 22.3  | 2.9    | 42.9  |       |
| 51      | 29.9  | 10.0   | 50.0  |       |





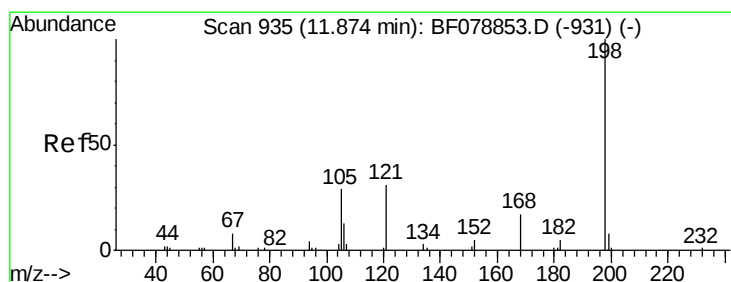
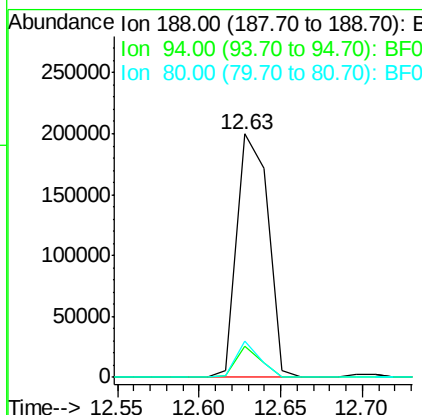
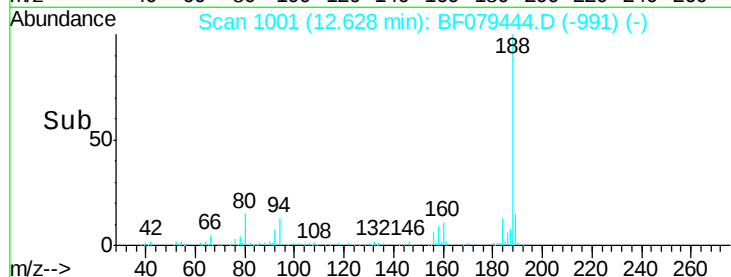
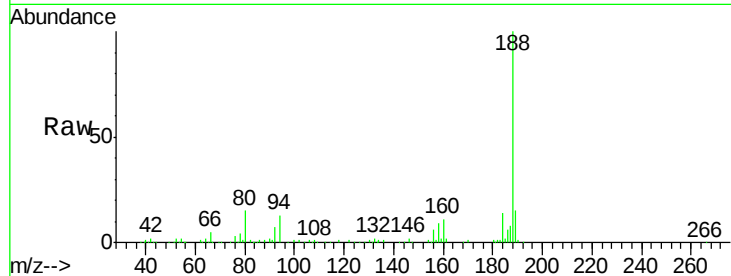
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.63 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 13.0  | 9.4        | 14.0  |
| 80      | 14.6  | 9.8        | 14.6# |

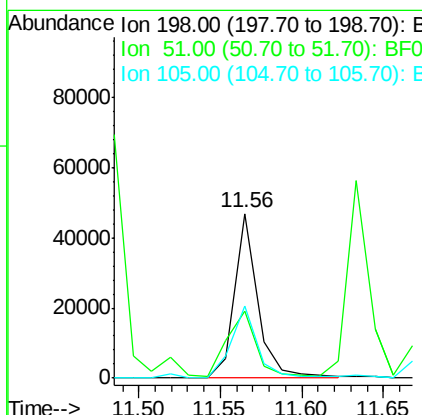
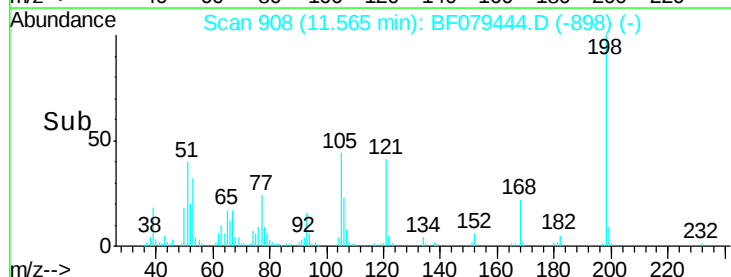
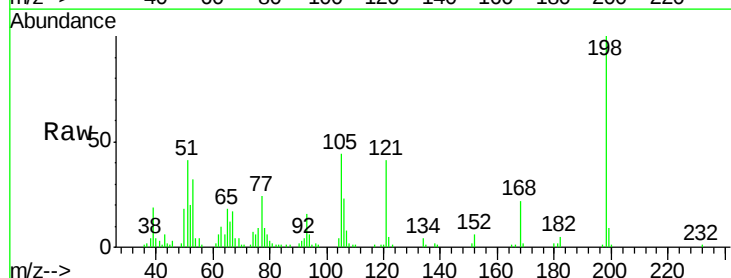
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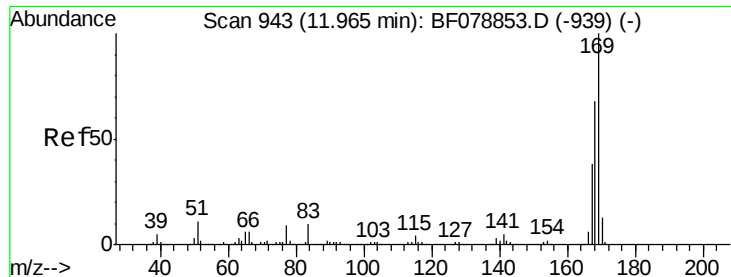
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.69 ng  
RT: 11.56 min Scan# 908  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 40.9  | 7.0        | 47.0  |
| 105     | 44.2  | 13.7       | 53.7  |





#65

n-Nitrosodiphenylamine

Concen: 40.97 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

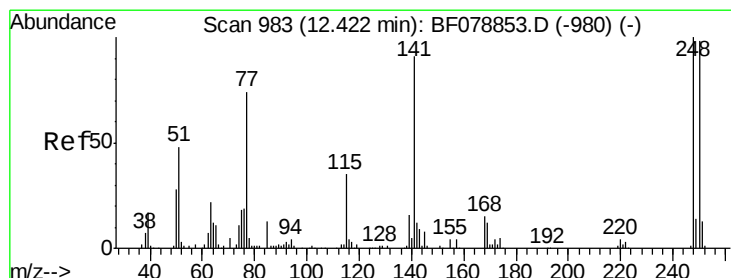
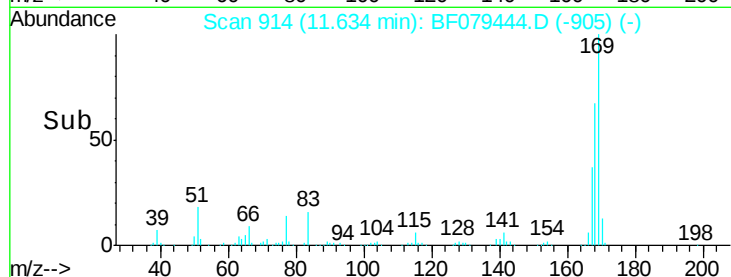
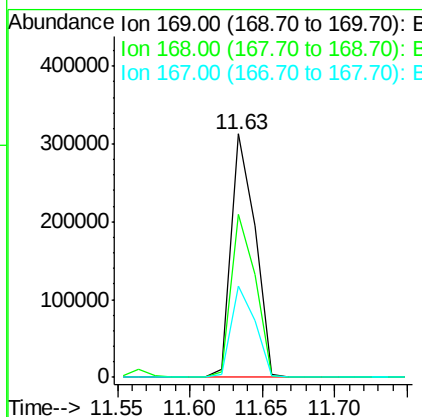
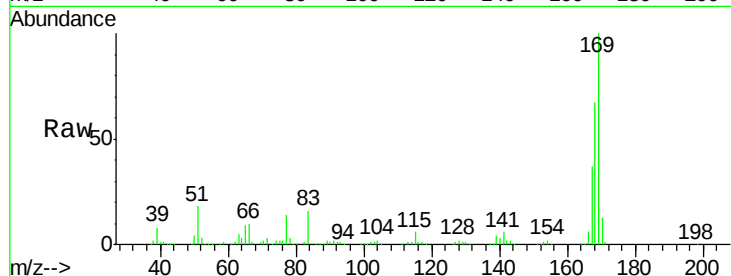
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 359568 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.0  | 54.1  | 81.1   |
| 167       | 37.4  | 30.1  | 45.1   |

