

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031416\  
 Data File : BF085429.D  
 Acq On : 14 Mar 2016 15:22  
 Operator : UM/SJ  
 Sample : PB88829BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

Manual Integrations  
 APPROVED

Sohil  
 3/15/2016 2:09:08 PM

Quant Time: Mar 15 02:11:06 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:54:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 158574   | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 8.21  | 136  | 629180   | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.97  | 164  | 298949   | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10      | 11.45 | 188  | 557362   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 14.09 | 240  | 306158   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.55 | 264  | 259617   | 20.00 | ng    | -0.07    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.53  | 112 | 615522  | 65.11 | ng | -0.05 |
| 7) Phenol-d6                | 6.55  | 99  | 759168  | 61.29 | ng | -0.06 |
| 23) Nitrobenzene-d5         | 7.49  | 82  | 698591  | 59.42 | ng | -0.06 |
| 41) 2,4,6-Tribromophenol    | 10.76 | 330 | 168470  | 65.86 | ng | -0.06 |
| 44) 2-Fluorobiphenyl        | 9.29  | 172 | 1191407 | 60.61 | ng | -0.06 |
| 78) Terphenyl-d14           | 13.03 | 244 | 934929  | 70.89 | ng | -0.06 |

|                                |      |     |         |       |         |
|--------------------------------|------|-----|---------|-------|---------|
| Target Compounds               |      |     |         |       | Qvalue  |
| 2) 1,4-Dioxane                 | 2.66 | 88  | 118687  | 24.55 | ng 98   |
| 3) Pyridine                    | 3.42 | 79  | 353309  | 29.20 | ng 98   |
| 4) n-Nitrosodimethylamine      | 3.36 | 42  | 151969  | 29.35 | ng 98   |
| 6) Aniline                     | 6.58 | 93  | 160479  | 9.24  | ng 95   |
| 8) 2-Chlorophenol              | 6.71 | 128 | 357639  | 31.42 | ng 89   |
| 9) Benzaldehyde                | 6.47 | 77  | 86917   | 11.51 | ng 87   |
| 10) Phenol                     | 6.56 | 94  | 393908m | 29.69 | ng      |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93  | 308434  | 27.99 | ng 94   |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146 | 345701m | 28.29 | ng      |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 357053  | 29.16 | ng 98   |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 339724  | 30.57 | ng 93   |
| 15) Benzyl Alcohol             | 7.06 | 79  | 314293  | 34.57 | ng 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.20 | 45  | 407815  | 25.68 | ng 99   |
| 17) 2-Methylphenol             | 7.18 | 107 | 304373  | 32.77 | ng 98   |
| 18) Hexachloroethane           | 7.44 | 117 | 133591  | 29.57 | ng # 90 |
| 19) n-Nitroso-di-n-propylamine | 7.34 | 70  | 253325  | 31.38 | ng 96   |
| 20) 3+4-Methylphenols          | 7.33 | 107 | 344425  | 31.31 | ng # 82 |
| 22) Acetophenone               | 7.33 | 105 | 457327  | 29.78 | ng # 90 |
| 24) Nitrobenzene               | 7.51 | 77  | 377452  | 31.60 | ng # 87 |
| 25) Isophorone                 | 7.75 | 82  | 674872  | 30.97 | ng # 94 |
| 26) 2-Nitrophenol              | 7.83 | 139 | 172140  | 29.62 | ng 99   |
| 27) 2,4-Dimethylphenol         | 7.86 | 122 | 359154  | 33.81 | ng 98   |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 401933  | 33.12 | ng 100  |
| 29) 2,4-Dichlorophenol         | 8.07 | 162 | 288036  | 33.62 | ng 98   |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180 | 288751  | 31.18 | ng 99   |
| 31) Naphthalene                | 8.23 | 128 | 951420  | 30.75 | ng 99   |
| 32) Benzoic acid               | 7.97 | 122 | 184346  | 26.13 | ng 99   |
| 33) 4-Chloroaniline            | 8.28 | 127 | 62558   | 5.00  | ng 95   |
| 34) Hexachlorobutadiene        | 8.36 | 225 | 150047  | 31.13 | ng 100  |
| 35) Caprolactam                | 8.64 | 113 | 88867   | 31.76 | ng 99   |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107 | 333288  | 34.29 | ng 91   |
| 37) 2-Methylnaphthalene        | 8.93 | 142 | 692808  | 34.90 | ng 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 244661  | 28.62 | ng 99   |
| 40) Hexachlorocyclopentadiene  | 9.08 | 237 | 202822  | 43.98 | ng 100  |

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Quant Time: Mar 15 02:11:06 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:54:58 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.20  | 196  | 195465   | 30.71 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.25  | 196  | 200896   | 33.29 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 9.38  | 154  | 721058   | 28.23 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.42  | 162  | 579141   | 29.75 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.51  | 65   | 190206   | 31.53 | ng #  | 67       |
| 48) Acenaphthylene             | 9.83  | 152  | 988332   | 32.62 | ng    | 98       |
| 49) Dimethylphthalate          | 9.69  | 163  | 707806   | 30.85 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.75  | 165  | 157722   | 32.13 | ng    | 98       |
| 51) Acenaphthene               | 10.00 | 154  | 636113   | 34.58 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.91  | 138  | 74189    | 12.63 | ng #  | 75       |
| 53) 2,4-Dinitrophenol          | 10.02 | 184  | 114864   | 49.51 | ng #  | 51       |
| 54) Dibenzofuran               | 10.17 | 168  | 842391   | 34.95 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.08 | 139  | 288941   | 62.60 | ng    | 86       |
| 56) 2,4-Dinitrotoluene         | 10.15 | 165  | 184344   | 29.34 | ng #  | 83       |
| 57) Fluorene                   | 10.52 | 166  | 649752   | 34.32 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.29 | 232  | 143920   | 33.95 | ng    | 99       |
| 59) Diethylphthalate           | 10.39 | 149  | 725503   | 32.58 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.50 | 204  | 283160   | 30.74 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.53 | 138  | 136598   | 24.87 | ng    | 97       |
| 62) Azobenzene                 | 10.66 | 77   | 674908   | 30.77 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.56 | 198  | 85536    | 25.63 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 10.63 | 169  | 549013   | 31.67 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 173745   | 32.10 | ng    | 96       |
| 67) Hexachlorobenzene          | 11.06 | 284  | 179533   | 31.10 | ng #  | 91       |
| 68) Atrazine                   | 11.16 | 200  | 201477   | 41.79 | ng    | 93       |
| 69) Pentachlorophenol          | 11.26 | 266  | 203124   | 63.38 | ng    | 99       |
| 70) Phenanthrene               | 11.48 | 178  | 895825   | 30.67 | ng    | 99       |
| 71) Anthracene                 | 11.53 | 178  | 957245   | 30.87 | ng    | 99       |
| 72) Carbazole                  | 11.68 | 167  | 836715   | 30.77 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.01 | 149  | 1108159  | 32.24 | ng    | 98       |
| 74) Fluoranthene               | 12.67 | 202  | 854439   | 29.15 | ng    | 99       |
| 76) Benzidine                  | 12.78 | 184  | 234283   | 25.71 | ng    | 98       |
| 77) Pyrene                     | 12.89 | 202  | 840755   | 36.49 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.51 | 149  | 411693   | 39.37 | ng #  | 80       |
| 80) Benzo(a)anthracene         | 14.08 | 228  | 556437   | 30.36 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.04 | 252  | 103285   | 17.86 | ng    | 99       |
| 82) Chrysene                   | 14.12 | 228  | 530127   | 31.31 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 516655   | 37.55 | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 14.68 | 149  | 728239   | 34.75 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.00 | 276  | 545349   | 41.27 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.12 | 252  | 492574   | 28.47 | ng #  | 95       |
| 88) Benzo(k)fluoranthene       | 15.15 | 252  | 429865m  | 30.80 | ng    |          |
| 89) Benzo(a)pyrene             | 15.48 | 252  | 462150   | 32.23 | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 17.01 | 278  | 455156   | 37.18 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.43 | 276  | 453084   | 36.81 | ng    | 98       |

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

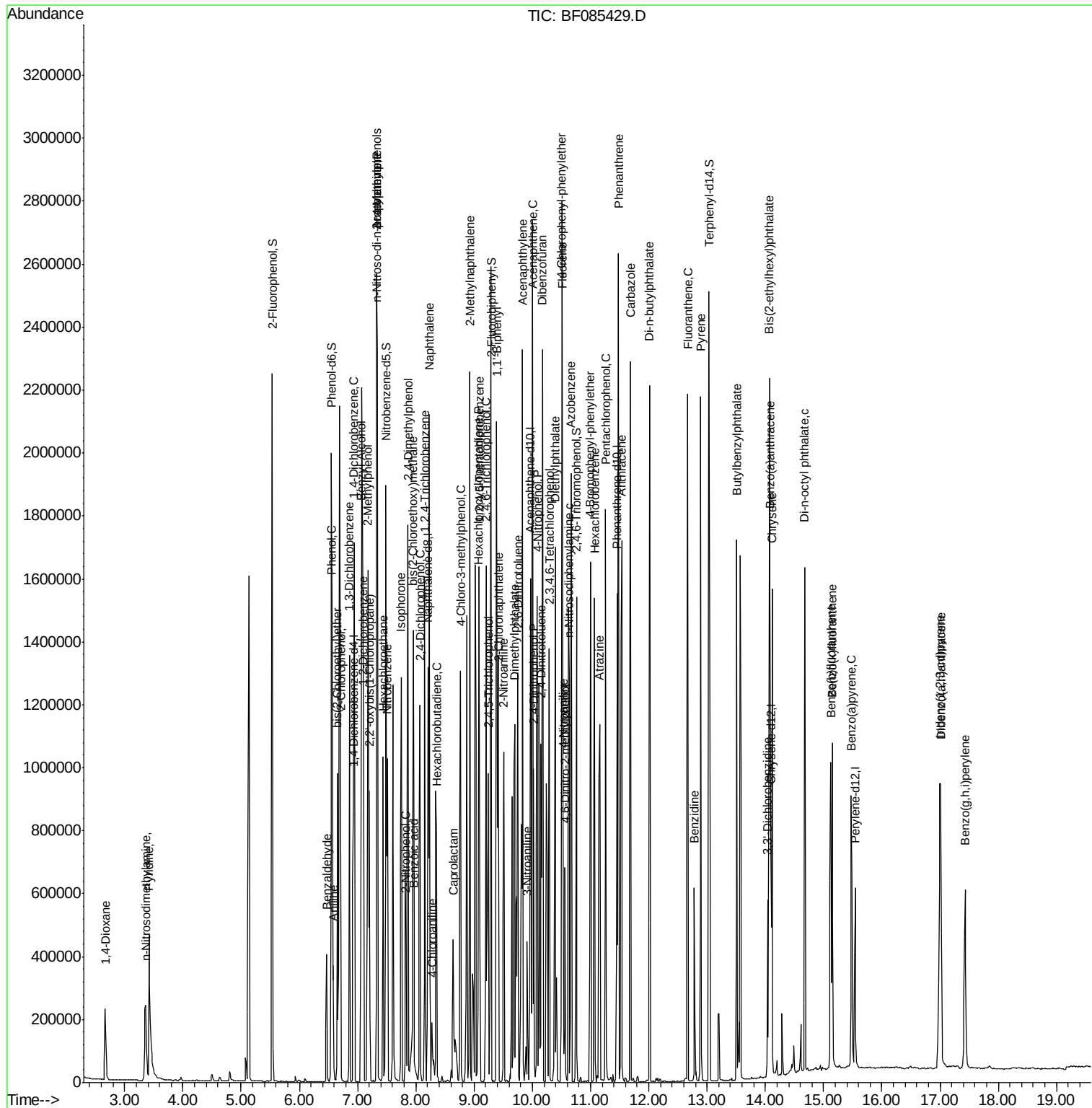
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031416\  
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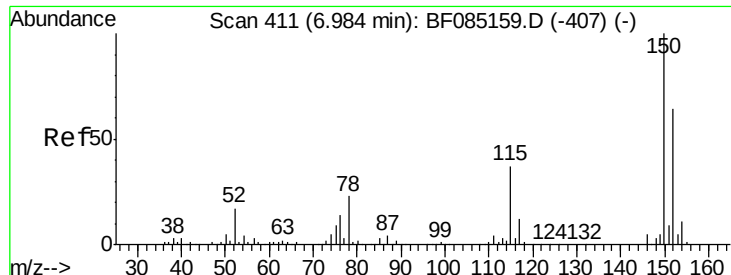
Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 04 00:54:58 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

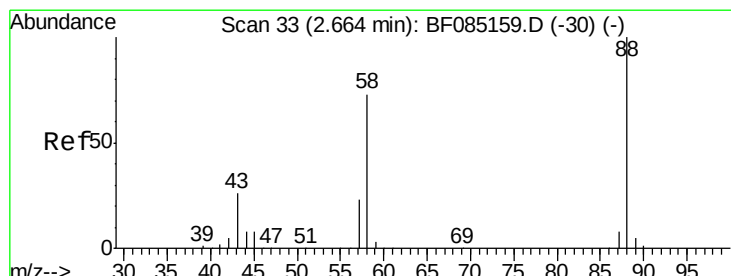
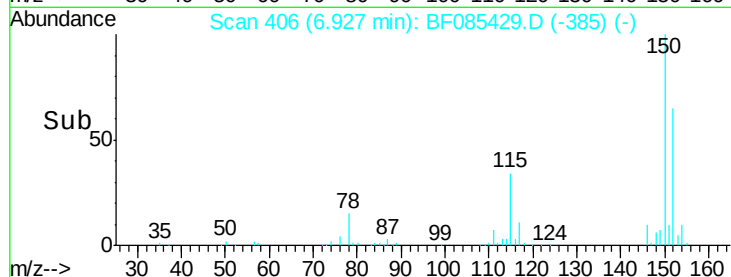
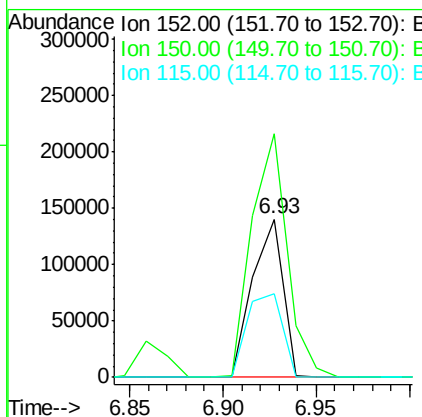
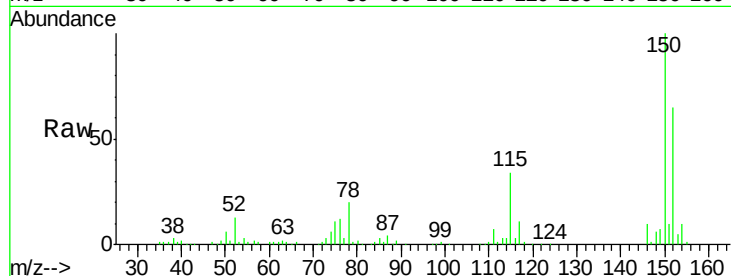
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 158574 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 154.1 | 124.6 | 186.8  |
| 115       | 53.1  | 46.6  | 70.0   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 24.55 ng

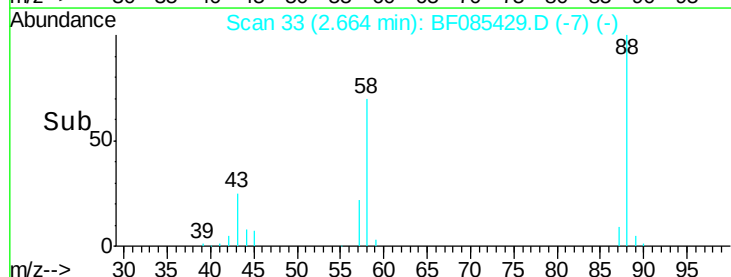
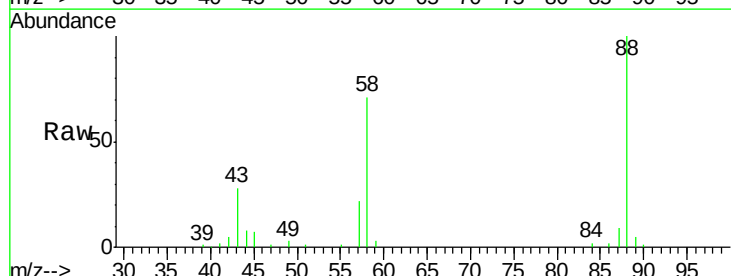
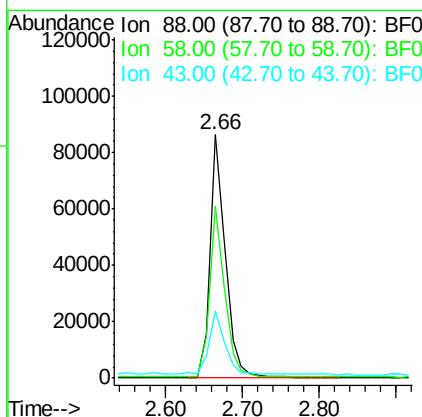
RT: 2.66 min Scan# 33

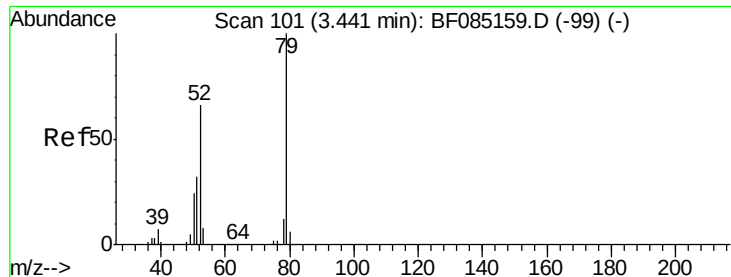
Delta R.T. 0.00 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 118687 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 69.5  | 57.0  | 85.6   |
| 43        | 25.7  | 20.5  | 30.7   |





#3

Pyridine

Concen: 29.20 ng

RT: 3.42 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

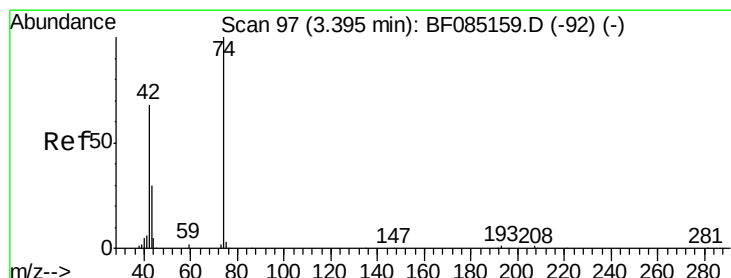
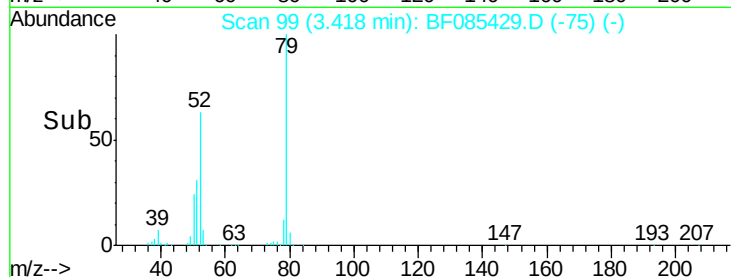
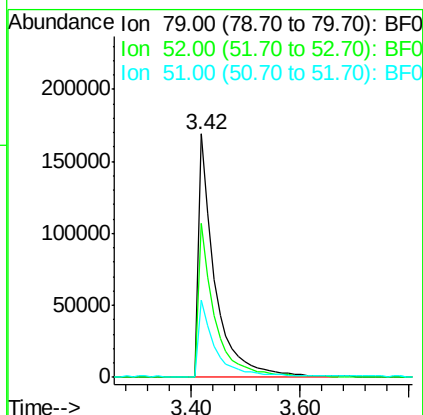
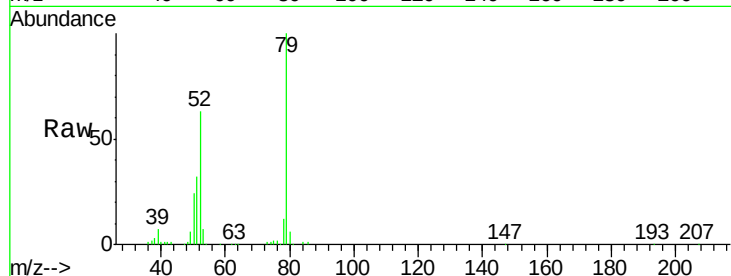
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 353309 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 63.5  | 52.6  | 79.0   |
| 51        | 31.6  | 25.8  | 38.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 29.35 ng

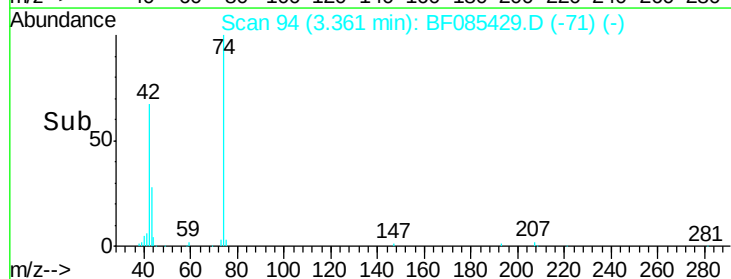
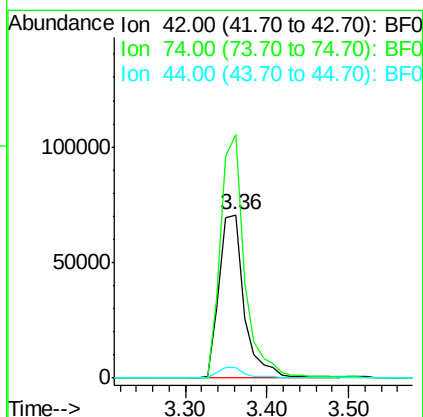
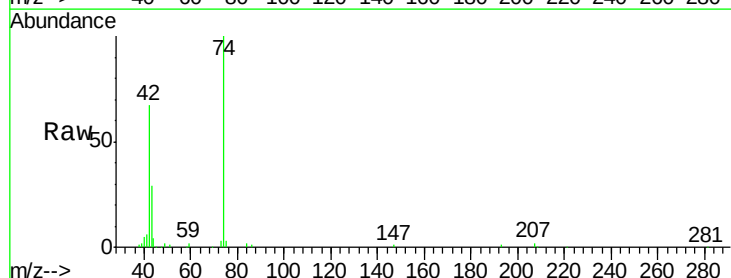
RT: 3.36 min Scan# 94

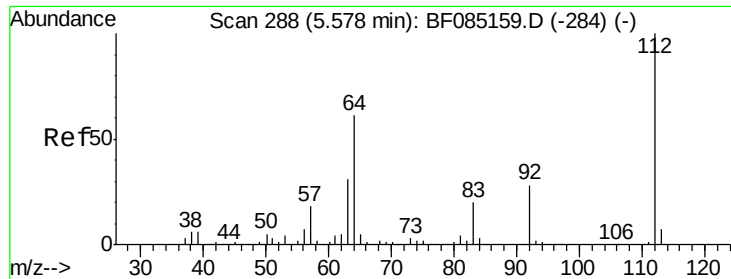
Delta R.T. -0.03 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 151969 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 148.8 | 116.8 | 175.2  |
| 44        | 6.6   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 65.11 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

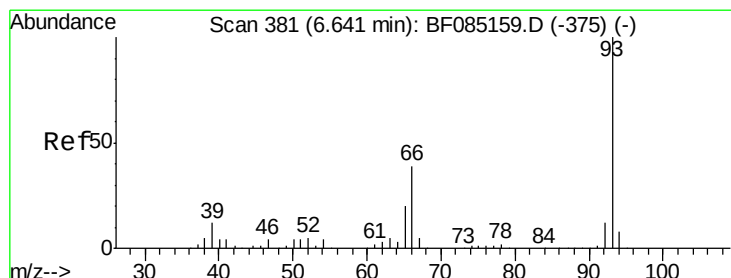
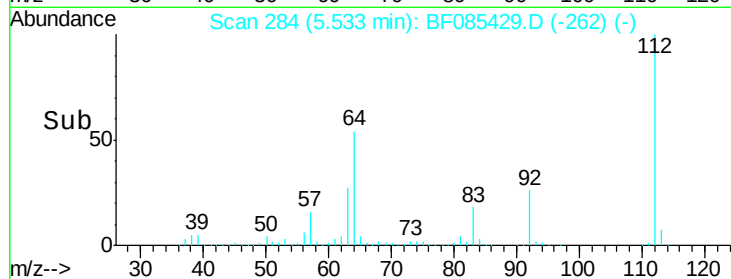
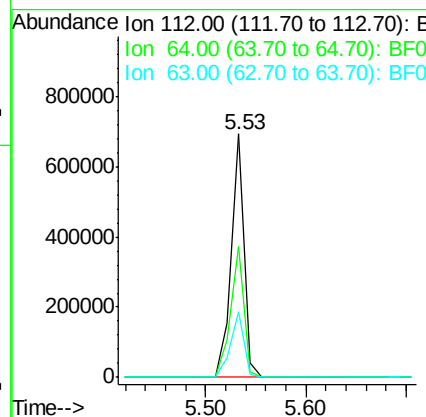
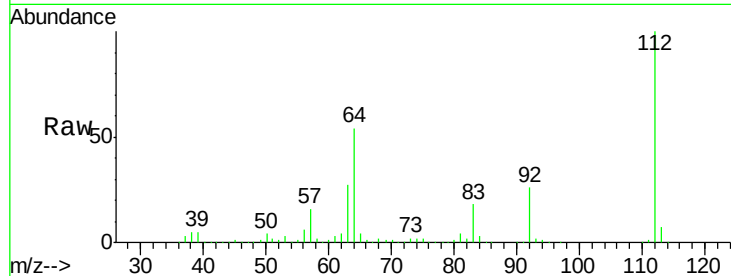
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 615522 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.0  | 49.0  | 73.4   |
| 63        | 27.1  | 24.8  | 37.2   |

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#6

Aniline

Concen: 9.24 ng

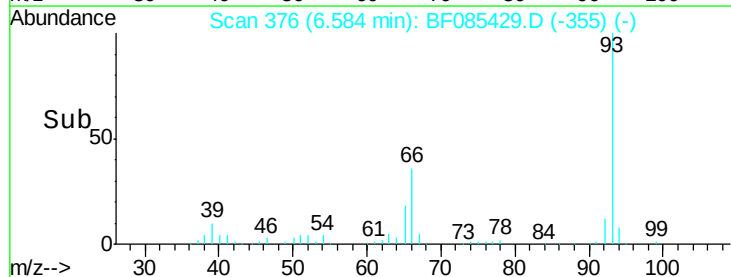
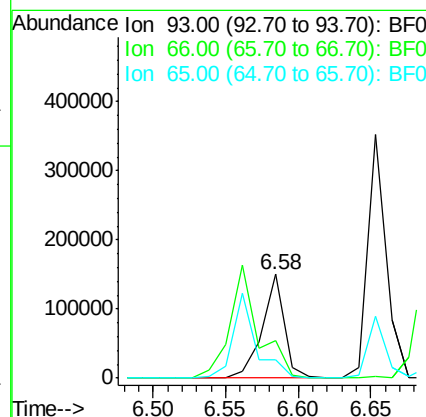
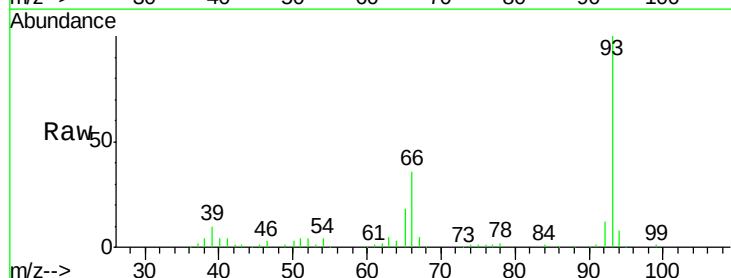
RT: 6.58 min Scan# 376

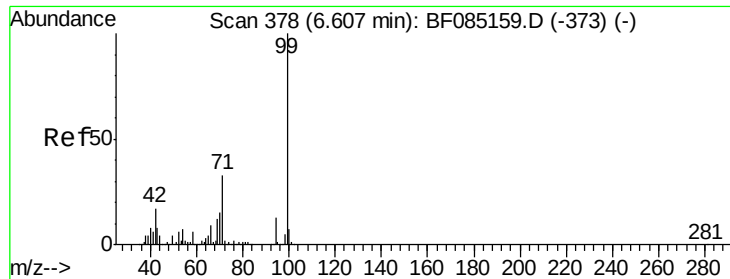
Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 160479 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.1  | 31.6  | 47.4   |
| 65        | 17.7  | 15.8  | 23.8   |





#7

Phenol-d6

Concen: 61.29 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085429.D

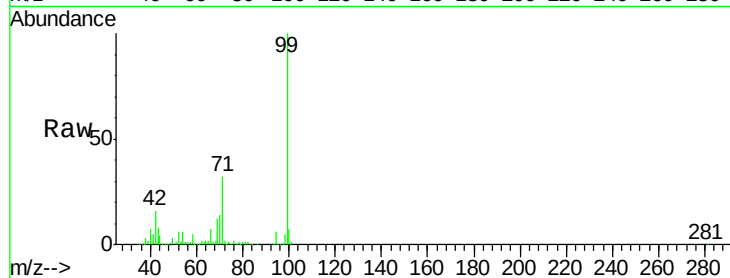
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

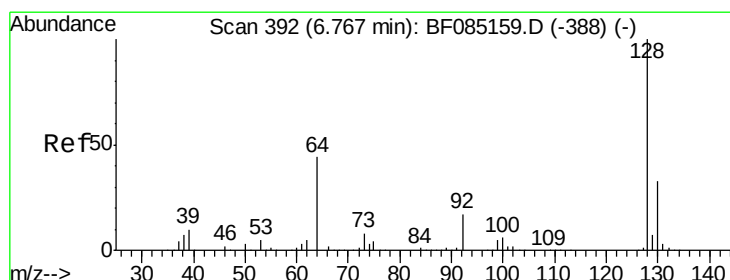
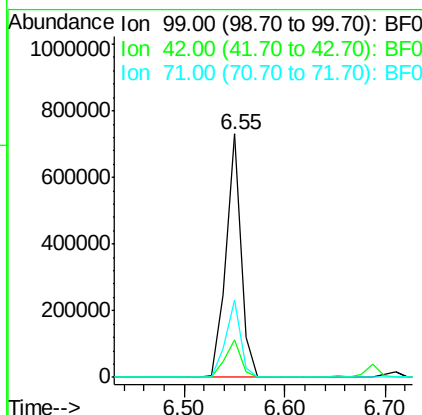
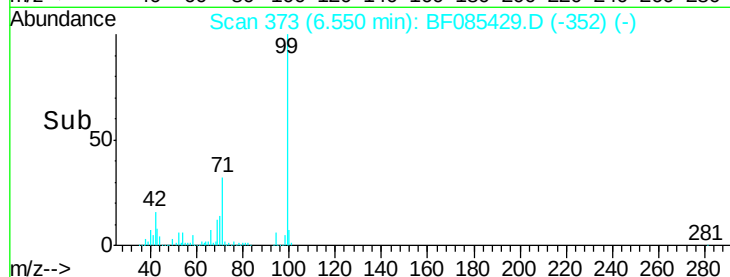
PB88829BS



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 759168 |       |       |
| 42      | 15.6 | 13.6  | 20.4   |       |       |
| 71      | 31.6 | 26.7  | 40.1   |       |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 31.42 ng

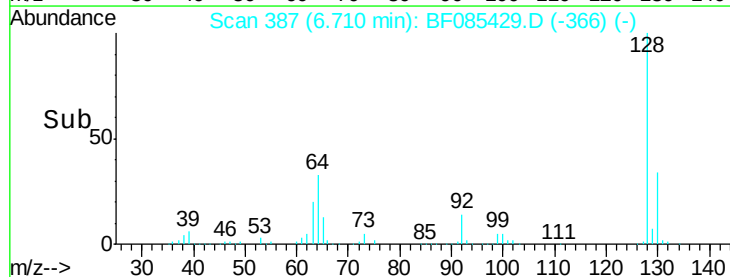
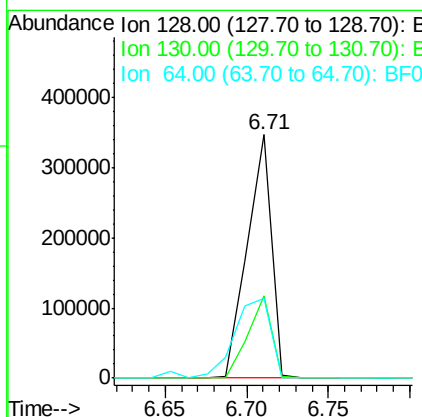
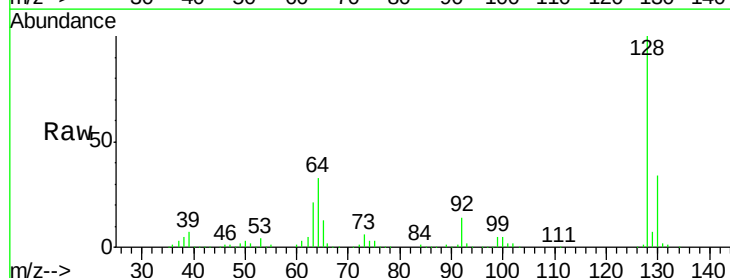
RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

