

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\  
 Data File : BF088241.D  
 Acq On : 22 Jun 2016 5:54  
 Operator : UM/SJ  
 Sample : H3597-02MS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

Manual Integrations  
 APPROVED

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 6/22/2016 6:08:13 PM

Quant Time: Jun 22 12:41:26 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 22 01:34:10 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 86880m   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.94  | 136  | 342005   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.69  | 164  | 158188   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.16 | 188  | 295963   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.79 | 240  | 210325   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.17 | 264  | 175689   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.24  | 112 | 438549 | 86.29 | ng | 0.00  |
| 7) Phenol-d6             | 6.31  | 99  | 543477 | 88.24 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.22  | 82  | 332722 | 56.81 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.48 | 330 | 127199 | 76.15 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.02  | 172 | 672689 | 65.54 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.74 | 244 | 551276 | 59.64 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.17 | 88  | 68274   | 27.65 | ng | # 33   |
| 3) Pyridine                    | 2.82 | 79  | 177838  | 30.50 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 2.78 | 42  | 70099   | 28.39 | ng | # 78   |
| 6) Aniline                     | 6.40 | 93  | 188754  | 21.53 | ng | # 57   |
| 8) 2-Chlorophenol              | 6.43 | 128 | 192357  | 31.98 | ng | 99     |
| 10) Phenol                     | 6.32 | 94  | 227393  | 35.22 | ng | 73     |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93  | 188754  | 34.95 | ng | # 83   |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146 | 197513m | 30.60 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146 | 198639m | 30.55 | ng |        |
| 14) 1,2-Dichlorobenzene        | 6.82 | 146 | 200855  | 33.97 | ng | 95     |
| 15) Benzyl Alcohol             | 6.81 | 79  | 129918  | 26.96 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.94 | 45  | 198517  | 27.21 | ng | # 31   |
| 17) 2-Methylphenol             | 6.92 | 107 | 152002  | 31.16 | ng | 98     |
| 18) Hexachloroethane           | 7.15 | 117 | 72879m  | 31.59 | ng |        |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70  | 116118  | 29.47 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 211832  | 37.22 | ng | # 82   |
| 22) Acetophenone               | 7.07 | 105 | 263852  | 34.52 | ng | 97     |
| 24) Nitrobenzene               | 7.24 | 77  | 201109  | 35.45 | ng | 100    |
| 25) Isophorone                 | 7.48 | 82  | 353748  | 32.61 | ng | 96     |
| 26) 2-Nitrophenol              | 7.56 | 139 | 95676   | 31.48 | ng | # 74   |
| 27) 2,4-Dimethylphenol         | 7.61 | 122 | 179243  | 32.03 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93  | 236438  | 35.14 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 168480  | 36.06 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.88 | 180 | 168265  | 33.08 | ng | 97     |
| 31) Naphthalene                | 7.95 | 128 | 553582  | 32.71 | ng | 99     |
| 32) Benzoic acid               | 7.61 | 122 | 179243  | 58.17 | ng | # 13   |
| 33) 4-Chloroaniline            | 8.02 | 127 | 105495  | 13.96 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.08 | 225 | 86916   | 32.40 | ng | 99     |
| 35) Caprolactam                | 8.39 | 113 | 51672   | 33.39 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.51 | 107 | 167679  | 33.56 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 370978  | 33.26 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216 | 150921  | 33.74 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.80 | 237 | 51939   | 20.36 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 8.94 | 196 | 82740   | 26.16 | ng | 97     |

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Instrument :  
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Manual Integrations  
 APPROVED

