

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020315\  
 Data File : BF077166.D  
 Acq On : 3 Feb 2015 17:43  
 Operator : TP/IZ  
 Sample : G1198-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

Manual Integrations  
 APPROVED

apatel  
 2/4/2015 1:54:33 PM

Quant Time: Feb 04 01:25:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 04 01:16:25 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 24249    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.59 | 136  | 102468   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 49218    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 95227    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.07 | 240  | 92819    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 22.72 | 264  | 82140    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 4.69  | 112 | 140236 | 95.08  | ng | 0.00 |
| 7) Phenol-d6             | 7.08  | 99  | 182969 | 98.34  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.99  | 82  | 114327 | 61.81  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 41869  | 104.80 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.24 | 172 | 223970 | 69.25  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.81 | 244 | 240512 | 59.65  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.10  | 88  | 16778  | 26.57 | ng | 97     |
| 3) Pyridine                    | 1.56  | 79  | 41894  | 25.64 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 1.52  | 42  | 19412  | 23.98 | ng | 91     |
| 6) Aniline                     | 6.97  | 93  | 66072  | 25.66 | ng | 99     |
| 8) 2-Chlorophenol              | 7.21  | 128 | 54349  | 31.97 | ng | 96     |
| 9) Benzaldehyde                | 6.73  | 77  | 5358   | 3.85  | ng | # 71   |
| 10) Phenol                     | 7.12  | 94  | 63358  | 32.07 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.23  | 93  | 51892  | 33.57 | ng | # 77   |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146 | 58886  | 30.44 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 60570  | 29.53 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 55928  | 29.59 | ng | 95     |
| 15) Benzyl Alcohol             | 8.13  | 79  | 46949  | 31.18 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 67286  | 32.38 | ng | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 42021  | 30.24 | ng | # 91   |
| 18) Hexachloroethane           | 8.77  | 117 | 23613  | 33.10 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 38017  | 29.19 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 46753  | 25.41 | ng | 98     |
| 22) Acetophenone               | 8.68  | 105 | 78826  | 31.41 | ng | 97     |
| 24) Nitrobenzene               | 9.04  | 77  | 55651  | 29.54 | ng | 96     |
| 25) Isophorone                 | 9.63  | 82  | 106255 | 31.54 | ng | 97     |
| 26) 2-Nitrophenol              | 9.78  | 139 | 26697  | 28.42 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 46641  | 32.01 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 63948  | 33.40 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.38 | 162 | 38931  | 28.67 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.50 | 180 | 47224  | 31.31 | ng | 98     |
| 31) Naphthalene                | 10.64 | 128 | 164701 | 31.22 | ng | 99     |
| 32) Benzoic acid               | 10.44 | 122 | 5638   | 6.98  | ng | 96     |
| 33) 4-Chloroaniline            | 10.90 | 127 | 56615  | 26.56 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.00 | 225 | 28096  | 31.39 | ng | 97     |
| 35) Caprolactam                | 11.71 | 113 | 10208  | 25.53 | ng | # 81   |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 46664  | 30.01 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.29 | 142 | 109922 | 30.51 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.69 | 216 | 45558  | 37.44 | ng | 94     |
| 40) Hexachlorocyclopentadiene  | 12.68 | 237 | 42352  | 65.53 | ng | 98     |

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 Sample : G1198-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

Manual Integrations  
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apatel  
 2/4/2015 1:54:33 PM

Quant Time: Feb 04 01:25:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 04 01:16:25 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.05 | 196  | 28468    | 32.11 | ng    | 86       |
| 43) 2,4,5-Trichlorophenol      | 13.15 | 196  | 26691    | 29.52 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 13.45 | 154  | 132682   | 36.36 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.41 | 162  | 106093   | 35.33 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.77 | 65   | 31682    | 34.78 | ng    | 96       |
| 48) Acenaphthylene             | 14.36 | 152  | 174014   | 34.36 | ng    | 98       |
| 49) Dimethylphthalate          | 14.33 | 163  | 154216   | 44.18 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.42 | 165  | 26221    | 37.60 | ng    | 95       |
| 51) Acenaphthene               | 14.79 | 154  | 97462    | 33.92 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.76 | 138  | 27130    | 30.48 | ng #  | 77       |
| 53) 2,4-Dinitrophenol          | 15.06 | 184  | 12707    | 44.88 | ng    | 93       |
| 54) Dibenzofuran               | 15.21 | 168  | 147540   | 35.25 | ng    | 94       |
| 55) 4-Nitrophenol              | 15.38 | 139  | 23249    | 42.49 | ng    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.36 | 165  | 37943    | 36.81 | ng    | 95       |
| 57) Fluorene                   | 15.97 | 166  | 123380   | 34.79 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 19649    | 29.84 | ng #  | 94       |
| 59) Diethylphthalate           | 15.97 | 149  | 135118   | 38.30 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.07 | 204  | 53724    | 37.03 | ng    | 98       |
| 61) 4-Nitroaniline             | 16.12 | 138  | 27513    | 31.80 | ng    | 93       |
| 62) Azobenzene                 | 16.36 | 77   | 160610   | 43.70 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 16.20 | 198  | 15178    | 26.40 | ng #  | 65       |
| 65) n-Nitrosodiphenylamine     | 16.32 | 169  | 106739   | 31.44 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.93 | 248  | 31219    | 32.36 | ng    | 93       |
| 67) Hexachlorobenzene          | 16.95 | 284  | 33195    | 32.65 | ng    | 95       |
| 68) Atrazine                   | 17.32 | 200  | 35745    | 34.69 | ng    | 94       |
| 69) Pentachlorophenol          | 17.32 | 266  | 17298    | 40.80 | ng    | 97       |
| 70) Phenanthrene               | 17.60 | 178  | 182902   | 30.80 | ng    | 99       |
| 71) Anthracene                 | 17.68 | 178  | 179437   | 30.99 | ng    | 97       |
| 72) Carbazole                  | 17.97 | 167  | 177459   | 31.59 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.57 | 149  | 222255   | 34.19 | ng    | 99       |
| 74) Fluoranthene               | 19.25 | 202  | 189215   | 31.09 | ng    | 98       |
| 76) Benzidine                  | 19.51 | 184  | 119390   | 40.20 | ng    | 99       |
| 77) Pyrene                     | 19.54 | 202  | 204084   | 32.08 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.48 | 149  | 100825   | 35.00 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.06 | 228  | 181035   | 31.09 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 58569    | 31.65 | ng    | 99       |
| 82) Chrysene                   | 21.11 | 228  | 170142   | 32.04 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 150567   | 37.77 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 21.97 | 149  | 257440   | 37.21 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 23.80 | 276  | 175951   | 31.26 | ng #  | 83       |
| 87) Benzo(b)fluoranthene       | 22.31 | 252  | 165580m  | 29.93 | ng    |          |
| 88) Benzo(k)fluoranthene       | 22.34 | 252  | 167422m  | 34.64 | ng    |          |
| 89) Benzo(a)pyrene             | 22.65 | 252  | 158874   | 32.56 | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 23.83 | 278  | 147344   | 32.91 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 24.07 | 276  | 145268   | 32.64 | ng #  | 92       |

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

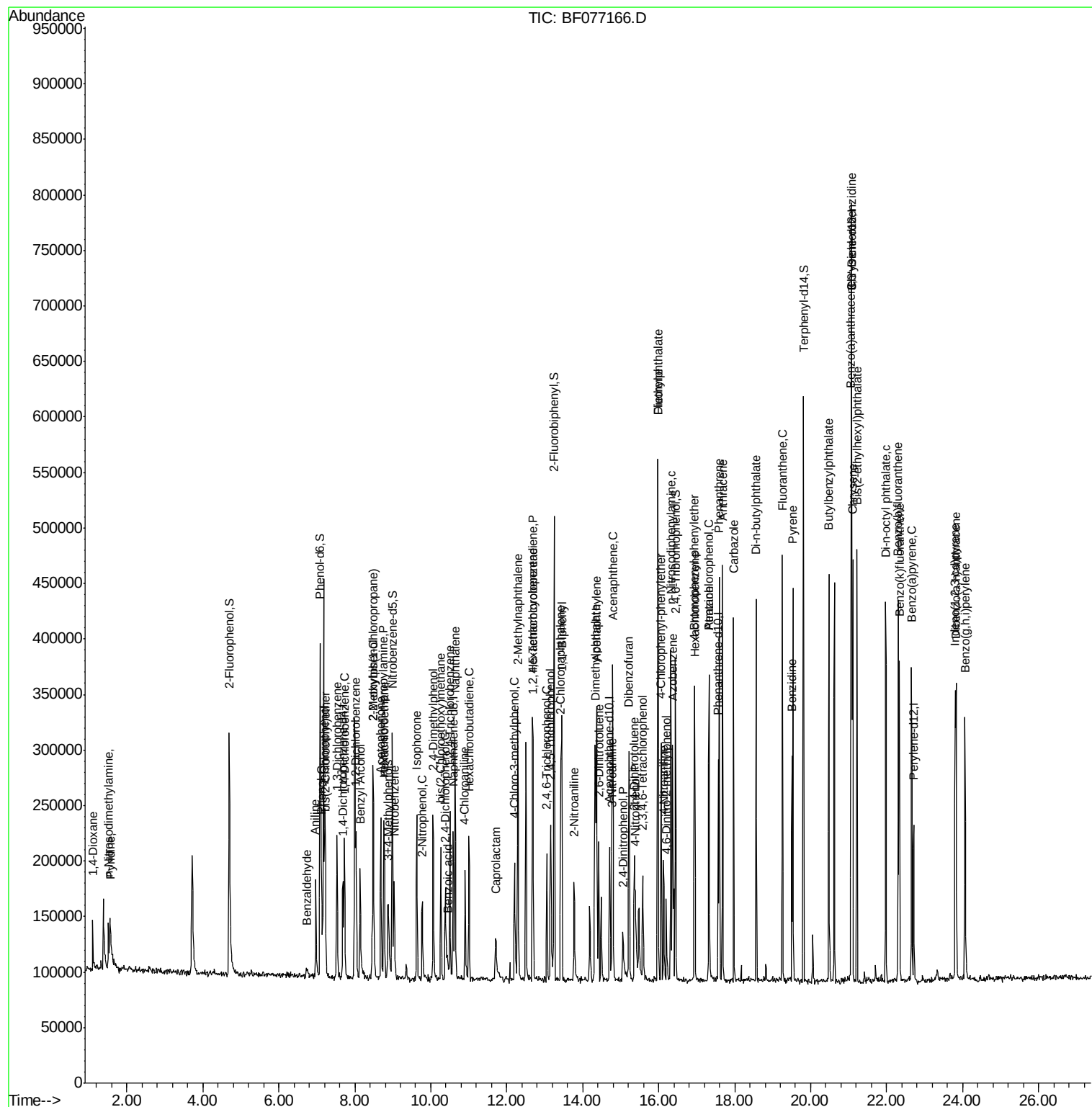
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020315\  
Data File : BF077166.D  
Acq On : 3 Feb 2015 17:43  
Operator : TP/IZ  
Sample : G1198-01MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

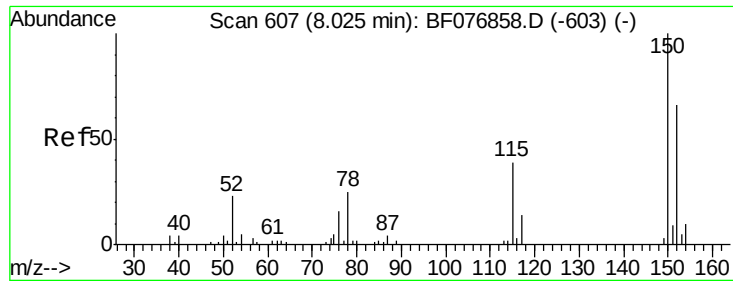
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

Manual Integrations  
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2/4/2015 1:54:33 PM

Quant Time: Feb 04 01:25:55 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 04 01:16:25 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

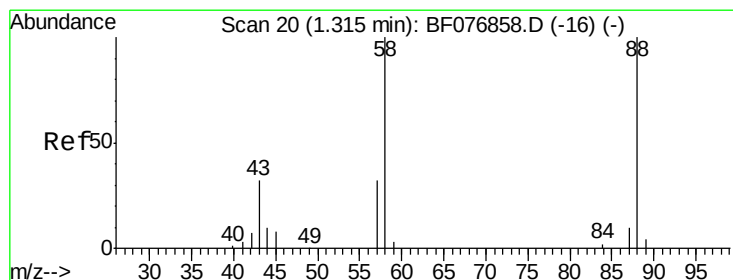
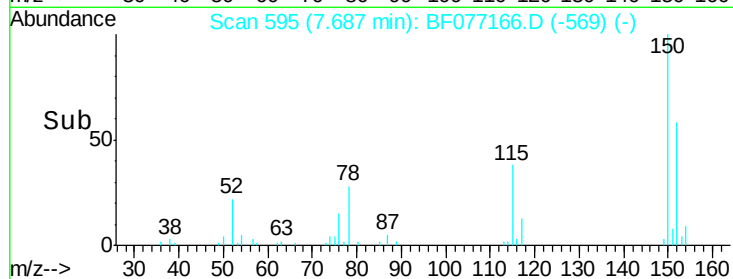
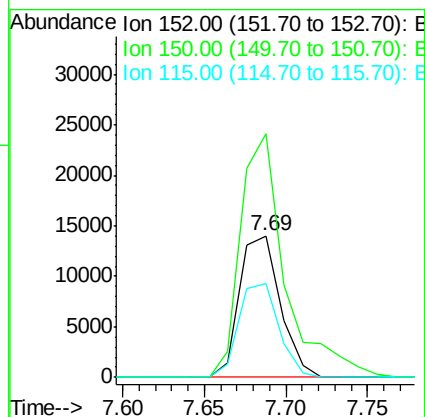
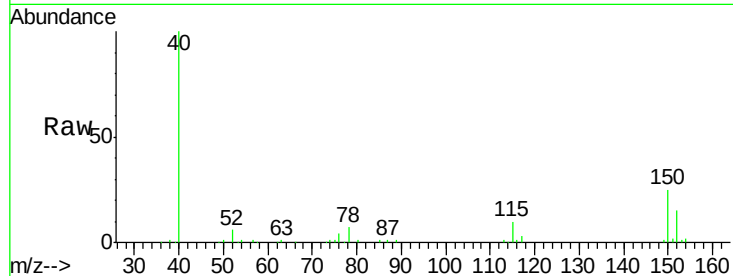
ClientSampleId :

FK-BPM-02-F5-F6-F7-F8MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 24249 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 172.0 | 121.7 | 182.5 |
| 115       | 65.9  | 47.0  | 70.6  |

Manual Integrations  
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2/4/2015 1:54:33 PM



#2

1,4-Dioxane

Concen: 26.57 ng

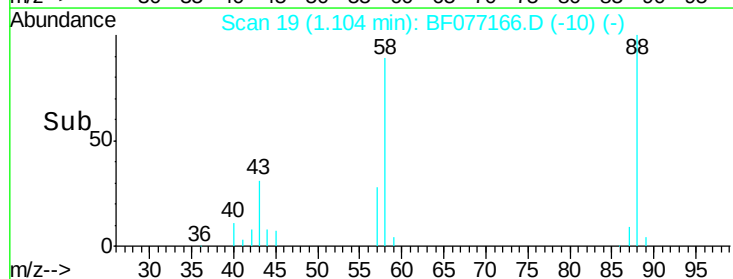
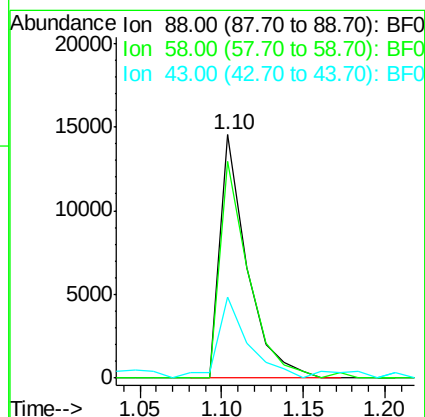
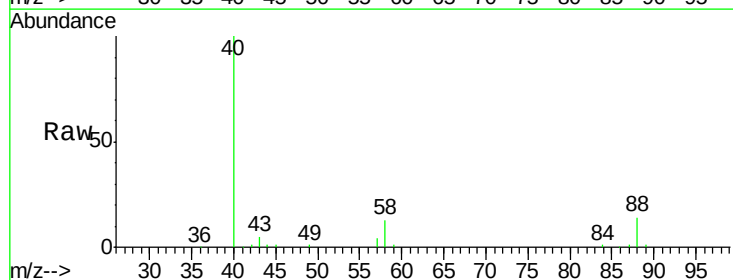
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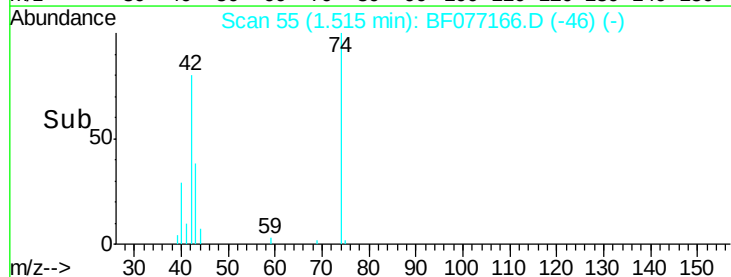
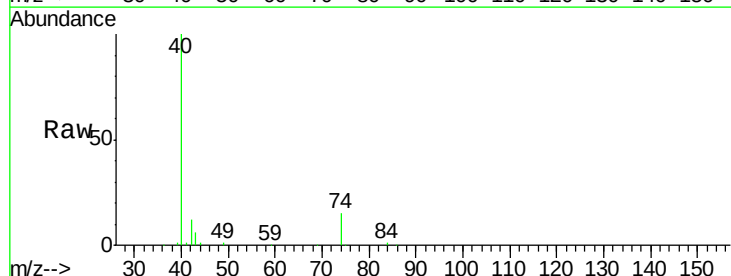
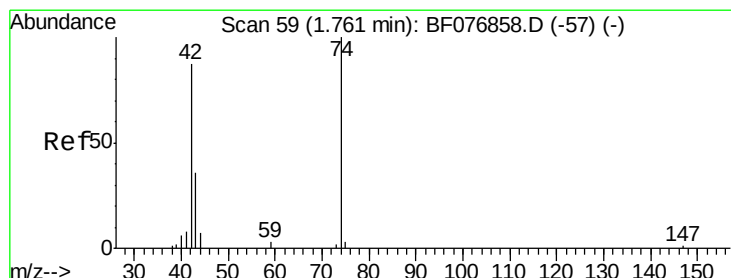
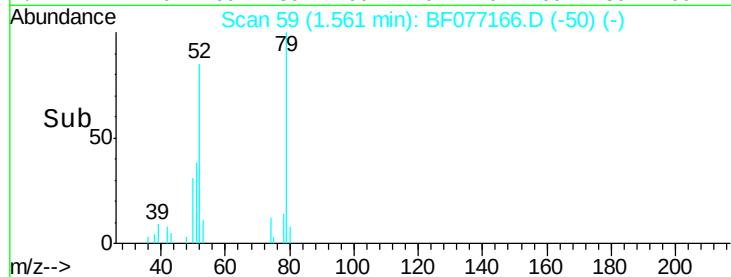
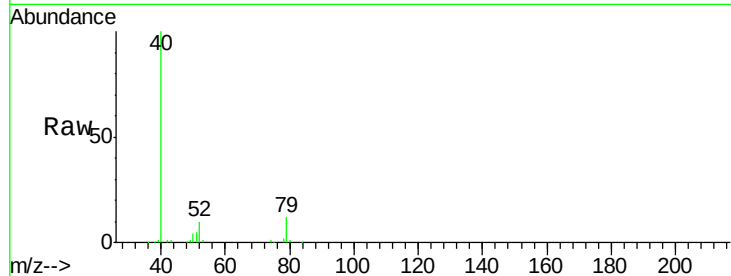
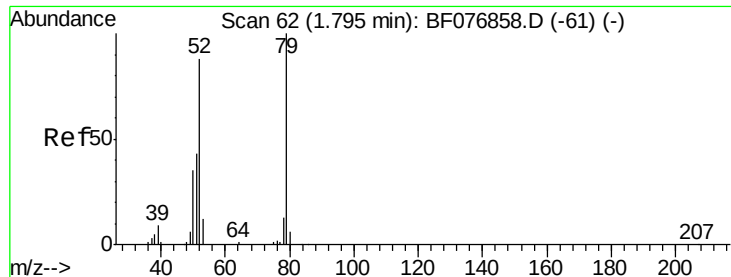
Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 16778 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 94.6  | 77.0  | 115.4 |
| 43        | 36.8  | 25.6  | 38.4  |





#3

Pyridine

Concen: 25.64 ng

RT: 1.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 41894 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 85.2  | 70.1  | 105.1 |
| 51        | 41.8  | 35.1  | 52.7  |

Instrument :

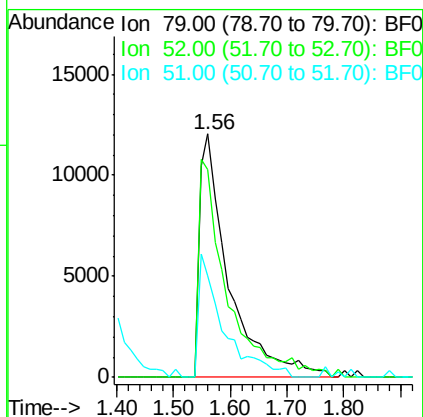
BNA\_F

ClientSampleId :

FK-BPM-02-F5-F6-F7-F8MSD

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 23.98 ng

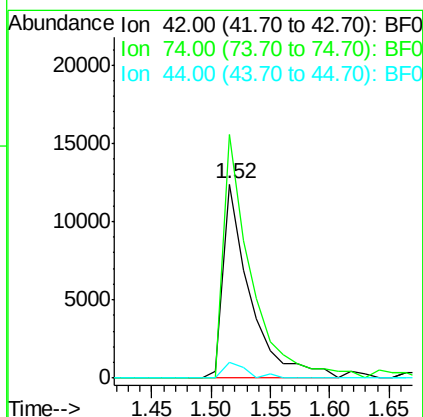
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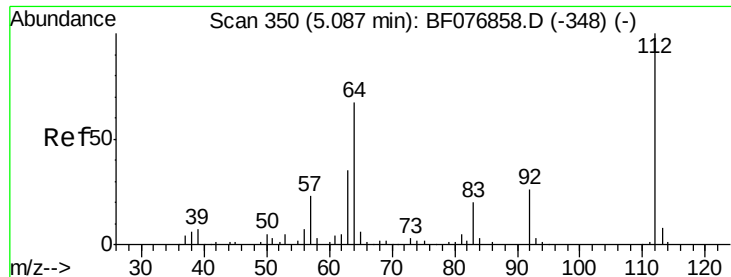
Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 19412 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 125.6 | 92.4  | 138.6 |
| 44        | 8.4   | 6.2   | 9.2   |





#5

2-Fluorophenol

Concen: 95.08 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077166.D

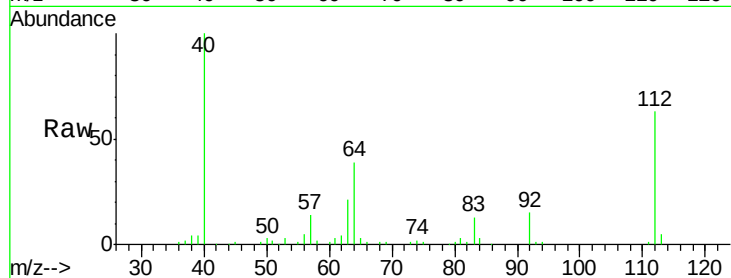
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

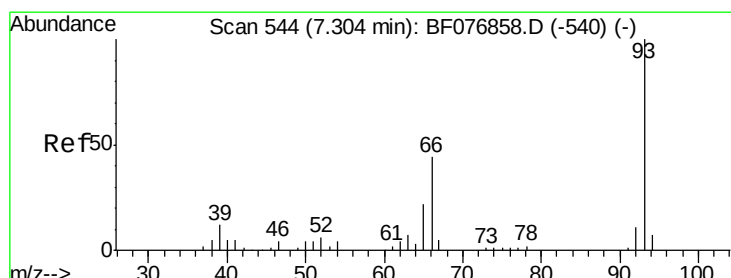
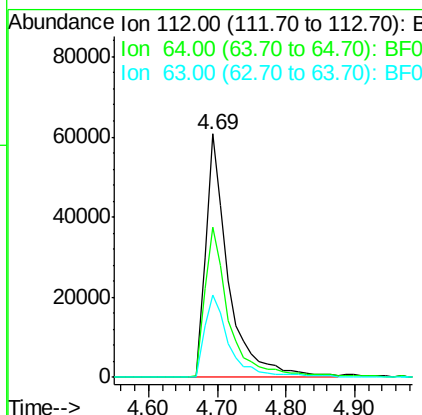
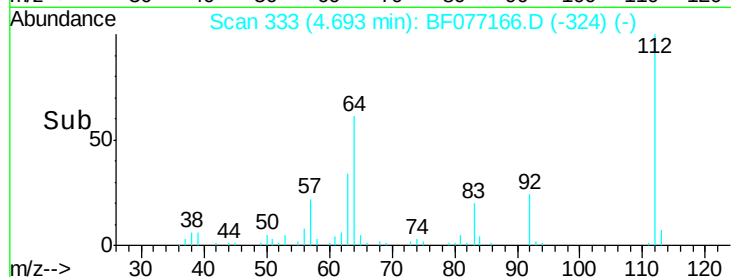
FK-BPM-02-F5-F6-F7-F8MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 140236 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.5  | 54.2  | 81.4   |
| 63        | 34.0  | 28.4  | 42.6   |

Manual Integrations  
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2/4/2015 1:54:33 PM



#6

Aniline

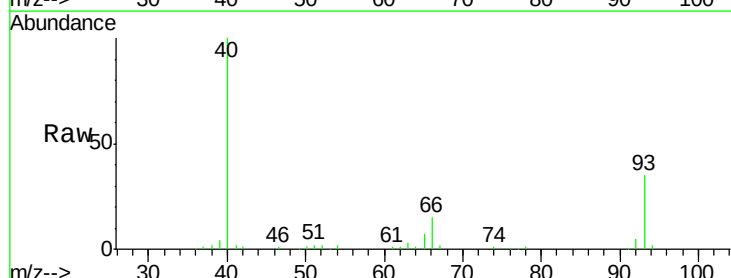
Concen: 25.66 ng

RT: 6.97 min Scan# 532

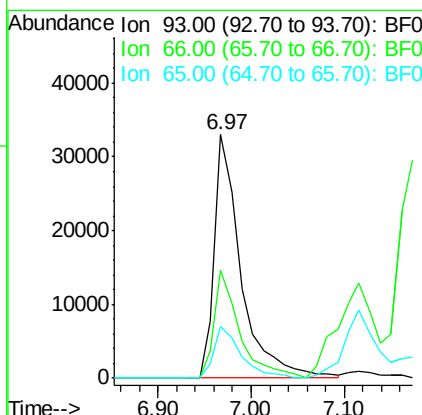
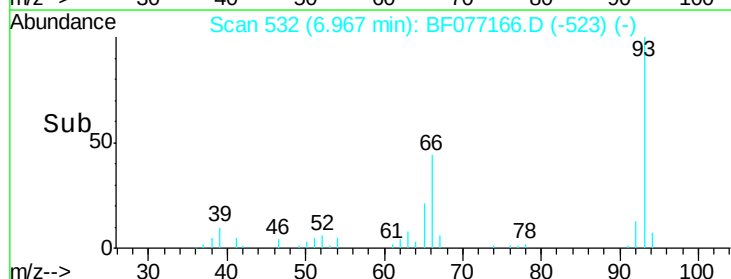
Delta R.T. 0.00 min

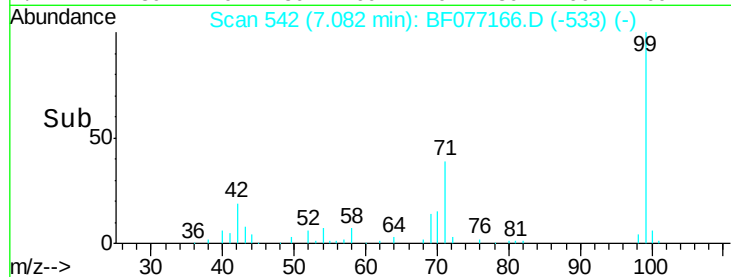
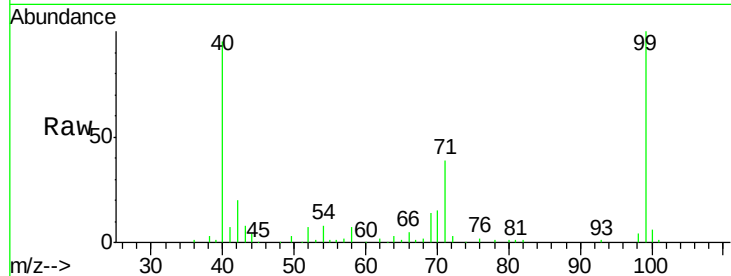
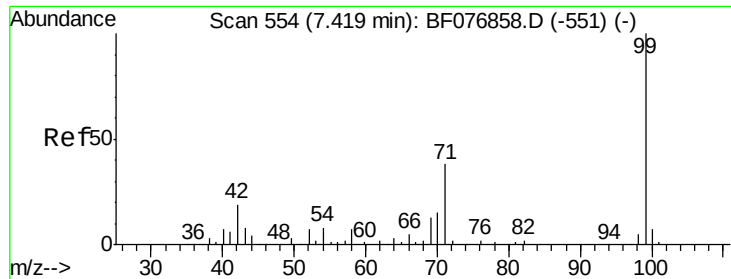
Lab File: BF077166.D

Acq: 3 Feb 2015 17:43



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 66072 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 44.5  | 35.0  | 52.4  |
| 65        | 21.2  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 98.34 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 182969 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.8  | 15.0  | 22.4   |
| 71        | 38.6  | 30.5  | 45.7   |

Instrument :

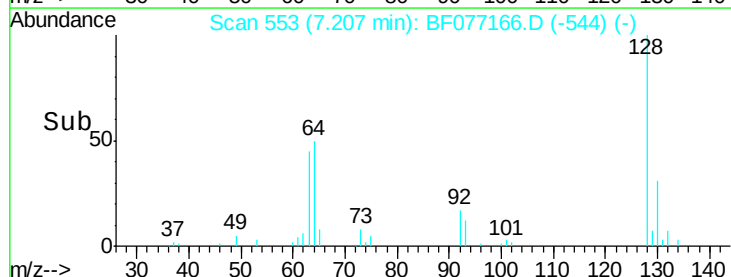
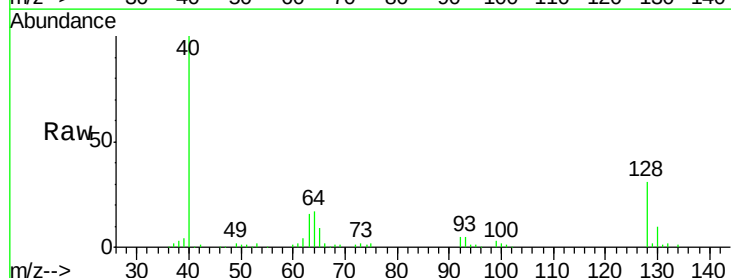
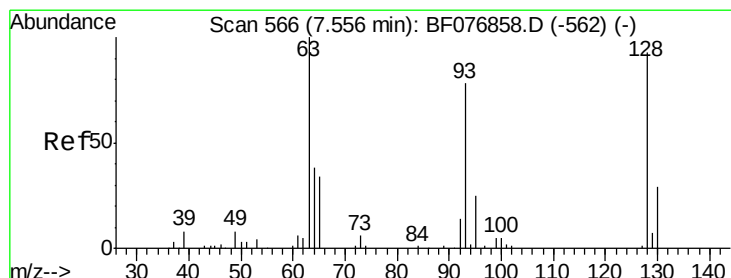
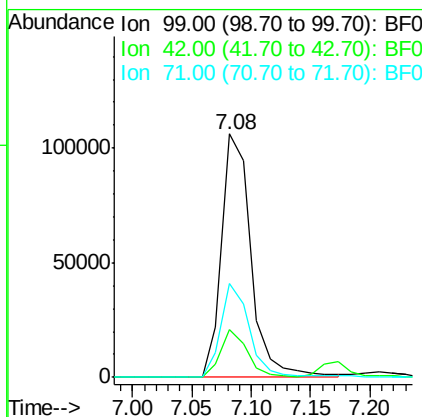
BNA\_F

ClientSampleId :