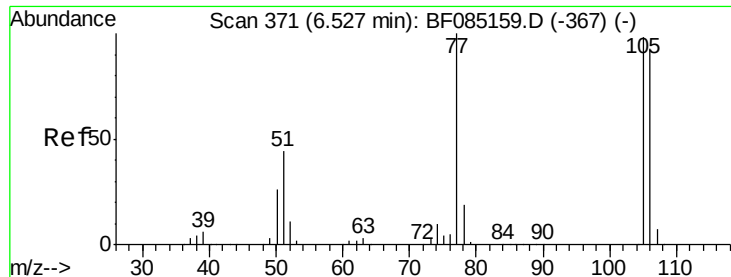
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 357639 |       |       |
| 130     | 33.7 | 13.3  | 53.3   |       |       |
| 64      | 33.0 | 25.7  | 65.7   |       |       |







#9

Benzaldehyde

Concen: 11.51 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

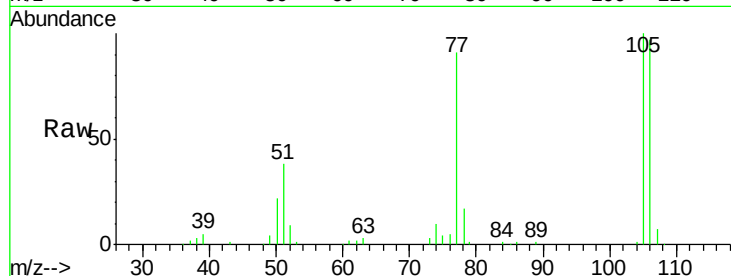
ClientSampleId :

PB88829BS

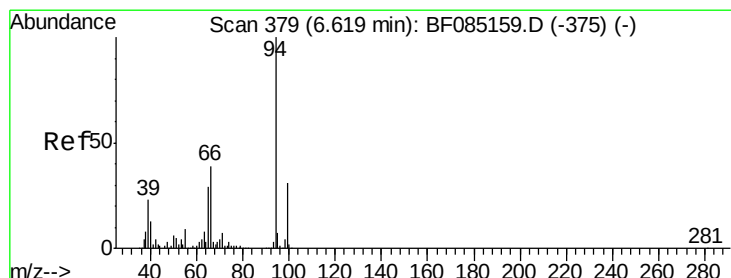
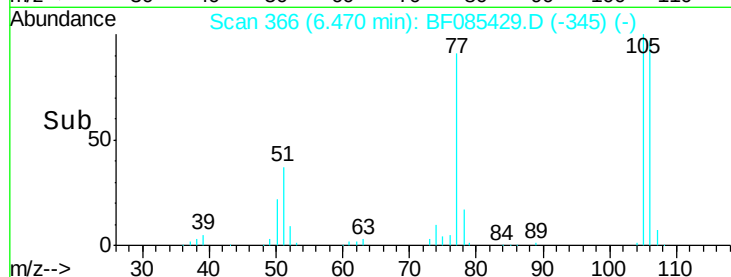
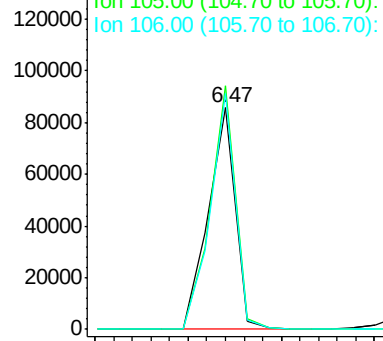
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 86917 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 109.8 | 78.2  | 118.2 |
| 106      | 106.7 | 72.9  | 112.9 |

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Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 29.69 ng m

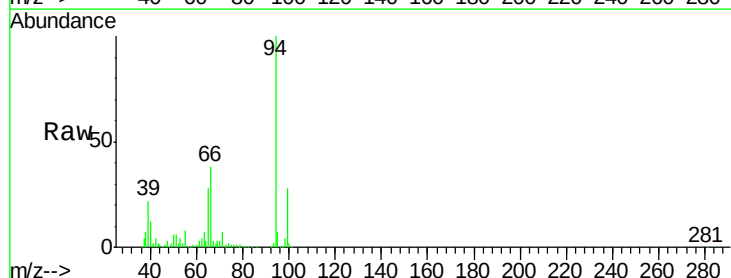
RT: 6.56 min Scan# 374

Delta R.T. -0.06 min

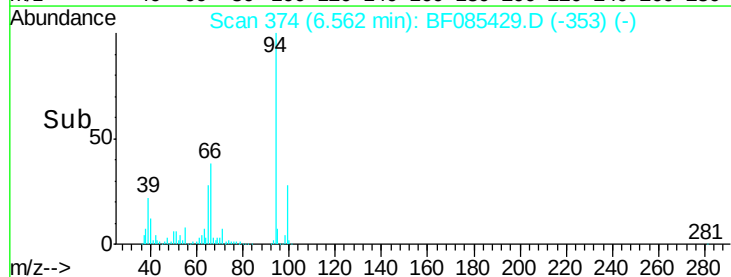
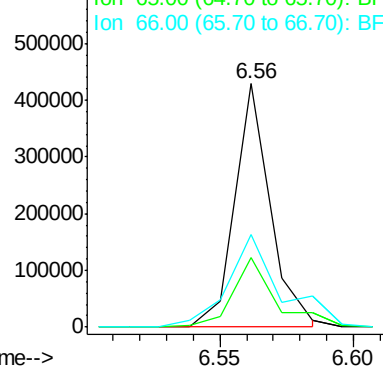
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

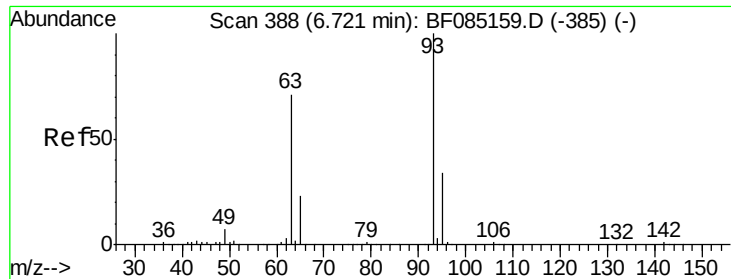
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 393908 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 28.5  | 9.1   | 49.1   |
| 66       | 38.0  | 19.3  | 59.3   |



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0







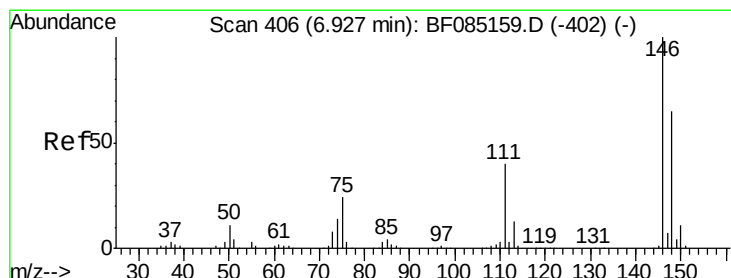
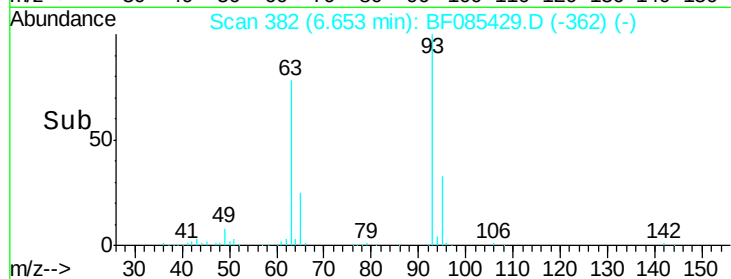
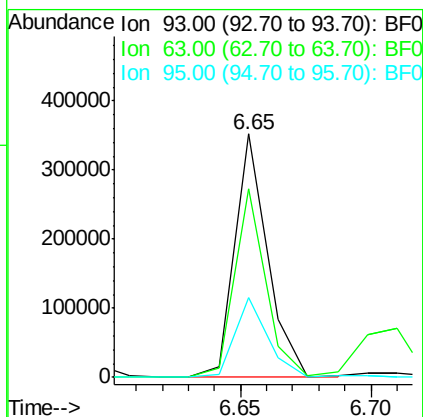
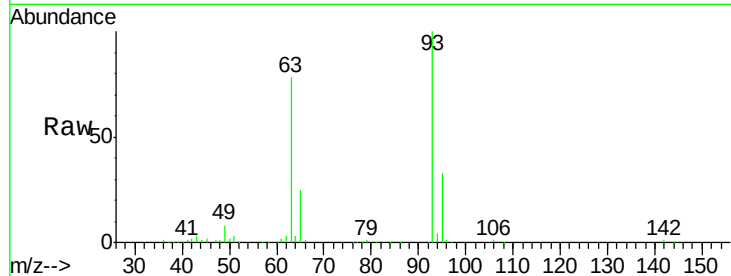
#11  
bis(2-Chloroethyl)ether  
Concen: 27.99 ng  
RT: 6.65 min Scan# 382  
Delta R.T. -0.07 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 308434 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 77.6  | 50.9  | 90.9   |
| 95        | 32.9  | 13.7  | 53.7   |

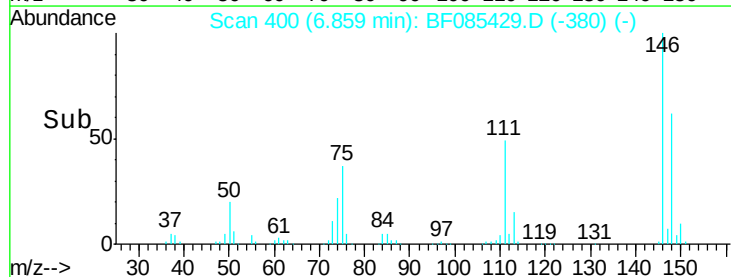
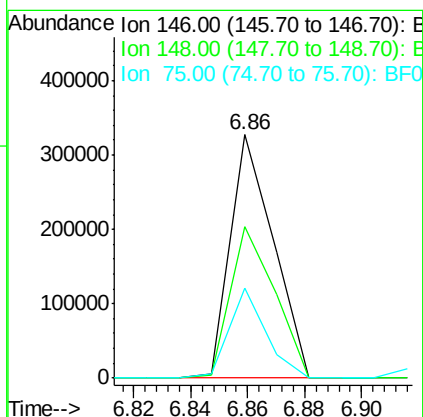
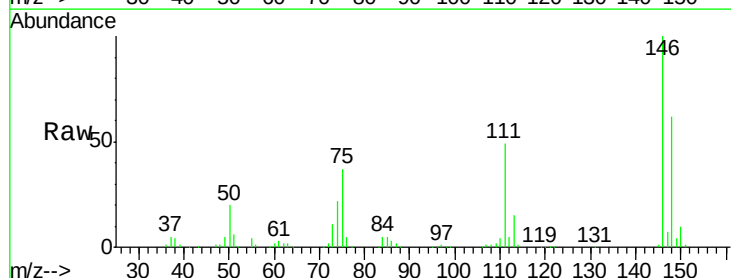
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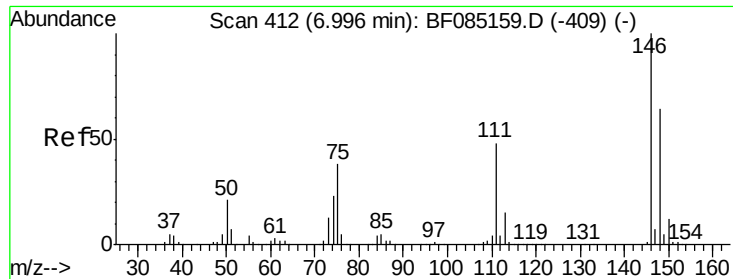
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#12  
1,3-Dichlorobenzene  
Concen: 28.29 ng m  
RT: 6.86 min Scan# 400  
Delta R.T. -0.07 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 345701 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.2  | 52.1  | 78.1   |
| 75        | 36.7  | 19.5  | 29.3#  |





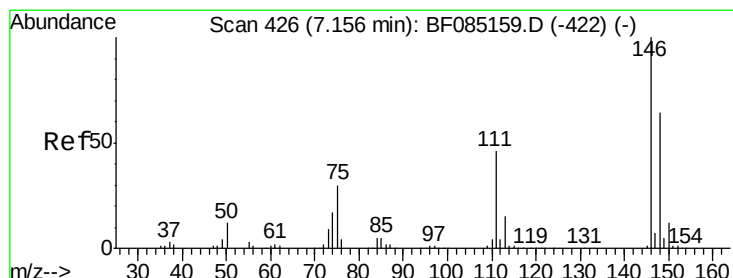
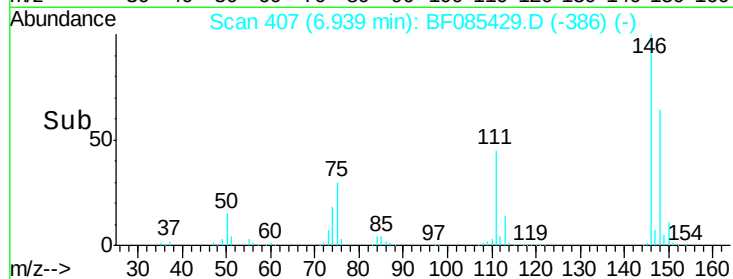
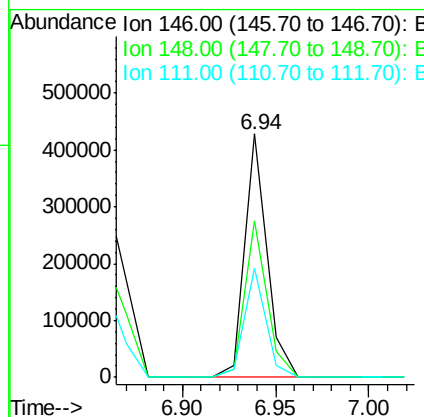
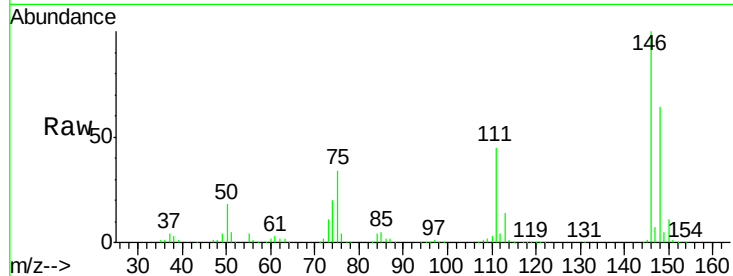
#13  
 1,4-Dichlorobenzene  
 Concen: 29.16 ng  
 RT: 6.94 min Scan# 407  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.3  | 76.9  |
| 111     | 45.1  | 38.4  | 57.6  |

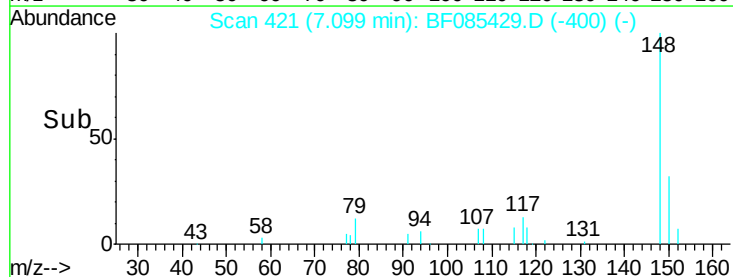
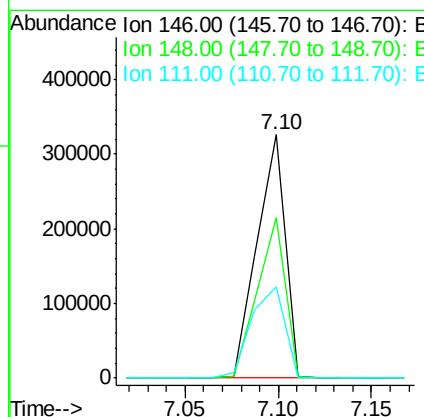
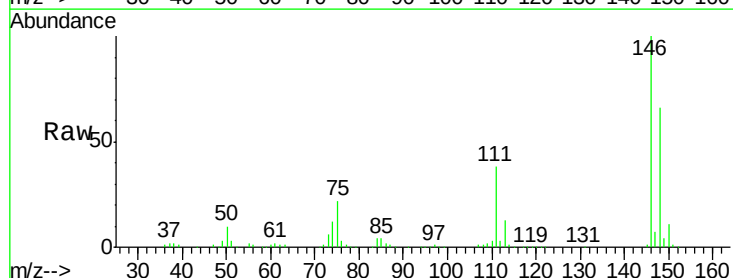
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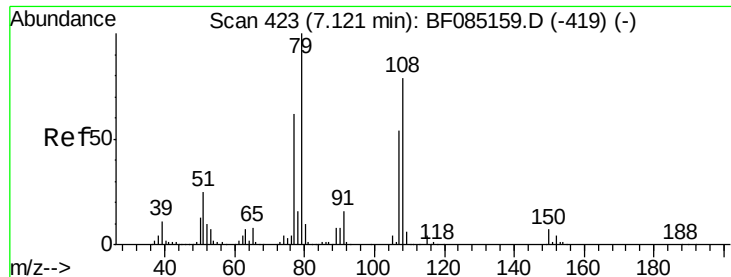
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#14  
 1,2-Dichlorobenzene  
 Concen: 30.57 ng  
 RT: 7.10 min Scan# 421  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 51.4  | 77.2  |
| 111     | 37.7  | 36.7  | 55.1  |





#15

Benzyl Alcohol

Concen: 34.57 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

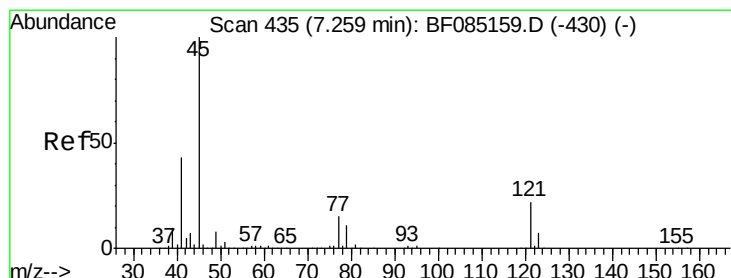
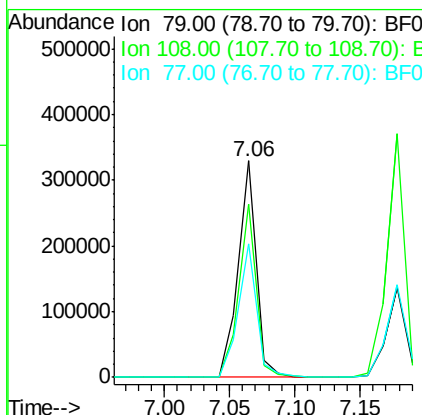
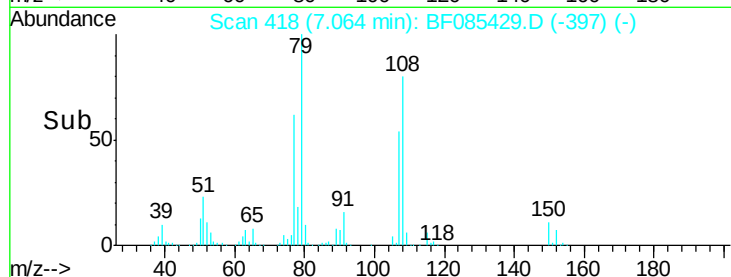
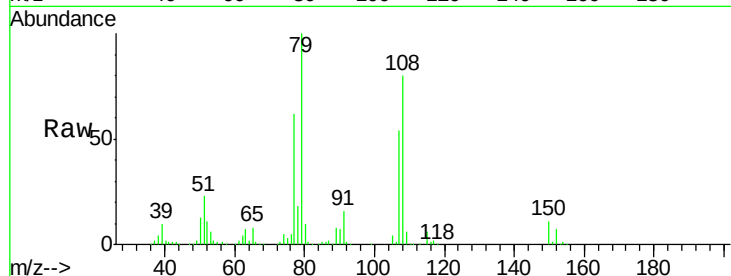
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 314293 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.0  | 62.9  | 94.3   |
| 77        | 61.9  | 49.5  | 74.3   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.68 ng

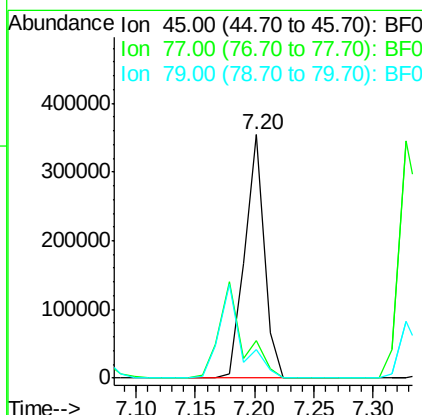
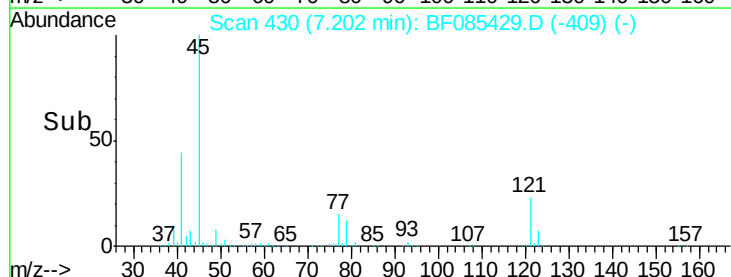
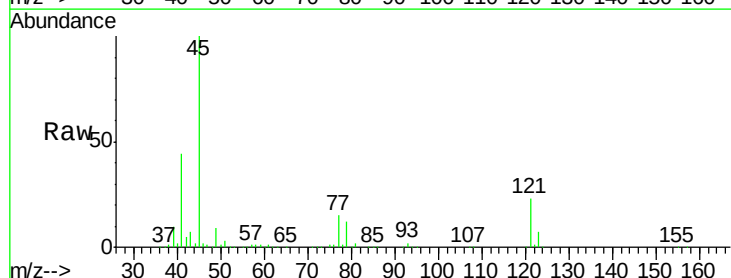
RT: 7.20 min Scan# 430

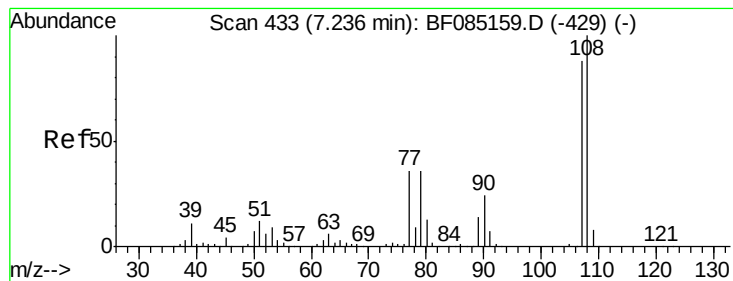
Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 407815 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 0.0   | 35.1   |
| 79        | 11.7  | 0.0   | 31.3   |





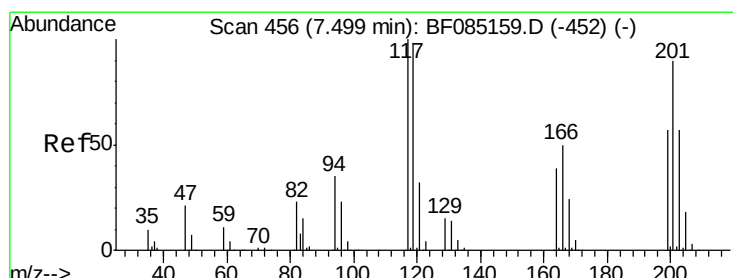
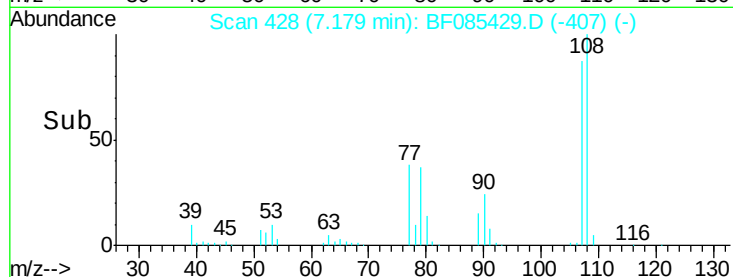
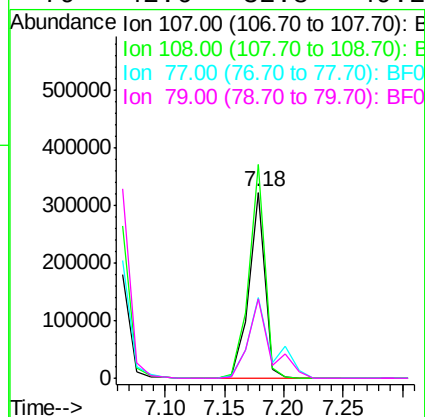
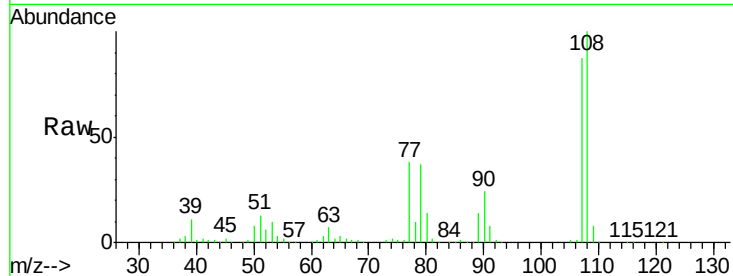
#17  
2-Methylphenol  
Concen: 32.77 ng  
RT: 7.18 min Scan# 428  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 304373 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.0 | 90.9  | 136.3  |
| 77        | 43.7  | 32.6  | 48.8   |
| 79        | 42.6  | 32.8  | 49.2   |

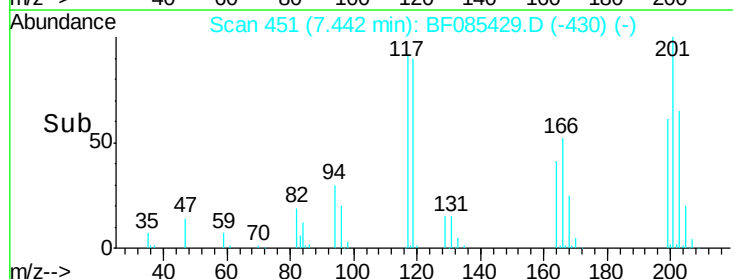
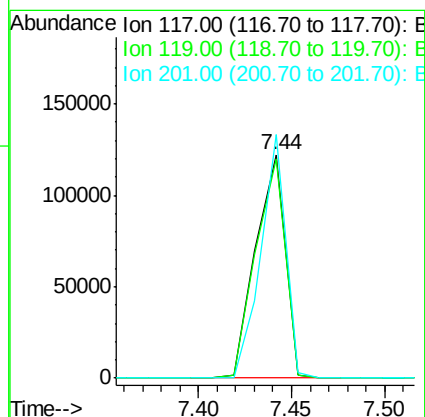
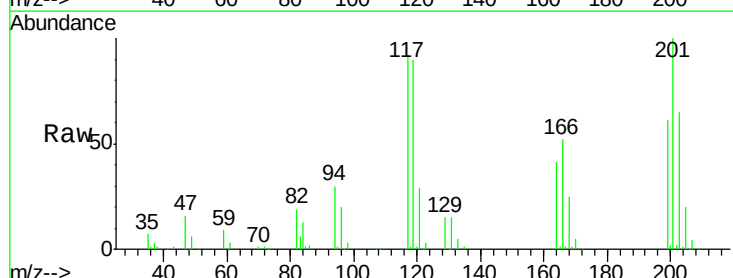
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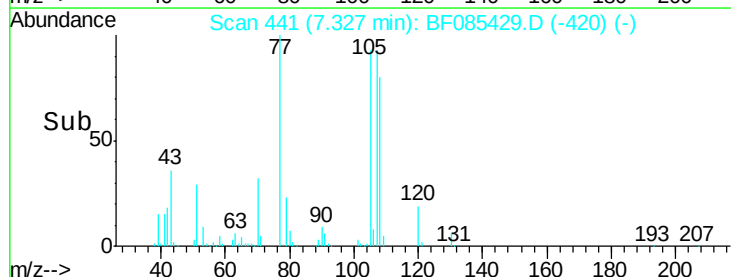
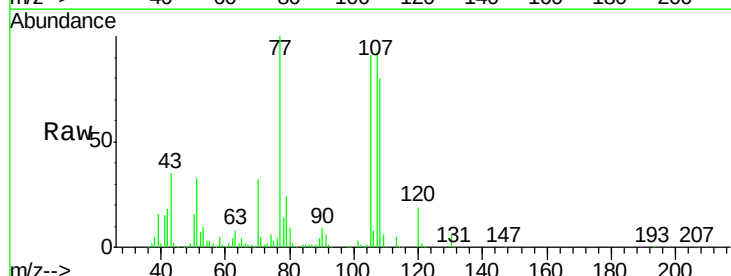
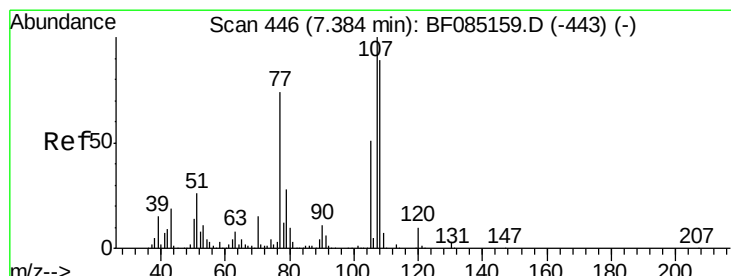
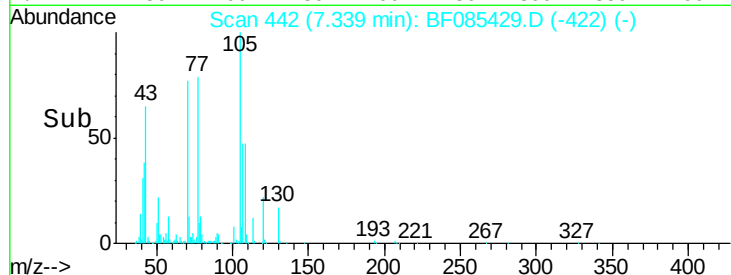
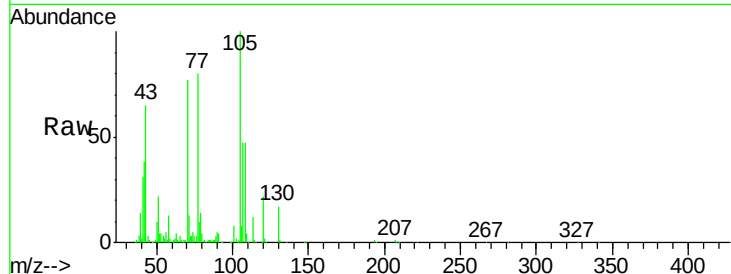
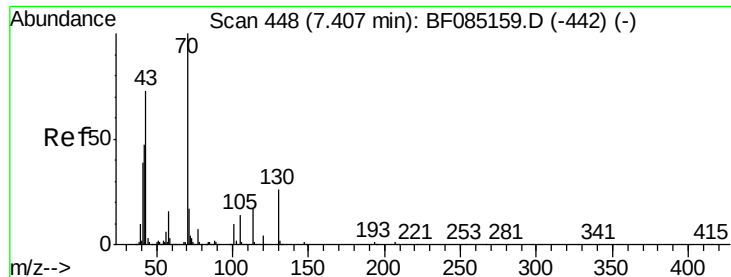
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#18  
Hexachloroethane  
Concen: 29.57 ng  
RT: 7.44 min Scan# 451  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 133591 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 98.2  | 78.2  | 117.4  |
| 201       | 109.1 | 72.0  | 108.0# |





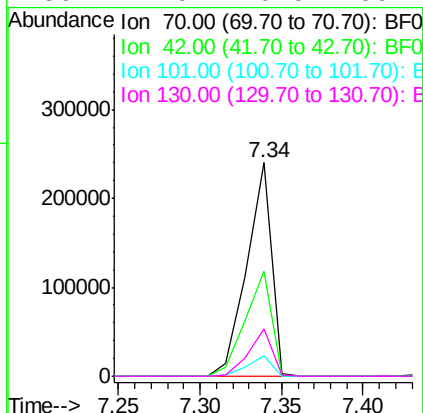
#19  
n-Nitroso-di-n-propylamine  
Concen: 31.38 ng  
RT: 7.34 min Scan# 442  
Delta R.T. -0.07 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 253325 |       |       |
| 42      | 49.4 | 37.7  | 56.5   |       |       |
| 101     | 9.8  | 8.2   | 12.4   |       |       |
| 130     | 22.0 | 20.5  | 30.7   |       |       |

