

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\  
 Data File : BF087625.D  
 Acq On : 1 Jun 2016 19:43  
 Operator : UM/SJ  
 Sample : PB91016BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

Manual Integrations  
 APPROVED

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 6/2/2016 5:28:26 PM

Quant Time: Jun 02 13:32:50 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 02:13:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 103254   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.45  | 136  | 426048   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 12.27 | 164  | 202196   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 14.69 | 188  | 394095   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.40 | 240  | 320109   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.09 | 264  | 227564   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 793035  | 134.96 | ng | 0.02  |
| 7) Phenol-d6             | 6.99  | 99  | 990578  | 124.76 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 8.34  | 82  | 692023  | 81.86  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.58 | 330 | 249895  | 128.61 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 11.22 | 172 | 1169908 | 81.57  | ng | -0.01 |
| 78) Terphenyl-d14        | 17.04 | 244 | 1103181 | 73.27  | ng | -0.01 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.83  | 88  | 89582   | 28.89 | ng | # 58   |
| 3) Pyridine                    | 2.40  | 79  | 263271m | 38.84 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.38  | 42  | 184043  | 35.24 | ng | # 47   |
| 6) Aniline                     | 6.94  | 93  | 279043  | 27.17 | ng | 92     |
| 8) 2-Chlorophenol              | 7.11  | 128 | 303336  | 41.39 | ng | 92     |
| 9) Benzaldehyde                | 6.83  | 77  | 22062   | 5.03  | ng | 98     |
| 10) Phenol                     | 7.00  | 94  | 378481  | 43.65 | ng | # 67   |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93  | 282305  | 40.23 | ng | 84     |
| 12) 1,3-Dichlorobenzene        | 7.31  | 146 | 298730  | 37.37 | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 7.44  | 146 | 321392  | 39.17 | ng | # 92   |
| 14) 1,2-Dichlorobenzene        | 7.68  | 146 | 302303  | 39.83 | ng | 99     |
| 15) Benzyl Alcohol             | 7.74  | 79  | 277815  | 47.99 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 567140  | 35.92 | ng | 87     |
| 17) 2-Methylphenol             | 7.95  | 107 | 244513  | 41.64 | ng | # 89   |
| 18) Hexachloroethane           | 8.18  | 117 | 122898  | 40.15 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.15  | 70  | 242889  | 41.02 | ng | # 73   |
| 20) 3+4-Methylphenols          | 8.23  | 107 | 344713  | 48.55 | ng | # 62   |
| 22) Acetophenone               | 8.11  | 105 | 418412  | 41.11 | ng | # 97   |
| 24) Nitrobenzene               | 8.38  | 77  | 347600  | 38.95 | ng | 98     |
| 25) Isophorone                 | 8.76  | 82  | 605803  | 39.96 | ng | 98     |
| 26) 2-Nitrophenol              | 8.88  | 139 | 154149  | 42.26 | ng | # 61   |
| 27) 2,4-Dimethylphenol         | 9.03  | 122 | 268636  | 42.43 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 9.14  | 93  | 361277  | 42.31 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.31  | 162 | 244638  | 42.87 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.38  | 180 | 261253  | 39.99 | ng | 98     |
| 31) Naphthalene                | 9.48  | 128 | 864843  | 40.51 | ng | 99     |
| 32) Benzoic acid               | 9.39  | 122 | 115375  | 36.91 | ng | # 79   |
| 33) 4-Chloroaniline            | 9.67  | 127 | 161083  | 20.49 | ng | # 93   |
| 34) Hexachlorobutadiene        | 9.69  | 225 | 153047  | 38.54 | ng | 96     |
| 35) Caprolactam                | 10.27 | 113 | 77241m  | 46.38 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.52 | 107 | 279938  | 43.39 | ng | 96     |
| 37) 2-Methylnaphthalene        | 10.62 | 142 | 567137  | 42.52 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.89 | 216 | 249269  | 38.51 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.86 | 237 | 122236  | 49.93 | ng | 95     |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

Manual Integrations  
 APPROVED

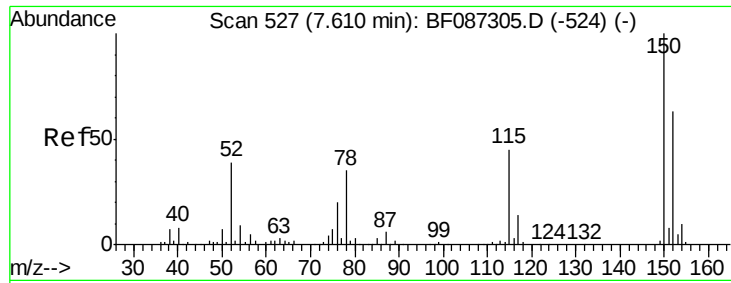
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 6/2/2016 5:28:26 PM

Quant Time: Jun 02 13:32:50 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 02:13:57 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.13 | 196  | 156056   | 41.77 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 11.22 | 196  | 139726   | 36.73 | nq    | # 84     |
| 45) 1,1'-Biphenyl              | 11.38 | 154  | 712571   | 41.86 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 11.39 | 162  | 521832   | 40.07 | nq    | 93       |
| 47) 2-Nitroaniline             | 11.63 | 65   | 218654   | 46.60 | nq    | 88       |
| 48) Acenaphthylene             | 12.05 | 152  | 824969   | 40.01 | nq    | 98       |
| 49) Dimethylphthalate          | 11.94 | 163  | 653531   | 40.35 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.03 | 165  | 131607   | 40.32 | nq    | # 59     |
| 51) Acenaphthene               | 12.33 | 154  | 511947   | 40.40 | nq    | 97       |
| 52) 3-Nitroaniline             | 12.33 | 138  | 86376    | 25.79 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 12.54 | 184  | 108913   | 66.41 | nq    | # 83     |
| 54) Dibenzofuran               | 12.62 | 168  | 769442   | 44.84 | nq    | 93       |
| 55) 4-Nitrophenol              | 12.74 | 139  | 133595   | 83.61 | nq    | # 58     |
| 56) 2,4-Dinitrotoluene         | 12.71 | 165  | 193287   | 44.31 | nq    | 93       |
| 57) Fluorene                   | 13.18 | 166  | 618527   | 41.57 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.87 | 232  | 136208   | 46.54 | nq    | 98       |
| 59) Diethylphthalate           | 13.09 | 149  | 640087   | 40.65 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.20 | 204  | 285406   | 39.33 | nq    | 91       |
| 61) 4-Nitroaniline             | 13.33 | 138  | 130573   | 41.77 | nq    | # 67     |
| 62) Azobenzene                 | 13.45 | 77   | 786520   | 48.14 | nq    | 84       |
| 64) 4,6-Dinitro-2-methylphenol | 13.38 | 198  | 84744    | 33.82 | nq    | # 69     |
| 65) n-Nitrosodiphenylamine     | 13.42 | 169  | 526832   | 41.34 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.98 | 248  | 165760   | 38.45 | nq    | 94       |
| 67) Hexachlorobenzene          | 14.06 | 284  | 178667   | 39.62 | nq    | # 79     |
| 68) Atrazine                   | 14.34 | 200  | 171693   | 42.26 | nq    | 93       |
| 69) Pentachlorophenol          | 14.43 | 266  | 91663    | 66.54 | nq    | 94       |
| 70) Phenanthrene               | 14.72 | 178  | 908854   | 41.63 | nq    | 99       |
| 71) Anthracene                 | 14.80 | 178  | 914297   | 41.46 | nq    | 99       |
| 72) Carbazole                  | 15.11 | 167  | 825930   | 43.91 | nq    | 99       |
| 73) Di-n-butylphthalate        | 15.67 | 149  | 976442   | 40.14 | nq    | # 98     |
| 74) Fluoranthene               | 16.49 | 202  | 924388   | 42.23 | nq    | 96       |
| 76) Benzidine                  | 16.73 | 184  | 366182   | 44.46 | nq    | 96       |
| 77) Pyrene                     | 16.80 | 202  | 940685   | 40.82 | nq    | 99       |
| 79) Butylbenzylphthalate       | 17.70 | 149  | 394153   | 38.57 | nq    | # 73     |
| 80) Benzo(a)anthracene         | 18.39 | 228  | 773390   | 42.47 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.38 | 252  | 134529   | 13.37 | nq    | 99       |
| 82) Chrysene                   | 18.43 | 228  | 736417   | 40.75 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 18.45 | 149  | 538944   | 36.15 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 19.21 | 149  | 894470   | 39.34 | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 21.29 | 276  | 503986   | 34.79 | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 19.67 | 252  | 535939m  | 36.97 | nq    |          |
| 88) Benzo(k)fluoranthene       | 19.69 | 252  | 638078m  | 51.14 | nq    |          |
| 89) Benzo(a)pyrene             | 20.02 | 252  | 526485   | 41.99 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.28 | 278  | 425960   | 39.83 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 21.65 | 276  | 404524   | 38.34 | nq    | # 92     |

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





#1

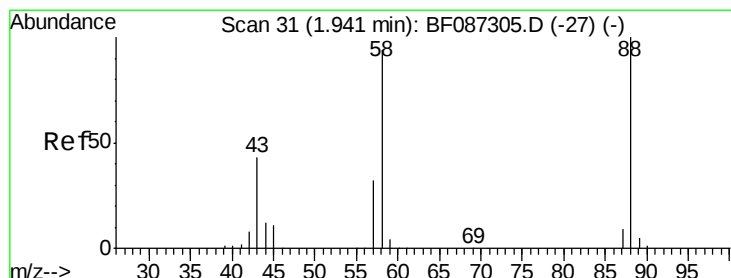
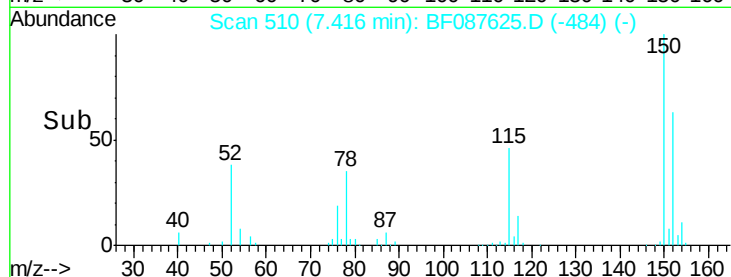
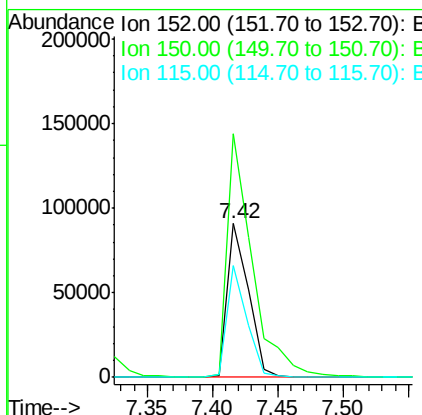
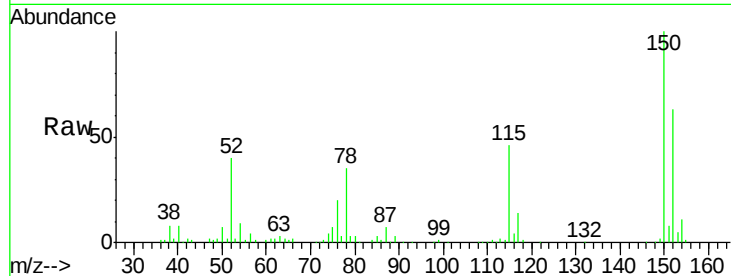
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.42 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 152     | 100   |       |       |       |
| 150     | 158.6 | 125.8 | 188.6 |       |
| 115     | 72.7  | 51.5  | 77.3  |       |

Manual Integrations  
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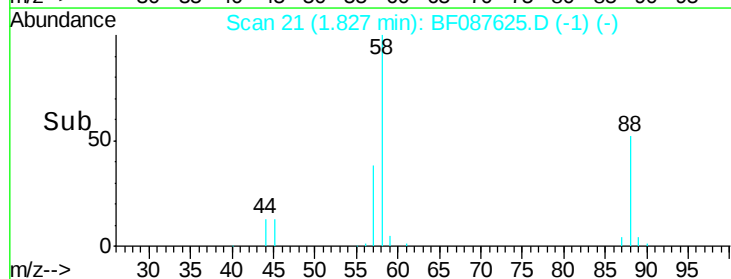
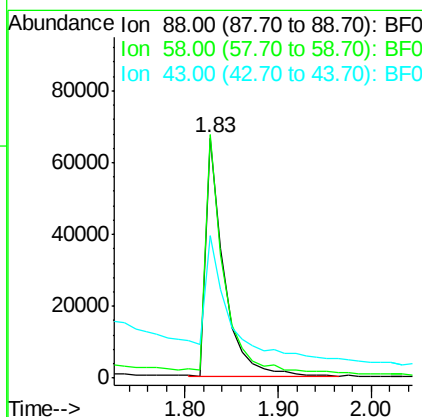
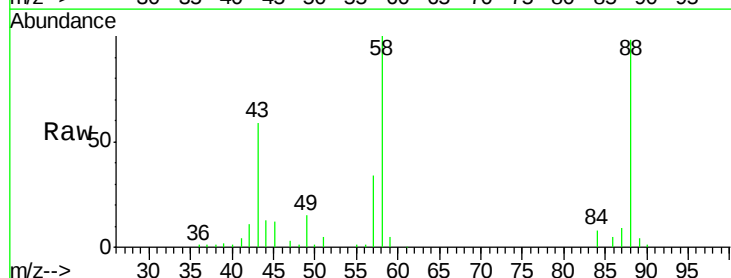
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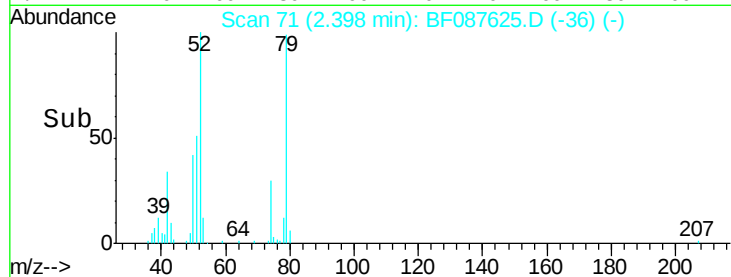
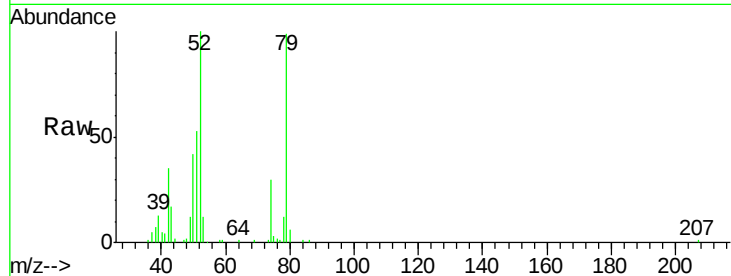
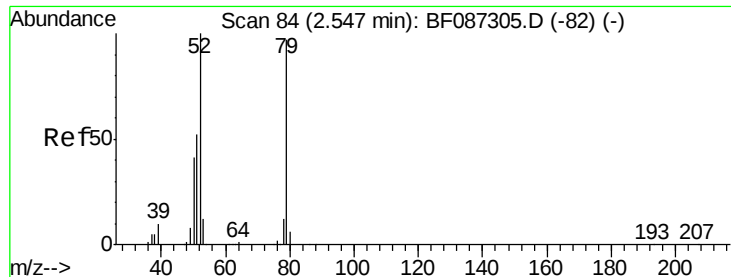


#2

1,4-Dioxane  
Concen: 28.89 ng  
RT: 1.83 min Scan# 21  
Delta R.T. 0.10 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 88      | 100   |      |       |       |
| 58      | 99.5  | 59.6 | 89.4# |       |
| 43      | 67.2  | 21.8 | 32.6# |       |





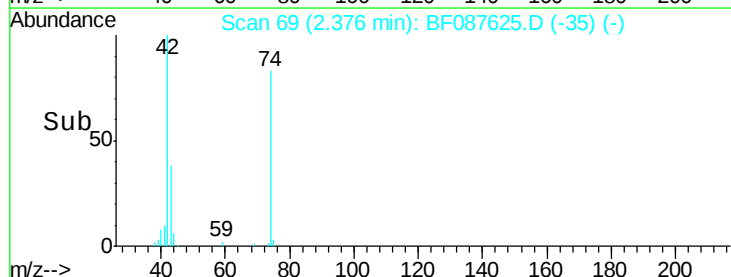
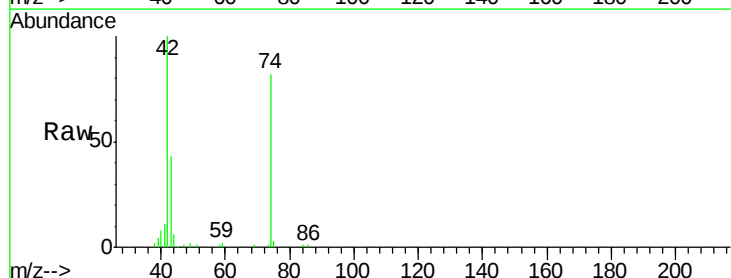
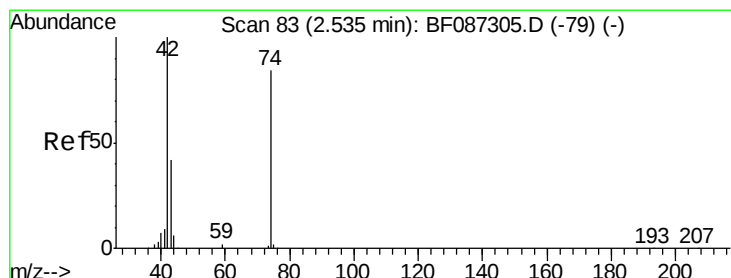
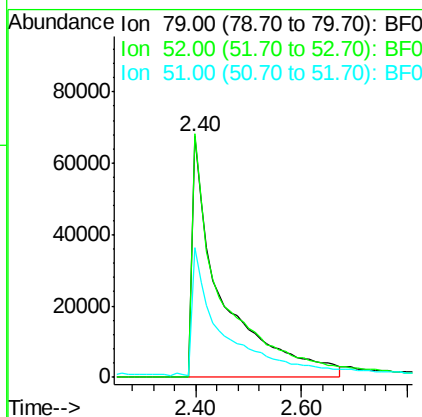
#3  
 Pvridine  
 Concen: 38.84 ng/ml  
 RT: 2.40 min Scan# 71  
 Delta R.T. 0.10 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 101.3 | 55.9  | 83.9# |
| 51      | 54.0  | 28.1  | 42.1# |

Instrument :  
 BNA\_F  
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 PB91016BSD

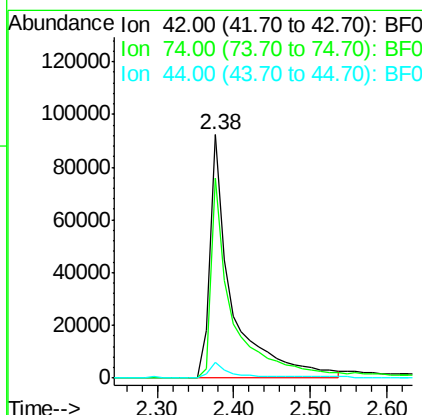
Manual Integrations  
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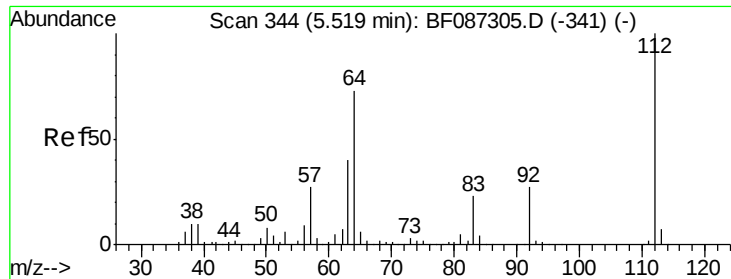
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#4  
 n-Nitrosodimethylamine  
 Concen: 35.24 ng/ml  
 RT: 2.38 min Scan# 69  
 Delta R.T. 0.09 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 82.4  | 123.4 | 185.0# |
| 44      | 6.2   | 5.8   | 8.6    |





#5

2-Fluorophenol

Concen: 134.96 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

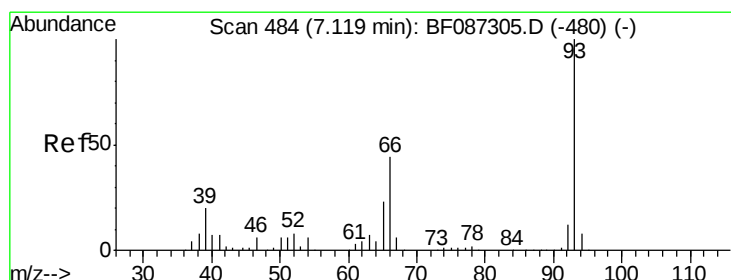
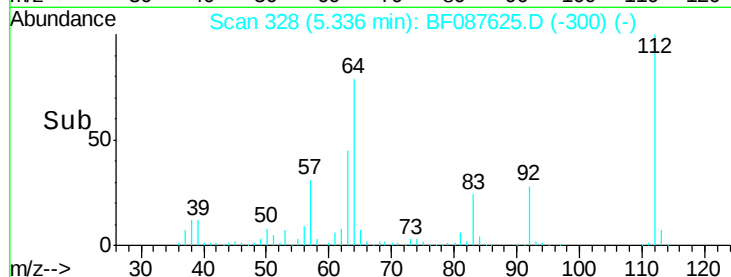
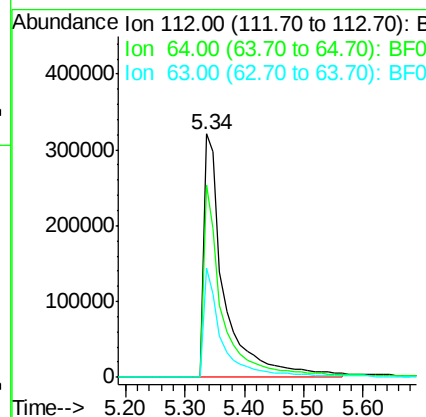
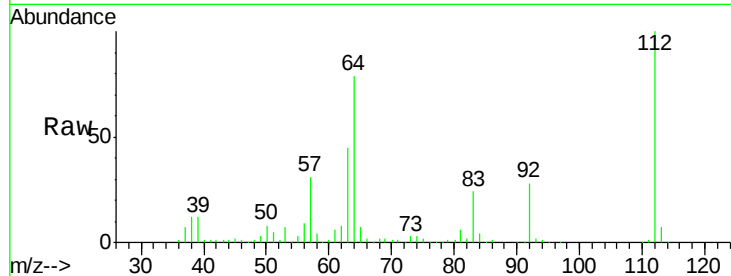
ClientSampleId :

PB91016BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 793035 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 79.0  | 52.1  | 78.1#  |
| 63        | 45.0  | 25.7  | 38.5#  |

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#6

Aniline

Concen: 27.17 ng

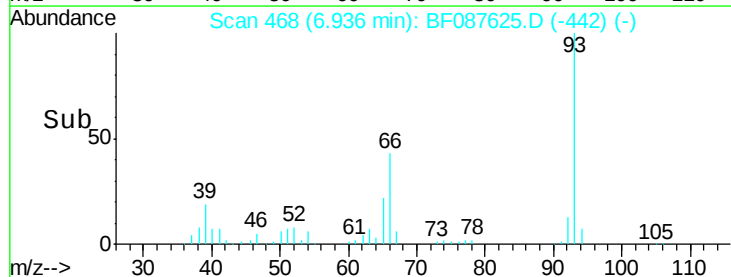
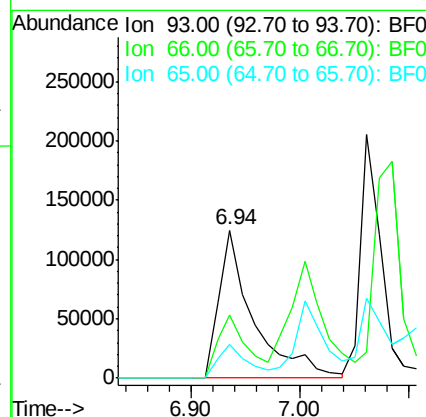
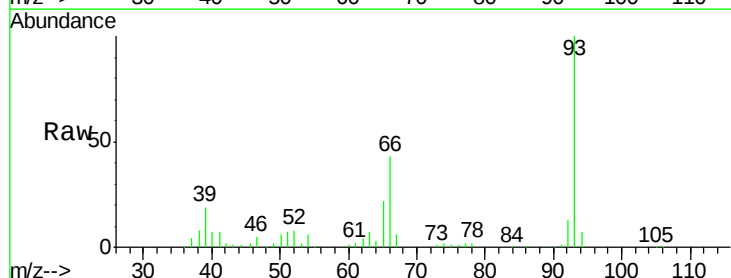
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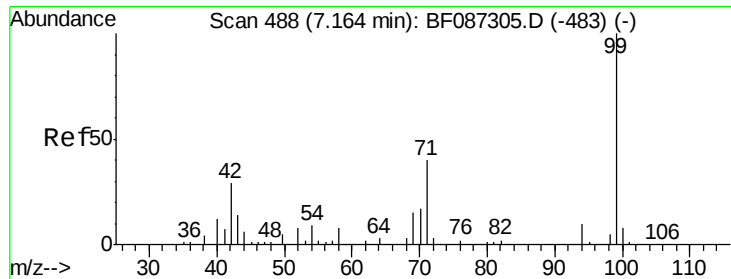
Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 279043 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.0  | 39.0  | 58.6   |
| 65        | 22.4  | 20.6  | 31.0   |





#7

Phenol-d6

Concen: 124.76 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

ClientSampleId :

PB91016BSD

Tot Ion: 99 Resp: 990578

Ion Ratio Lower Upper

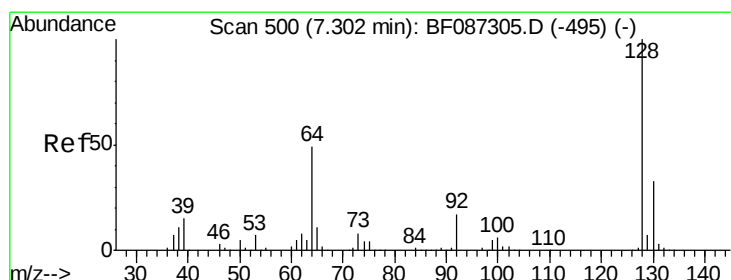
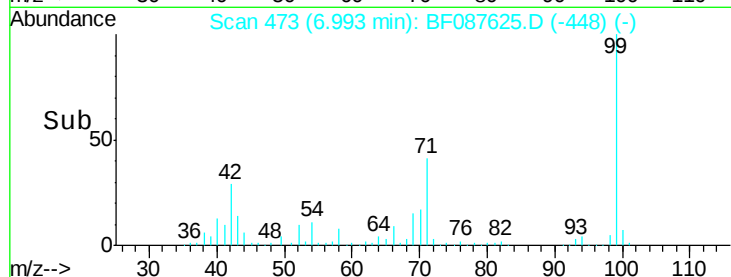
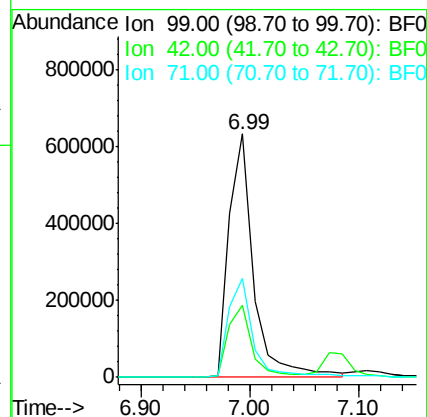
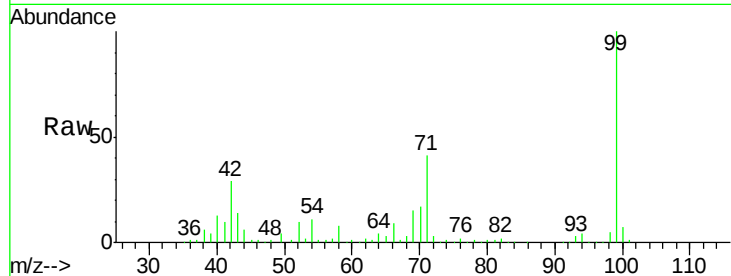
99 100

42 29.4 13.6 20.4#

71 40.6 24.6 36.8#

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.39 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

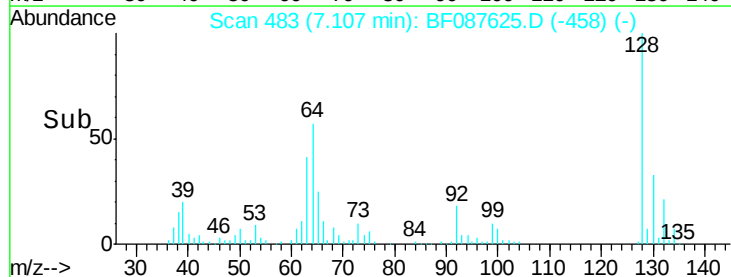
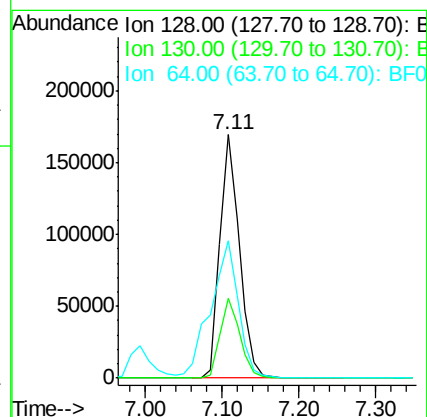
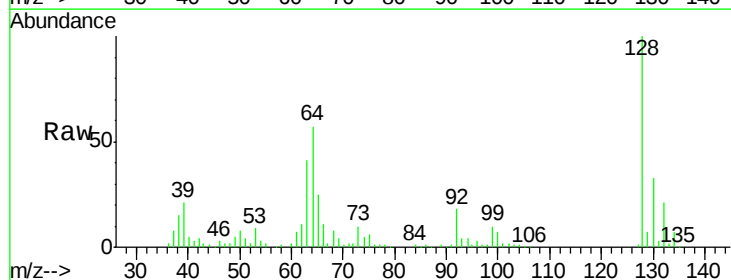
Tgt Ion: 128 Resp: 303336

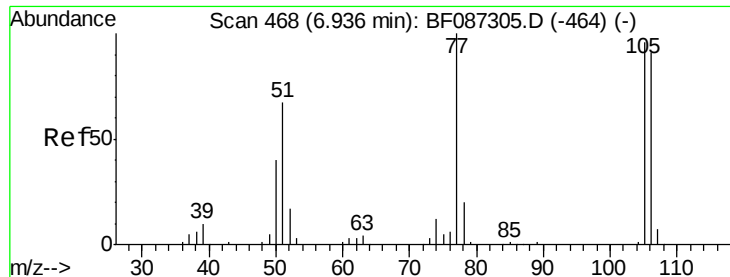
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 56.7 27.3 67.3





#9

Benzaldehyde

Concen: 5.03 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.09 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

ClientSampleId :