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#66

4-Bromophenyl-phenylether

Concen: 43.09 ng

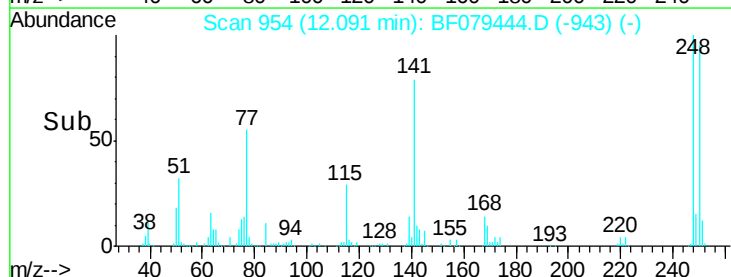
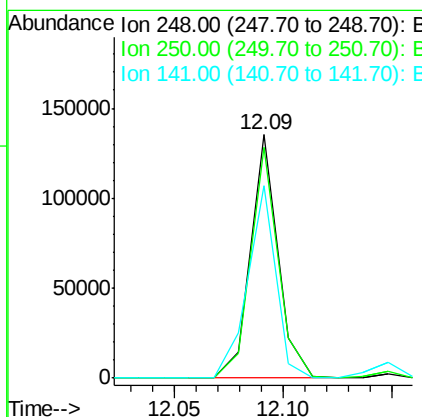
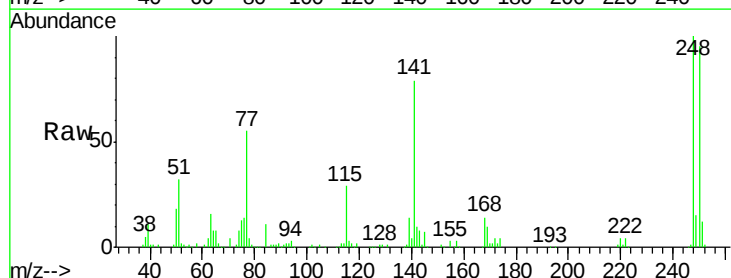
RT: 12.09 min Scan# 954

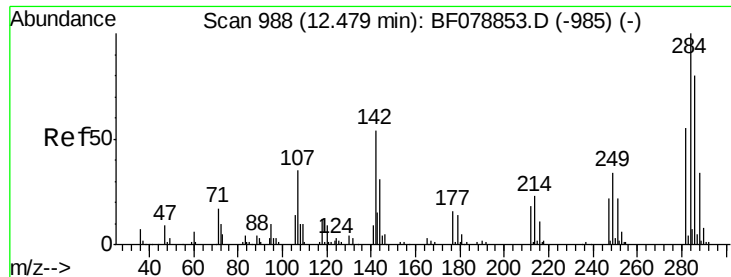
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 118352 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.0  | 78.0  | 117.0  |
| 141       | 78.9  | 72.6  | 109.0  |





#67

Hexachlorobenzene

Concen: 42.25 ng

RT: 12.15 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

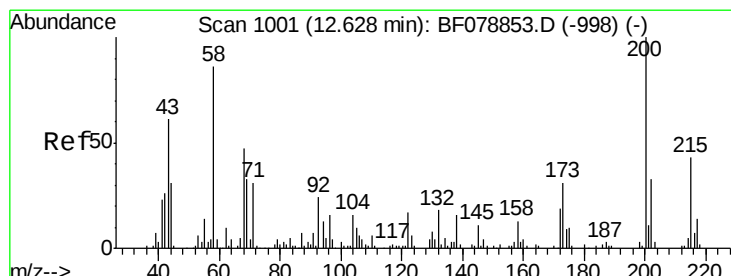
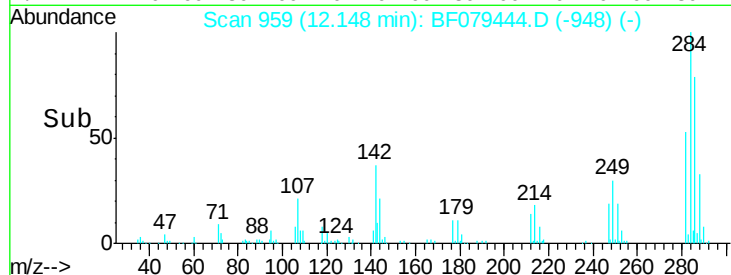
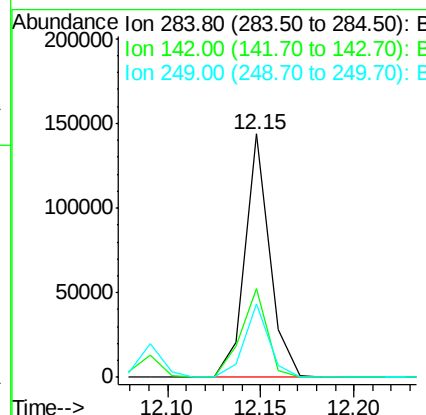
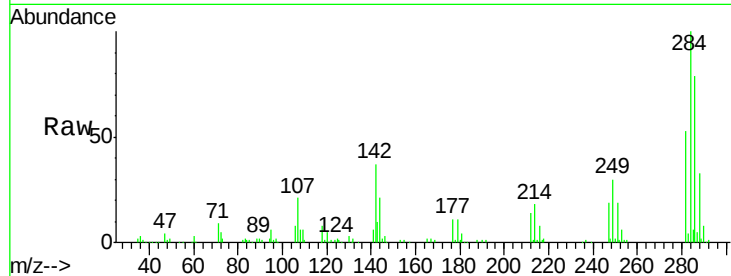
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 132625 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 36.5  | 43.2  | 64.8#  |
| 249       | 29.9  | 27.5  | 41.3   |

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#68

Atrazine

Concen: 45.81 ng

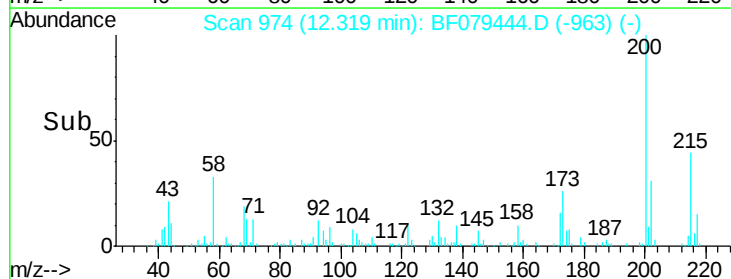
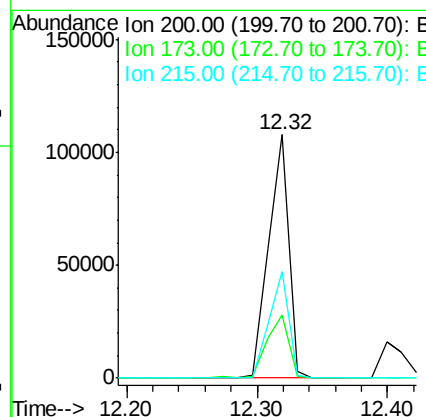
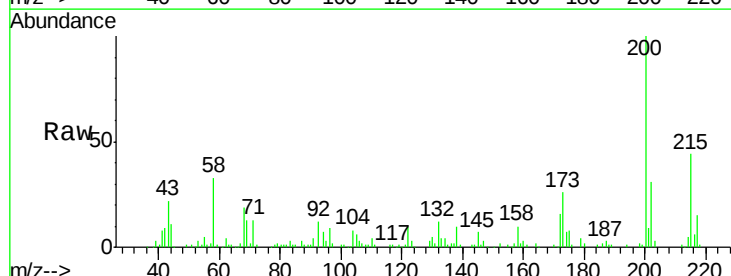
RT: 12.32 min Scan# 974

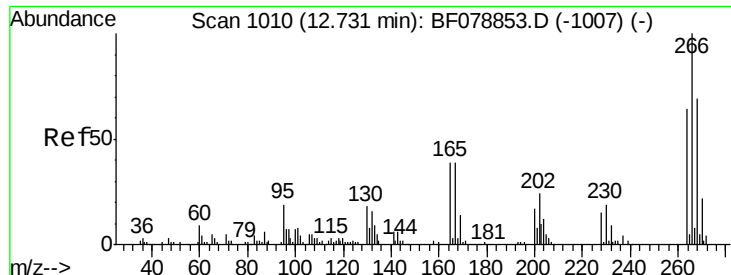
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 116907 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.1  | 10.9  | 50.9   |
| 215       | 43.9  | 23.2  | 63.2   |





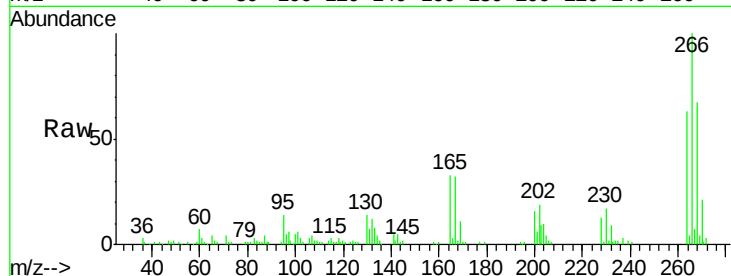
#69  
 Pentachlorophenol  
 Concen: 63.10 ng  
 RT: 12.41 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

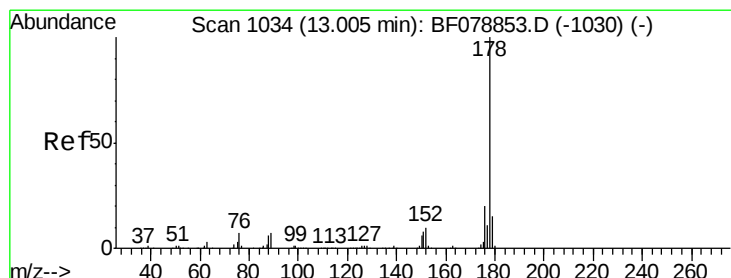
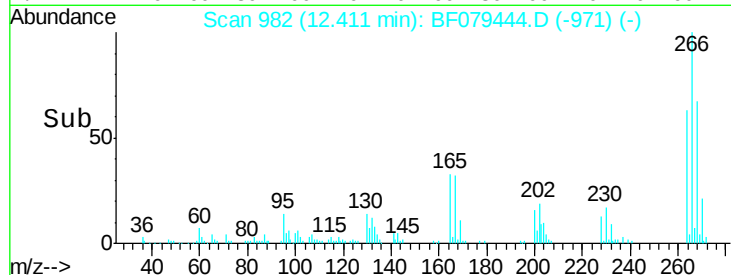
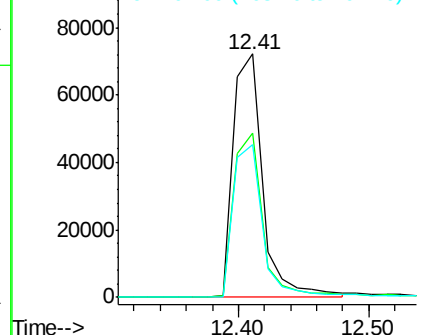
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 112989 |       |       |
| 268     | 67.4  | 55.0   | 82.6  |       |
| 264     | 62.6  | 50.9   | 76.3  |       |