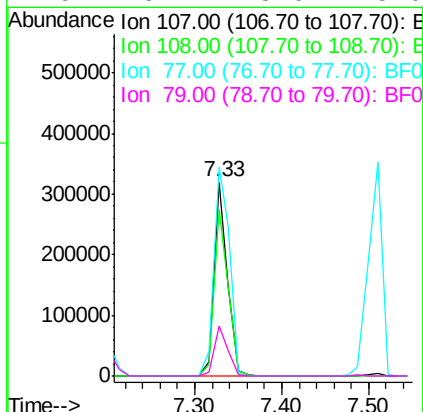
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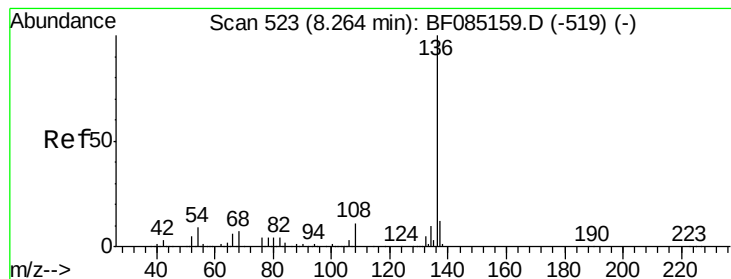
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#20  
3+4-Methylphenols  
Concen: 31.31 ng  
RT: 7.33 min Scan# 441  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       | 344425 |       |       |
| 108     | 86.1  | 68.8  | 108.8  |       |       |
| 77      | 108.1 | 53.6  | 93.6#  |       |       |
| 79      | 25.7  | 8.0   | 48.0   |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085429.D

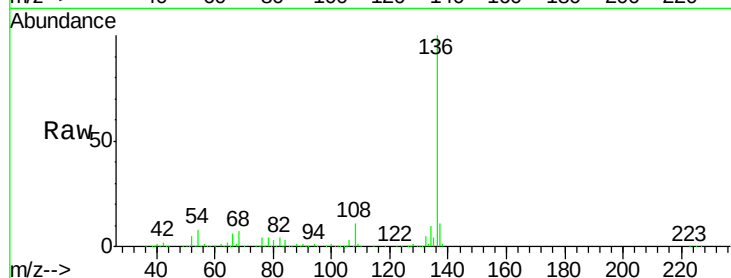
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

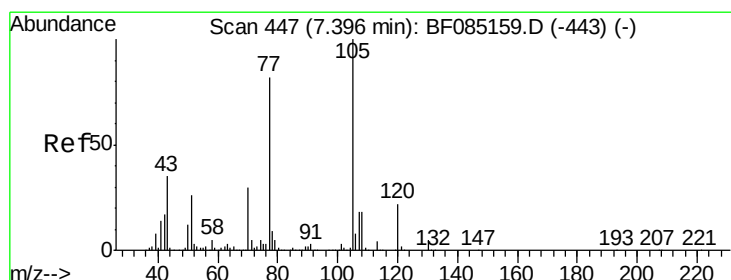
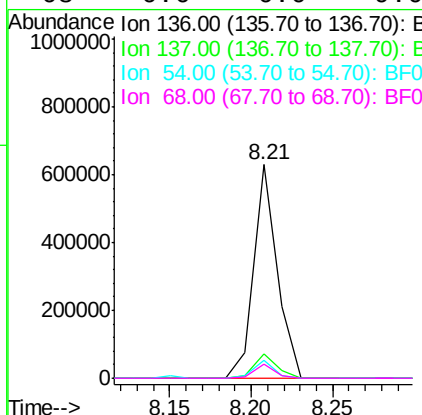
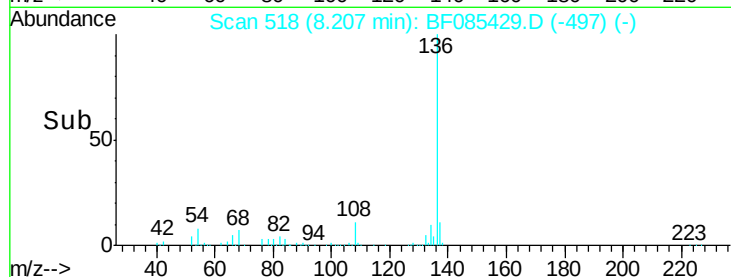
PB88829BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 629180 |       |       |
| 137     | 11.4  | 9.3    | 13.9  |       |
| 54      | 8.2   | 7.4    | 11.2  |       |
| 68      | 6.6   | 6.0    | 9.0   |       |

Manual Integrations  
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#22

Acetophenone

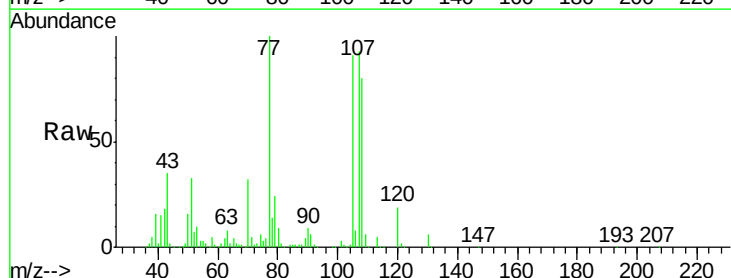
Concen: 29.78 ng

RT: 7.33 min Scan# 441

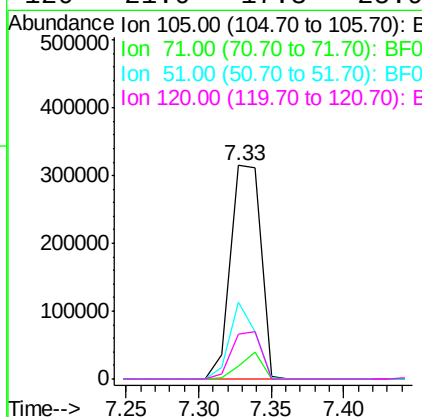
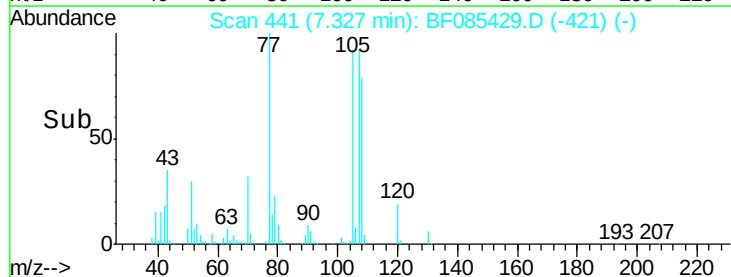
Delta R.T. -0.07 min

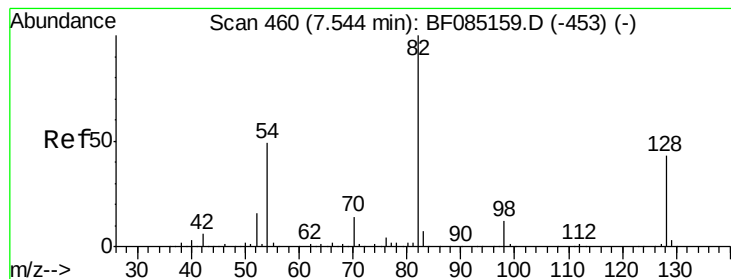
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 457327 |       |       |
| 71      | 5.8   | 4.1    | 6.1   |       |
| 51      | 35.9  | 21.1   | 31.7  |       |
| 120     | 21.0  | 17.3   | 25.9  |       |





#23

Nitrobenzene-d5

Concen: 59.42 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

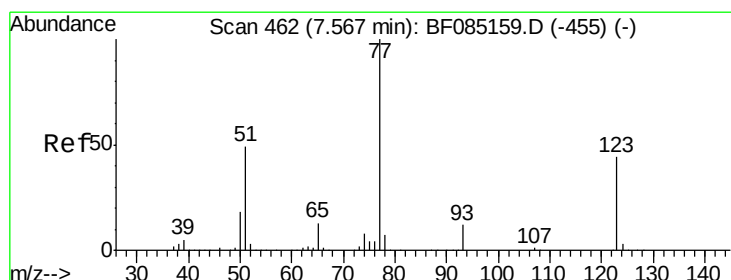
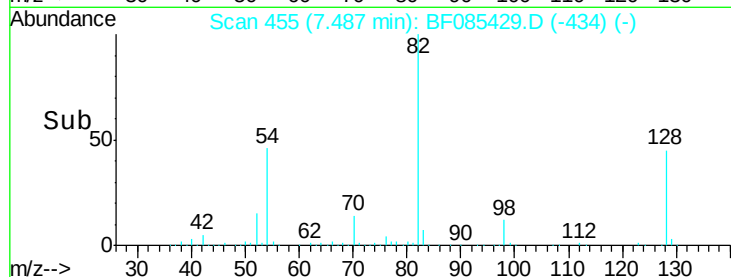
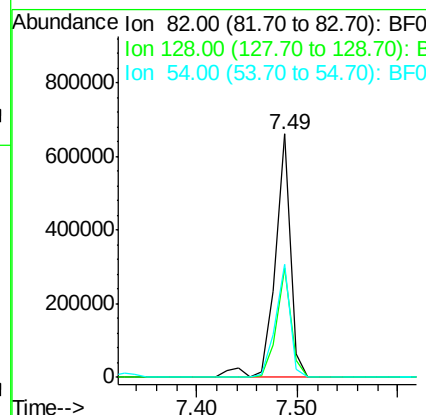
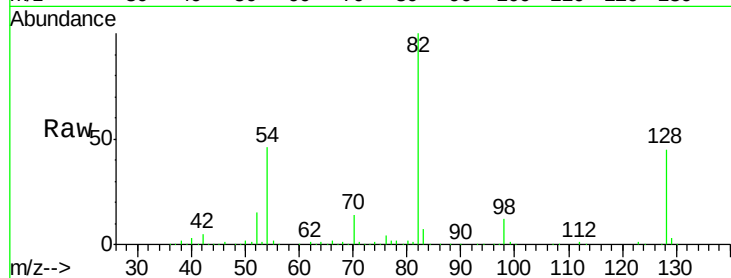
ClientSampleId :

PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 698591 |       |       |
| 128     | 45.1  | 34.5   | 51.7  |       |
| 54      | 46.3  | 39.3   | 58.9  |       |

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#24

Nitrobenzene

Concen: 31.60 ng

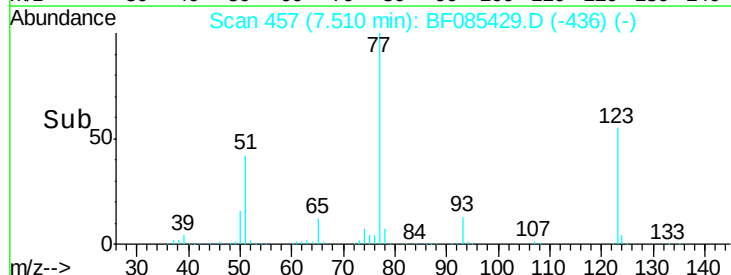
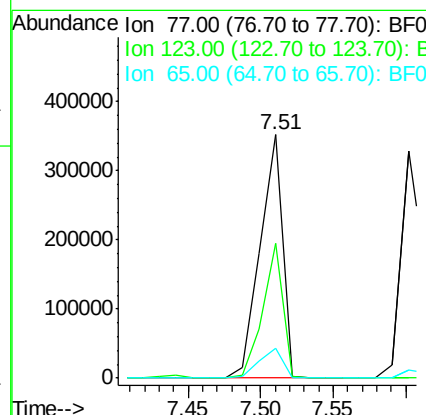
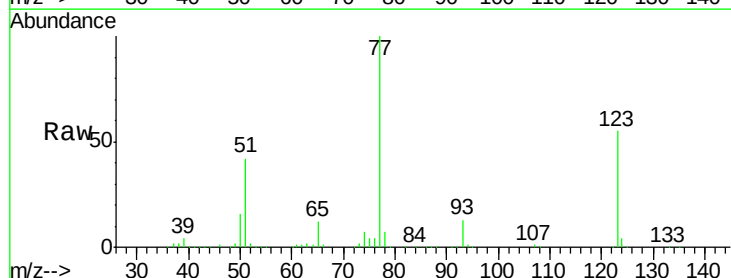
RT: 7.51 min Scan# 457

Delta R.T. -0.06 min

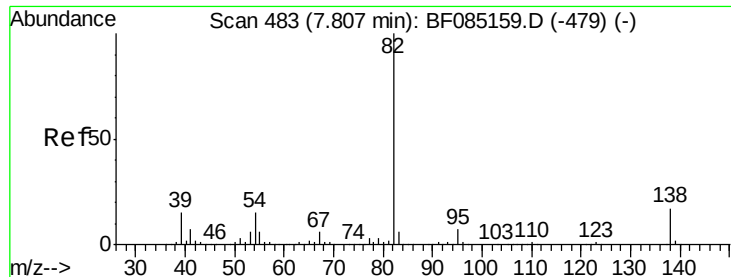
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 377452 |       |       |
| 123     | 55.2  | 35.4   | 53.2# |       |
| 65      | 12.5  | 10.6   | 16.0  |       |







#25

Isophorone

Concen: 30.97 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

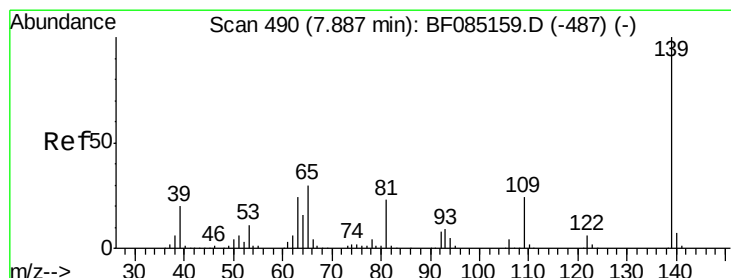
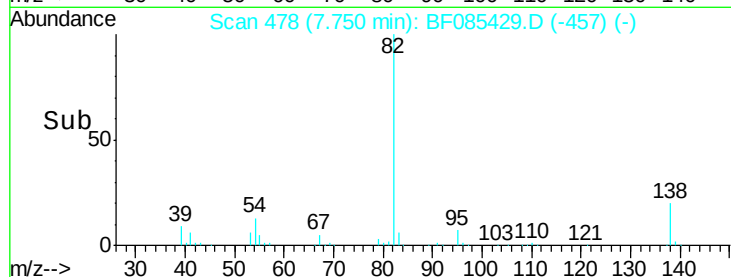
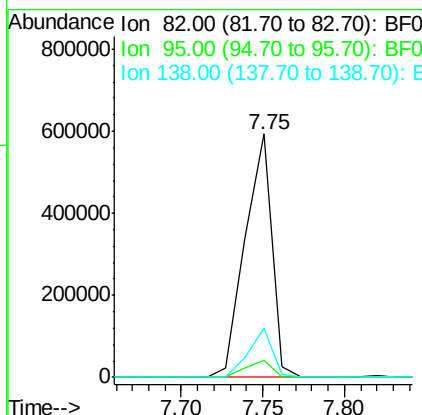
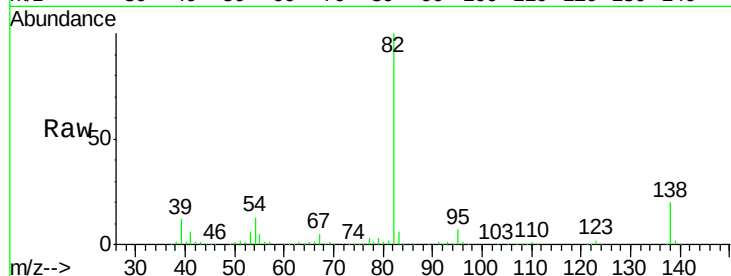
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 674872 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.4   | 8.2    |
| 138       | 20.0  | 13.3  | 19.9   |

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#26

2-Nitrophenol

Concen: 29.62 ng

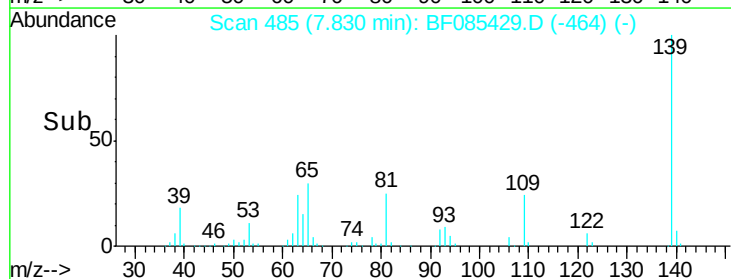
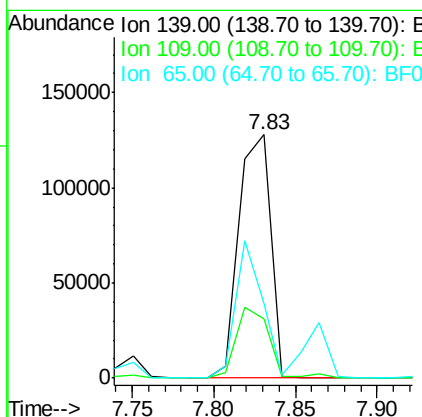
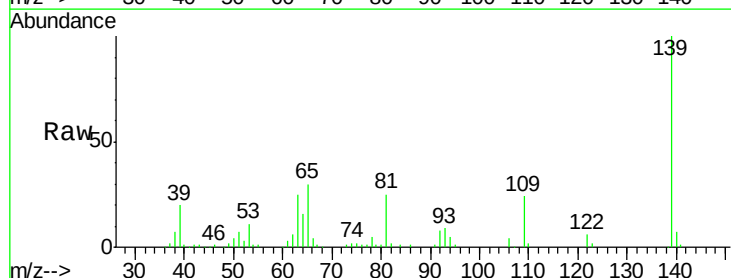
RT: 7.83 min Scan# 485

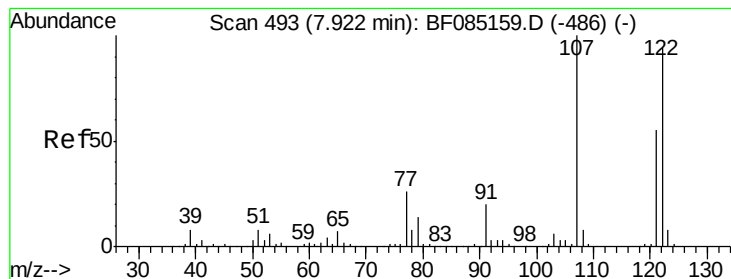
Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 172140 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 24.5  | 19.1  | 28.7   |
| 65        | 30.4  | 23.9  | 35.9   |





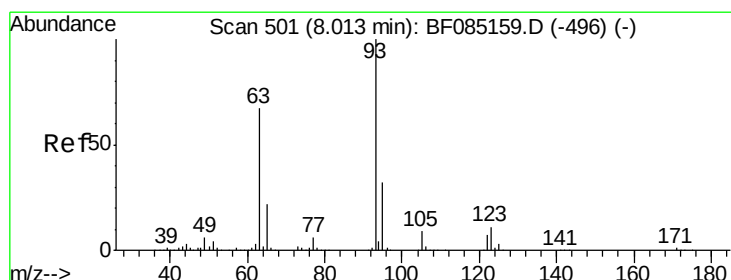
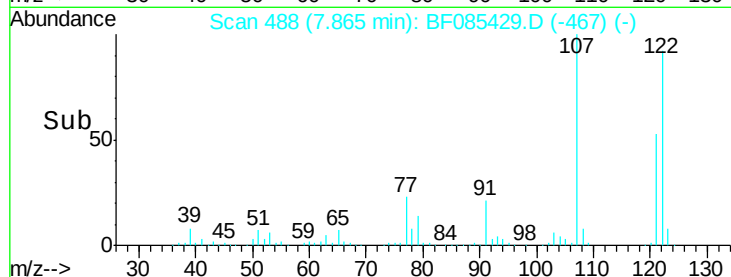
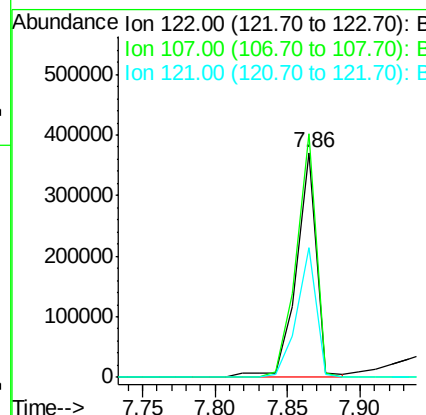
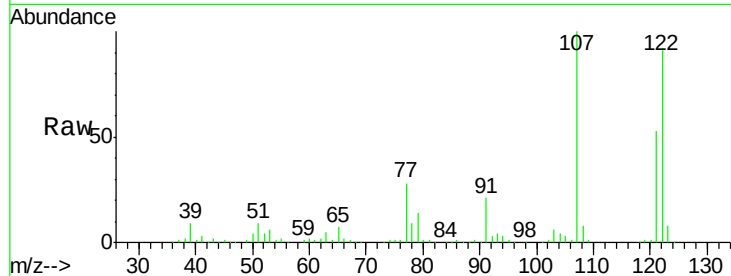
#27  
 2,4-Dimethylphenol  
 Concen: 33.81 ng  
 RT: 7.86 min Scan# 488  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 359154 |       |       |
| 107     | 108.3 | 84.8   | 127.2 |       |
| 121     | 57.9  | 47.0   | 70.6  |       |

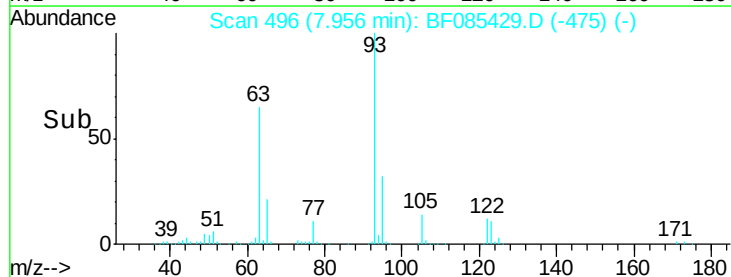
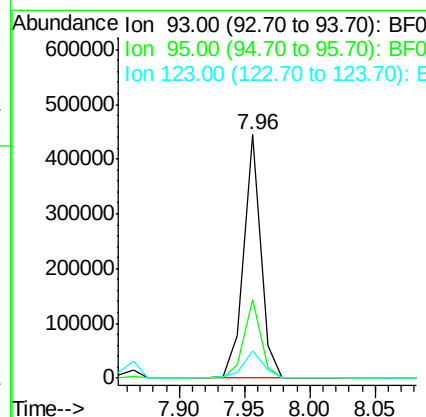
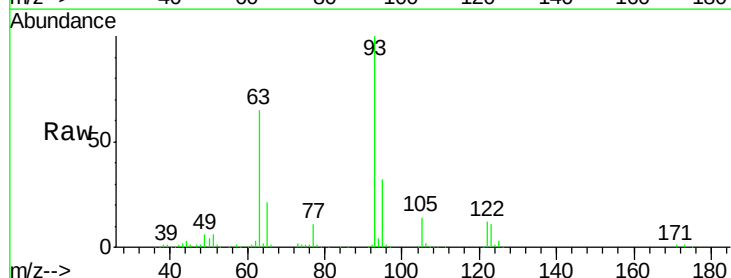
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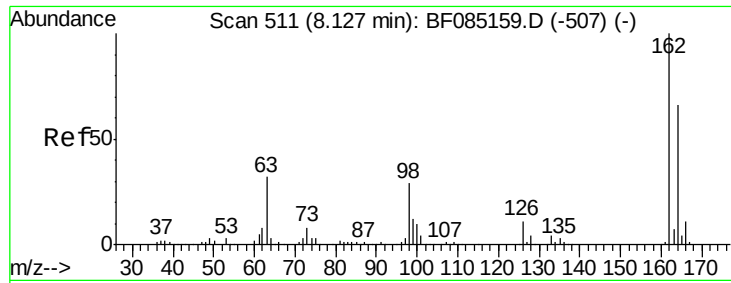
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.12 ng  
 RT: 7.96 min Scan# 496  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 401933 |       |       |
| 95      | 32.3  | 25.9   | 38.9  |       |
| 123     | 11.1  | 8.8    | 13.2  |       |





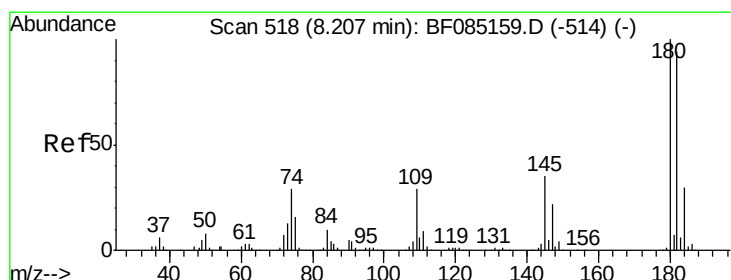
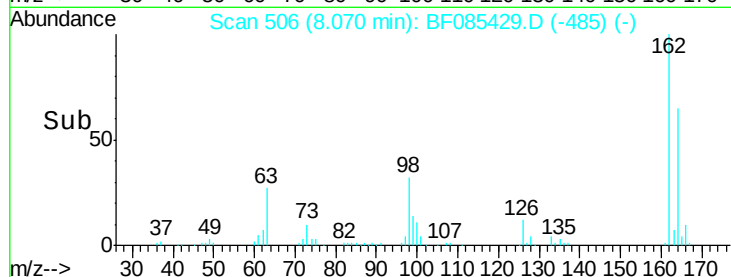
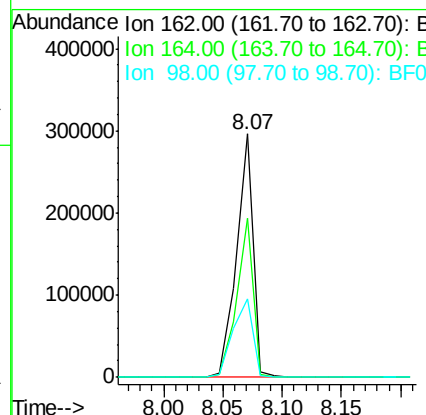
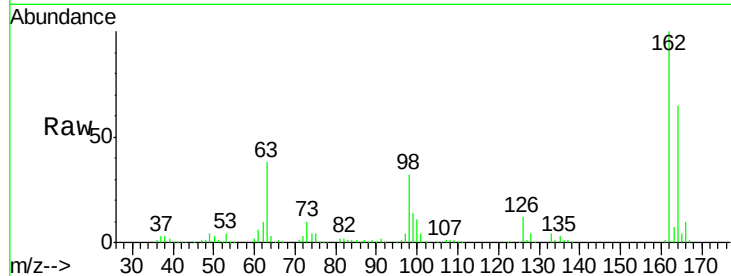
#29  
 2,4-Dichlorophenol  
 Concen: 33.62 ng  
 RT: 8.07 min Scan# 506  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 288036 |       |       |
| 164     | 65.4  | 45.7   | 85.7  |       |
| 98      | 32.2  | 9.4    | 49.4  |       |

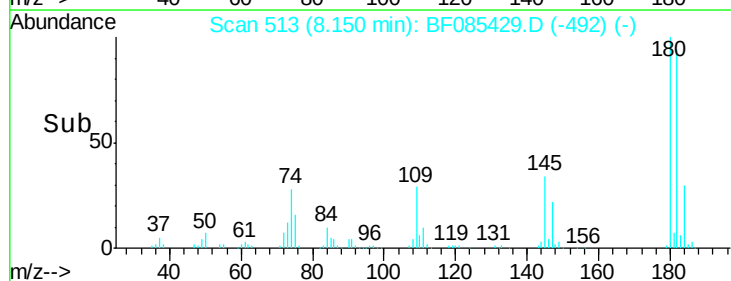
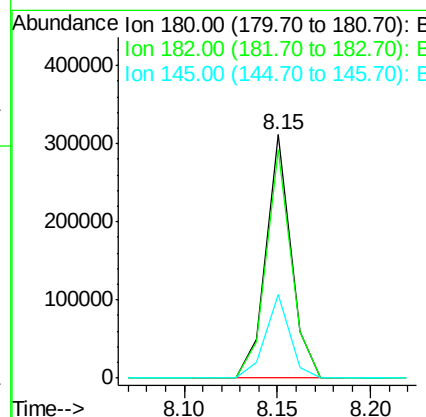
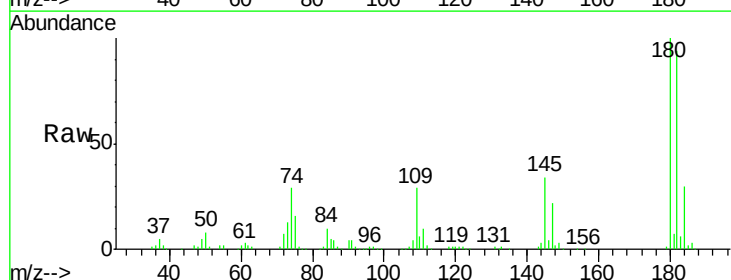
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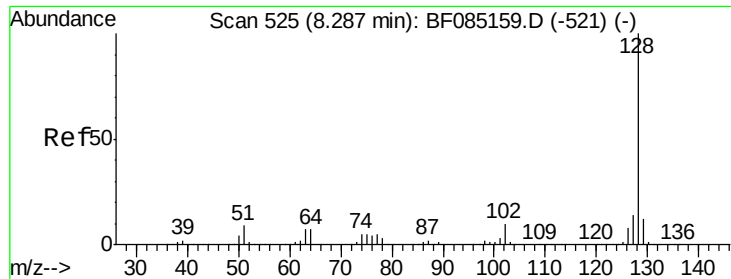
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 31.18 ng  
 RT: 8.15 min Scan# 513  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 288751 |       |       |
| 182     | 94.0  | 74.9   | 112.3 |       |
| 145     | 34.3  | 27.9   | 41.9  |       |





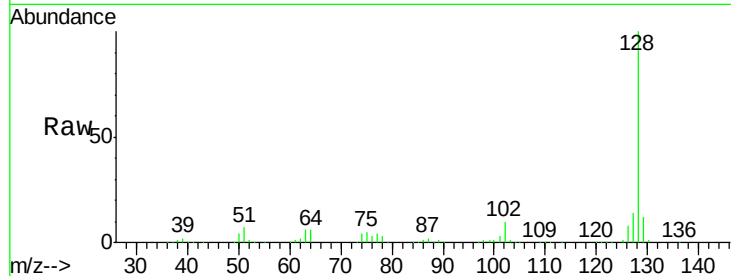
#31  
Naphthalene  
Concen: 30.75 ng  
RT: 8.23 min Scan# 520  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

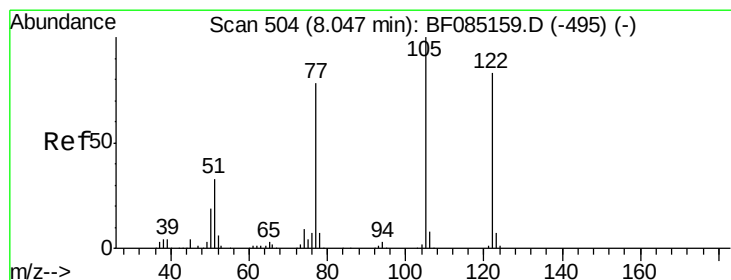
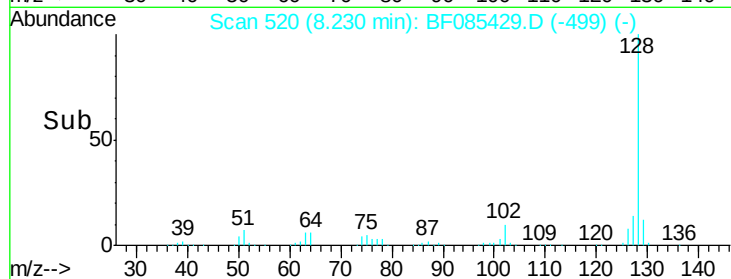
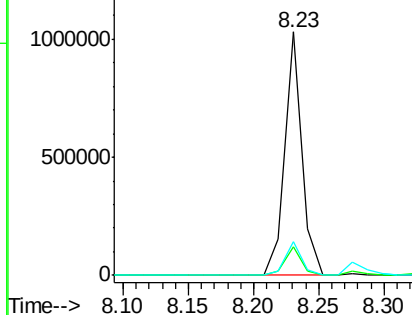
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 951420 |       |       |
| 129     | 11.6  | 9.7    | 14.5  |       |
| 127     | 13.7  | 11.2   | 16.8  |       |