PB91016BSD

Tot Ion: 77 Resp: 22062

Ion Ratio Lower Upper

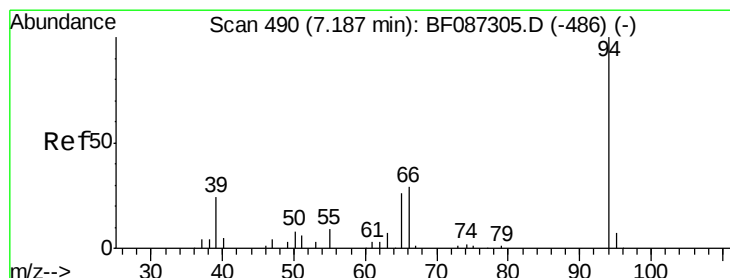
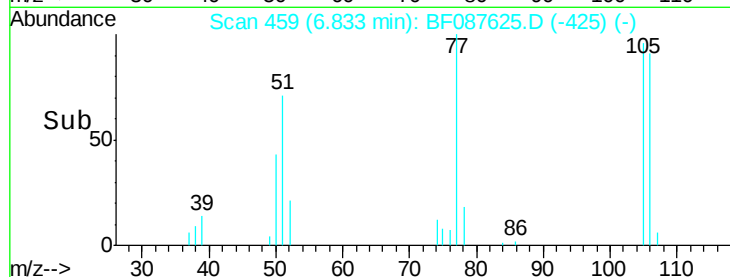
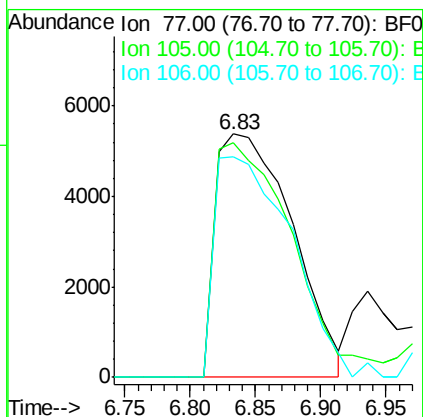
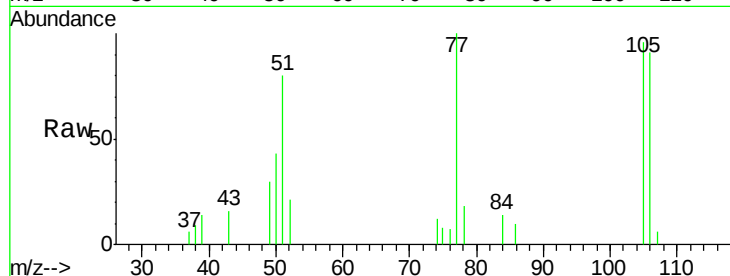
77 100

105 96.2 72.7 112.7

106 90.8 70.8 110.8

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#10

Phenol

Concen: 43.65 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

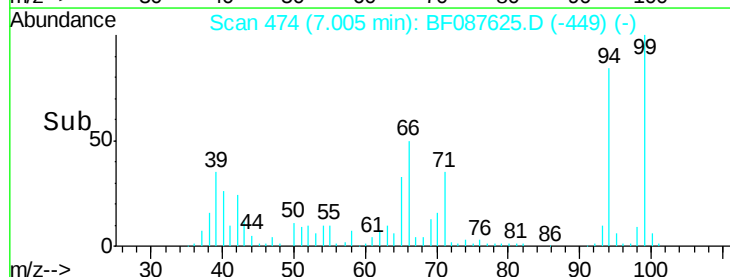
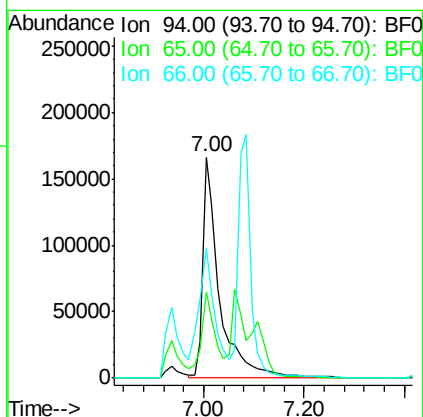
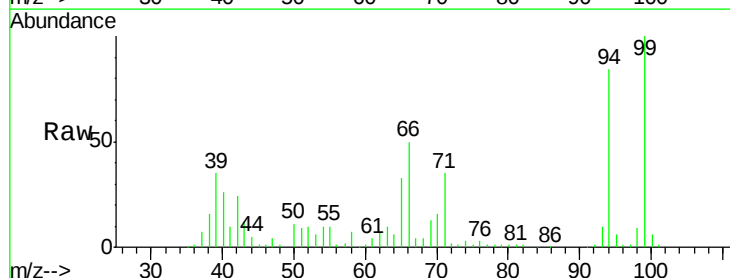
Tgt Ion: 94 Resp: 378481

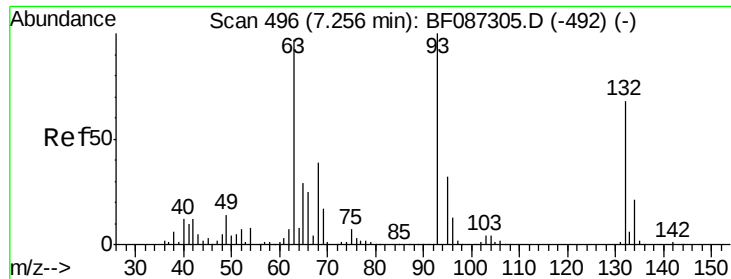
Ion Ratio Lower Upper

94 100

65 38.9 7.2 47.2

66 59.0 14.9 54.9#





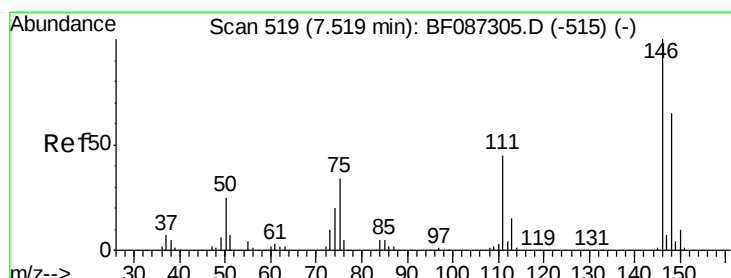
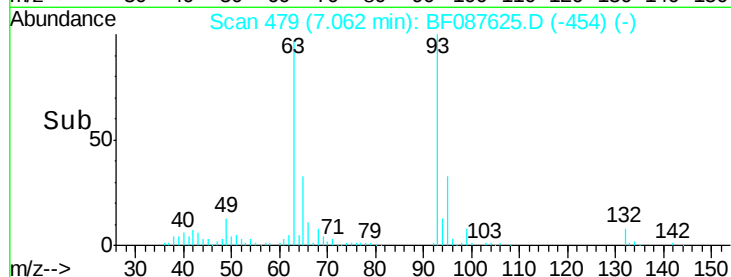
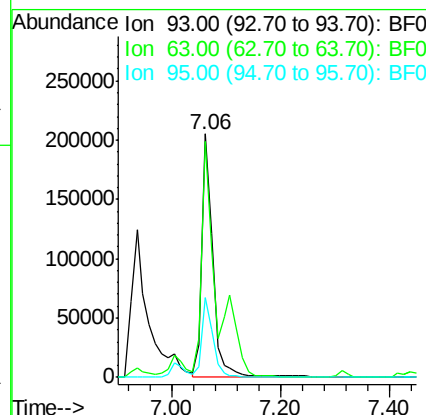
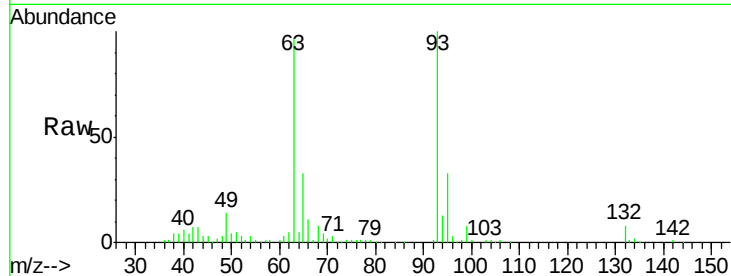
#11  
bis(2-Chloroethyl)ether  
Concen: 40.23 ng  
RT: 7.06 min Scan# 479  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 282305 |       |       |
| 63      | 96.9  | 58.0   | 98.0  |       |
| 95      | 32.9  | 11.9   | 51.9  |       |

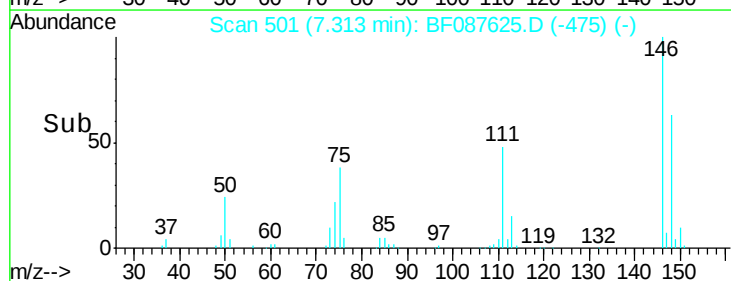
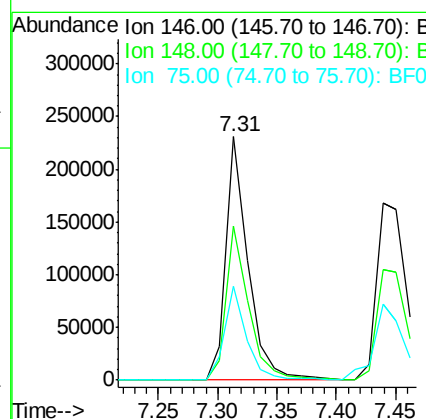
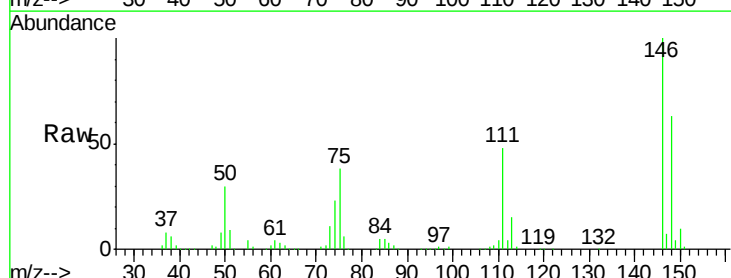
Manual Integrations  
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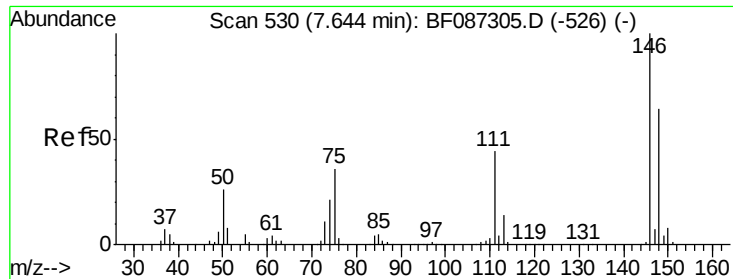
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#12  
1,3-Dichlorobenzene  
Concen: 37.37 ng  
RT: 7.31 min Scan# 501  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 298730 |       |       |
| 148     | 63.4  | 52.4   | 78.6  |       |
| 75      | 38.4  | 22.8   | 34.2  |       |





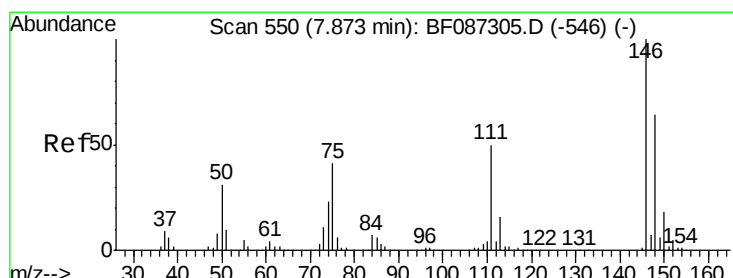
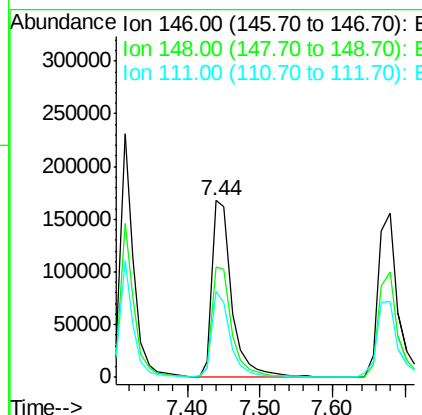
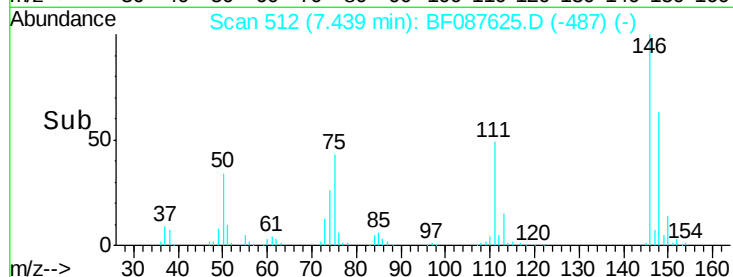
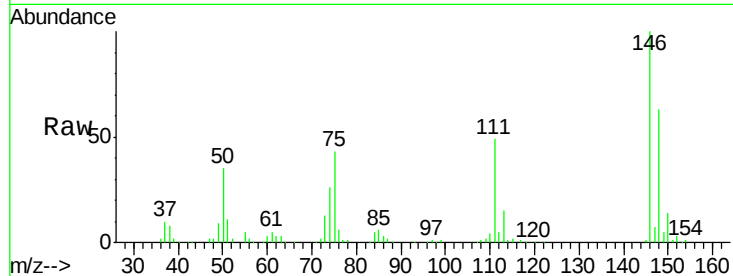
#13  
1,4-Dichlorobenzene  
Concen: 39.17 ng  
RT: 7.44 min Scan# 512  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 52.2  | 78.4  |
| 111     | 48.8  | 30.7  | 46.1  |

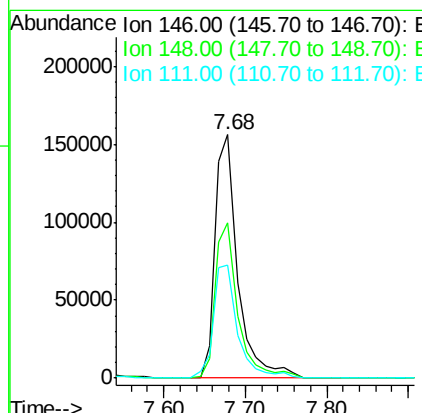
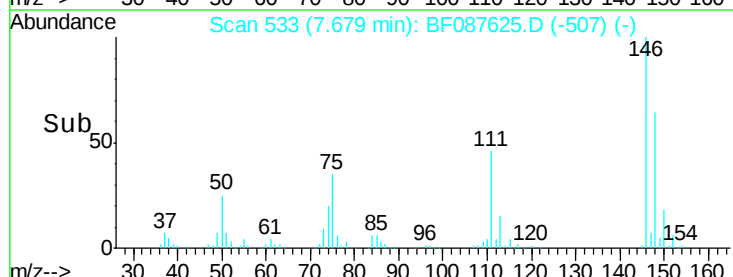
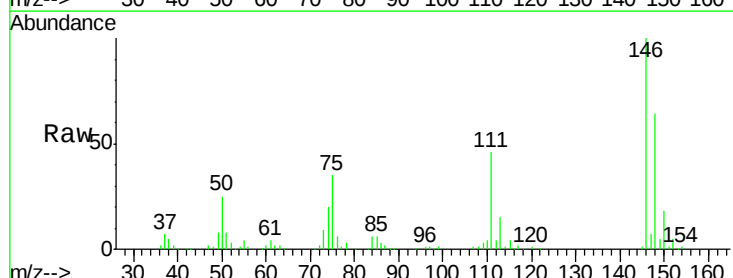
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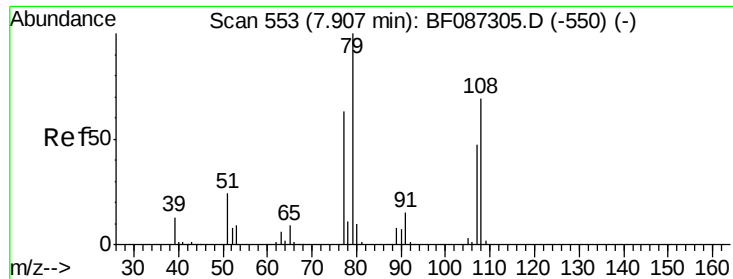
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#14  
1,2-Dichlorobenzene  
Concen: 39.83 ng  
RT: 7.68 min Scan# 533  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.0  | 76.6  |
| 111     | 46.3  | 36.2  | 54.4  |





#15

Benzyl Alcohol

Concen: 47.99 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

ClientSampleId :

PB91016BSD

Tot Ion: 79 Resp: 277815

Ion Ratio Lower Upper

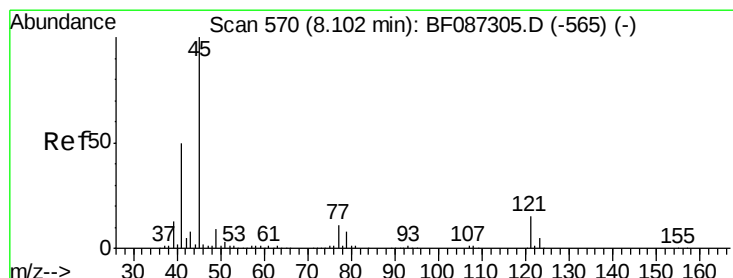
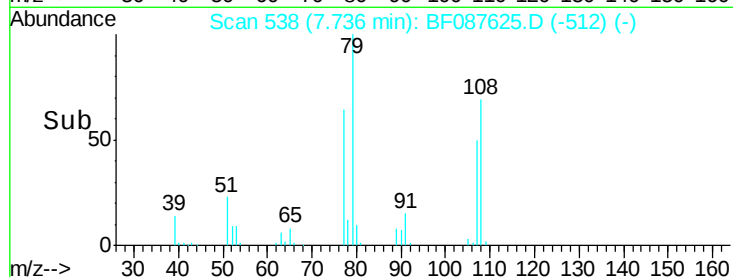
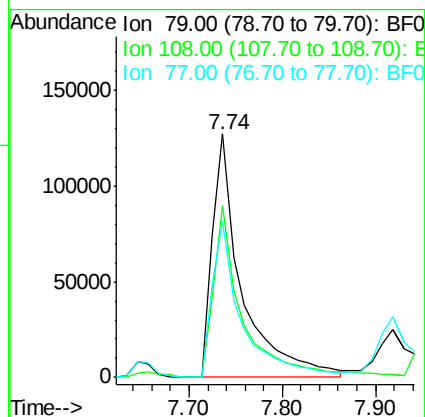
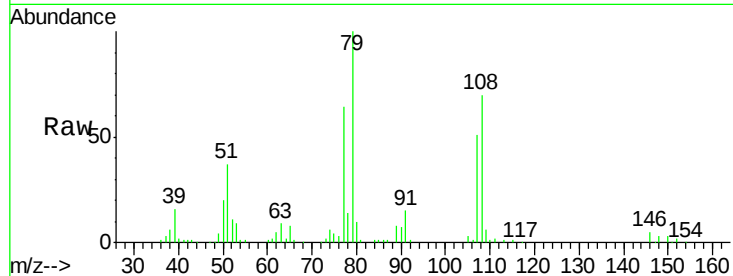
79 100

108 70.4 68.4 102.6

77 64.4 50.6 76.0

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.92 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

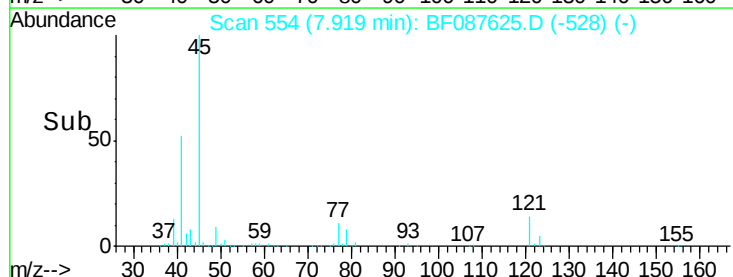
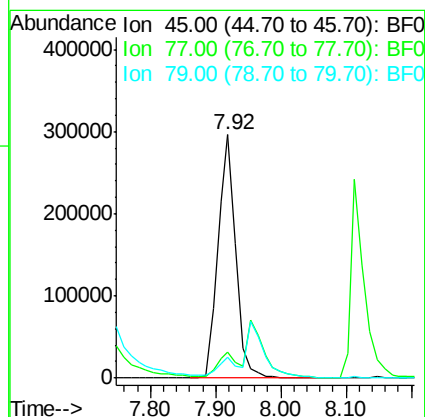
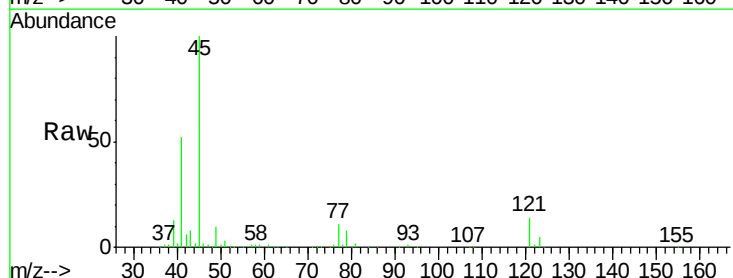
Tgt Ion: 45 Resp: 567140

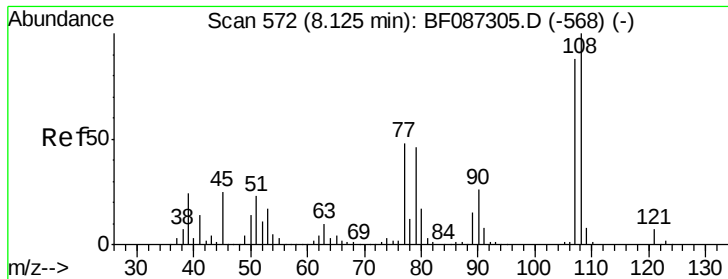
Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

79 8.4 0.0 33.4





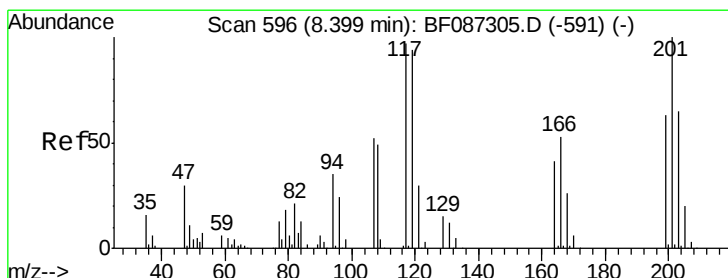
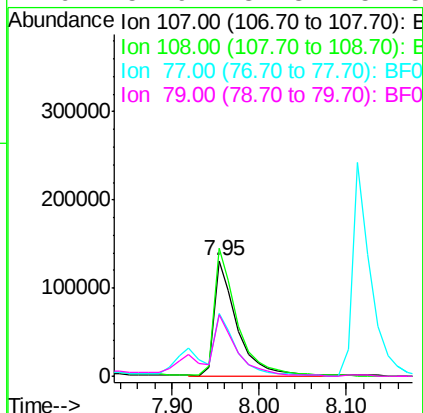
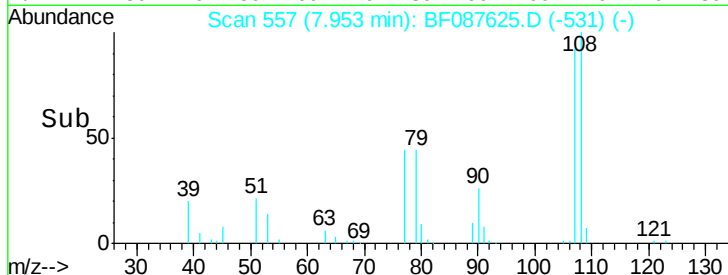
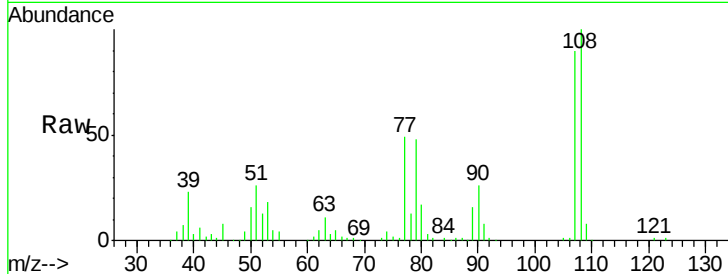
#17  
2-Methylphenol  
Concen: 41.64 ng  
RT: 7.95 min Scan# 557  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 244513 |       |       |
| 108     | 110.8 | 93.7   | 140.5 |       |
| 77      | 53.9  | 33.4   | 50.0  |       |
| 79      | 52.9  | 34.3   | 51.5  |       |

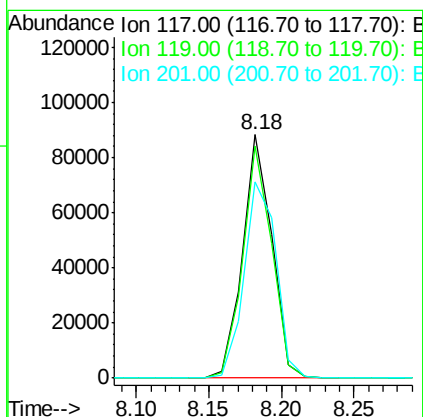
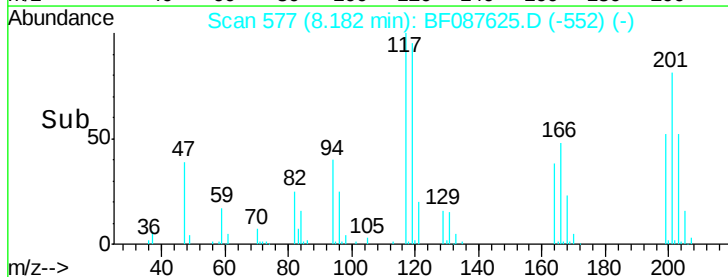
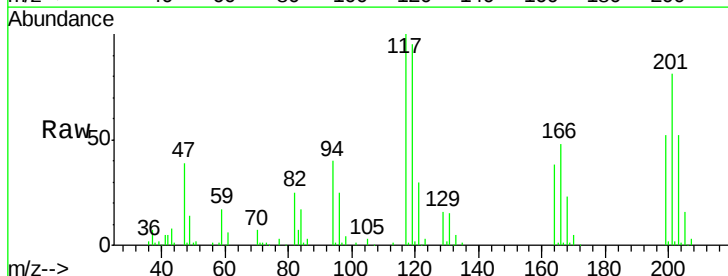
Manual Integrations  
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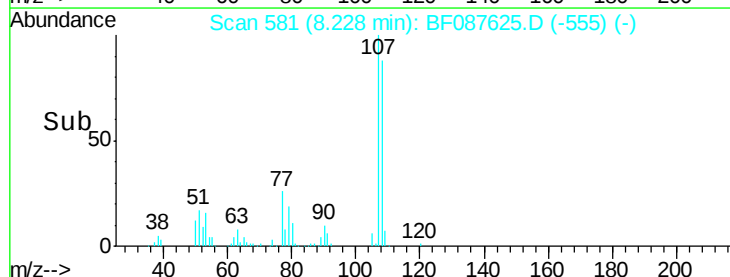
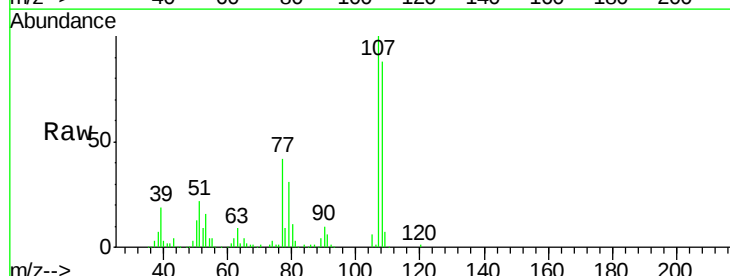
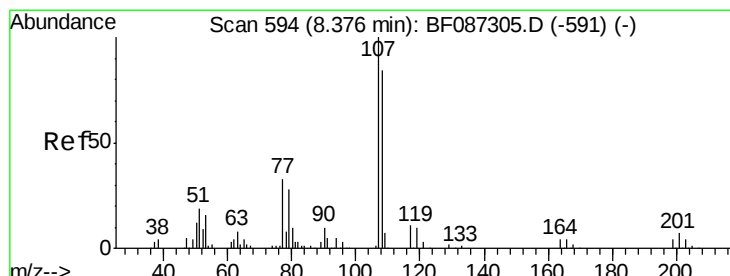
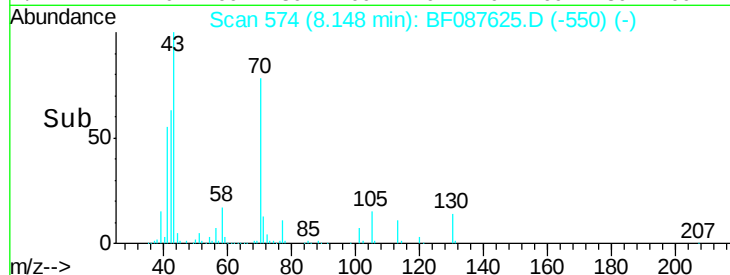
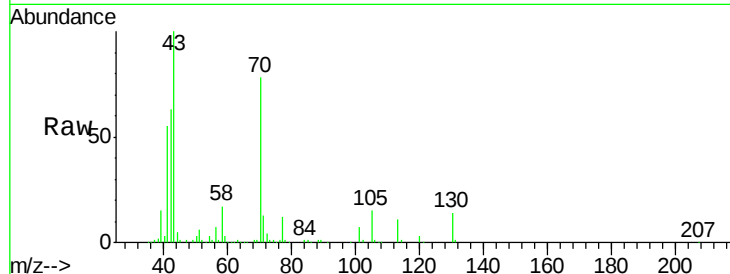
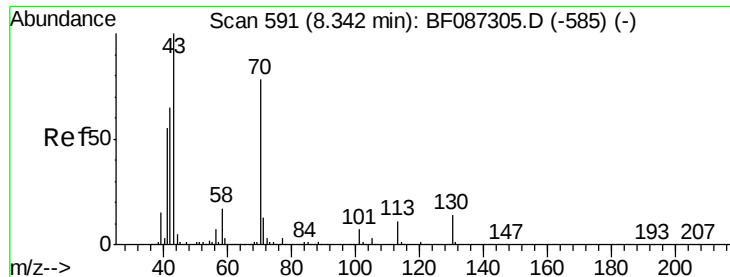
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#18  
Hexachloroethane  
Concen: 40.15 ng  
RT: 8.18 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 122898 |       |       |
| 119     | 95.4  | 76.5   | 114.7 |       |
| 201     | 80.8  | 63.0   | 94.6  |       |





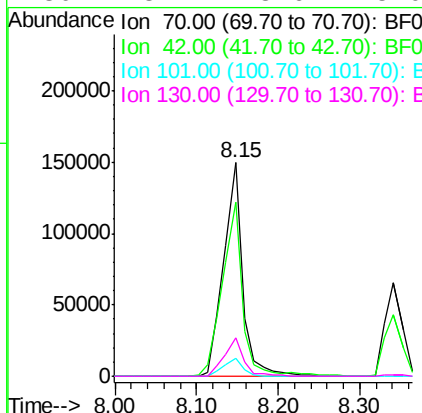
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.02 ng  
RT: 8.15 min Scan# 574  
Delta R.T. -0.02 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 81.4 | 43.1  | 64.7# |       |       |
| 101     | 8.4  | 8.1   | 12.1  |       |       |
| 130     | 18.2 | 18.6  | 28.0# |       |       |

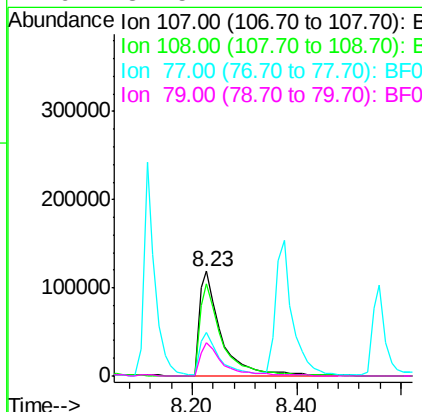
Manual Integrations  
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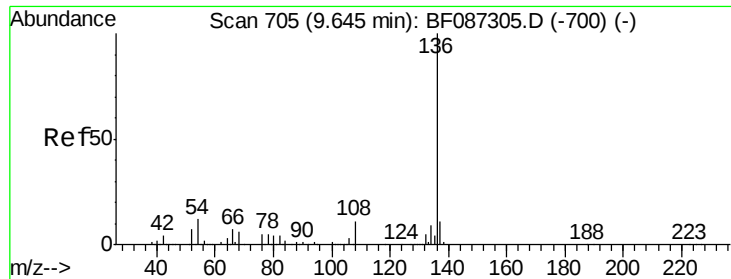
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6/2/2016 5:28:26 PM