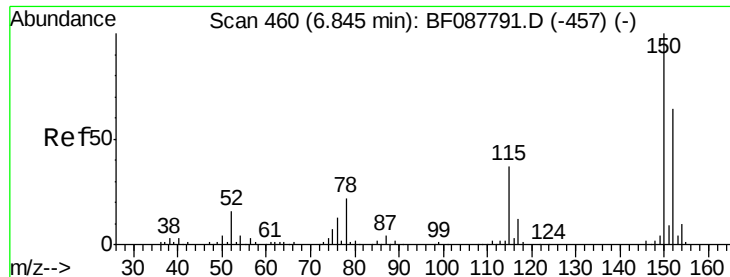
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 6/22/2016 6:08:13 PM

Quant Time: Jun 22 12:41:26 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 87218    | 26.50 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.12  | 154  | 441440   | 35.93 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.14  | 162  | 347675   | 33.96 | nq    | 93       |
| 47) 2-Nitroaniline             | 9.24  | 65   | 100600   | 33.31 | nq    | # 80     |
| 48) Acenaphthylene             | 9.55  | 152  | 532933   | 32.73 | nq    | 99       |
| 49) Dimethylphthalate          | 9.43  | 163  | 664592   | 58.00 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.48  | 165  | 86492    | 32.96 | nq    | # 62     |
| 51) Acenaphthene               | 9.72  | 154  | 312708   | 30.79 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.66  | 138  | 72858    | 24.06 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 9.84  | 184  | 3531     | 6.07  | nq    | # 1      |
| 54) Dibenzofuran               | 9.90  | 168  | 456804   | 32.66 | nq    | 95       |
| 55) 4-Nitrophenol              | 9.84  | 139  | 59093    | 25.14 | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 108717   | 32.24 | nq    | # 86     |
| 57) Fluorene                   | 10.24 | 166  | 358835   | 37.11 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 64254    | 24.84 | nq    | # 60     |
| 59) Diethylphthalate           | 10.12 | 149  | 405814   | 34.99 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.23 | 204  | 156955   | 33.74 | nq    | 98       |
| 61) 4-Nitroaniline             | 10.27 | 138  | 105257   | 36.65 | nq    | 91       |
| 62) Azobenzene                 | 10.39 | 77   | 388612   | 33.88 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 18456    | 11.70 | nq    | # 68     |
| 65) n-Nitrosodiphenylamine     | 10.35 | 169  | 342939   | 34.92 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.72 | 248  | 102001   | 32.12 | nq    | 95       |
| 67) Hexachlorobenzene          | 10.78 | 284  | 102033   | 30.93 | nq    | 98       |
| 68) Atrazine                   | 10.88 | 200  | 87658    | 29.48 | nq    | 90       |
| 69) Pentachlorophenol          | 10.98 | 266  | 44748    | 25.73 | nq    | 97       |
| 70) Phenanthrene               | 11.19 | 178  | 513866   | 33.09 | nq    | 100      |
| 71) Anthracene                 | 11.24 | 178  | 542439   | 34.63 | nq    | 98       |
| 72) Carbazole                  | 11.40 | 167  | 520179   | 35.48 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.74 | 149  | 611330   | 32.94 | nq    | 99       |
| 74) Fluoranthene               | 12.38 | 202  | 561199   | 34.24 | nq    | 96       |
| 76) Benzidine                  | 12.50 | 184  | 189733   | 32.58 | nq    | 98       |
| 77) Pyrene                     | 12.59 | 202  | 553654   | 35.47 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.22 | 149  | 249487   | 36.16 | nq    | 90       |
| 80) Benzo(a)anthracene         | 13.78 | 228  | 381869   | 31.86 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 86687    | 26.90 | nq    | # 94     |
| 82) Chrysene                   | 13.82 | 228  | 417382   | 37.02 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149  | 326500   | 38.87 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.39 | 149  | 519643   | 38.07 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.46 | 276  | 353214   | 33.72 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.79 | 252  | 334101m  | 27.28 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.82 | 252  | 360780m  | 39.06 | nq    |          |
| 89) Benzo(a)pyrene             | 15.12 | 252  | 346099   | 34.93 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 16.46 | 278  | 294474   | 32.00 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.83 | 276  | 312254   | 32.99 | nq    | 99       |