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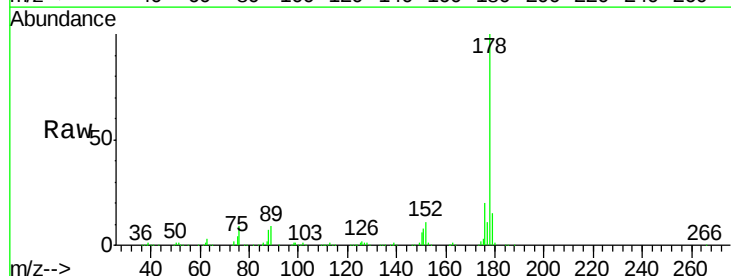


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

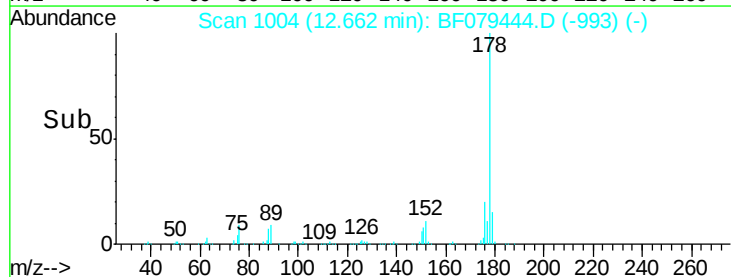
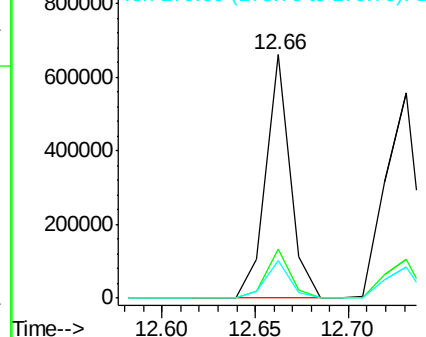


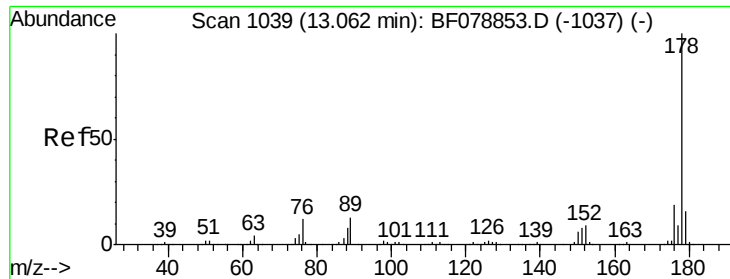
#70  
 Phenanthrene  
 Concen: 41.05 ng  
 RT: 12.66 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 605213 |       |       |
| 176     | 20.2  | 15.9   | 23.9  |       |
| 179     | 15.4  | 12.2   | 18.4  |       |



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





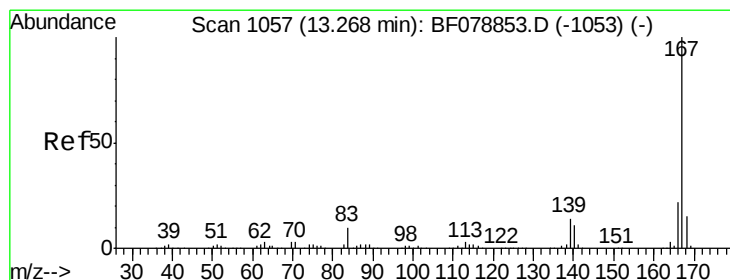
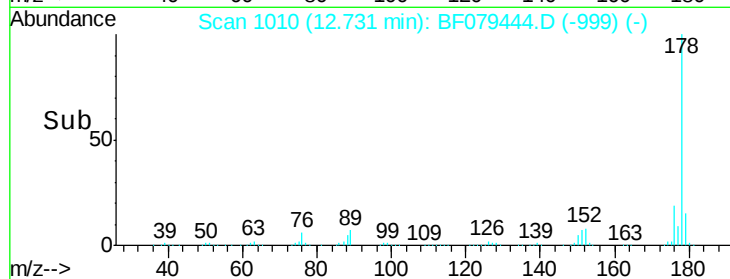
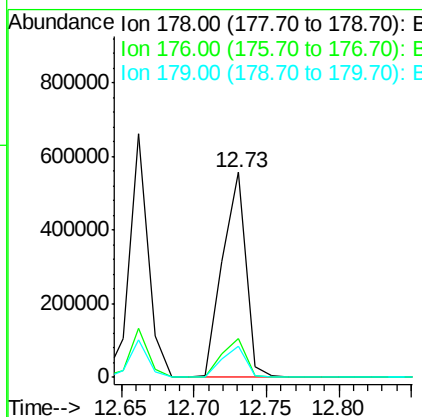
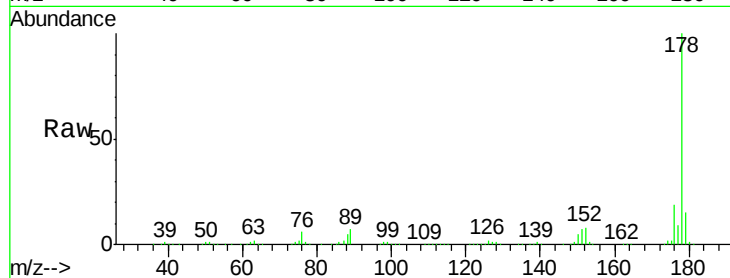
#71  
 Anthracene  
 Concen: 43.14 ng  
 RT: 12.73 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.3  | 22.9  |
| 179     | 15.2  | 12.6  | 19.0  |

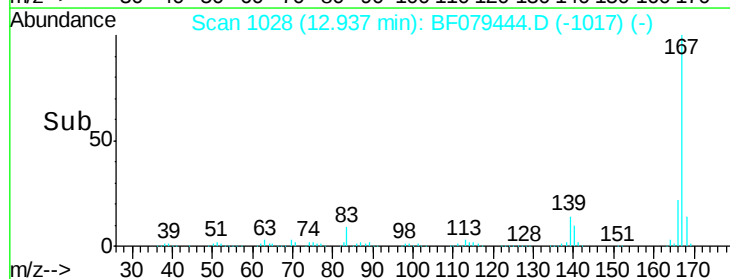
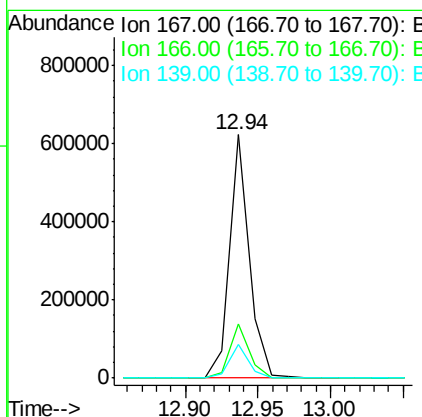
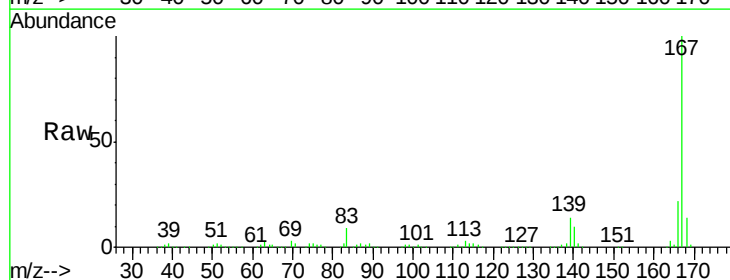
Manual Integrations  
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#72  
 Carbazole  
 Concen: 42.94 ng  
 RT: 12.94 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.5  | 26.3  |
| 139     | 13.8  | 11.0  | 16.4  |