#20  
3+4-Methylphenols  
Concen: 48.55 ng  
RT: 8.23 min Scan# 581  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       |        |       |       |
| 108     | 87.8 | 68.5  | 108.5  |       |       |
| 77      | 41.9 | 101.6 | 141.6# |       |       |
| 79      | 31.5 | 7.4   | 47.4   |       |       |





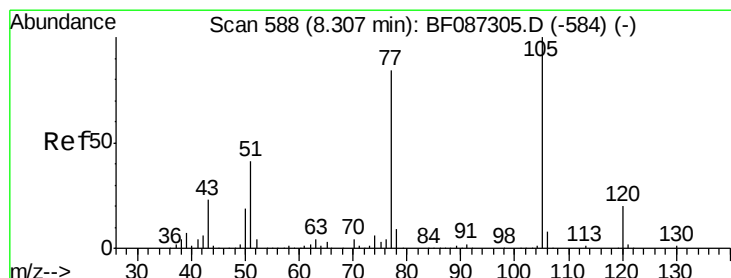
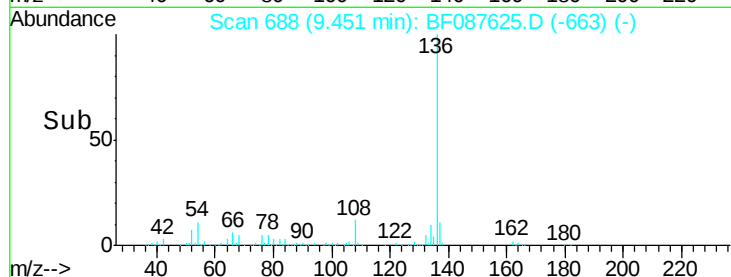
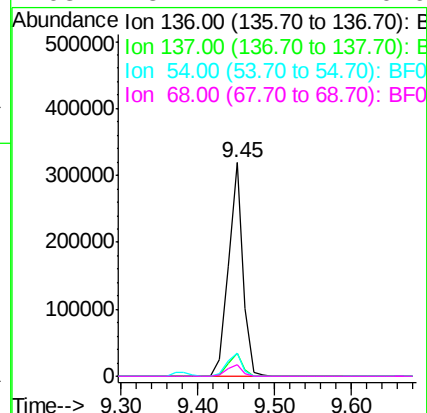
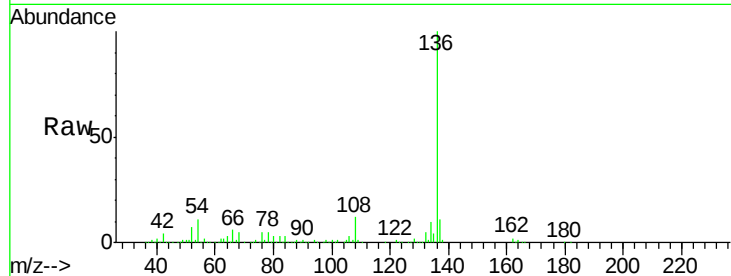
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.45 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 426048 |       |       |
| 137     | 10.9 |       | 8.8    | 13.2  |       |
| 54      | 10.9 |       | 5.0    | 7.4   |       |
| 68      | 5.2  |       | 4.4    | 6.6   |       |

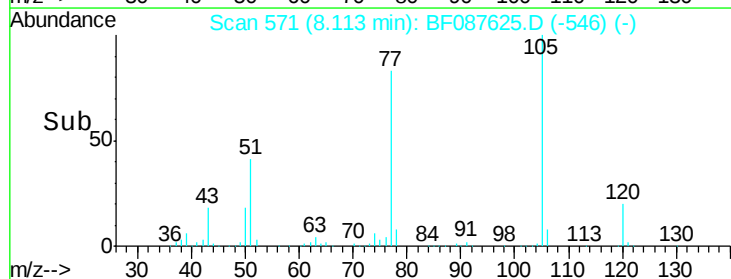
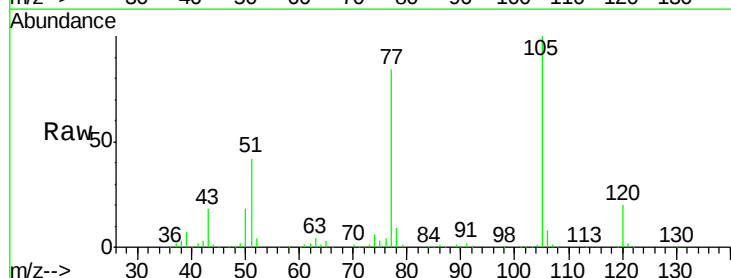
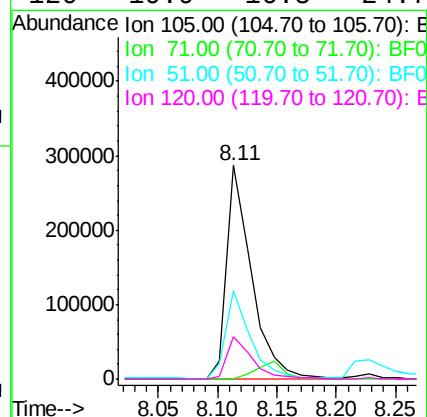
Manual Integrations  
APPROVED

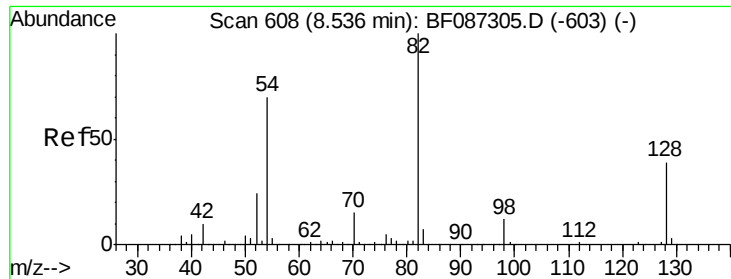
sohil  
6/2/2016 5:28:26 PM



#22  
Acetophenone  
Concen: 41.11 ng  
RT: 8.11 min Scan# 571  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 418412 |       |       |
| 71      | 0.2  |       | 4.8    | 7.2   |       |
| 51      | 41.6 |       | 32.6   | 49.0  |       |
| 120     | 19.9 |       | 16.5   | 24.7  |       |





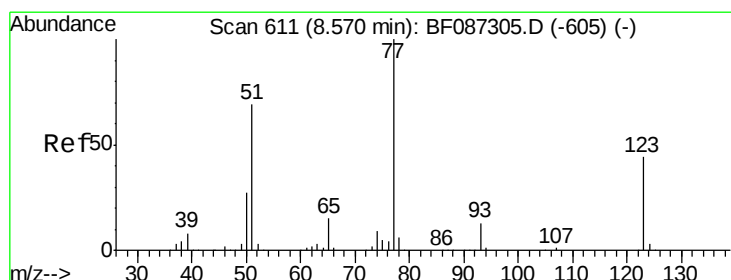
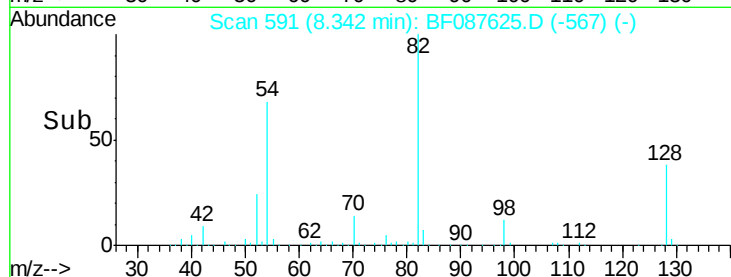
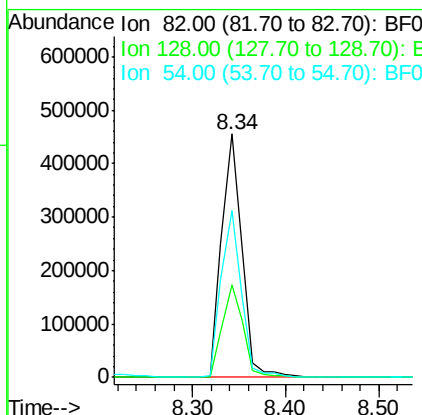
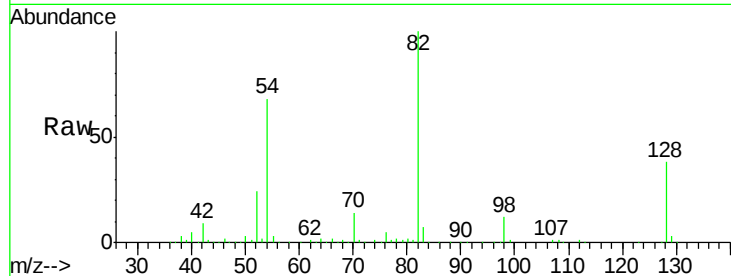
#23  
 Nitrobenzene-d5  
 Concen: 81.86 ng  
 RT: 8.34 min Scan# 591  
 Delta R.T. -0.02 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.3  | 40.6  | 61.0# |
| 54      | 68.3  | 38.1  | 57.1# |

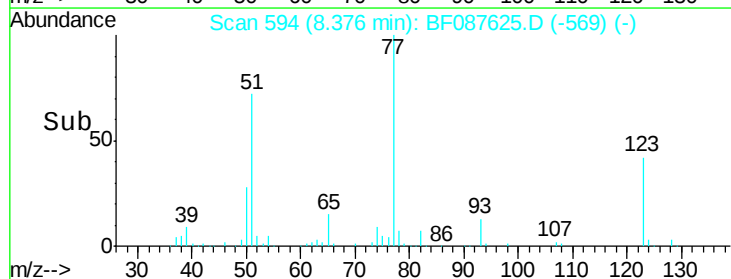
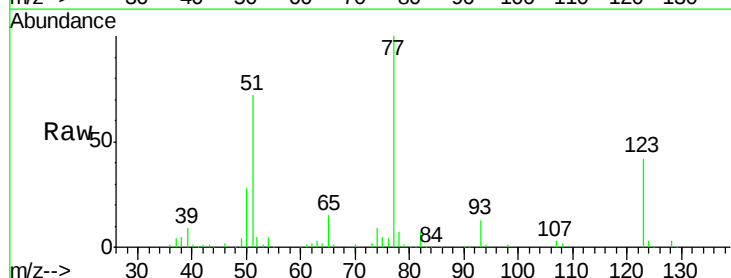
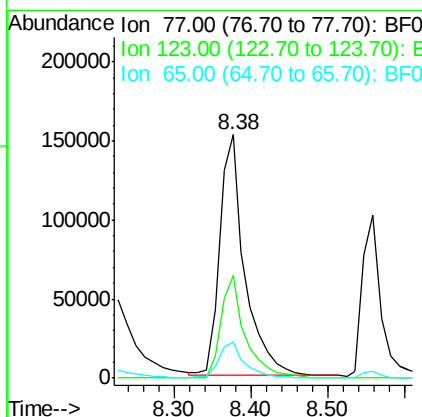
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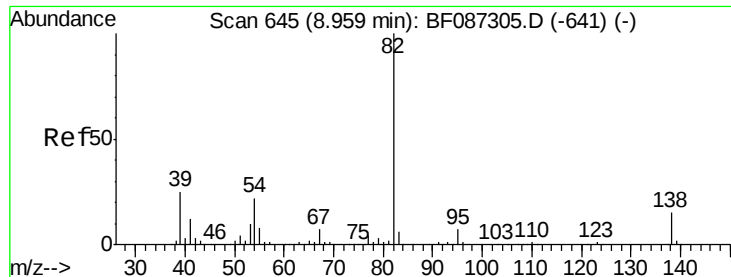
sohil  
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#24  
 Nitrobenzene  
 Concen: 38.95 ng  
 RT: 8.38 min Scan# 594  
 Delta R.T. -0.01 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.2  | 33.0  | 49.4  |
| 65      | 14.9  | 10.8  | 16.2  |





#25

Isophorone

Concen: 39.96 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

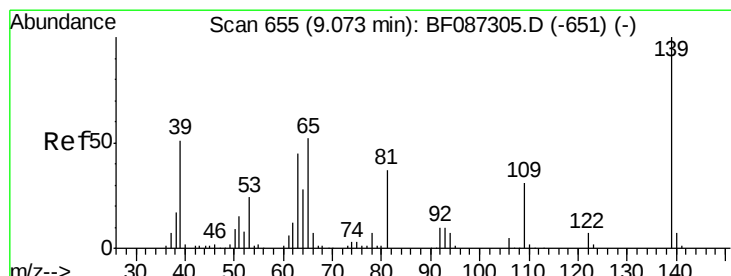
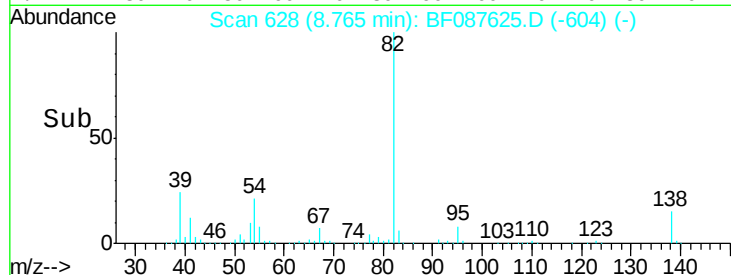
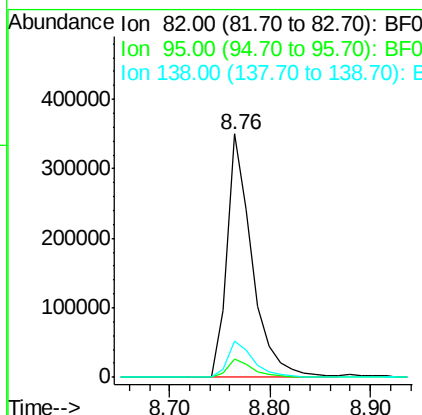
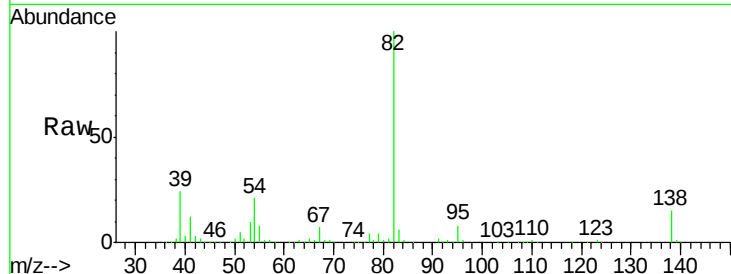
ClientSampleId :

PB91016BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 605803 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.6  | 5.1   | 7.7    |
| 138       | 15.1 | 12.4  | 18.6   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 42.26 ng

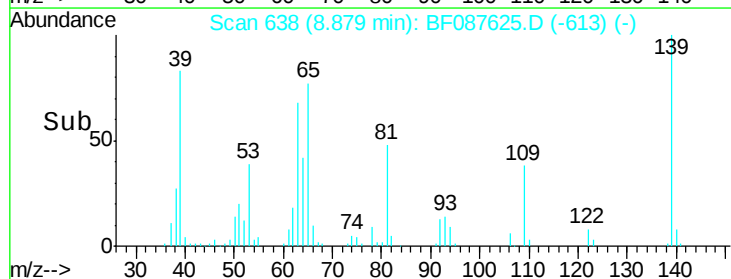
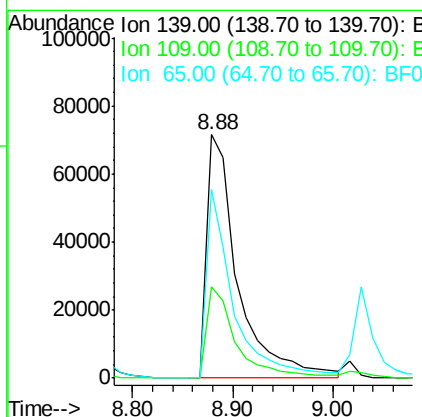
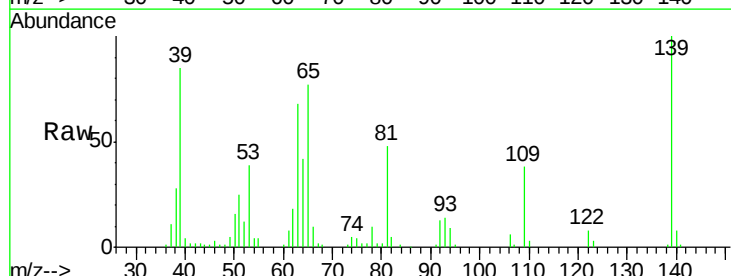
RT: 8.88 min Scan# 638

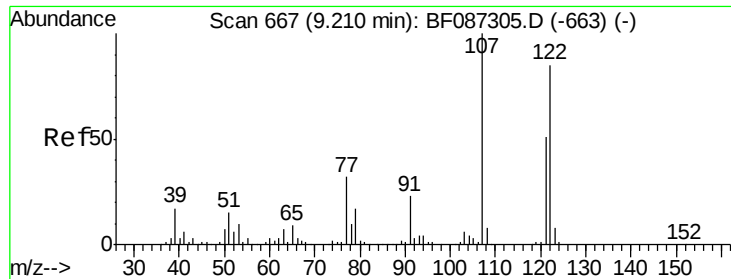
Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 154149 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 37.7 | 19.5  | 29.3#  |
| 65        | 77.5 | 37.5  | 56.3#  |





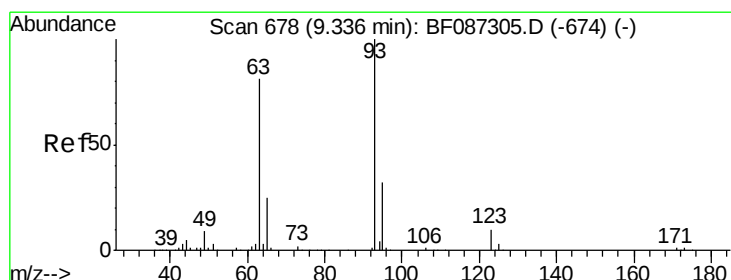
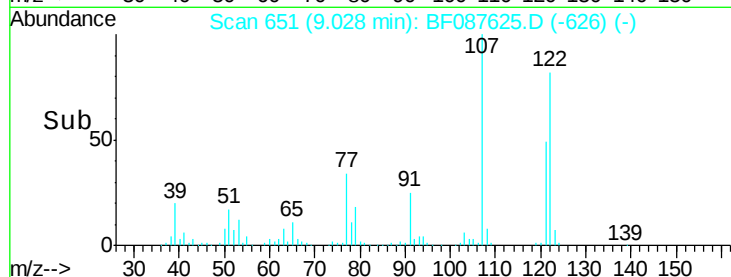
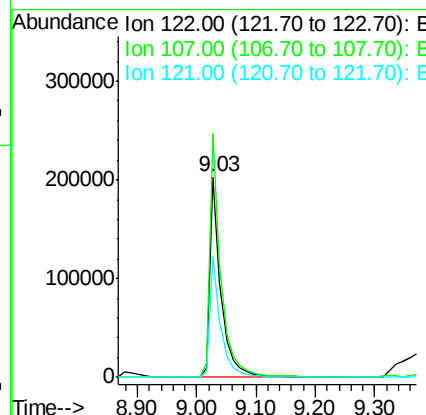
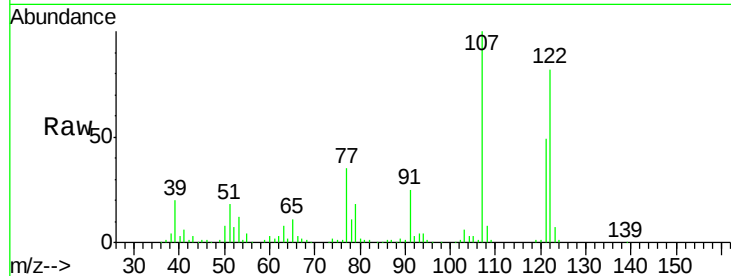
#27  
2,4-Dimethylphenol  
Concen: 42.43 ng  
RT: 9.03 min Scan# 651  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 268636 |       |       |
| 107     | 121.4 | 82.0   | 123.0 |       |
| 121     | 59.9  | 46.1   | 69.1  |       |

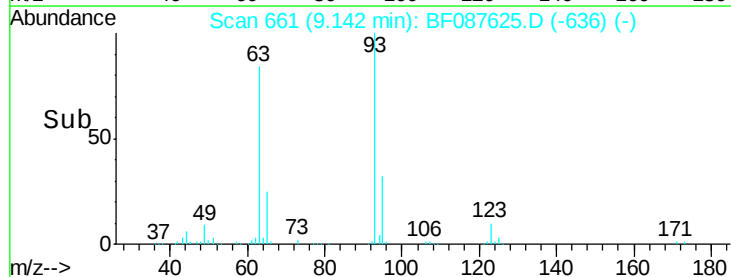
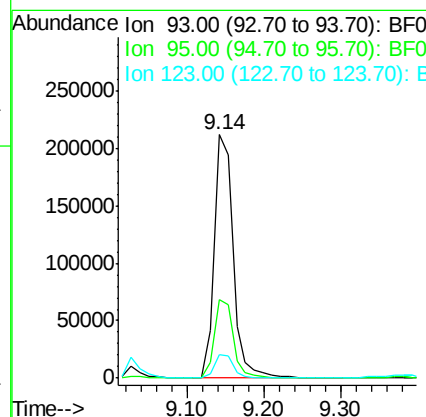
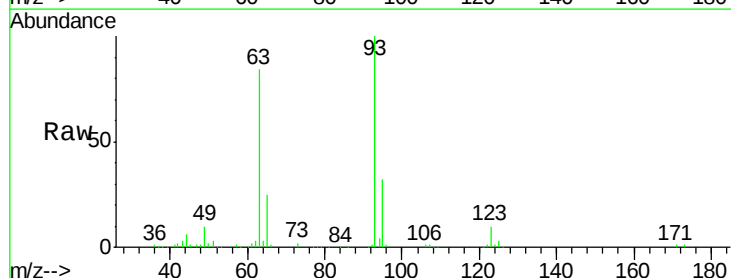
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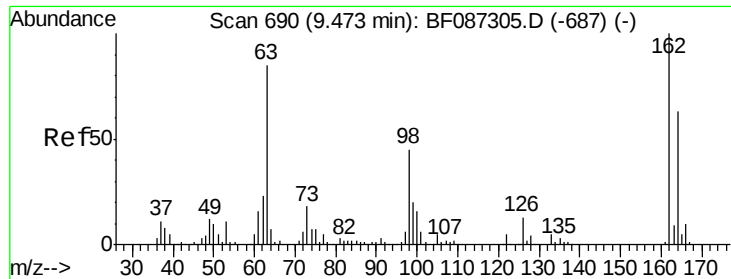
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.31 ng  
RT: 9.14 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 361277 |       |       |
| 95      | 32.2  | 26.0   | 39.0  |       |
| 123     | 9.7   | 9.5    | 14.3  |       |





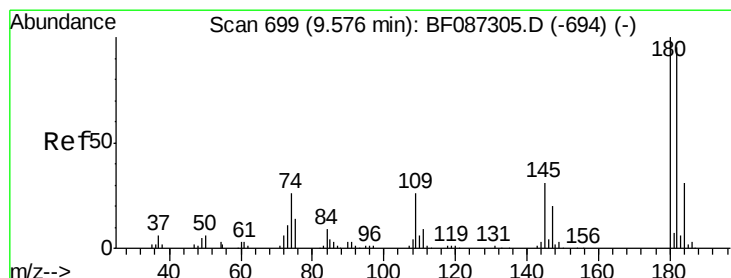
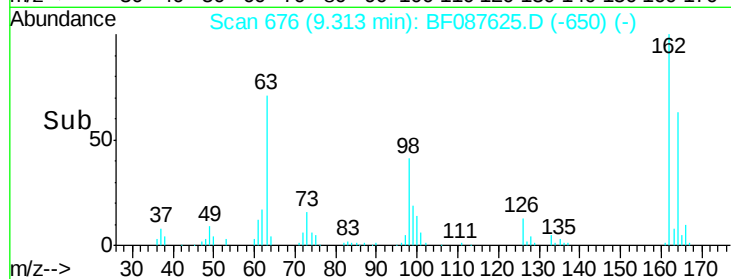
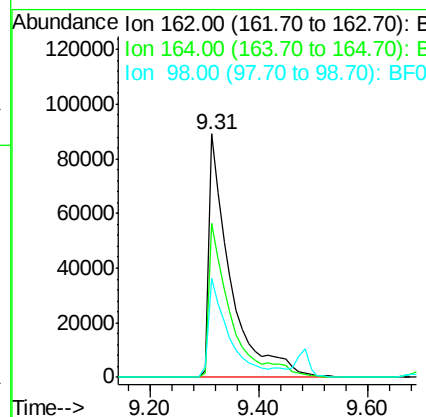
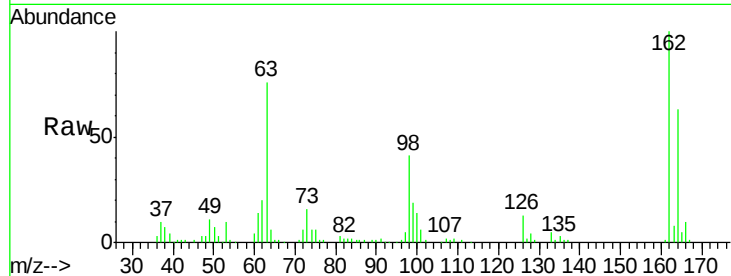
#29  
 2,4-Dichlorophenol  
 Concen: 42.87 ng  
 RT: 9.31 min Scan# 676  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.2  | 42.2       | 82.2  |
| 98      | 40.6  | 19.0       | 59.0  |

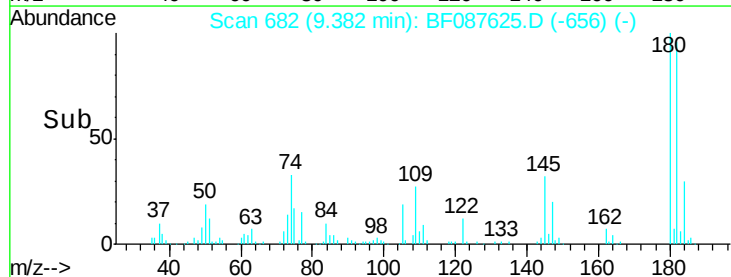
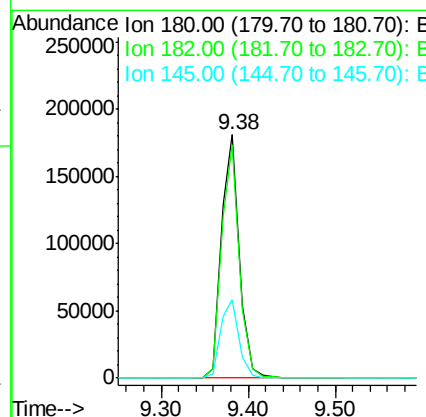
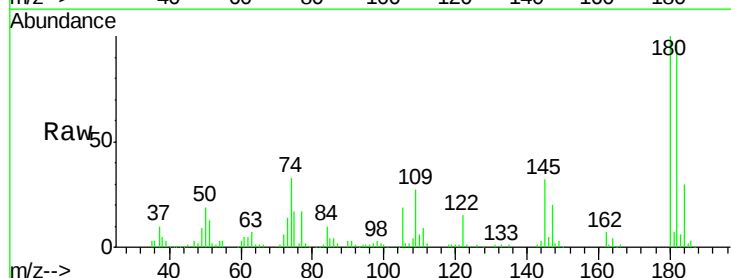
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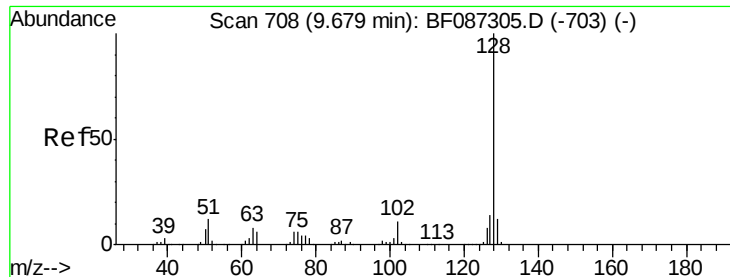
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.99 ng  
 RT: 9.38 min Scan# 682  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.8  | 78.0       | 117.0 |
| 145     | 32.4  | 24.2       | 36.2  |





#31

Naphthalene

Concen: 40.51 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

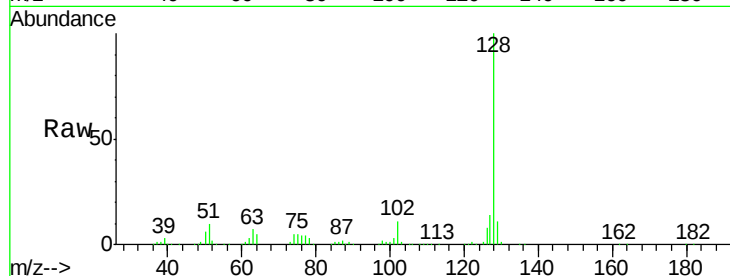
ClientSampleId :

PB91016BSD

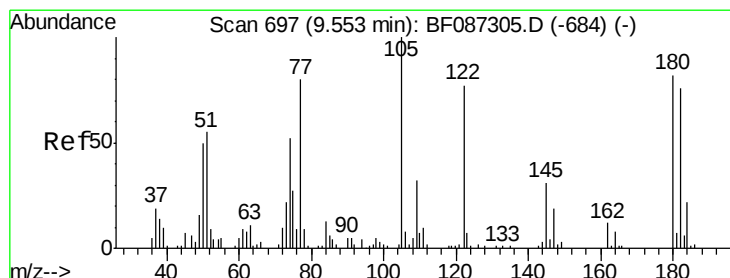
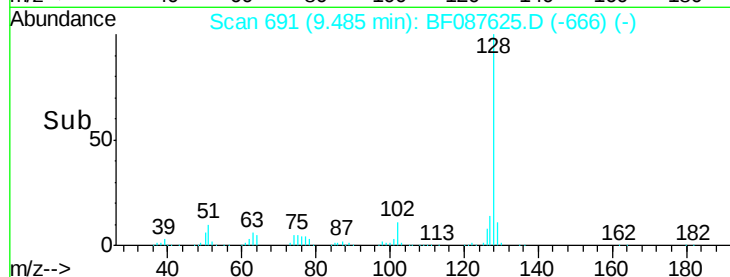
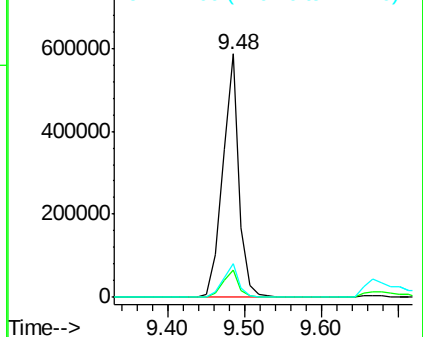
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 864843 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.1  | 8.6   | 13.0   |
| 127       | 13.7  | 10.8  | 16.2   |

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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: 36.91 ng

RT: 9.39 min Scan# 683

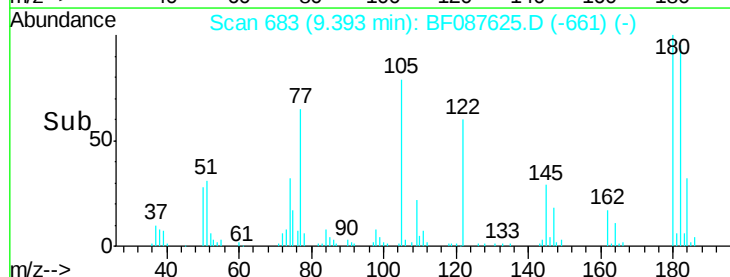
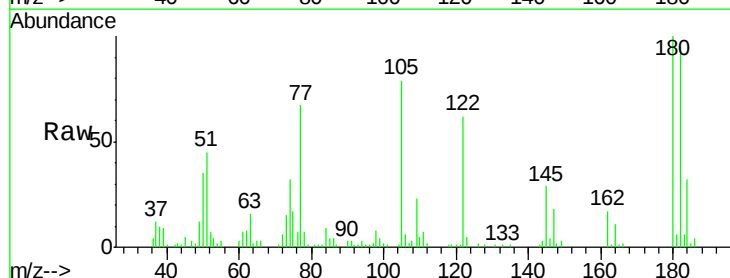
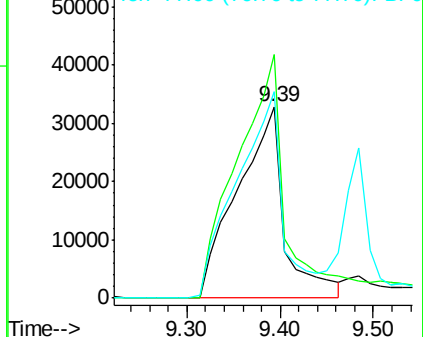
Delta R.T. -0.05 min