FK-BPM-02-F5-F6-F7-F8MSD

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#8

2-Chlorophenol

Concen: 31.97 ng

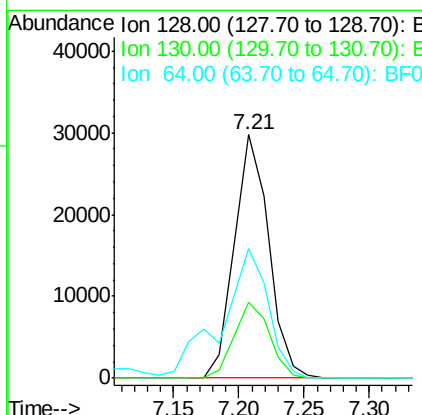
RT: 7.21 min Scan# 553

Delta R.T. 0.00 min

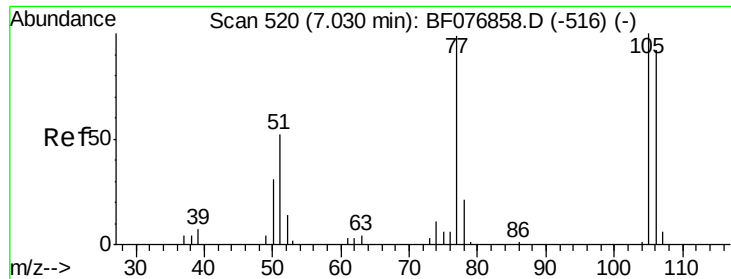
Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 54349 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.4  | 11.0  | 51.0  |
| 64        | 53.5  | 29.3  | 69.3  |







#9

Benzaldehyde

Concen: 3.85 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

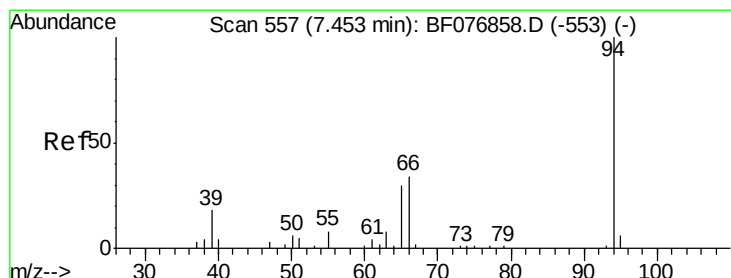
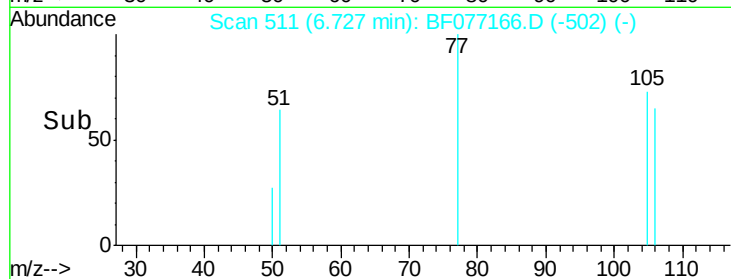
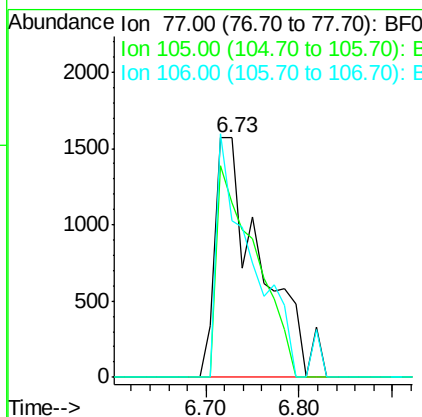
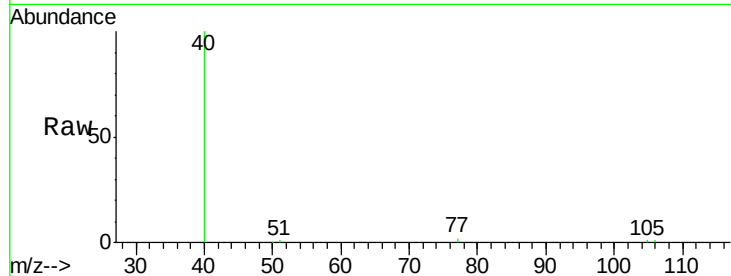
FK-BPM-02-F5-F6-F7-F8MSD

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| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 72.7  | 81.4  | 121.4# |
| 106     | 65.4  | 72.8  | 112.8# |



#10

Phenol

Concen: 32.07 ng

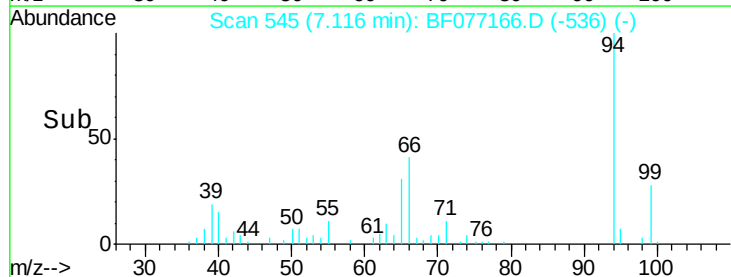
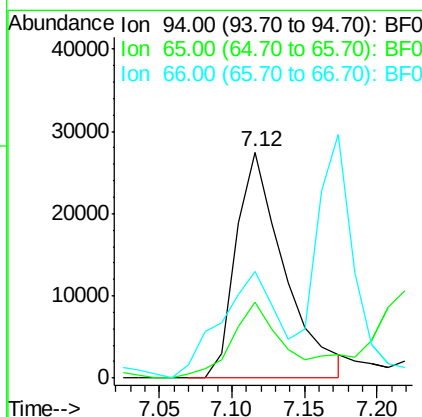
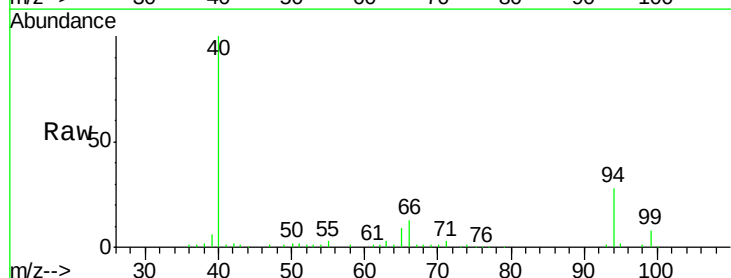
RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

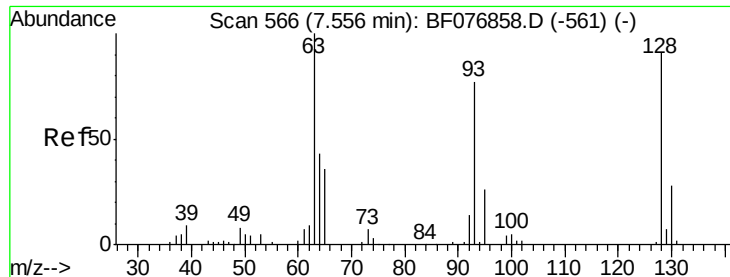
Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 33.6  | 11.3  | 51.3  |
| 66      | 47.0  | 19.5  | 59.5  |







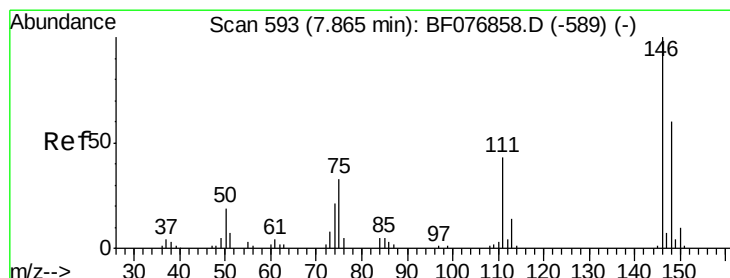
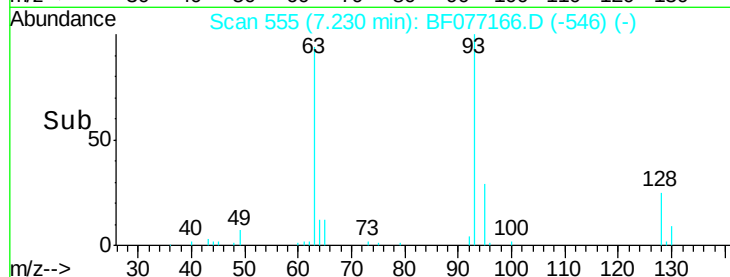
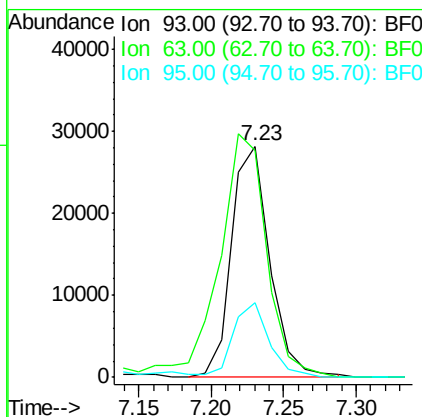
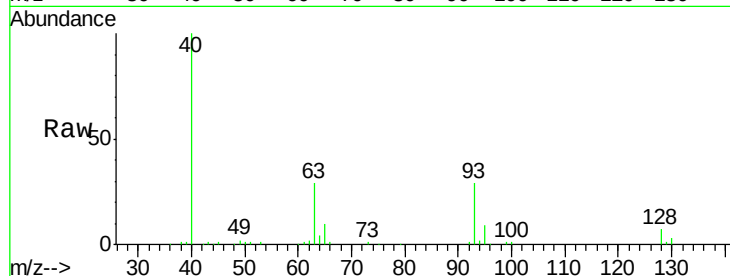
#11  
bis(2-Chloroethyl)ether  
Concen: 33.57 ng  
RT: 7.23 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

Tgt Ion: 93 Resp: 51892  
Ion Ratio Lower Upper  
93 100  
63 98.2 111.3 151.3#  
95 32.1 13.8 53.8

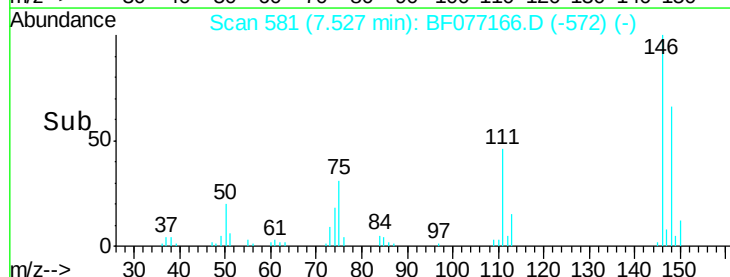
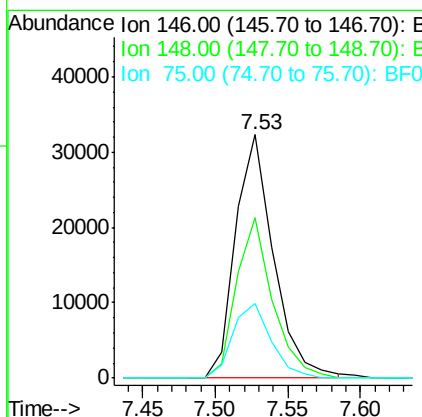
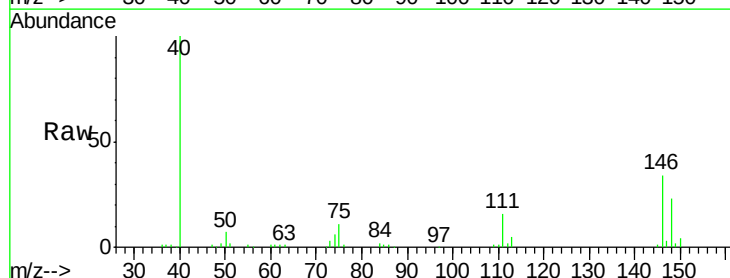
Manual Integrations  
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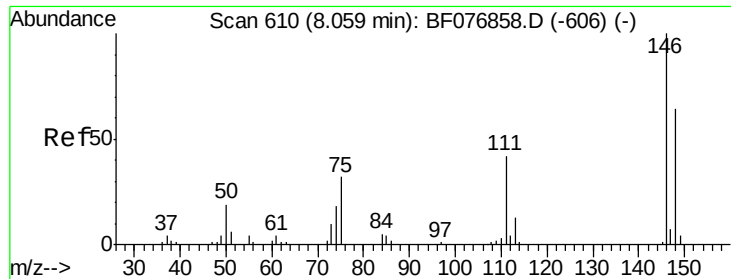
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#12  
1,3-Dichlorobenzene  
Concen: 30.44 ng  
RT: 7.53 min Scan# 581  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion: 146 Resp: 58886  
Ion Ratio Lower Upper  
146 100  
148 66.0 48.1 72.1  
75 30.7 26.8 40.2





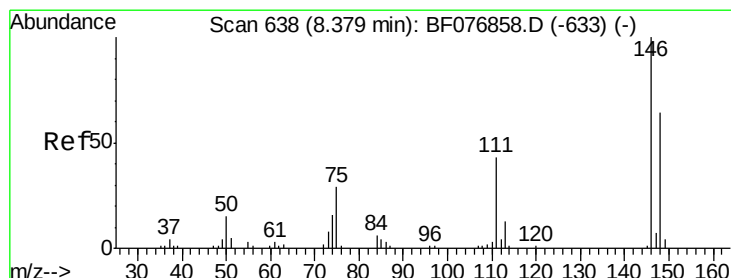
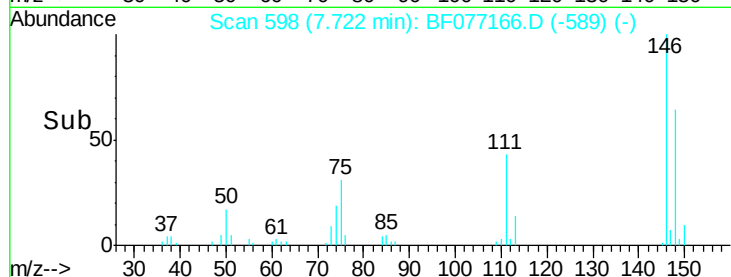
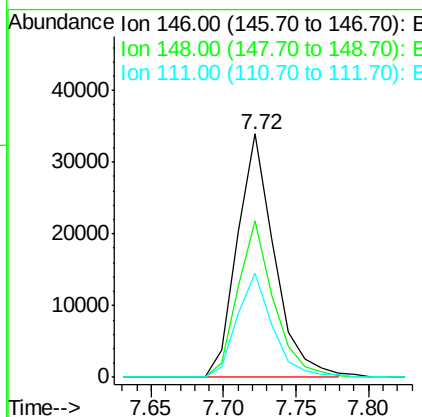
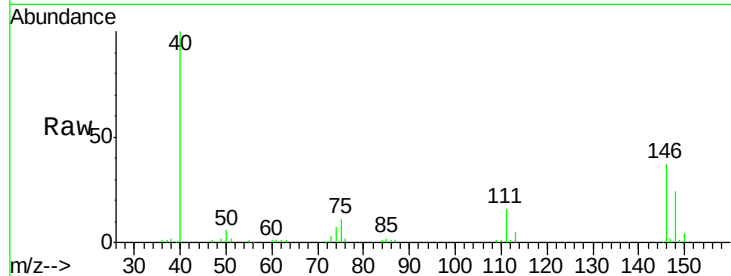
#13  
 1,4-Dichlorobenzene  
 Concen: 29.53 ng  
 RT: 7.72 min Scan# 598  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 51.5  | 77.3  |
| 111     | 42.5  | 33.9  | 50.9  |

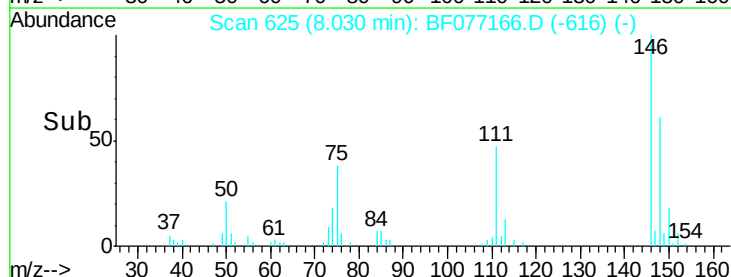
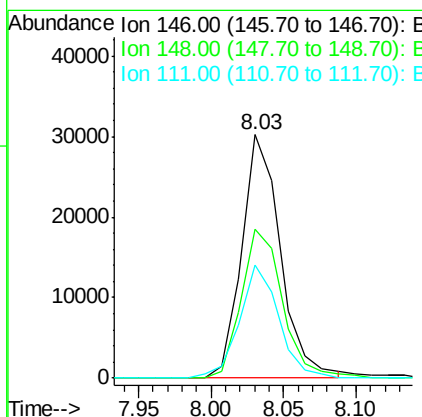
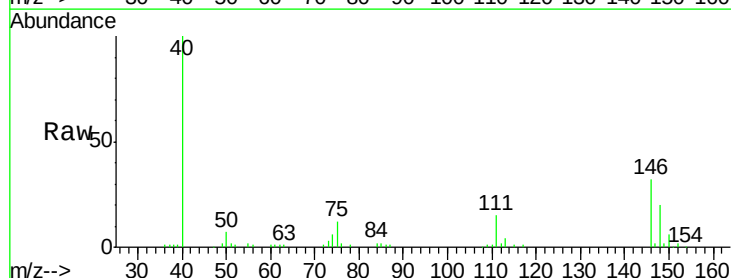
Manual Integrations  
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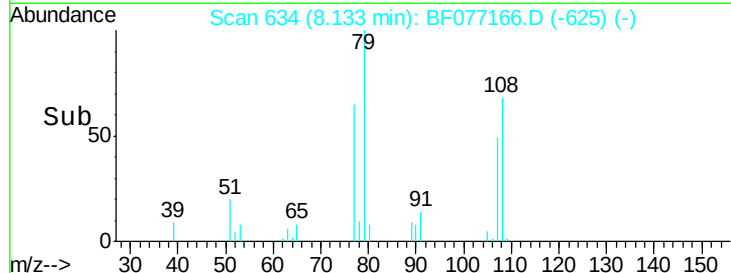
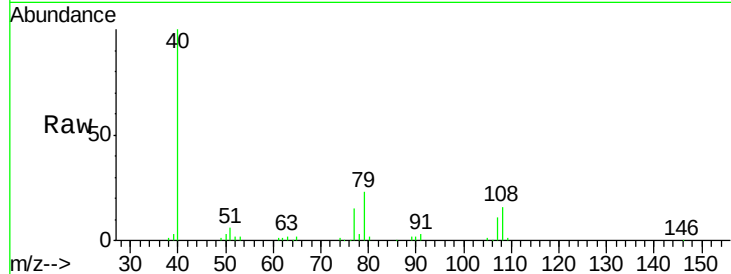
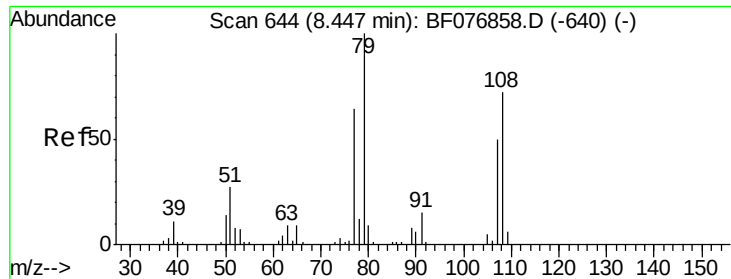
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#14  
 1,2-Dichlorobenzene  
 Concen: 29.59 ng  
 RT: 8.03 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.0  | 51.3  | 76.9  |
| 111     | 46.5  | 34.5  | 51.7  |





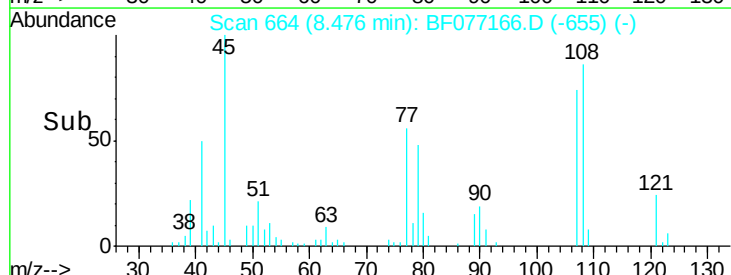
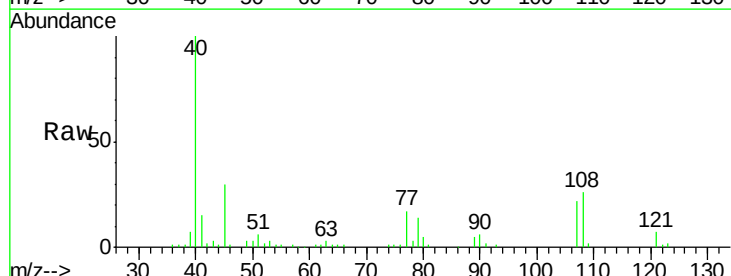
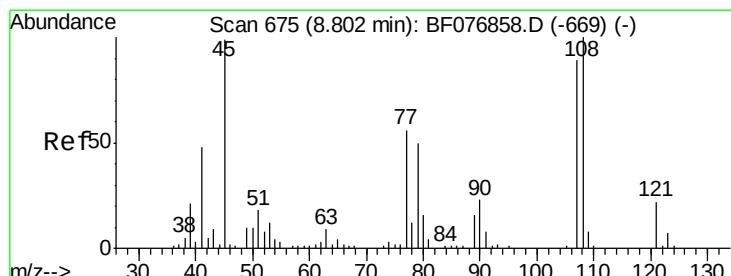
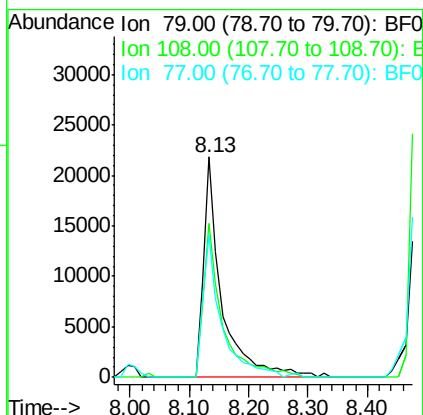
#15  
Benzyl Alcohol  
Concen: 31.18 ng  
RT: 8.13 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.8  | 57.2  | 85.8  |
| 77      | 64.7  | 51.2  | 76.8  |

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

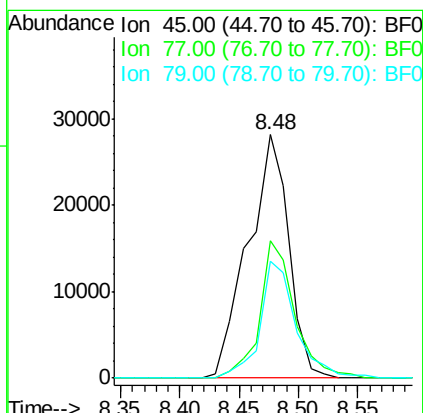
Manual Integrations  
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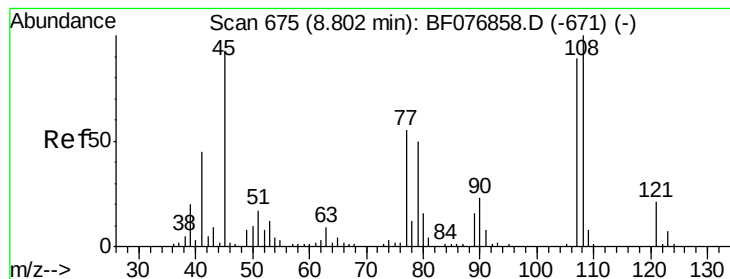
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.38 ng  
RT: 8.48 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 56.2  | 36.1  | 76.1  |
| 79      | 47.8  | 30.5  | 70.5  |





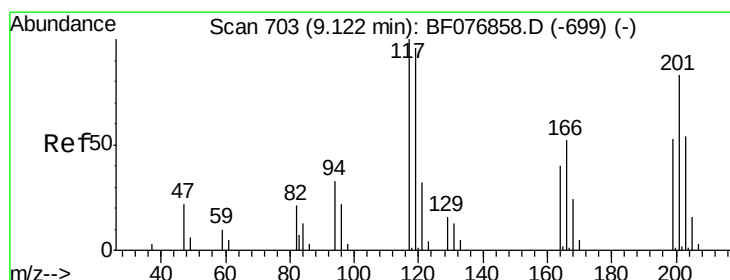
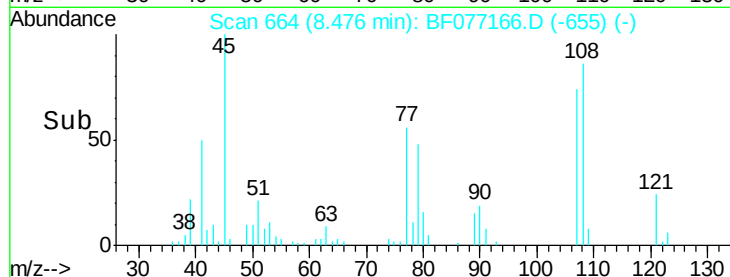
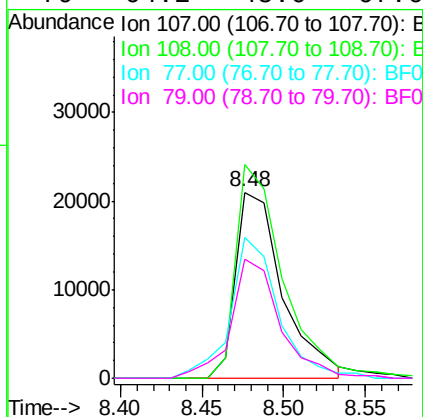
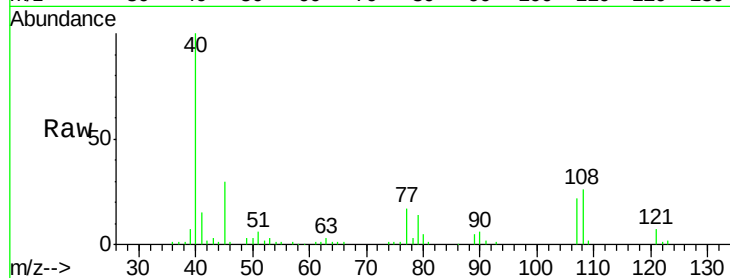
#17  
2-Methylphenol  
Concen: 30.24 ng  
RT: 8.48 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 42021 |       |       |
| 108     | 115.1 | 89.7  | 134.5 |       |
| 77      | 75.6  | 50.1  | 75.1# |       |
| 79      | 64.2  | 45.0  | 67.6  |       |

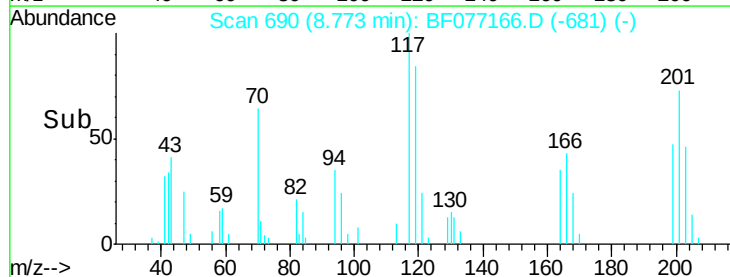
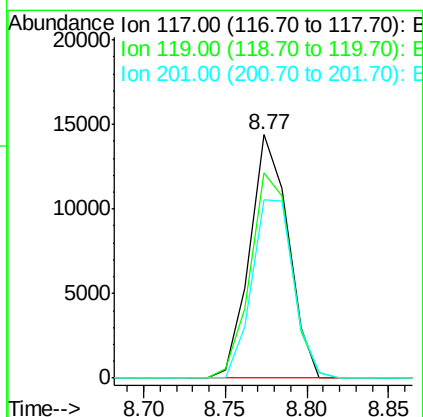
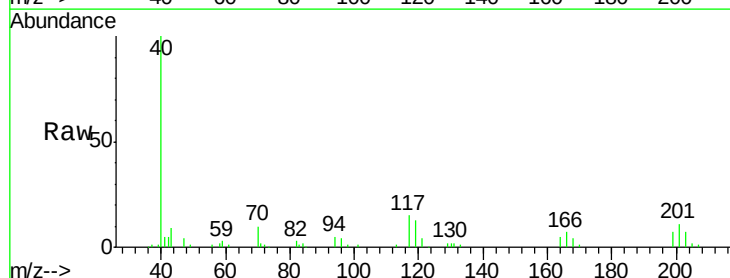
Manual Integrations  
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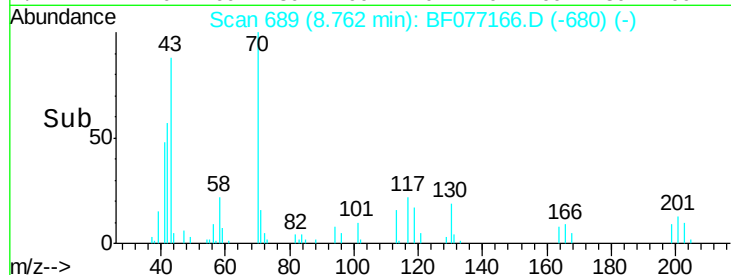
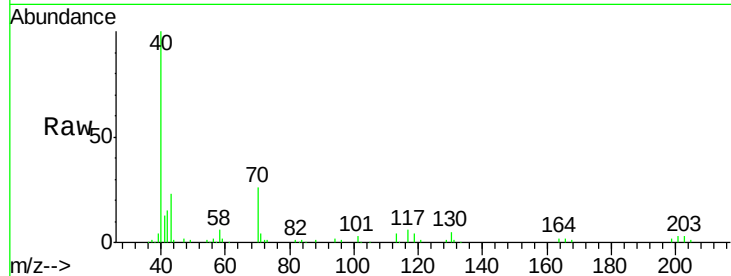
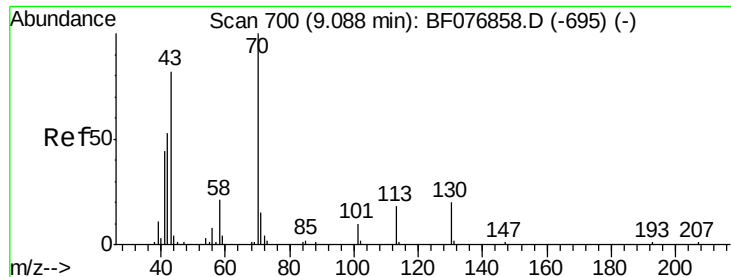
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#18  
Hexachloroethane  
Concen: 33.10 ng  
RT: 8.77 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 23613 |       |       |
| 119     | 84.4  | 77.1  | 115.7 |       |
| 201     | 73.4  | 66.8  | 100.2 |       |





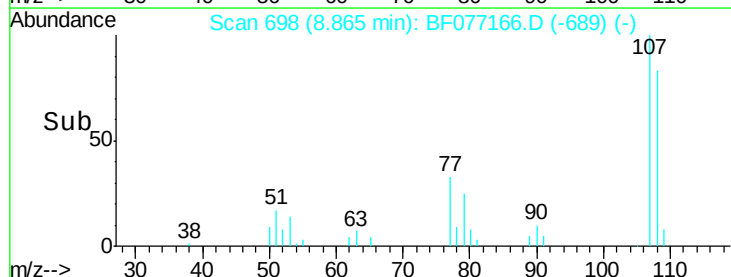
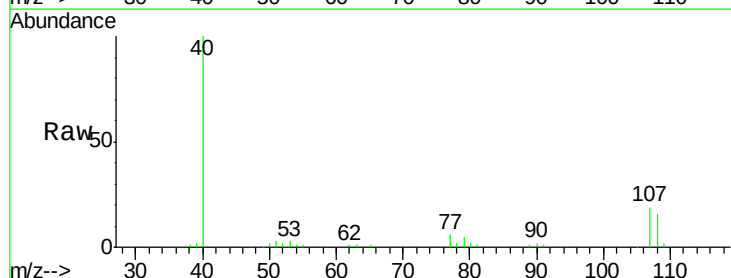
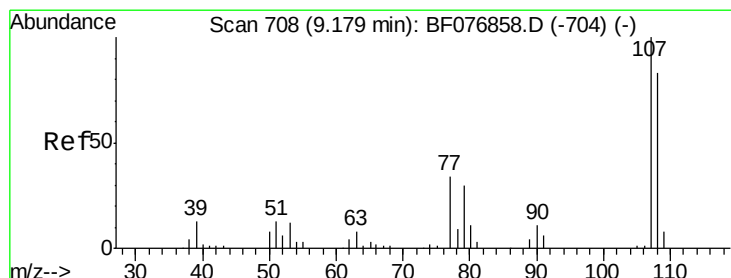
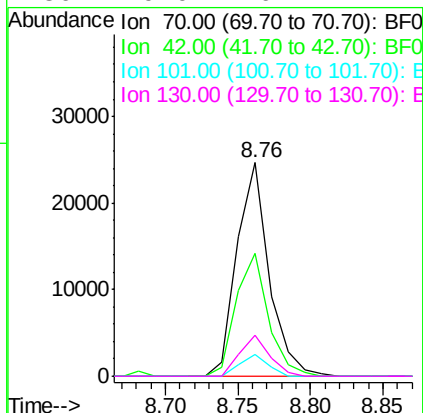
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.19 ng  
RT: 8.76 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