#73

Di-n-butylphthalate

Concen: 42.69 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

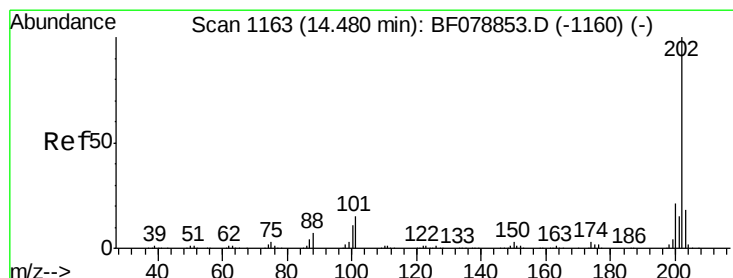
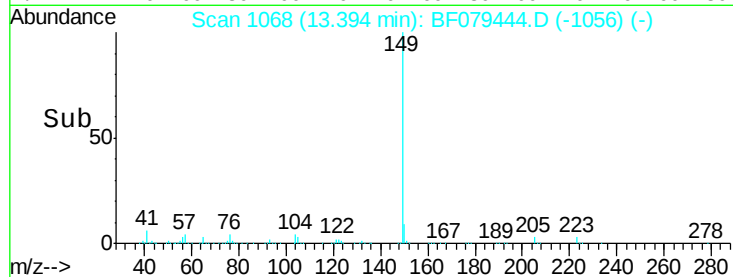
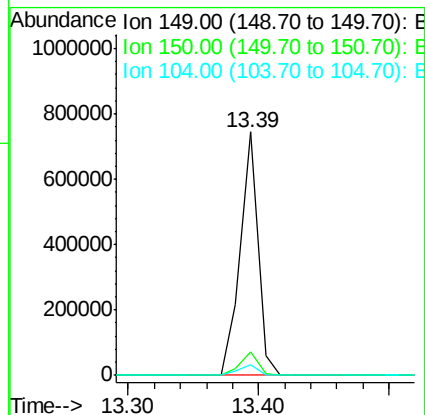
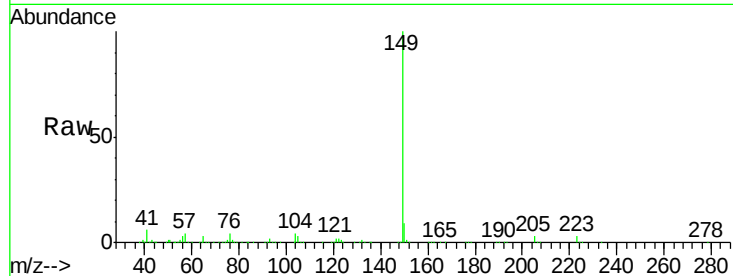
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 705777 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.0   | 10.4   |
| 104       | 4.4   | 3.3   | 4.9    |

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#74

Fluoranthene

Concen: 42.40 ng

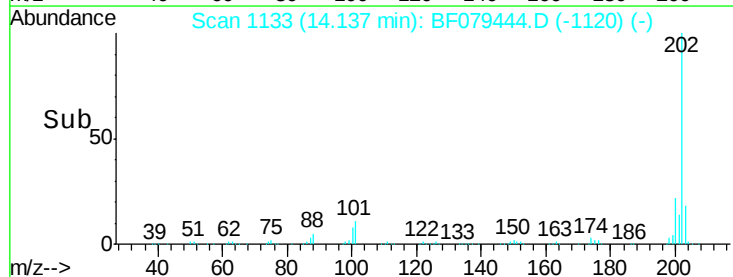
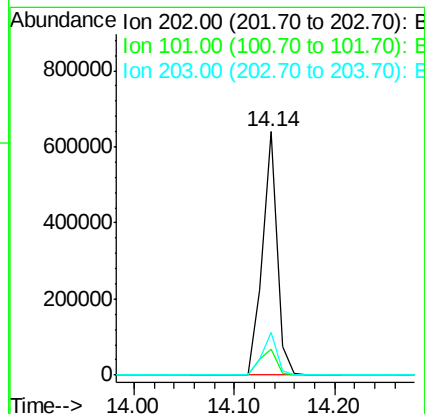
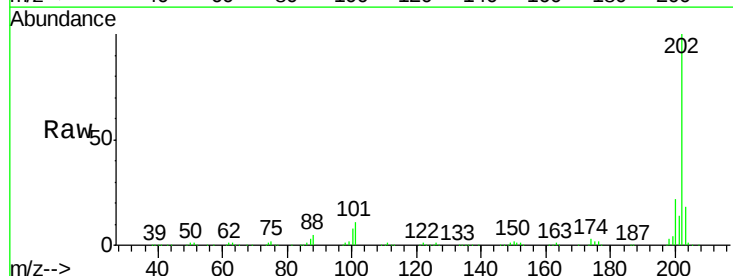
RT: 14.14 min Scan# 1133

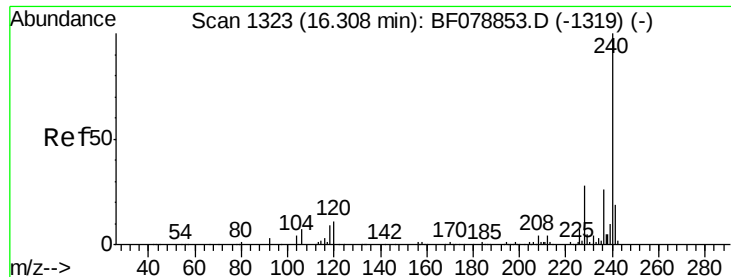
Delta R.T. -0.00 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 651328 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.9  | 0.0   | 34.7   |
| 203       | 17.8  | 0.0   | 37.9   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

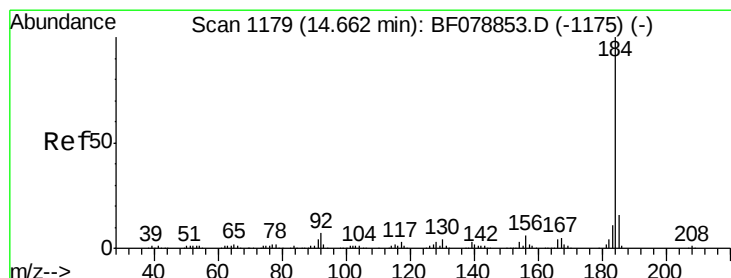
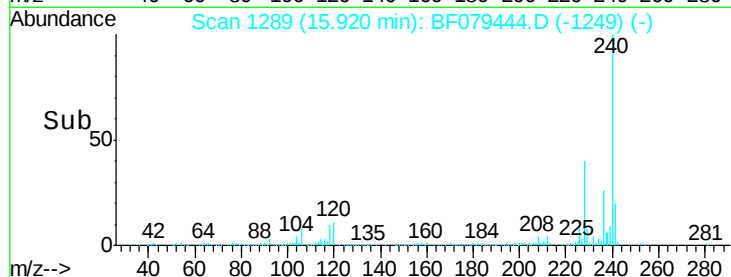
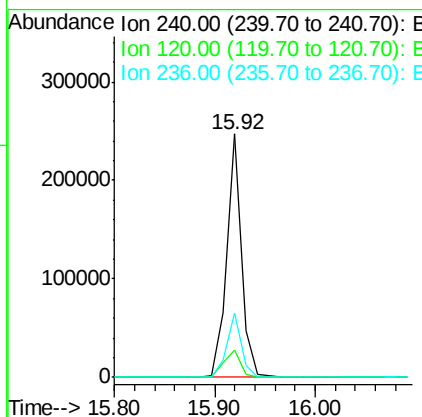
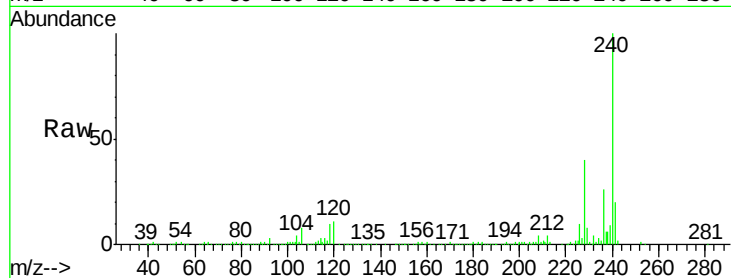
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 252413 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.0  | 8.6   | 12.8   |
| 236       | 26.5  | 21.0  | 31.6   |

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#76

Benzidine

Concen: 36.57 ng

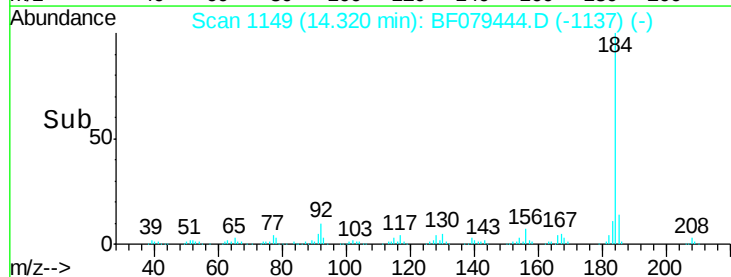
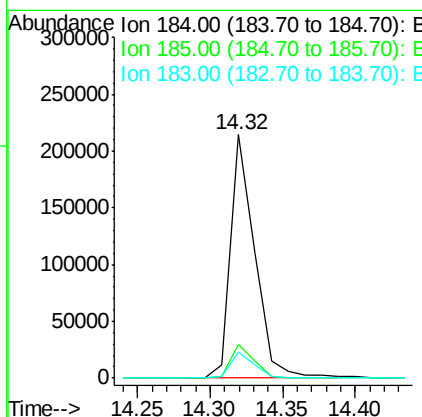
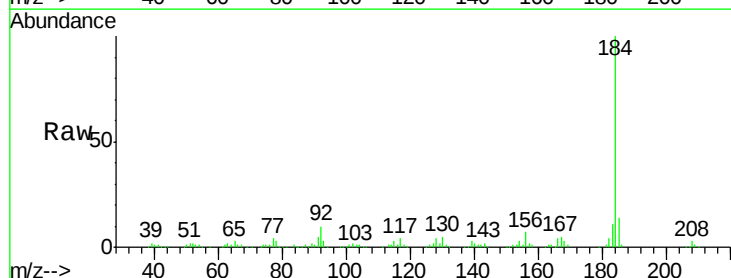
RT: 14.32 min Scan# 1149