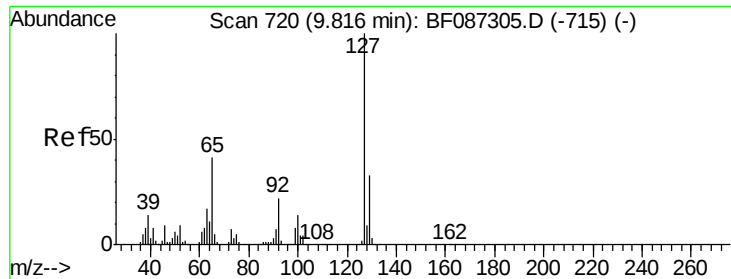
Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 115375 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 127.1 | 92.6  | 132.6  |
| 77        | 108.0 | 60.0  | 100.0# |

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





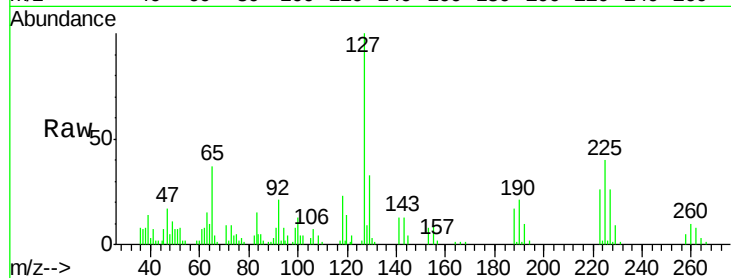
#33  
4-Chloroaniline  
Concen: 20.49 ng  
RT: 9.67 min Scan# 707  
Delta R.T. 0.02 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

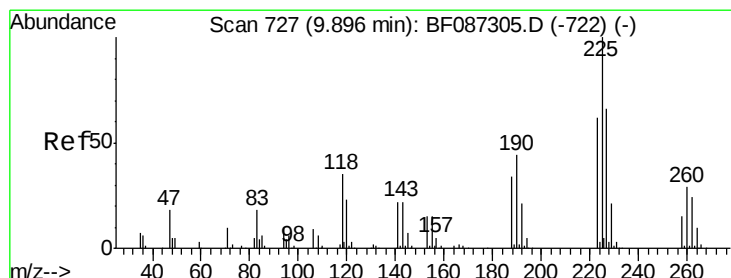
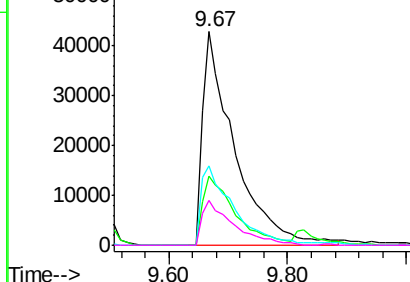
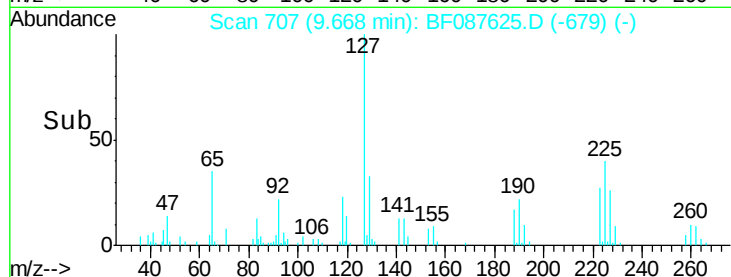
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.6 | 26.2  | 39.4 |       |       |
| 65      | 37.3 | 23.0  | 34.4 |       |       |
| 92      | 21.2 | 15.1  | 22.7 |       |       |

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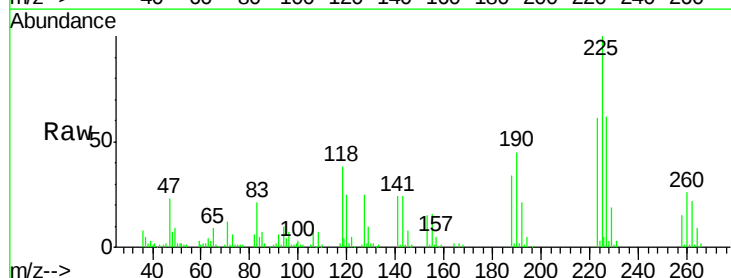


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

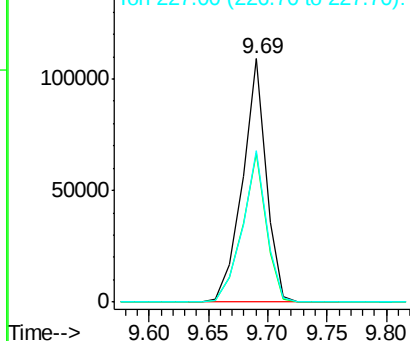
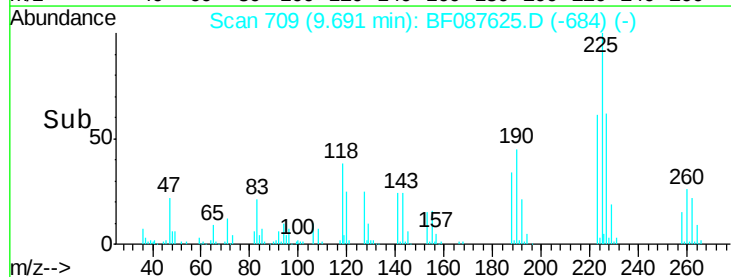


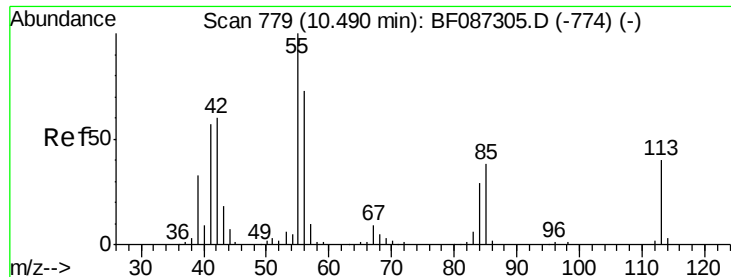
#34  
Hexachlorobutadiene  
Concen: 38.54 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.3 | 51.5  | 77.3 |       |       |
| 227     | 62.1 | 52.2  | 78.2 |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





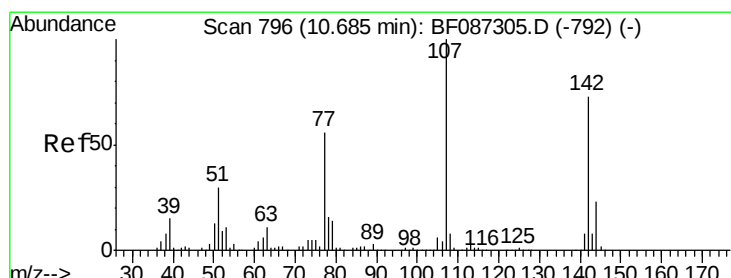
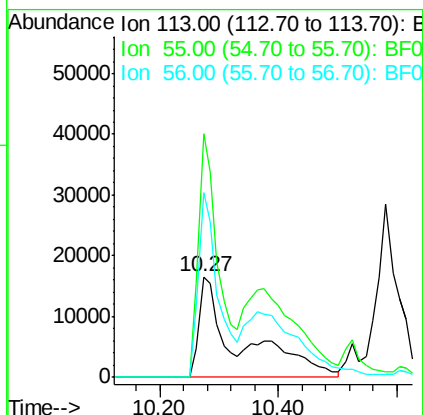
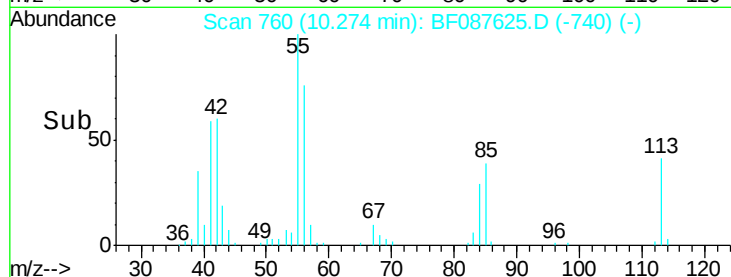
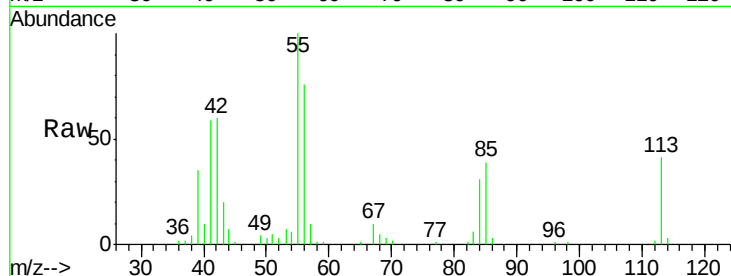
#35  
 Caprolactam  
 Concen: 46.38 ng/ml  
 RT: 10.27 min Scan# 760  
 Delta R.T. -0.07 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 242.3 | 162.0 | 202.0# |
| 56      | 183.8 | 115.3 | 155.3# |

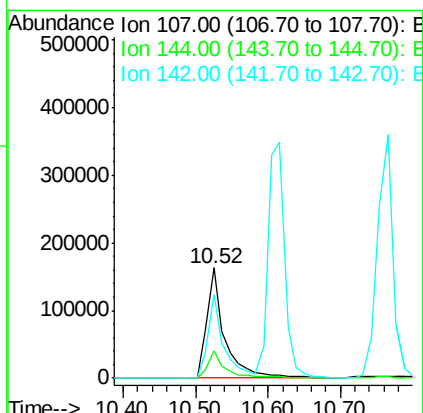
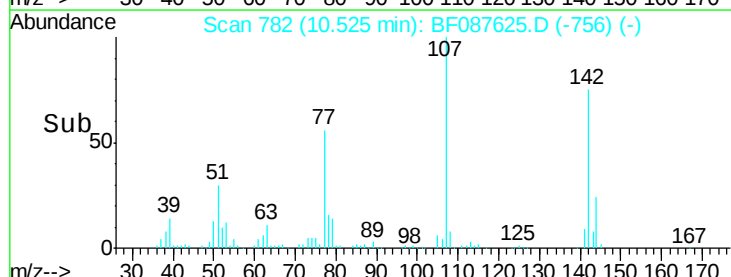
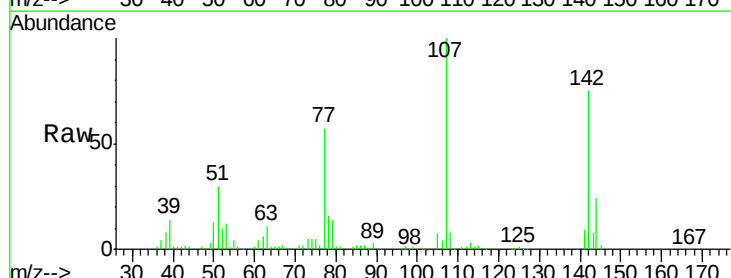
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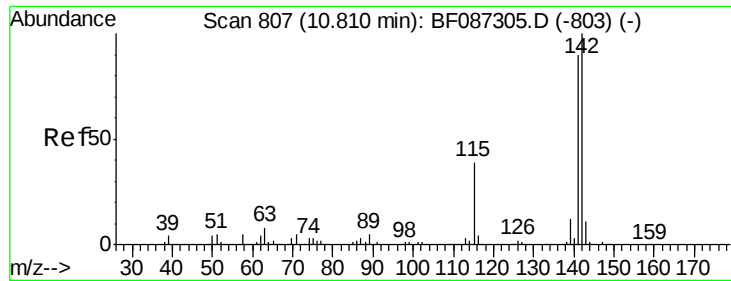
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#36  
 4-Chloro-3-methylphenol  
 Concen: 43.39 ng/ml  
 RT: 10.52 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.3  | 20.7  | 31.1  |
| 142     | 75.2  | 63.2  | 94.8  |





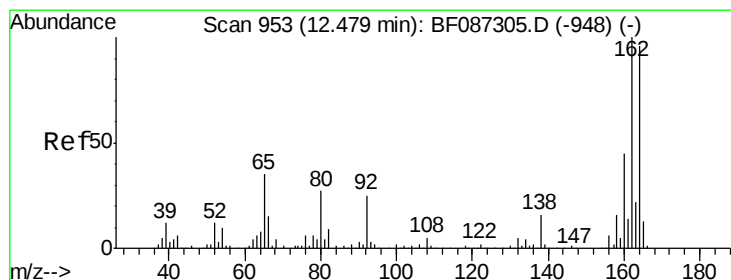
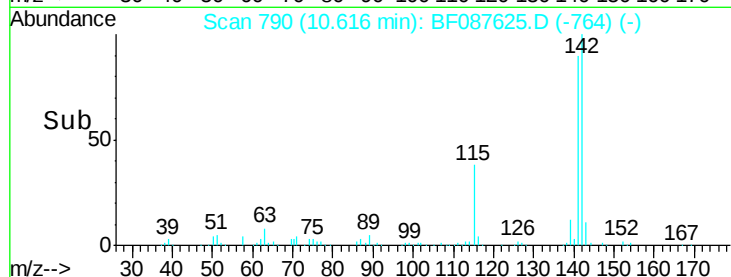
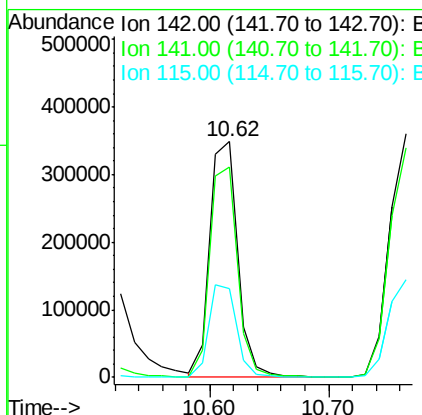
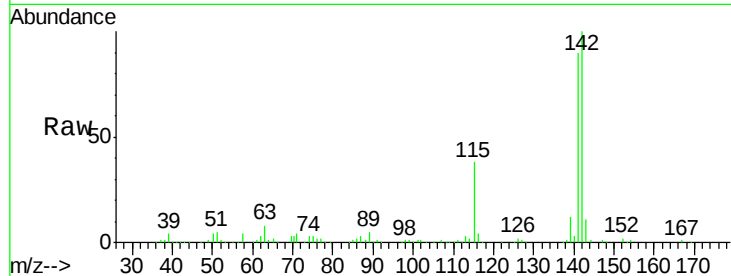
#37  
2-Methylnaphthalene  
Concen: 42.52 ng  
RT: 10.62 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.0  | 106.6 |
| 115     | 37.6  | 26.6  | 39.8  |

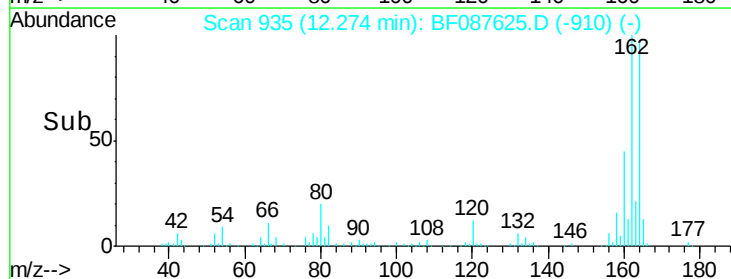
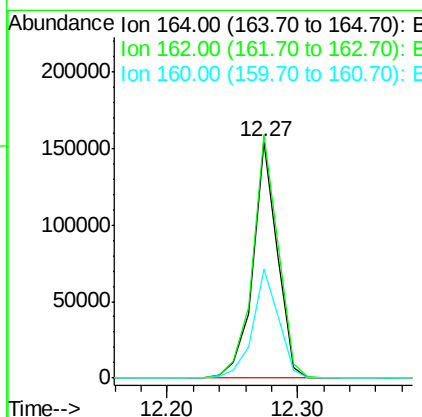
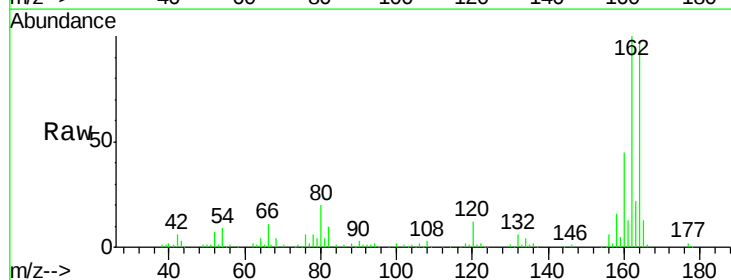
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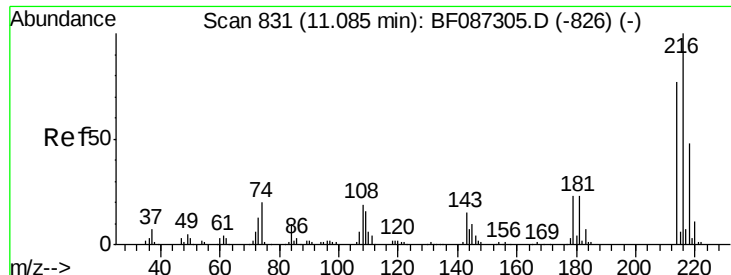
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.27 min Scan# 935  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.2 | 82.8  | 124.2 |
| 160     | 46.4  | 36.9  | 55.3  |





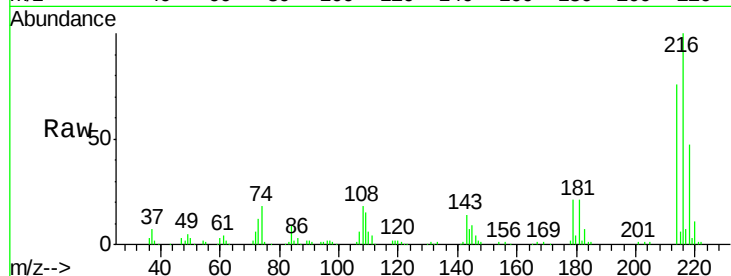
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.51 ng  
 RT: 10.89 min Scan# 814  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

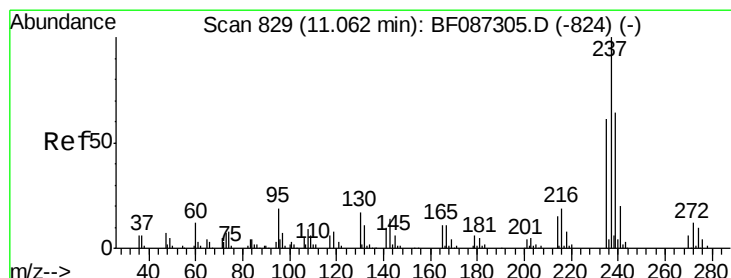
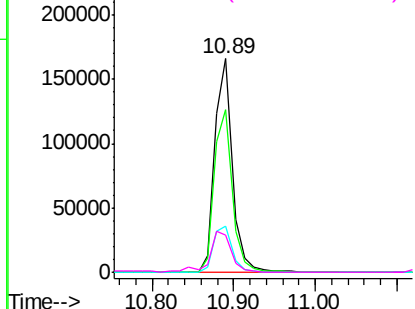
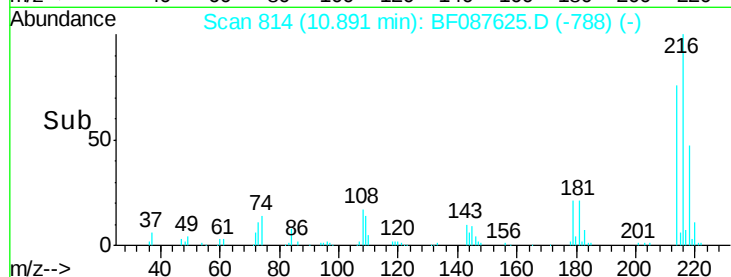
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 249269 |       |       |
| 214     | 78.6  | 62.6   | 93.8  |       |
| 179     | 23.3  | 18.2   | 27.4  |       |
| 108     | 23.3  | 17.5   | 26.3  |       |

Manual Integrations  
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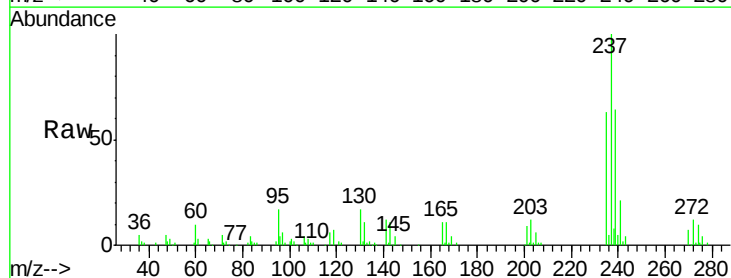


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

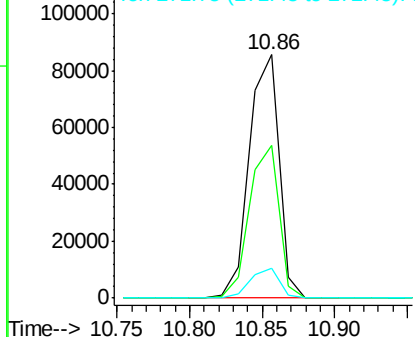
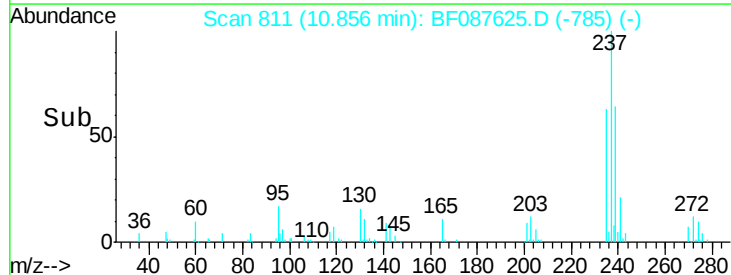


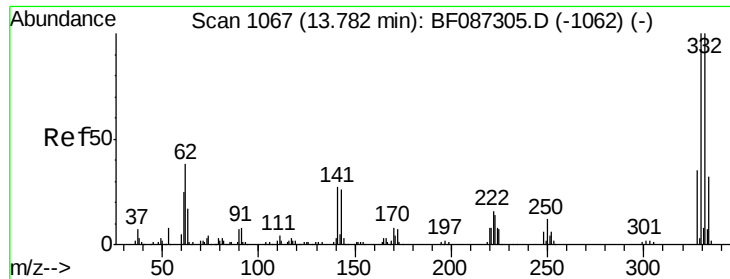
#40  
 Hexachlorocyclopentadiene  
 Concen: 49.93 ng  
 RT: 10.86 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 122236 |       |       |
| 235     | 62.6  | 47.2   | 87.2  |       |
| 272     | 12.2  | 0.0    | 31.1  |       |



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





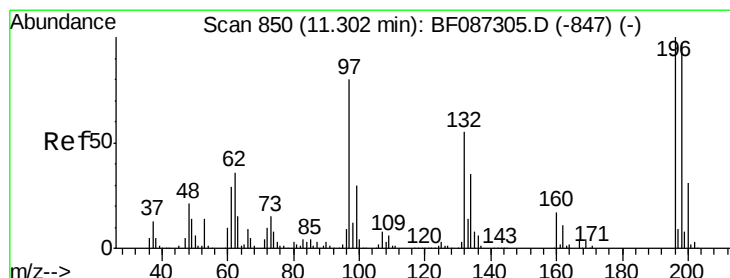
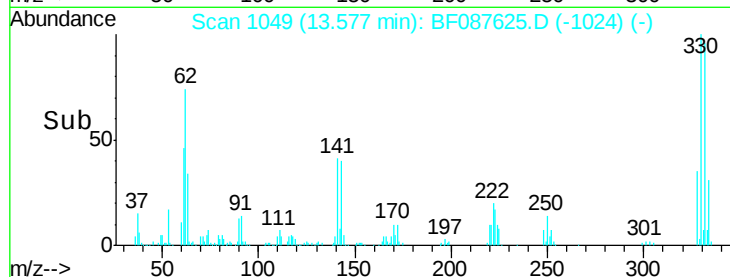
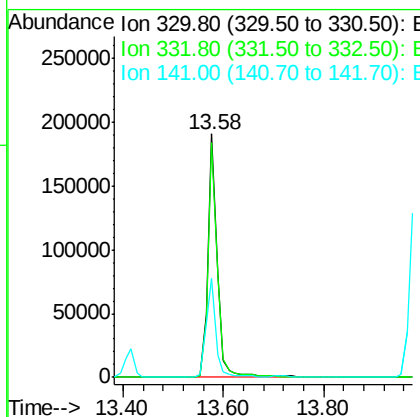
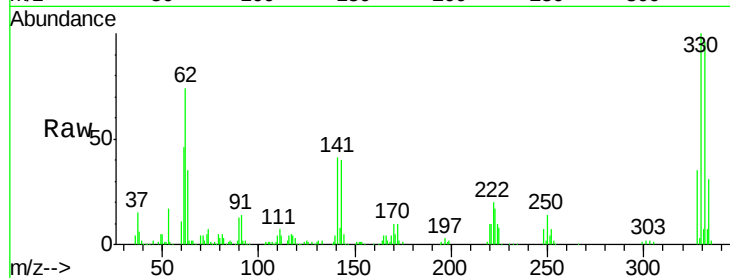
#41  
 2,4,6-Tribromophenol  
 Concen: 128.61 ng  
 RT: 13.58 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 249895 |       |       |
| 332     | 96.7  |        | 79.0  | 118.4 |
| 141     | 41.9  |        | 31.2  | 46.8  |

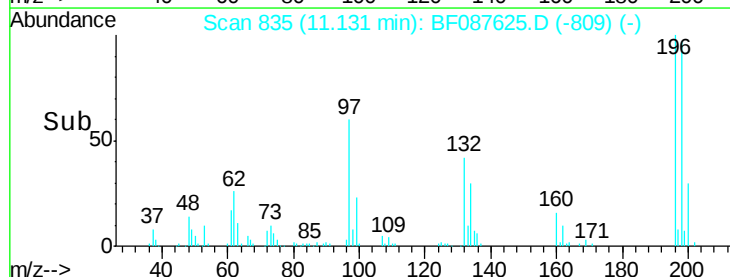
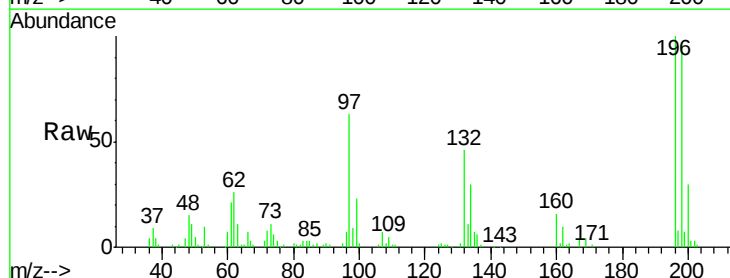
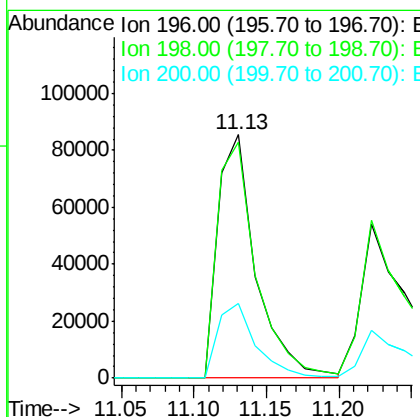
Manual Integrations  
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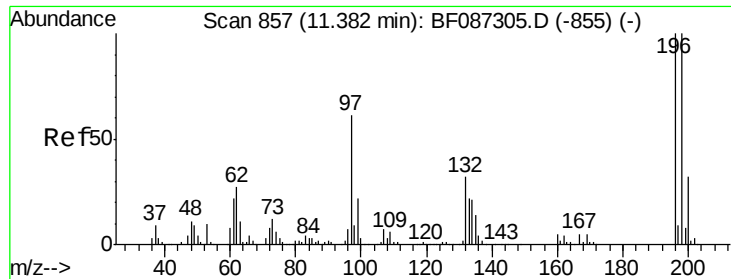
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#42  
 2,4,6-Trichlorophenol  
 Concen: 41.77 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 156056 |       |       |
| 198     | 97.1  |        | 74.7  | 112.1 |
| 200     | 30.5  |        | 23.8  | 35.6  |





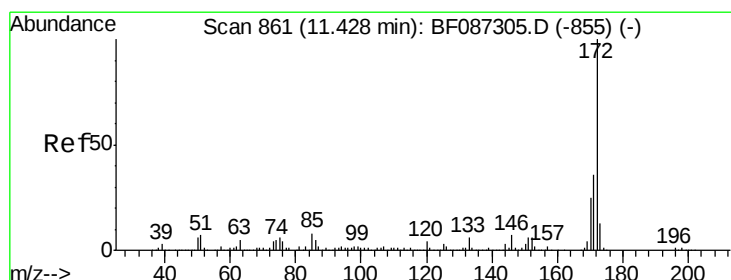
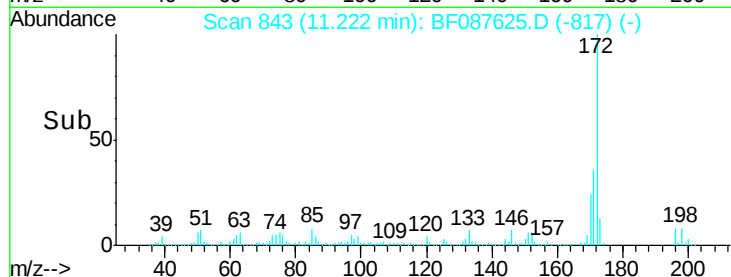
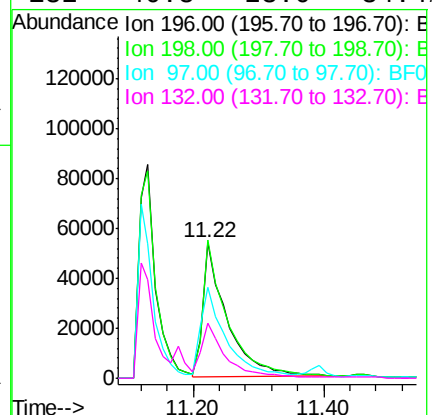
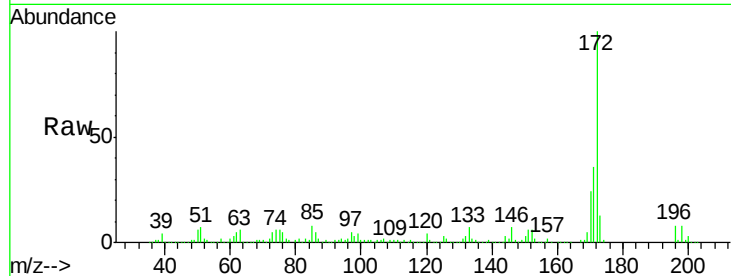
#43  
2,4,5-Trichlorophenol  
Concen: 36.73 ng  
RT: 11.22 min Scan# 843  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 139726 |       |       |
| 198     | 102.3 | 77.5   | 116.3 |       |
| 97      | 67.1  | 34.8   | 52.2  |       |
| 132     | 40.8  | 23.0   | 34.4  |       |