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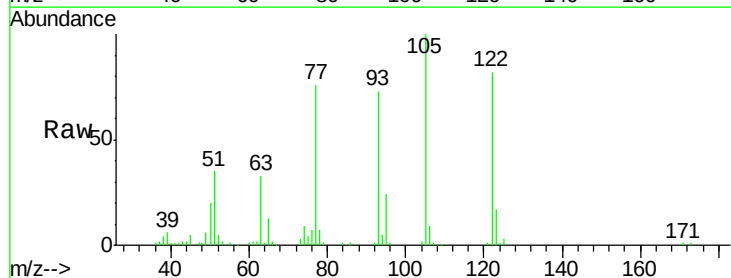


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

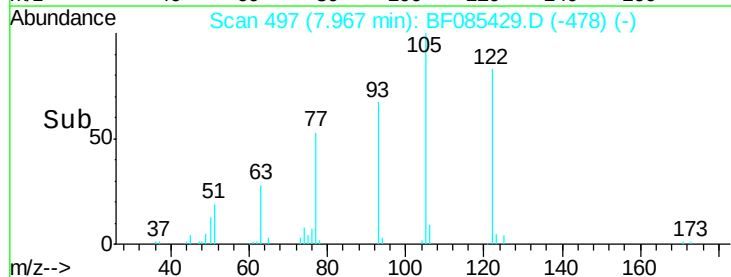
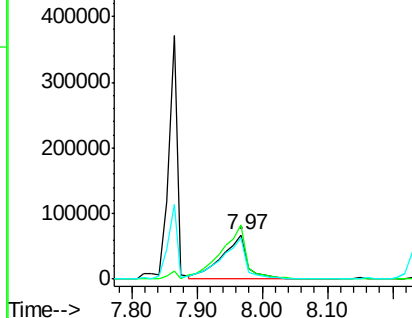


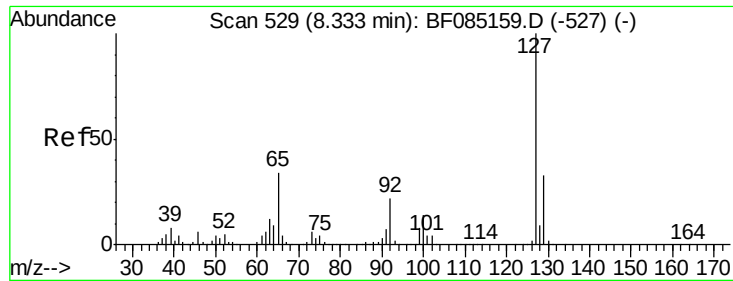
#32  
Benzoic acid  
Concen: 26.13 ng  
RT: 7.97 min Scan# 497  
Delta R.T. -0.08 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 184346 |       |       |
| 105     | 121.5 | 101.3  | 141.3 |       |
| 77      | 92.3  | 74.7   | 114.7 |       |



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





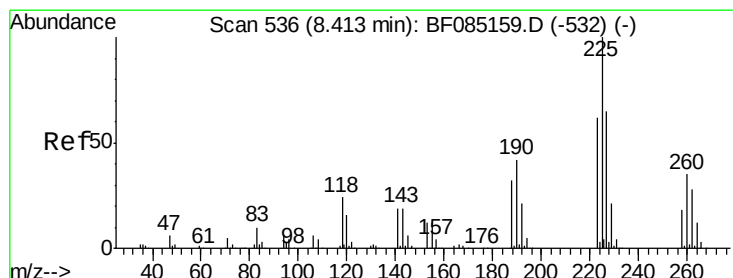
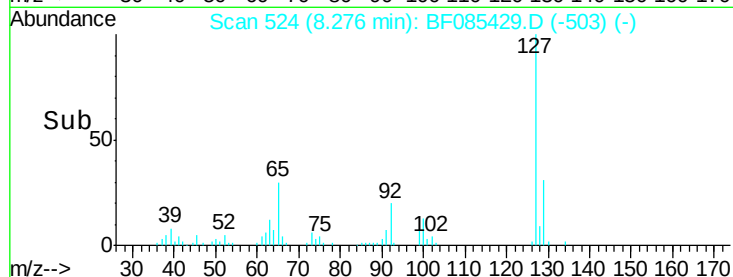
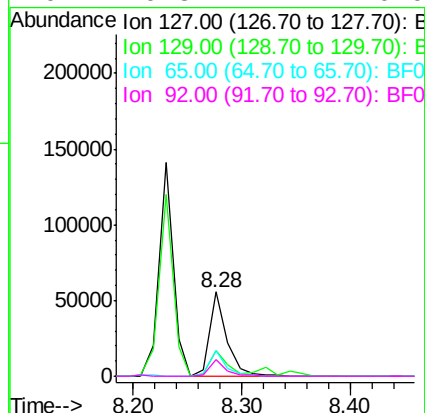
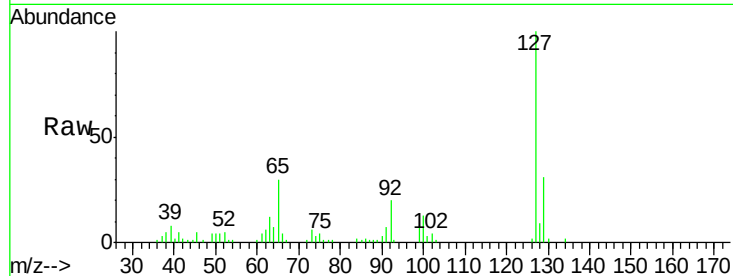
#33  
4-Chloroaniline  
Concen: 5.00 ng  
RT: 8.28 min Scan# 524  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 127     | 100   |            |            |
| 129     | 30.9  | 26.1       | 39.1       |
| 65      | 30.0  | 27.0       | 40.6       |
| 92      | 19.8  | 17.4       | 26.0       |

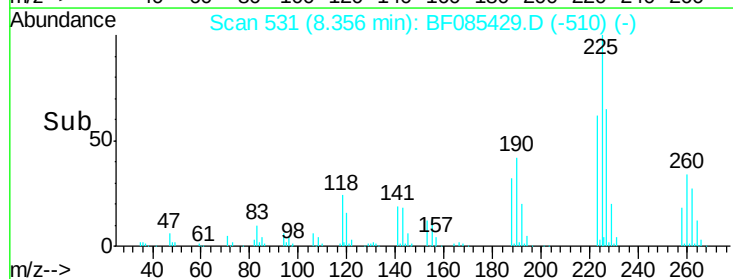
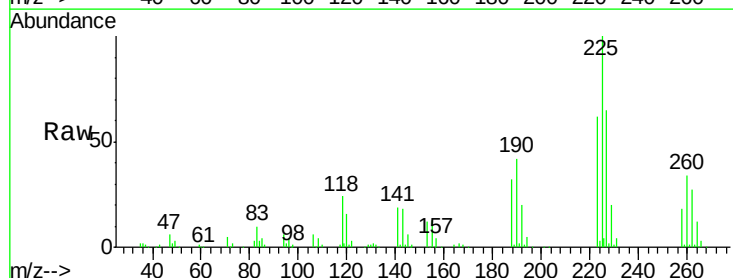
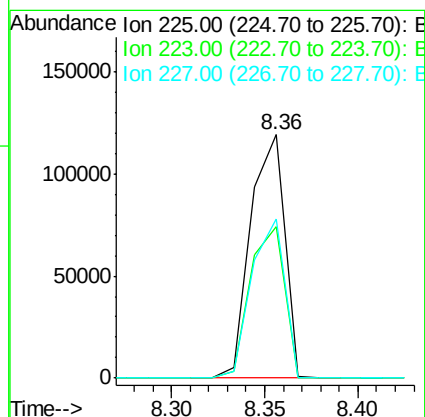
Manual Integrations  
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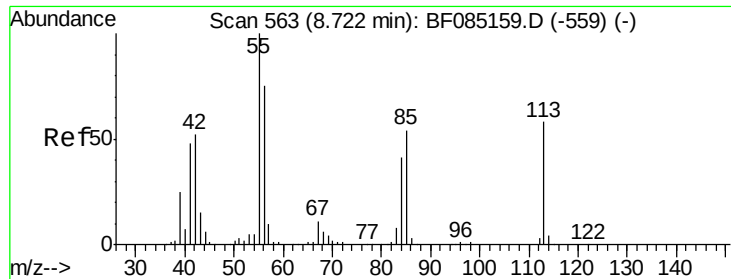
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#34  
Hexachlorobutadiene  
Concen: 31.13 ng  
RT: 8.36 min Scan# 531  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 62.1  | 49.7       | 74.5       |
| 227     | 65.3  | 52.2       | 78.4       |





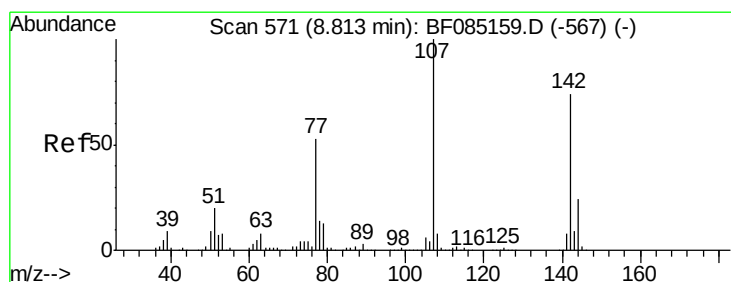
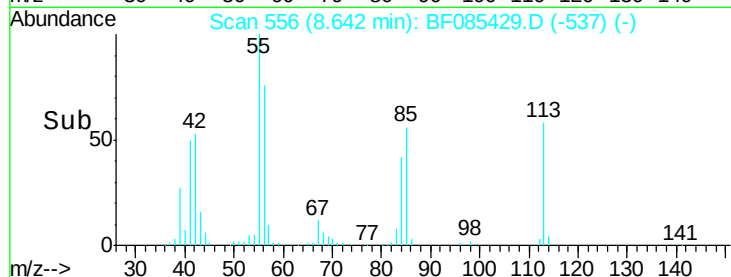
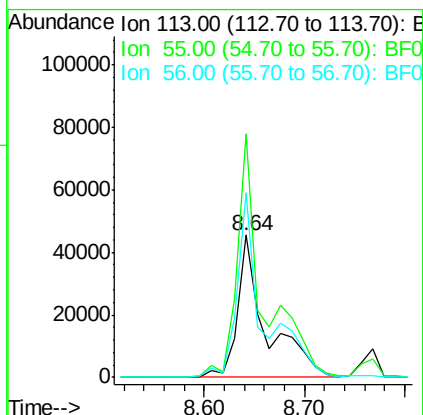
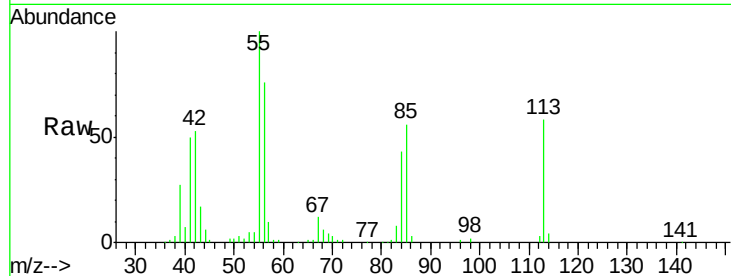
#35  
 Caprolactam  
 Concen: 31.76 ng  
 RT: 8.64 min Scan# 556  
 Delta R.T. -0.08 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB88829BS

Tgt Ion:113 Resp: 88867  
 Ion Ratio Lower Upper  
 113 100  
 55 170.9 152.7 192.7  
 56 129.9 109.0 149.0

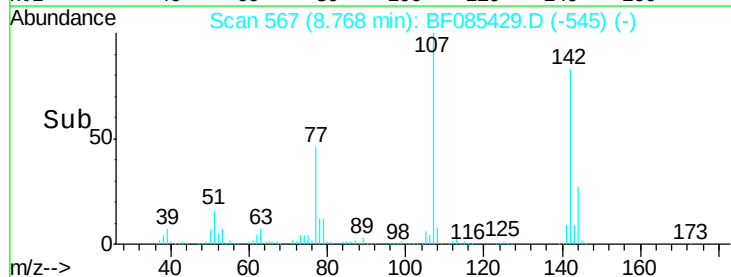
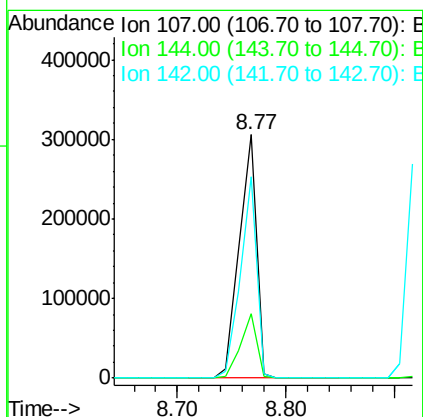
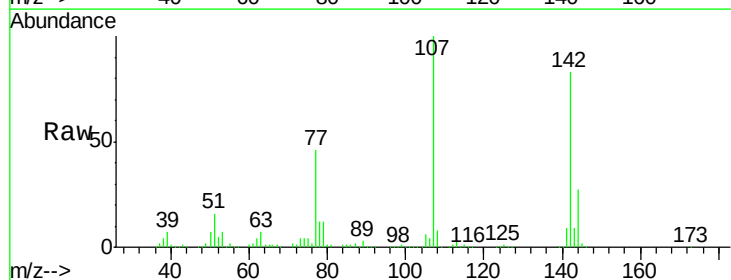
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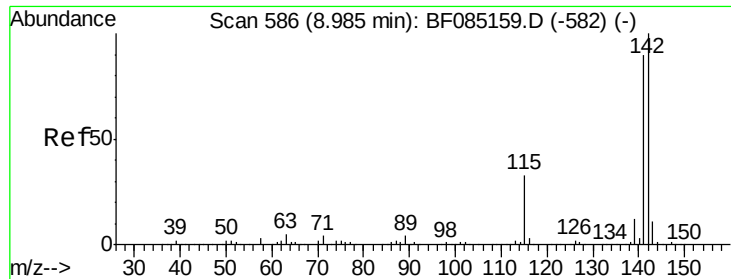
Sohil  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 34.29 ng  
 RT: 8.77 min Scan# 567  
 Delta R.T. -0.05 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Tgt Ion:107 Resp: 333288  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 19.4 29.2  
 142 82.9 59.4 89.2





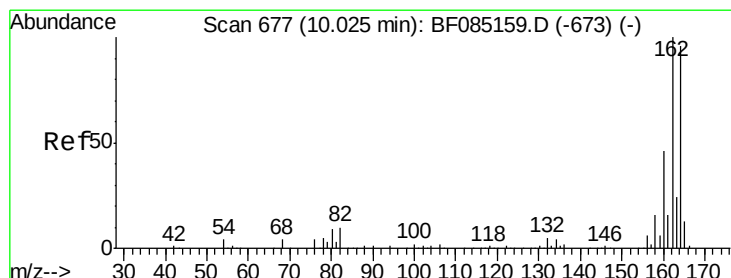
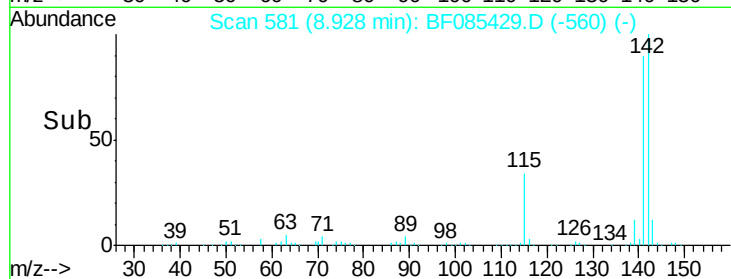
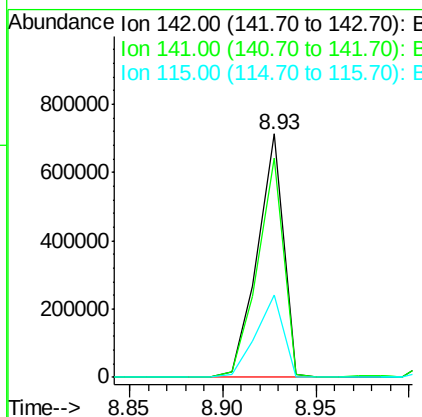
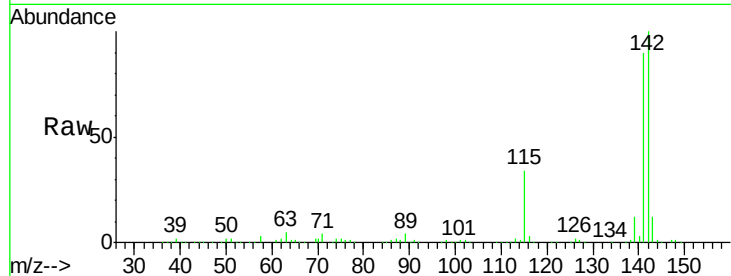
#37  
 2-Methylnaphthalene  
 Concen: 34.90 ng  
 RT: 8.93 min Scan# 581  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 692808 |       |       |
| 141     | 90.2  | 71.7   | 107.5 |       |
| 115     | 33.8  | 26.2   | 39.4  |       |

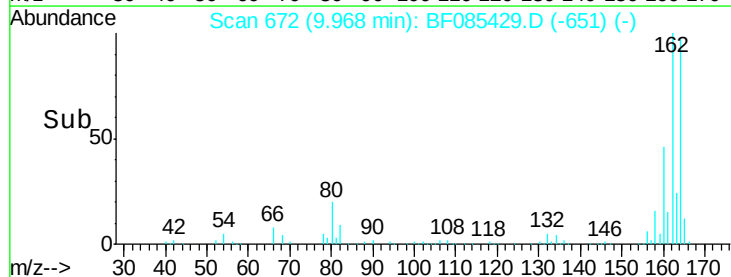
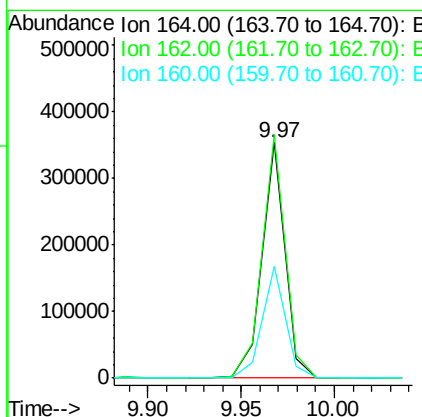
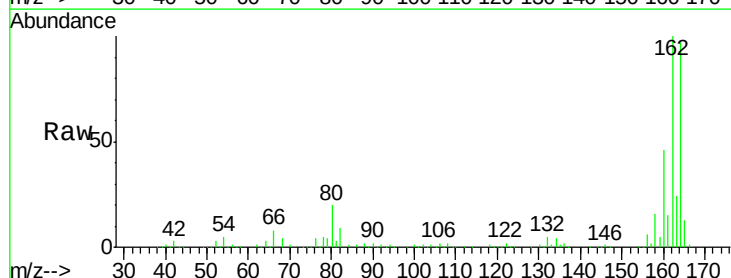
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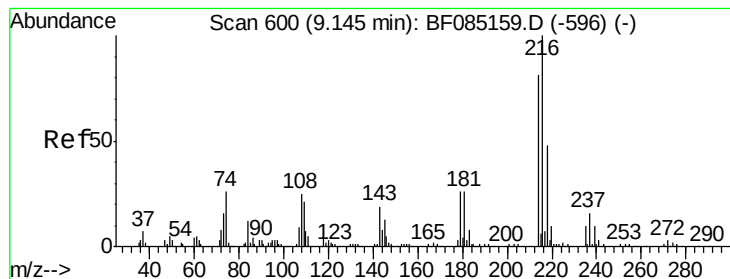
Sohil  
 3/15/2016 2:09:08 PM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.97 min Scan# 672  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 298949 |       |       |
| 162     | 103.3 | 83.3   | 124.9 |       |
| 160     | 47.4  | 37.9   | 56.9  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.62 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF085429.D

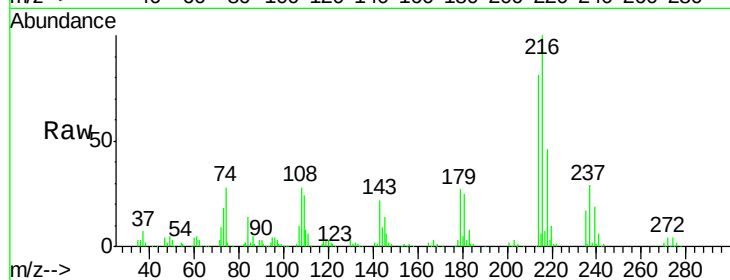
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

PB88829BS



Tgt Ion: 216 Resp: 244661

Ion Ratio Lower Upper

216 100

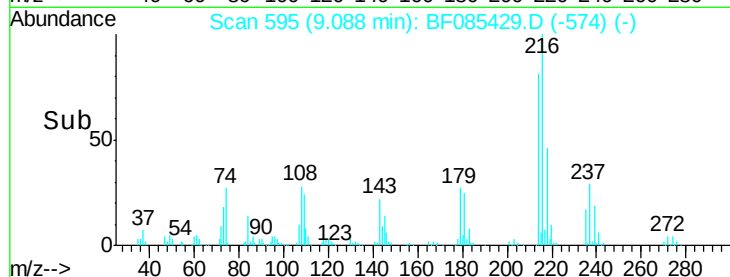
214 79.3 63.8 95.6

179 23.6 19.6 29.4

108 25.1 19.6 29.4

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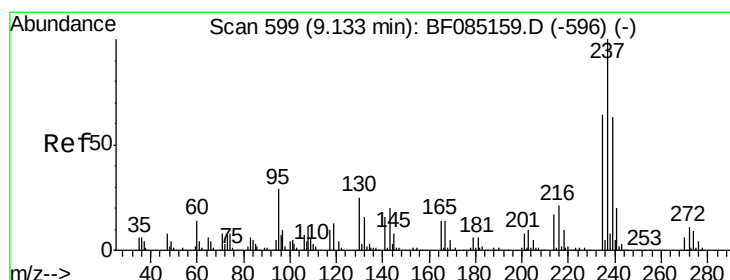
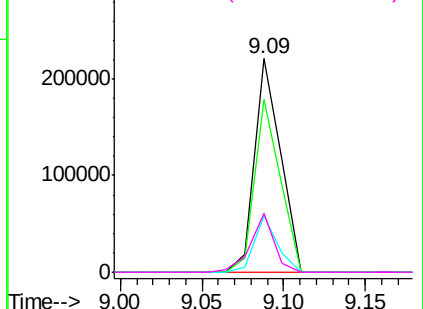


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.98 ng

RT: 9.08 min Scan# 594

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

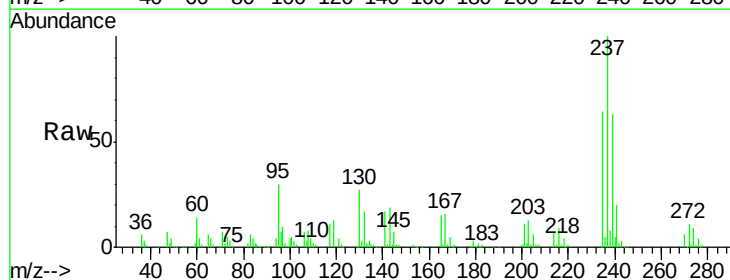
Tgt Ion: 237 Resp: 202822

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

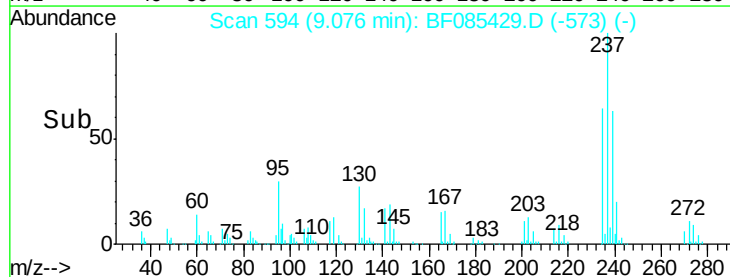
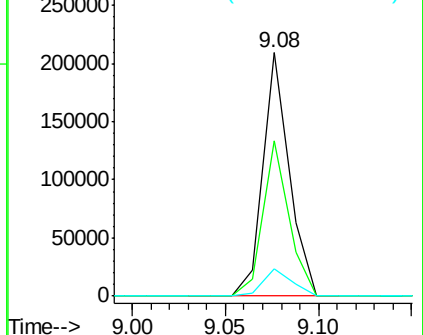
272 11.3 0.0 31.5



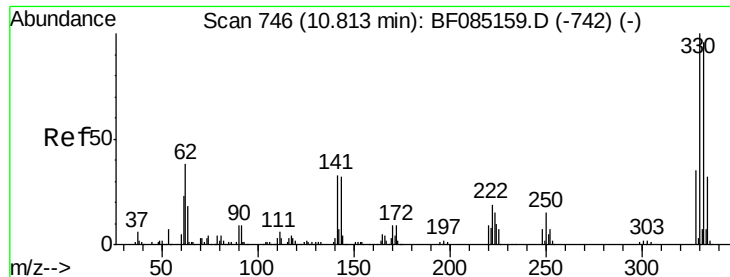
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







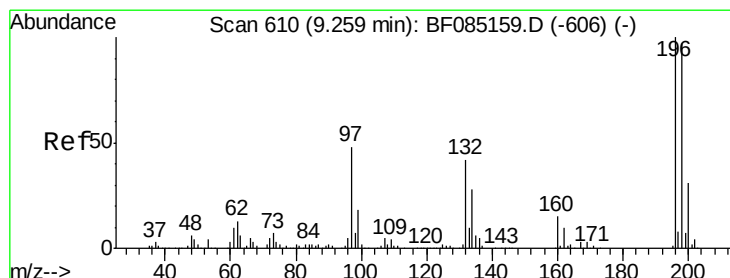
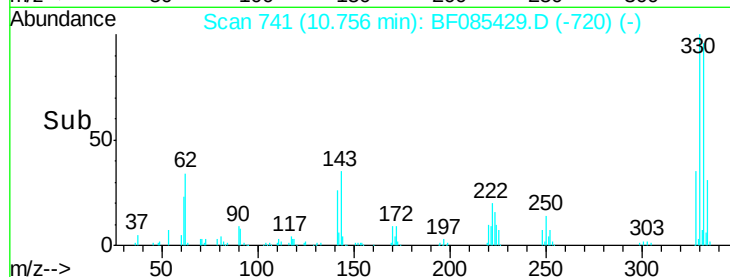
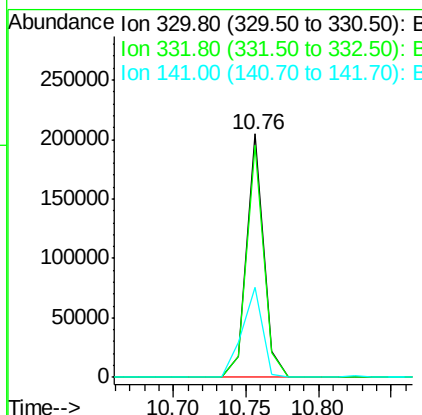
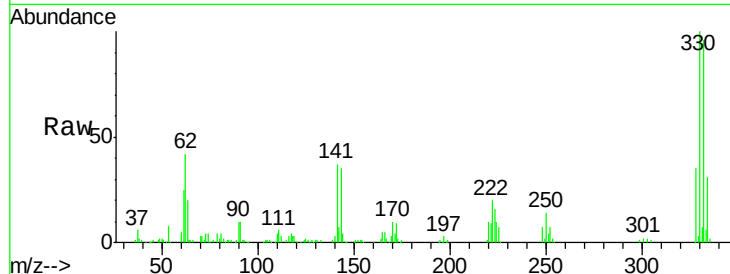
#41  
 2,4,6-Tribromophenol  
 Concen: 65.86 ng  
 RT: 10.76 min Scan# 741  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 168470 |       |       |
| 332     | 96.0  | 77.1   | 115.7 |       |
| 141     | 43.8  | 35.0   | 52.6  |       |

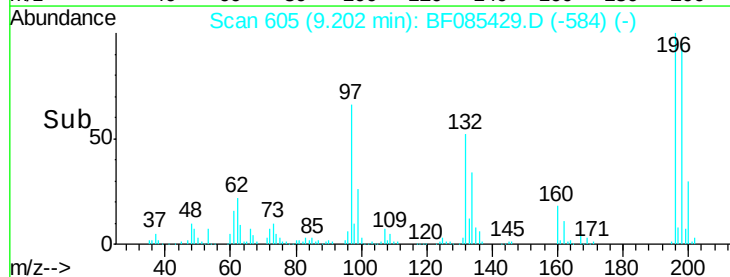
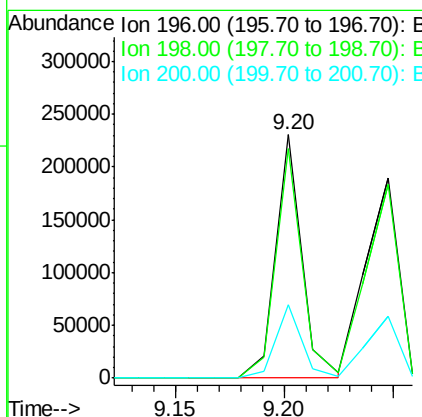
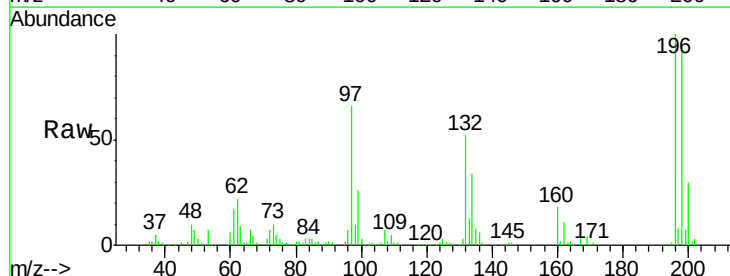
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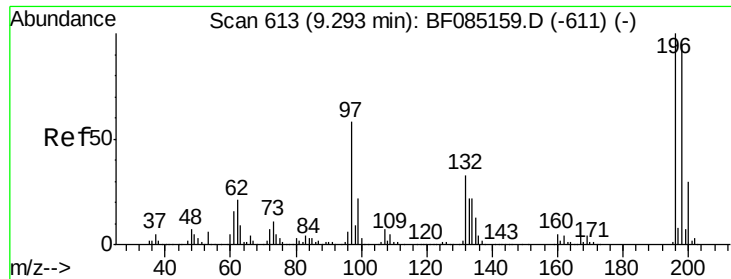
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#42  
 2,4,6-Trichlorophenol  
 Concen: 30.71 ng  
 RT: 9.20 min Scan# 605  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

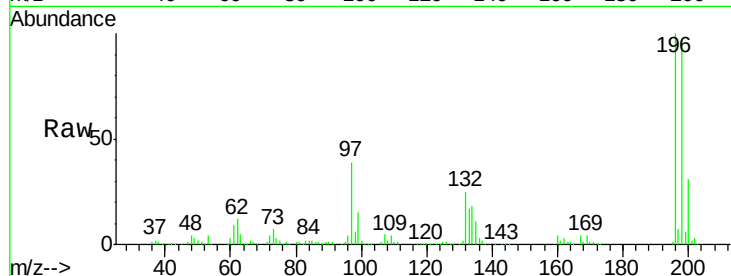
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 195465 |       |       |
| 198     | 94.5  | 77.8   | 116.6 |       |
| 200     | 30.3  | 25.0   | 37.6  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 33.29 ng  
 RT: 9.25 min Scan# 609  
 Delta R.T. -0.05 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

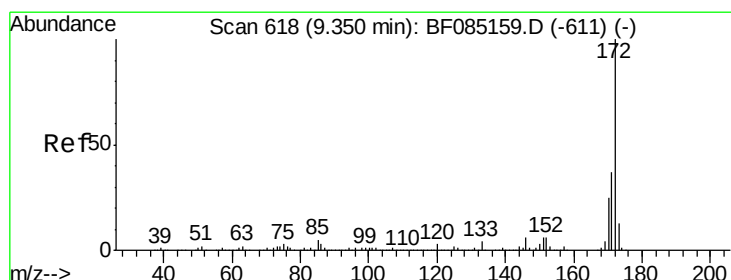
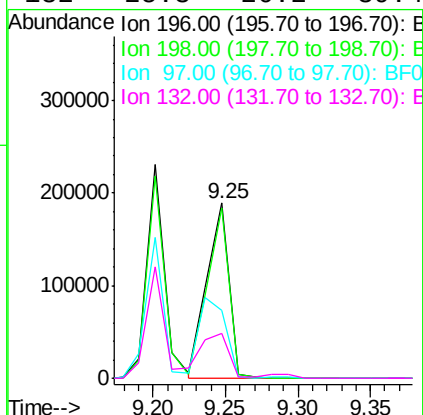
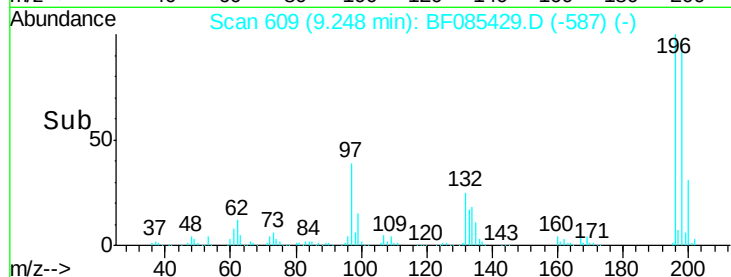
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS



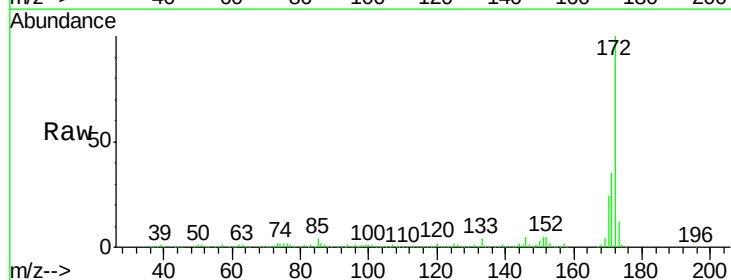
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 200896 |       |       |
| 198     | 97.3  | 75.7   | 113.5 |       |
| 97      | 38.8  | 46.4   | 69.6  | #     |
| 132     | 25.3  | 26.2   | 39.4  | #     |

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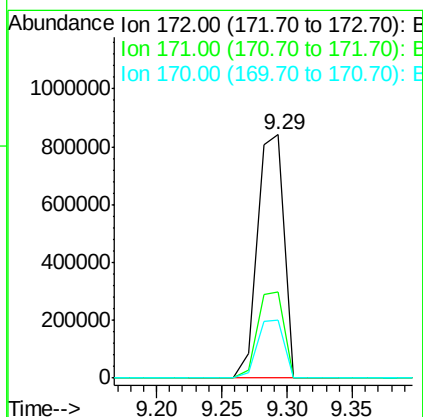
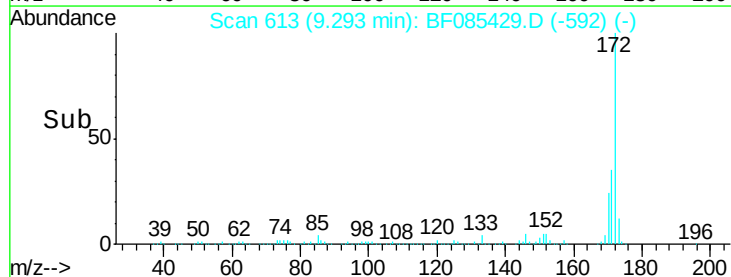
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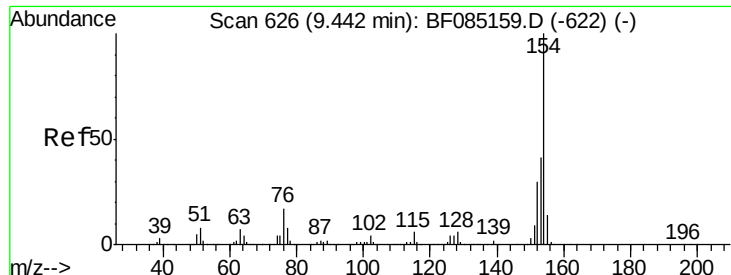


#44  
 2-Fluorobiphenyl  
 Concen: 60.61 ng  
 RT: 9.29 min Scan# 613  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22



| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1191407 |       |       |
| 171     | 35.2  | 29.3    | 43.9  |       |
| 170     | 23.8  | 20.0    | 30.0  |       |





#45

1,1'-Biphenyl

Concen: 28.23 ng

RT: 9.38 min Scan# 621

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

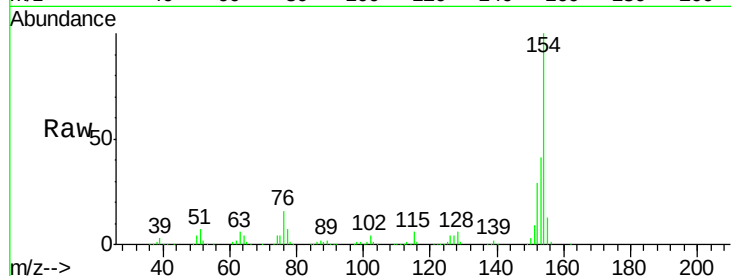
ClientSampleId :

PB88829BS

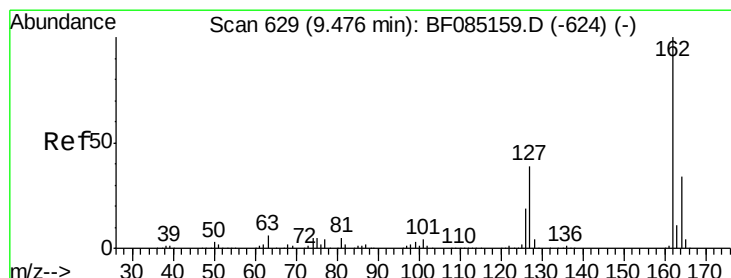
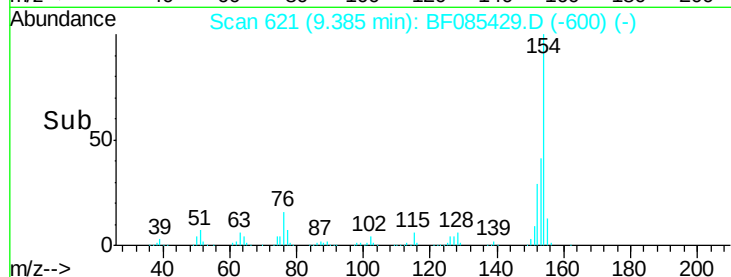
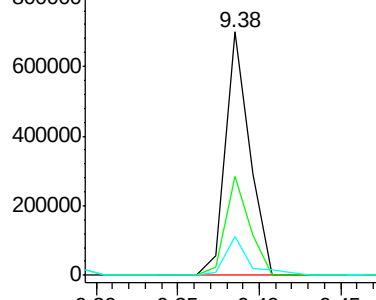
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 721058 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 21.4  | 61.4   |
| 76        | 15.7  | 0.0   | 37.5   |

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



#46

2-Chloronaphthalene

Concen: 29.75 ng

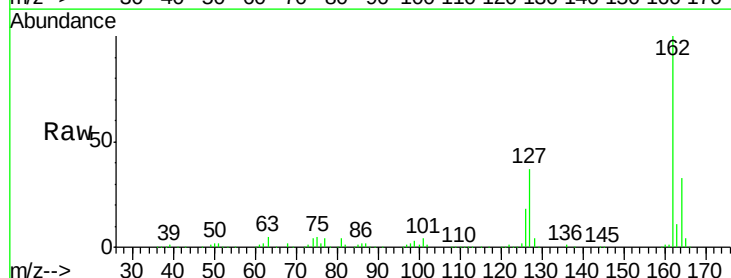
RT: 9.42 min Scan# 624

Delta R.T. -0.06 min

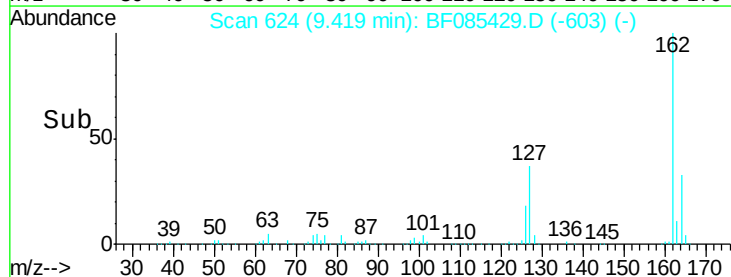
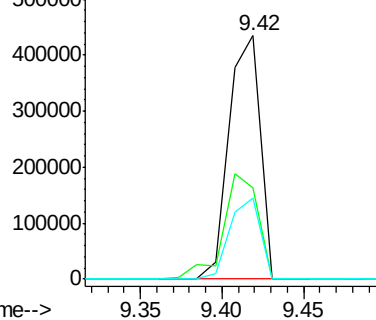
Lab File: BF085429.D

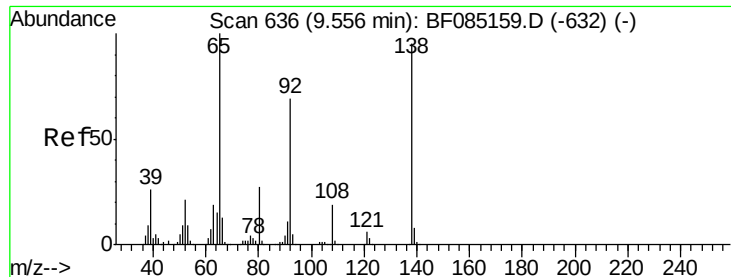
Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 579141 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.5  | 31.6  | 47.4   |
| 164       | 33.5  | 27.1  | 40.7   |



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





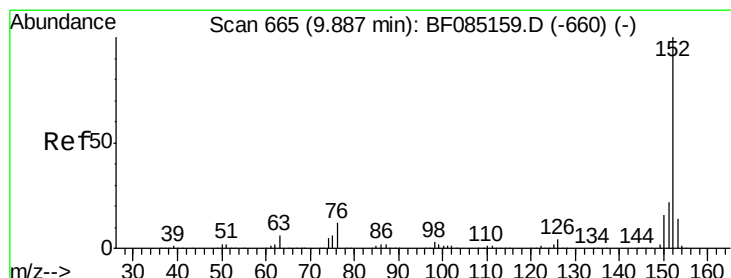
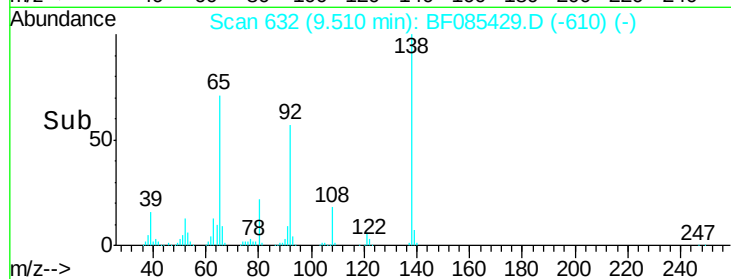
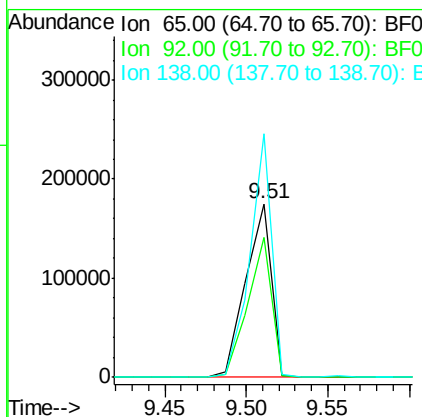
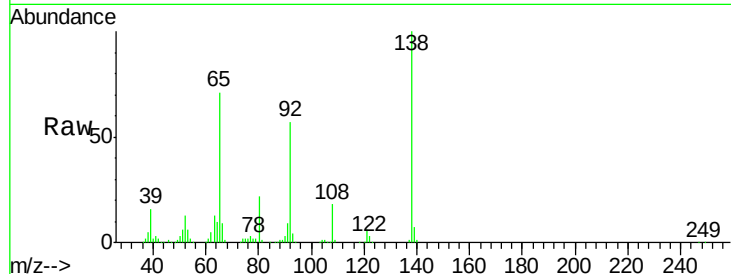
#47  
2-Nitroaniline  
Concen: 31.53 ng  
RT: 9.51 min Scan# 632  
Delta R.T. -0.05 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 80.2  | 55.4  | 83.2   |
| 138     | 140.2 | 75.7  | 113.5# |

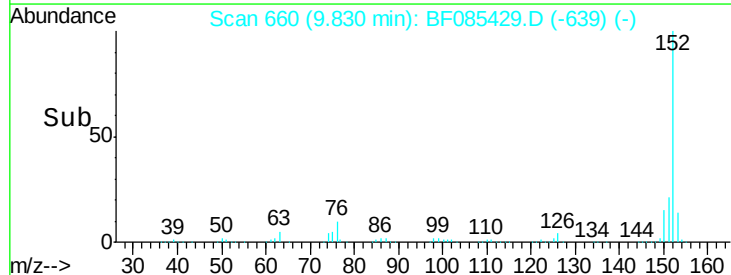
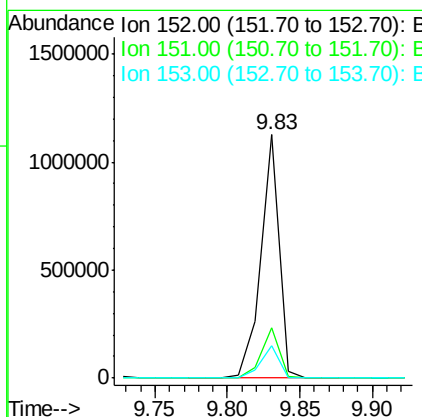
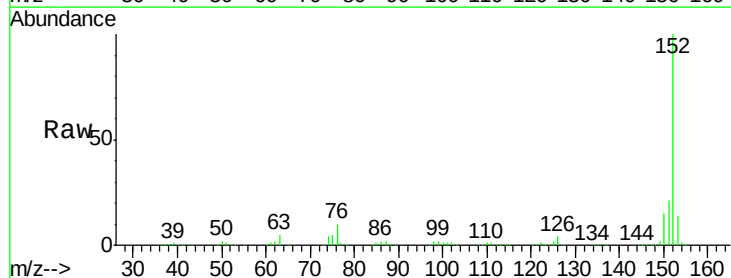
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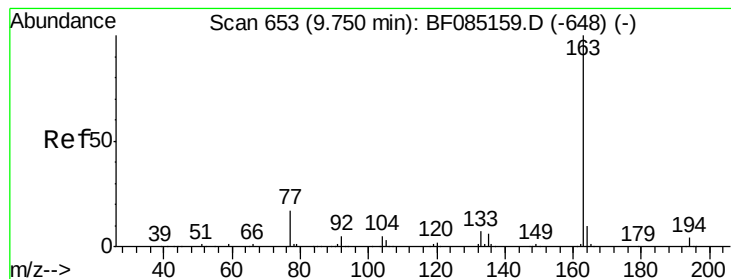
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#48  
Acenaphthylene  
Concen: 32.62 ng  
RT: 9.83 min Scan# 660  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 17.5  | 26.3  |
| 153     | 13.6  | 11.3  | 16.9  |





#49

Dimethylphthalate

Concen: 30.85 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085429.D

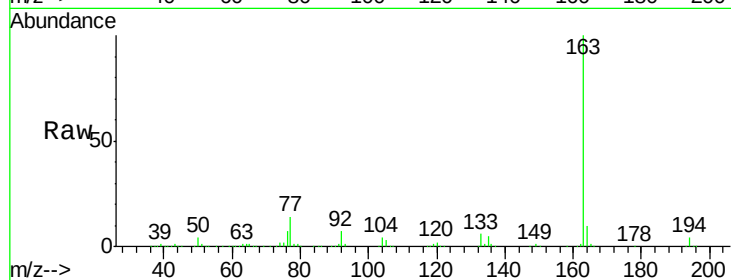
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

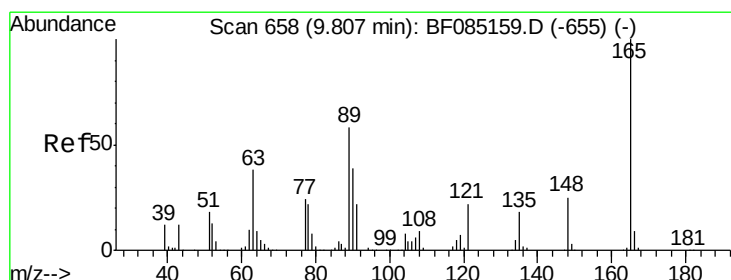
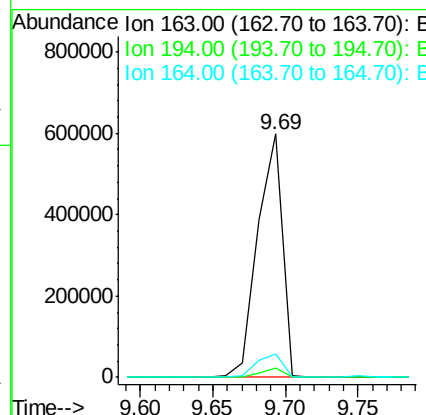
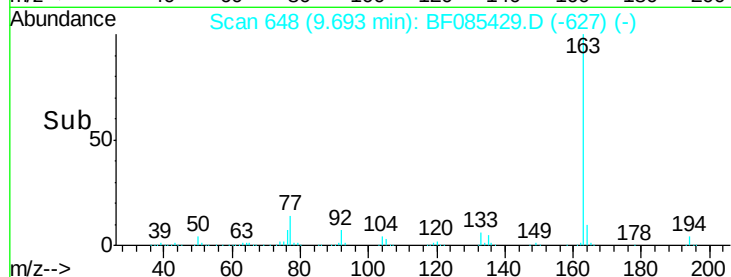
PB88829BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 707806 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.9   | 3.1   | 4.7    |
| 164       | 9.7   | 8.2   | 12.4   |

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#50

2,6-Dinitrotoluene

Concen: 32.13 ng

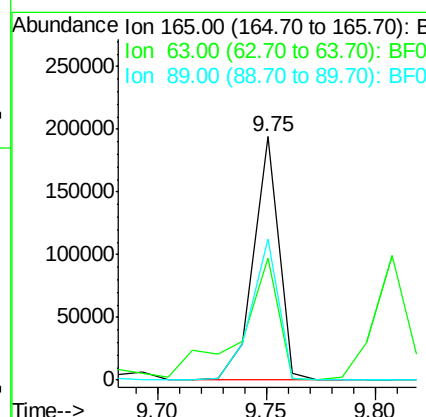
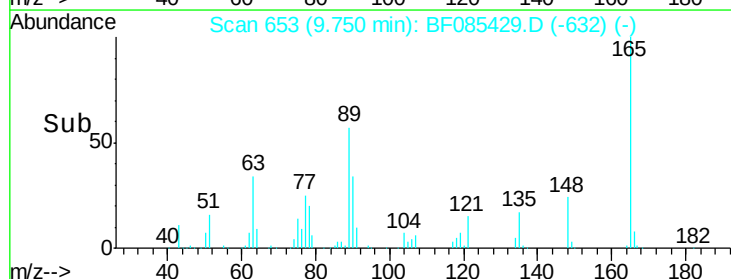
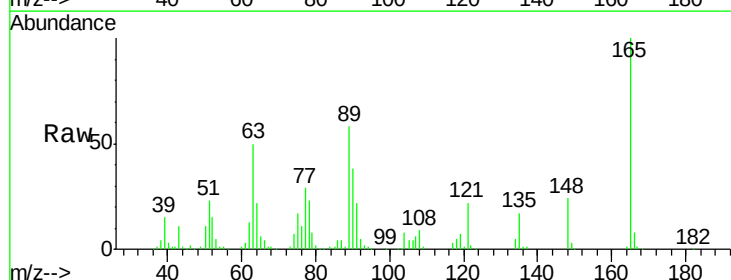
RT: 9.75 min Scan# 653

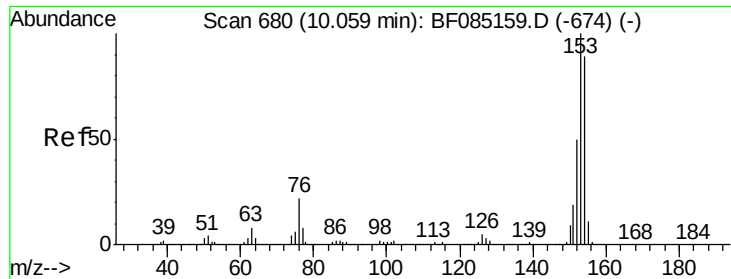
Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 157722 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.1  | 41.8  | 62.8   |
| 89        | 57.9  | 46.7  | 70.1   |





#51

Acenaphthene

Concen: 34.58 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085429.D

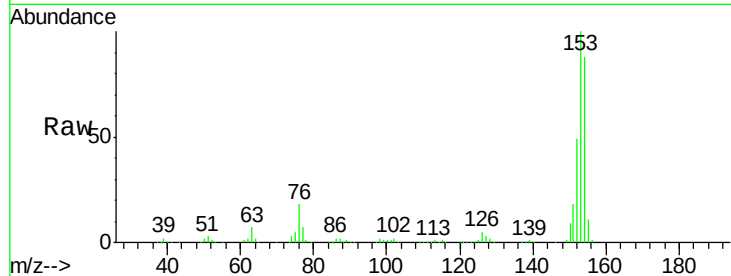
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

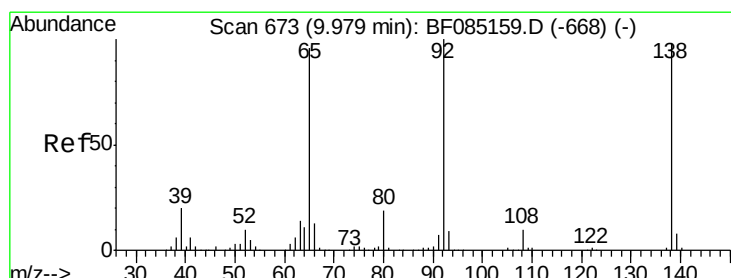
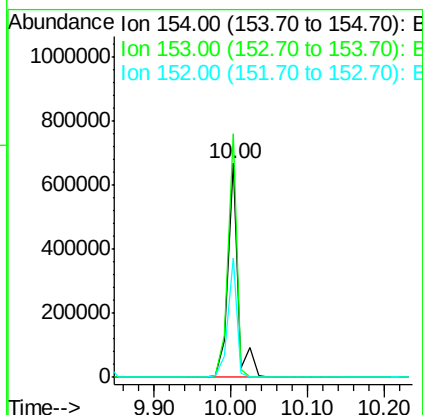
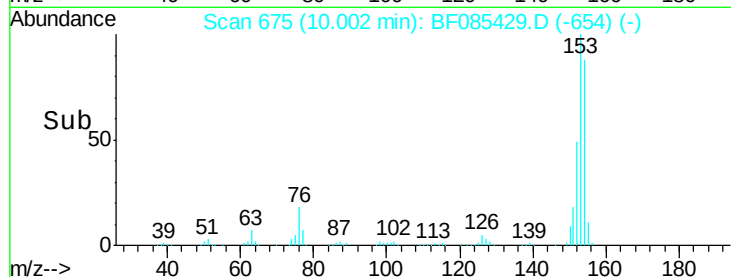
PB88829BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 636113 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 89.8  | 134.8  |
| 152       | 55.9  | 44.6  | 66.8   |

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#52

3-Nitroaniline

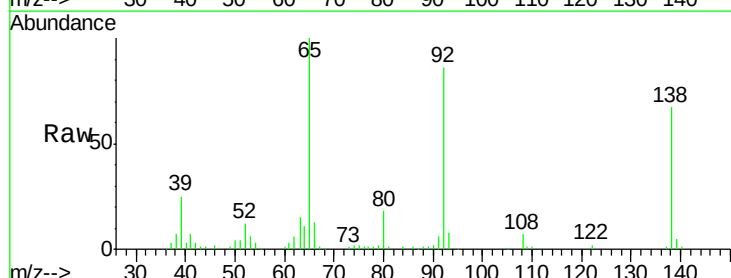
Concen: 12.63 ng

RT: 9.91 min Scan# 667

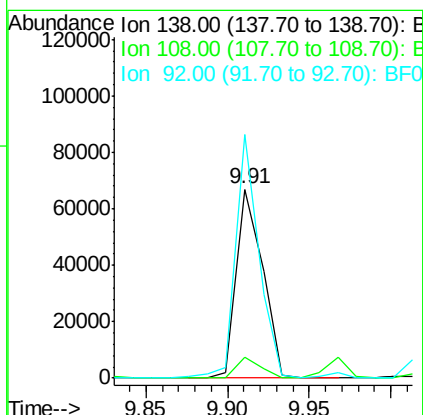
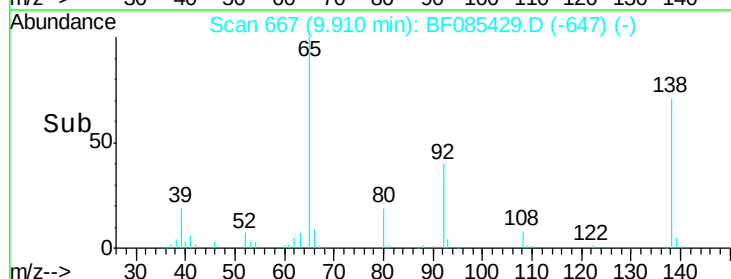
Delta R.T. -0.07 min

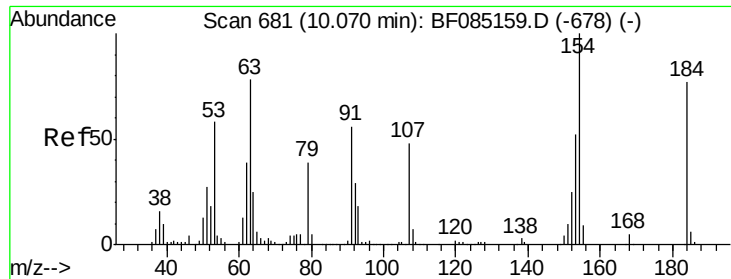
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 74189  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.8  | 7.8   | 11.6   |
| 92        | 129.0 | 81.3  | 121.9# |





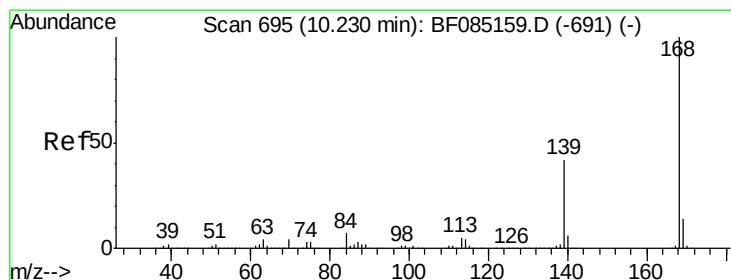
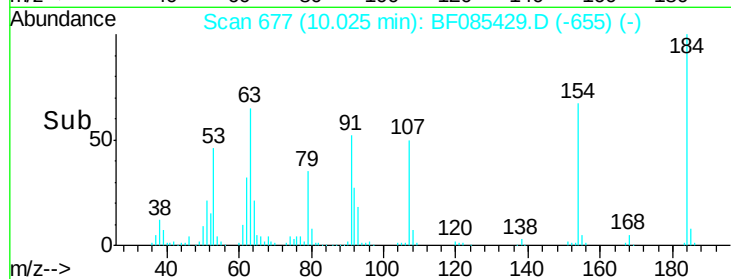
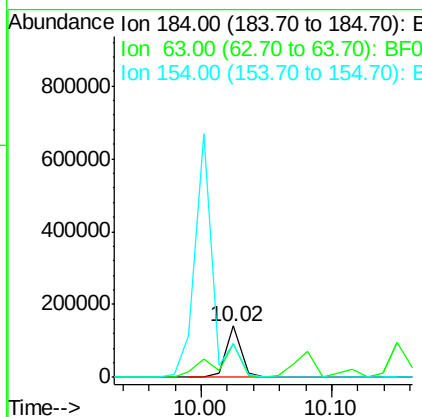
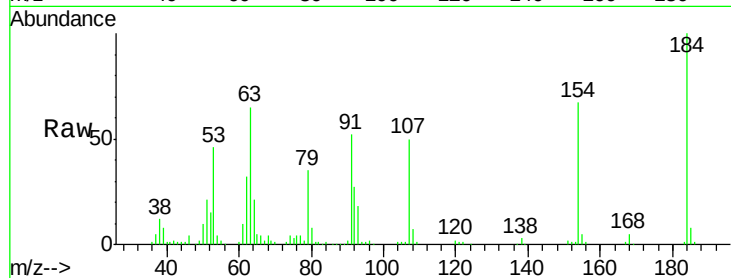
#53  
 2,4-Dinitrophenol  
 Concen: 49.51 ng  
 RT: 10.02 min Scan# 677  
 Delta R.T. -0.05 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 114864 |        |       |
| 63      | 65.2  | 82.2   | 123.4# |       |
| 154     | 66.7  | 108.9  | 163.3# |       |

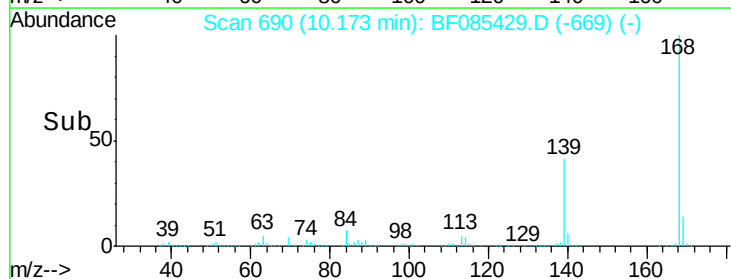
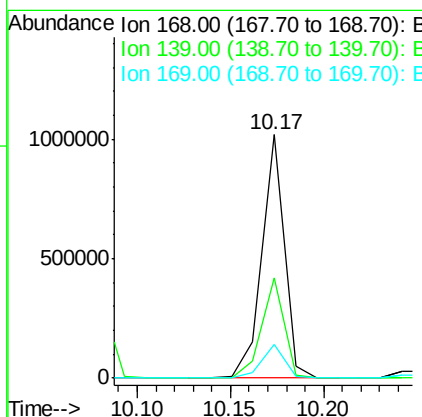
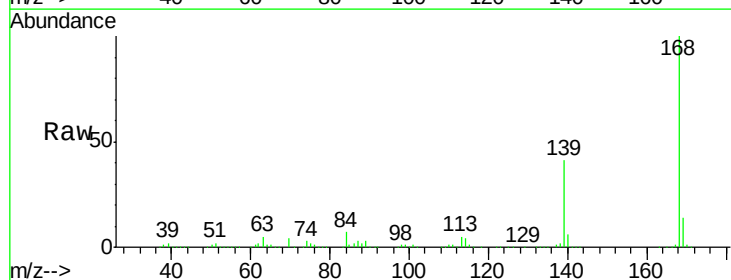
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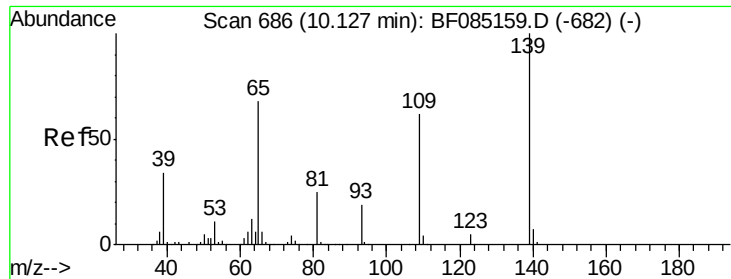
Sohil  
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#54  
 Dibenzofuran  
 Concen: 34.95 ng  
 RT: 10.17 min Scan# 690  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 842391 |       |       |
| 139     | 41.2  | 33.6   | 50.4  |       |
| 169     | 13.6  | 11.2   | 16.8  |       |





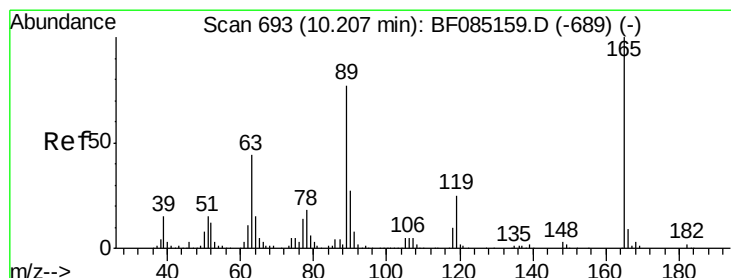
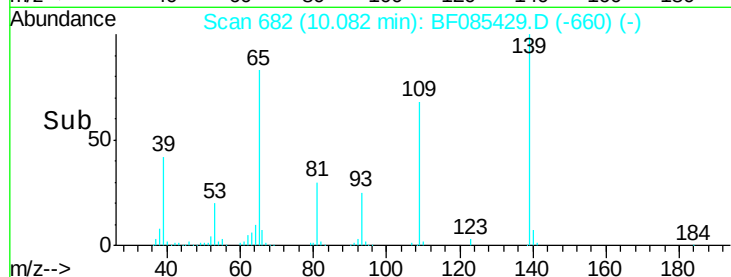
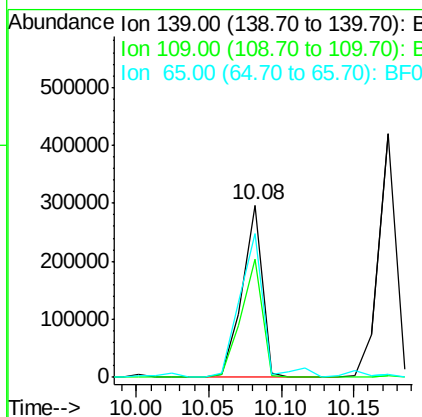
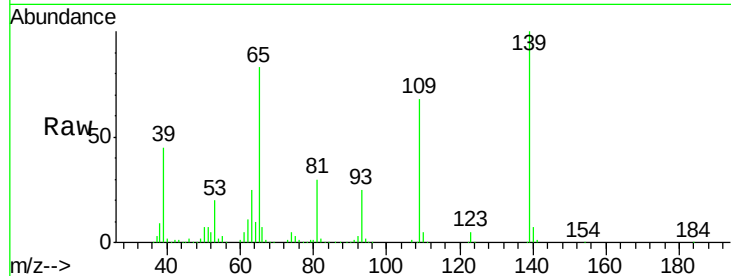
#55  
4-Nitrophenol  
Concen: 62.60 ng  
RT: 10.08 min Scan# 682  
Delta R.T. -0.05 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 288941 |       |       |
| 109     | 68.4  | 41.9   | 81.9  |       |
| 65      | 83.3  | 48.3   | 88.3  |       |