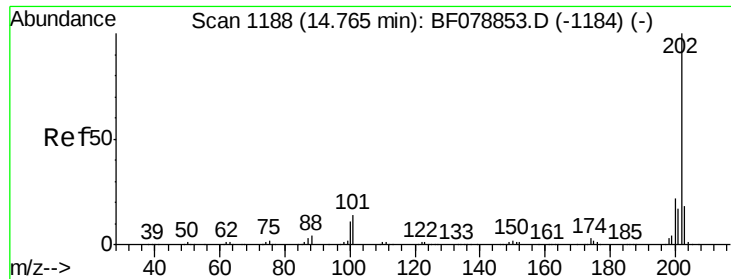
Delta R.T. -0.01 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 248767 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.0  | 12.8  | 19.2   |
| 183       | 10.9  | 9.0   | 13.4   |





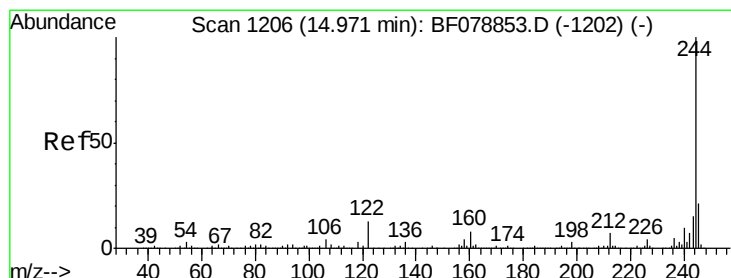
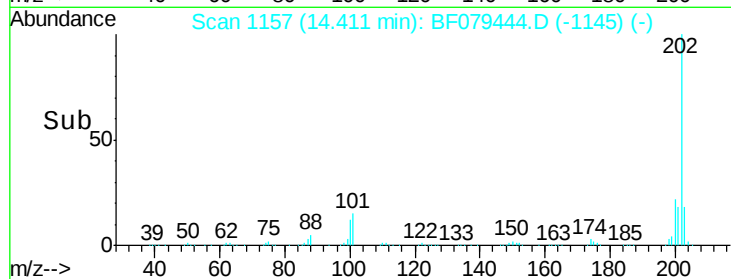
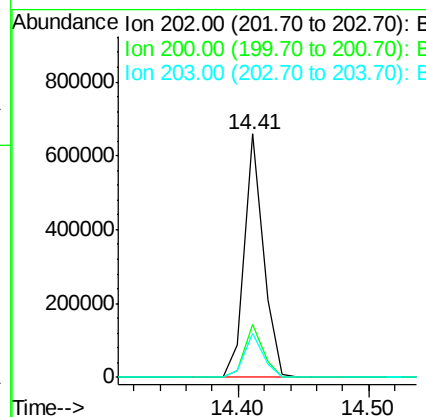
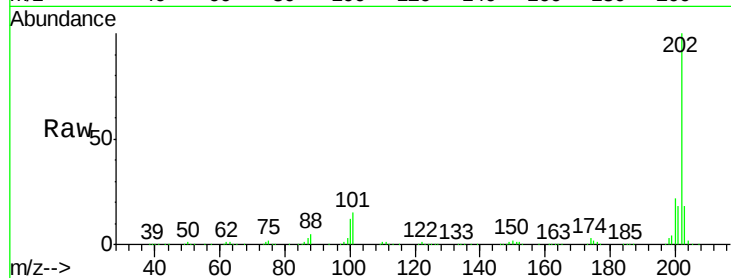
#77  
Pvrene  
Concen: 45.60 ng  
RT: 14.41 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.7  | 17.5       | 26.3  |
| 203     | 18.2  | 14.7       | 22.1  |

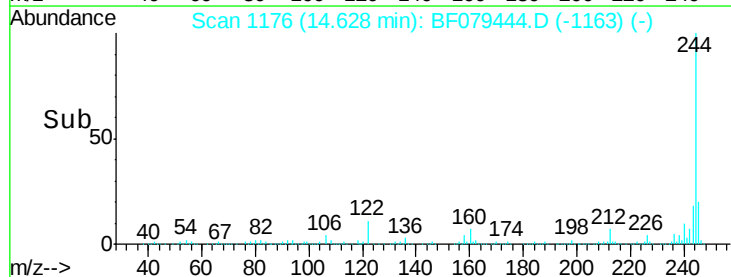
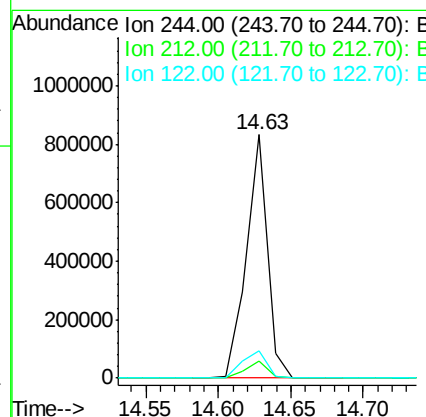
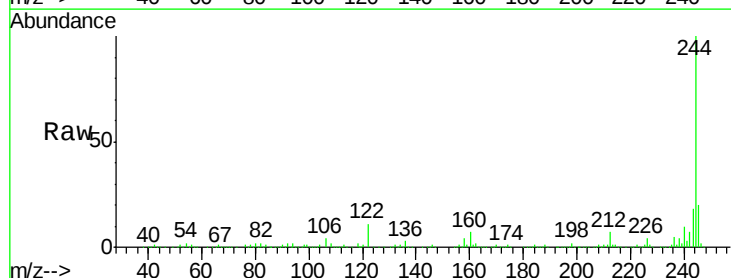
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#78  
Terphenyl-d14  
Concen: 79.64 ng  
RT: 14.63 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.9   | 5.6        | 8.4   |
| 122     | 11.4  | 10.5       | 15.7  |





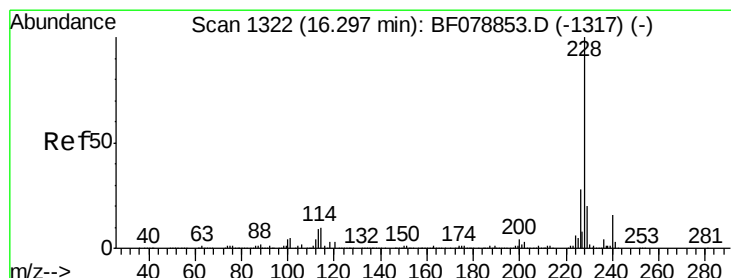
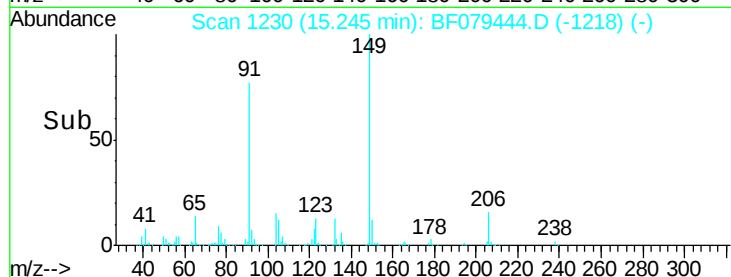
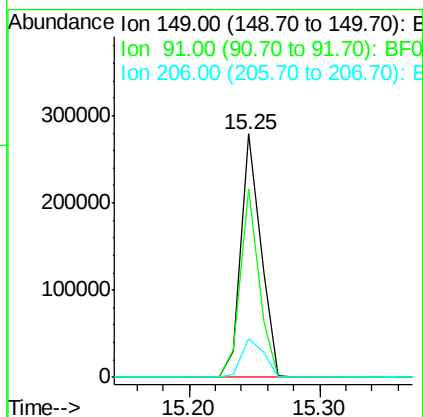
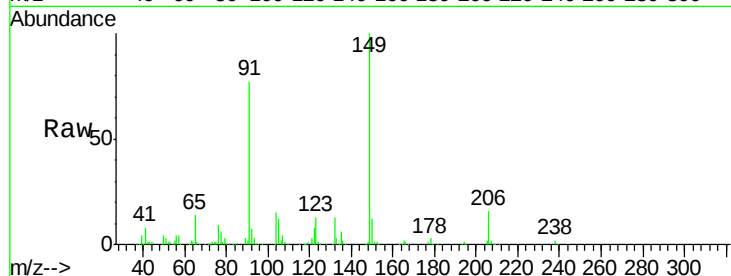
#79  
Butylbenzylphthalate  
Concen: 46.59 ng  
RT: 15.25 min Scan# 1230  
Delta R.T. -0.02 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 296214 |       |       |
| 91      | 77.3  | 56.2   | 84.2  |       |
| 206     | 15.9  | 15.2   | 22.8  |       |