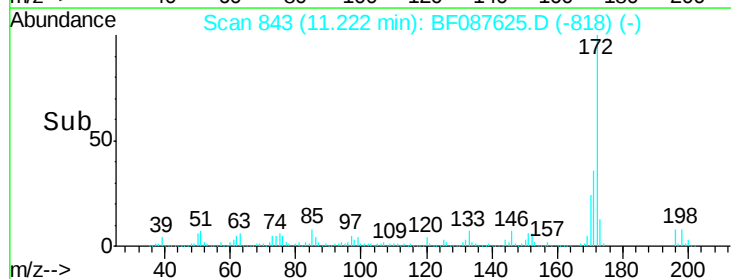
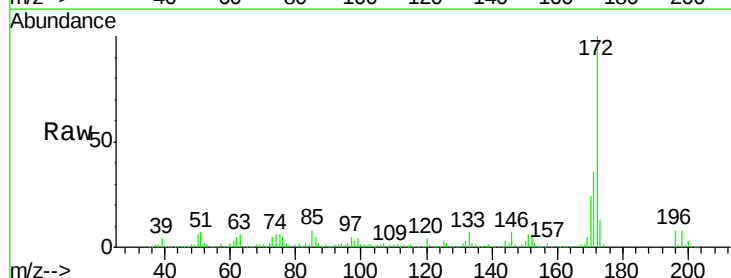
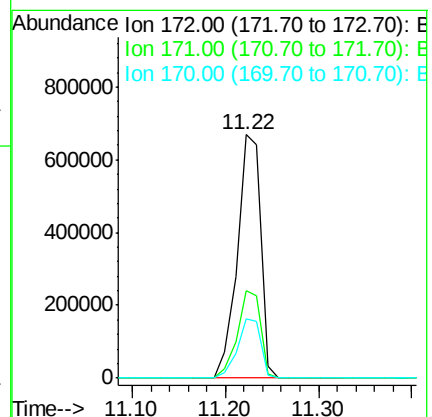
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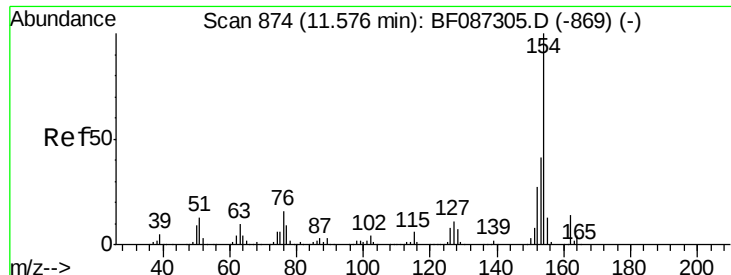
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#44  
2-Fluorobiphenyl  
Concen: 81.57 ng  
RT: 11.22 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1169908 |       |       |
| 171     | 36.0  | 29.0    | 43.6  |       |
| 170     | 24.3  | 19.8    | 29.8  |       |





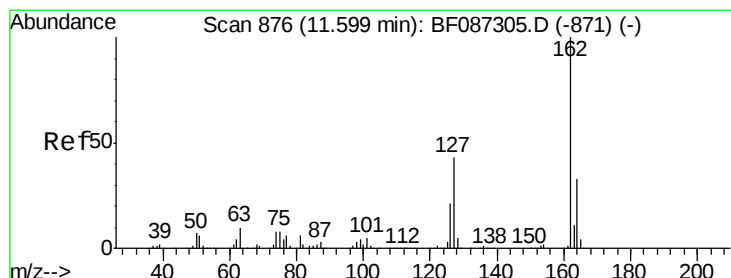
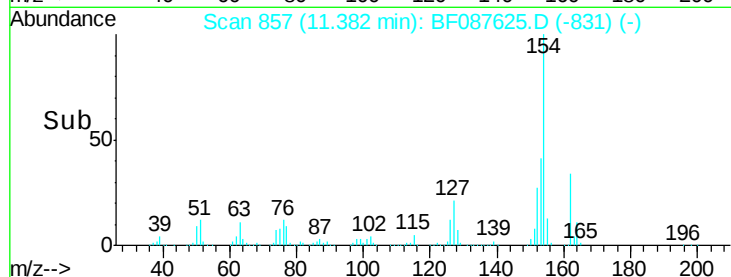
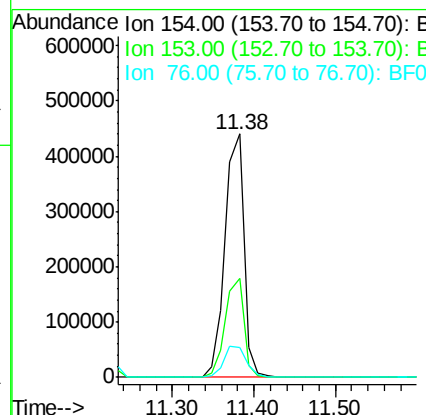
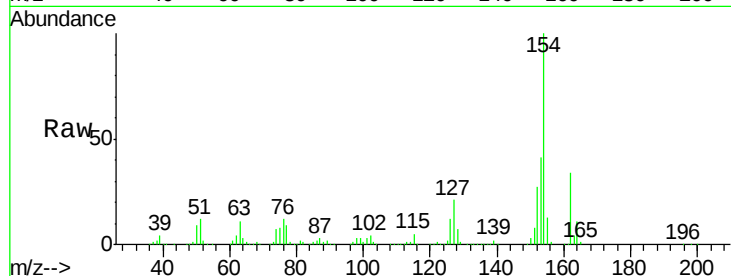
#45  
 1,1'-Biphenyl  
 Concen: 41.86 ng  
 RT: 11.38 min Scan# 857  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 712571 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.9  | 20.3  | 60.3   |
| 76        | 12.3  | 0.0   | 30.2   |

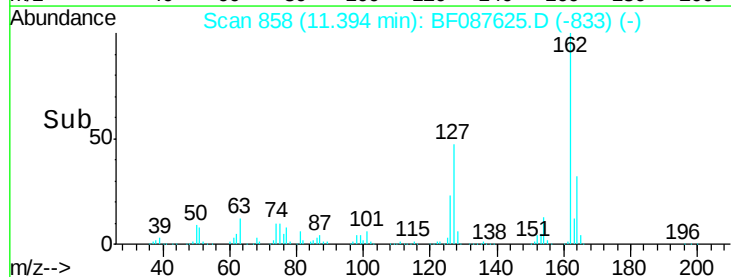
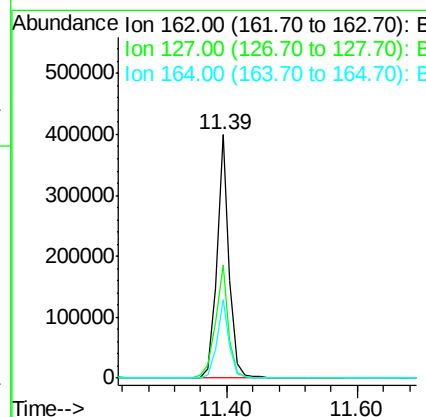
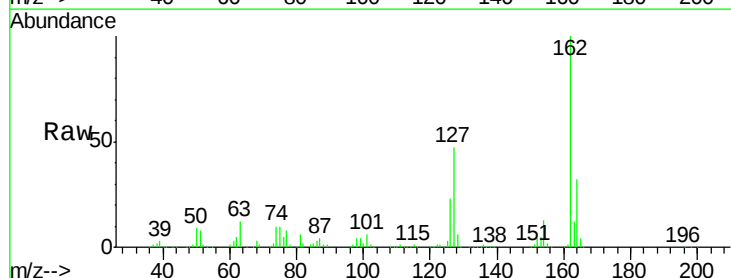
Manual Integrations  
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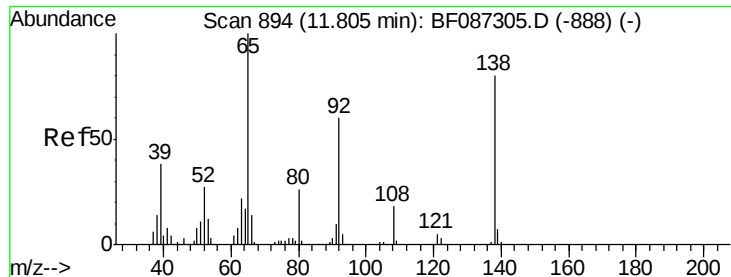
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#46  
 2-Chloronaphthalene  
 Concen: 40.07 ng  
 RT: 11.39 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 521832 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 46.5  | 31.8  | 47.6   |
| 164       | 32.4  | 27.0  | 40.6   |





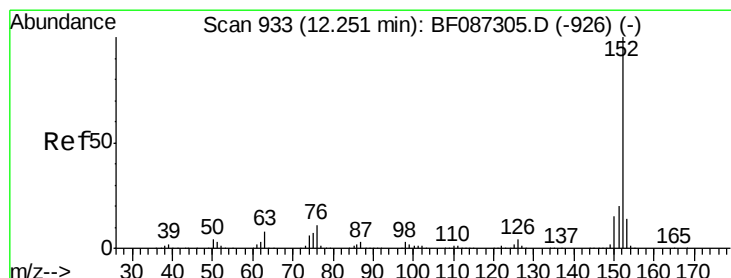
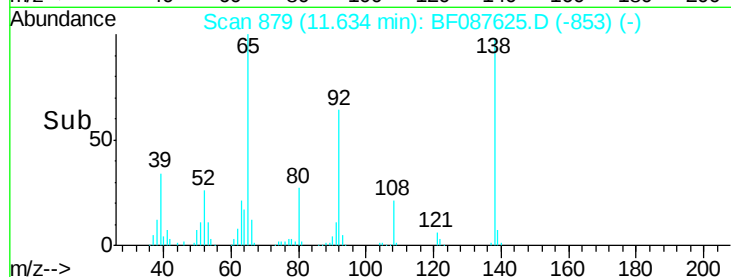
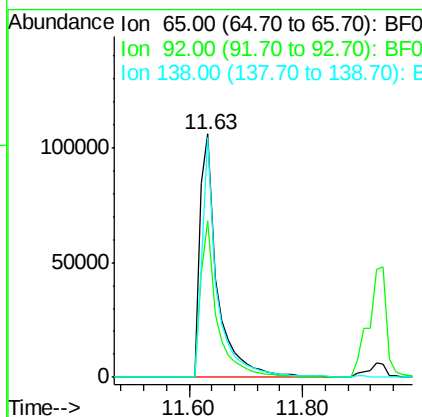
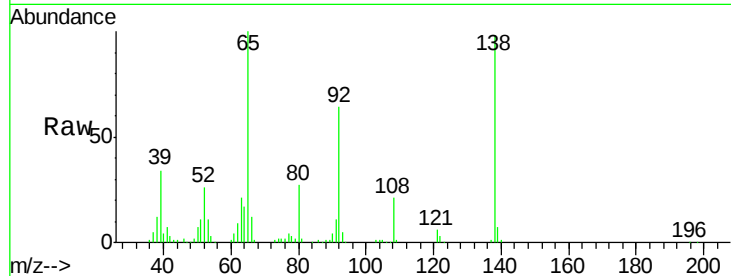
#47  
2-Nitroaniline  
Concen: 46.60 ng  
RT: 11.63 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.3  | 57.4  | 86.2  |
| 138     | 98.2  | 90.1  | 135.1 |

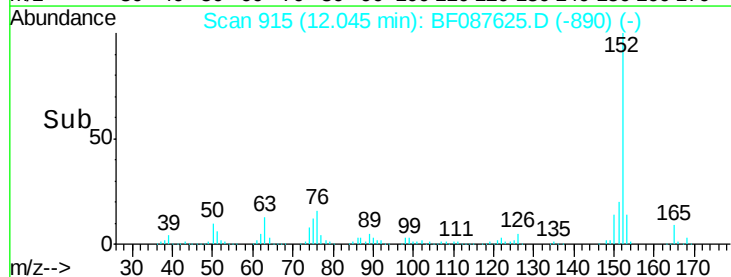
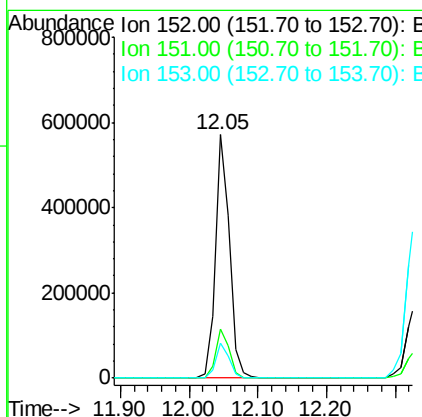
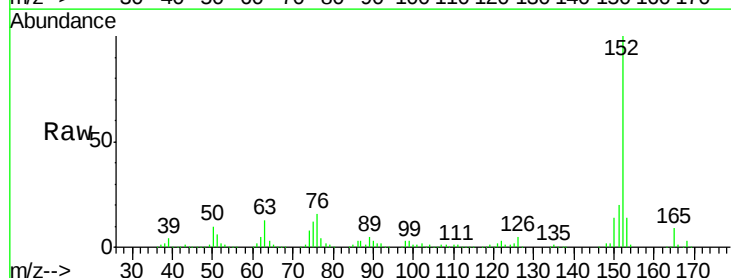
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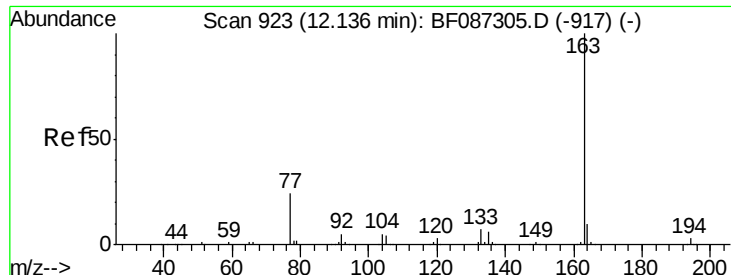
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#48  
Acenaphthylene  
Concen: 40.01 ng  
RT: 12.05 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 16.8  | 25.2  |
| 153     | 14.1  | 10.9  | 16.3  |





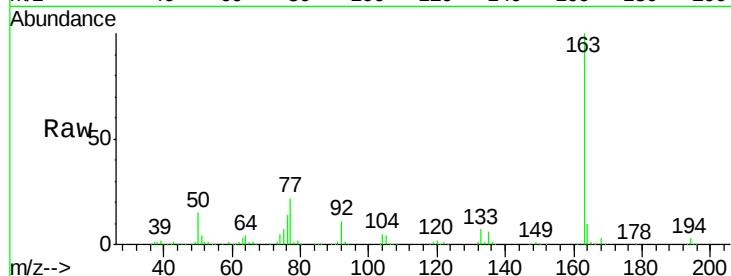
#49  
Dimethylphthalate  
Concen: 40.35 ng  
RT: 11.94 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

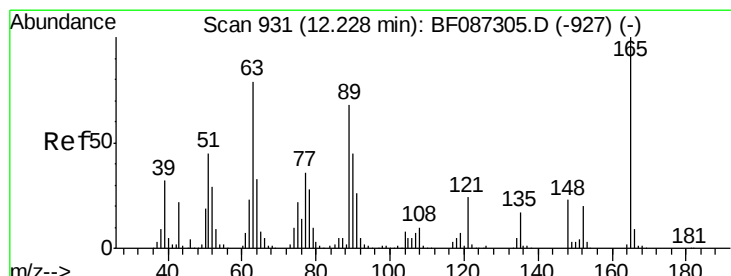
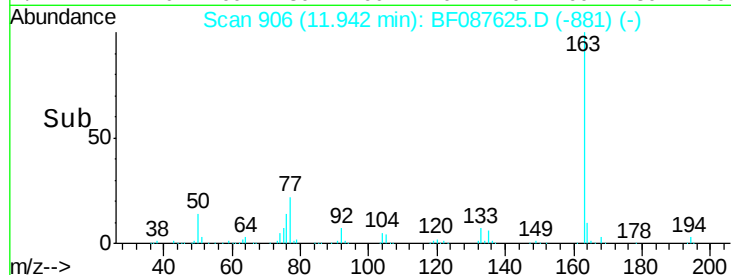
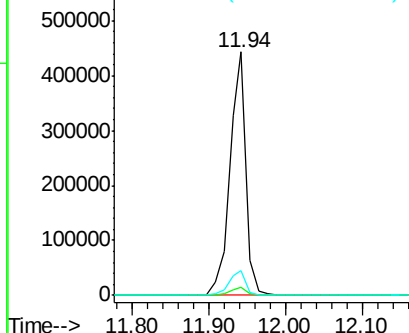
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 653531 |       |       |
| 194     | 3.3   |        | 2.6   | 4.0   |
| 164     | 10.0  |        | 8.2   | 12.4  |

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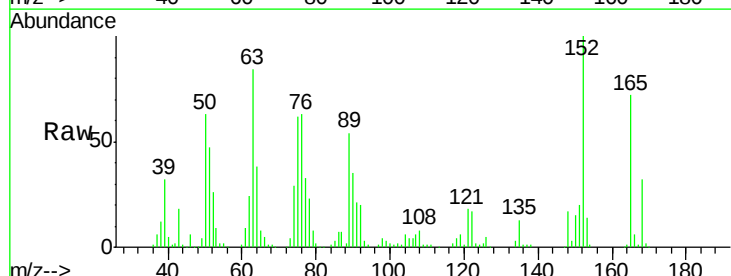


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

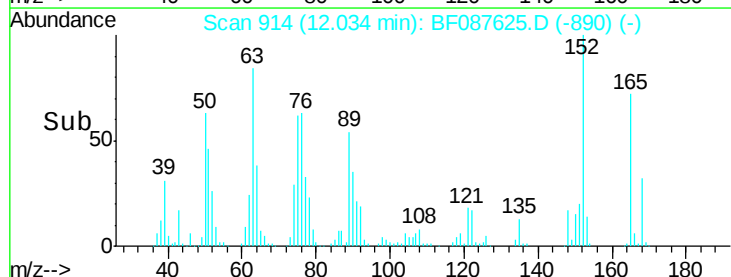
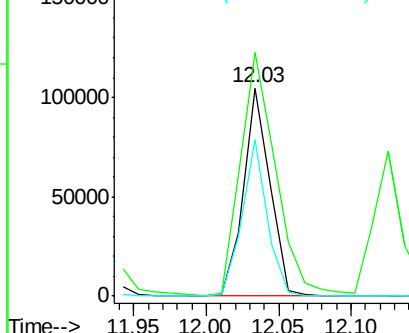


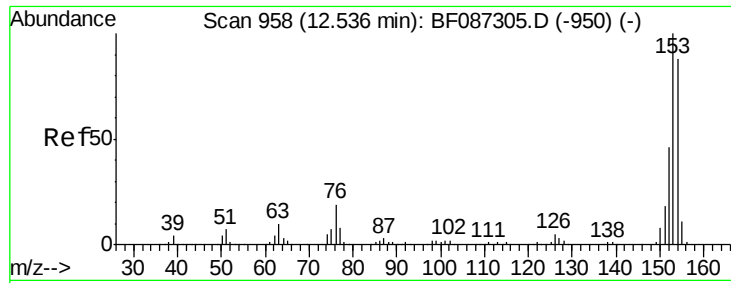
#50  
2,6-Dinitrotoluene  
Concen: 40.32 ng  
RT: 12.03 min Scan# 914  
Delta R.T. -0.02 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 131607 |       |       |
| 63      | 117.0 |        | 51.8  | 77.8# |
| 89      | 75.4  |        | 50.7  | 76.1  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





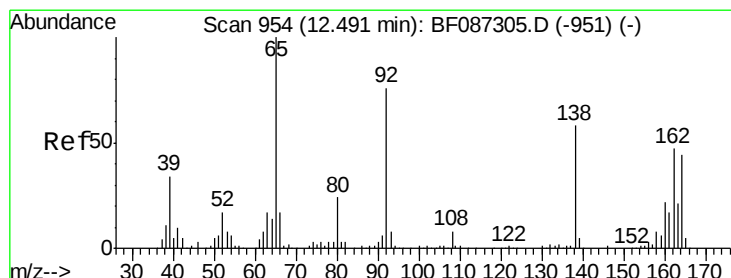
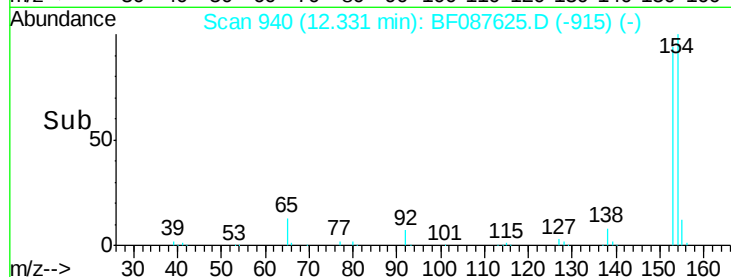
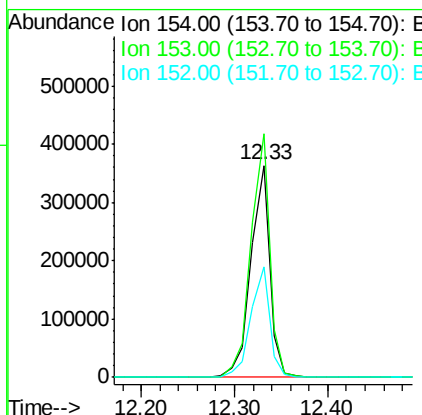
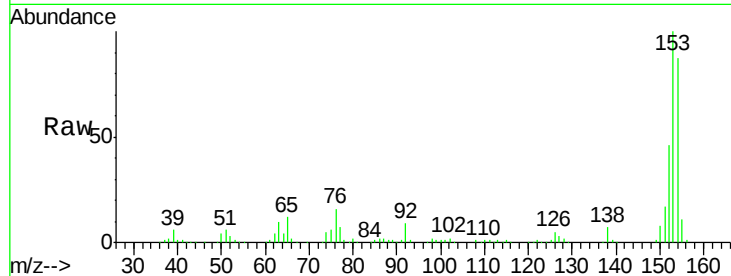
#51  
Acenaphthene  
Concen: 40.40 ng  
RT: 12.33 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.9 | 89.8  | 134.6 |
| 152     | 52.4  | 43.4  | 65.0  |

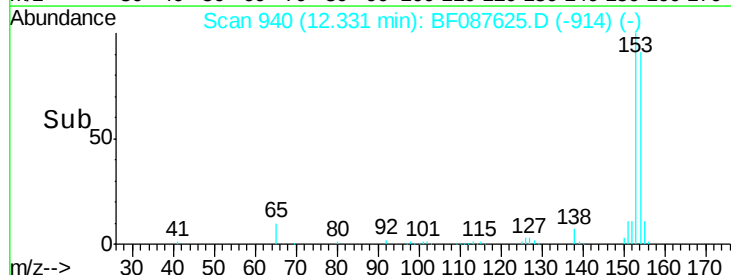
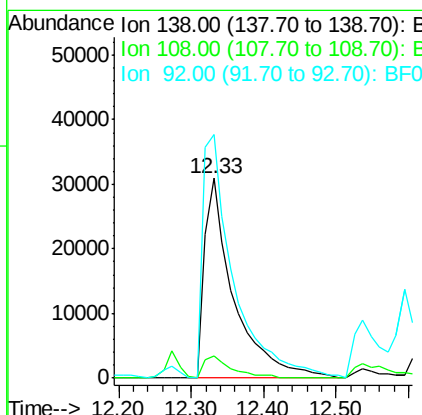
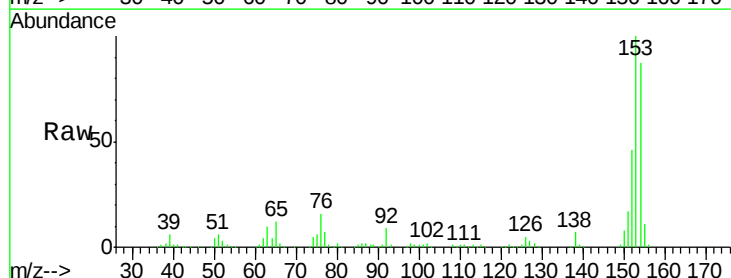
Manual Integrations  
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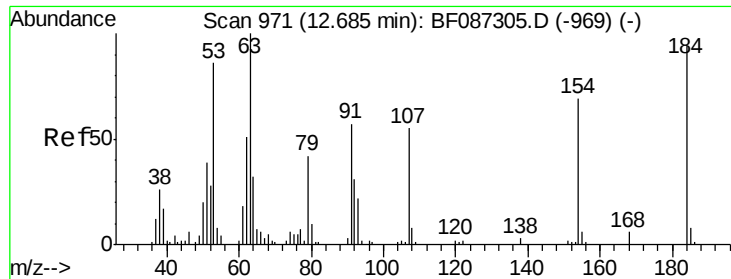
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#52  
3-Nitroaniline  
Concen: 25.79 ng  
RT: 12.33 min Scan# 940  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 7.8   | 11.6  |
| 92      | 121.9 | 87.8  | 131.8 |





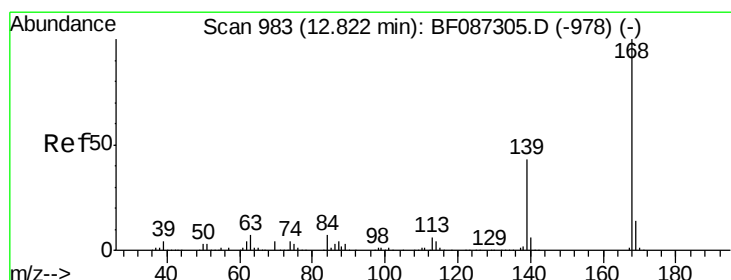
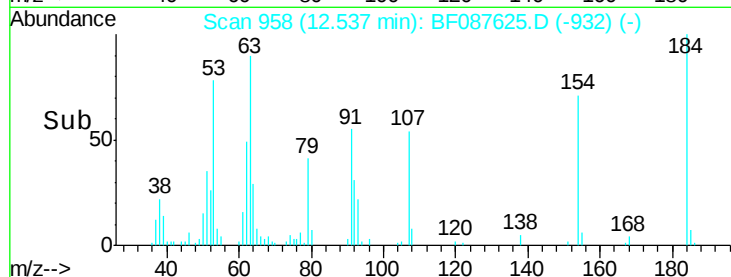
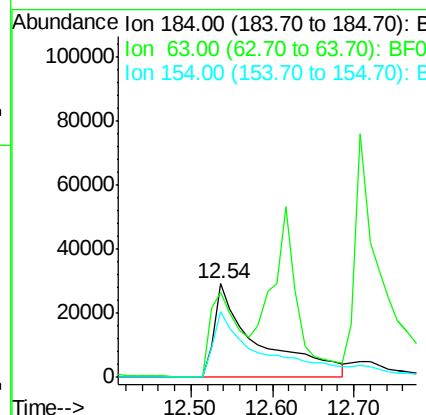
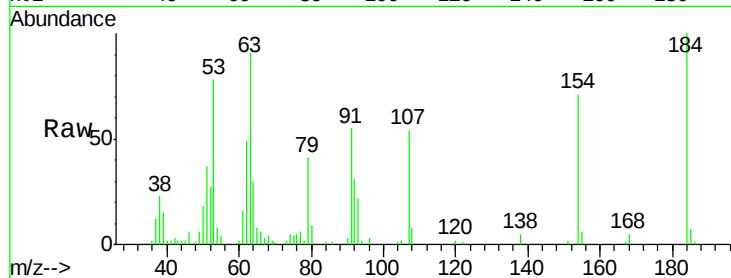
#53  
2,4-Dinitrophenol  
Concen: 66.41 ng  
RT: 12.54 min Scan# 958  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 108913 |       |       |
| 63      | 91.3  | 55.8   | 83.8# |       |
| 154     | 70.7  | 62.4   | 93.6  |       |

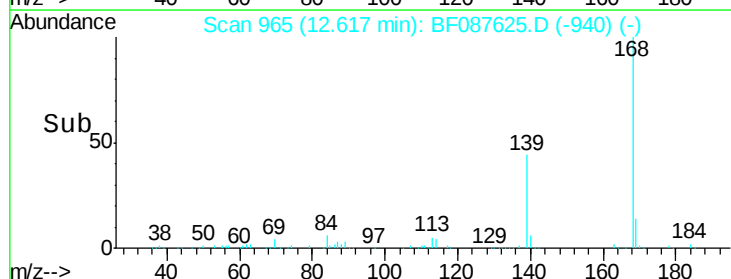
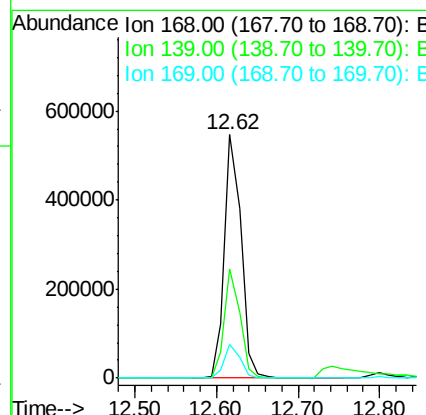
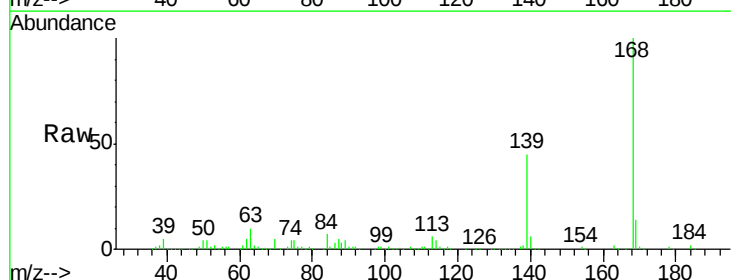
Manual Integrations  
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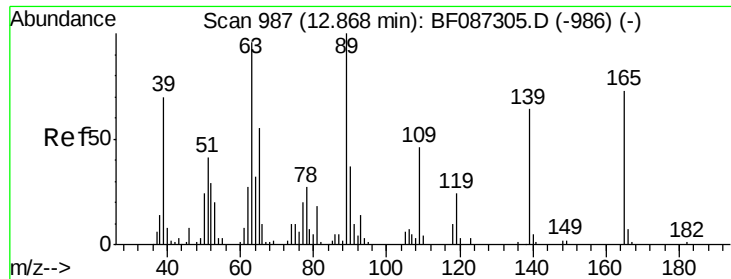
sohil  
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#54  
Dibenzofuran  
Concen: 44.84 ng  
RT: 12.62 min Scan# 965  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 769442 |       |       |
| 139     | 44.8  | 31.4   | 47.0  |       |
| 169     | 14.0  | 10.7   | 16.1  |       |





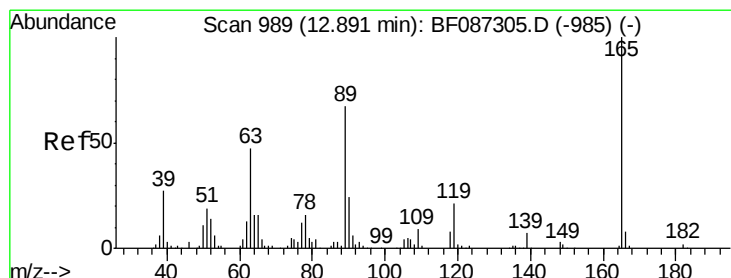
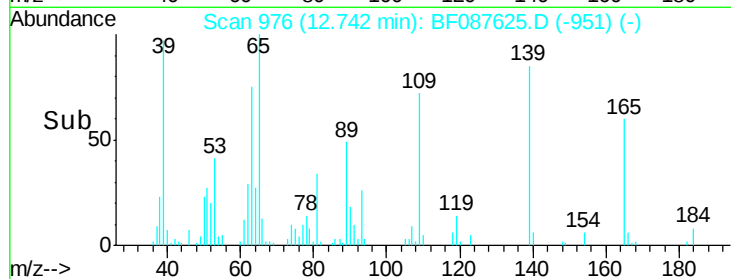
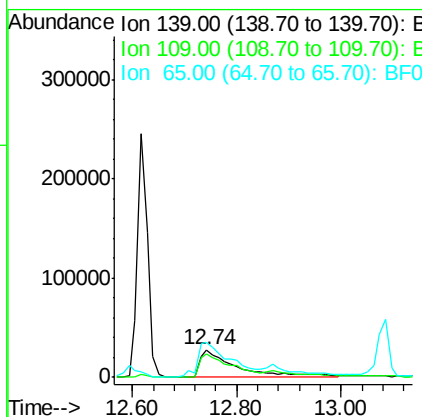
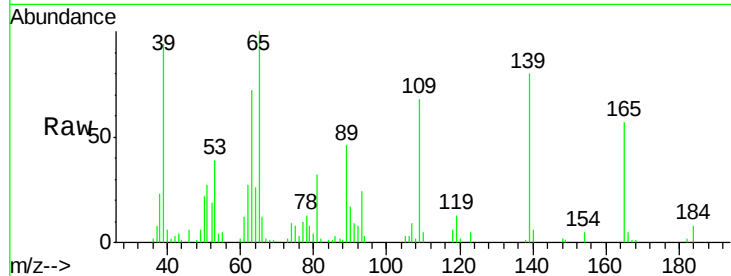
#55  
4-Nitrophenol  
Concen: 83.61 ng  
RT: 12.74 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 139     | 100   |      |        |       |
| 109     | 84.4  | 36.9 | 76.9#  |       |
| 65      | 124.8 | 64.0 | 104.0# |       |