Manual Integrations  
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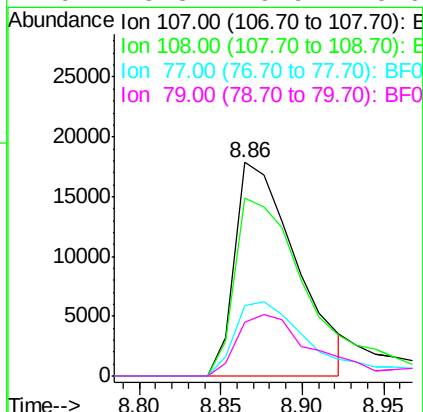
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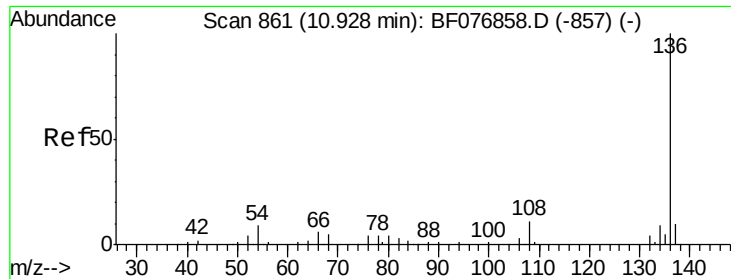
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.4 | 42.1  | 63.1  |       |
| 101     | 10.0 | 7.8   | 11.8  |       |
| 130     | 19.0 | 16.2  | 24.4  |       |



#20  
3+4-Methylphenols  
Concen: 25.41 ng  
RT: 8.86 min Scan# 698  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.2 | 63.5  | 103.5 |       |
| 77      | 32.8 | 14.0  | 54.0  |       |
| 79      | 25.3 | 9.9   | 49.9  |       |





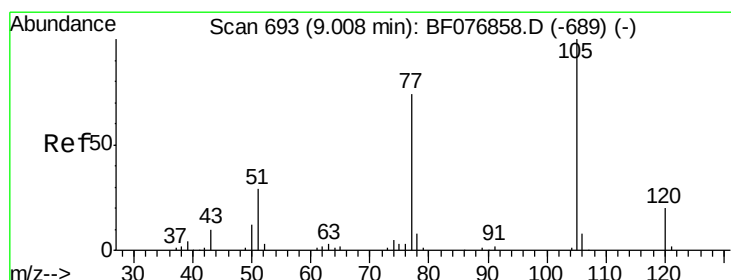
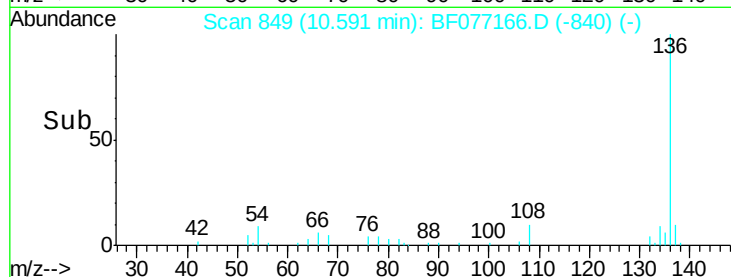
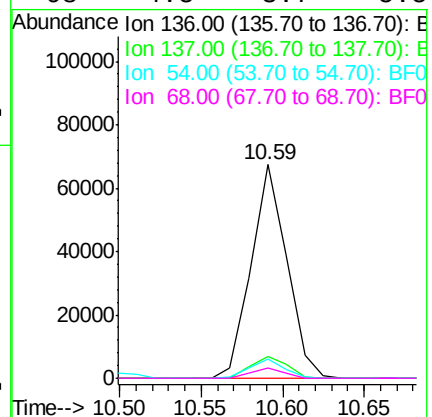
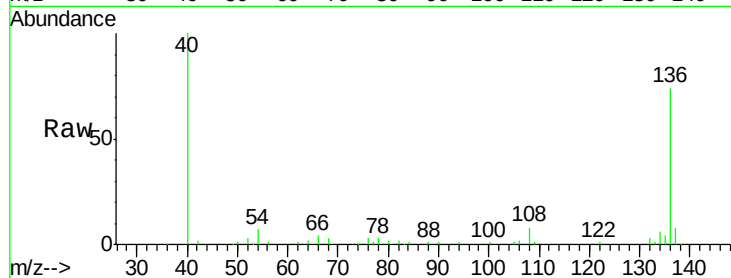
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.59 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 102468 |       |       |
| 137     | 10.2  | 8.1    | 12.1  |       |
| 54      | 8.8   | 7.0    | 10.4  |       |
| 68      | 4.5   | 3.7    | 5.5   |       |

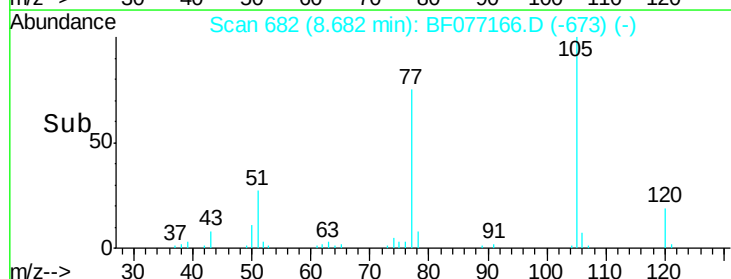
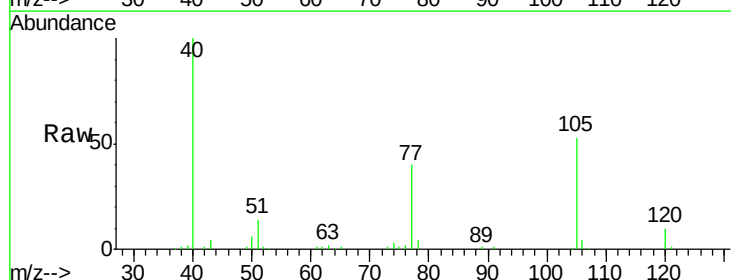
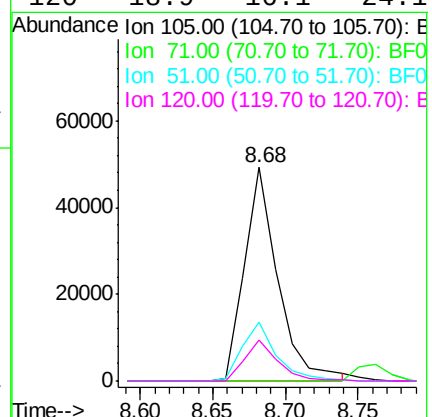
Manual Integrations  
APPROVED

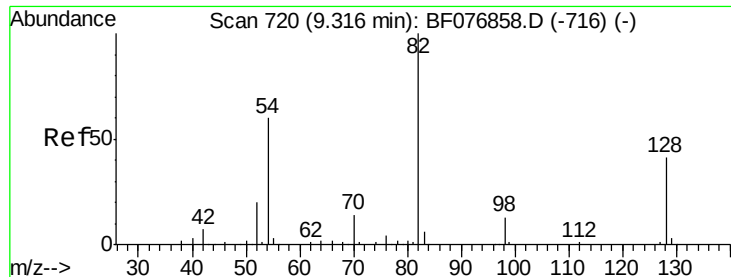
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#22  
Acetophenone  
Concen: 31.41 ng  
RT: 8.68 min Scan# 682  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 78826 |       |       |
| 71      | 0.0   | 0.0   | 0.0   |       |
| 51      | 27.3  | 23.3  | 34.9  |       |
| 120     | 18.9  | 16.1  | 24.1  |       |





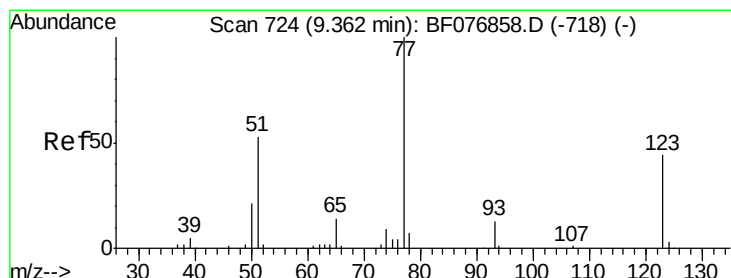
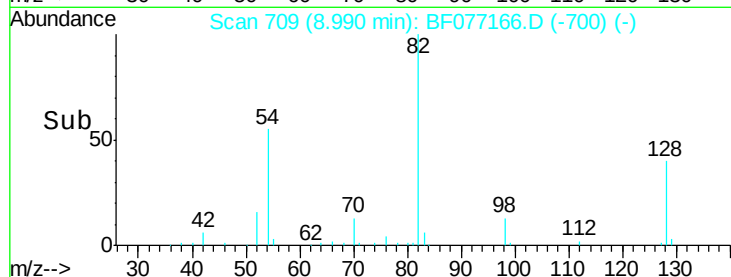
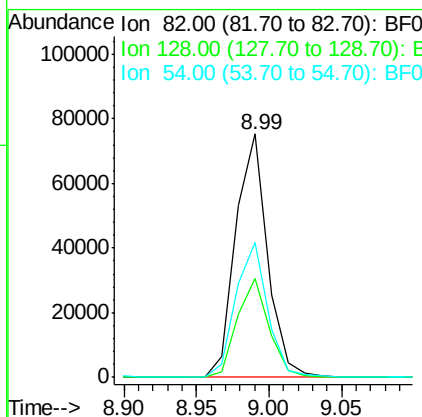
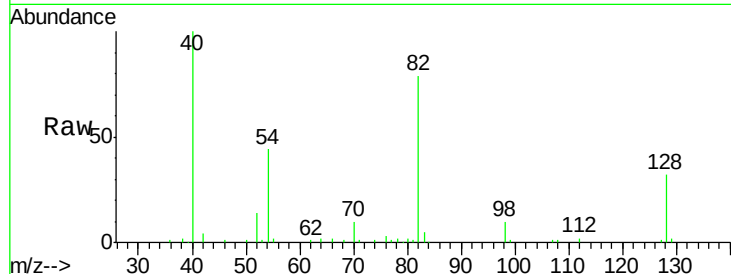
#23  
 Nitrobenzene-d5  
 Concen: 61.81 ng  
 RT: 8.99 min Scan# 709  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 114327 |       |       |
| 128     | 40.4  | 33.1   | 49.7  |       |
| 54      | 55.5  | 48.3   | 72.5  |       |

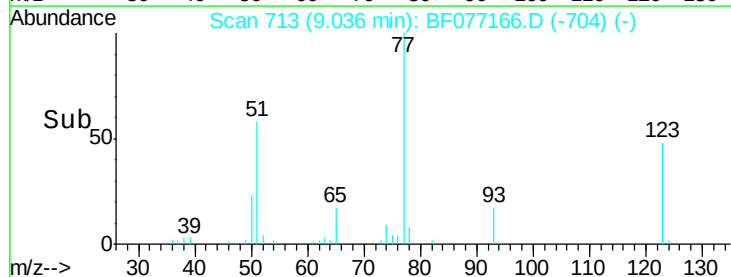
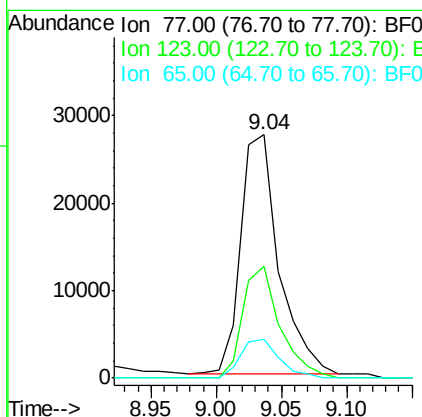
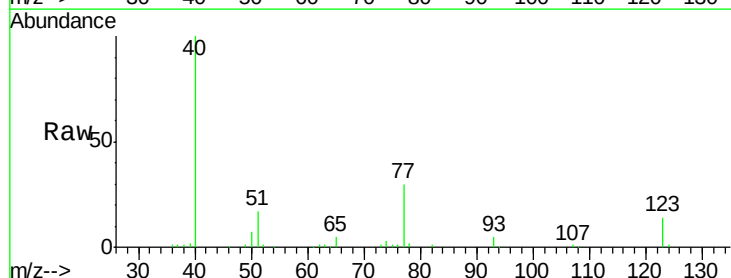
Manual Integrations  
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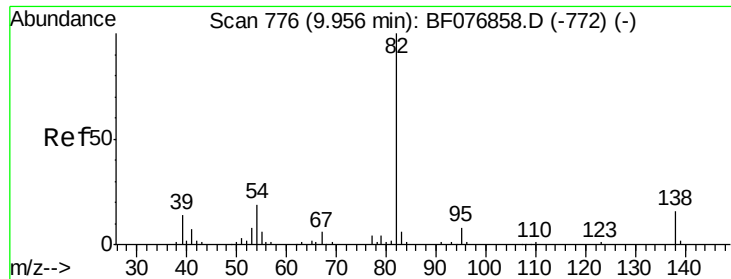


#24  
 Nitrobenzene  
 Concen: 29.54 ng  
 RT: 9.04 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 55651 |       |       |
| 123     | 46.2  | 35.2  | 52.8  |       |
| 65      | 16.0  | 11.4  | 17.2  |       |







#25

Isophorone

Concen: 31.54 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

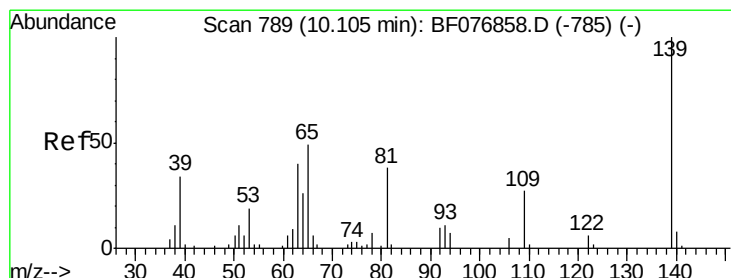
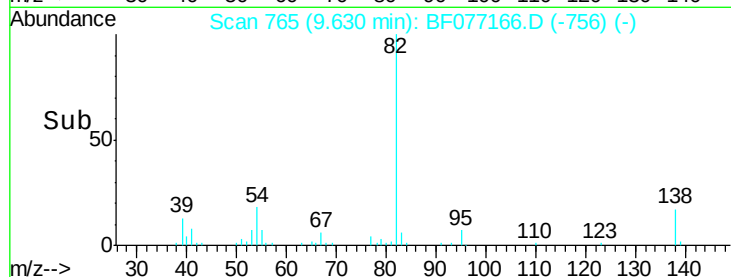
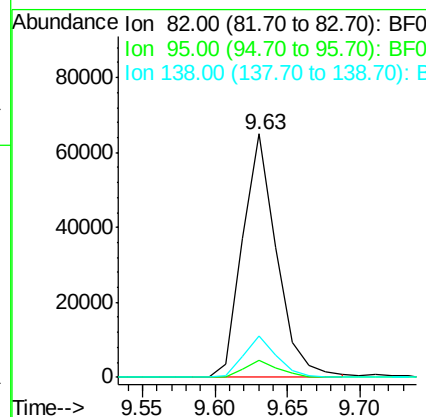
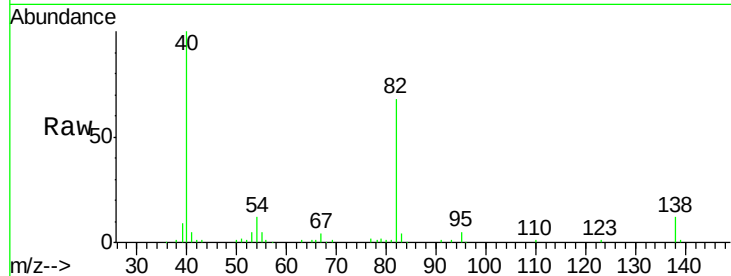
ClientSampleId :

FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion   | 82   | Resp  | 106255 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.1  | 6.6   | 10.0   |
| 138       | 17.0 | 12.6  | 18.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 28.42 ng

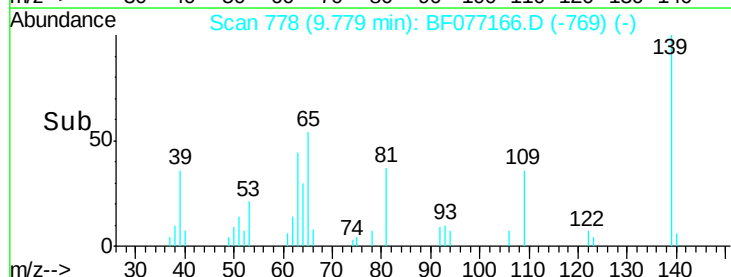
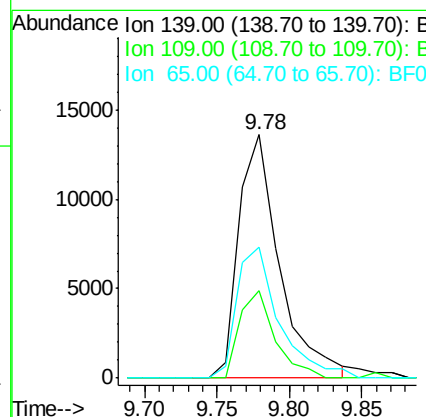
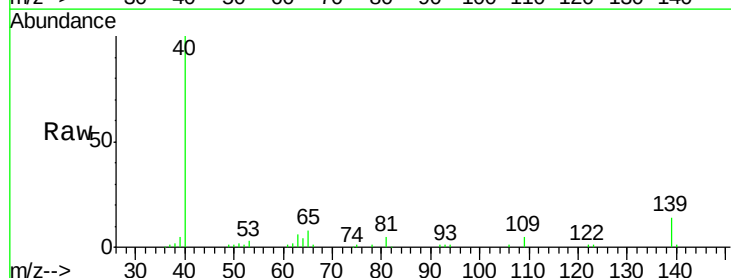
RT: 9.78 min Scan# 778

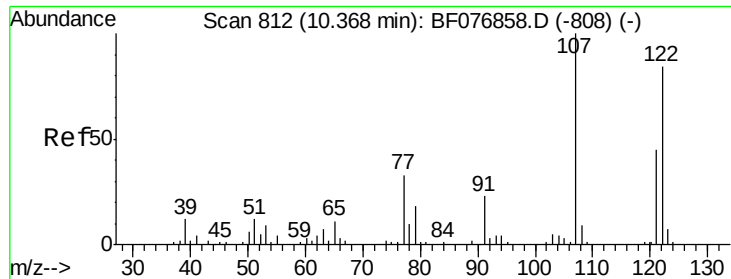
Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

| Tgt Ion   | 139  | Resp  | 26697 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 35.8 | 21.3  | 31.9# |
| 65        | 53.7 | 39.4  | 59.0  |





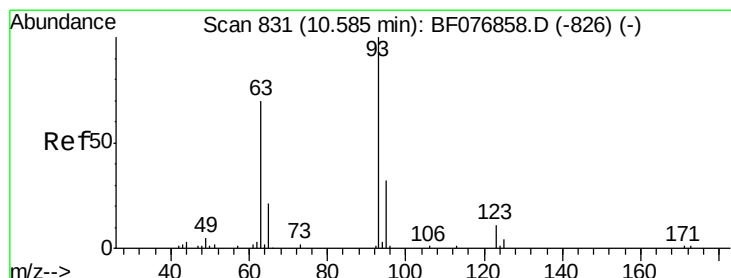
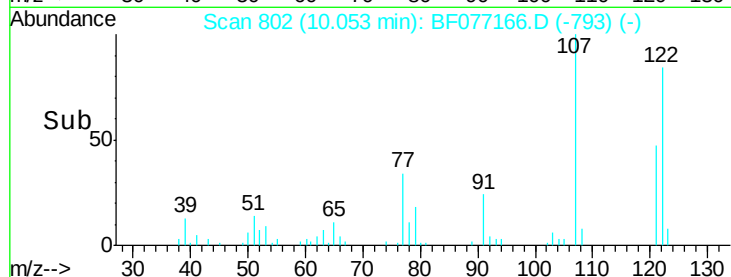
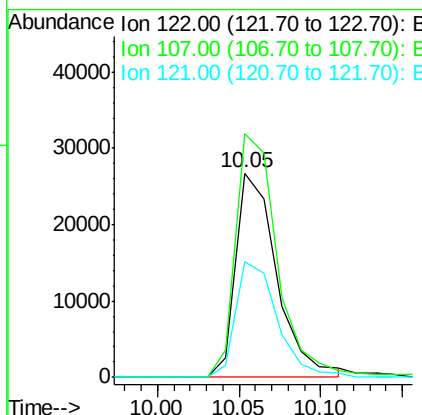
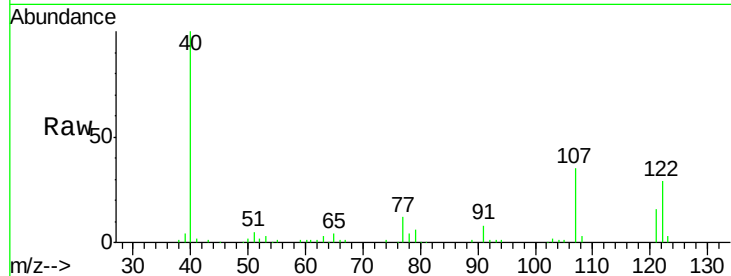
#27  
 2,4-Dimethylphenol  
 Concen: 32.01 ng  
 RT: 10.05 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 46641 |       |       |
| 107     | 119.1 | 95.2  | 142.8 |       |
| 121     | 56.5  | 42.9  | 64.3  |       |

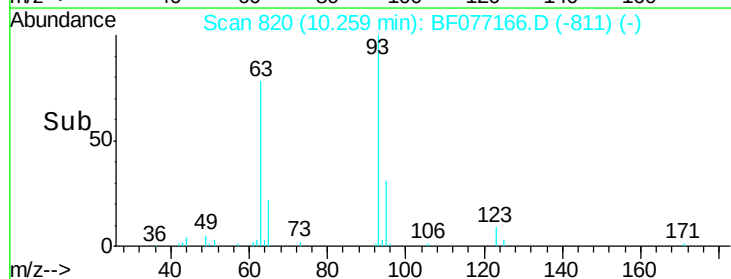
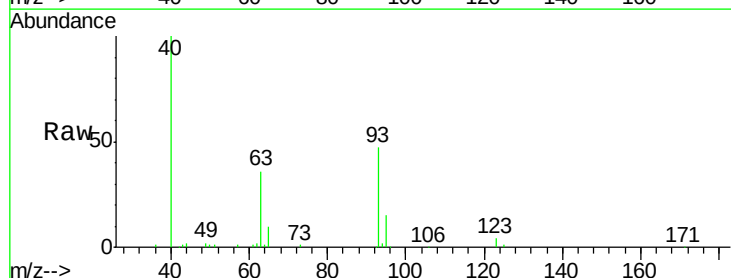
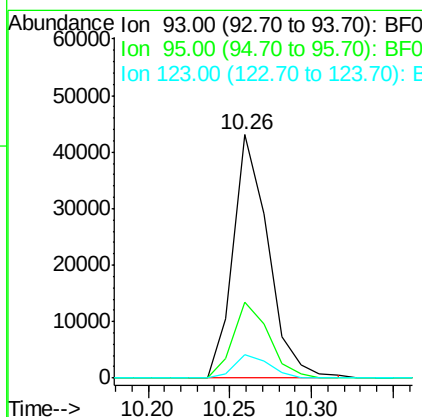
Manual Integrations  
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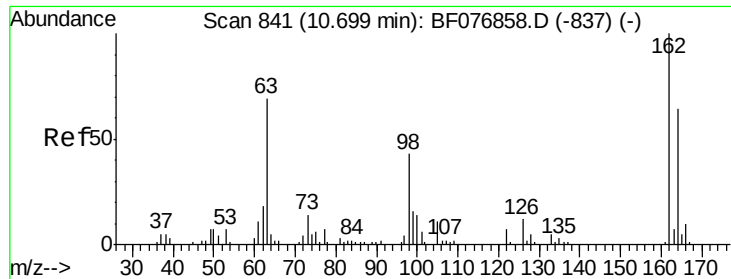
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.40 ng  
 RT: 10.26 min Scan# 820  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 63948 |       |       |
| 95      | 31.1  | 25.6  | 38.4  |       |
| 123     | 9.5   | 8.9   | 13.3  |       |





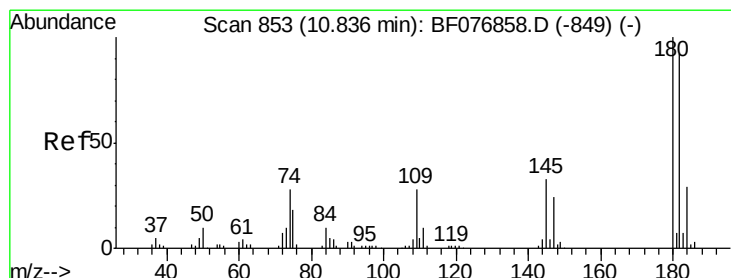
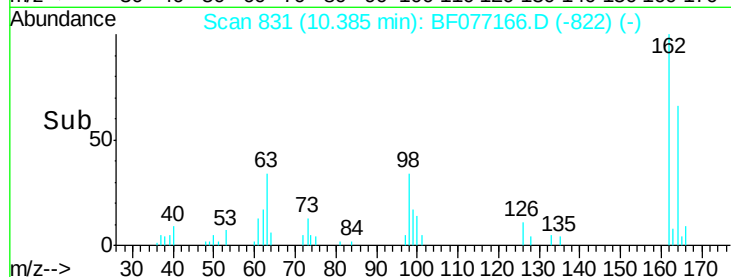
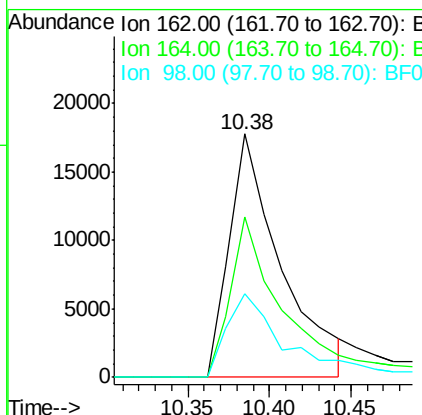
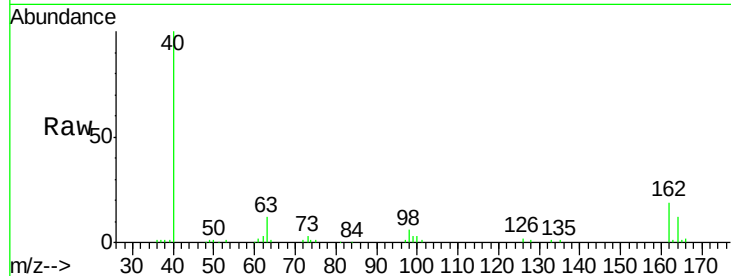
#29  
2,4-Dichlorophenol  
Concen: 28.67 ng  
RT: 10.38 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 38931 |       |       |
| 164     | 65.8  | 43.8  | 83.8  |       |
| 98      | 34.1  | 22.5  | 62.5  |       |

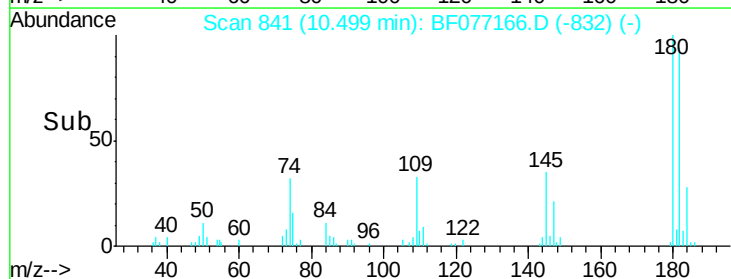
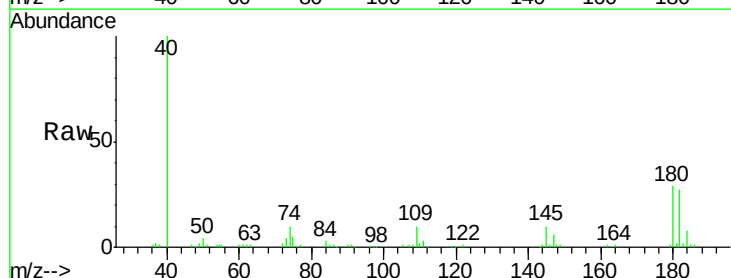
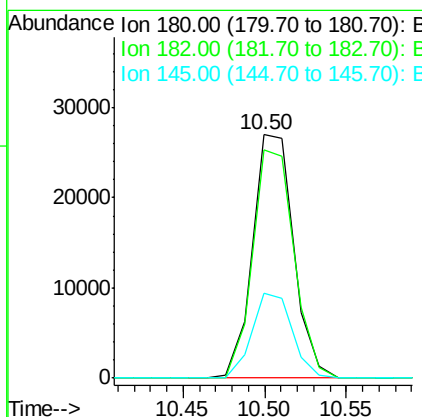
Manual Integrations  
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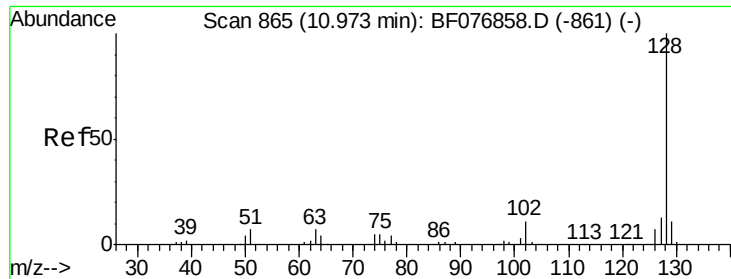
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#30  
1,2,4-Trichlorobenzene  
Concen: 31.31 ng  
RT: 10.50 min Scan# 841  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 47224 |       |       |
| 182     | 93.7  | 73.6  | 110.4 |       |
| 145     | 35.0  | 26.6  | 39.8  |       |





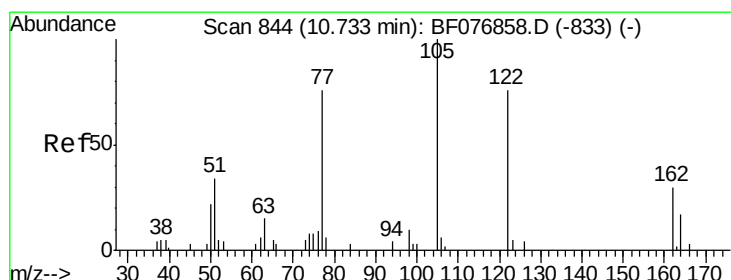
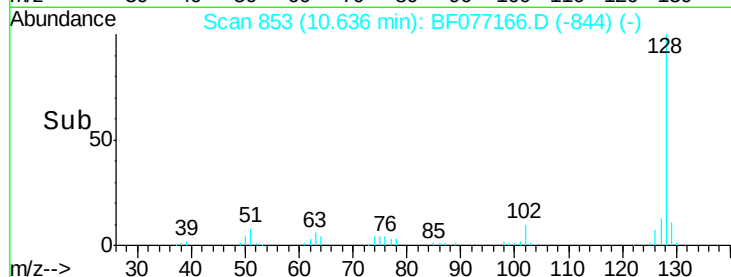
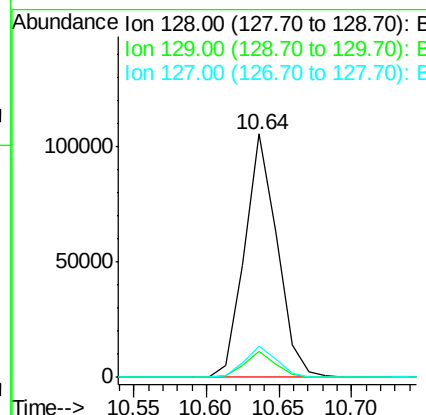
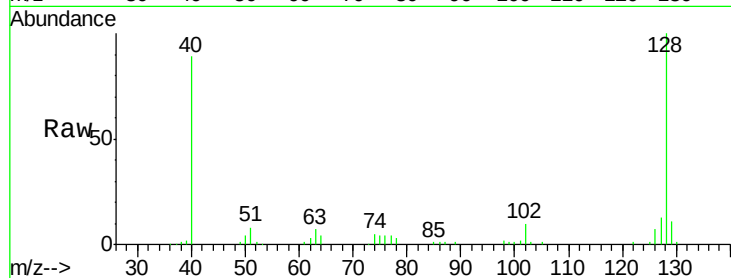
#31  
Naphthalene  
Concen: 31.22 ng  
RT: 10.64 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 164701 |       |       |
| 129     | 10.7  | 9.0    | 13.6  |       |
| 127     | 12.7  | 10.2   | 15.2  |       |