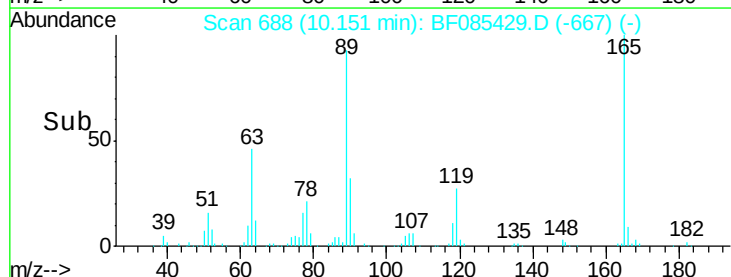
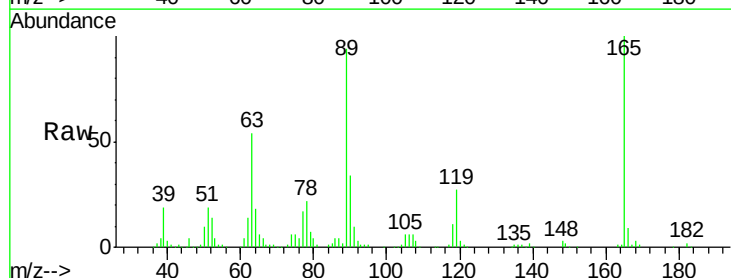
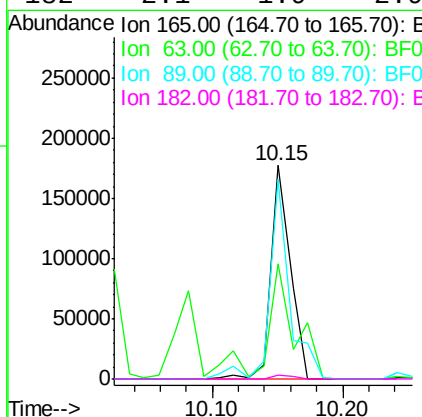
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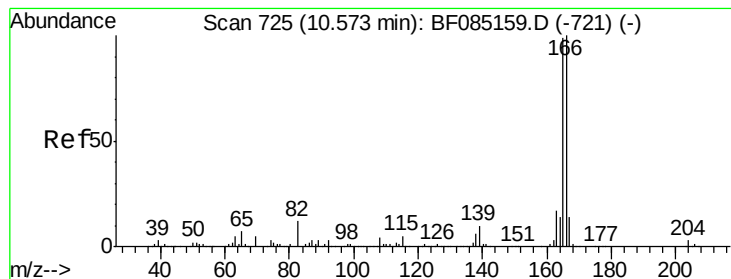


#56  
2,4-Dinitrotoluene  
Concen: 29.34 ng  
RT: 10.15 min Scan# 688  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 184344 |       |       |
| 63      | 54.2  | 35.4   | 53.0# |       |
| 89      | 93.6  | 61.9   | 92.9# |       |
| 182     | 2.1   | 1.9    | 2.9   |       |







#57

Fluorene

Concen: 34.32 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

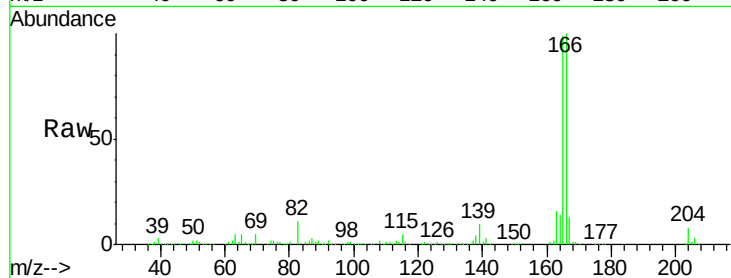
ClientSampleId :

PB8829BS

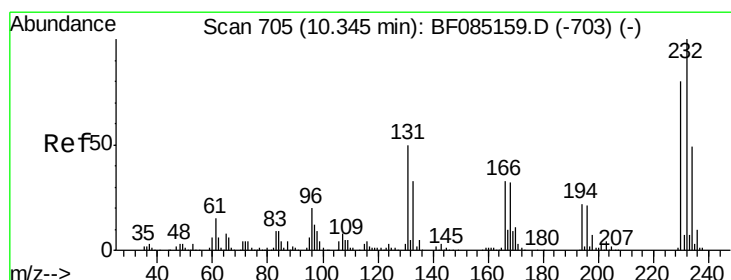
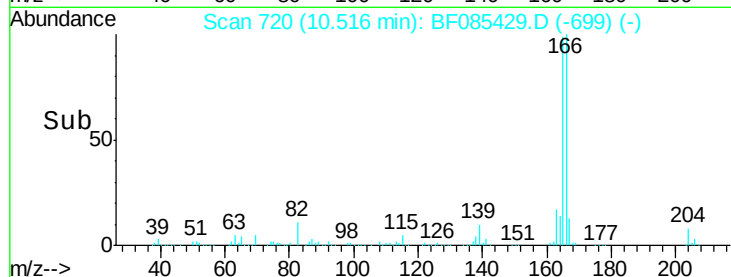
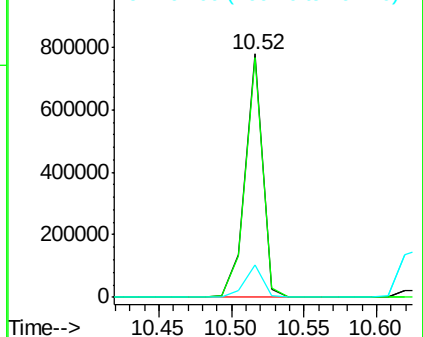
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 649752 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.6  | 79.4  | 119.0  |
| 167       | 13.3  | 11.0  | 16.6   |

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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.95 ng

RT: 10.29 min Scan# 700

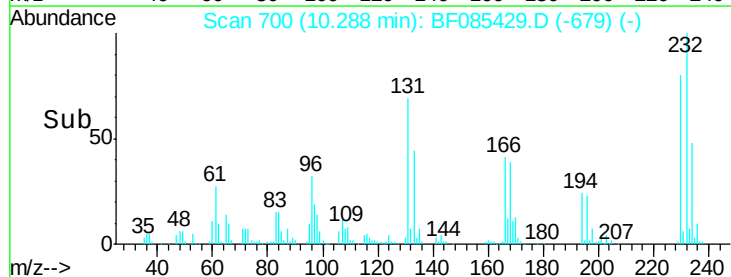
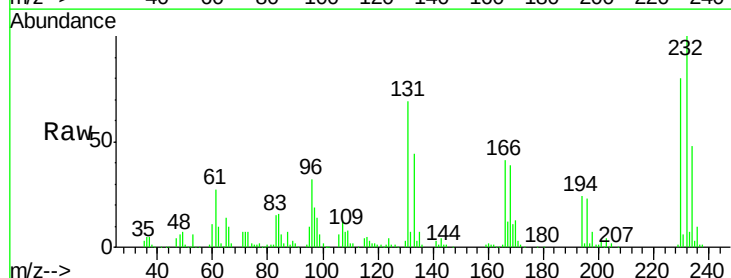
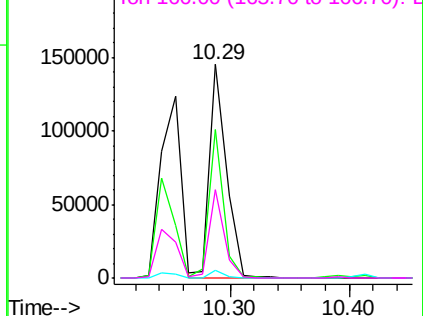
Delta R.T. -0.06 min

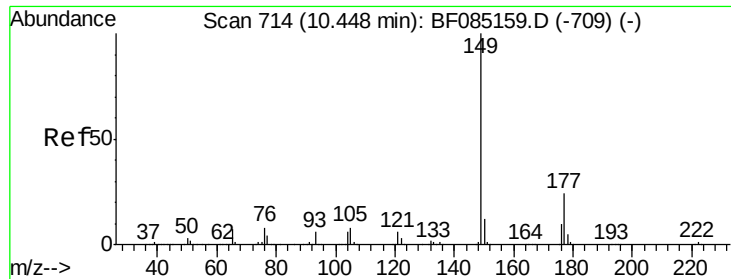
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 143920 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 58.8  | 46.0  | 69.0   |
| 130       | 2.8   | 2.2   | 3.4    |
| 166       | 35.9  | 28.8  | 43.2   |

Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





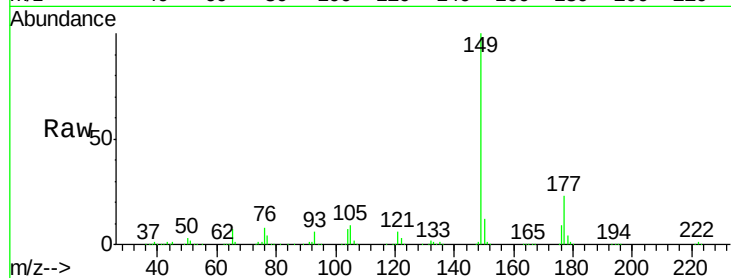
#59  
Diethylphthalate  
Concen: 32.58 ng  
RT: 10.39 min Scan# 709  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

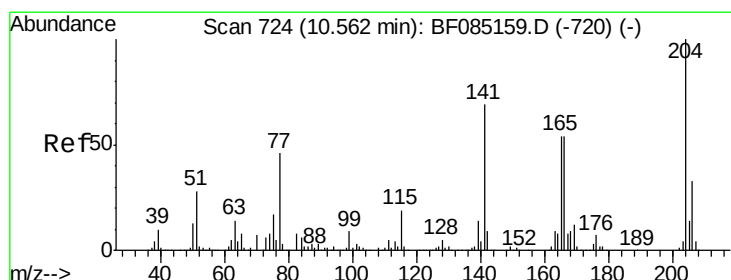
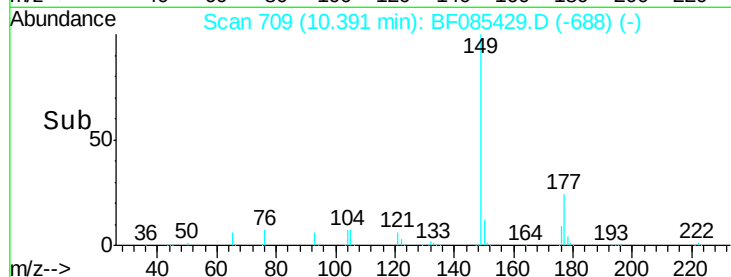
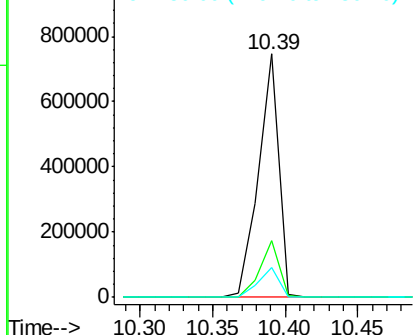
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 23.5  | 19.2       | 28.8       |
| 150     | 12.4  | 9.9        | 14.9       |

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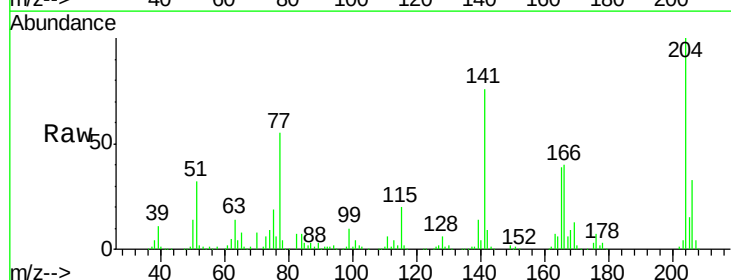


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

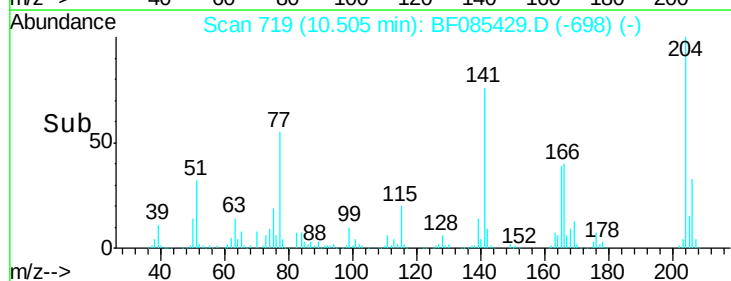
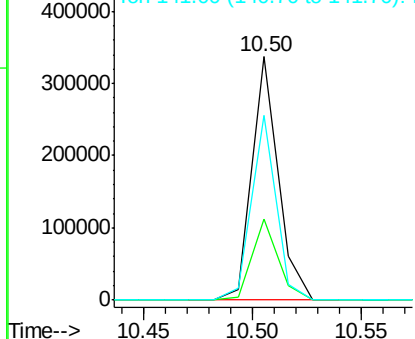


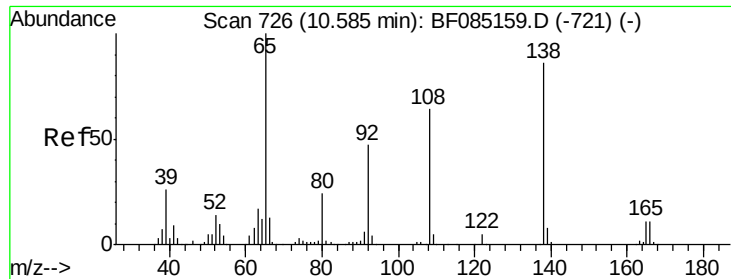
#60  
4-Chlorophenyl-phenylether  
Concen: 30.74 ng  
RT: 10.50 min Scan# 719  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 33.1  | 26.5       | 39.7       |
| 141     | 75.8  | 55.4       | 83.2       |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





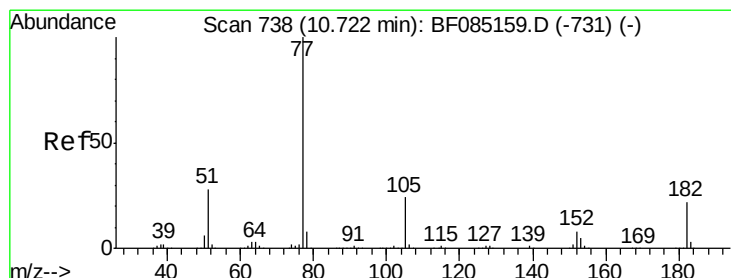
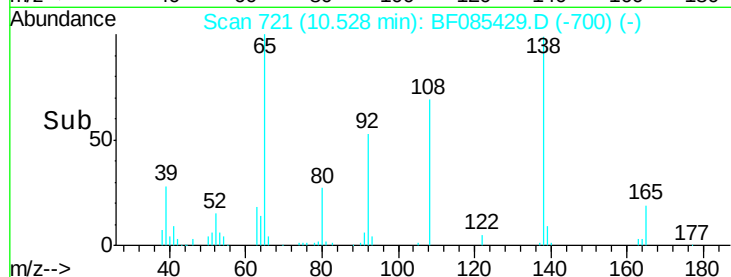
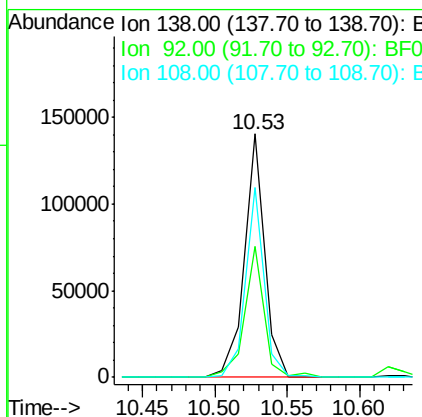
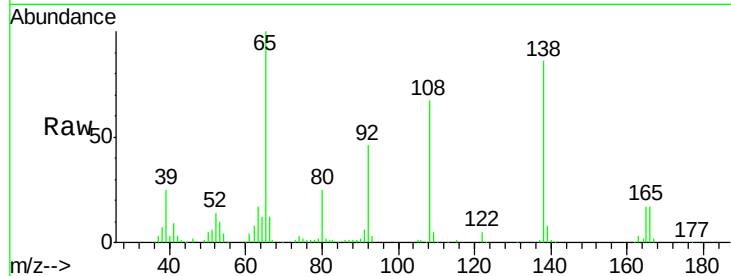
#61  
4-Nitroaniline  
Concen: 24.87 ng  
RT: 10.53 min Scan# 721  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 136598 |       |       |
| 92      | 53.9  | 34.2   | 74.2  |       |
| 108     | 78.1  | 53.9   | 93.9  |       |

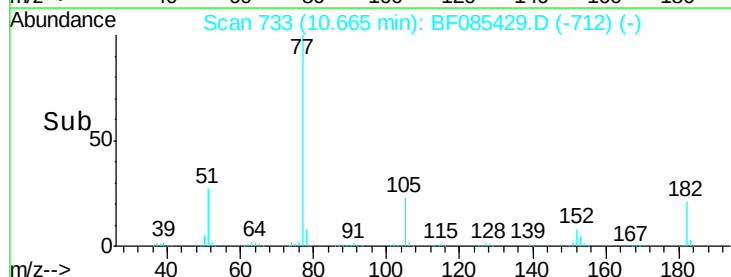
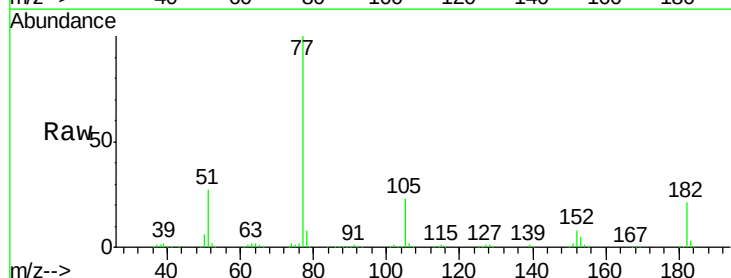
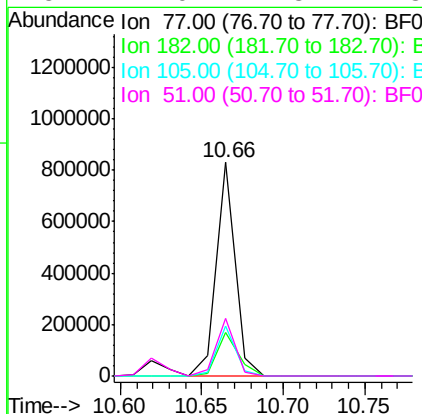
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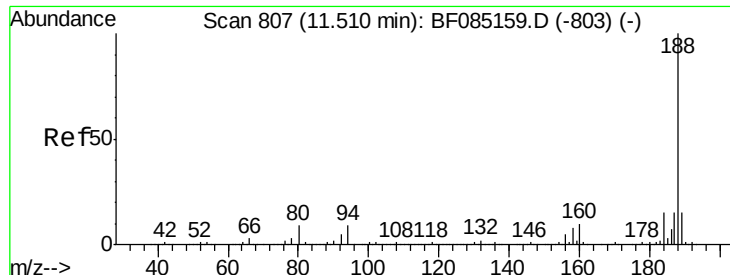
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#62  
Azobenzene  
Concen: 30.77 ng  
RT: 10.66 min Scan# 733  
Delta R.T. -0.06 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 674908 |       |       |
| 182     | 20.6  | 2.1    | 42.1  |       |
| 105     | 23.4  | 3.8    | 43.8  |       |
| 51      | 27.0  | 7.8    | 47.8  |       |





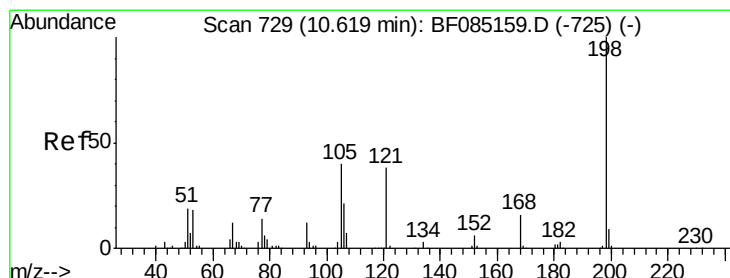
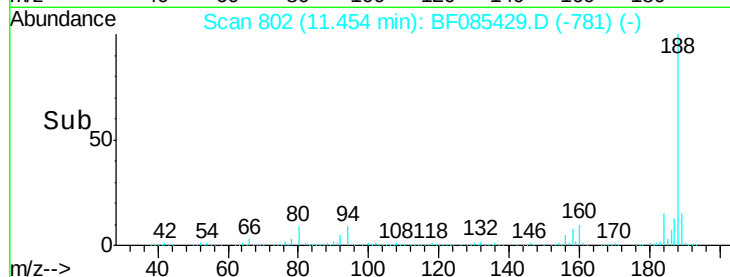
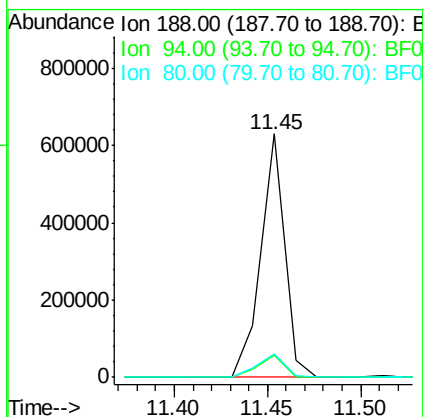
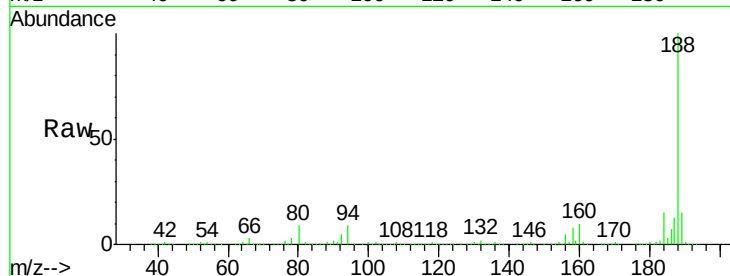
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.45 min Scan# 802  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.2   | 7.0        | 10.6       |
| 80      | 9.4   | 7.4        | 11.0       |

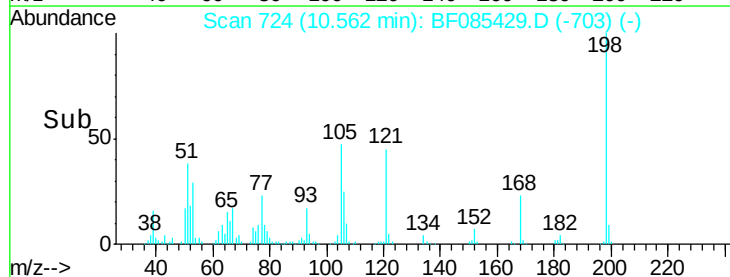
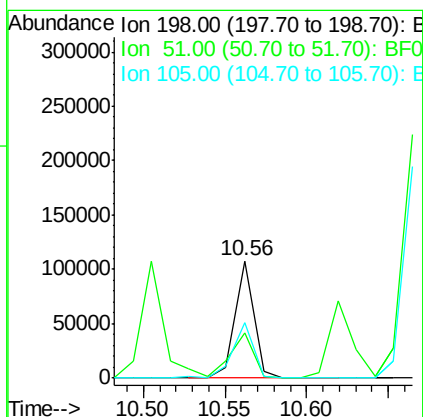
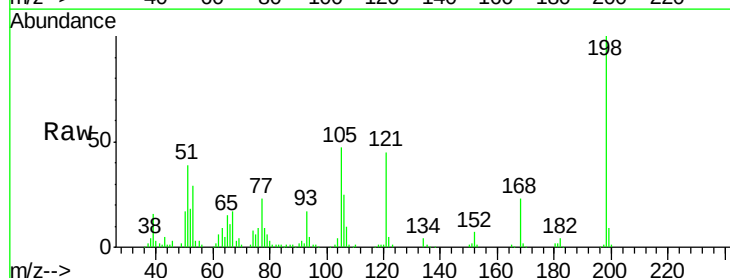
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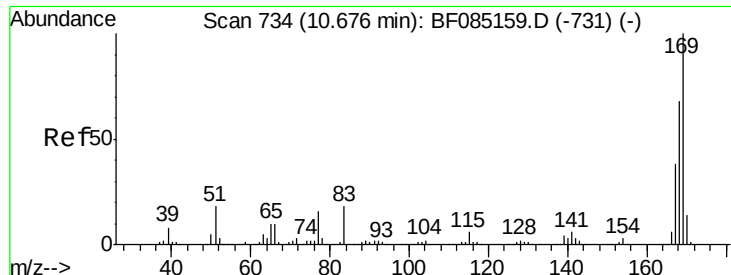
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 3/15/2016 2:09:08 PM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 25.63 ng  
 RT: 10.56 min Scan# 724  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 38.9  | 9.5        | 49.5       |
| 105     | 47.0  | 20.5       | 60.5       |





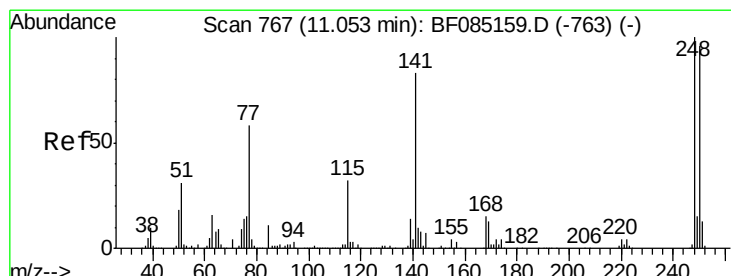
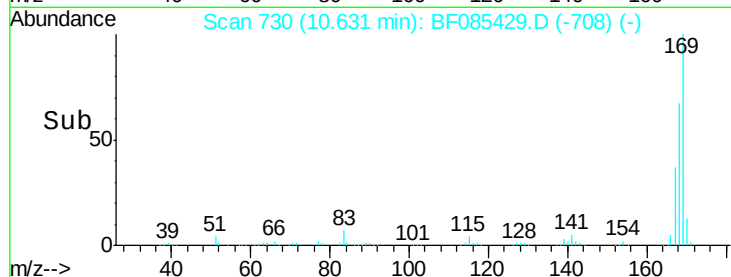
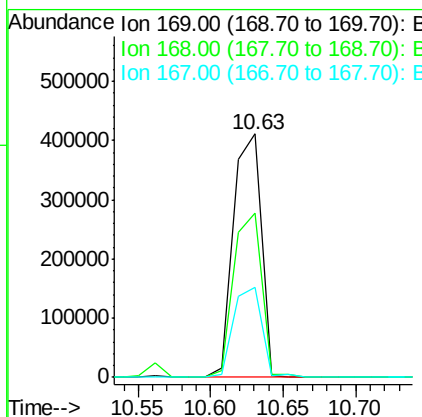
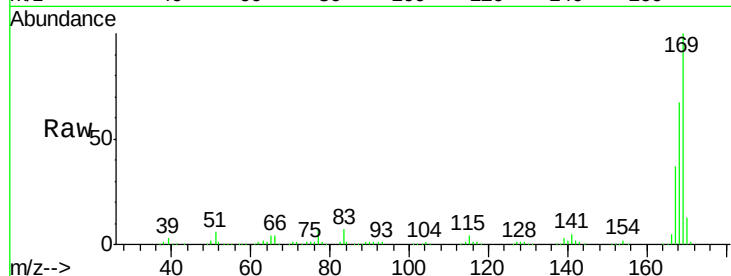
#65  
 n-Nitrosodiphenylamine  
 Concen: 31.67 ng  
 RT: 10.63 min Scan# 730  
 Delta R.T. -0.05 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 549013 |       |       |
| 168     | 67.5  | 54.8   | 82.2  |       |
| 167     | 37.2  | 30.3   | 45.5  |       |

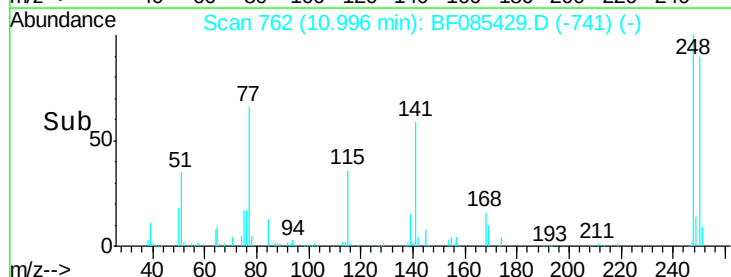
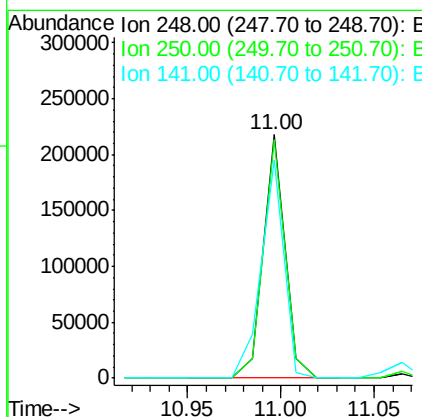
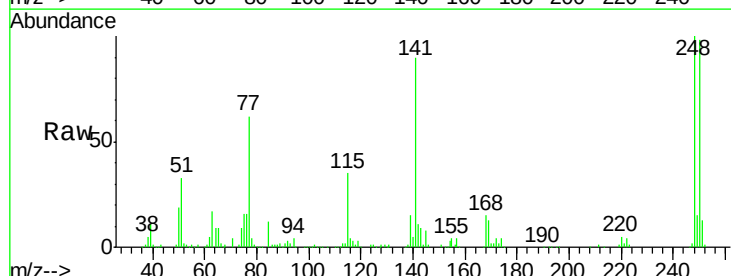
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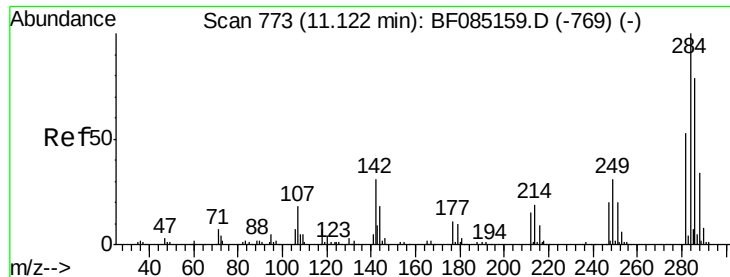
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#66  
 4-Bromophenyl-phenylether  
 Concen: 32.10 ng  
 RT: 11.00 min Scan# 762  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 173745 |       |       |
| 250     | 97.8  | 77.1   | 115.7 |       |
| 141     | 89.7  | 66.2   | 99.2  |       |