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





#1

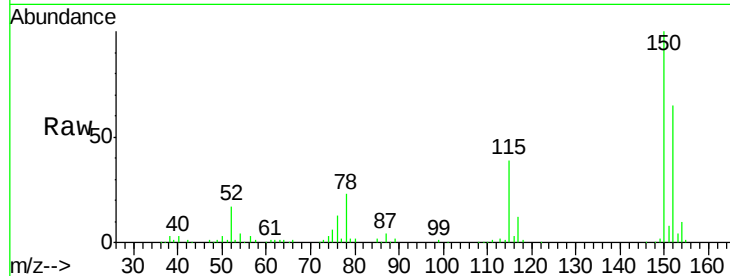
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng/ml  
RT: 6.65 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

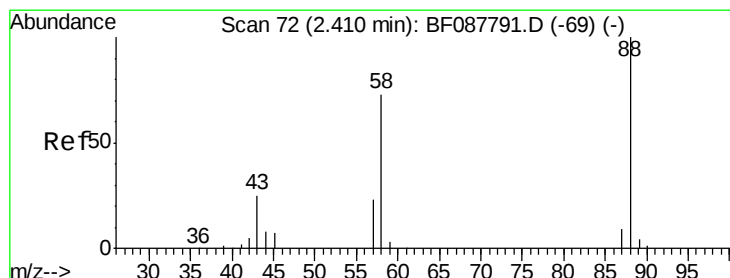
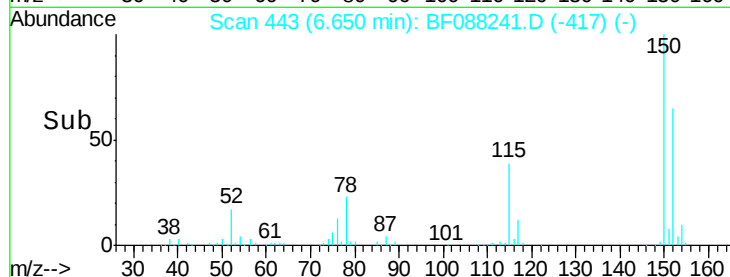
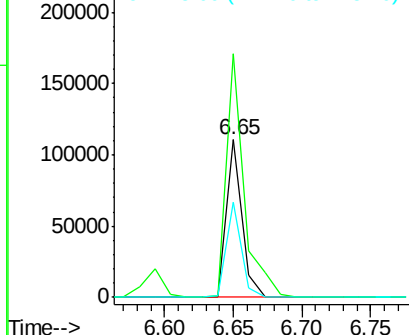
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 123.8 | 185.6 |
| 115     | 60.3  | 39.6  | 59.4  |

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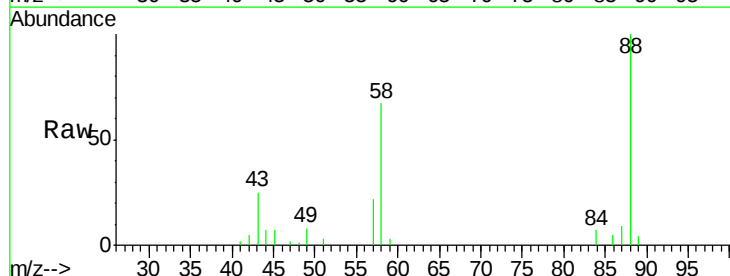
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