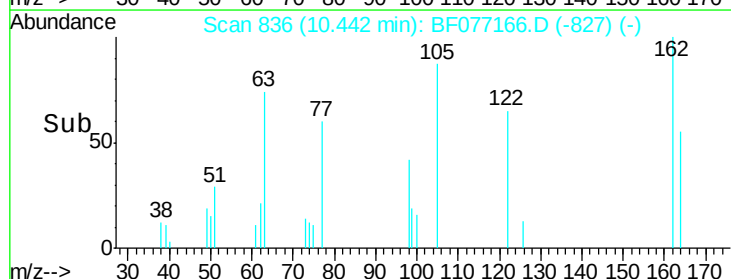
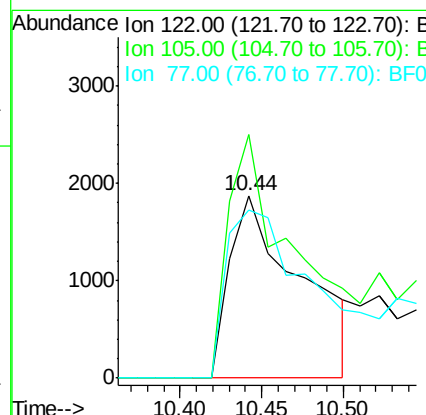
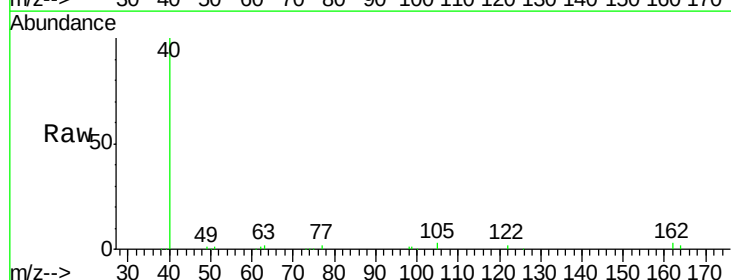
Manual Integrations  
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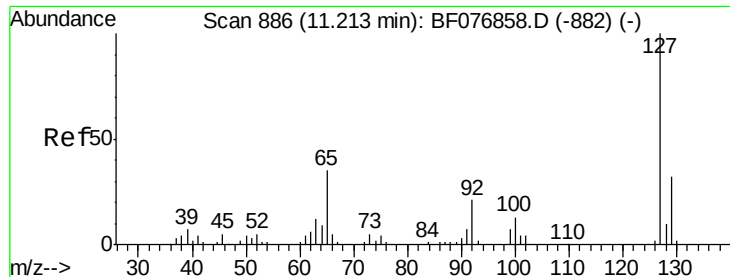
apatel  
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#32  
Benzoic acid  
Concen: 6.98 ng  
RT: 10.44 min Scan# 836  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 5638  |       |       |
| 105     | 133.6 | 111.3 | 151.3 |       |
| 77      | 92.4  | 79.2  | 119.2 |       |





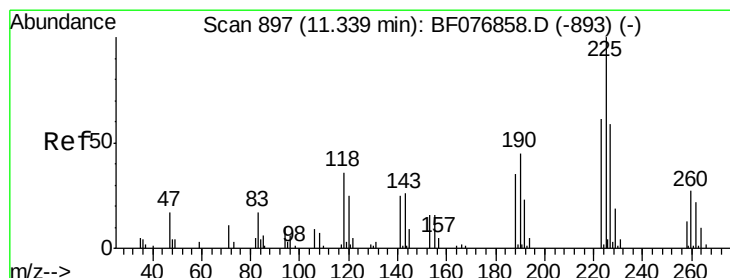
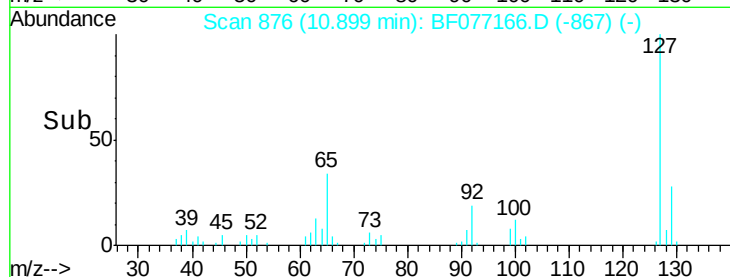
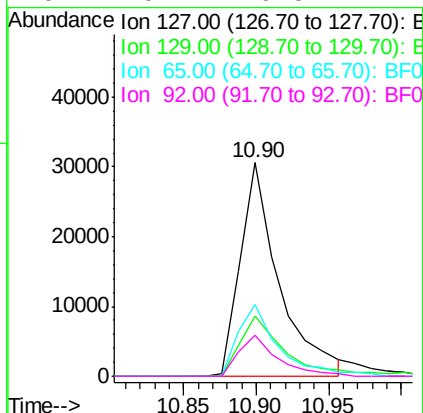
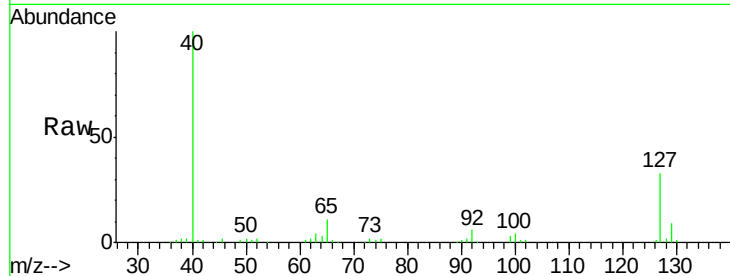
#33  
4-Chloroaniline  
Concen: 26.56 ng  
RT: 10.90 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 56615 |       |       |
| 129     | 28.2  | 25.3  | 37.9  |       |
| 65      | 33.6  | 27.8  | 41.6  |       |
| 92      | 19.2  | 16.5  | 24.7  |       |

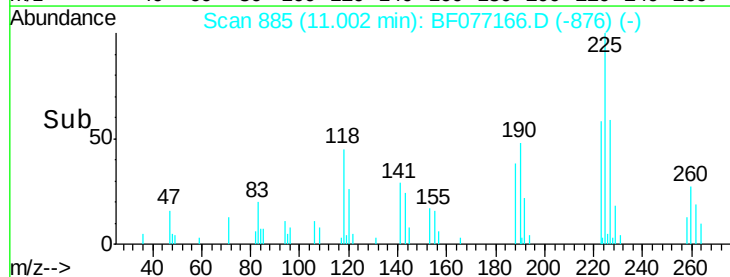
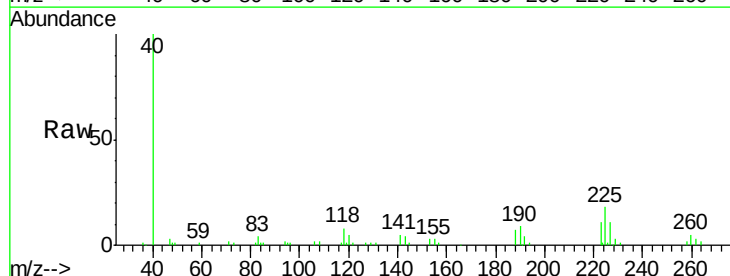
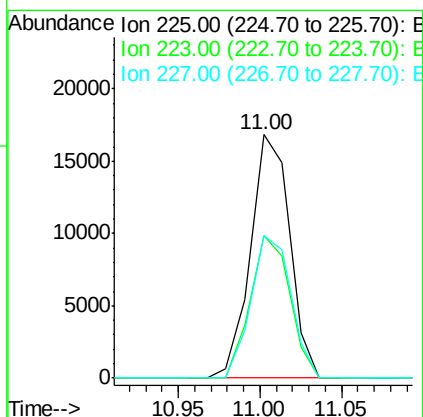
Manual Integrations  
APPROVED

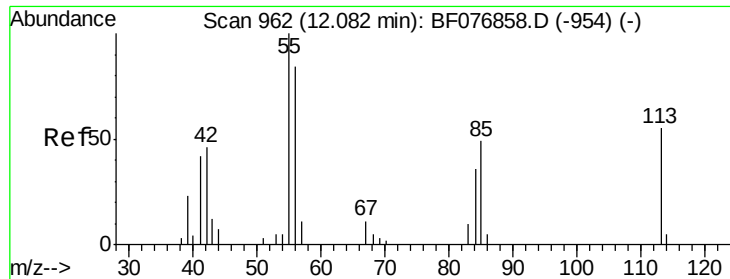
apatel  
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#34  
Hexachlorobutadiene  
Concen: 31.39 ng  
RT: 11.00 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 28096 |       |       |
| 223     | 58.4  | 49.1  | 73.7  |       |
| 227     | 58.6  | 47.5  | 71.3  |       |





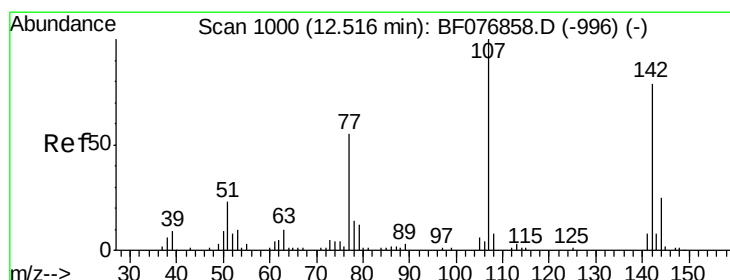
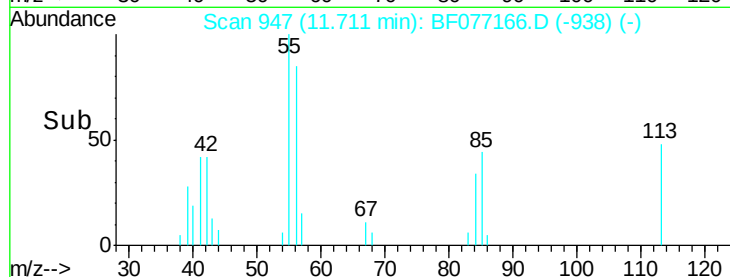
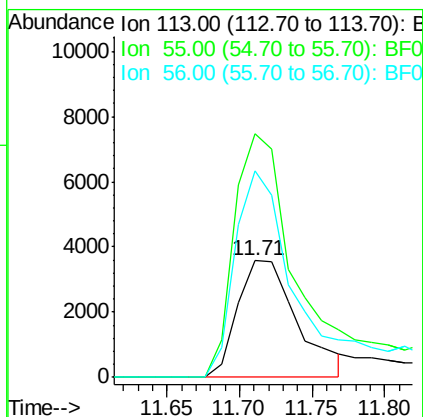
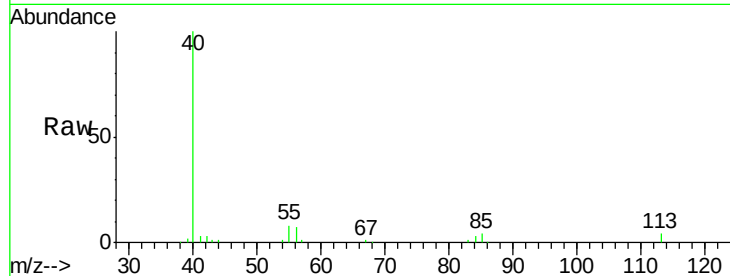
#35  
Caprolactam  
Concen: 25.53 ng  
RT: 11.71 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

Tgt Ion:113 Resp: 10208  
Ion Ratio Lower Upper  
113 100  
55 209.3 162.1 202.1#  
56 177.7 133.7 173.7#

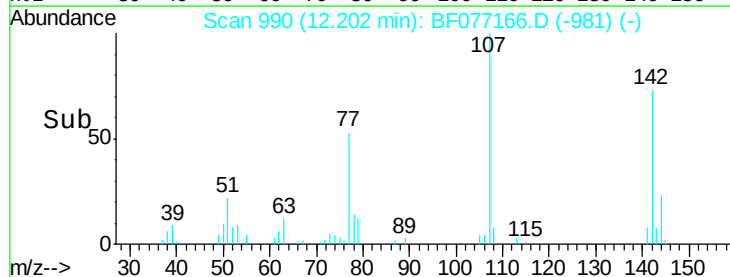
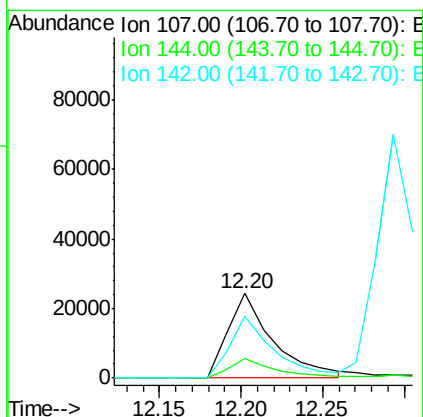
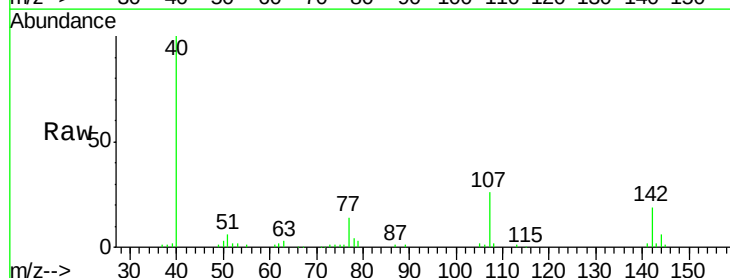
Manual Integrations  
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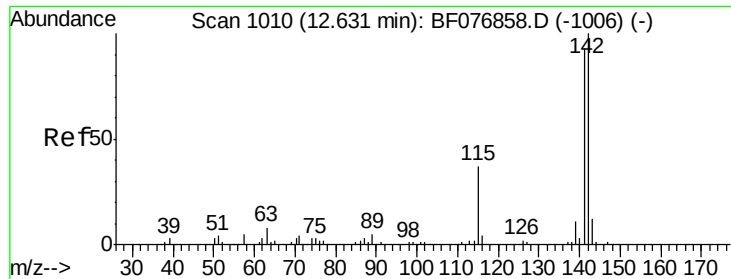
apatel  
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#36  
4-Chloro-3-methylphenol  
Concen: 30.01 ng  
RT: 12.20 min Scan# 990  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion:107 Resp: 46664  
Ion Ratio Lower Upper  
107 100  
144 23.0 20.0 30.0  
142 72.6 63.5 95.3





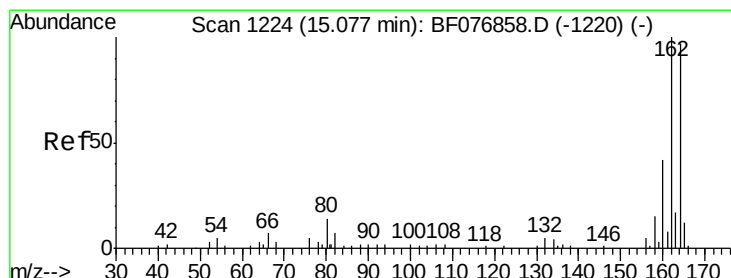
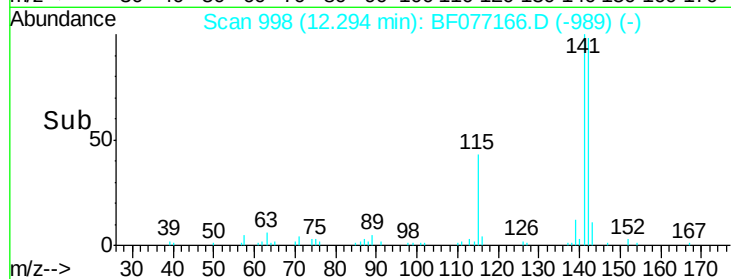
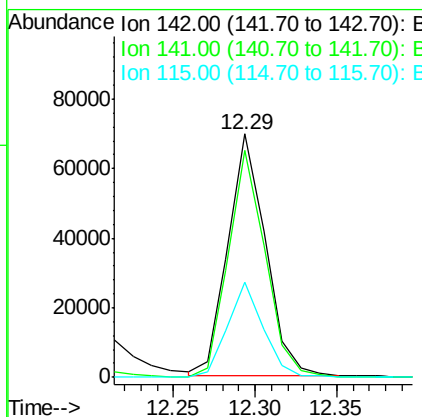
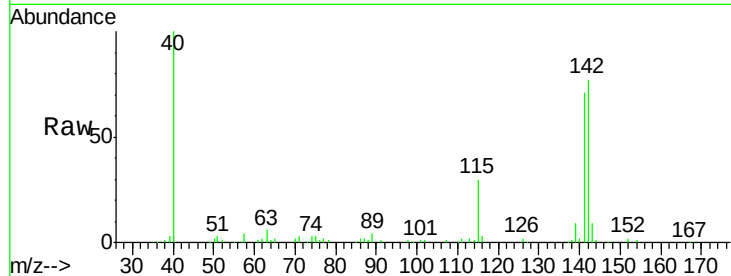
#37  
2-Methylnaphthalene  
Concen: 30.51 ng  
RT: 12.29 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 109922 |       |       |
| 141     | 93.1  | 74.5   | 111.7 |       |
| 115     | 39.3  | 29.7   | 44.5  |       |

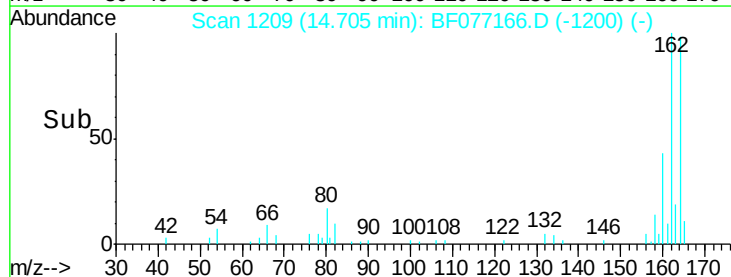
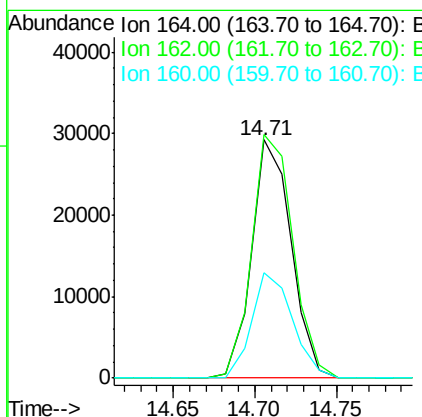
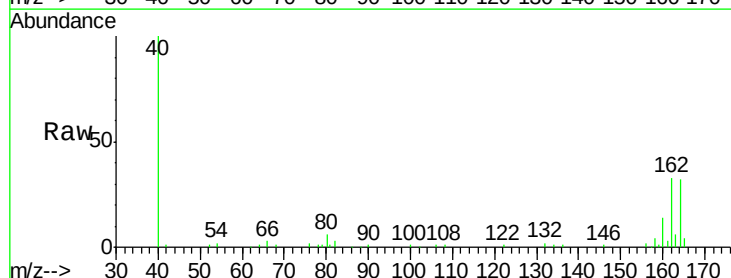
Manual Integrations  
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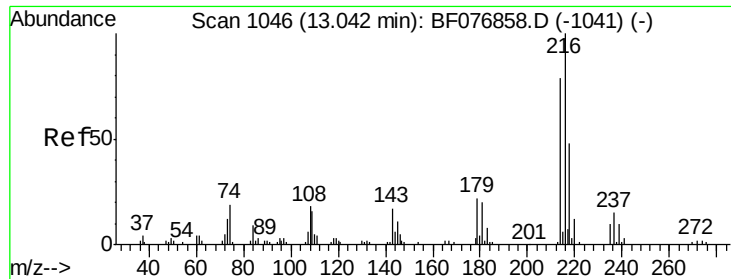
apatel  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.71 min Scan# 1209  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 49218 |       |       |
| 162     | 102.3 | 82.4  | 123.6 |       |
| 160     | 44.1  | 34.8  | 52.2  |       |





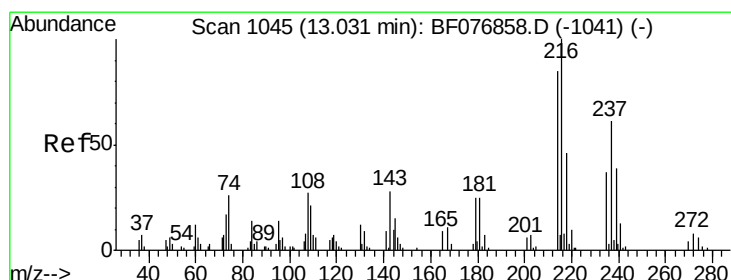
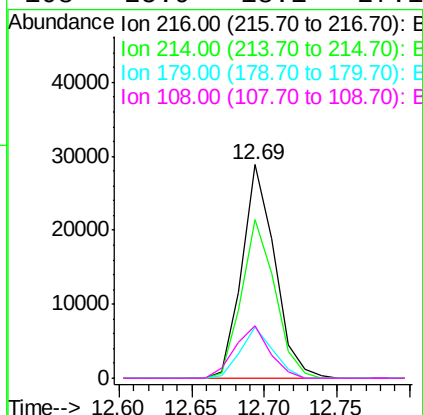
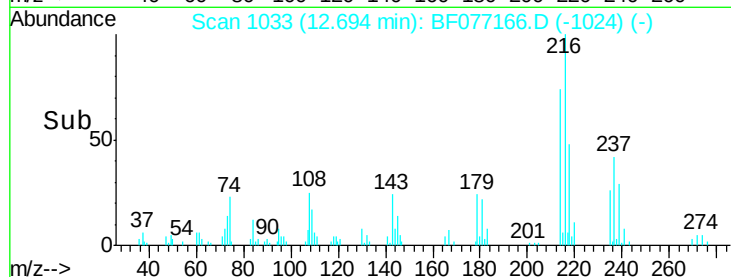
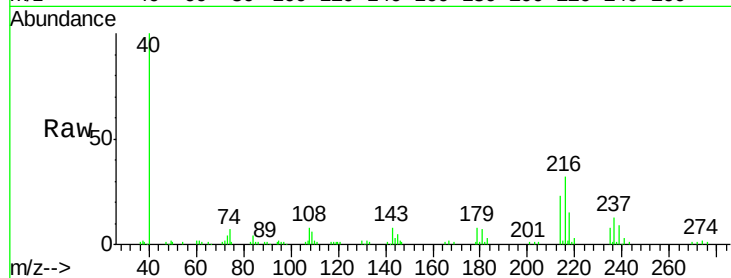
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.44 ng  
 RT: 12.69 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 74.7  | 64.9  | 97.3  |
| 179     | 23.6  | 18.6  | 28.0  |
| 108     | 25.9  | 18.1  | 27.1  |

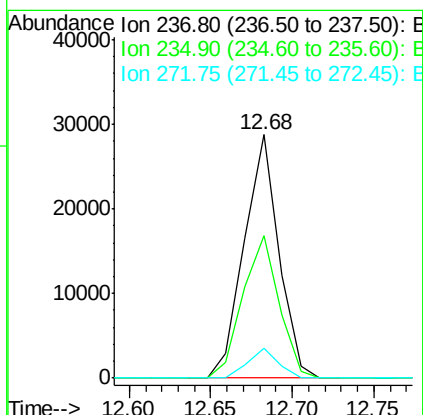
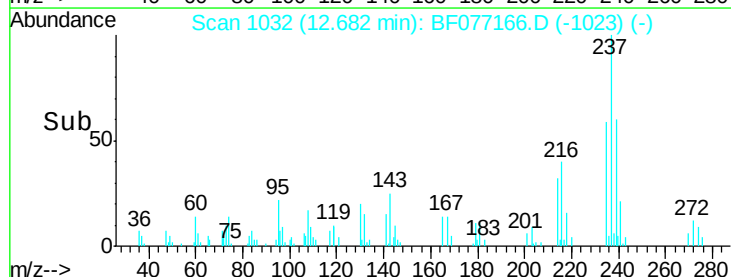
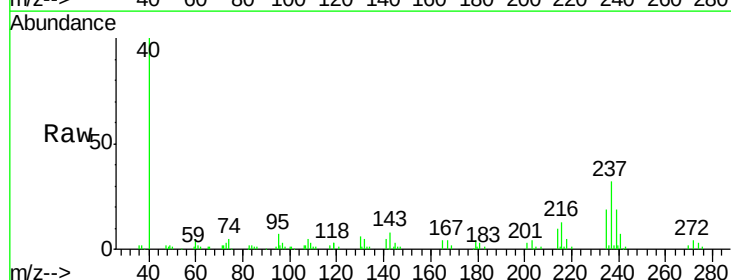
Manual Integrations  
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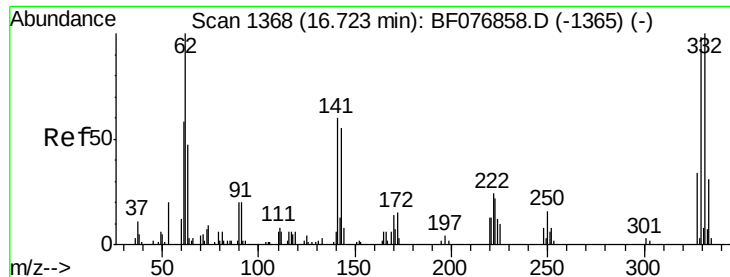


#40  
 Hexachlorocyclopentadiene  
 Concen: 65.53 ng  
 RT: 12.68 min Scan# 1032  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 58.8  | 40.4  | 80.4  |
| 272     | 12.5  | 0.0   | 33.2  |







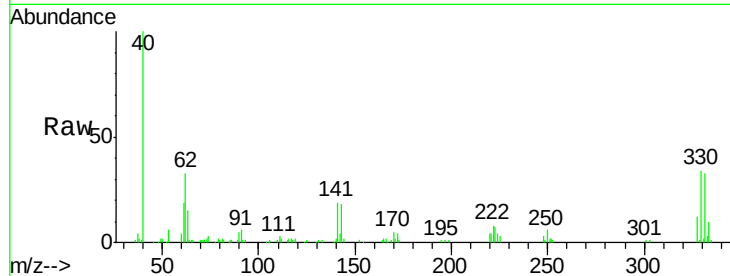
#41  
 2,4,6-Tribromophenol  
 Concen: 104.80 ng  
 RT: 16.44 min Scan# 1361  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

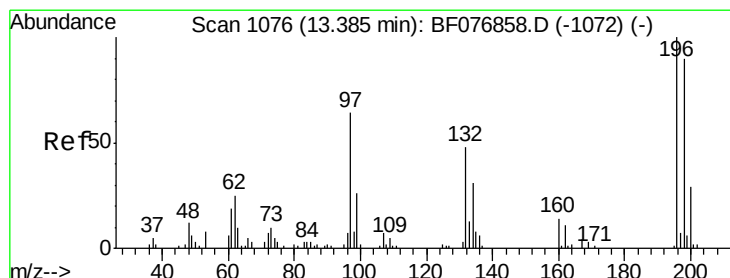
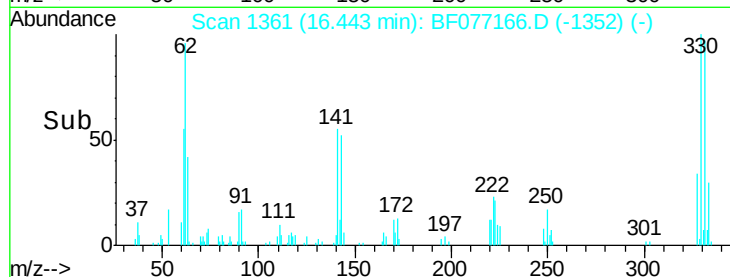
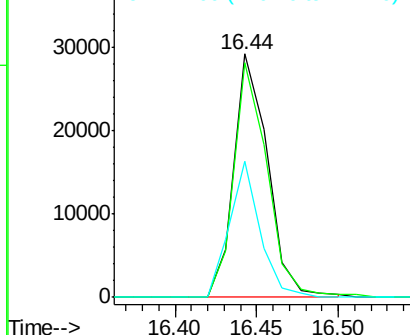
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 41869 |       |       |
| 332     | 94.7  | 77.8  | 116.6 |       |
| 141     | 50.6  | 38.5  | 57.7  |       |

Manual Integrations  
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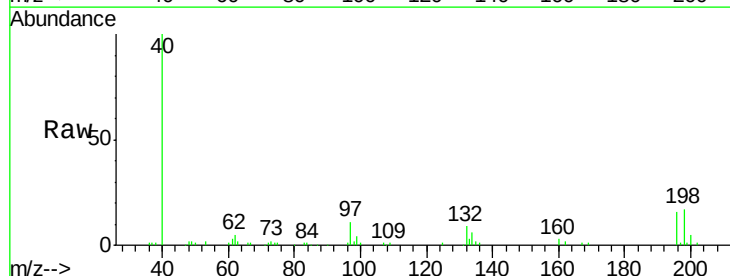


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

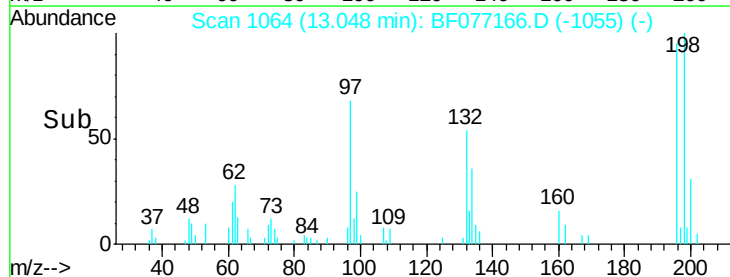
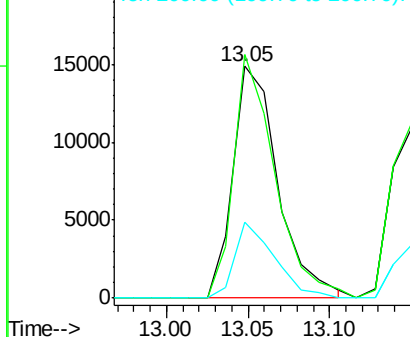


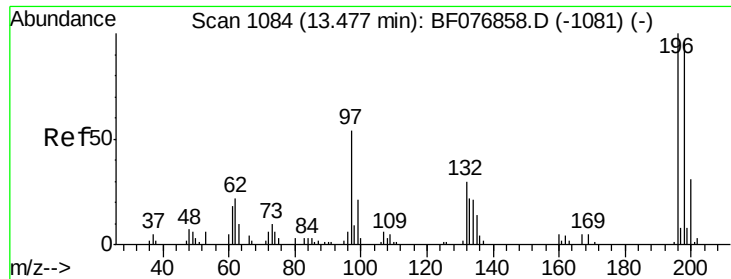
#42  
 2,4,6-Trichlorophenol  
 Concen: 32.11 ng  
 RT: 13.05 min Scan# 1064  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 28468 |       |       |
| 198     | 104.9 | 72.0  | 108.0 |       |
| 200     | 32.7  | 23.4  | 35.2  |       |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





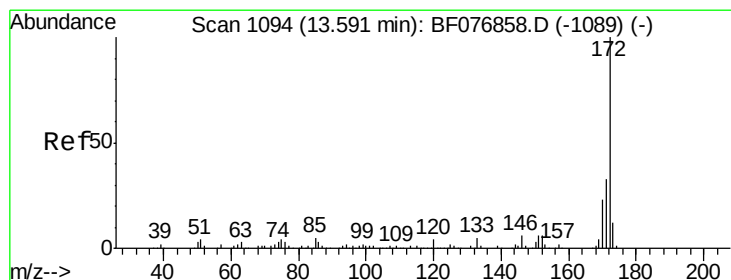
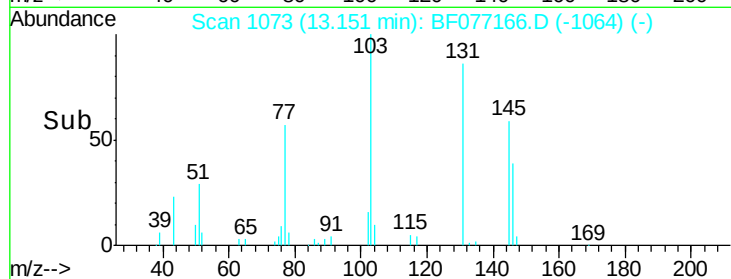
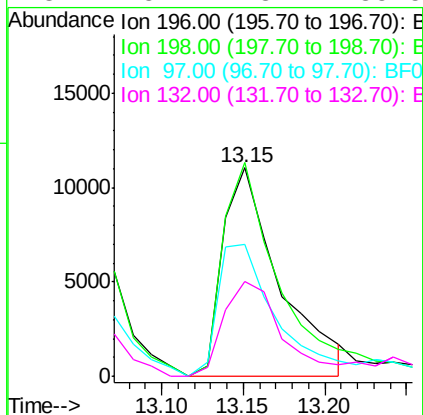
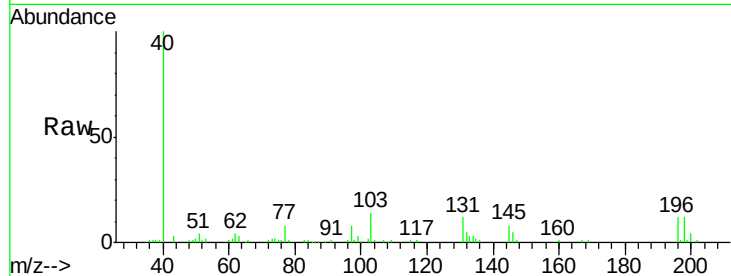
#43  
2,4,5-Trichlorophenol  
Concen: 29.52 ng  
RT: 13.15 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 26691 |       |       |
| 198     | 102.5 | 76.6  | 115.0 |       |
| 97      | 63.2  | 43.4  | 65.0  |       |
| 132     | 45.4  | 23.7  | 35.5# |       |