#67

Hexachlorobenzene

Concen: 31.10 ng

RT: 11.06 min Scan# 768

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

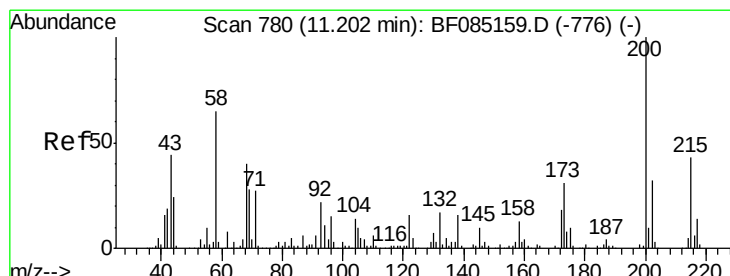
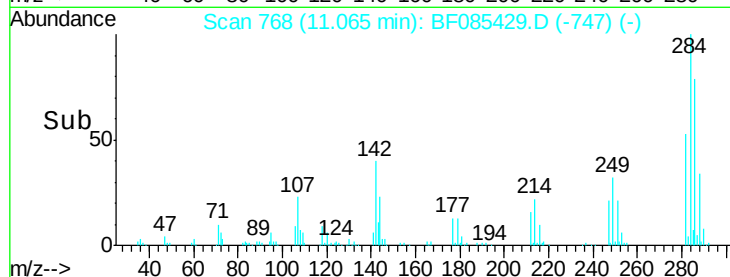
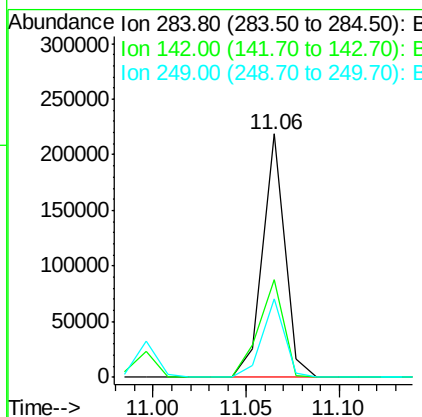
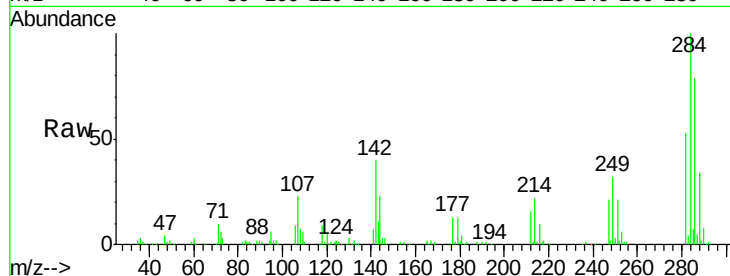
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 179533 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 39.9  | 24.9  | 37.3#  |
| 249       | 32.5  | 25.0  | 37.4   |

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#68

Atrazine

Concen: 41.79 ng

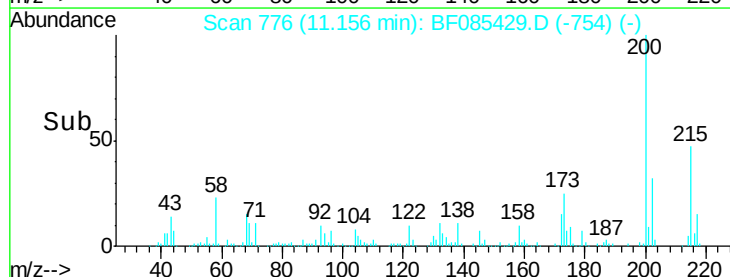
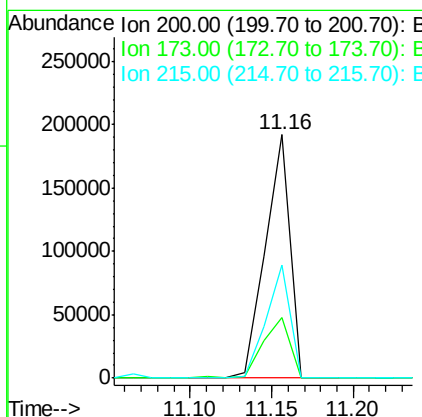
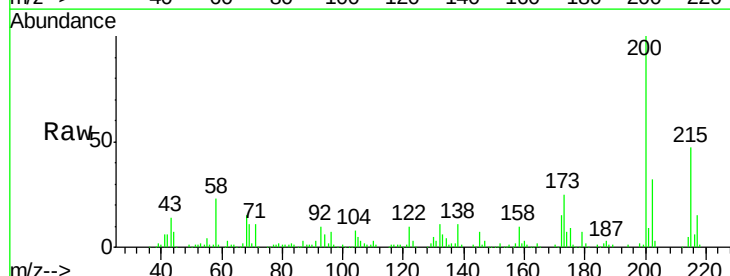
RT: 11.16 min Scan# 776

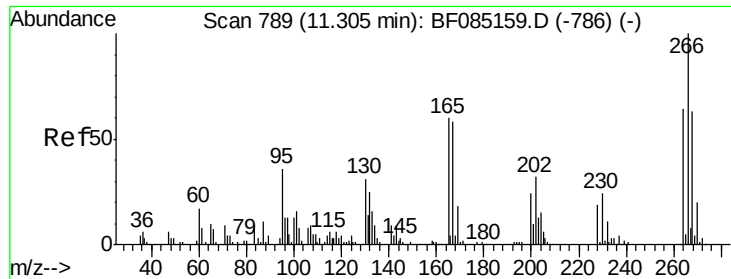
Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 201477 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.1  | 10.5  | 50.5   |
| 215       | 46.5  | 23.4  | 63.4   |





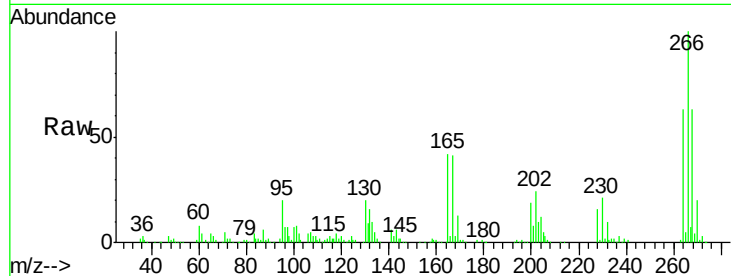
#69  
 Pentachlorophenol  
 Concen: 63.38 ng  
 RT: 11.26 min Scan# 785  
 Delta R.T. -0.05 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 203124 |       |       |
| 268     | 62.7  | 50.0   | 75.0  |       |
| 264     | 62.6  | 51.4   | 77.2  |       |

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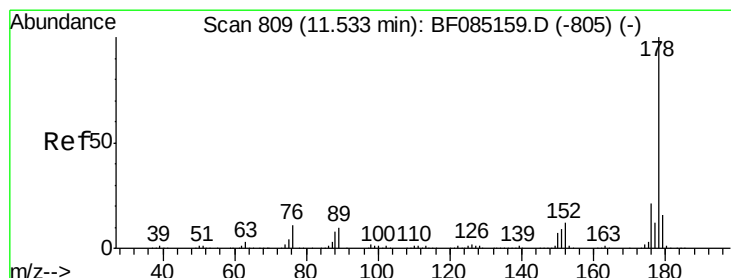
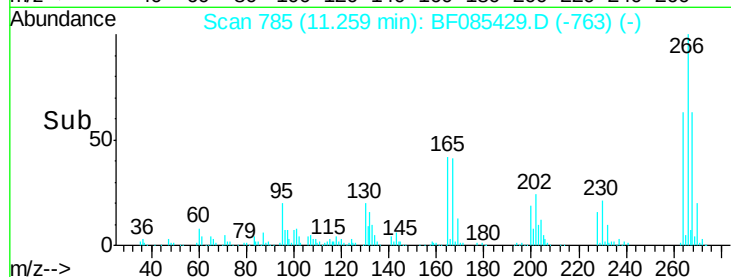
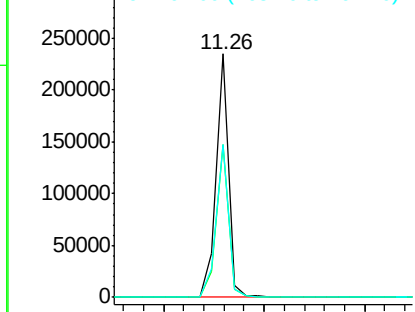


Abundance

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: 30.67 ng  
 RT: 11.48 min Scan# 804  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

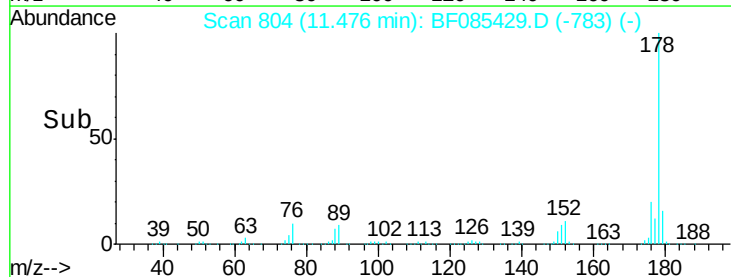
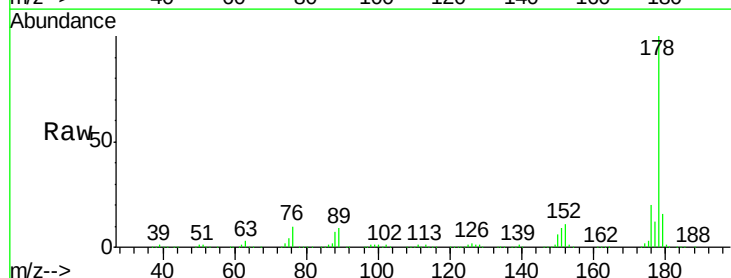
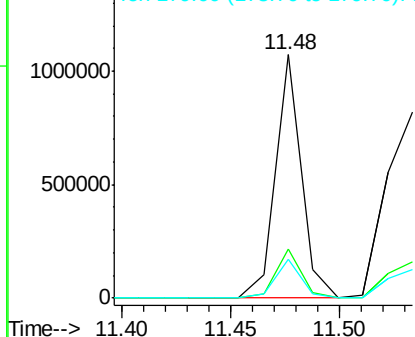
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 895825 |       |       |
| 176     | 20.1  | 16.8   | 25.2  |       |
| 179     | 16.1  | 13.1   | 19.7  |       |

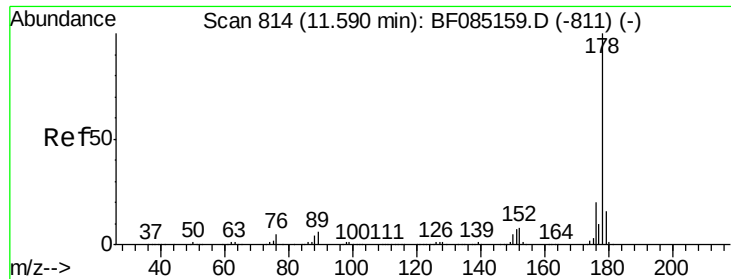
Abundance

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





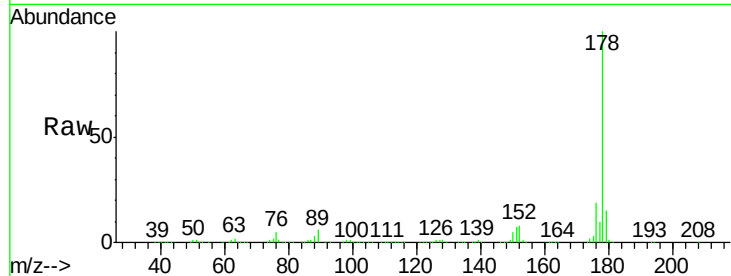
#71  
 Anthracene  
 Concen: 30.87 ng  
 RT: 11.53 min Scan# 809  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

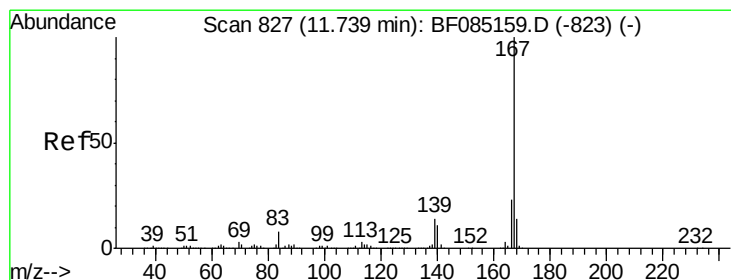
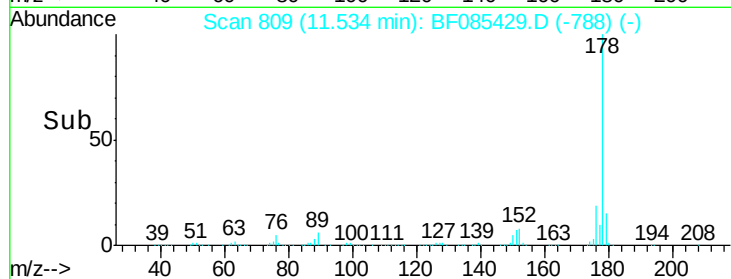
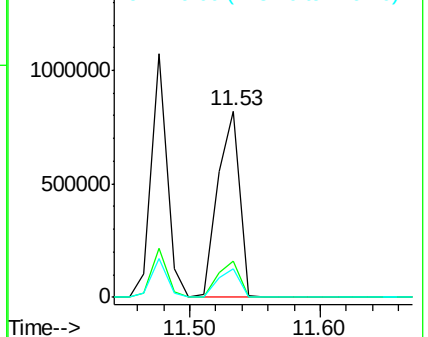
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.9  | 23.9  |
| 179     | 15.3  | 12.5  | 18.7  |

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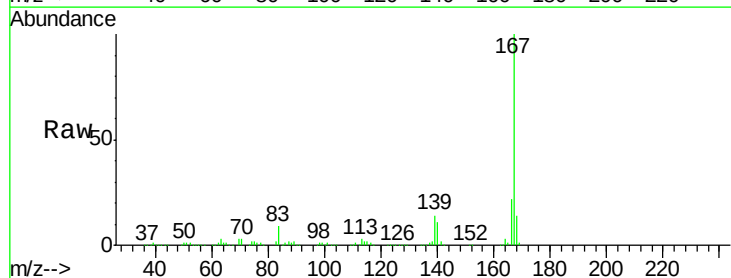


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

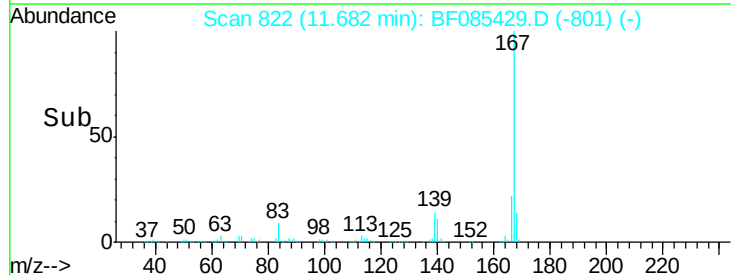
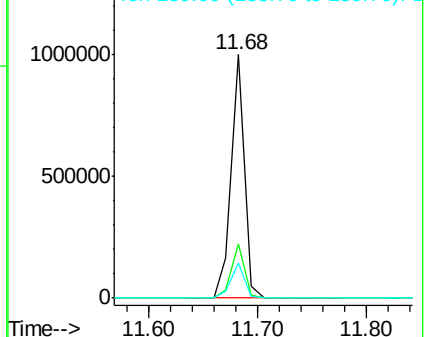


#72  
 Carbazole  
 Concen: 30.77 ng  
 RT: 11.68 min Scan# 822  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

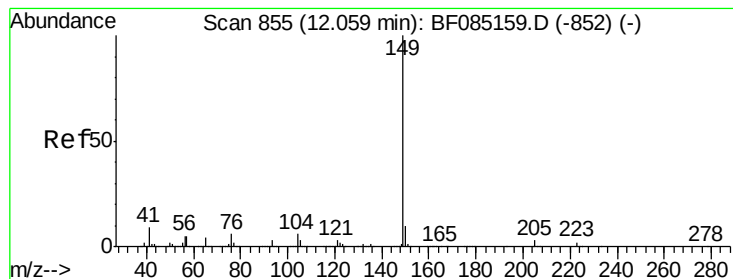
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.2  | 27.2  |
| 139     | 14.5  | 11.4  | 17.0  |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 32.24 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

PB88829BS

Tgt Ion:149 Resp: 1108159

Ion Ratio Lower Upper

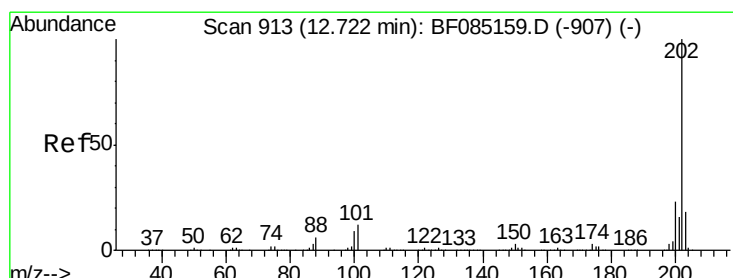
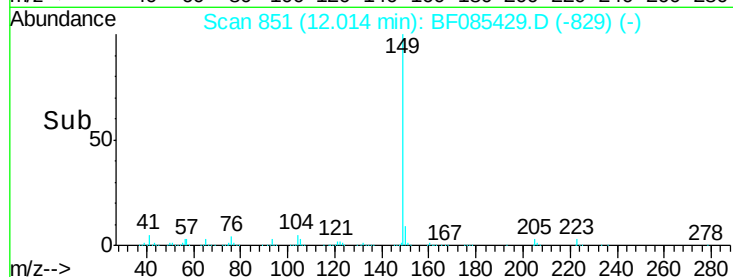
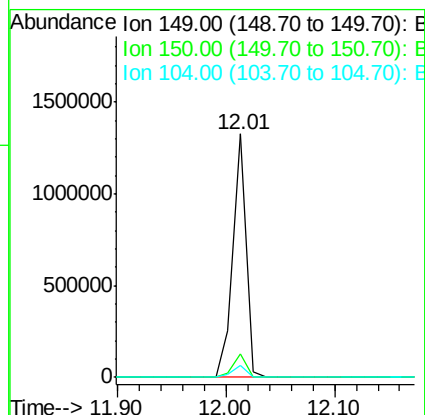
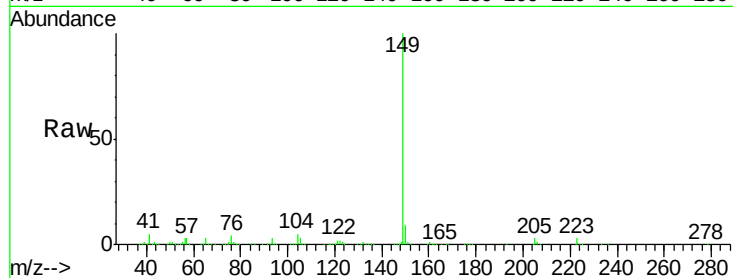
149 100

150 9.4 7.8 11.6

104 4.8 4.7 7.1

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#74

Fluoranthene

Concen: 29.15 ng

RT: 12.67 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

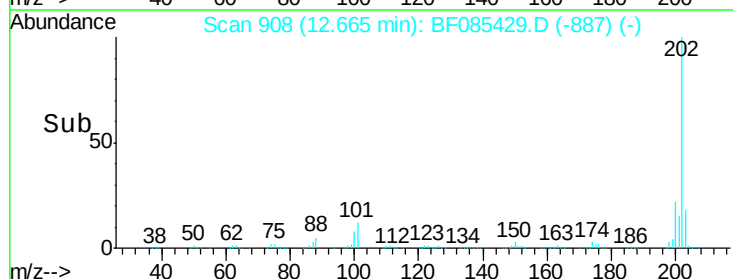
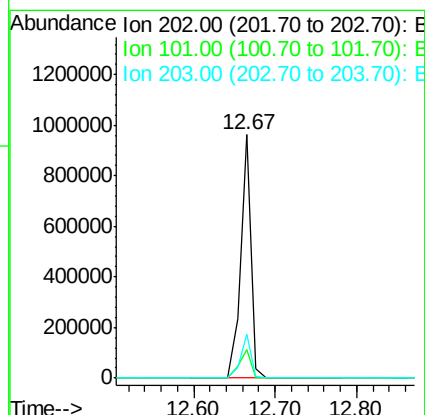
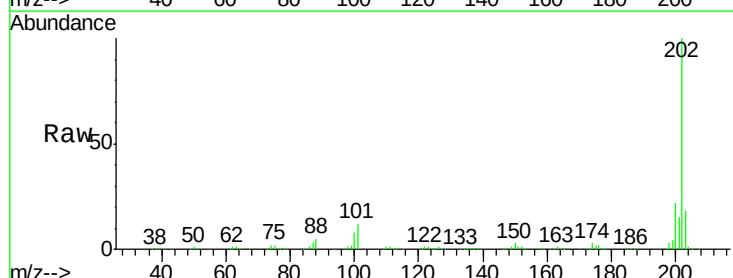
Tgt Ion:202 Resp: 854439

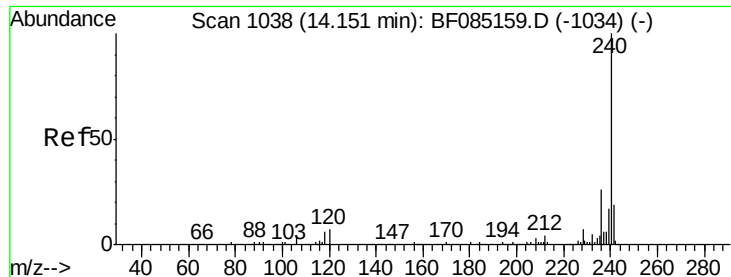
Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

203 17.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

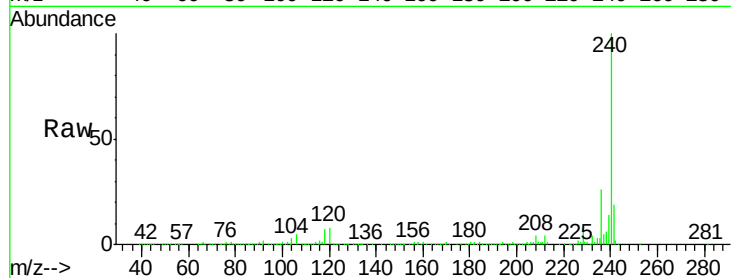
ClientSampleId :

PB88829BS

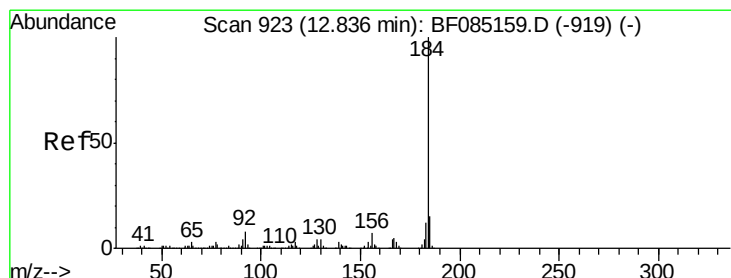
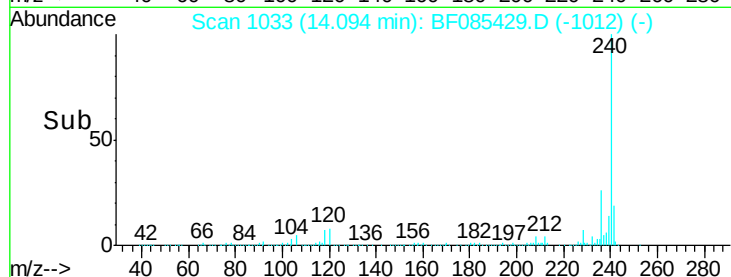
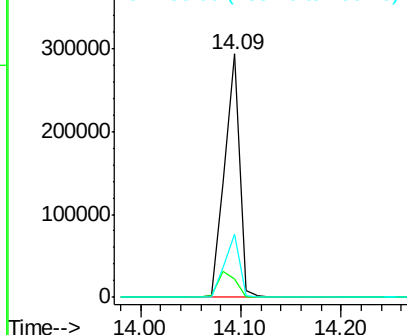
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 306158 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.8   | 5.3   | 7.9    |
| 236       | 26.1  | 20.7  | 31.1   |

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



#76

Benzidine

Concen: 25.71 ng

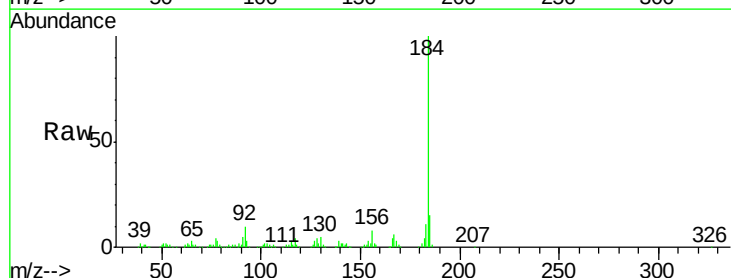
RT: 12.78 min Scan# 918

Delta R.T. -0.06 min

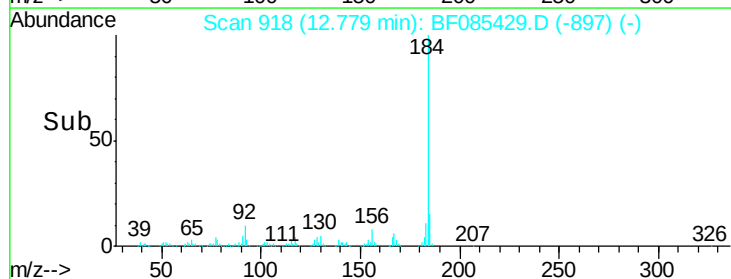
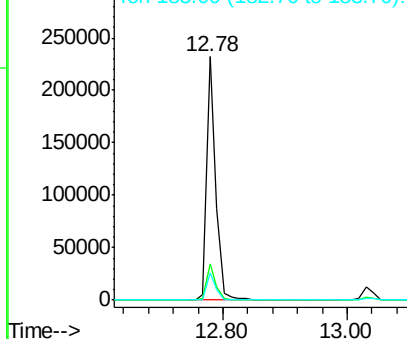
Lab File: BF085429.D

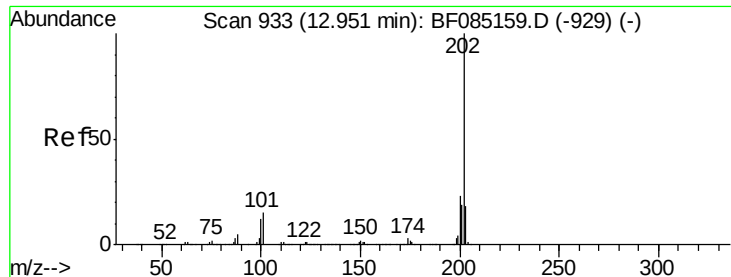
Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 234283 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.4  | 18.6   |
| 183       | 11.0  | 9.4   | 14.2   |



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





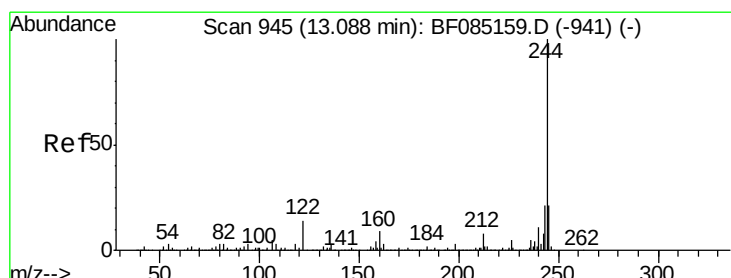
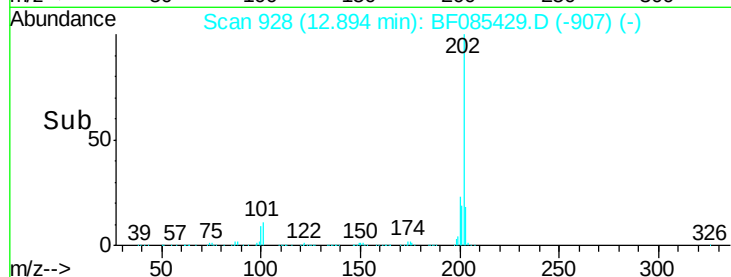
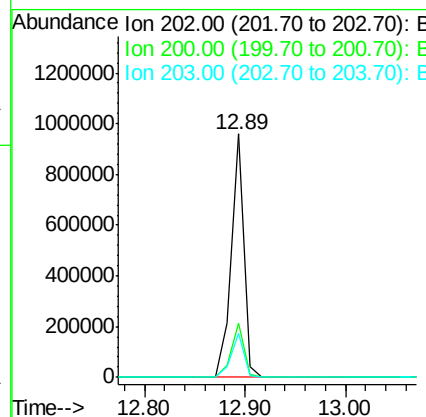
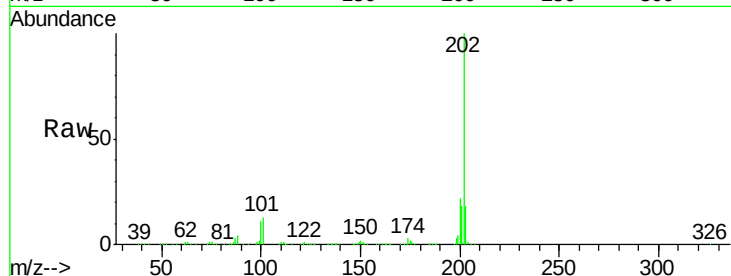
#77  
 Pyrene  
 Concen: 36.49 ng  
 RT: 12.89 min Scan# 928  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 22.4  | 18.2 | 27.4  |       |
| 203     | 17.9  | 14.7 | 22.1  |       |

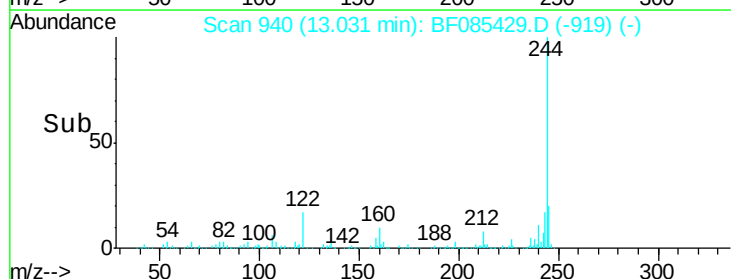
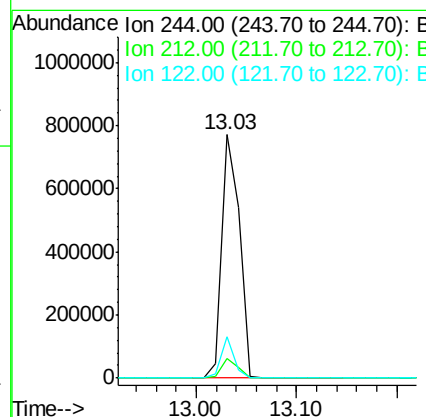
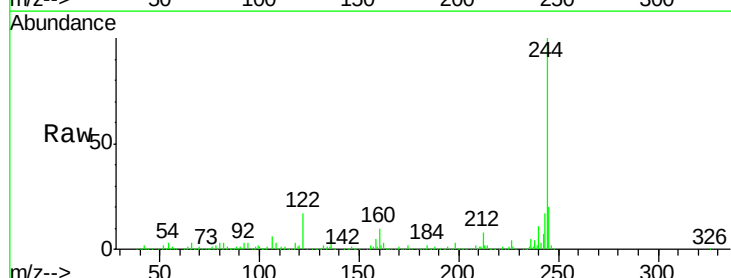
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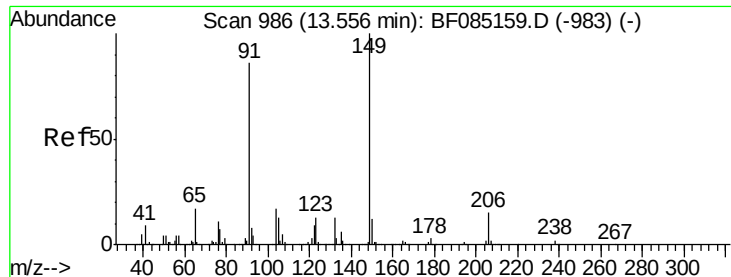
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#78  
 Terphenyl-d14  
 Concen: 70.89 ng  
 RT: 13.03 min Scan# 940  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.8   | 6.4  | 9.6   |       |
| 122     | 17.2  | 11.4 | 17.2  |       |





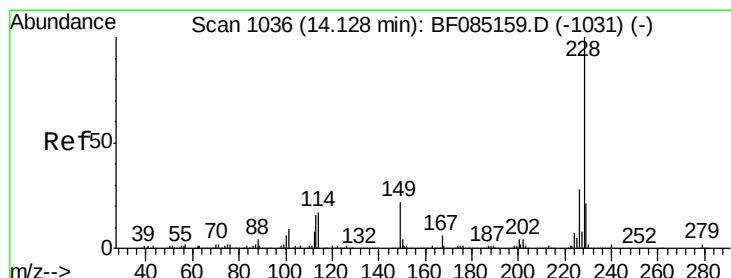
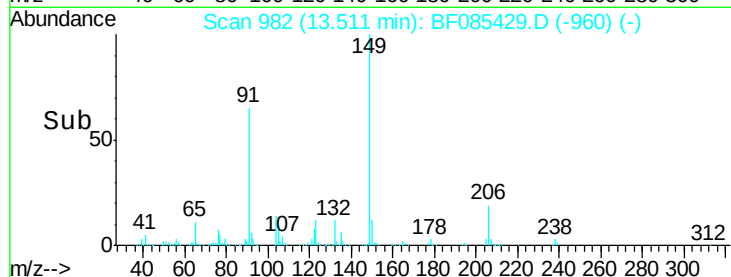
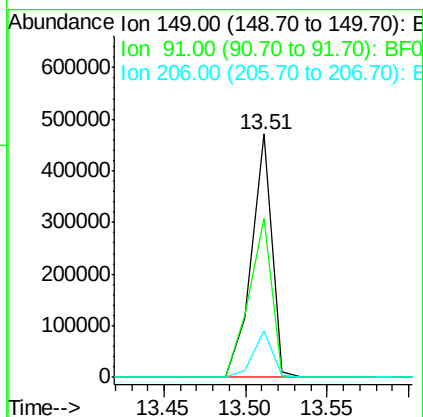
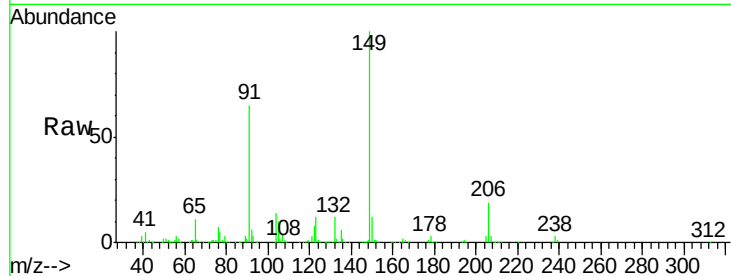
#79  
Butylbenzylphthalate  
Concen: 39.37 ng  
RT: 13.51 min Scan# 982  
Delta R.T. -0.05 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 149     | 100   | 411693 |        |       |
| 91      | 65.5  | 69.0   | 103.4# |       |
| 206     | 18.8  | 12.3   | 18.5#  |       |