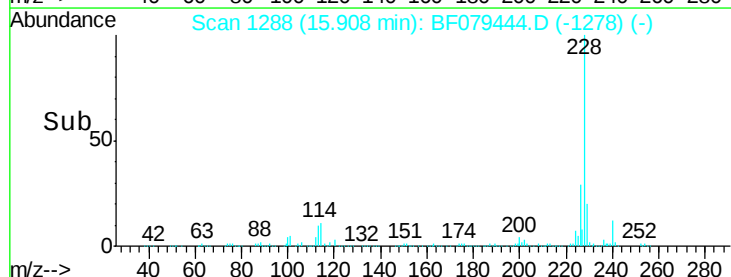
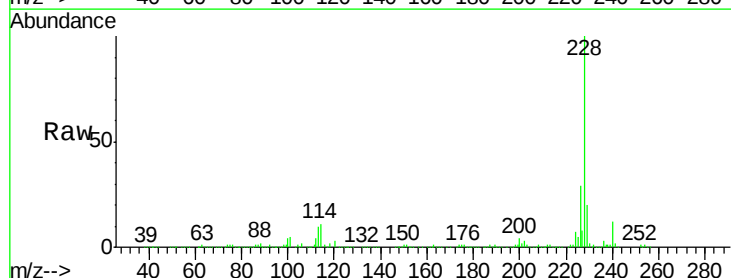
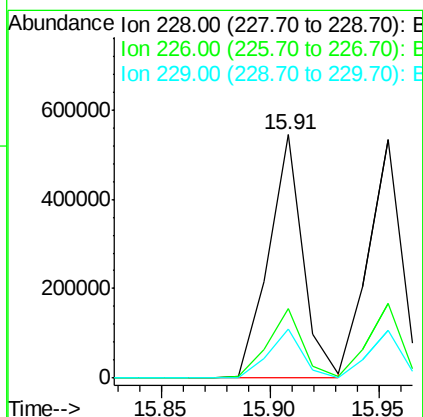
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#80  
Benzo(a)anthracene  
Concen: 43.30 ng  
RT: 15.91 min Scan# 1288  
Delta R.T. -0.05 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 598577 |       |       |
| 226     | 28.6  | 22.3   | 33.5  |       |
| 229     | 20.2  | 16.1   | 24.1  |       |





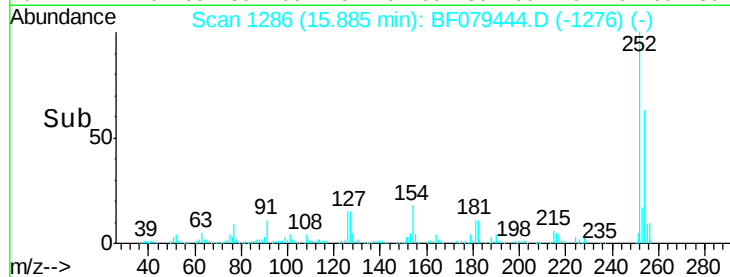
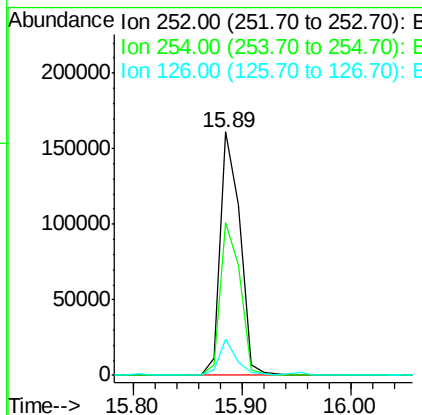
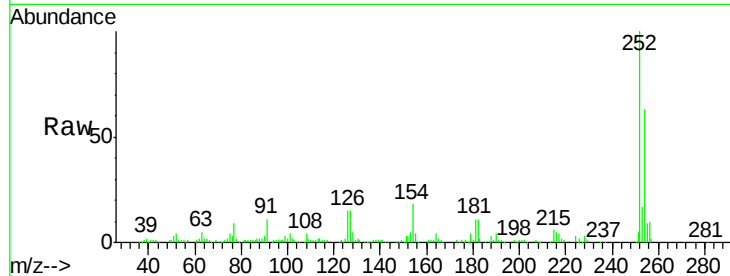
#81  
 3,3'-Dichlorobenzidine  
 Concen: 41.16 ng  
 RT: 15.89 min Scan# 1286  
 Delta R.T. -0.05 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 62.8  | 52.2       | 78.2  |
| 126     | 14.8  | 6.6        | 9.8   |

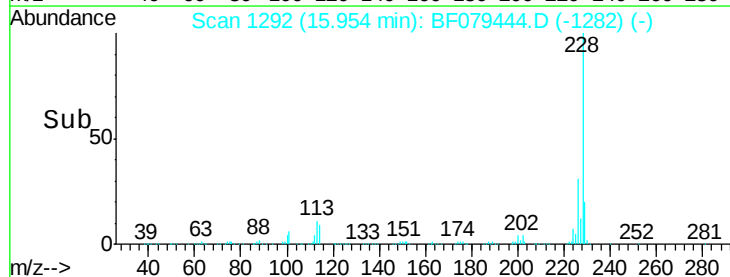
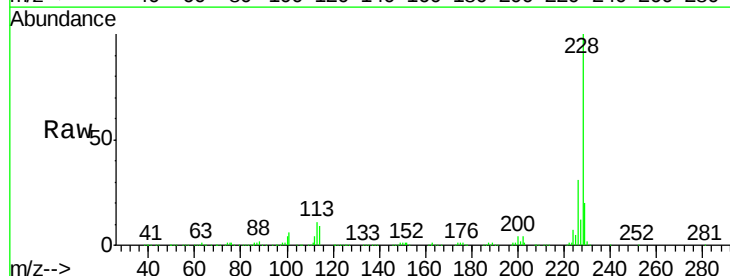
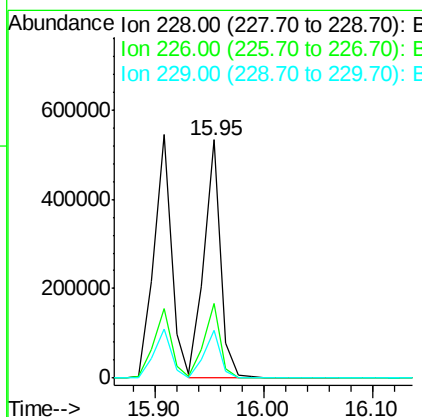
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#82  
 Chrysene  
 Concen: 42.64 ng  
 RT: 15.95 min Scan# 1292  
 Delta R.T. -0.05 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.4  | 24.8       | 37.2  |
| 229     | 19.8  | 16.1       | 24.1  |





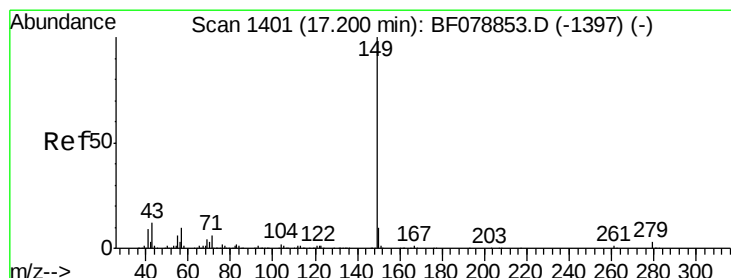
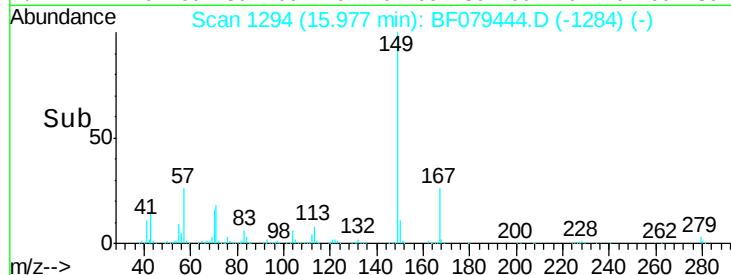
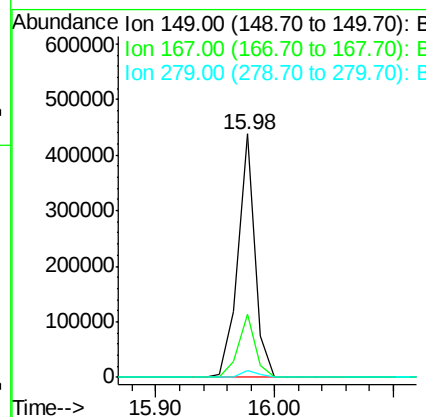
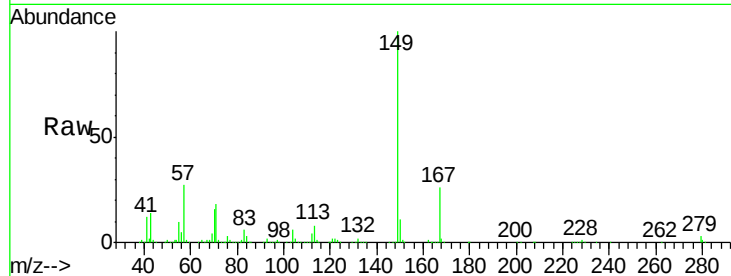
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.58 ng  
 RT: 15.98 min Scan# 1294  
 Delta R.T. -0.06 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 438924 |       |       |
| 167     | 26.2  |        | 21.2  | 31.8  |
| 279     | 2.9   |        | 2.6   | 4.0   |