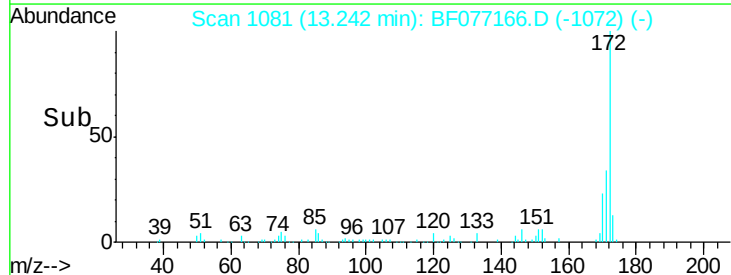
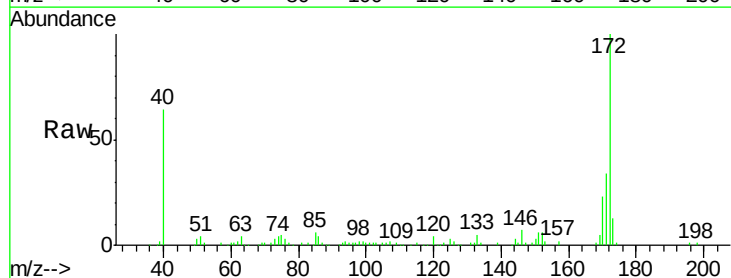
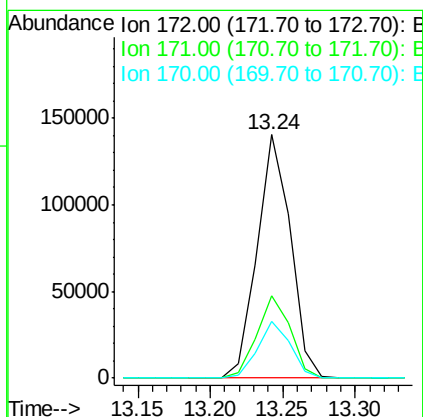
Manual Integrations  
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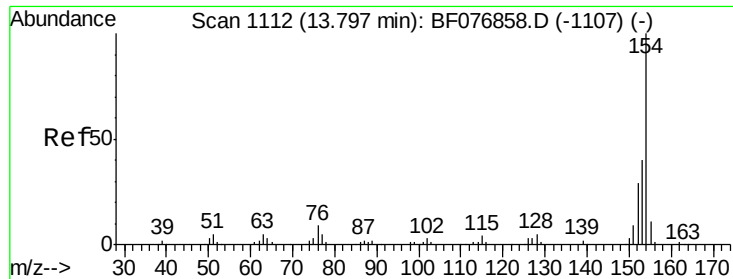
apatel  
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#44  
2-Fluorobiphenyl  
Concen: 69.25 ng  
RT: 13.24 min Scan# 1081  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 223970 |       |       |
| 171     | 33.6  | 26.6   | 40.0  |       |
| 170     | 23.2  | 18.0   | 27.0  |       |





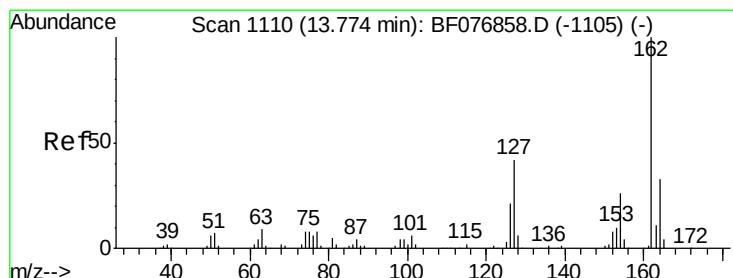
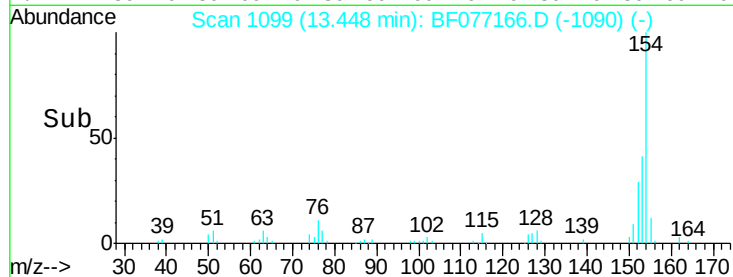
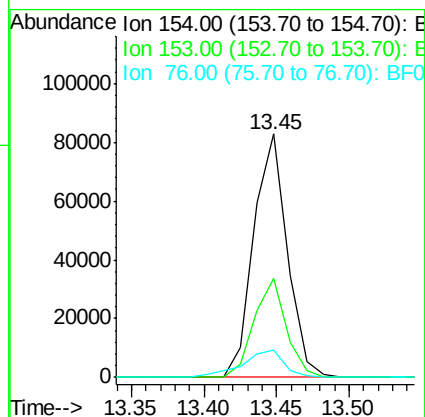
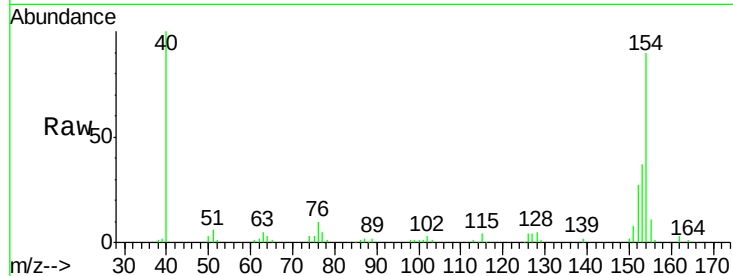
#45  
 1,1'-Biphenyl  
 Concen: 36.36 ng  
 RT: 13.45 min Scan# 1099  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 132682 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.6  | 20.2  | 60.2   |
| 76        | 11.0  | 0.0   | 29.0   |

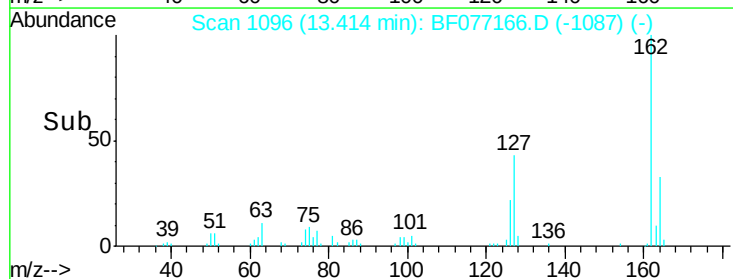
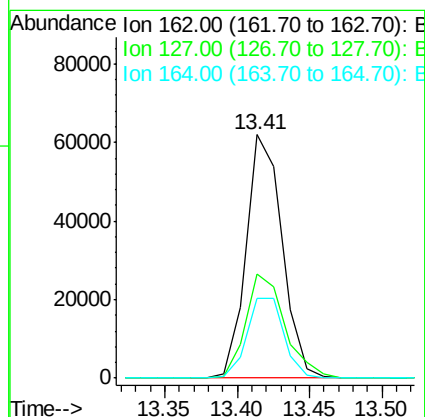
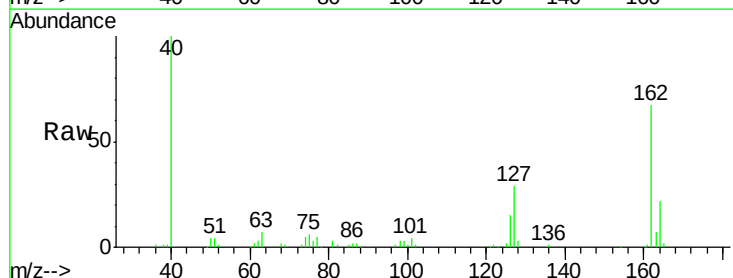
Manual Integrations  
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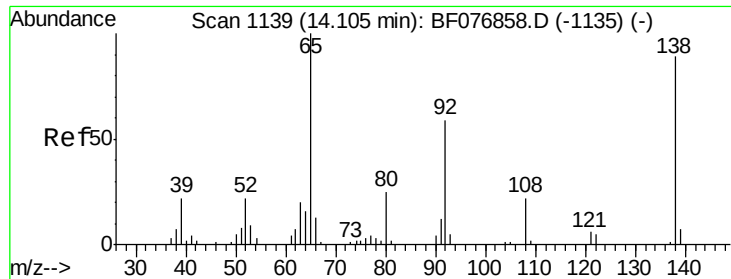
apatel  
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#46  
 2-Chloronaphthalene  
 Concen: 35.33 ng  
 RT: 13.41 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 106093 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 42.7  | 33.8  | 50.6   |
| 164       | 32.9  | 26.8  | 40.2   |





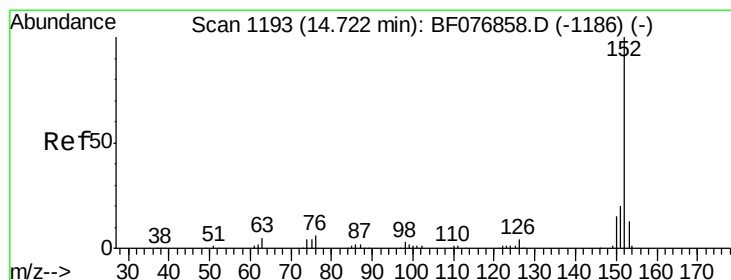
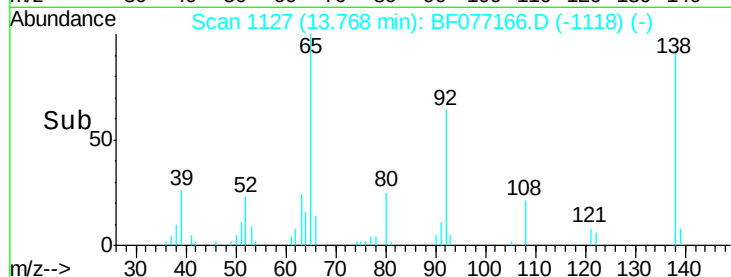
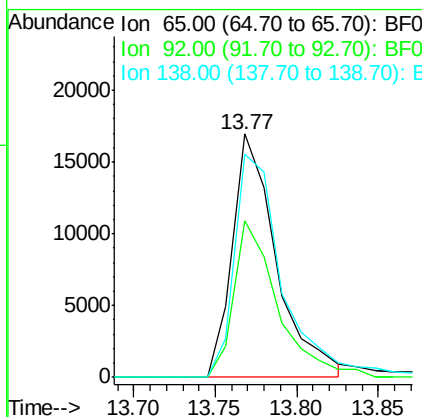
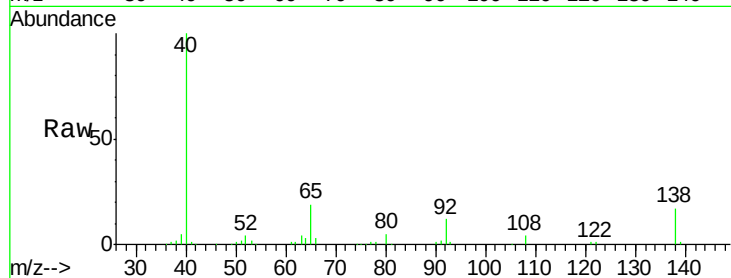
#47  
2-Nitroaniline  
Concen: 34.78 ng  
RT: 13.77 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

Tgt Ion: 65 Resp: 31682  
Ion Ratio Lower Upper  
65 100  
92 64.3 47.3 70.9  
138 91.9 71.4 107.2

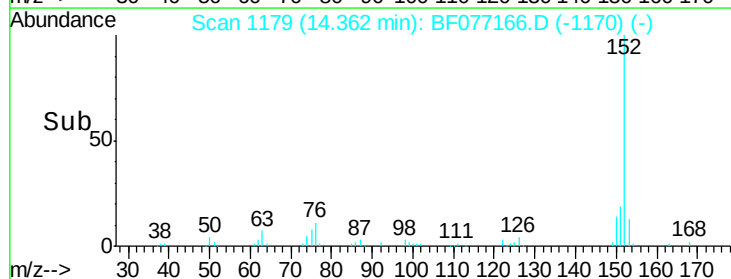
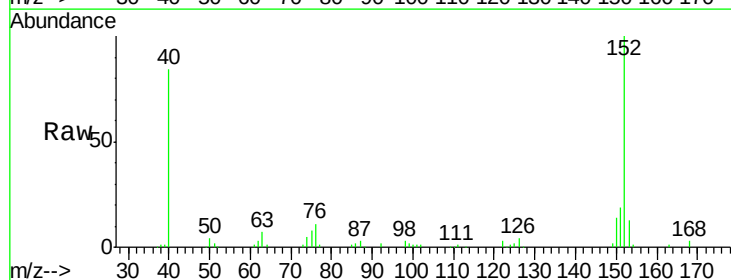
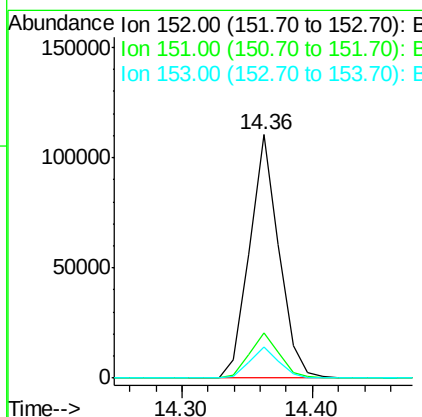
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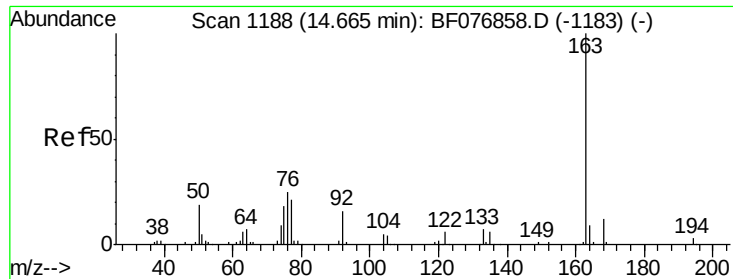
apatel  
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#48  
Acenaphthylene  
Concen: 34.36 ng  
RT: 14.36 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Tgt Ion: 152 Resp: 174014  
Ion Ratio Lower Upper  
152 100  
151 18.7 15.9 23.9  
153 13.0 10.2 15.4





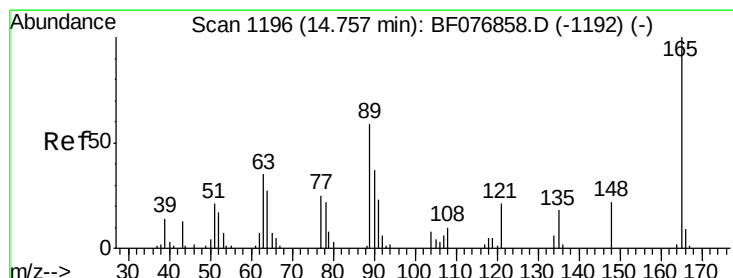
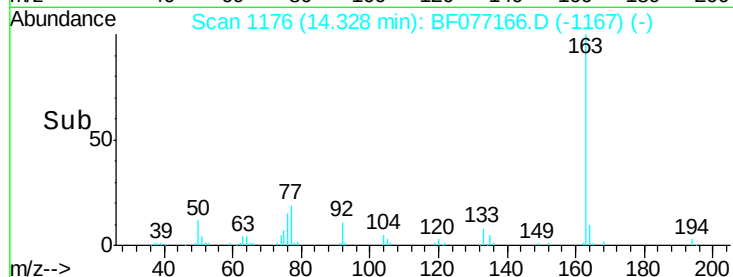
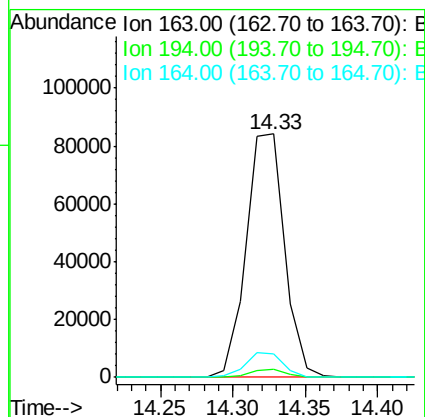
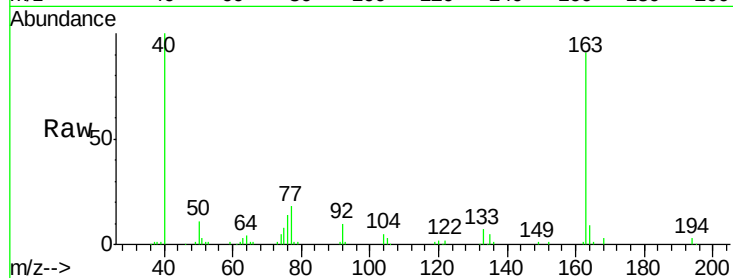
#49  
Dimethylphthalate  
Concen: 44.18 ng  
RT: 14.33 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.4   | 2.6        | 4.0        |
| 164     | 9.7   | 7.5        | 11.3       |

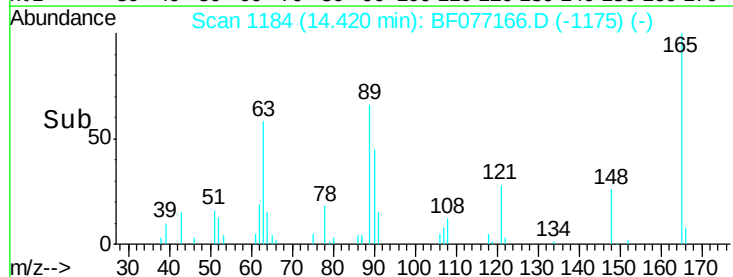
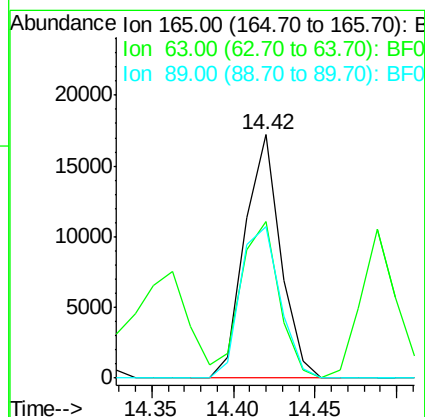
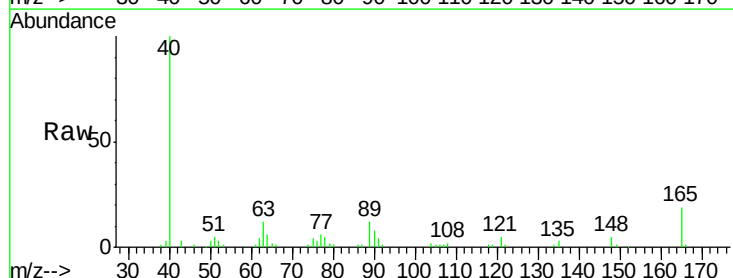
Manual Integrations  
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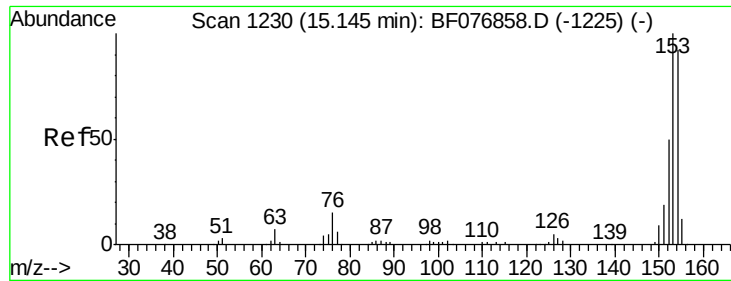
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#50  
2,6-Dinitrotoluene  
Concen: 37.60 ng  
RT: 14.42 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 64.6  | 48.1       | 72.1       |
| 89      | 62.5  | 47.2       | 70.8       |





#51

Acenaphthene

Concen: 33.92 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077166.D

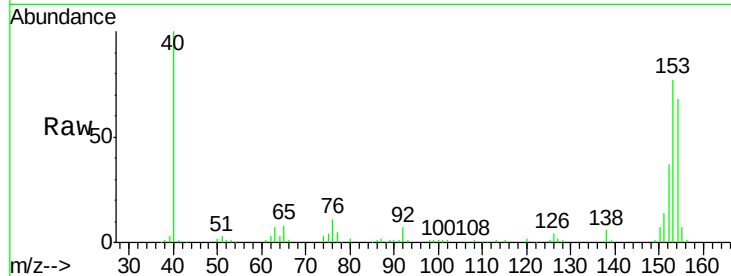
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

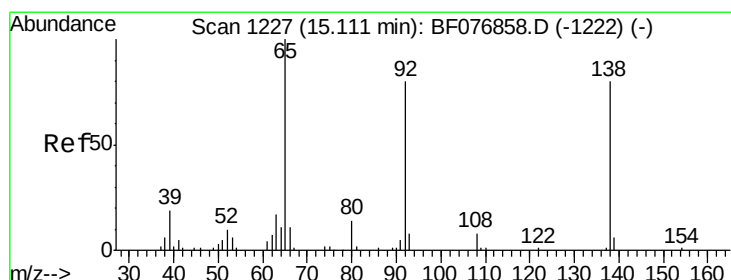
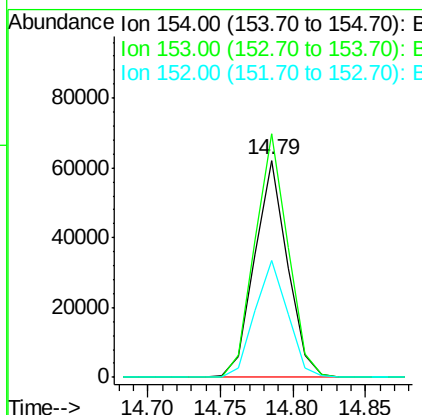
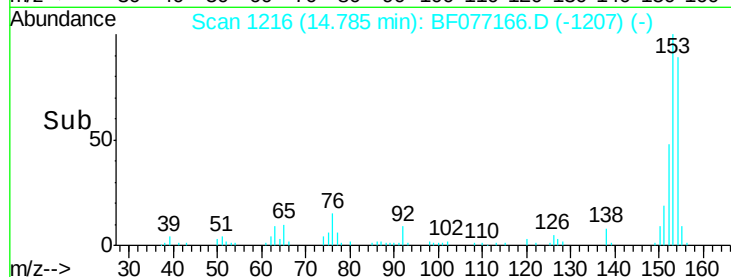
FK-BPM-02-F5-F6-F7-F8MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.2 | 87.0  | 130.6 |
| 152     | 53.7  | 43.5  | 65.3  |

Manual Integrations  
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#52

3-Nitroaniline

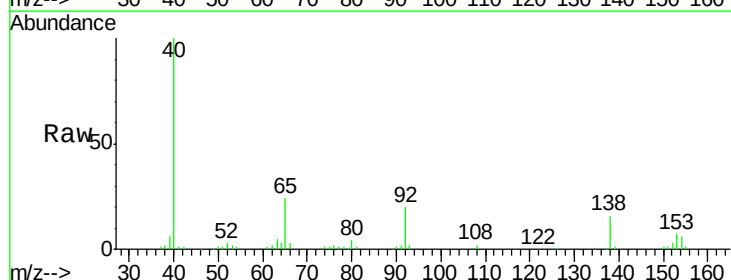
Concen: 30.48 ng

RT: 14.76 min Scan# 1214

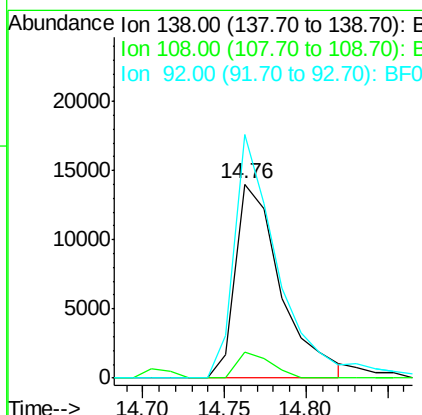
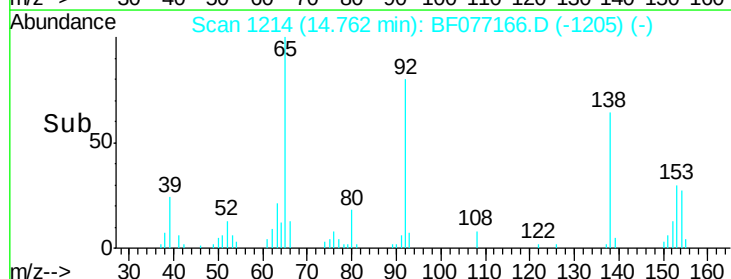
Delta R.T. 0.00 min

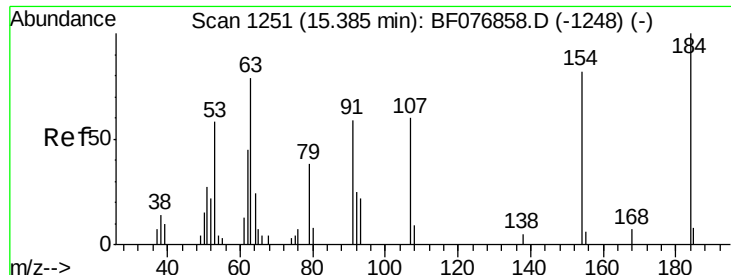
Lab File: BF077166.D

Acq: 3 Feb 2015 17:43



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 13.2  | 8.3   | 12.5#  |
| 92      | 125.7 | 80.9  | 121.3# |





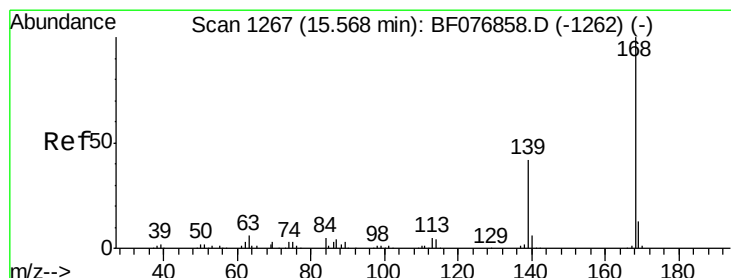
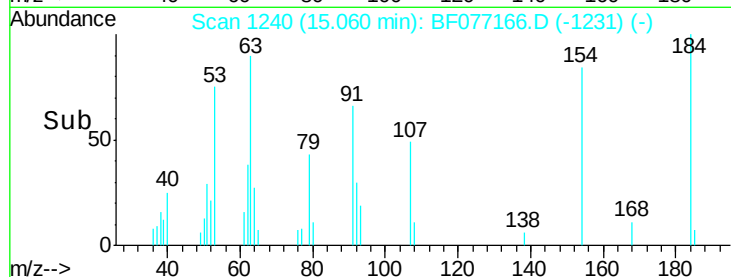
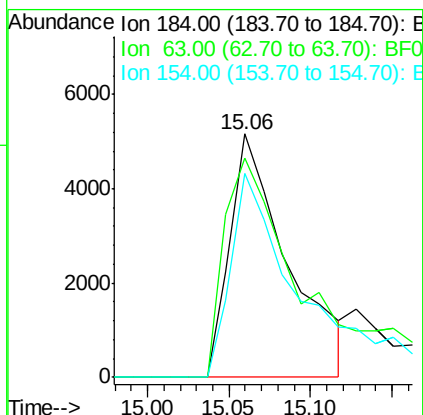
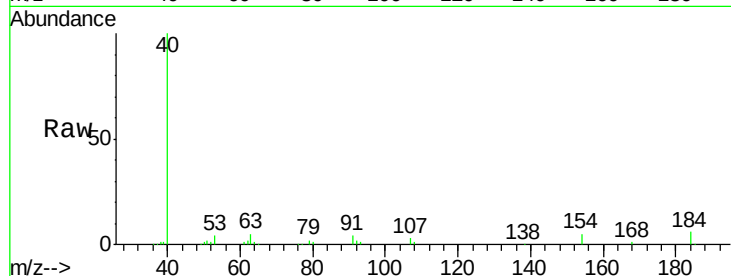
#53  
2,4-Dinitrophenol  
Concen: 44.88 ng  
RT: 15.06 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 12707 |       |       |
| 63      | 90.1  | 63.0  | 94.6  |       |
| 154     | 83.9  | 65.5  | 98.3  |       |

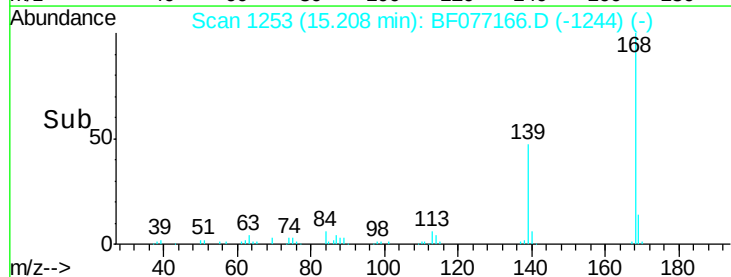
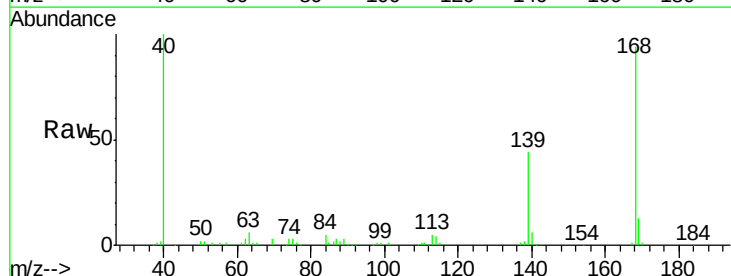
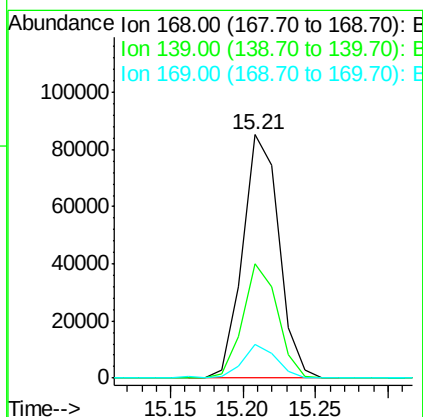
Manual Integrations  
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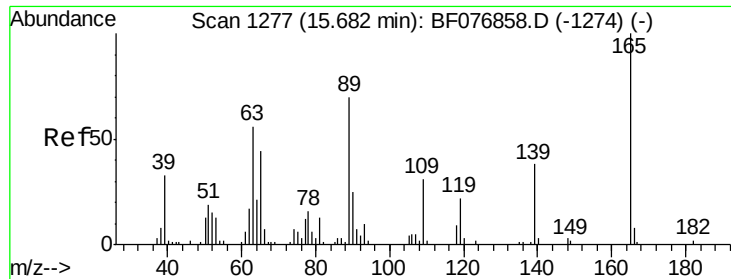
apatel  
2/4/2015 1:54:33 PM



#54  
Dibenzofuran  
Concen: 35.25 ng  
RT: 15.21 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 147540 |       |       |
| 139     | 46.8  | 33.4   | 50.2  |       |
| 169     | 13.6  | 10.6   | 15.8  |       |





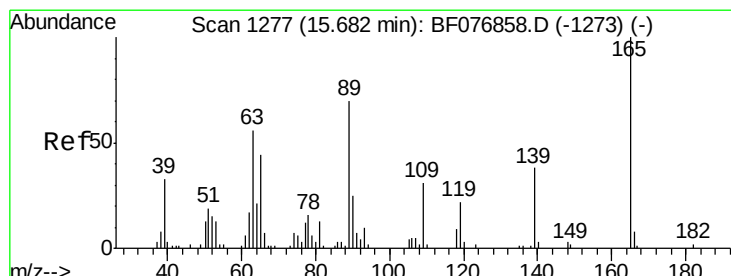
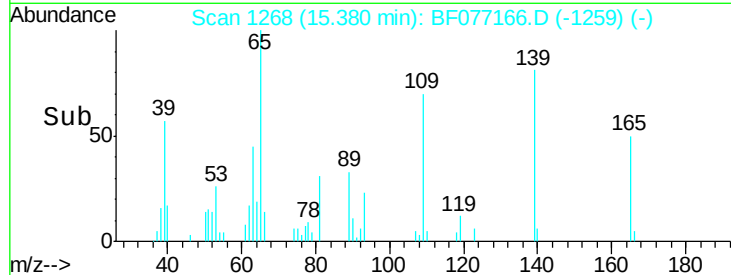
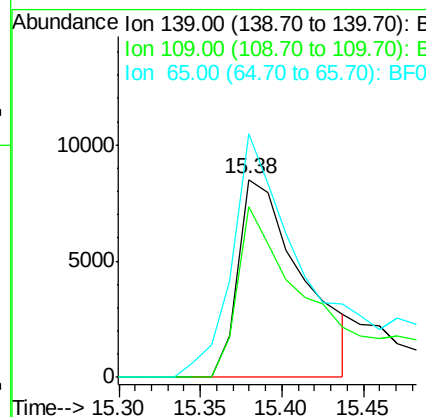
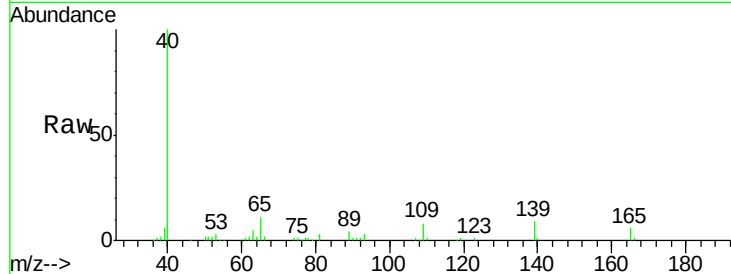
#55  
4-Nitrophenol  
Concen: 42.49 ng  
RT: 15.38 min Scan# 1268  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 23249 |       |       |
| 109     | 86.1  | 61.0  | 101.0 |       |
| 65      | 123.1 | 96.6  | 136.6 |       |