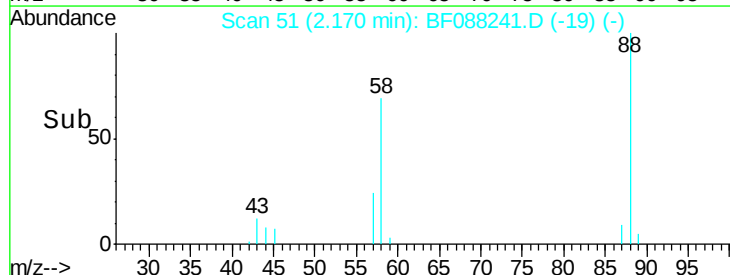
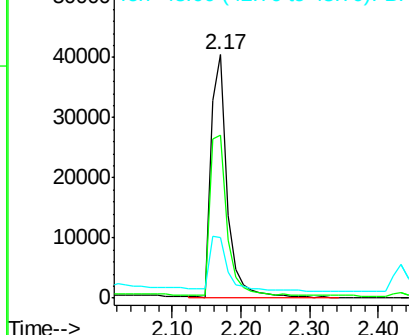
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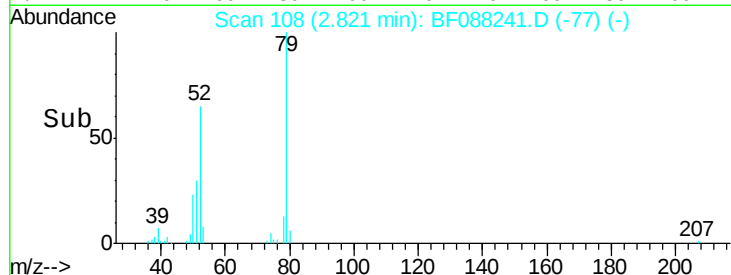
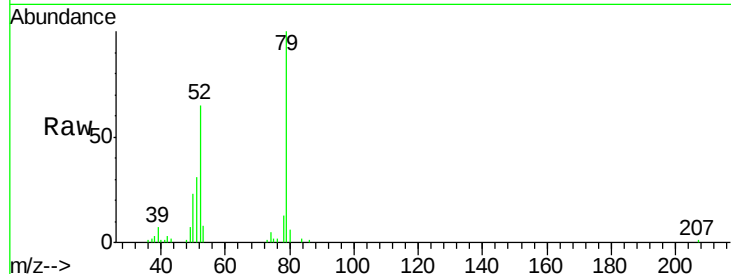
1,4-Dioxane  
Concen: 27.65 ng  
RT: 2.17 min Scan# 51  
Delta R.T. 0.07 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.0  | 0.0   | 0.0   |
| 43      | 26.4  | 3.4   | 5.2   |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





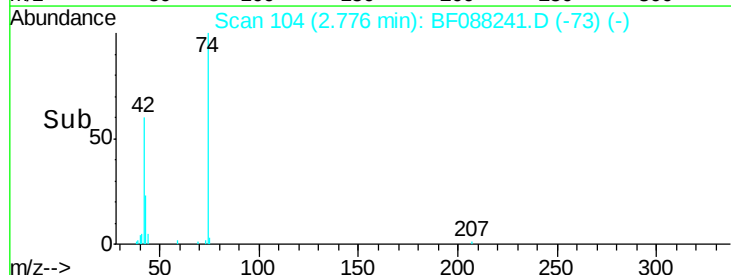
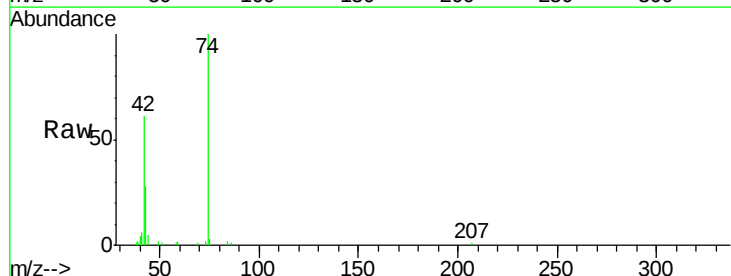
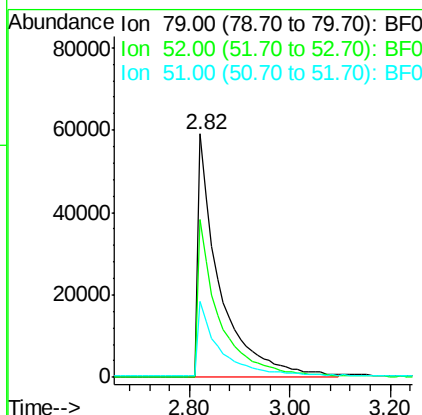
#3  
Pvridine  
Concen: 30.50 ng  
RT: 2.82 min Scan# 108  
Delta R.T. 0.06 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 177838 |       |       |
| 52      | 64.8 | 56.3  | 84.5   |       |       |
| 51      | 31.2 | 27.4  | 41.2   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