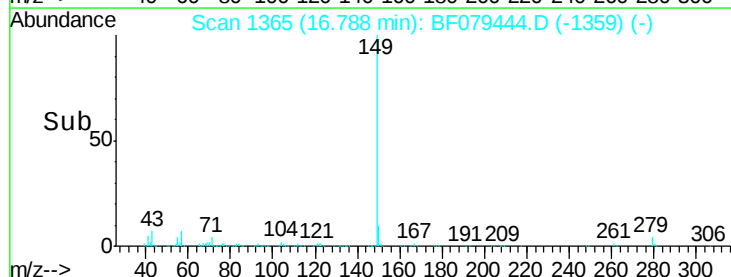
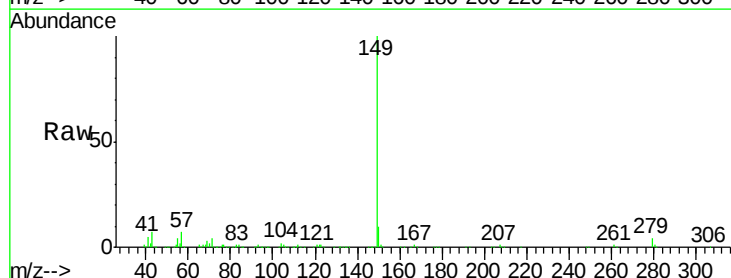
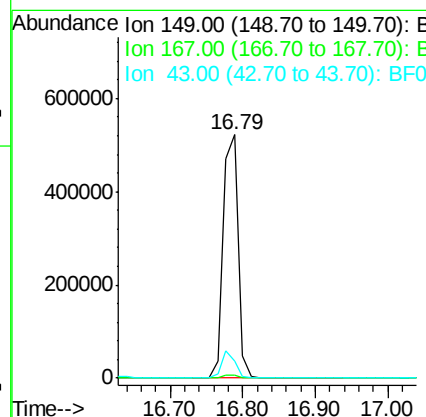
Manual Integrations  
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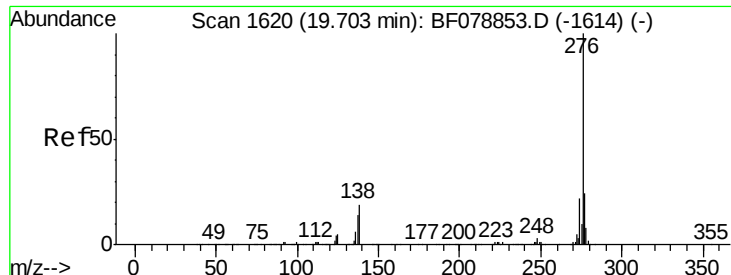
apatel  
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#84  
 Di-n-octyl phthalate  
 Concen: 43.99 ng  
 RT: 16.79 min Scan# 1365  
 Delta R.T. -0.10 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 746146 |       |       |
| 167     | 1.4   |        | 1.2   | 1.8   |
| 43      | 9.6   |        | 9.0   | 13.6  |





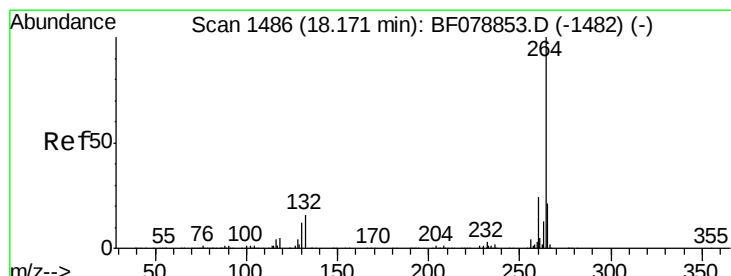
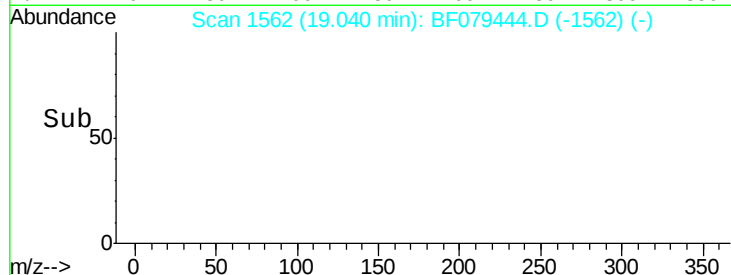
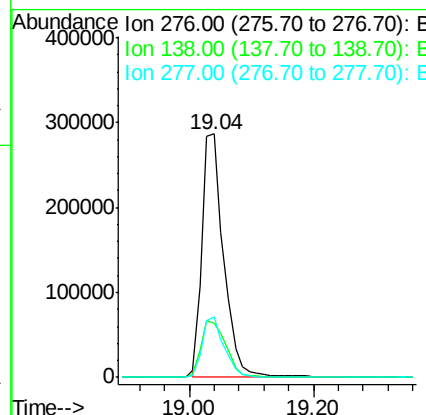
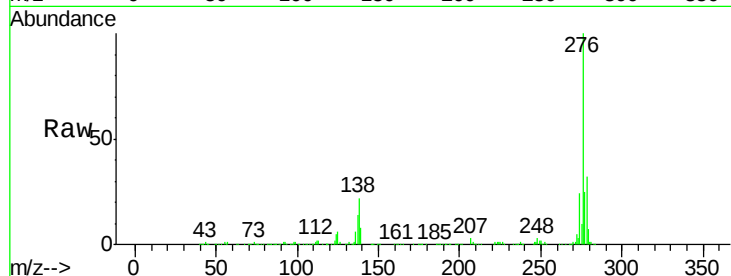
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.69 ng  
RT: 19.04 min Scan# 1562  
Delta R.T. -0.21 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.3  | 21.1  | 31.7  |
| 277     | 25.4  | 19.9  | 29.9  |

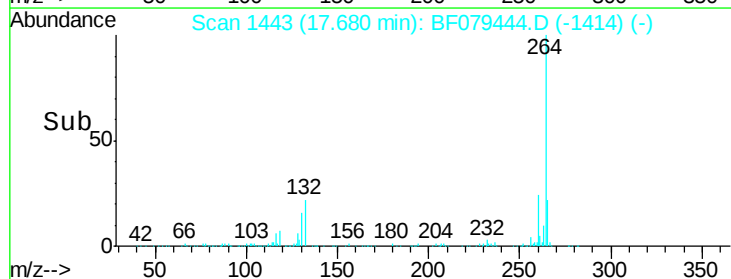
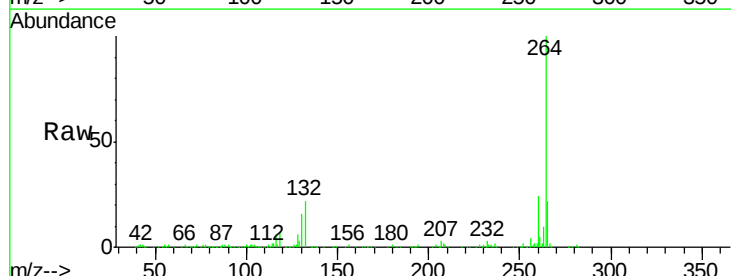
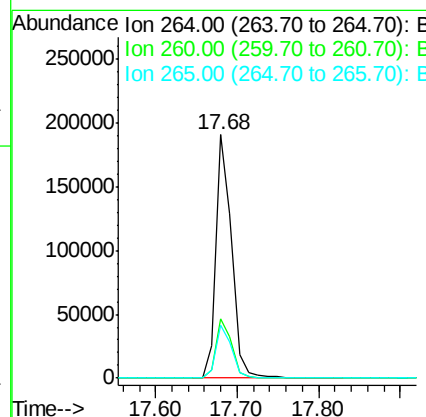
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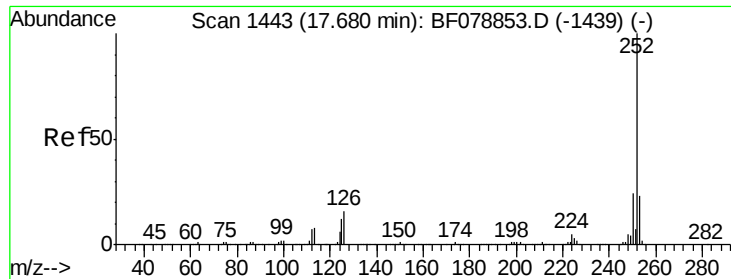
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.68 min Scan# 1443  
Delta R.T. -0.17 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.2  | 28.8  |
| 265     | 21.6  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 43.78 ng

RT: 17.22 min Scan# 1403

Delta R.T. -0.14 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

Instrument :

BNA\_F

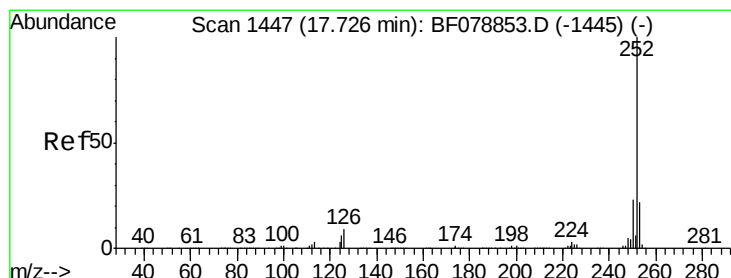
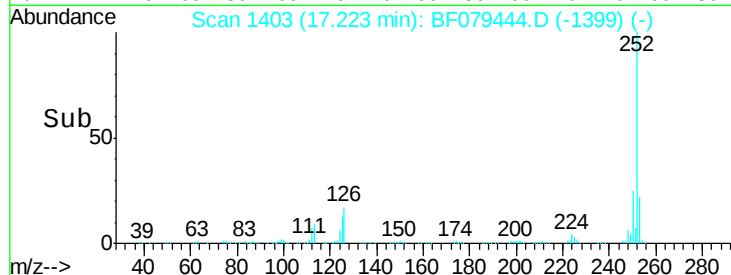
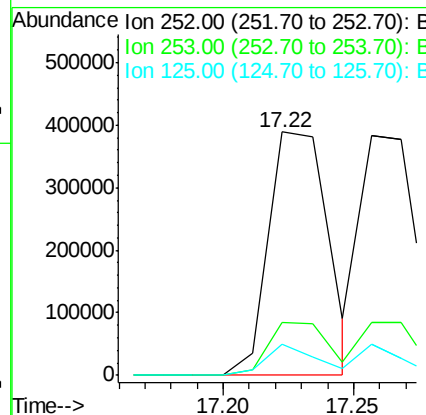
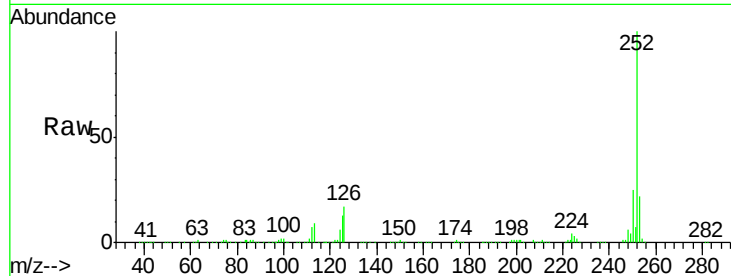
ClientSampleId :