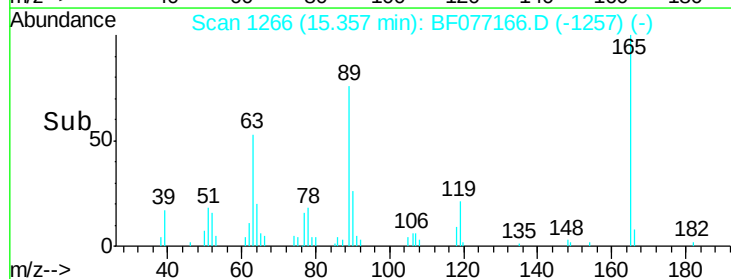
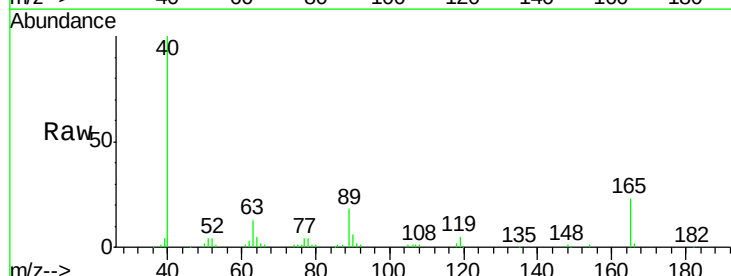
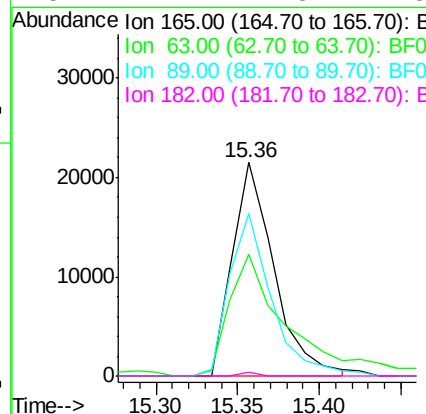
Manual Integrations  
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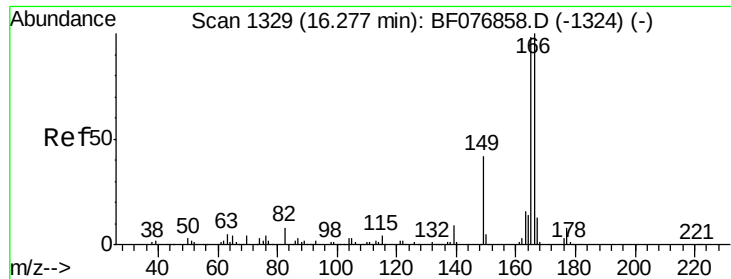


#56  
2,4-Dinitrotoluene  
Concen: 36.81 ng  
RT: 15.36 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 37943 |       |       |
| 63      | 57.0  | 44.8  | 67.2  |       |
| 89      | 76.3  | 56.2  | 84.2  |       |
| 182     | 2.1   | 1.5   | 2.3   |       |







#57

Fluorene

Concen: 34.79 ng

RT: 15.97 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF077166.D

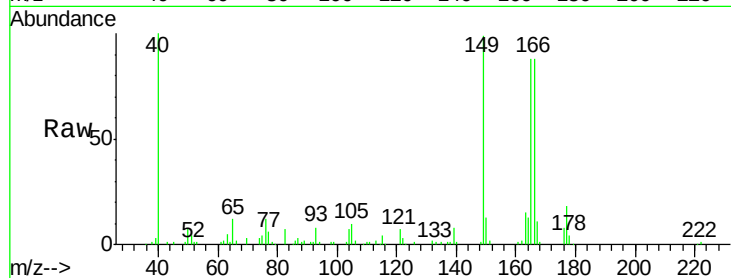
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

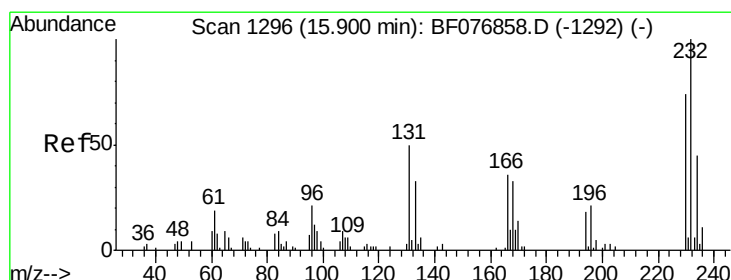
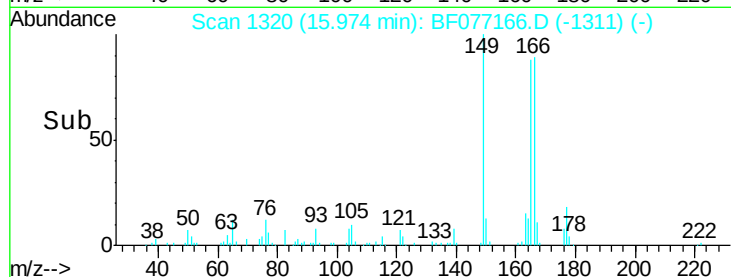
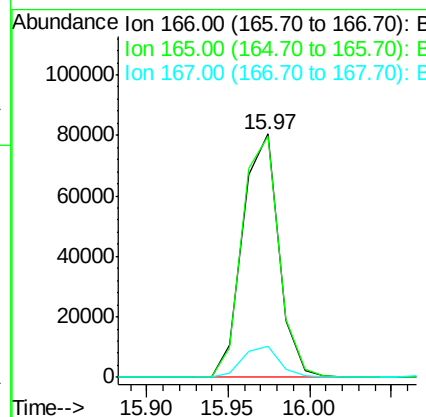
FK-BPM-02-F5-F6-F7-F8MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.2  | 78.5  | 117.7 |
| 167     | 12.8  | 10.4  | 15.6  |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 29.84 ng

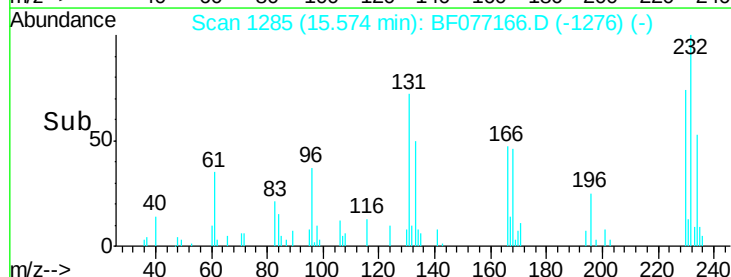
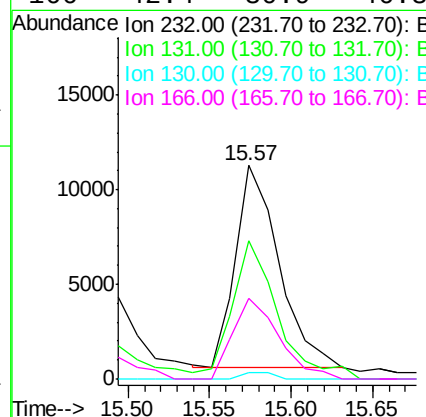
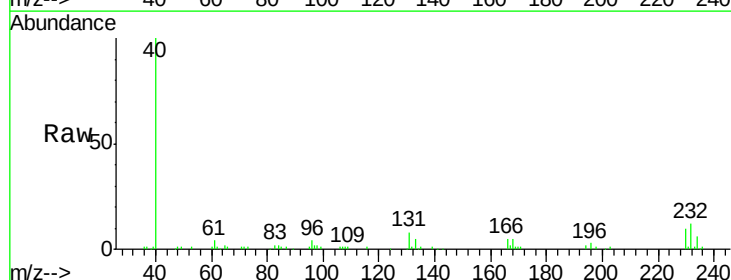
RT: 15.57 min Scan# 1285

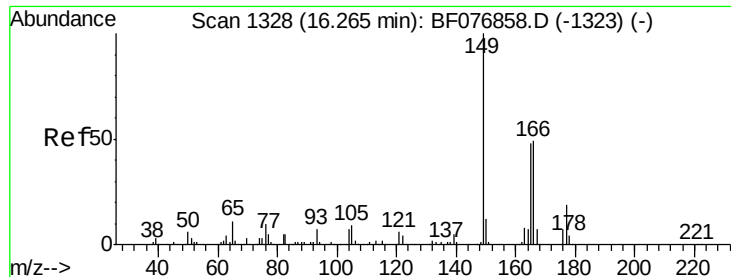
Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 60.9  | 45.0  | 67.6  |
| 130     | 2.5   | 2.6   | 3.8#  |
| 166     | 42.4  | 30.9  | 46.3  |





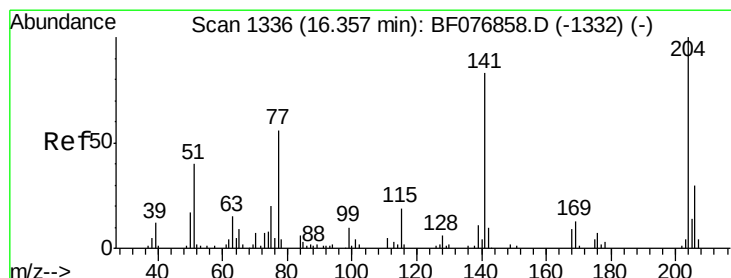
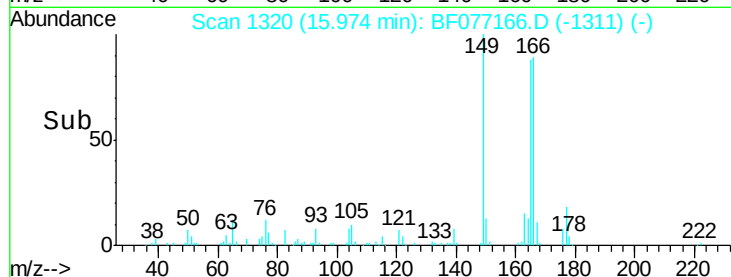
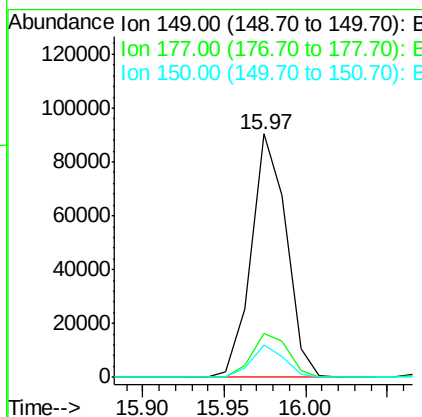
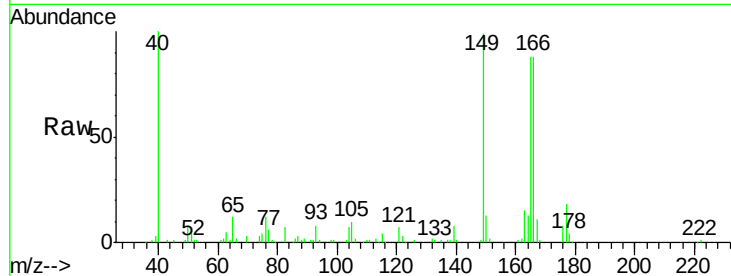
#59  
Diethylphthalate  
Concen: 38.30 ng  
RT: 15.97 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 135118 |       |       |
| 177     | 17.9  | 15.0   | 22.6  |       |
| 150     | 13.2  | 9.4    | 14.0  |       |

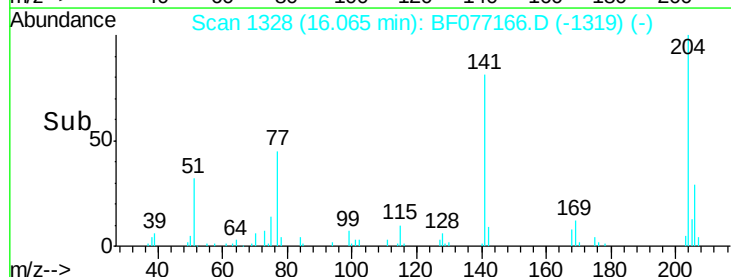
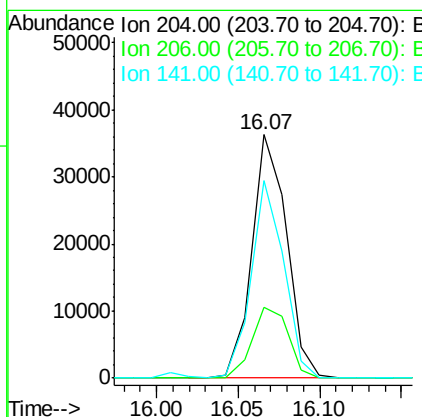
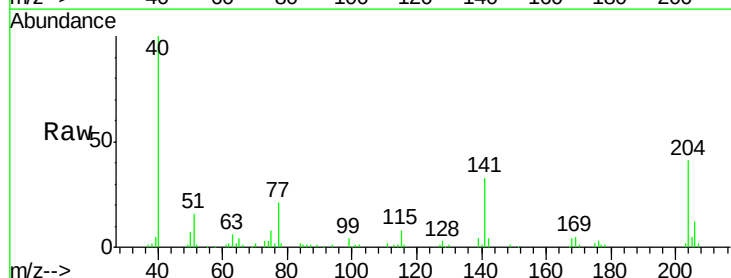
Manual Integrations  
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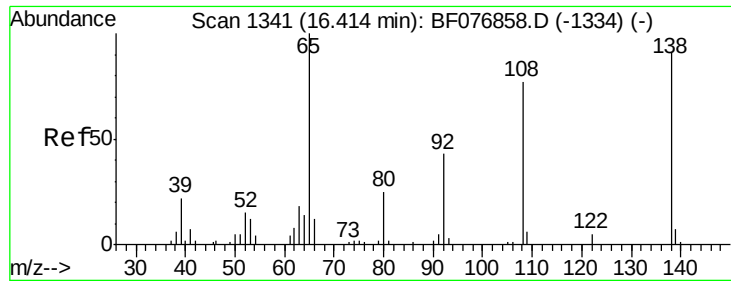
apatel  
2/4/2015 1:54:33 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.03 ng  
RT: 16.07 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 53724 |       |       |
| 206     | 29.3  | 24.2  | 36.2  |       |
| 141     | 81.3  | 66.7  | 100.1 |       |





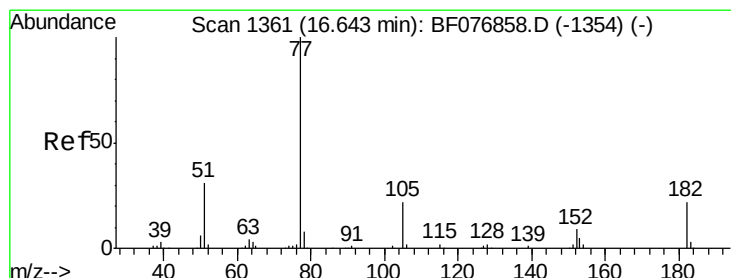
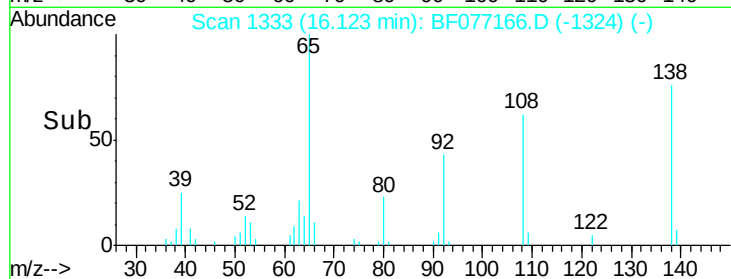
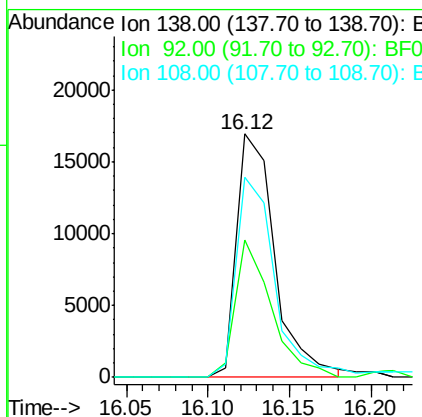
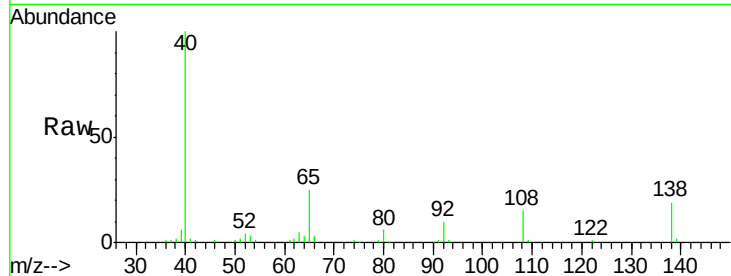
#61  
 4-Nitroaniline  
 Concen: 31.80 ng  
 RT: 16.12 min Scan# 1333  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 27513 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 56.4  | 26.7  | 66.7  |
| 108       | 82.4  | 64.5  | 104.5 |

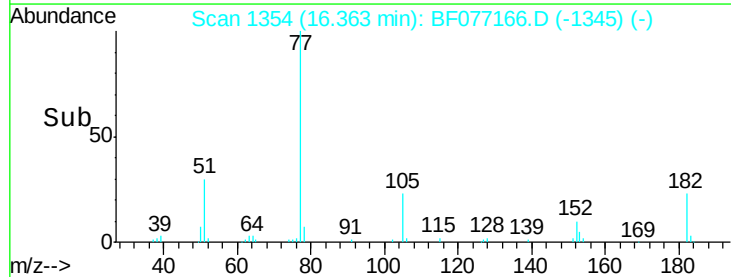
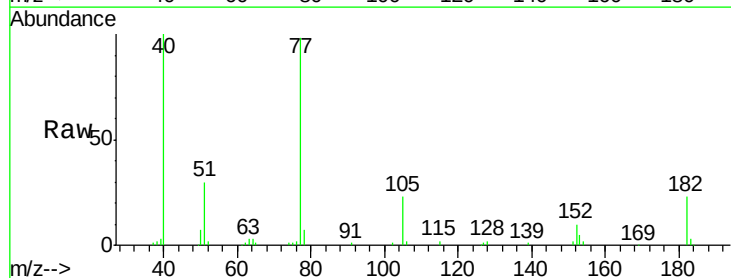
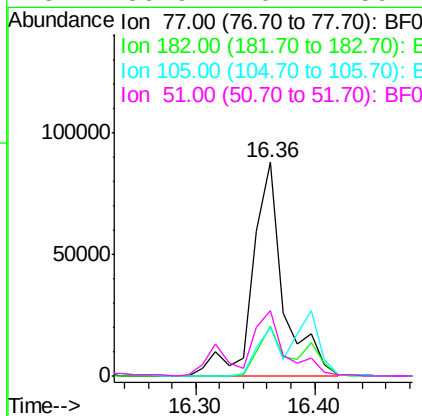
Manual Integrations  
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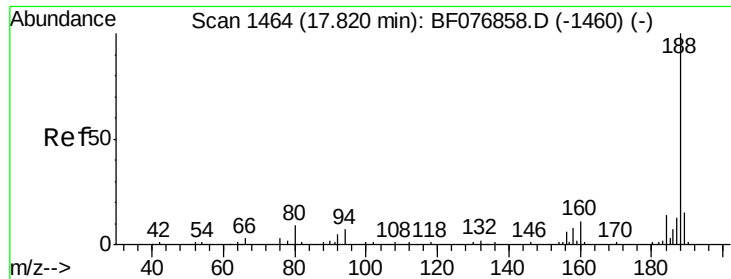
apatel  
 2/4/2015 1:54:33 PM



#62  
 Azobenzene  
 Concen: 43.70 ng  
 RT: 16.36 min Scan# 1354  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 160610 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 23.2  | 2.0   | 42.0   |
| 105       | 23.0  | 2.3   | 42.3   |
| 51        | 30.9  | 10.7  | 50.7   |





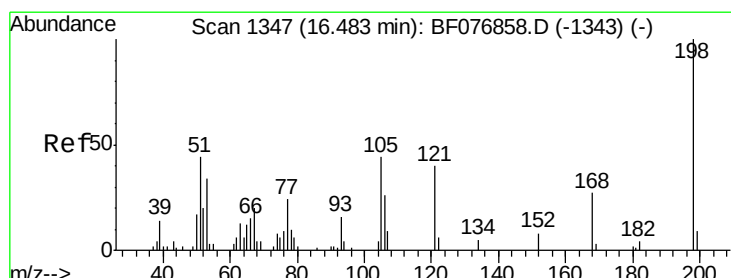
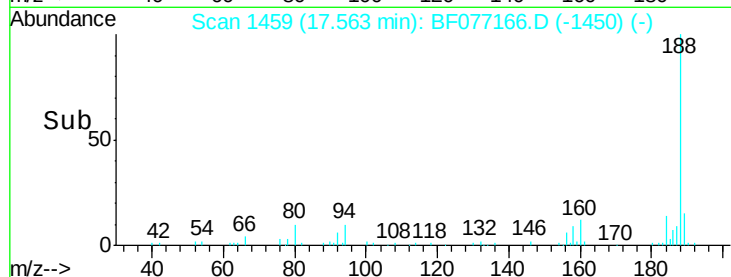
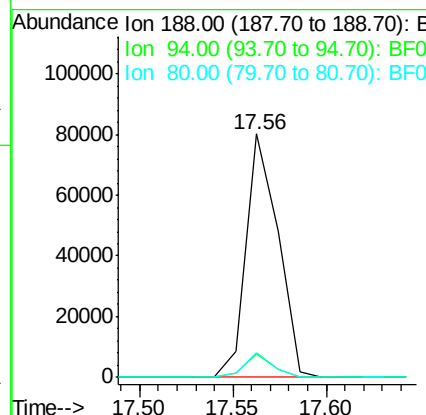
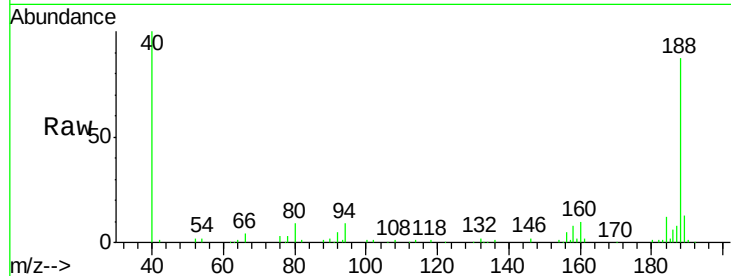
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 1459  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 188     | 100   | 95227 |       |       |
| 94      | 9.8   | 6.0   | 9.0#  |       |
| 80      | 10.0  | 6.9   | 10.3  |       |

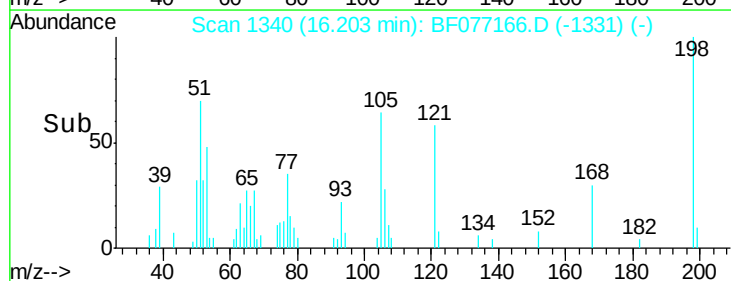
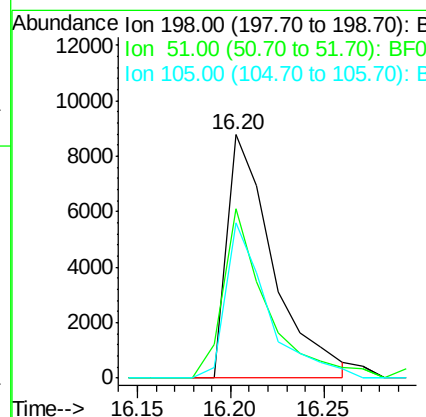
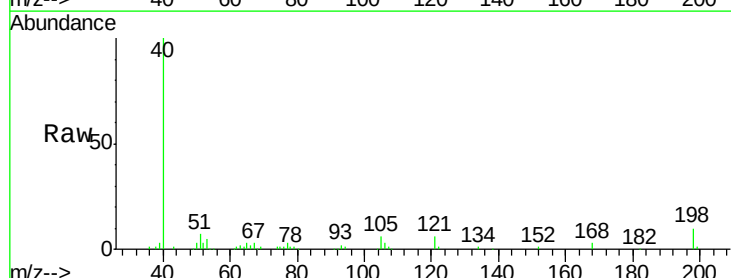
Manual Integrations  
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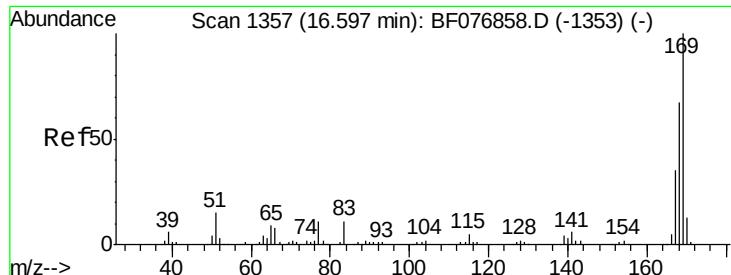
apatel  
2/4/2015 1:54:33 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 26.40 ng  
RT: 16.20 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

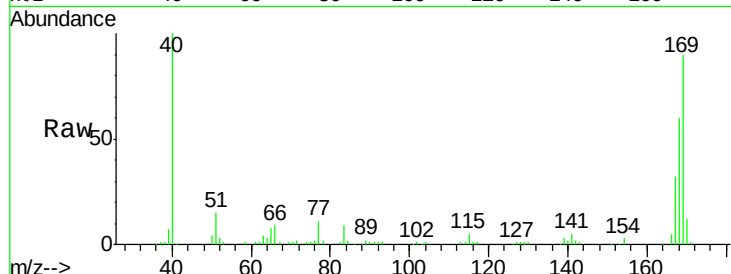
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 15178 |       |       |
| 51      | 69.7  | 24.2  | 64.2# |       |
| 105     | 63.7  | 24.0  | 64.0  |       |





#65  
 n-Nitrosodiphenylamine  
 Concen: 31.44 ng  
 RT: 16.32 min Scan# 1350  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

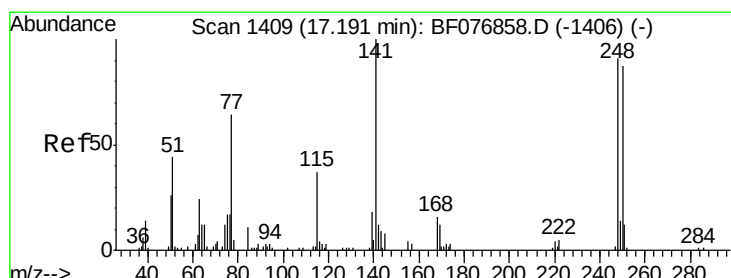
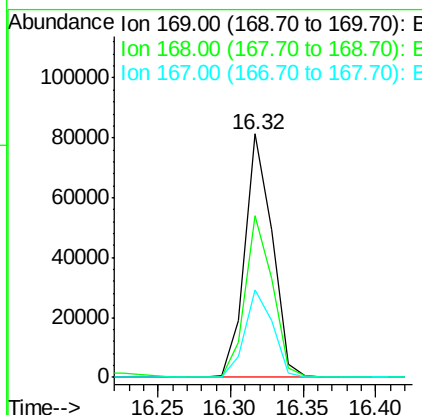
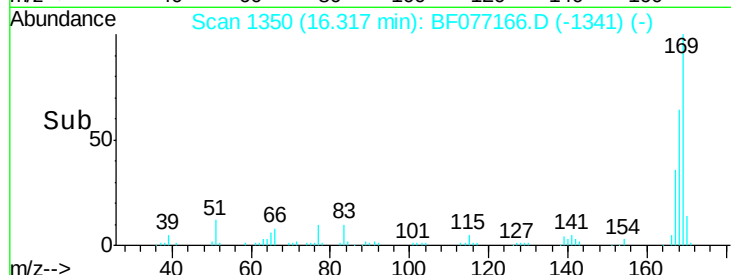
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 106739 |       |       |
| 168     | 66.5  | 53.8   | 80.6  |       |
| 167     | 35.9  | 27.8   | 41.6  |       |

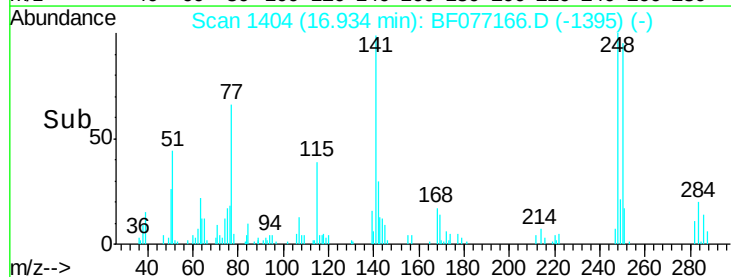
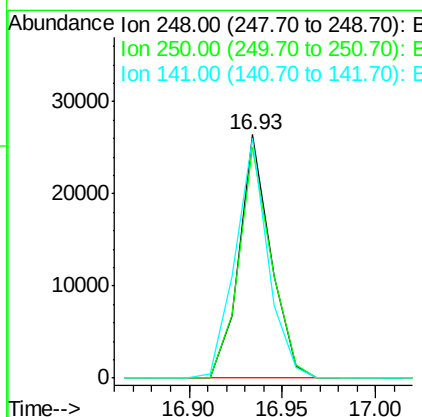
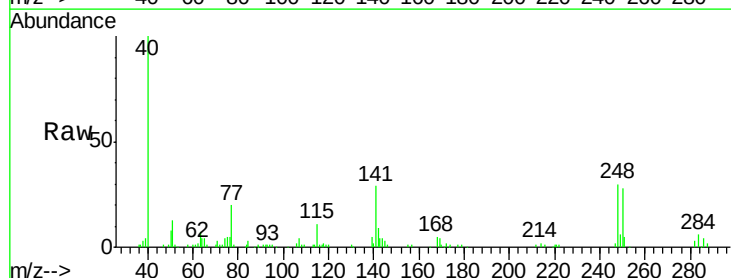
Manual Integrations  
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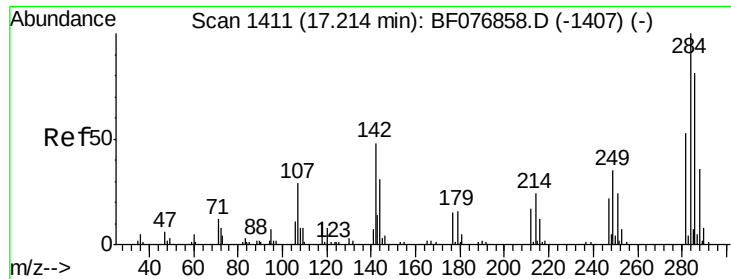
apatel  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 32.36 ng  
 RT: 16.93 min Scan# 1404  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 31219 |       |       |
| 250     | 94.6  | 77.1  | 115.7 |       |
| 141     | 98.7  | 88.2  | 132.4 |       |





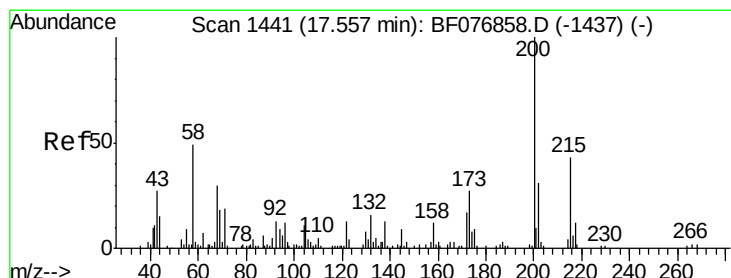
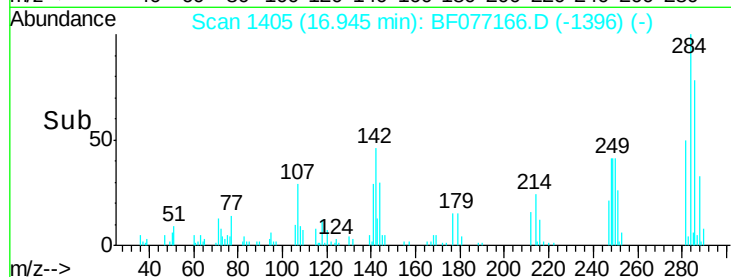
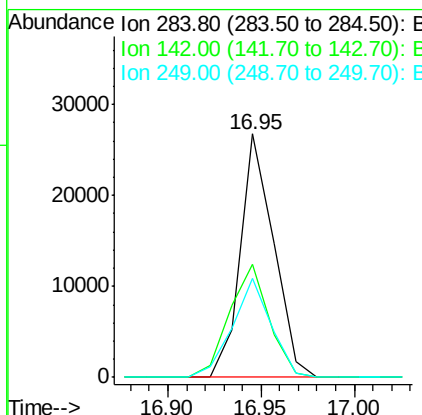
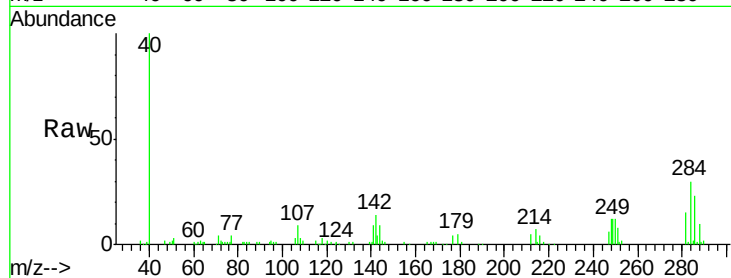
#67  
Hexachlorobenzene  
Concen: 32.65 ng  
RT: 16.95 min Scan# 1405  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 33195 |       |       |
| 142     | 46.2  | 38.2  | 57.4  |       |
| 249     | 40.6  | 28.2  | 42.2  |       |