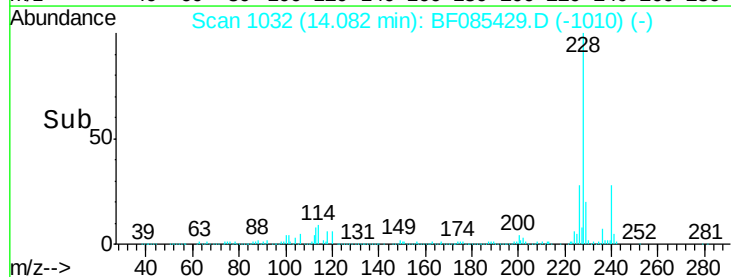
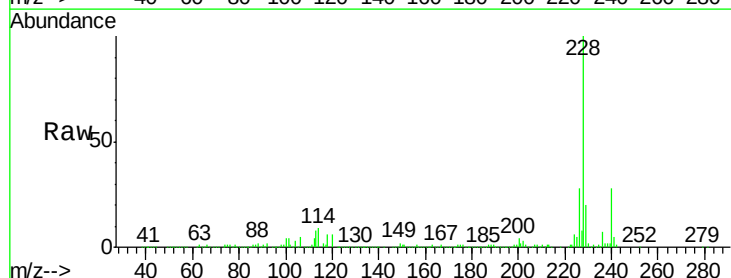
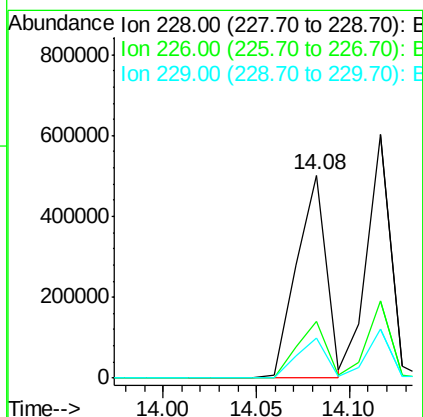
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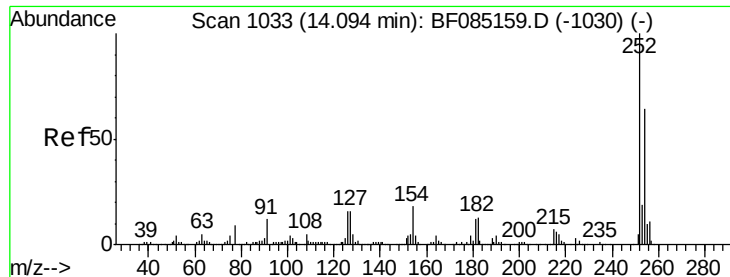
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#80  
Benzo(a)anthracene  
Concen: 30.36 ng  
RT: 14.08 min Scan# 1032  
Delta R.T. -0.05 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 556437 |       |       |
| 226     | 27.7  | 22.8   | 34.2  |       |
| 229     | 19.6  | 16.6   | 24.8  |       |





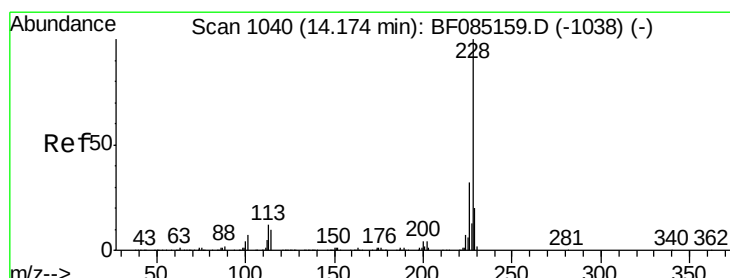
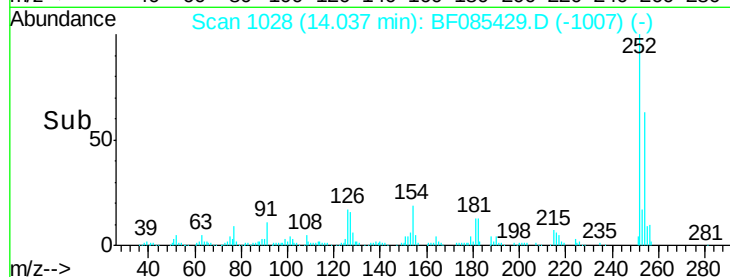
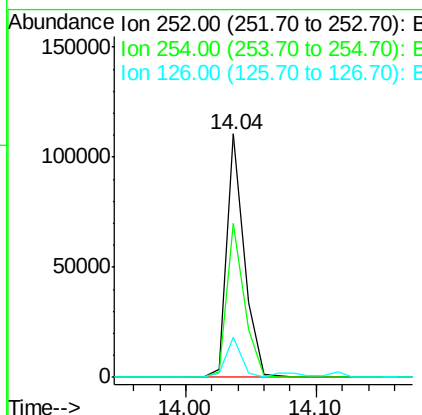
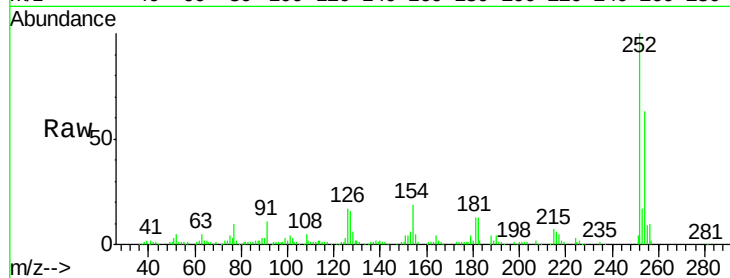
#81  
 3,3'-Dichlorobenzidine  
 Concen: 17.86 ng  
 RT: 14.04 min Scan# 1028  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.1  | 51.4       | 77.0       |
| 126     | 16.5  | 12.9       | 19.3       |

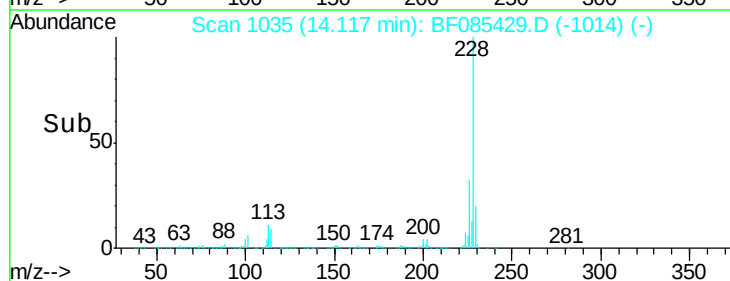
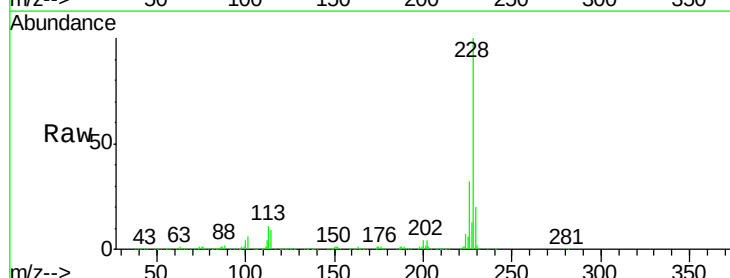
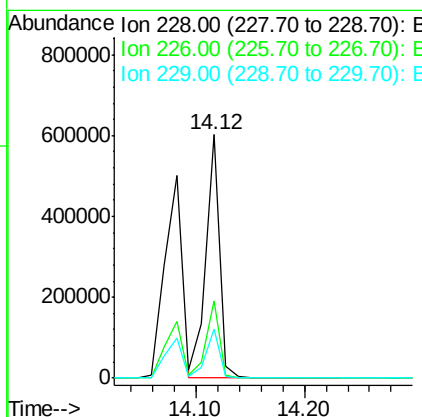
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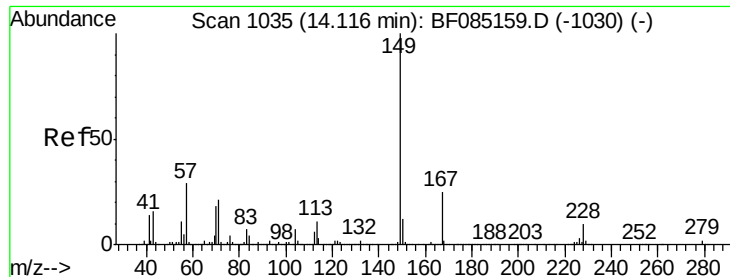
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#82  
 Chrysene  
 Concen: 31.31 ng  
 RT: 14.12 min Scan# 1035  
 Delta R.T. -0.06 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.6  | 25.2       | 37.8       |
| 229     | 19.9  | 16.0       | 24.0       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.55 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF085429.D

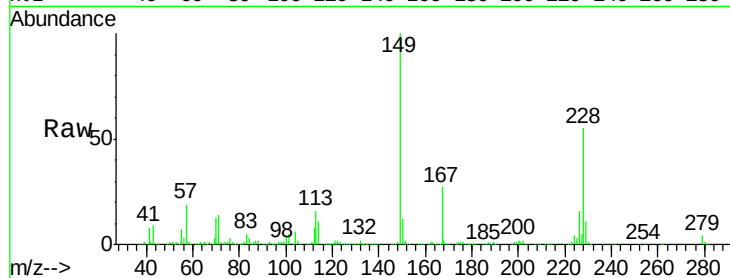
Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

ClientSampleId :

PB88829BS



Tgt Ion:149 Resp: 516655

Ion Ratio Lower Upper

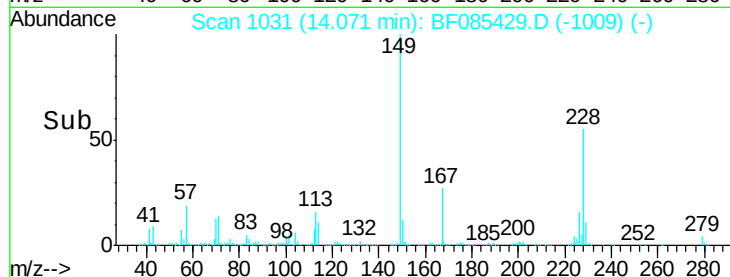
149 100

167 26.7 20.3 30.5

279 3.8 1.9 2.9#

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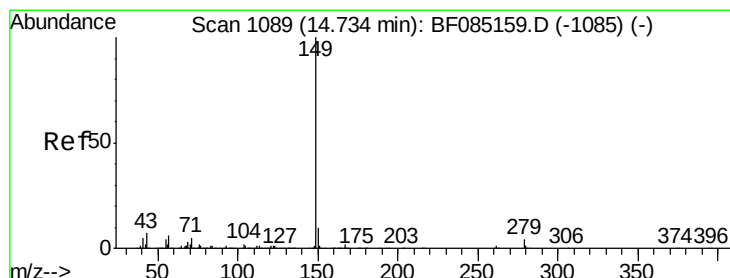
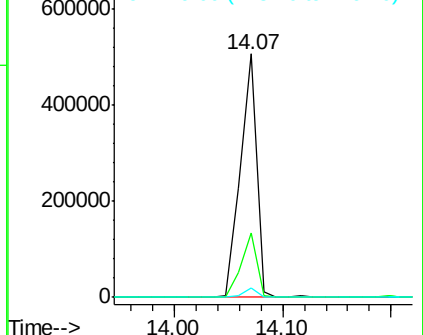
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.75 ng

RT: 14.68 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

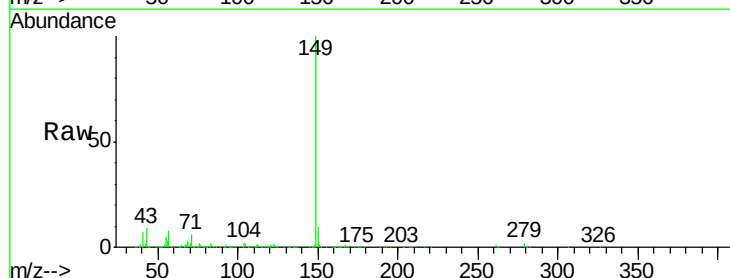
Tgt Ion:149 Resp: 728239

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

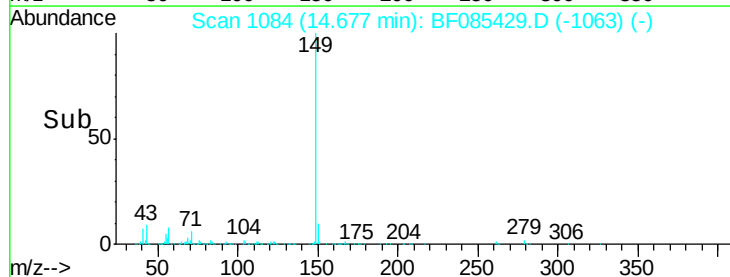
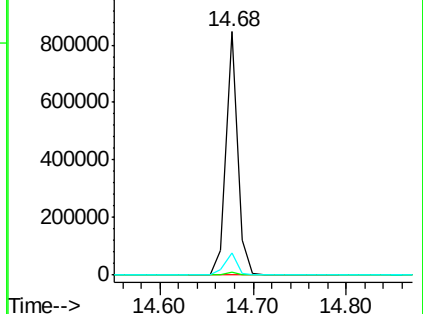
43 9.5 7.8 11.8

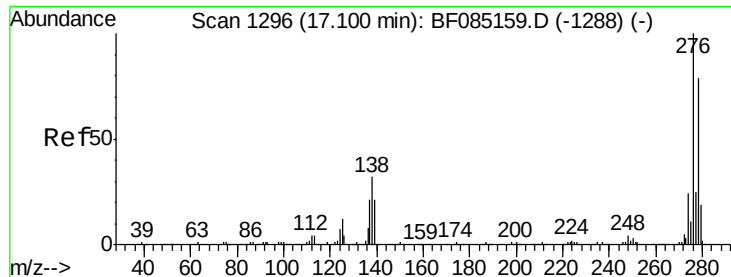


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





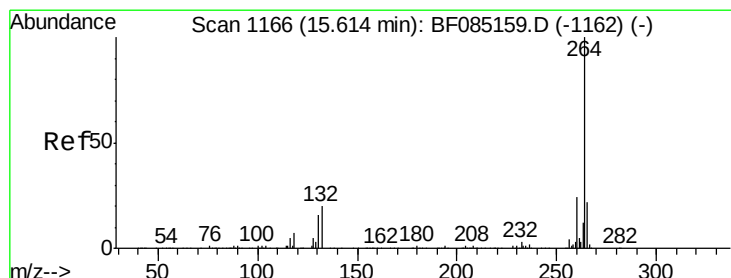
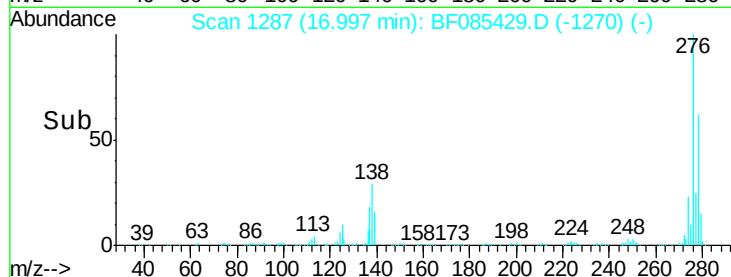
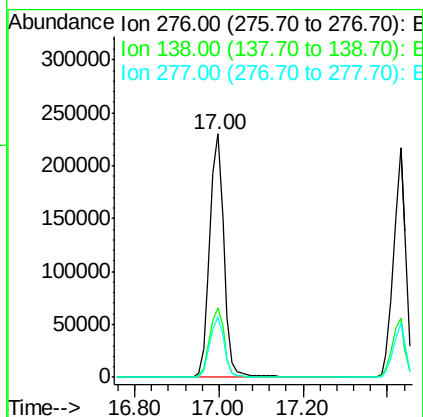
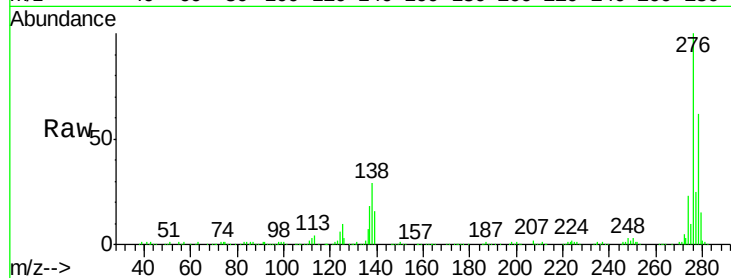
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.27 ng  
 RT: 17.00 min Scan# 1287  
 Delta R.T. -0.10 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.7  | 26.4  | 39.6  |
| 277     | 24.9  | 20.2  | 30.2  |

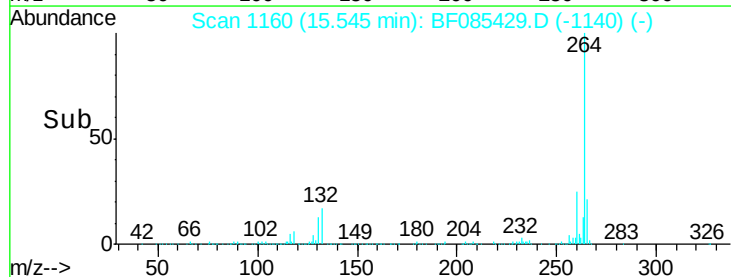
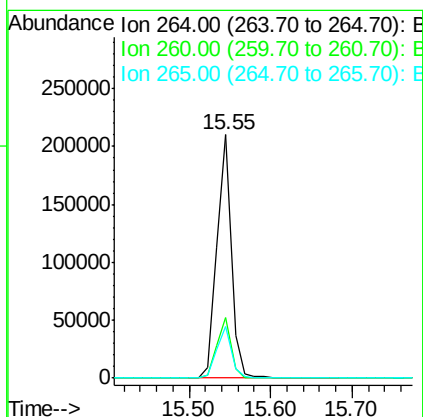
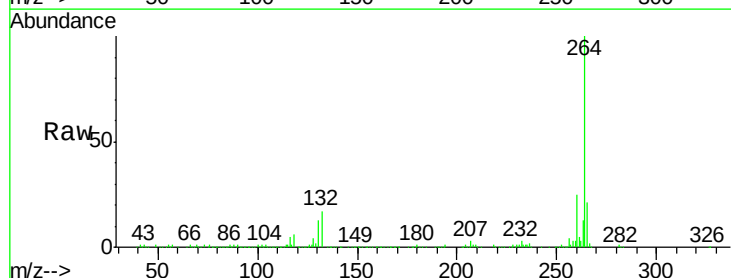
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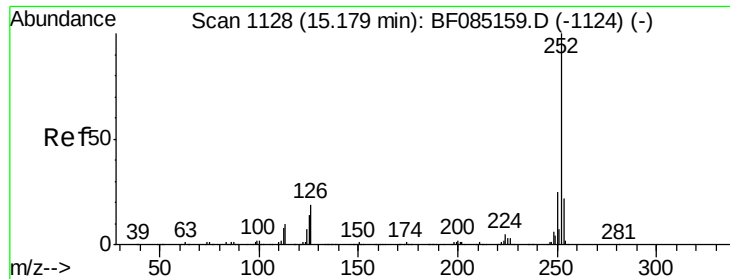
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.55 min Scan# 1160  
 Delta R.T. -0.07 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 19.2  | 28.8  |
| 265     | 21.3  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 28.47 ng

RT: 15.12 min Scan# 1123

Delta R.T. -0.06 min

Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

Instrument :

BNA\_F

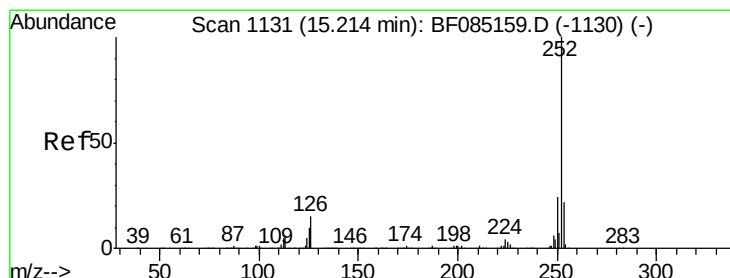
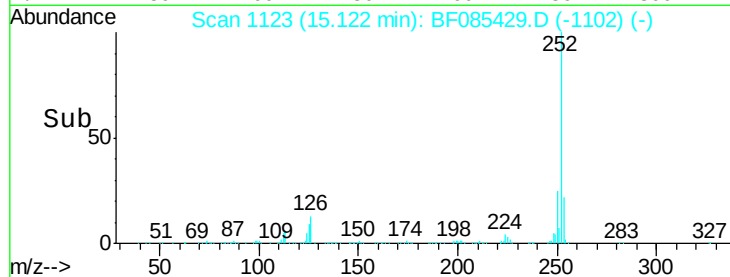
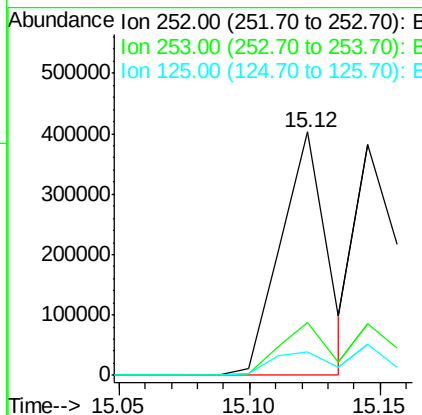
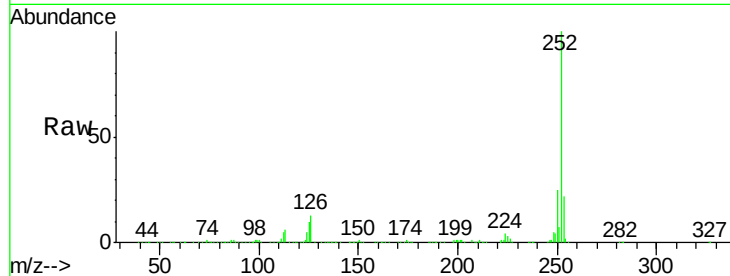
ClientSampleId :

PB88829BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 492574 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.8  | 26.6   |
| 125       | 9.6   | 11.3  | 16.9#  |

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#88

Benzo(k)fluoranthene

Concen: 30.80 ng m

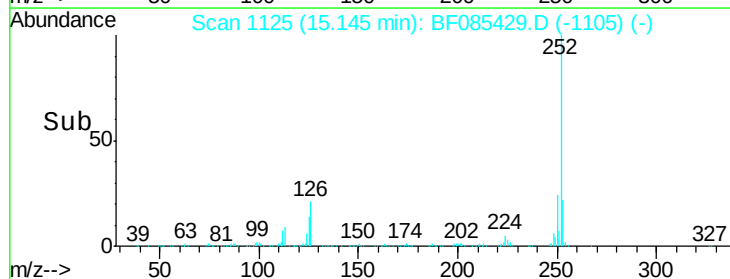
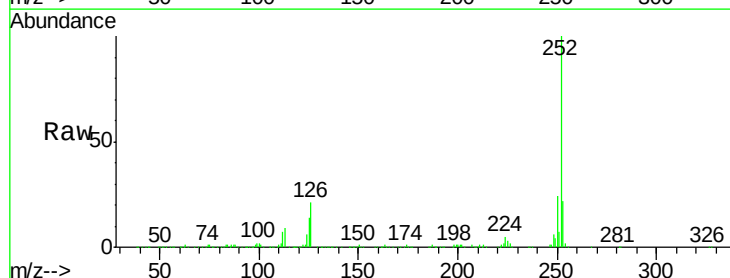
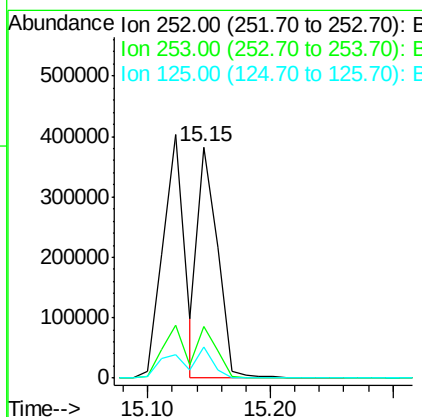
RT: 15.15 min Scan# 1125

Delta R.T. -0.07 min

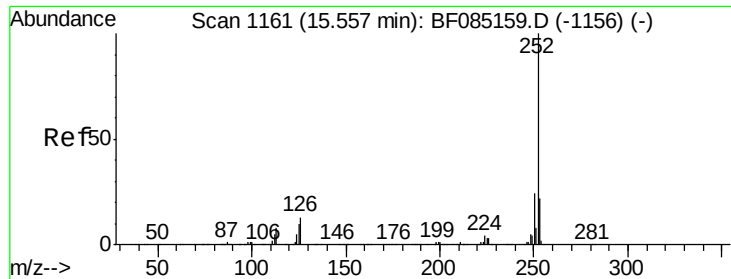
Lab File: BF085429.D

Acq: 14 Mar 2016 15:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 429865 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.8  | 26.6   |
| 125       | 13.7  | 10.4  | 15.6   |







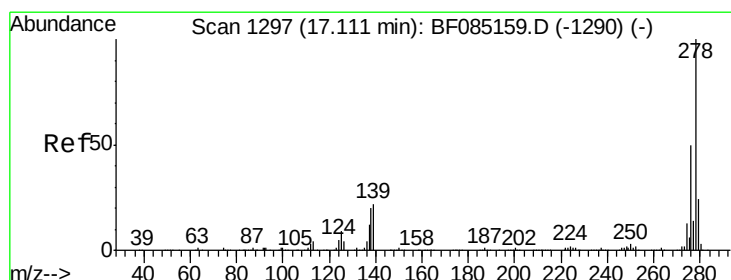
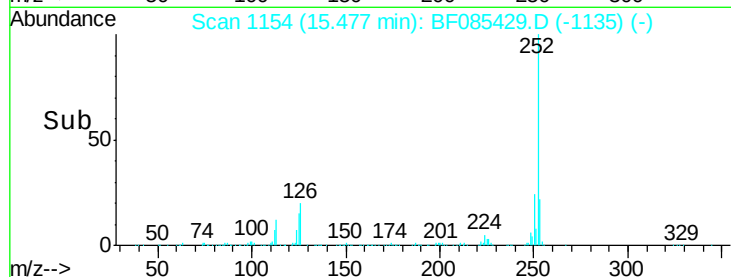
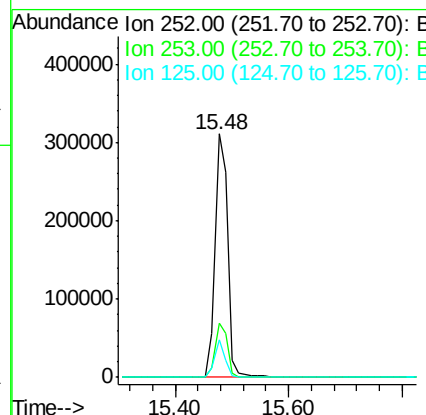
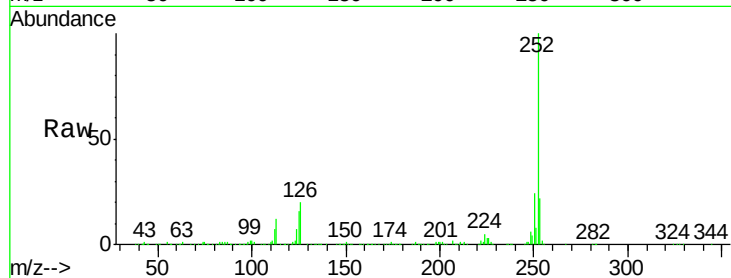
#89  
Benzo(a)pyrene  
Concen: 32.23 ng  
RT: 15.48 min Scan# 1154  
Delta R.T. -0.08 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB88829BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.2  | 17.4       | 26.0       |
| 125     | 15.5  | 8.2        | 12.4       |

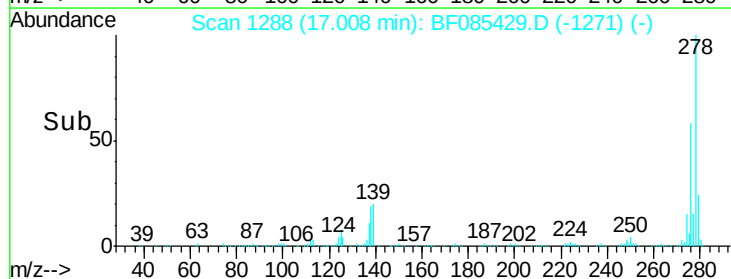
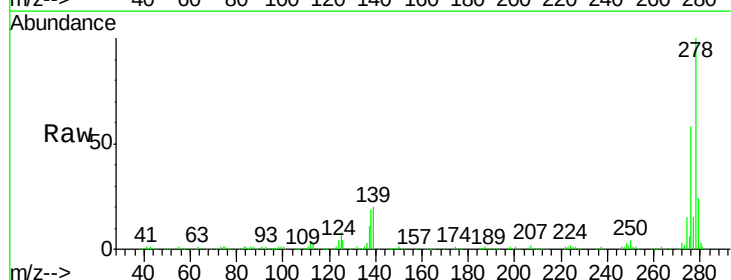
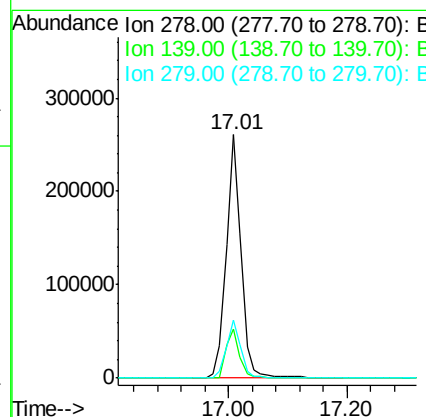
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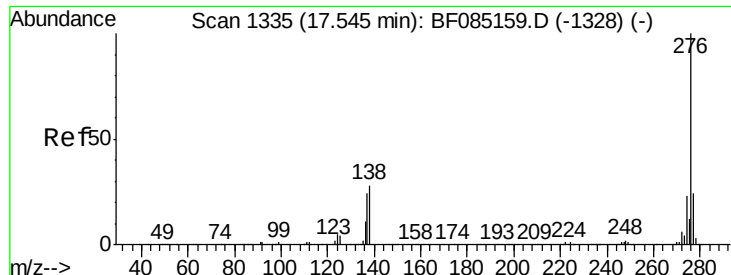
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#90  
Dibenzo(a,h)anthracene  
Concen: 37.18 ng  
RT: 17.01 min Scan# 1288  
Delta R.T. -0.10 min  
Lab File: BF085429.D  
Acq: 14 Mar 2016 15:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 20.0  | 17.3       | 25.9       |
| 279     | 23.7  | 19.2       | 28.8       |





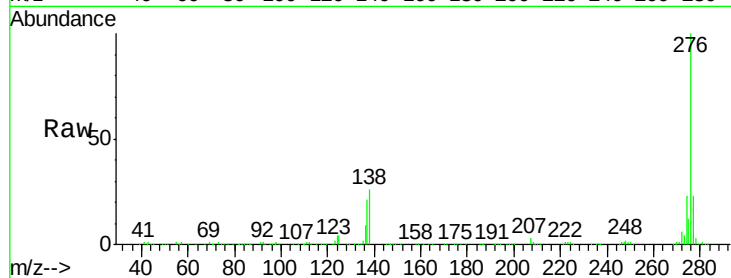
#91  
 Benzo(g,h,i)perylene  
 Concen: 36.81 ng  
 RT: 17.43 min Scan# 1325  
 Delta R.T. -0.11 min  
 Lab File: BF085429.D  
 Acq: 14 Mar 2016 15:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88829BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.4  | 19.0       | 28.4       |
| 138     | 26.0  | 22.5       | 33.7       |

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