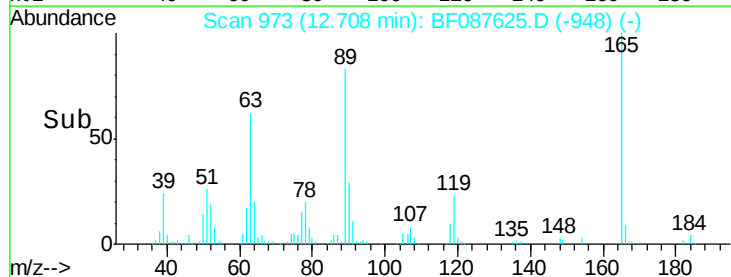
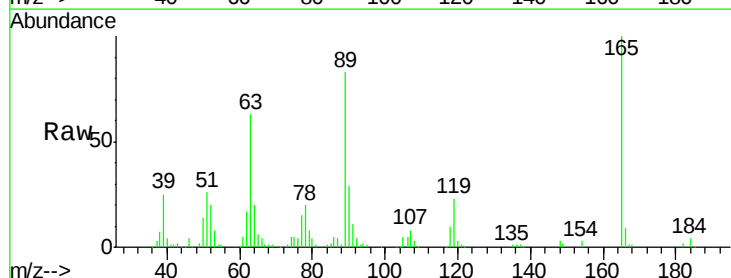
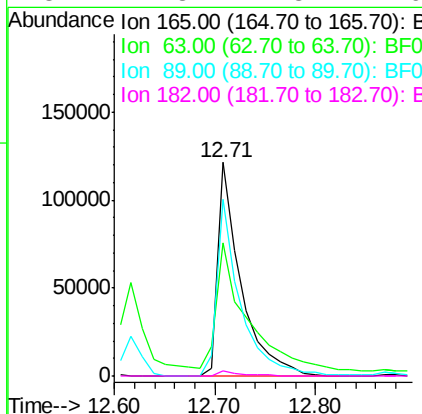
Manual Integrations  
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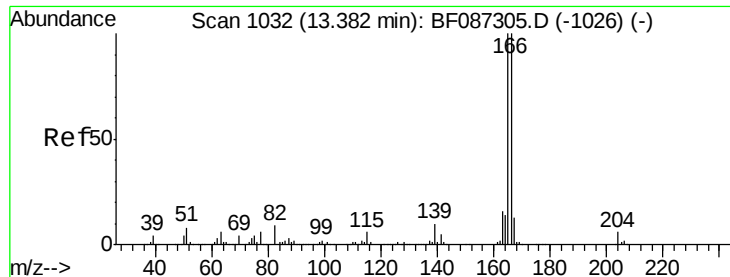
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#56  
2,4-Dinitrotoluene  
Concen: 44.31 ng  
RT: 12.71 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 62.5  | 44.3 | 66.5  |       |
| 89      | 82.9  | 70.0 | 105.0 |       |
| 182     | 2.3   | 1.8  | 2.6   |       |





#57

Fluorene

Concen: 41.57 ng

RT: 13.18 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

ClientSampleId :

PB91016BSD

Tot Ion:166 Resp: 618527

Ion Ratio Lower Upper

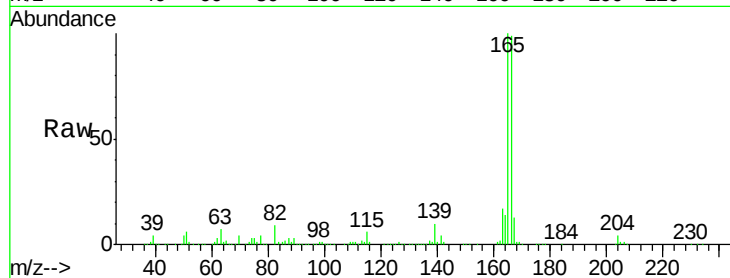
166 100

165 101.2 79.0 118.6

167 13.0 10.6 15.8

Manual Integrations  
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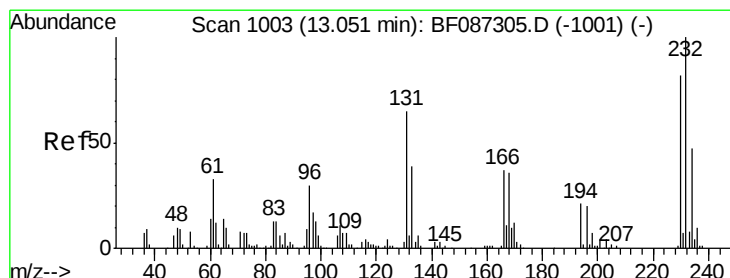
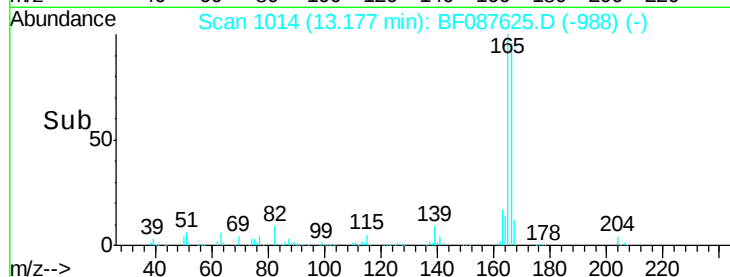
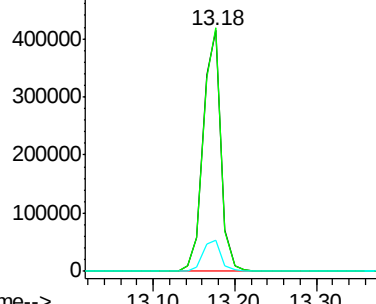
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 46.54 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion:232 Resp: 136208

Ion Ratio Lower Upper

232 100

131 53.7 41.9 62.9

130 2.7 2.2 3.4

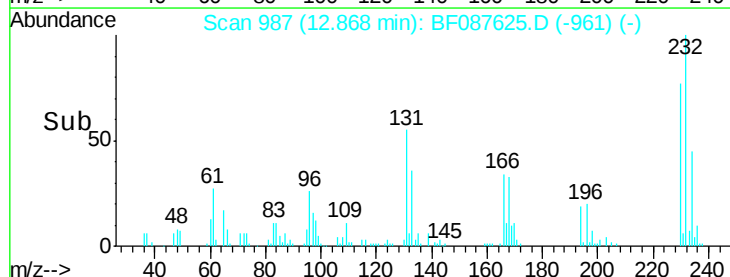
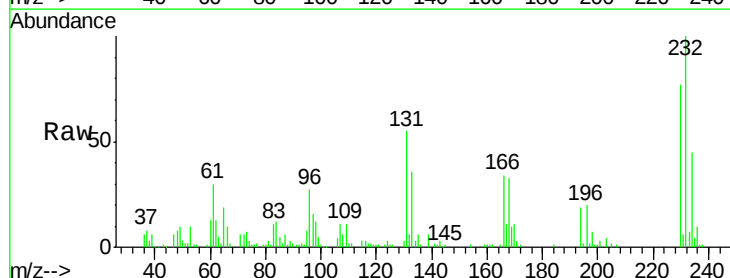
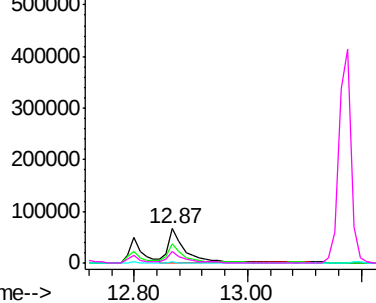
166 32.0 26.8 40.2

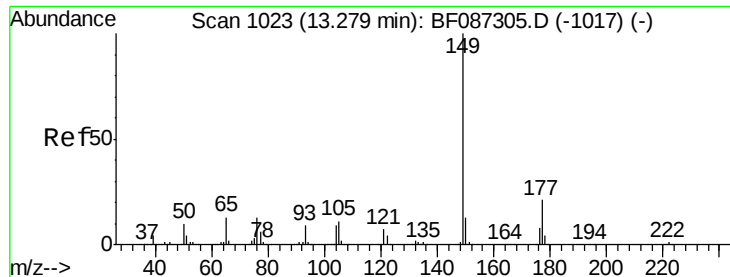
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.65 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

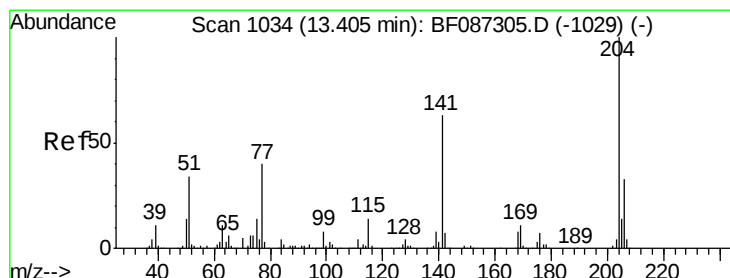
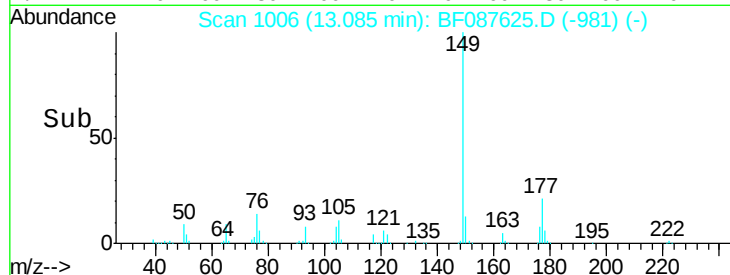
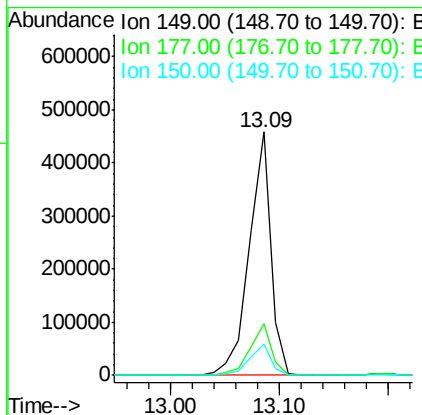
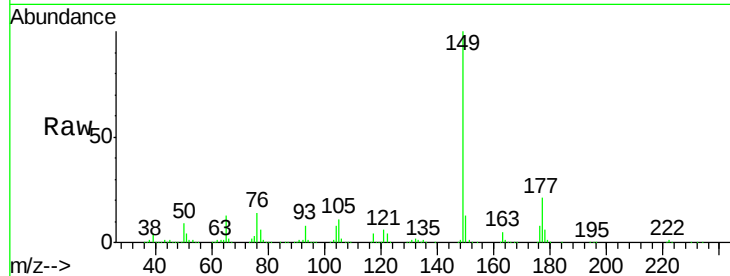
ClientSampleId :

PB91016BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 149  | Resp: | 640087 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 177       | 21.3 | 16.6  | 24.8   |
| 150       | 12.6 | 10.0  | 15.0   |

Manual Integrations  
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#60

4-Chlorophenyl-phenylether

Concen: 39.33 ng

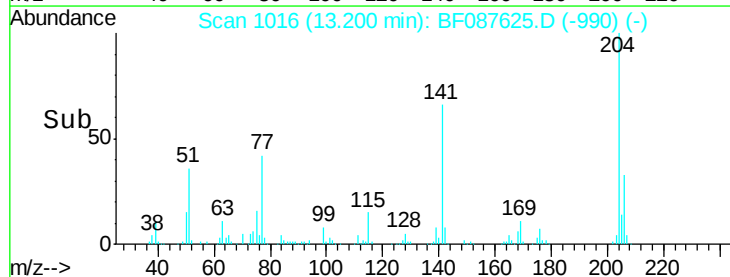
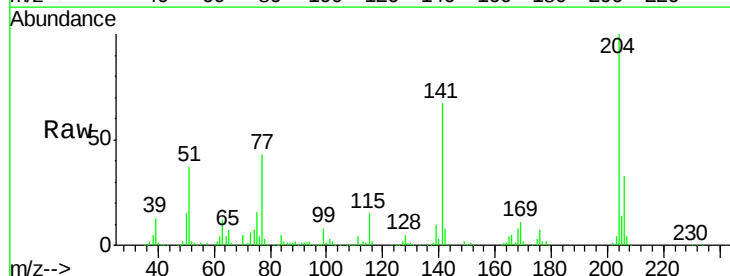
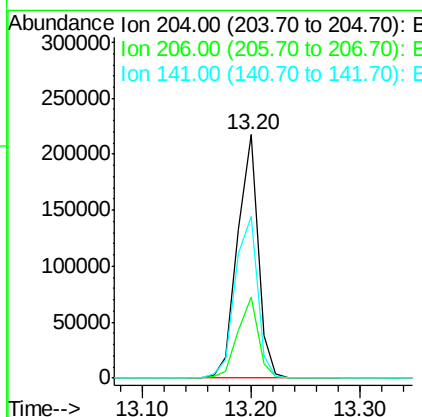
RT: 13.20 min Scan# 1016

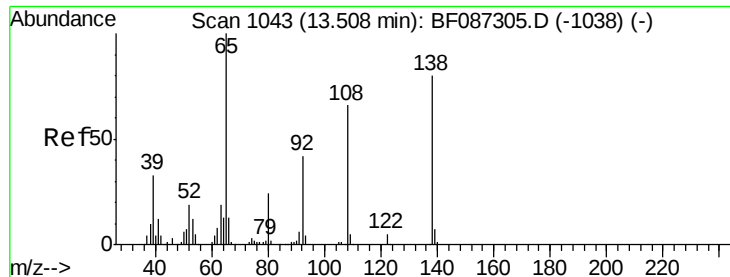
Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 204  | Resp: | 285406 |
| Ion Ratio |      | Lower | Upper  |
| 204       | 100  |       |        |
| 206       | 33.2 | 25.4  | 38.0   |
| 141       | 66.6 | 61.6  | 92.4   |





#61

4-Nitroaniline

Concen: 41.77 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

ClientSampleId :

PB91016BSD

Tot Ion:138 Resp: 130573

Ion Ratio Lower Upper

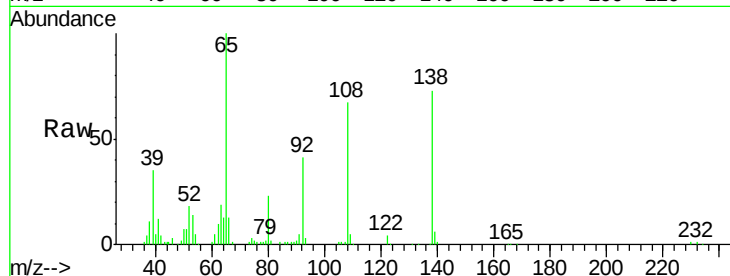
138 100

92 55.6 24.7 64.7

108 91.8 37.4 77.4#

Manual Integrations  
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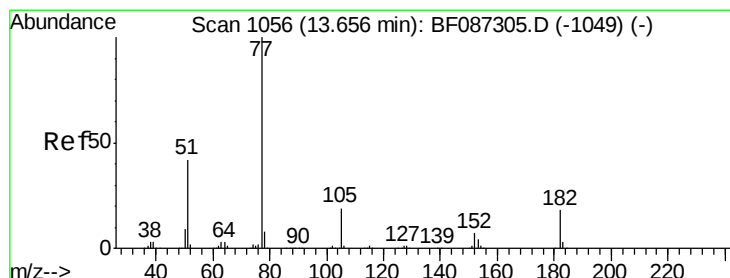
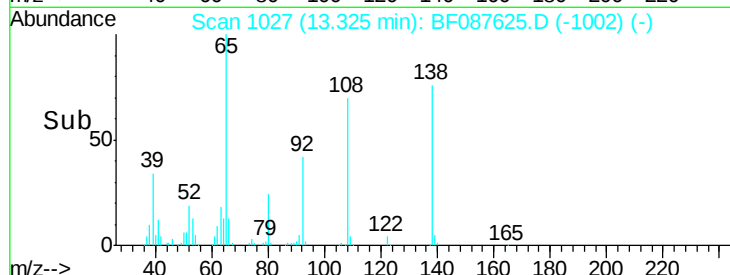
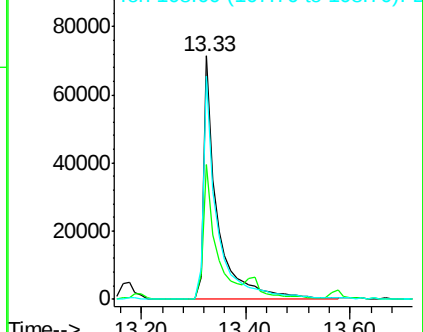
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.14 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Tgt Ion: 77 Resp: 786520

Ion Ratio Lower Upper

77 100

182 16.6 0.0 38.8

105 19.0 3.2 43.2

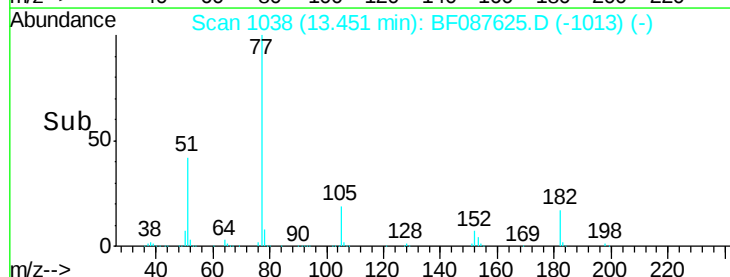
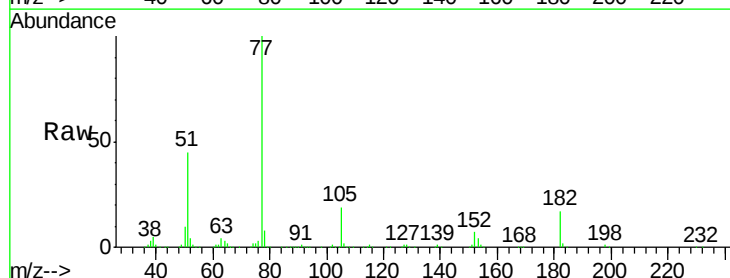
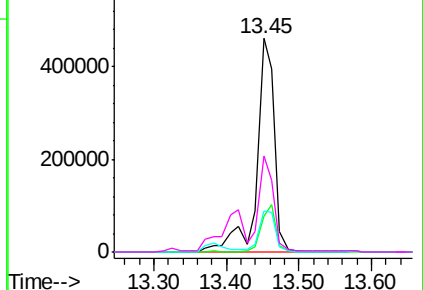
51 44.8 8.8 48.8

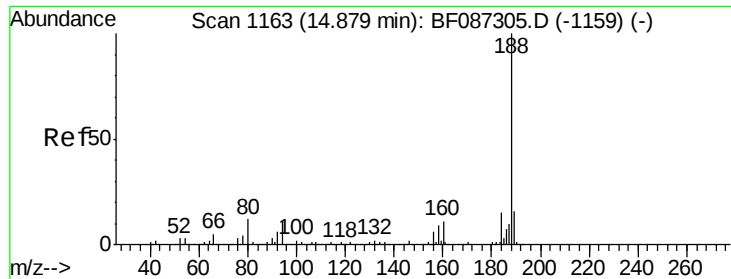
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





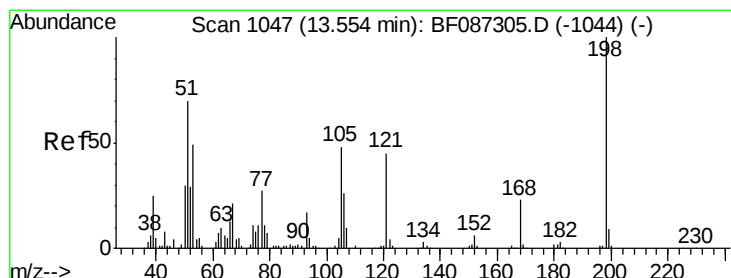
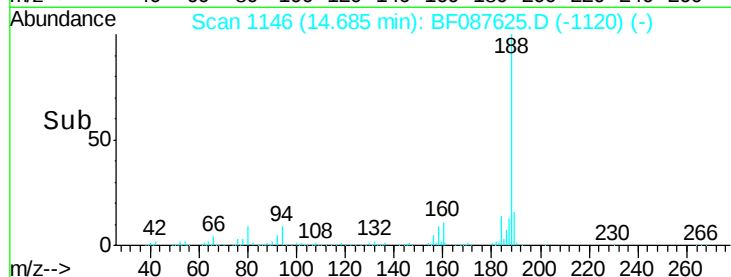
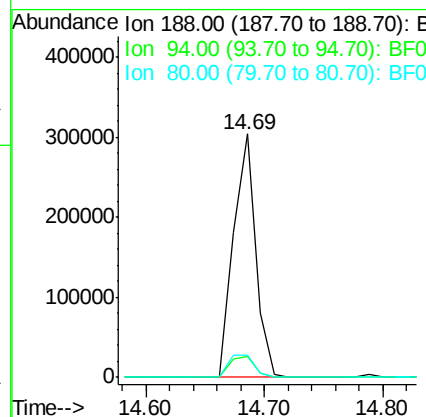
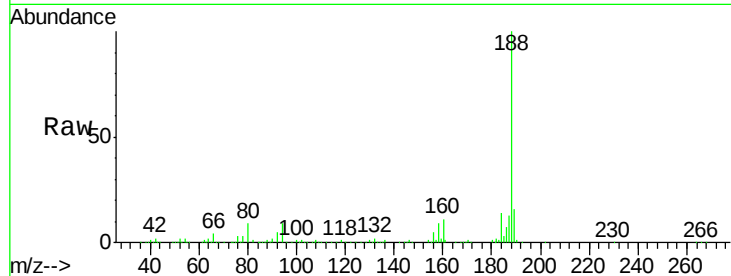
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.69 min Scan# 1146  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.6   | 6.8        | 10.2       |
| 80      | 9.3   | 7.1        | 10.7       |

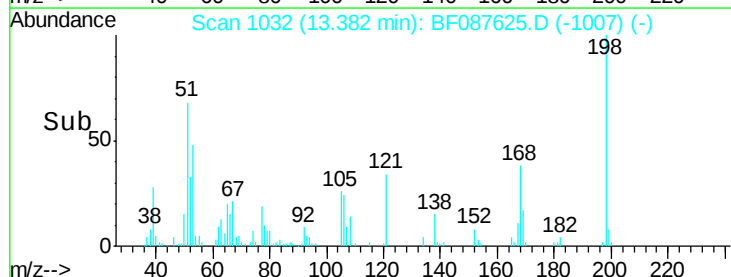
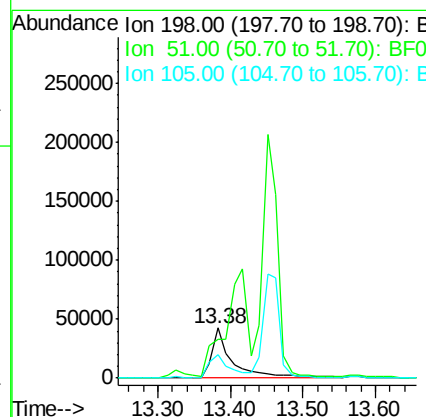
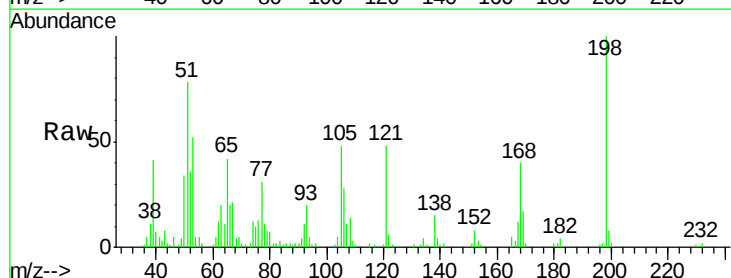
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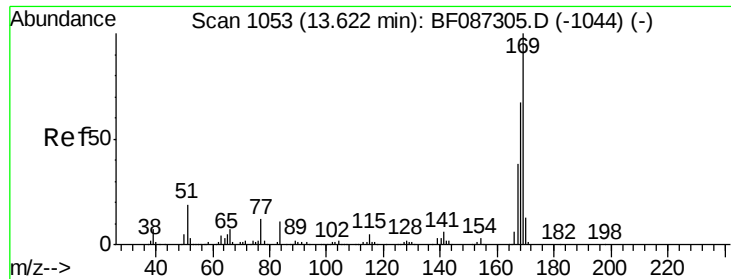
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.82 ng  
RT: 13.38 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 77.8  | 20.5       | 60.5#      |
| 105     | 47.8  | 24.5       | 64.5       |





#65

n-Nitrosodiphenylamine

Concen: 41.34 ng

RT: 13.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

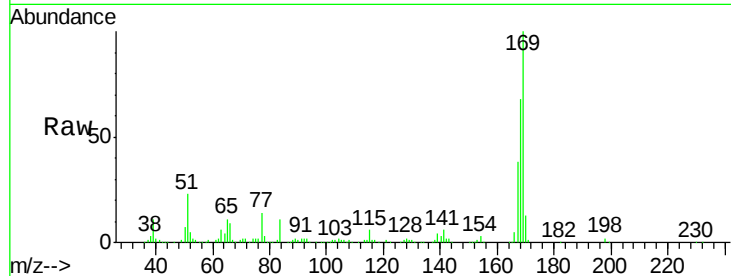
ClientSampleId :

PB91016BSD

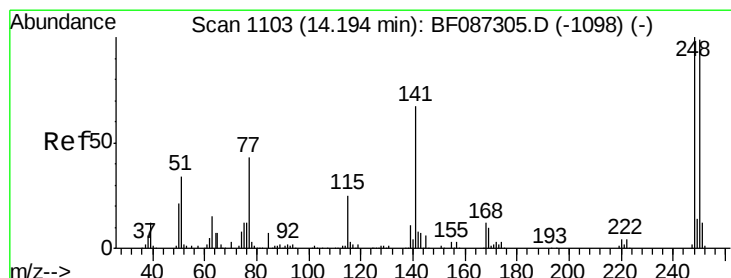
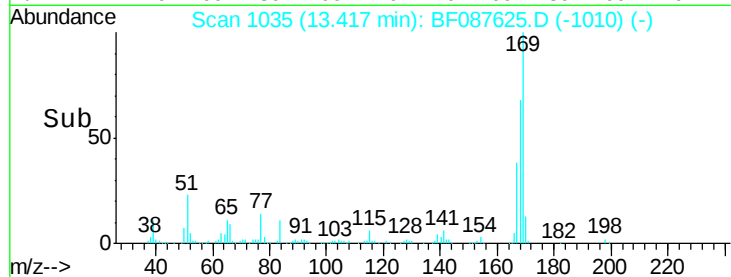
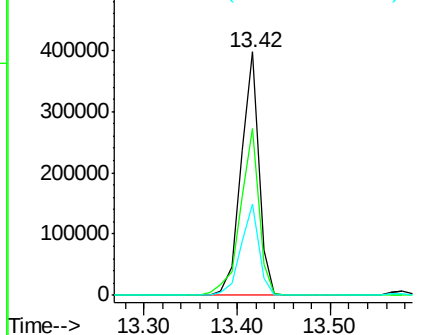
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 526832 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.5  | 53.8  | 80.6   |
| 167       | 37.6  | 29.5  | 44.3   |

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



#66

4-Bromophenyl-phenylether

Concen: 38.45 ng

RT: 13.98 min Scan# 1084

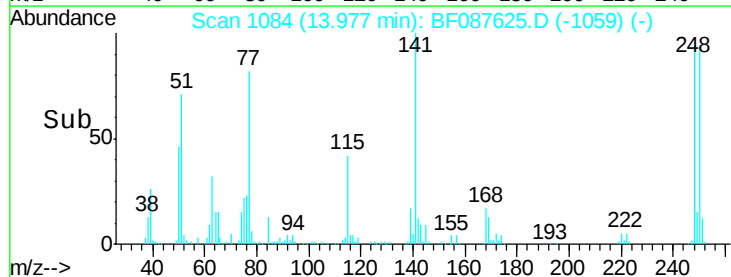
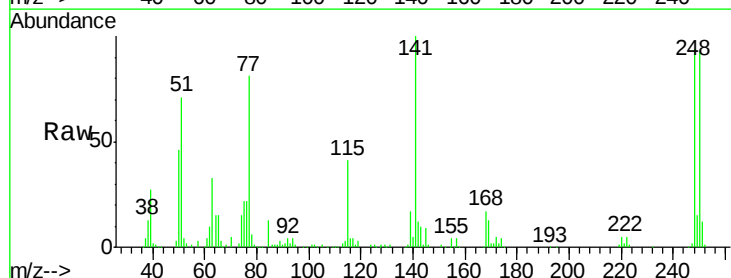
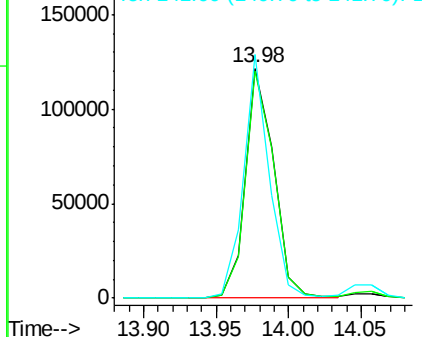
Delta R.T. -0.01 min

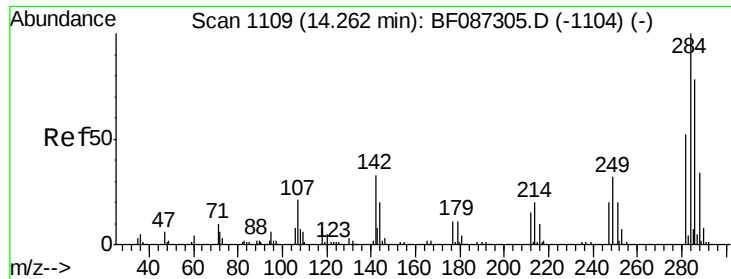
Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 165760 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.5  | 78.6  | 117.8  |
| 141       | 105.9 | 76.0  | 114.0  |

Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.62 ng

RT: 14.06 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

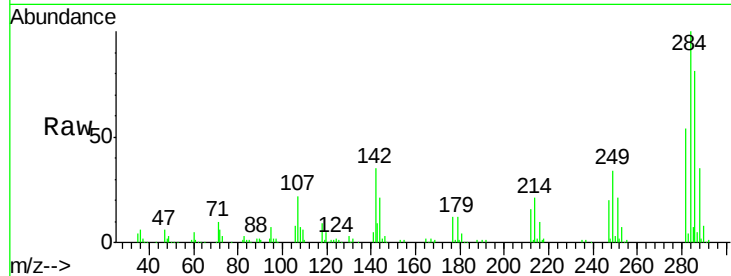
ClientSampleId :

PB91016BSD

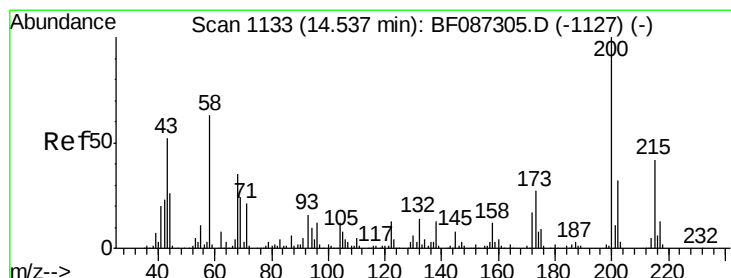
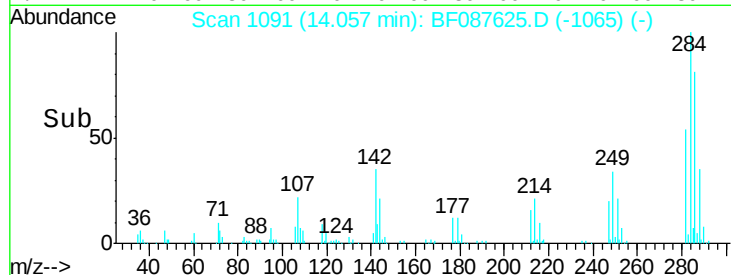
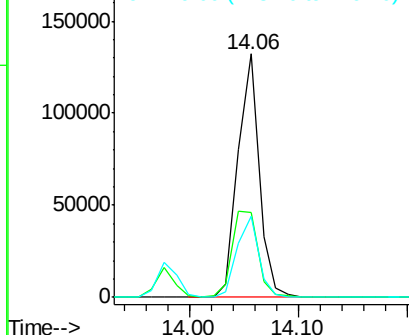
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 178667 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 34.8 | 16.7  | 25.1#  |
| 249       | 33.5 | 21.3  | 31.9#  |