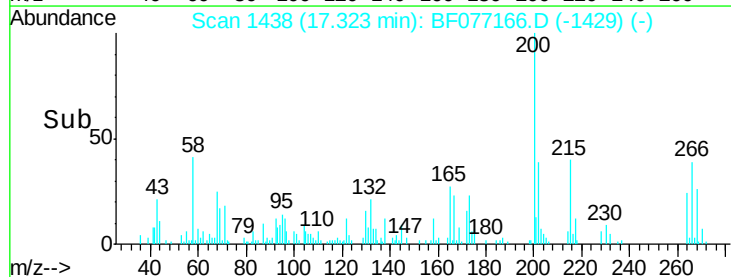
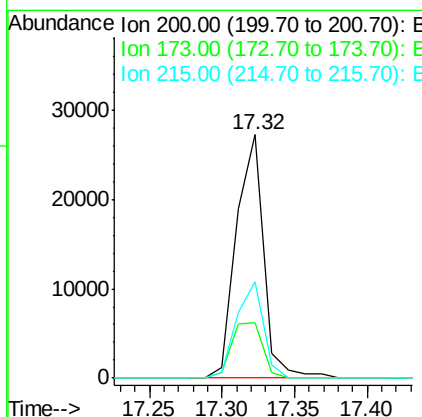
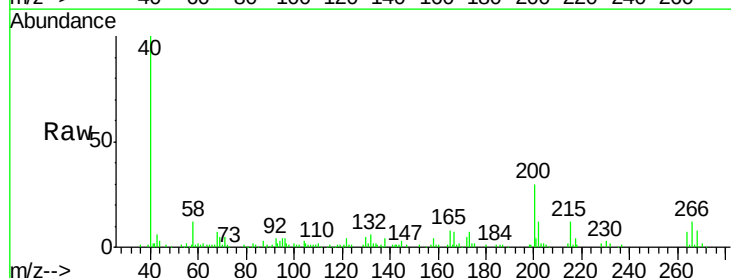
Manual Integrations  
APPROVED

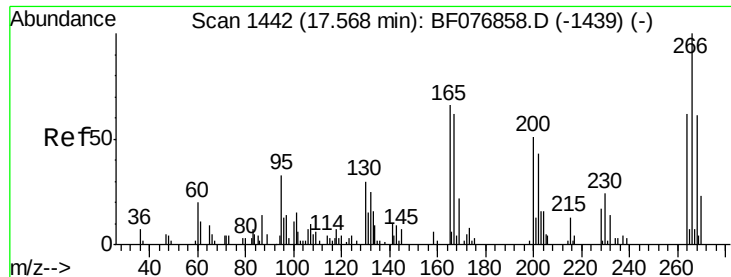
apatel  
2/4/2015 1:54:33 PM



#68  
Atrazine  
Concen: 34.69 ng  
RT: 17.32 min Scan# 1438  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 35745 |       |       |
| 173     | 23.0  | 6.6   | 46.6  |       |
| 215     | 39.5  | 22.9  | 62.9  |       |





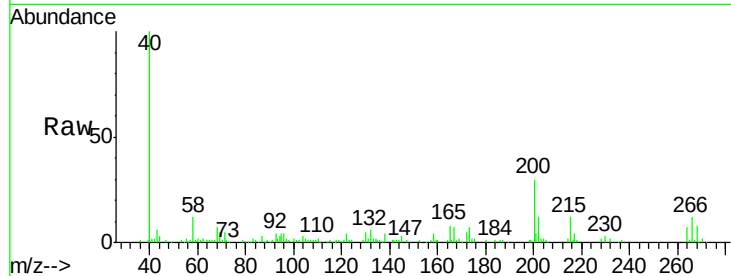
#69  
 Pentachlorophenol  
 Concen: 40.80 ng  
 RT: 17.32 min Scan# 1438  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

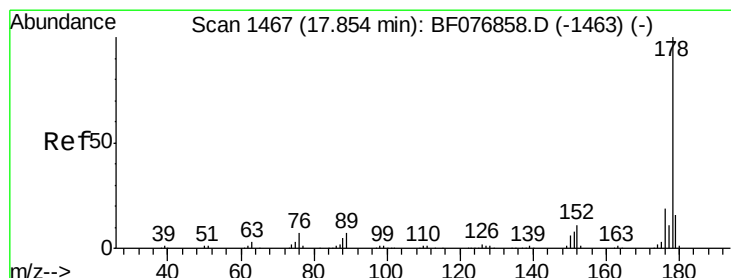
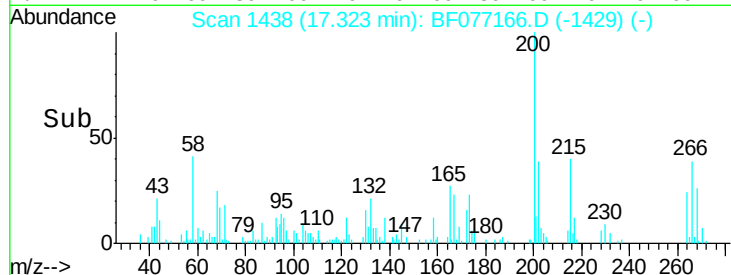
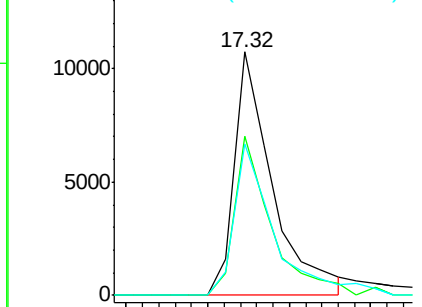
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 17298 |       |       |
| 268     | 65.4  | 48.6  | 72.8  |       |
| 264     | 62.1  | 49.5  | 74.3  |       |

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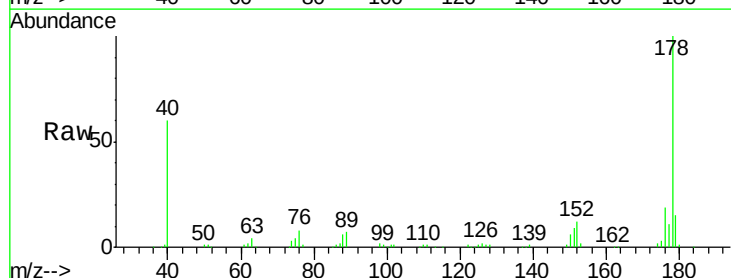


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

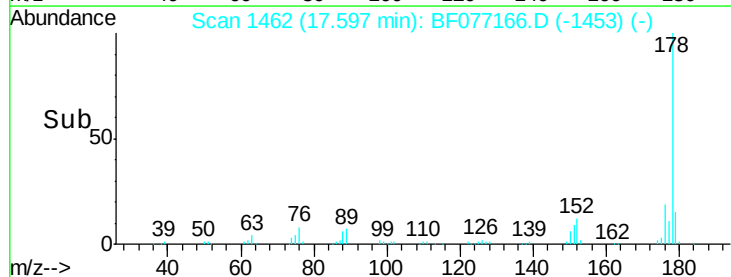
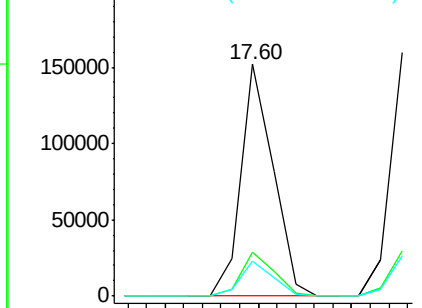


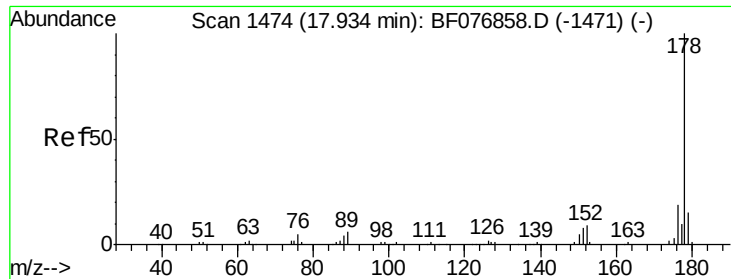
#70  
 Phenanthrene  
 Concen: 30.80 ng  
 RT: 17.60 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 182902 |       |       |
| 176     | 19.0  | 15.1   | 22.7  |       |
| 179     | 15.3  | 12.7   | 19.1  |       |



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





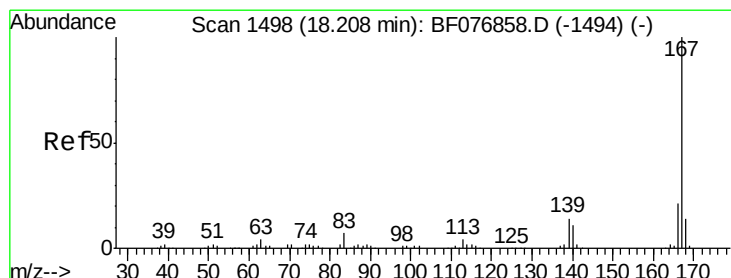
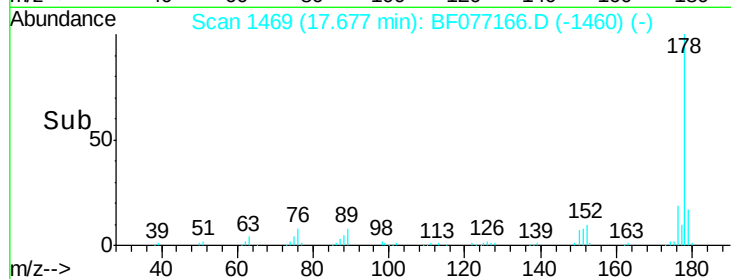
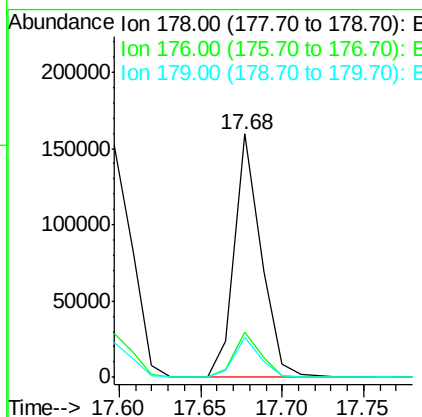
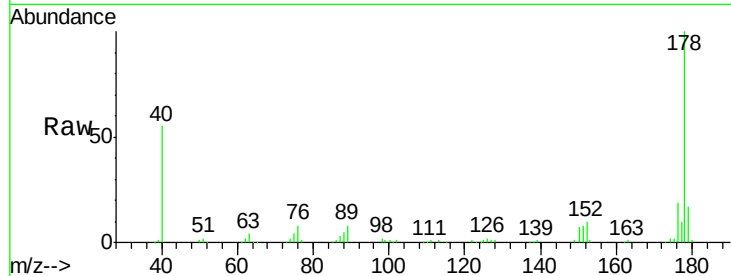
#71  
 Anthracene  
 Concen: 30.99 ng  
 RT: 17.68 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 179437 |       |       |
| 176     | 18.5  | 15.4   | 23.0  |       |
| 179     | 16.7  | 11.9   | 17.9  |       |

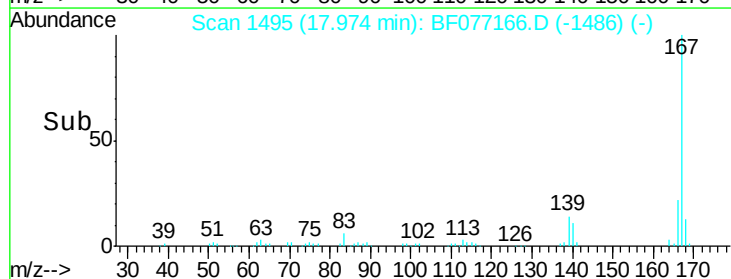
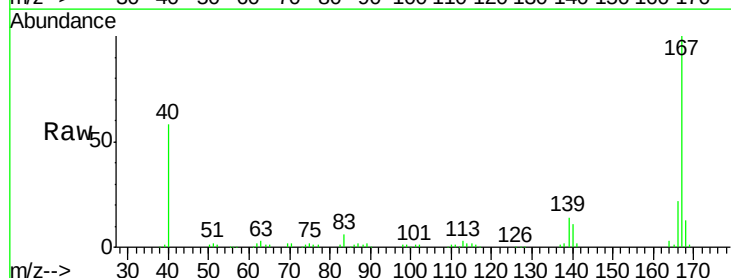
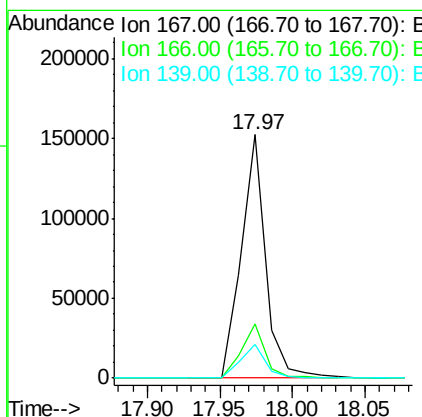
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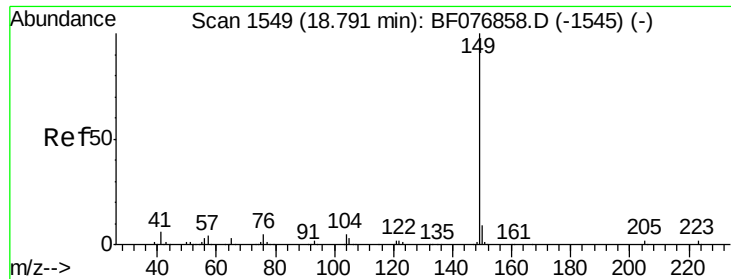


#72  
 Carbazole  
 Concen: 31.59 ng  
 RT: 17.97 min Scan# 1495  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 177459 |       |       |
| 166     | 22.3  | 17.0   | 25.6  |       |
| 139     | 13.8  | 11.3   | 16.9  |       |







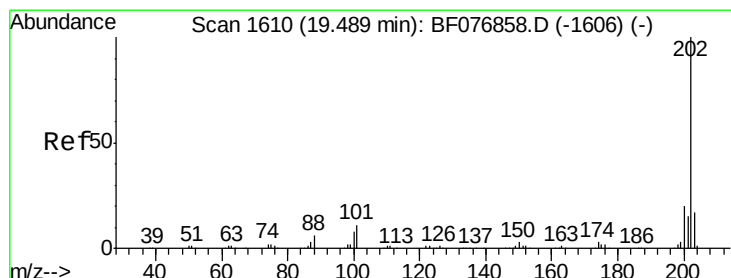
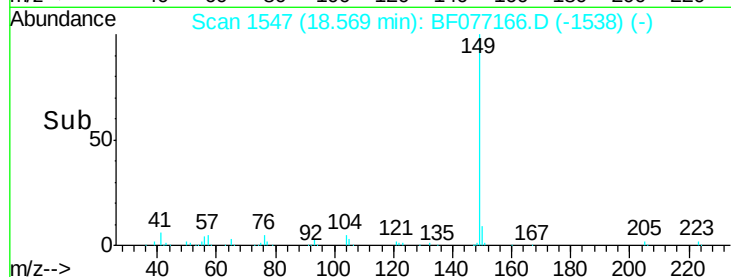
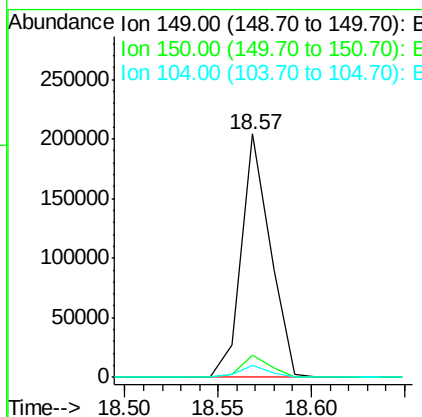
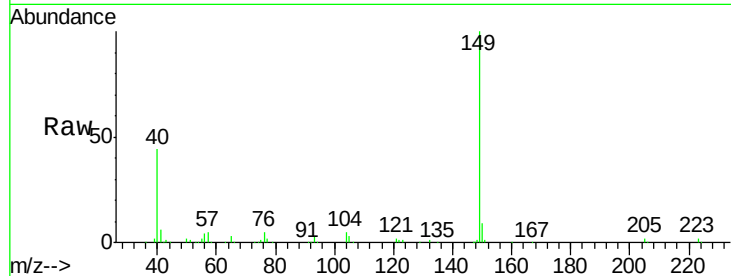
#73  
Di-n-butylphthalate  
Concen: 34.19 ng  
RT: 18.57 min Scan# 1547  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 222255 |       |       |
| 150     | 8.9   | 6.9    | 10.3  |       |
| 104     | 4.9   | 3.7    | 5.5   |       |

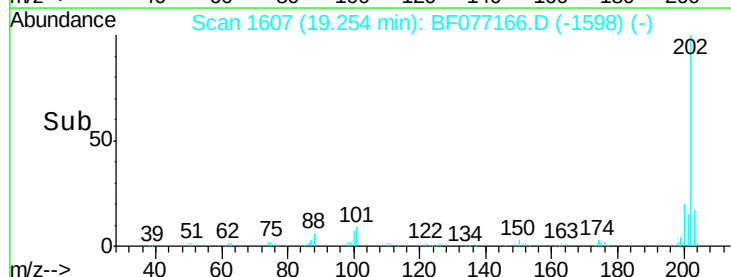
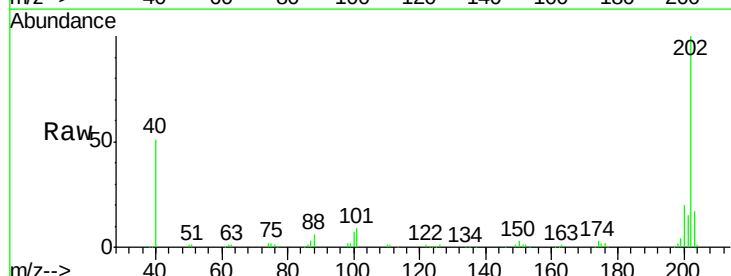
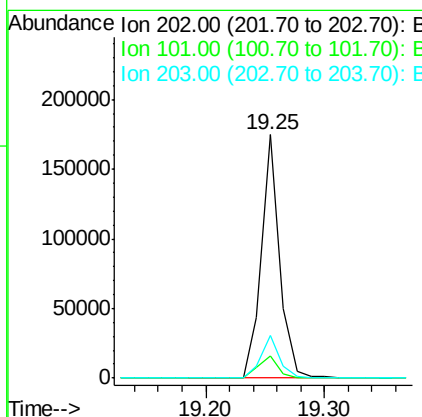
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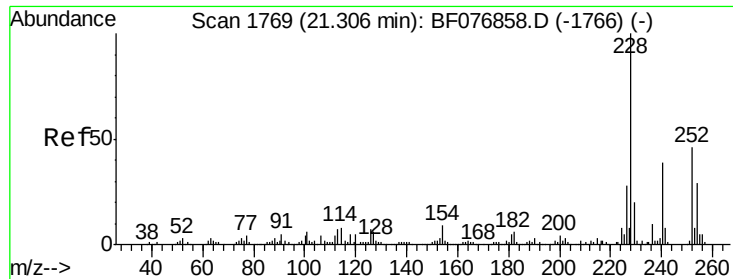
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#74  
Fluoranthene  
Concen: 31.09 ng  
RT: 19.25 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 189215 |       |       |
| 101     | 9.2   | 0.0    | 30.7  |       |
| 203     | 17.3  | 0.0    | 36.9  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.07 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF077166.D

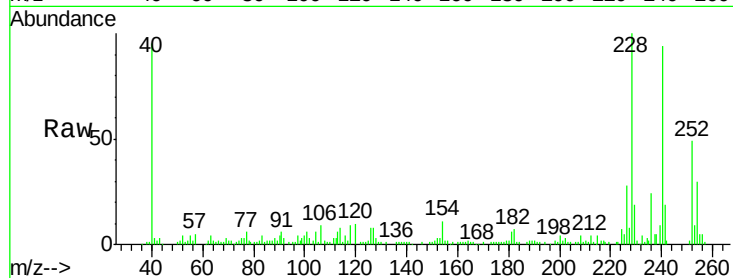
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

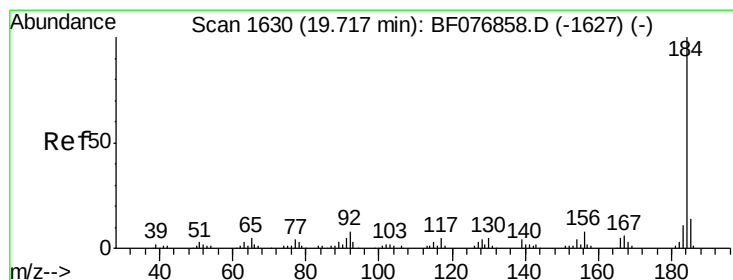
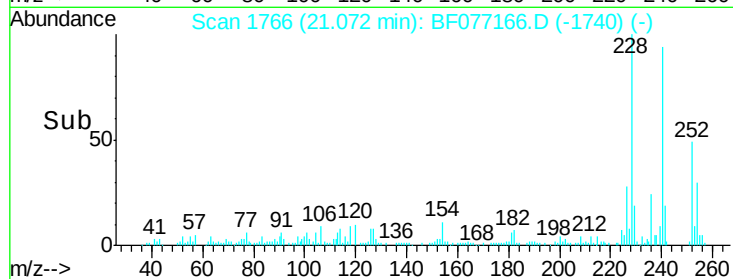
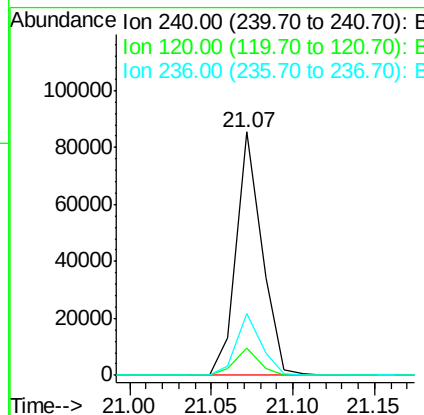
FK-BPM-02-F5-F6-F7-F8MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 92819 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 11.0  | 10.4  | 15.6  |
| 236       | 25.6  | 20.2  | 30.2  |

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#76

Benzidine

Concen: 40.20 ng

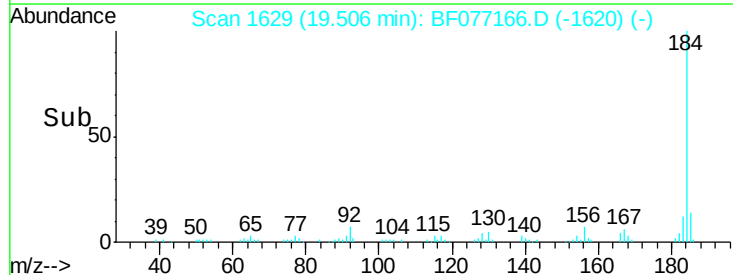
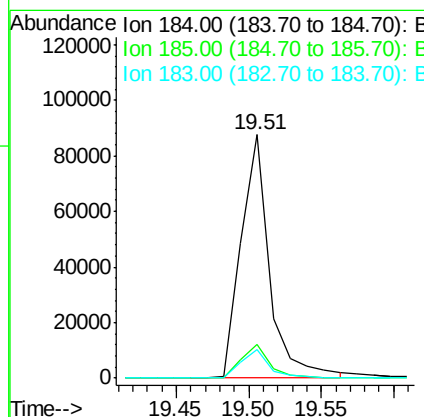
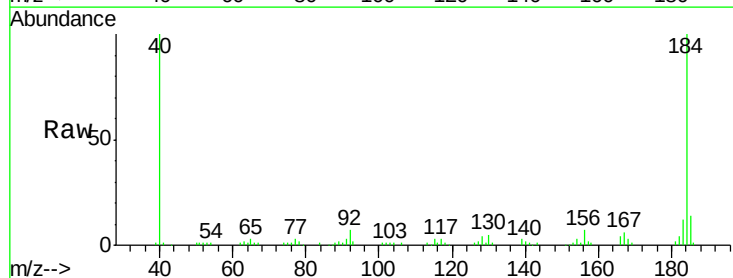
RT: 19.51 min Scan# 1629

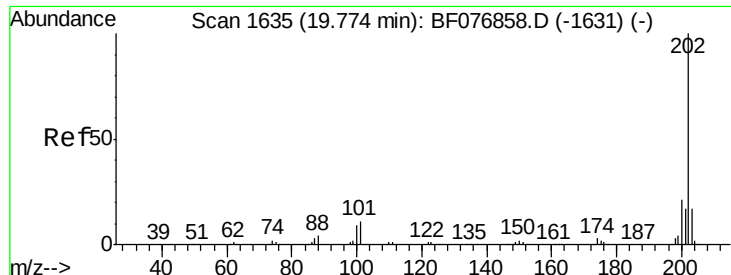
Delta R.T. 0.00 min

Lab File: BF077166.D

Acq: 3 Feb 2015 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 119390 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 11.4  | 17.2   |
| 183       | 11.7  | 9.0   | 13.6   |





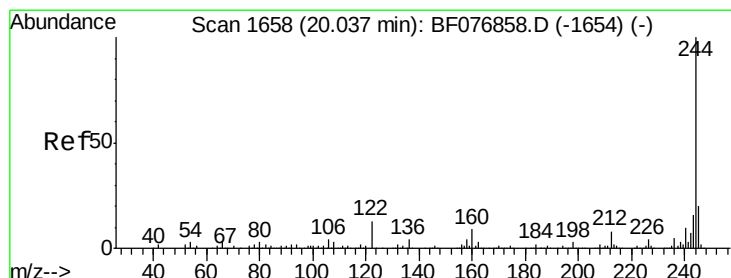
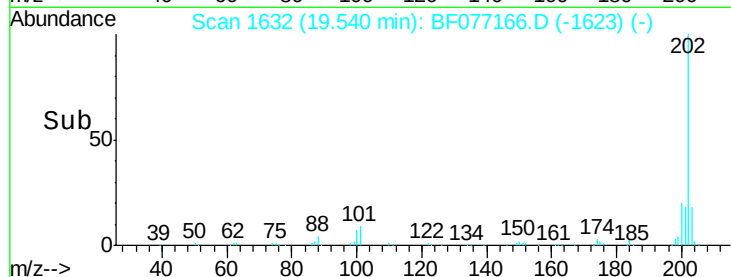
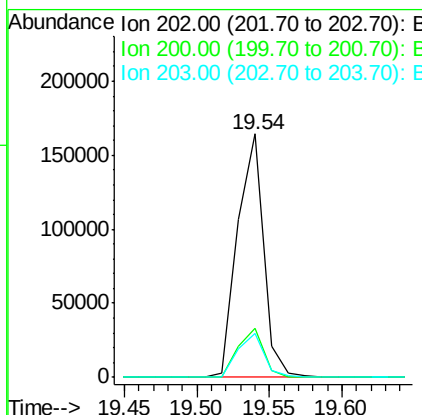
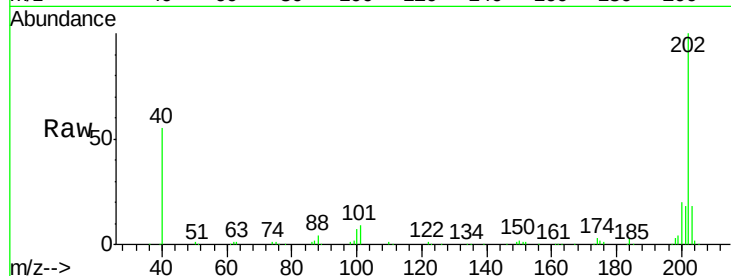
#77  
 Pyrene  
 Concen: 32.08 ng  
 RT: 19.54 min Scan# 1632  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 204084 |       |       |
| 200     | 20.3  | 16.7   | 25.1  |       |
| 203     | 17.9  | 14.0   | 21.0  |       |

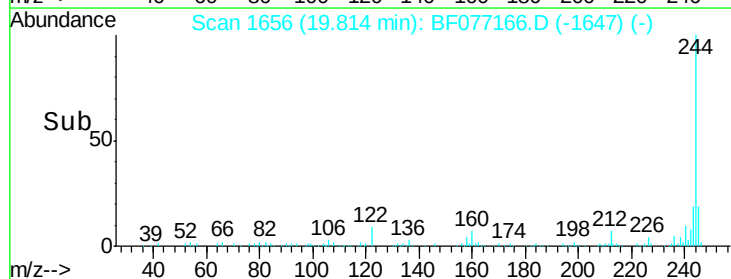
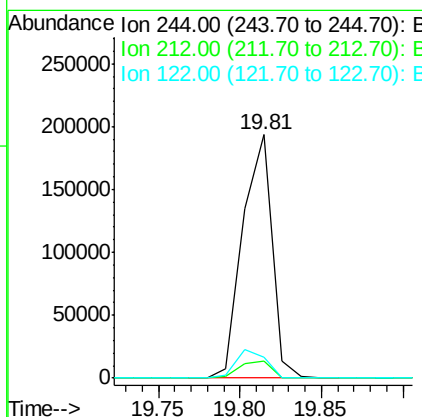
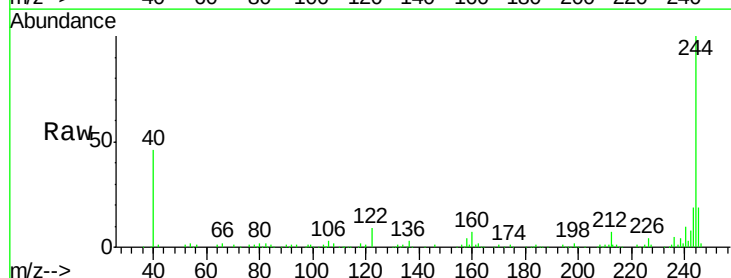
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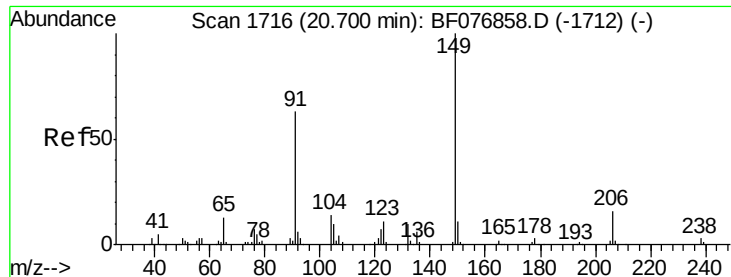
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#78  
 Terphenyl-d14  
 Concen: 59.65 ng  
 RT: 19.81 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 240512 |       |       |
| 212     | 7.2   | 6.3    | 9.5   |       |
| 122     | 8.6   | 10.1   | 15.1  |       |





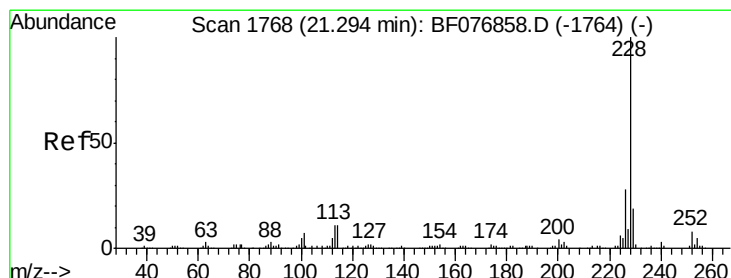
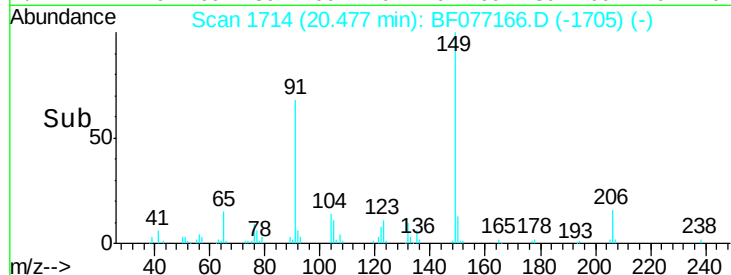
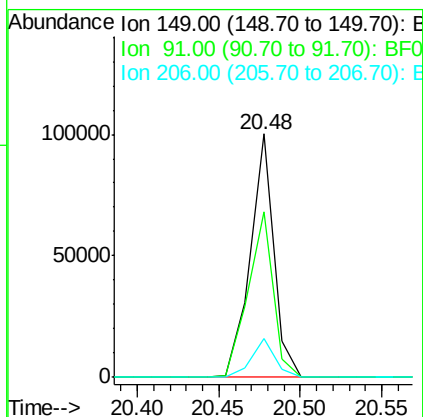
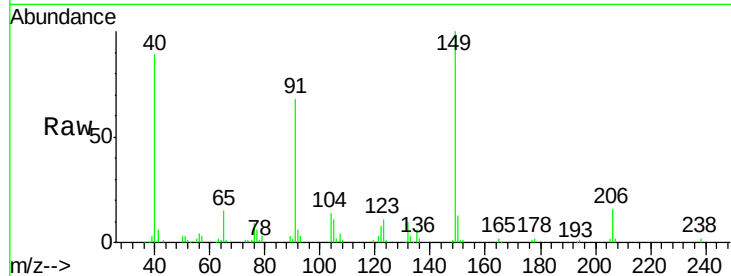
#79  
Butylbenzylphthalate  
Concen: 35.00 ng  
RT: 20.48 min Scan# 1714  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 67.8  | 50.6       | 76.0       |
| 206     | 15.9  | 12.8       | 19.2       |