FK-BPM-02-G1-G2-G3-G4MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 615783 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 18.1  | 27.1   |
| 125       | 12.8  | 9.4   | 14.2   |

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#88

Benzo(k)fluoranthene

Concen: 41.78 ng m

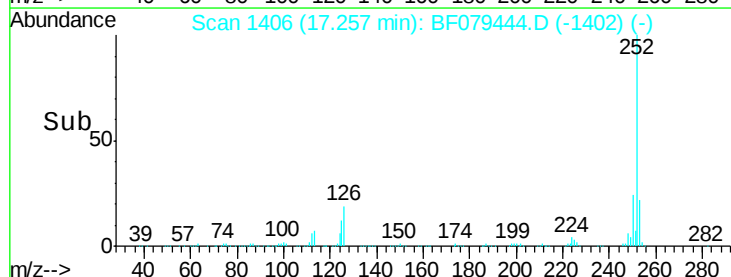
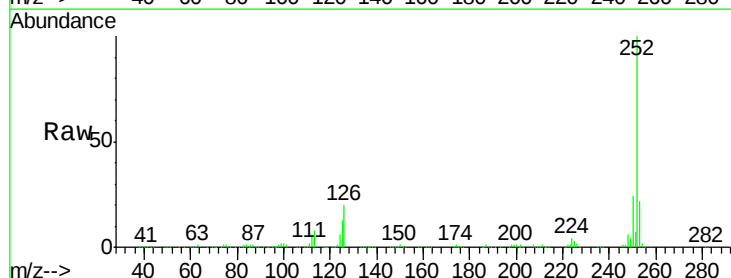
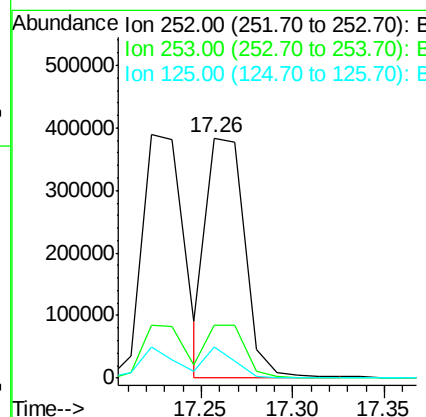
RT: 17.26 min Scan# 1406

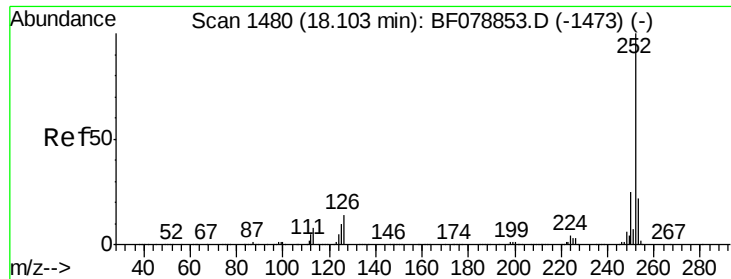
Delta R.T. -0.14 min

Lab File: BF079444.D

Acq: 22 May 2015 20:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 568972 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.4  | 26.0   |
| 125       | 13.1  | 6.1   | 9.1#   |





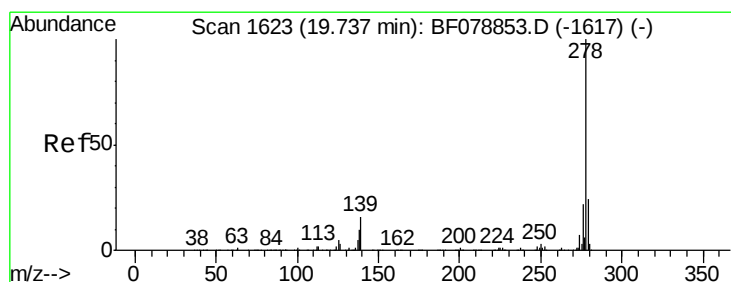
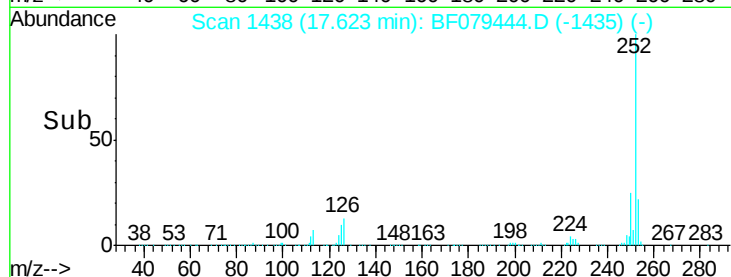
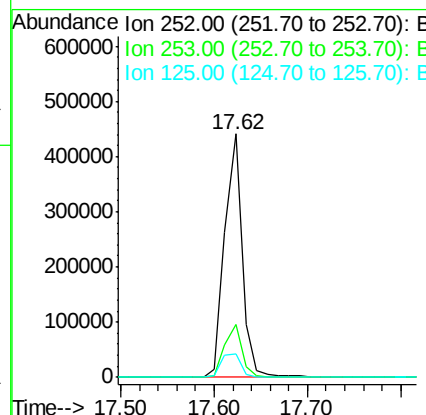
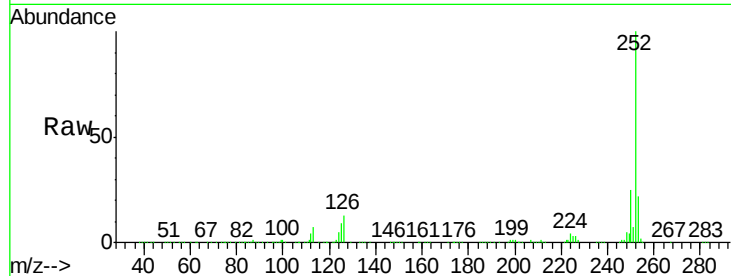
#89  
Benzo(a)pyrene  
Concen: 44.82 ng  
RT: 17.62 min Scan# 1438  
Delta R.T. -0.15 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-G1-G2-G3-G4MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.0  | 27.0  |
| 125     | 9.5   | 8.2   | 12.2  |

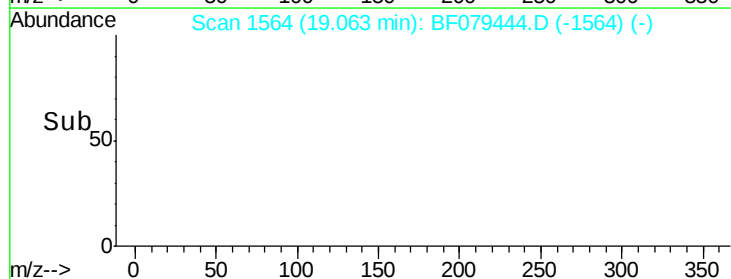
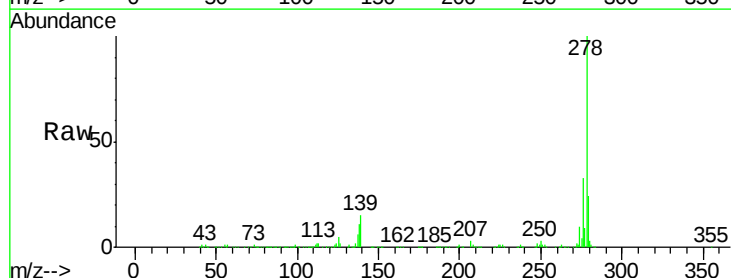
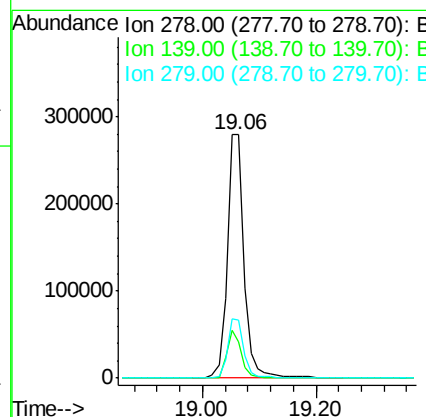
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.95 ng  
RT: 19.06 min Scan# 1564  
Delta R.T. -0.21 min  
Lab File: BF079444.D  
Acq: 22 May 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.9  | 13.1  | 19.7  |
| 279     | 23.7  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.99 ng  
 RT: 19.43 min Scan# 1596  
 Delta R.T. -0.22 min  
 Lab File: BF079444.D  
 Acq: 22 May 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-G1-G2-G3-G4MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 593147 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.4 | 18.8  | 28.2   |
| 138       | 21.7 | 15.2  | 22.8   |

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