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



#68

Atrazine

Concen: 42.26 ng

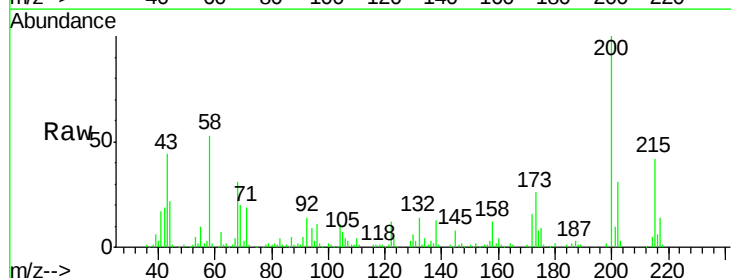
RT: 14.34 min Scan# 1116

Delta R.T. 0.00 min

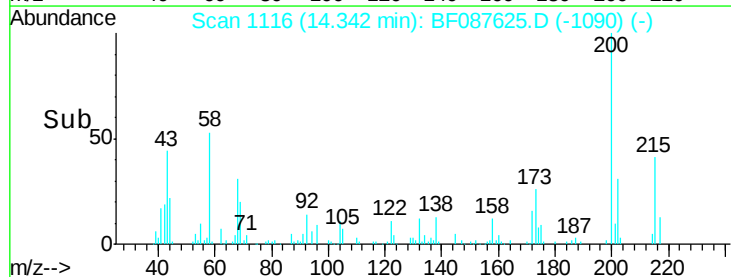
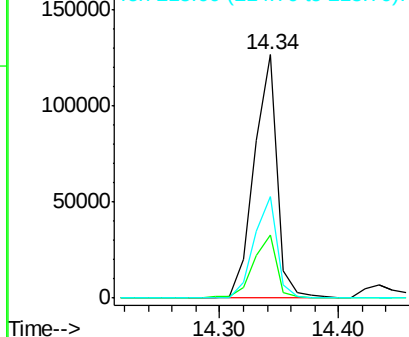
Lab File: BF087625.D

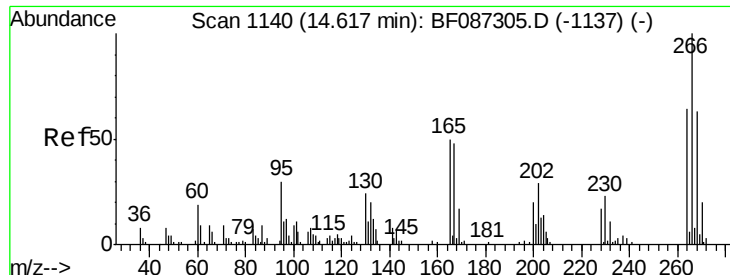
Acq: 1 Jun 2016 19:43

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 171693 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 25.8 | 8.5   | 48.5   |
| 215       | 41.7 | 27.2  | 67.2   |



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





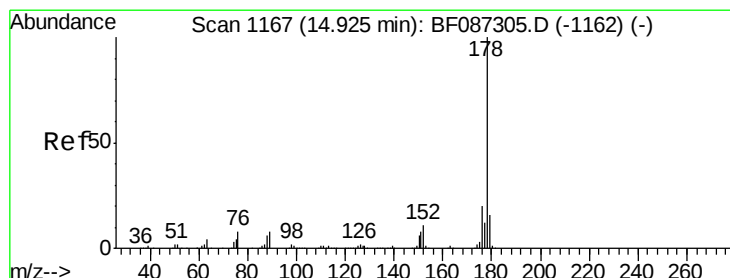
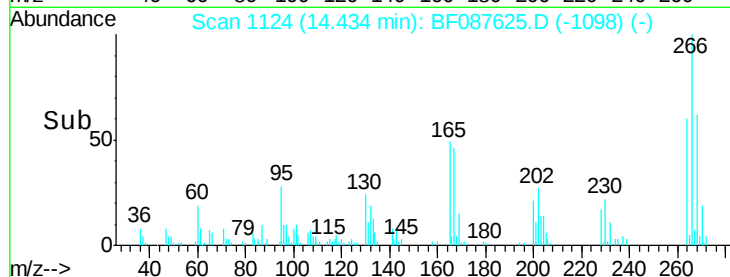
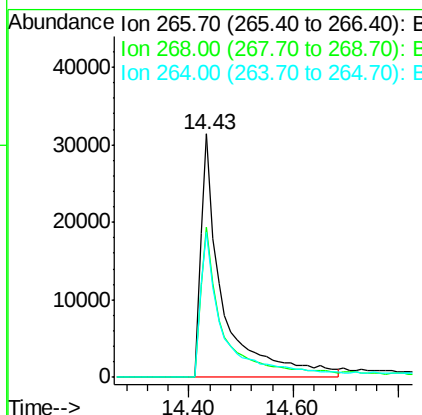
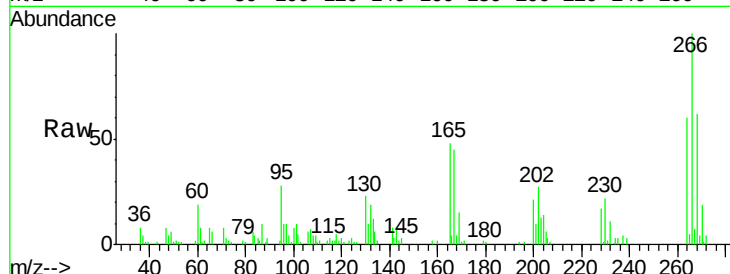
#69  
 Pentachlorophenol  
 Concen: 66.54 ng  
 RT: 14.43 min Scan# 1124  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.5  | 51.5  | 77.3  |
| 264     | 59.8  | 52.9  | 79.3  |

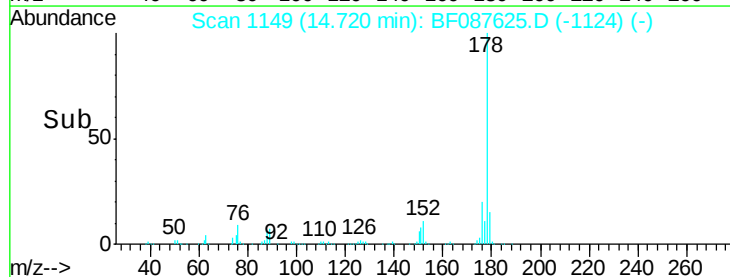
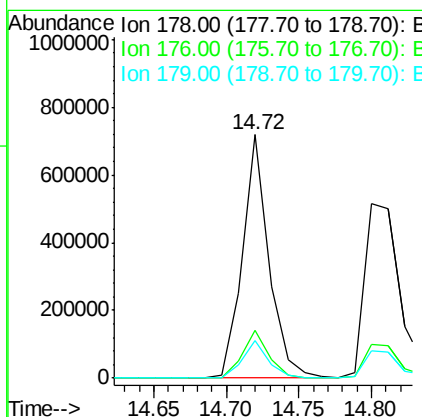
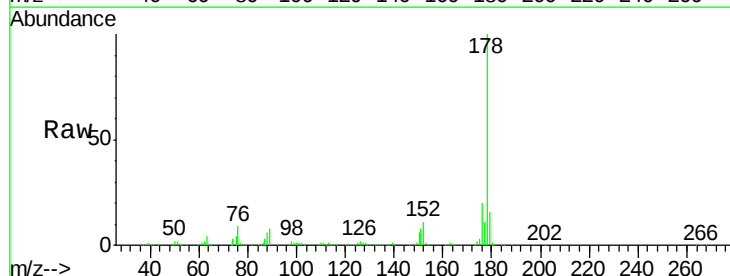
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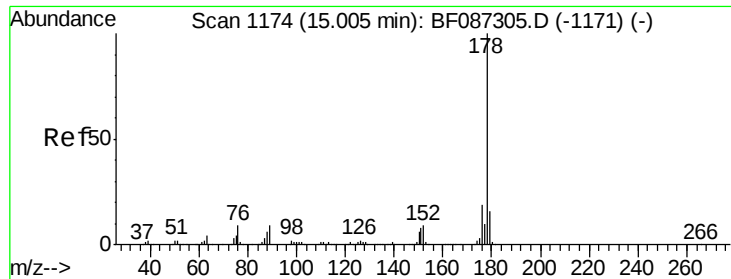
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#70  
 Phenanthrene  
 Concen: 41.63 ng  
 RT: 14.72 min Scan# 1149  
 Delta R.T. -0.01 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 16.0  | 24.0  |
| 179     | 15.6  | 12.6  | 18.8  |





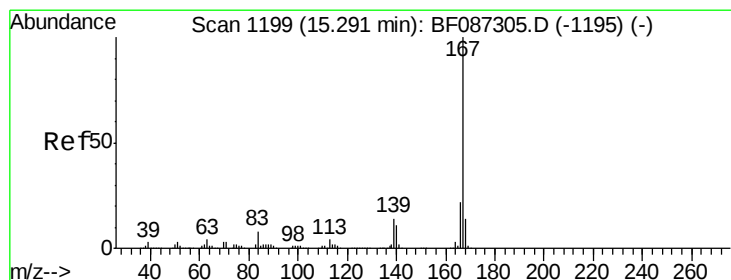
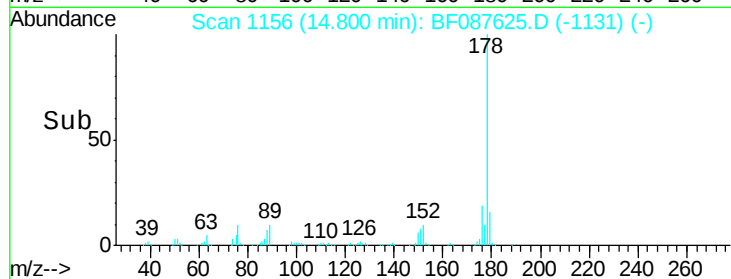
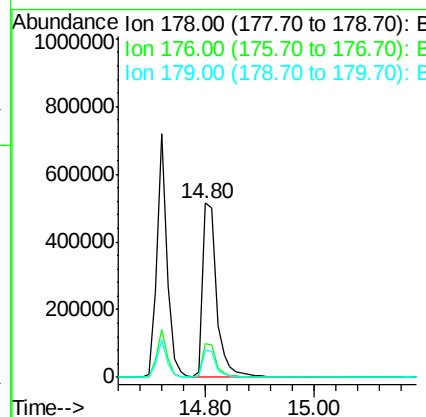
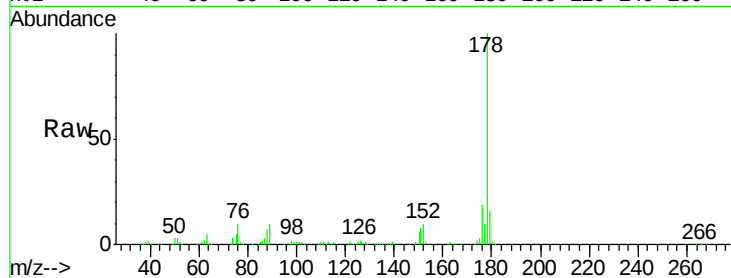
#71  
 Anthracene  
 Concen: 41.46 ng  
 RT: 14.80 min Scan# 1156  
 Delta R.T. -0.01 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.6  | 23.4  |
| 179     | 15.7  | 12.7  | 19.1  |

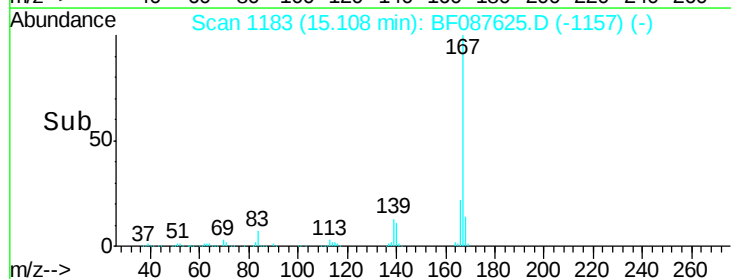
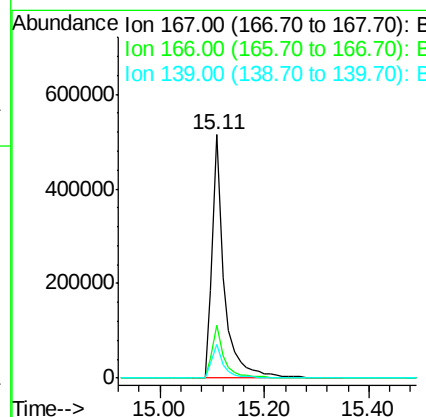
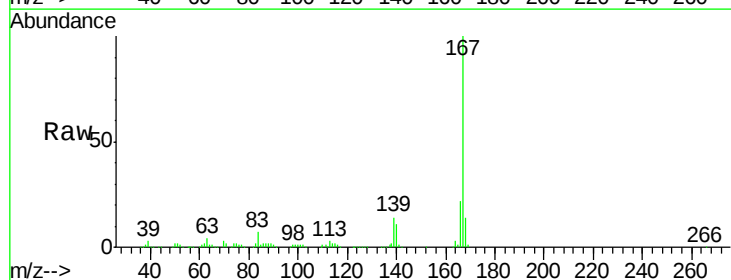
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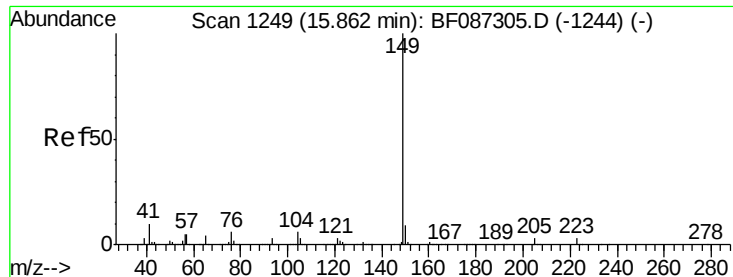
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#72  
 Carbazole  
 Concen: 43.91 ng  
 RT: 15.11 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 17.7  | 26.5  |
| 139     | 13.9  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 40.14 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

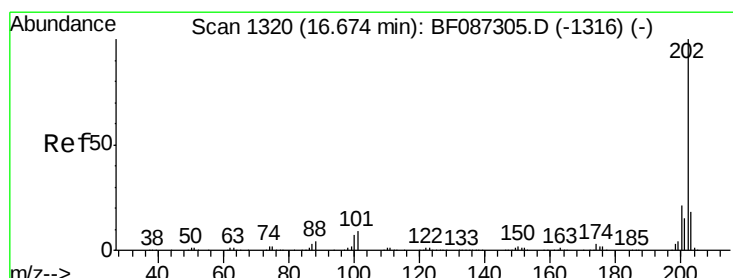
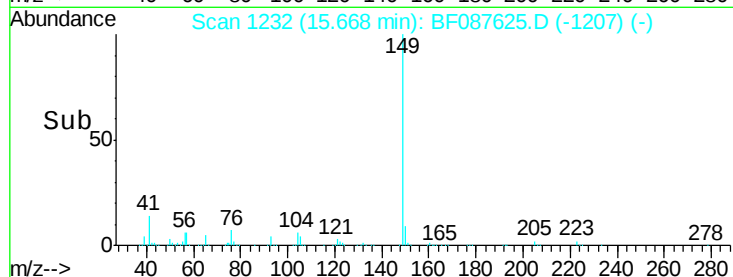
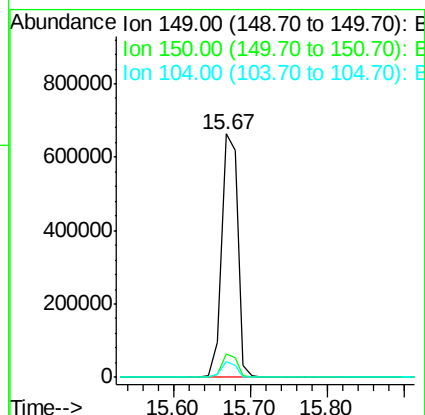
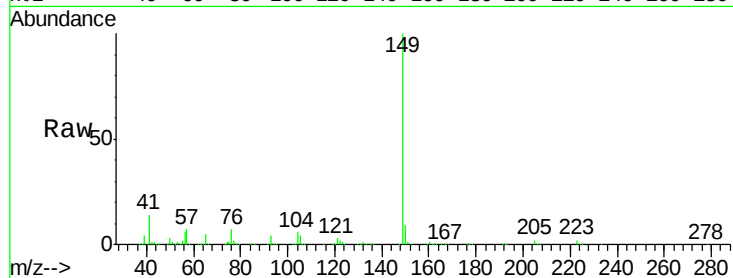
ClientSampleId :

PB91016BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 976442 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.6   | 11.4   |
| 104       | 6.4   | 3.8   | 5.6    |

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#74

Fluoranthene

Concen: 42.23 ng

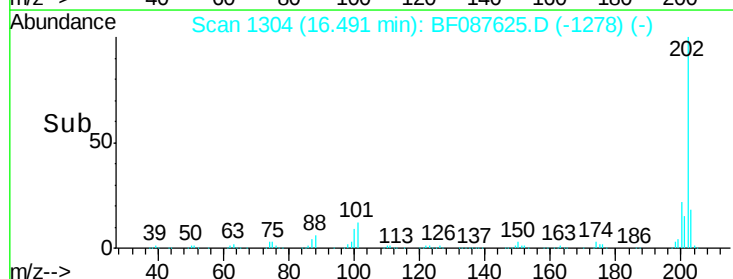
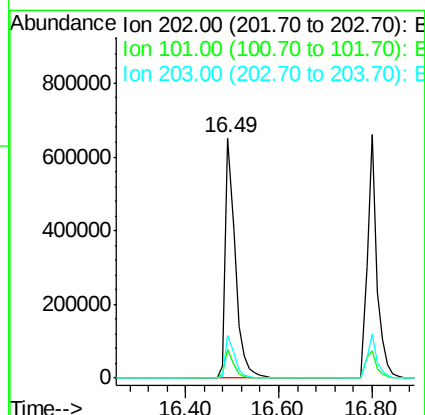
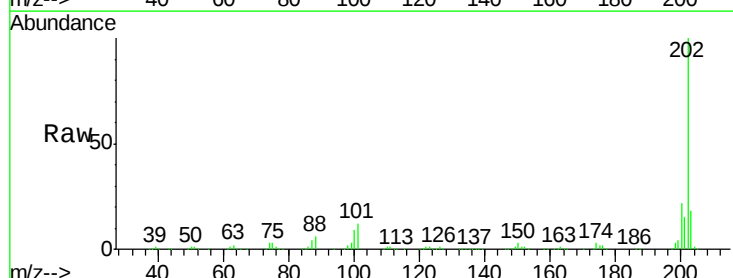
RT: 16.49 min Scan# 1304

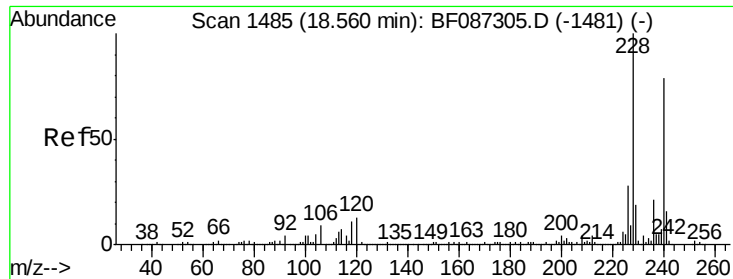
Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 924388 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.8  | 0.0   | 35.4   |
| 203       | 17.9  | 0.0   | 38.1   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

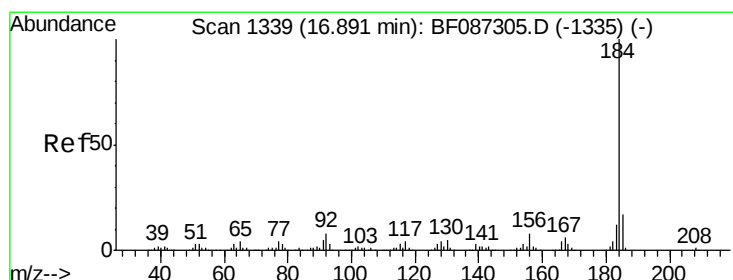
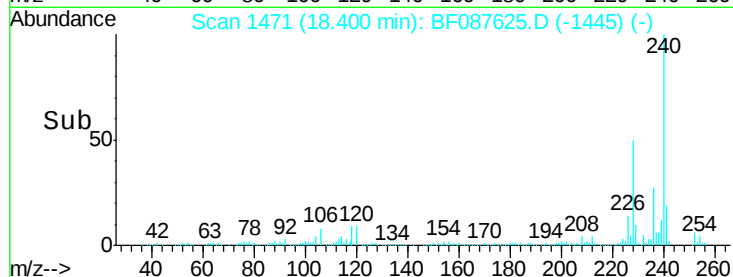
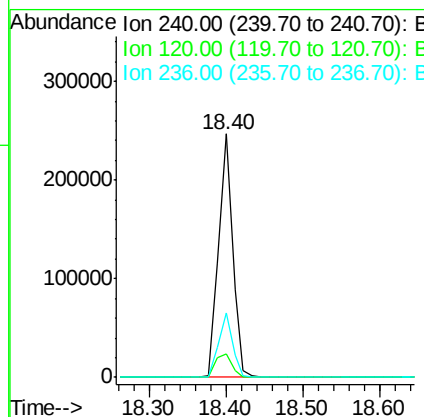
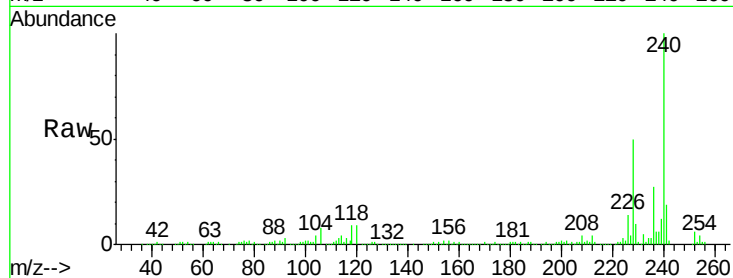
ClientSampleId :

PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 320109 |       |       |
| 120     | 9.5   | 11.2   | 16.8  |       |
| 236     | 26.7  | 21.2   | 31.8  |       |

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#76

Benzidine

Concen: 44.46 ng

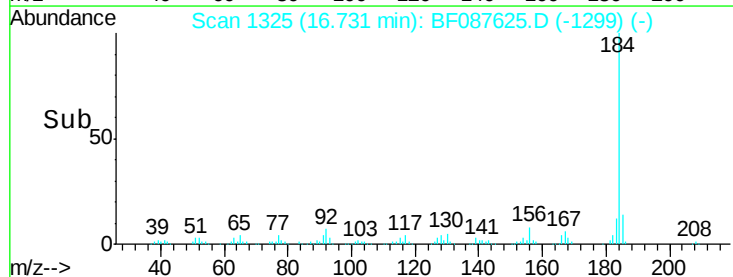
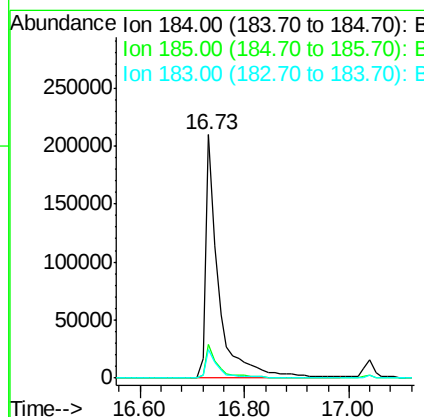
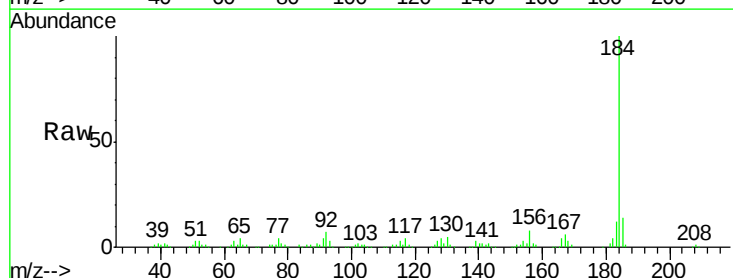
RT: 16.73 min Scan# 1325

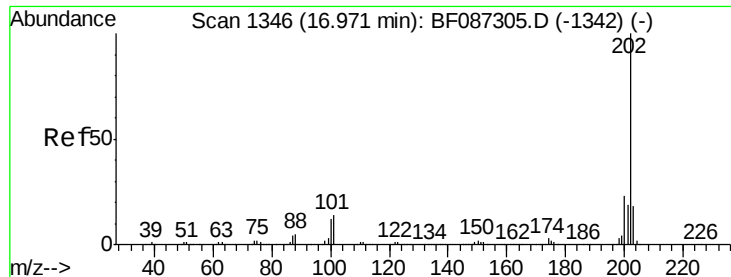
Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 366182 |       |       |
| 185     | 14.1  | 13.6   | 20.4  |       |
| 183     | 12.0  | 9.8    | 14.6  |       |





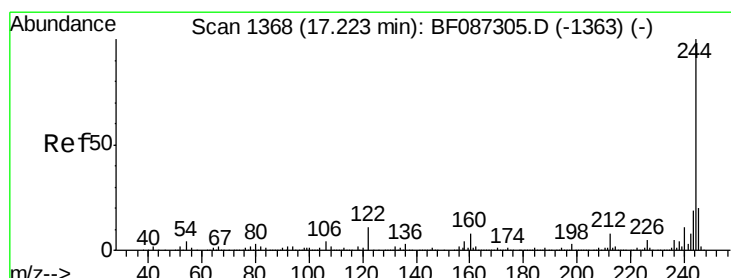
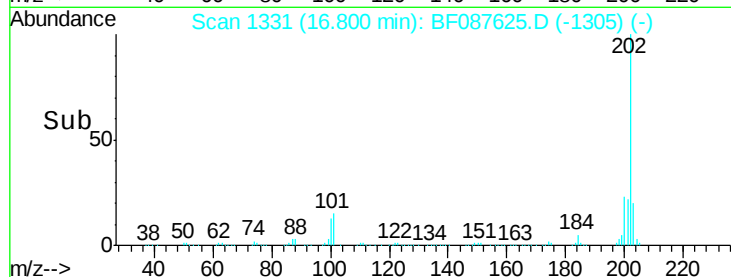
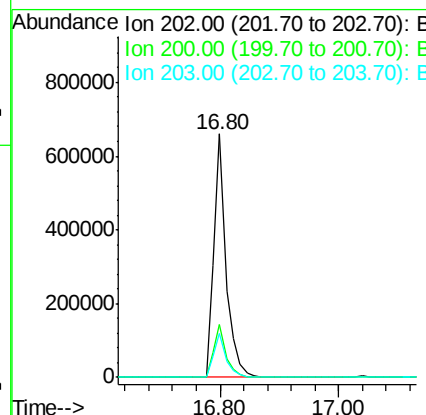
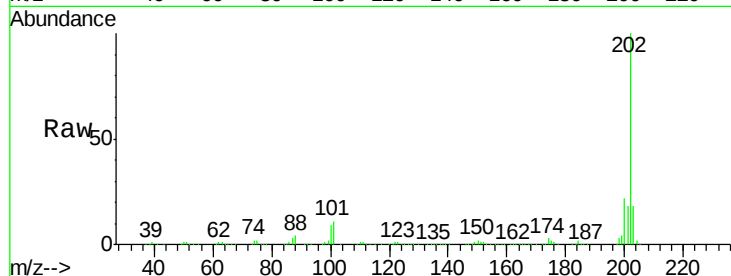
#77  
Pvrene  
Concen: 40.82 ng  
RT: 16.80 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 17.7  | 26.5  |
| 203     | 18.2  | 14.2  | 21.4  |

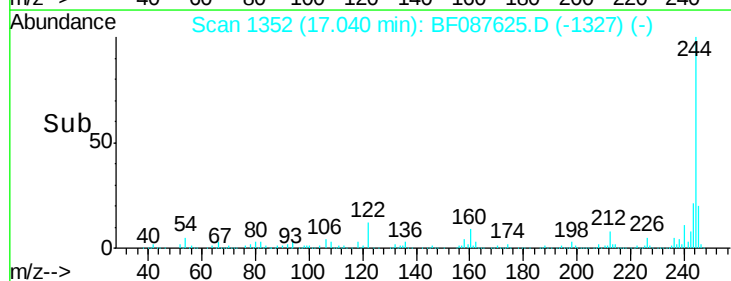
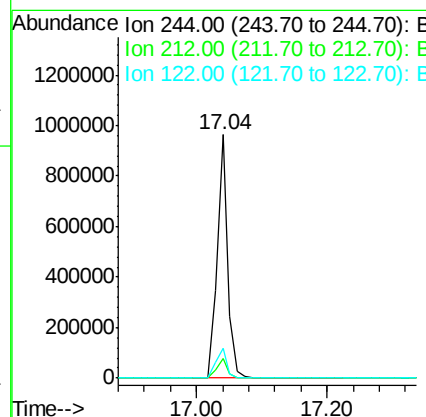
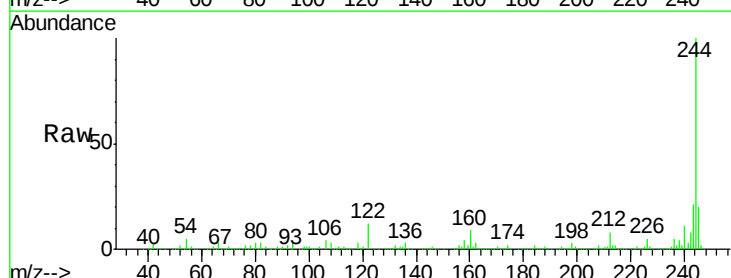
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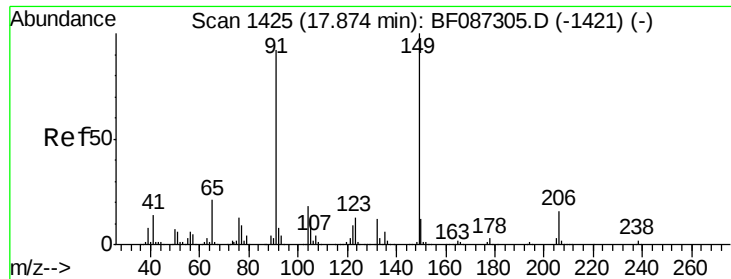
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#78  
Terphenyl-d14  
Concen: 73.27 ng  
RT: 17.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 6.2   | 9.2   |
| 122     | 12.4  | 12.0  | 18.0  |