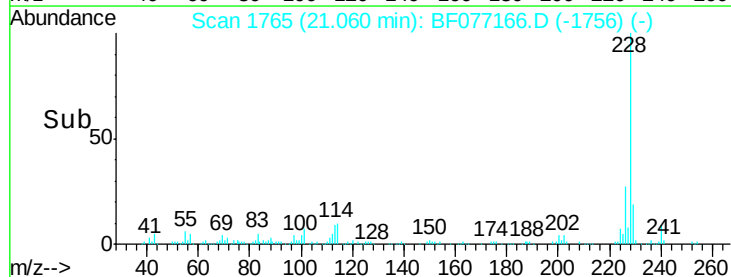
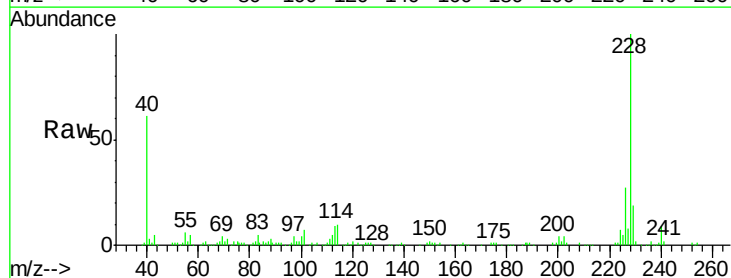
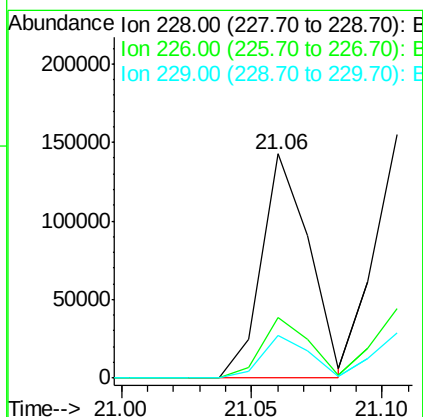
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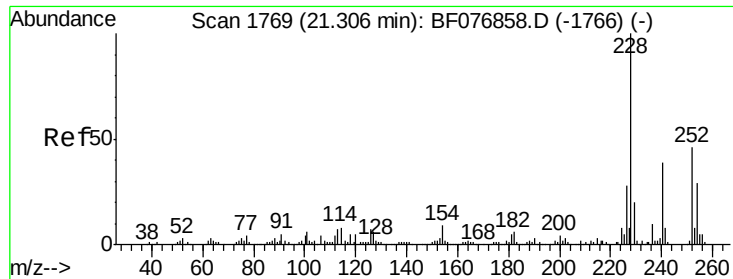
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#80  
Benzo(a)anthracene  
Concen: 31.09 ng  
RT: 21.06 min Scan# 1765  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

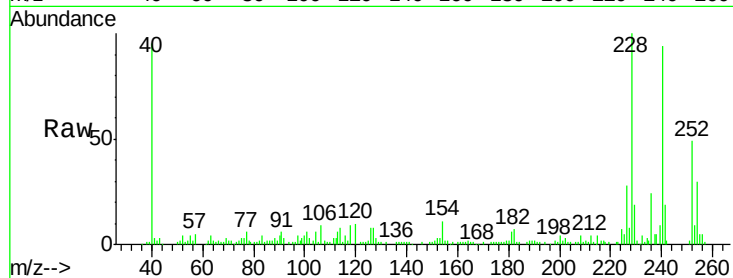
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.0  | 22.1       | 33.1       |
| 229     | 18.7  | 15.5       | 23.3       |





#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.65 ng  
 RT: 21.07 min Scan# 1766  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

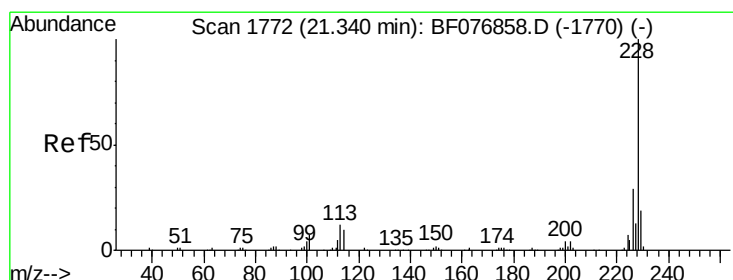
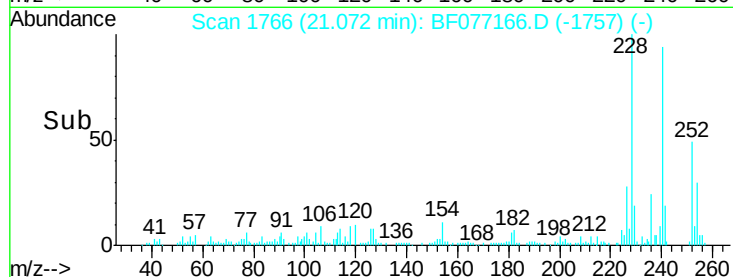
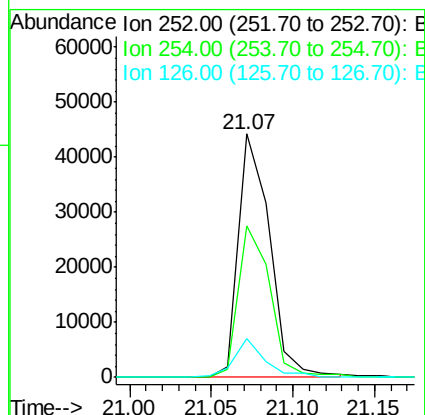
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 62.1  | 50.2       | 75.4       |
| 126     | 15.8  | 11.5       | 17.3       |

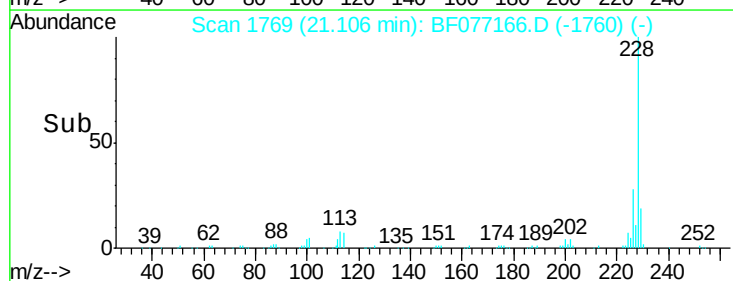
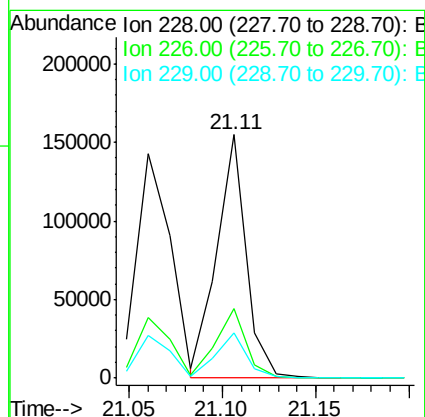
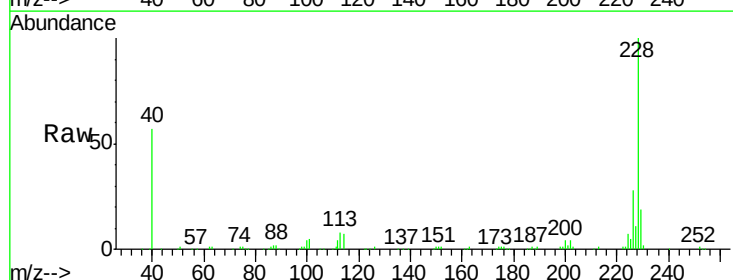
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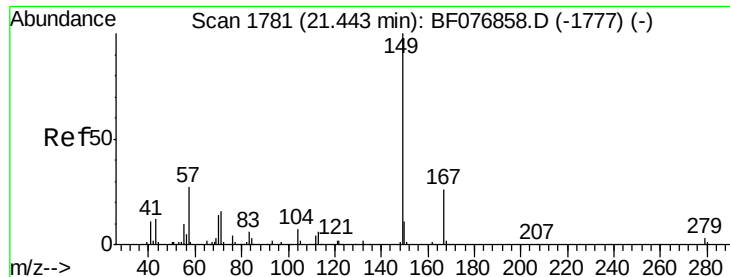
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#82  
 Chrysene  
 Concen: 32.04 ng  
 RT: 21.11 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 28.4  | 23.4       | 35.0       |
| 229     | 18.7  | 15.4       | 23.0       |





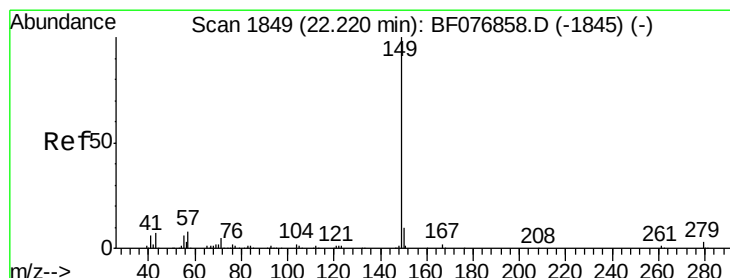
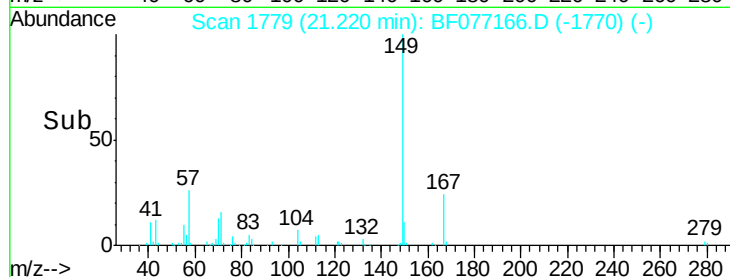
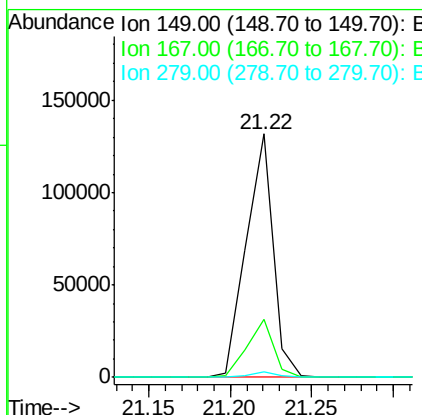
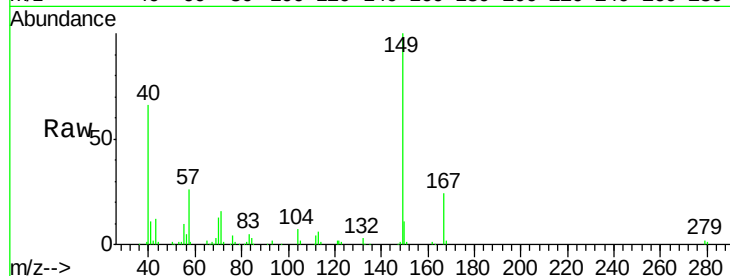
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.77 ng  
 RT: 21.22 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 23.8  | 20.6       | 30.8       |
| 279     | 2.2   | 2.2        | 3.2        |

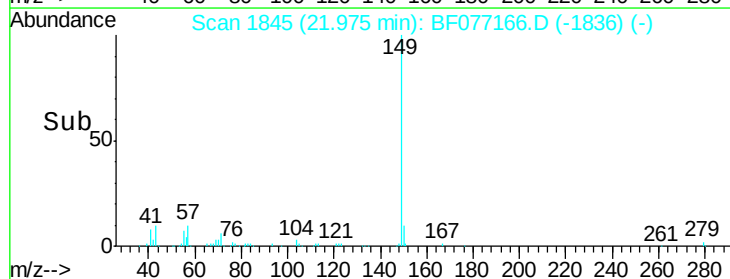
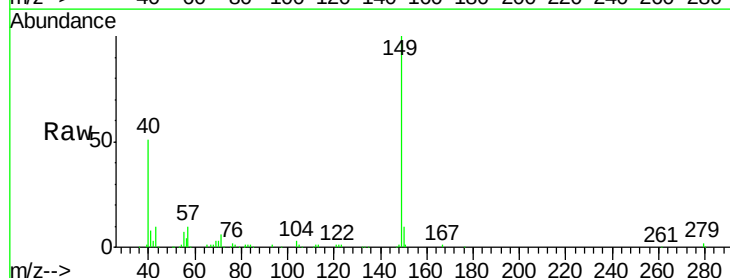
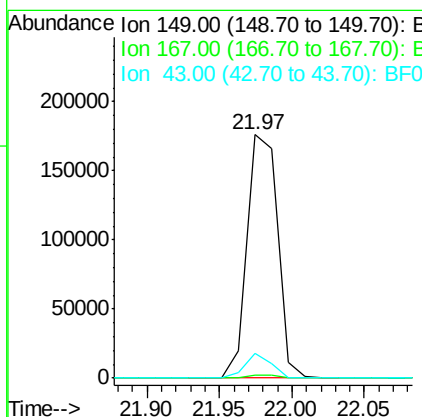
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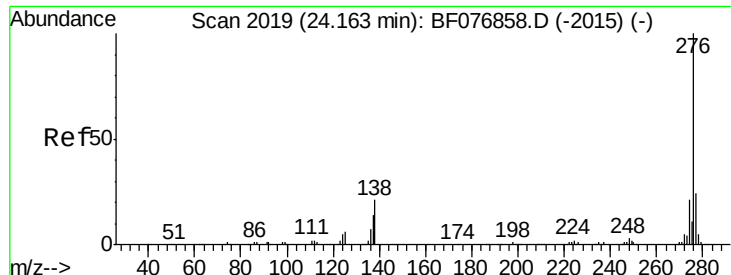
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#84  
 Di-n-octyl phthalate  
 Concen: 37.21 ng  
 RT: 21.97 min Scan# 1845  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.3   | 1.1        | 1.7        |
| 43      | 8.7   | 6.6        | 10.0       |





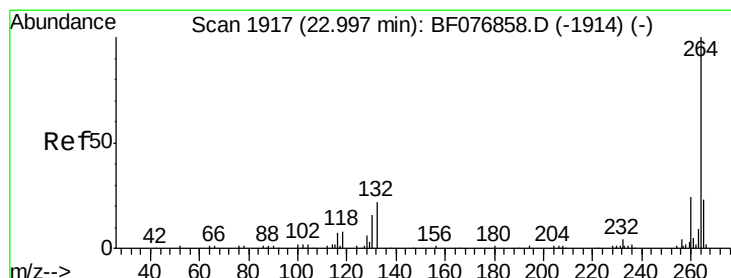
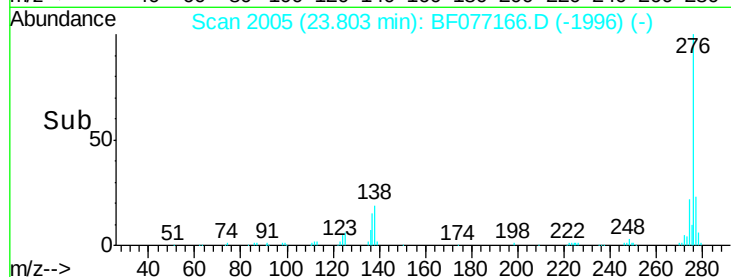
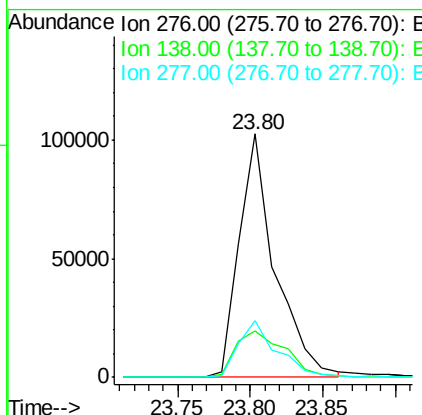
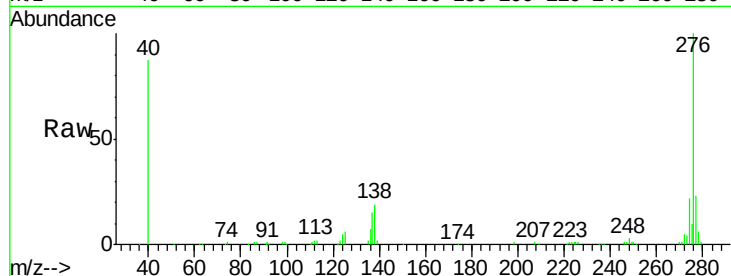
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.26 ng  
RT: 23.80 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 175951 |       |       |
| 138     | 26.7  | 14.6   | 22.0# |       |
| 277     | 25.2  | 14.8   | 22.2# |       |

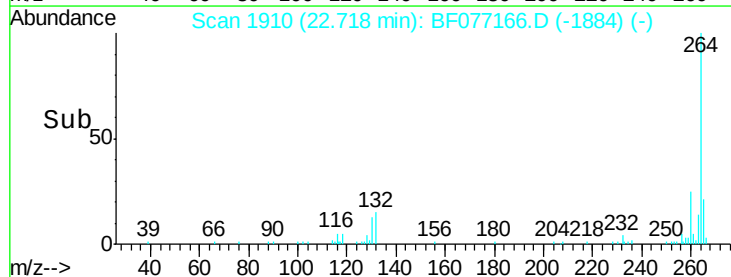
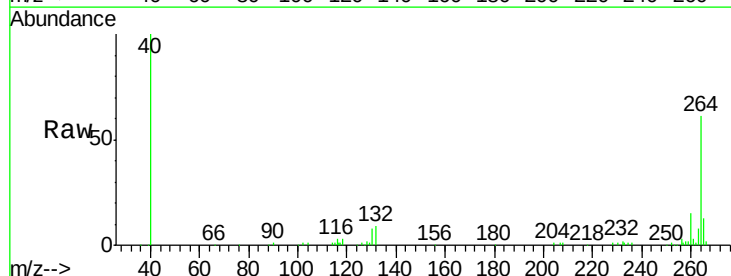
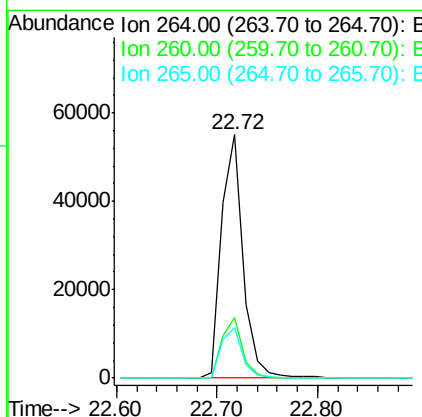
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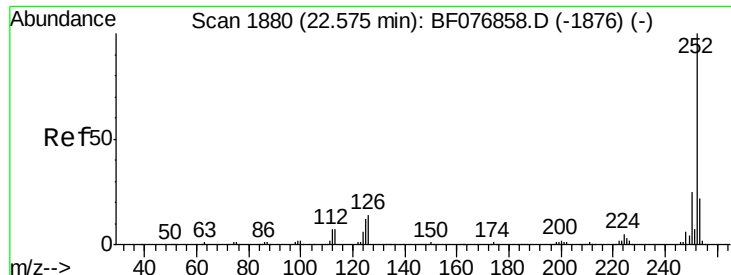
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 22.72 min Scan# 1910  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 264     | 100   | 82140 |       |       |
| 260     | 25.0  | 19.0  | 28.4  |       |
| 265     | 20.6  | 18.1  | 27.1  |       |





#87

Benzo(b)fluoranthene

Concen: 29.93 ng m

RT: 22.31 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BF077166.D

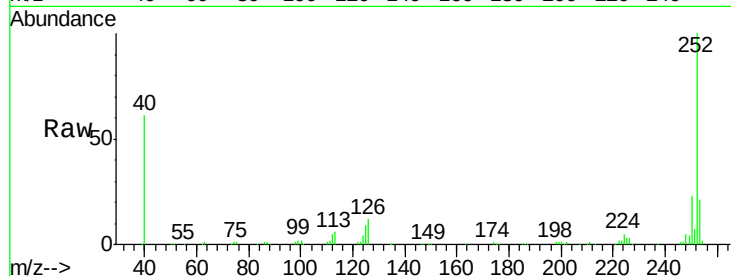
Acq: 3 Feb 2015 17:43

Instrument :

BNA\_F

ClientSampleId :

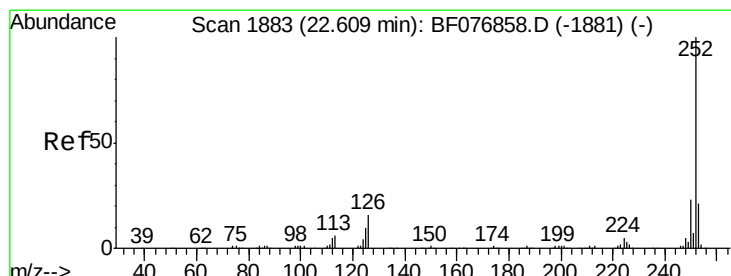
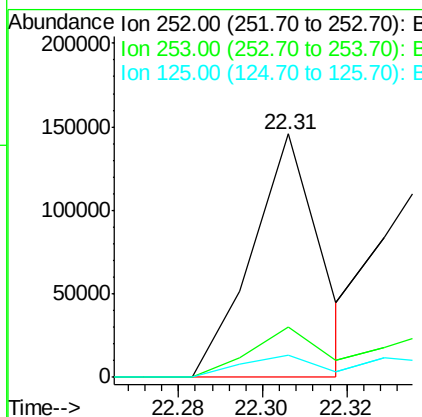
FK-BPM-02-F5-F6-F7-F8MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.8  | 17.5  | 26.3  |
| 125     | 8.9   | 9.4   | 14.0  |

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#88

Benzo(k)fluoranthene

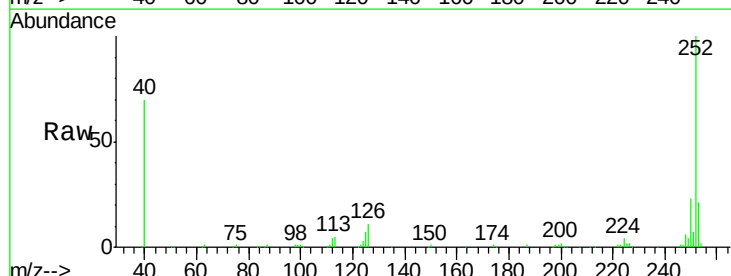
Concen: 34.64 ng m

RT: 22.34 min Scan# 1877

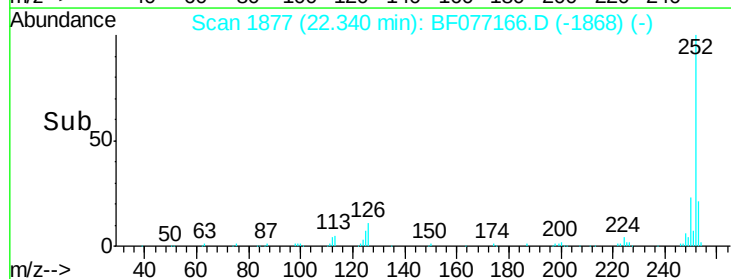
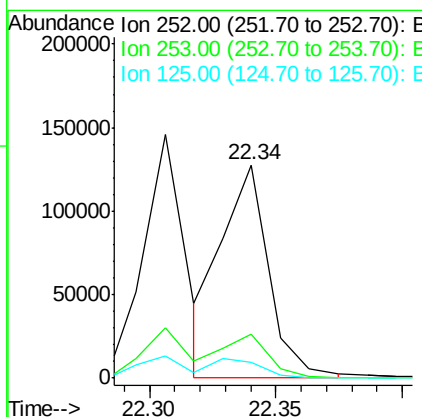
Delta R.T. 0.00 min

Lab File: BF077166.D

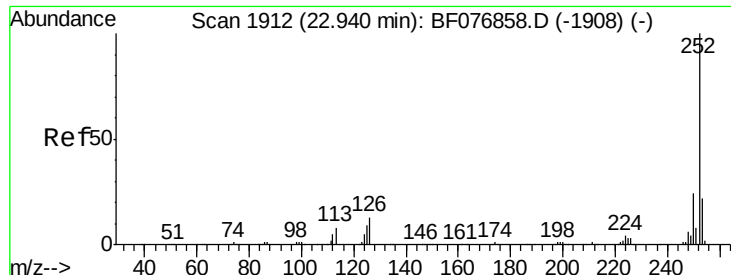
Acq: 3 Feb 2015 17:43



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.8  | 17.2  | 25.8  |
| 125     | 7.2   | 7.1   | 10.7  |







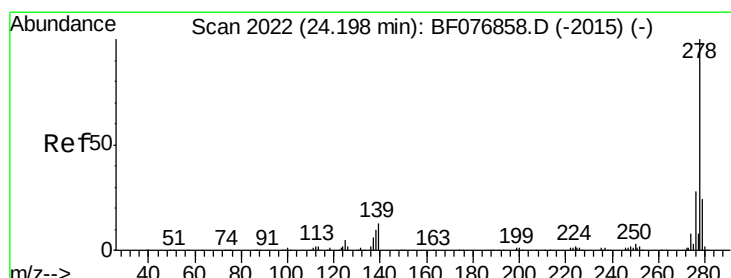
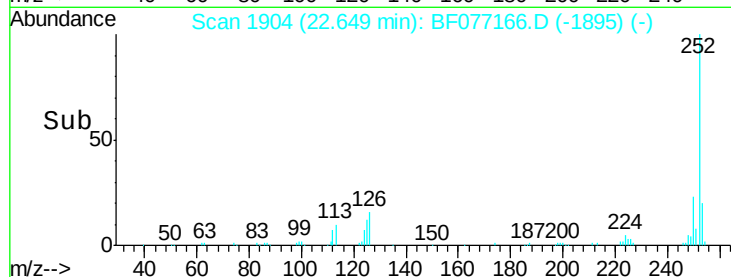
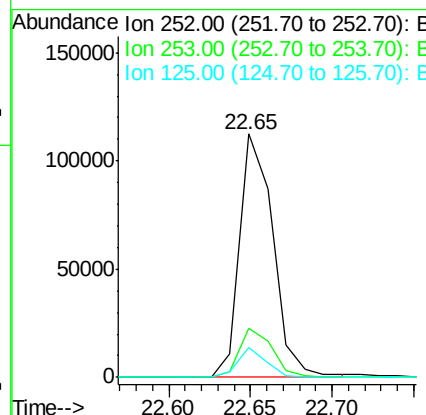
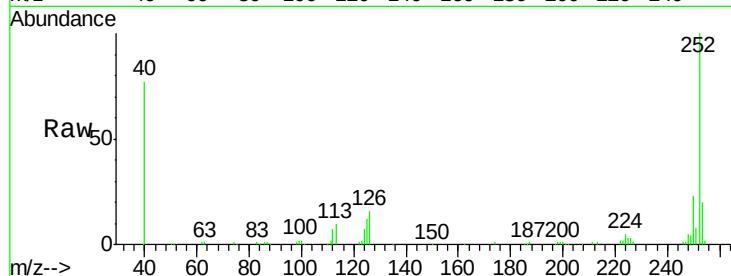
#89  
Benzo(a)pyrene  
Concen: 32.56 ng  
RT: 22.65 min Scan# 1904  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 158874 |       |       |
| 253     | 20.0  | 17.9   | 26.9  |       |
| 125     | 12.3  | 7.2    | 10.8  |       |

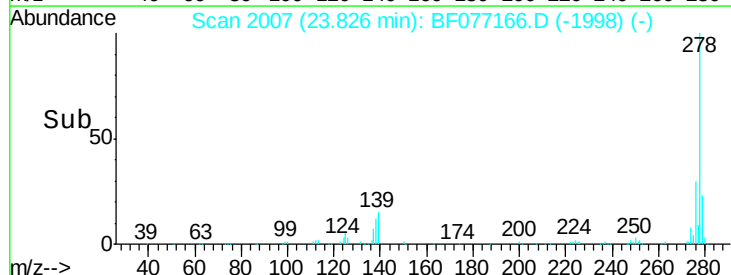
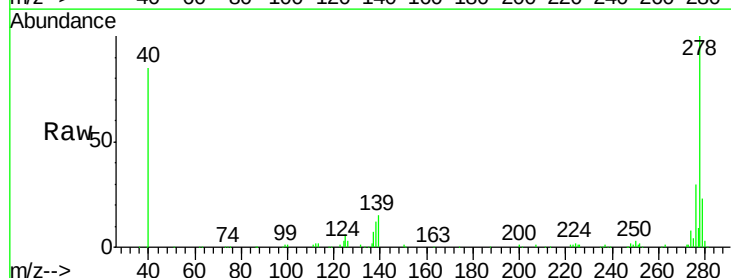
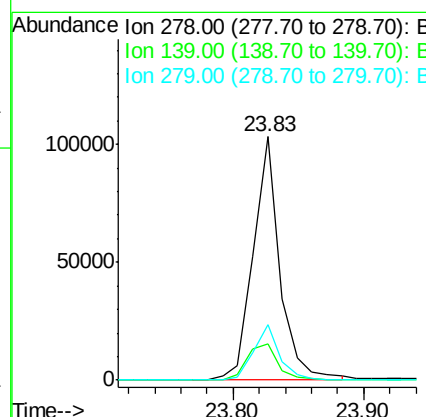
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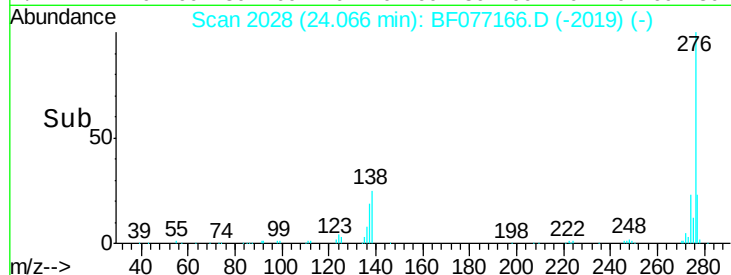
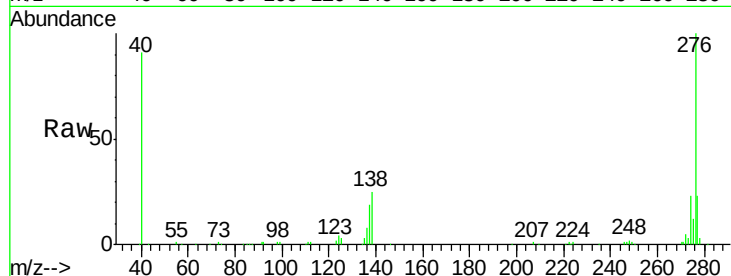
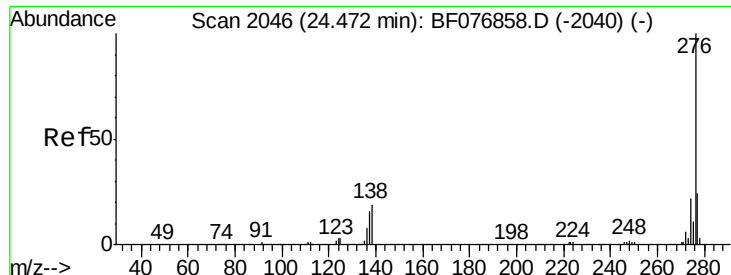
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#90  
Dibenzo(a,h)anthracene  
Concen: 32.91 ng  
RT: 23.83 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BF077166.D  
Acq: 3 Feb 2015 17:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 147344 |       |       |
| 139     | 14.9  | 10.5   | 15.7  |       |
| 279     | 23.0  | 19.3   | 28.9  |       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 32.64 ng  
 RT: 24.07 min Scan# 2028  
 Delta R.T. 0.00 min  
 Lab File: BF077166.D  
 Acq: 3 Feb 2015 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-F5-F6-F7-F8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 19.5  | 29.3  |
| 138     | 25.3  | 15.0  | 22.6  |

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