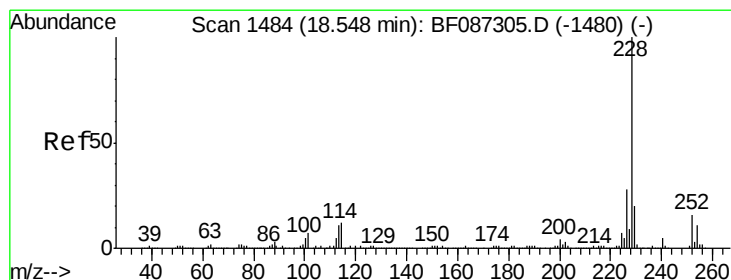
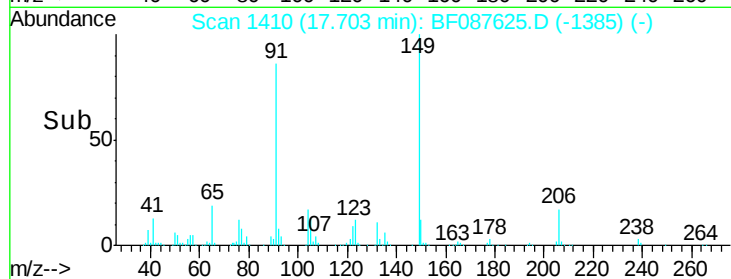
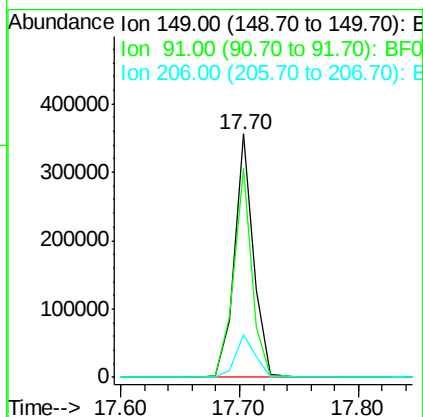
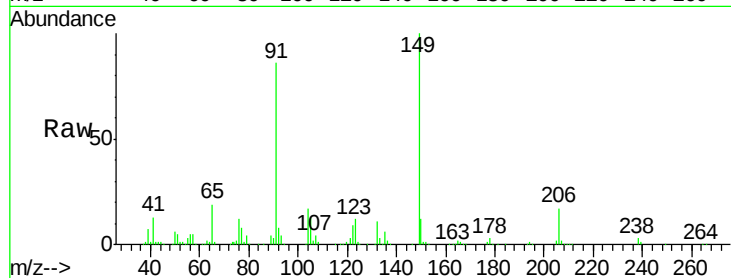
#79  
Butylbenzylphthalate  
Concen: 38.57 ng  
RT: 17.70 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 394153 |       |       |
| 91      | 85.6  | 48.0   | 72.0# |       |
| 206     | 17.3  | 15.8   | 23.6  |       |

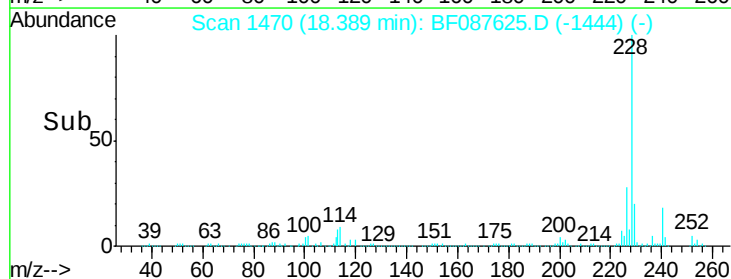
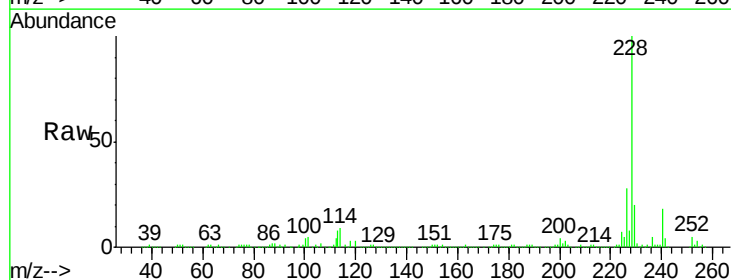
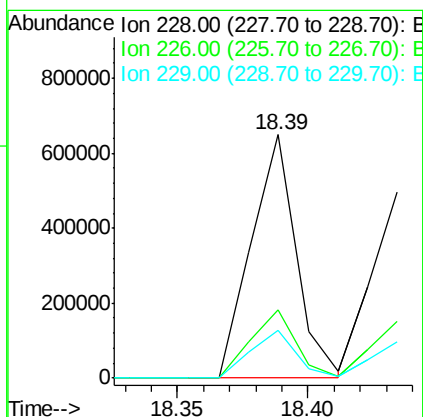
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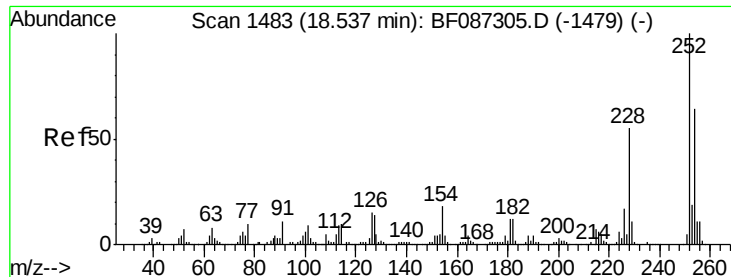
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#80  
Benzo(a)anthracene  
Concen: 42.47 ng  
RT: 18.39 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 773390 |       |       |
| 226     | 28.1  | 22.5   | 33.7  |       |
| 229     | 19.7  | 16.6   | 25.0  |       |





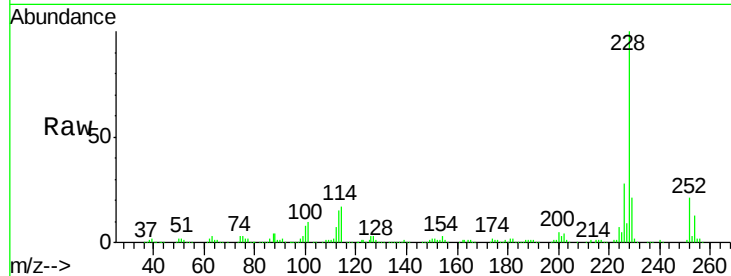
#81  
 3,3'-Dichlorobenzidine  
 Concen: 13.37 ng  
 RT: 18.38 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

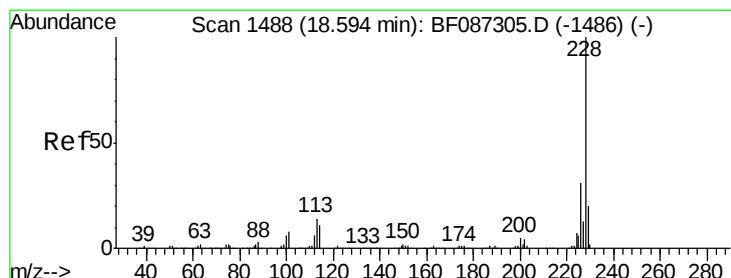
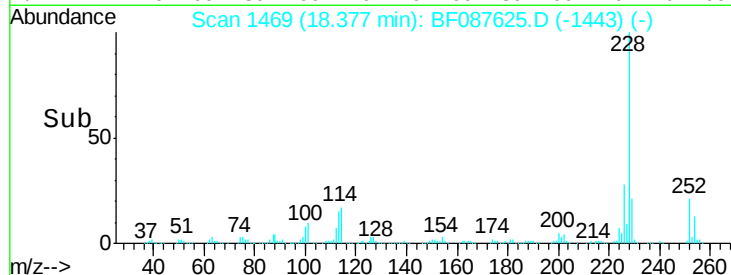
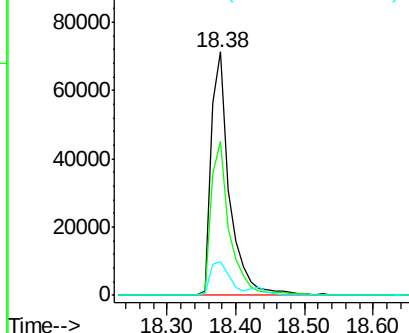
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 134529 |       |       |
| 254     | 63.2  | 50.7   | 76.1  |       |
| 126     | 13.9  | 12.7   | 19.1  |       |

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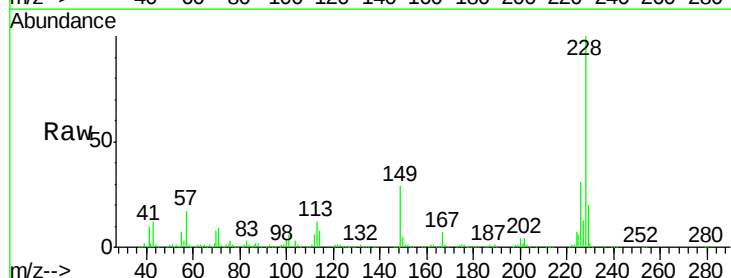


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

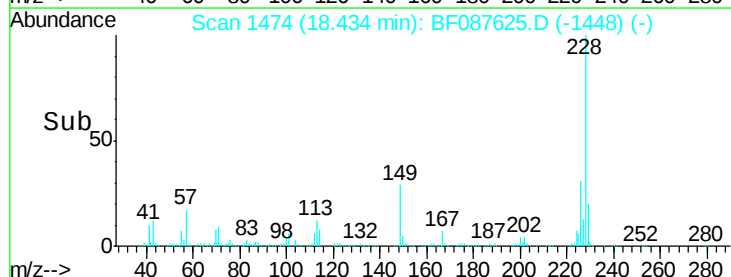
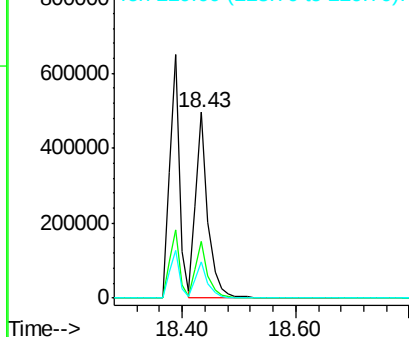


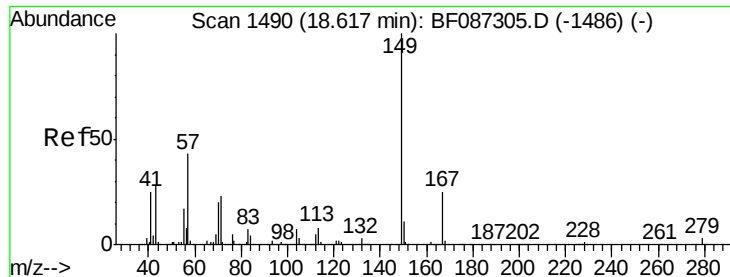
#82  
 Chrysene  
 Concen: 40.75 ng  
 RT: 18.43 min Scan# 1474  
 Delta R.T. 0.00 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 736417 |       |       |
| 226     | 30.7  | 24.4   | 36.6  |       |
| 229     | 19.9  | 15.8   | 23.8  |       |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.15 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

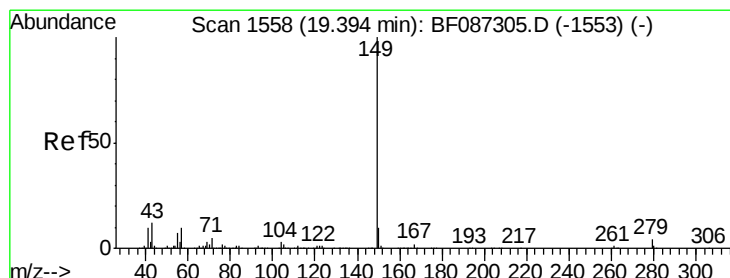
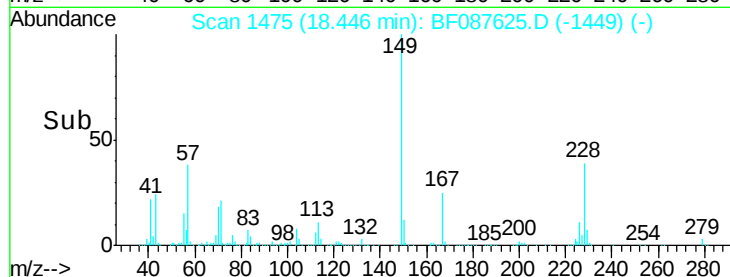
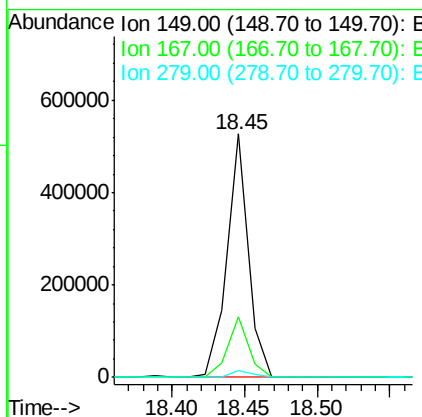
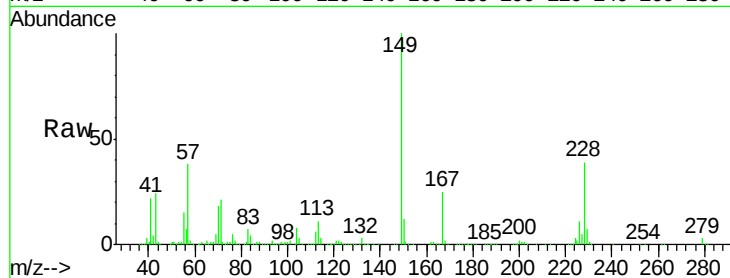
ClientSampleId :

PB91016BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 538944 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.0  | 21.8  | 32.6   |
| 279       | 2.7   | 2.6   | 4.0    |

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#84

Di-n-octyl phthalate

Concen: 39.34 ng

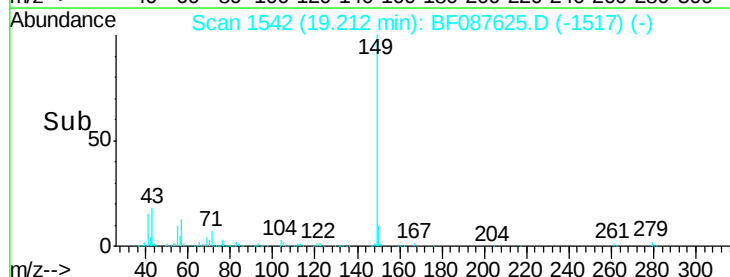
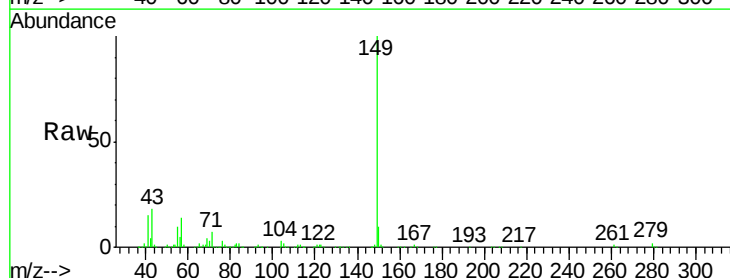
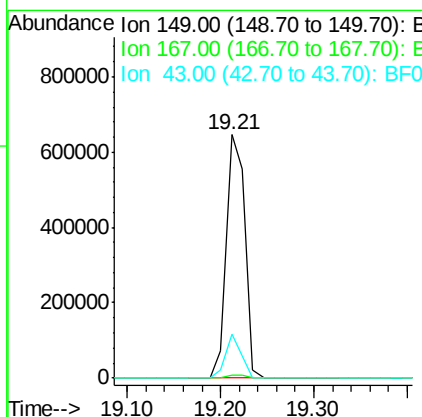
RT: 19.21 min Scan# 1542

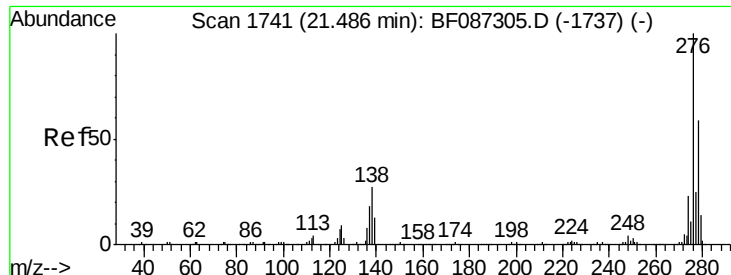
Delta R.T. -0.01 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 894470 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 15.3  | 8.2   | 12.4#  |





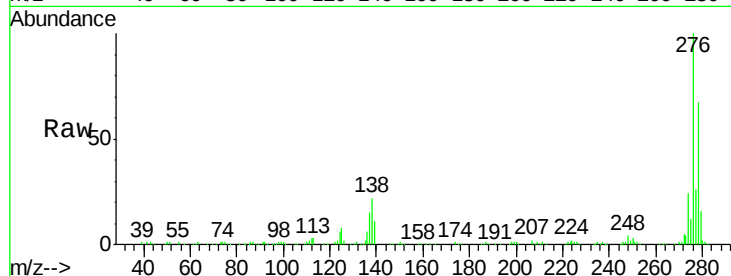
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 34.79 ng  
RT: 21.29 min Scan# 1724  
Delta R.T. 0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

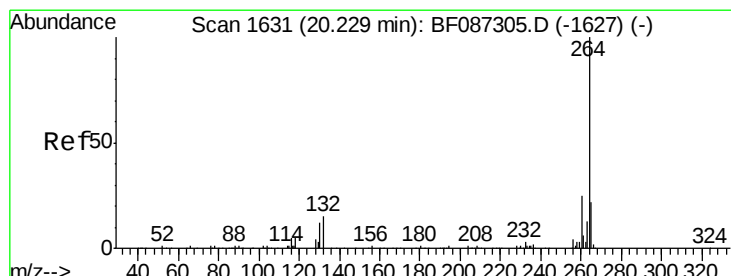
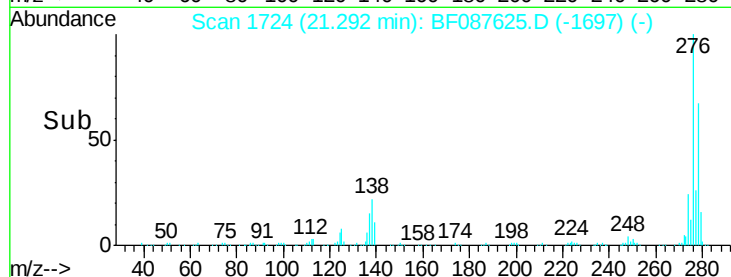
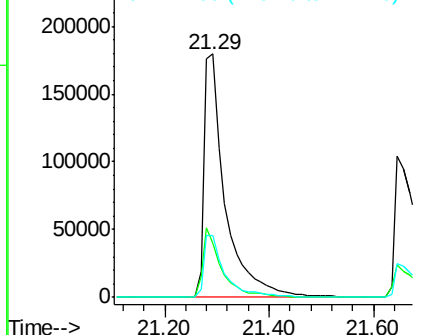
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 25.9  | 25.6       | 38.4  |
| 277     | 25.7  | 20.5       | 30.7  |

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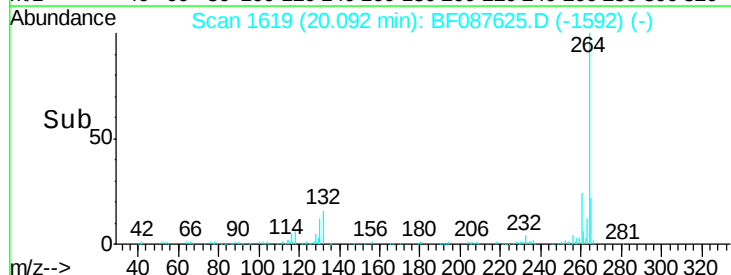
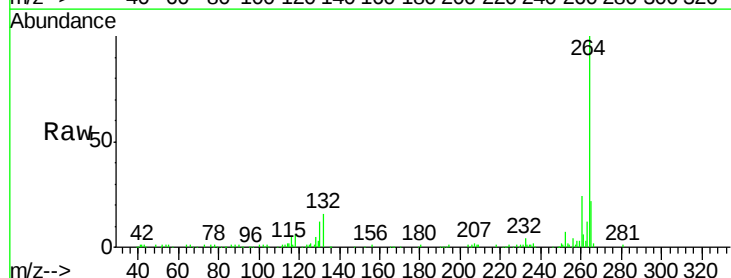
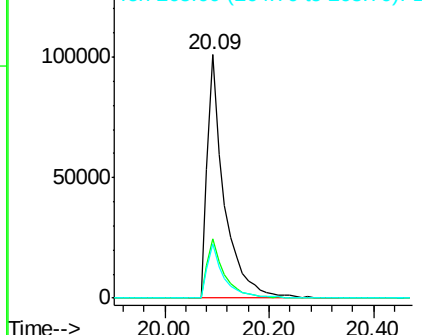
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

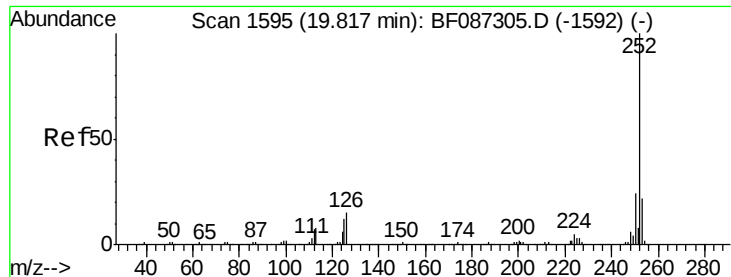


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.09 min Scan# 1619  
Delta R.T. 0.01 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 24.3  | 19.5       | 29.3  |
| 265     | 22.2  | 17.3       | 25.9  |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.97 ng m

RT: 19.67 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

Instrument :

BNA\_F

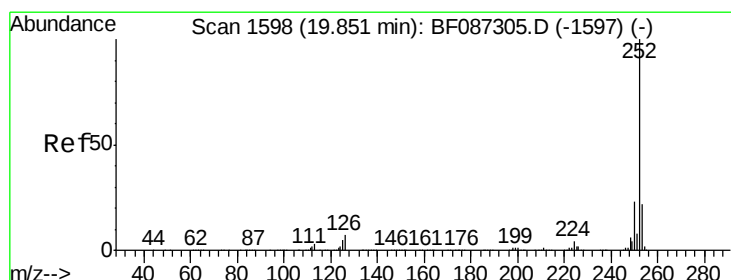
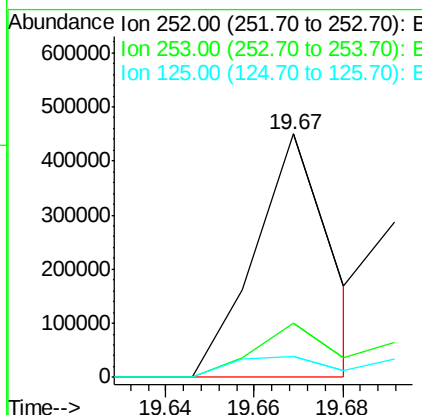
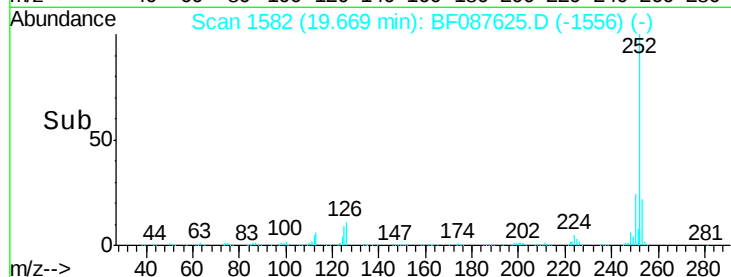
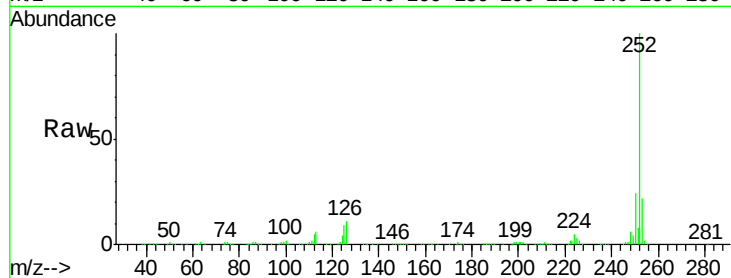
ClientSampleId :

PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.8  | 26.6  |
| 125     | 8.6   | 11.4  | 17.0  |

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#88

Benzo(k)fluoranthene

Concen: 51.14 ng m

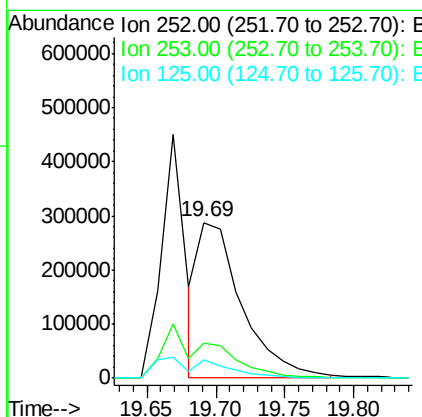
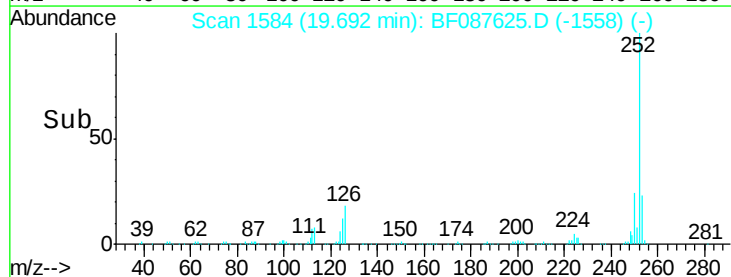
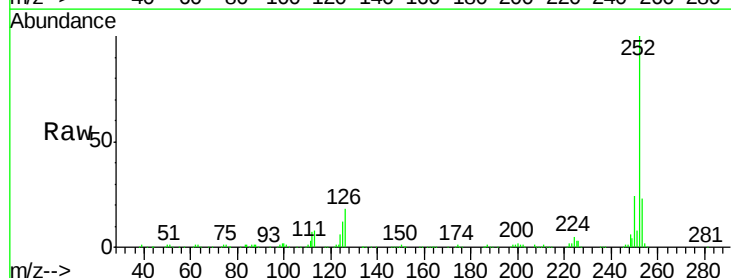
RT: 19.69 min Scan# 1584

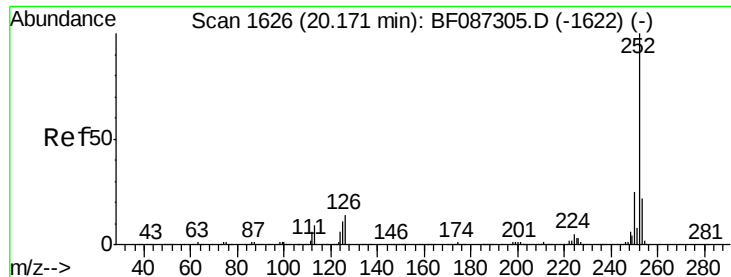
Delta R.T. 0.00 min

Lab File: BF087625.D

Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.8  | 26.6  |
| 125     | 12.2  | 9.1   | 13.7  |





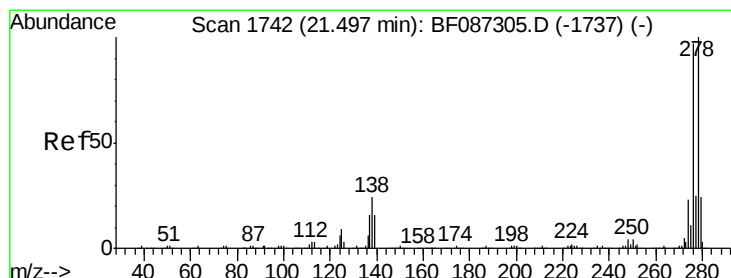
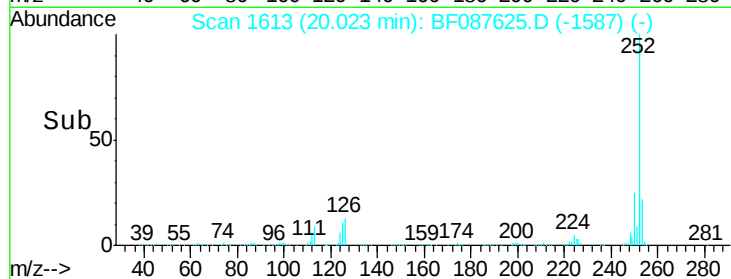
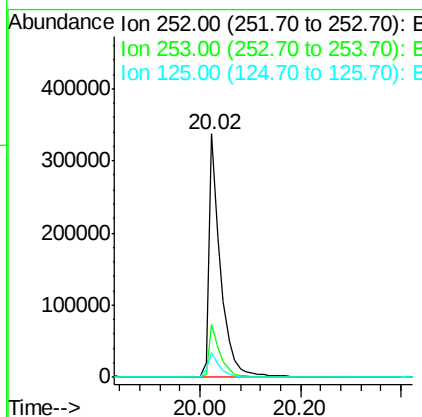
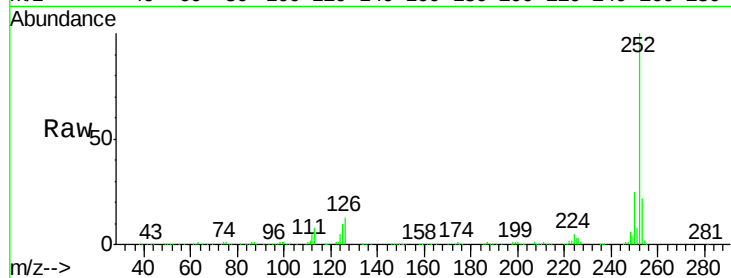
#89  
Benzo(a)pyrene  
Concen: 41.99 ng  
RT: 20.02 min Scan# 1613  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB91016BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.2  | 25.8  |
| 125     | 10.1  | 9.0   | 13.6  |

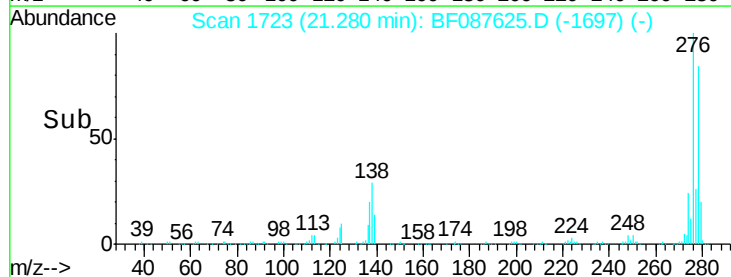
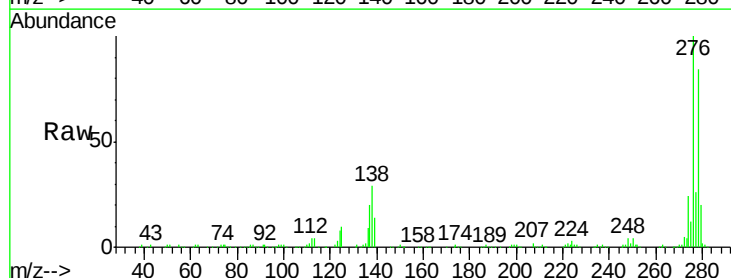
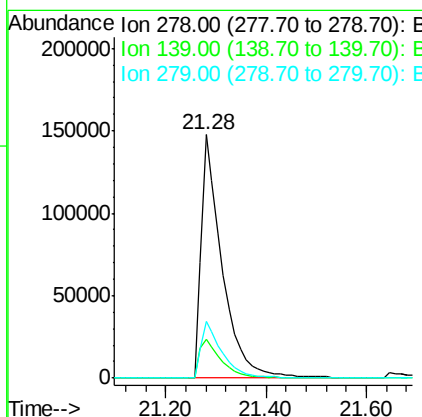
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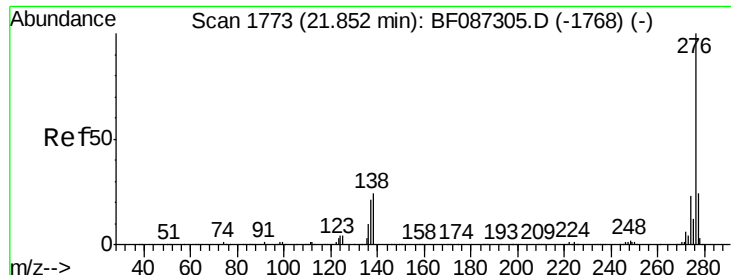
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.83 ng  
RT: 21.28 min Scan# 1723  
Delta R.T. 0.00 min  
Lab File: BF087625.D  
Acq: 1 Jun 2016 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 16.6  | 24.8# |
| 279     | 23.5  | 19.6  | 29.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 38.34 ng  
 RT: 21.65 min Scan# 1755  
 Delta R.T. 0.02 min  
 Lab File: BF087625.D  
 Acq: 1 Jun 2016 19:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB91016BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.7  | 19.6       | 29.4  |
| 138     | 22.5  | 23.6       | 35.4  |

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