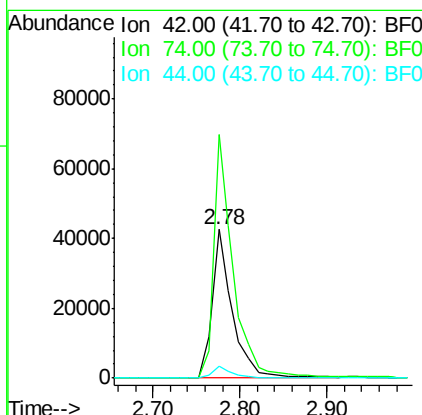
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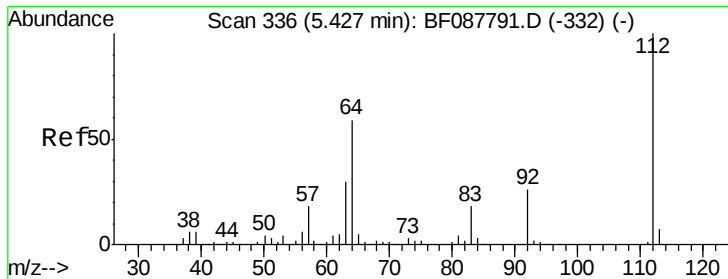
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#4  
n-Nitrosodimethylamine  
Concen: 28.39 ng  
RT: 2.78 min Scan# 104  
Delta R.T. 0.06 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 70099  |       |       |
| 74      | 163.7 | 108.6 | 163.0# |       |       |
| 44      | 7.7   | 5.5   | 8.3    |       |       |





#5

2-Fluorophenol

Concen: 86.29 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

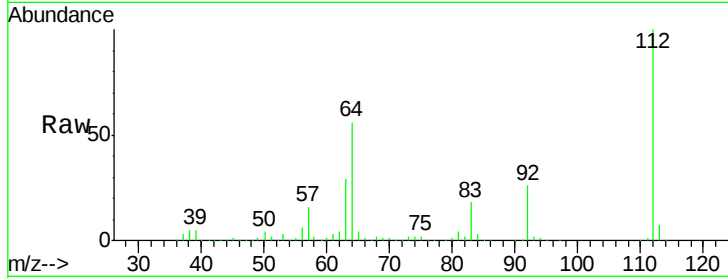
ClientSampleId :

EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 438549 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.6  | 42.2  | 63.2   |
| 63        | 28.7  | 21.8  | 32.8   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.24

400000

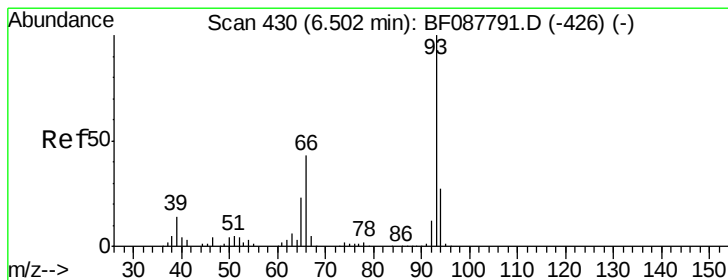
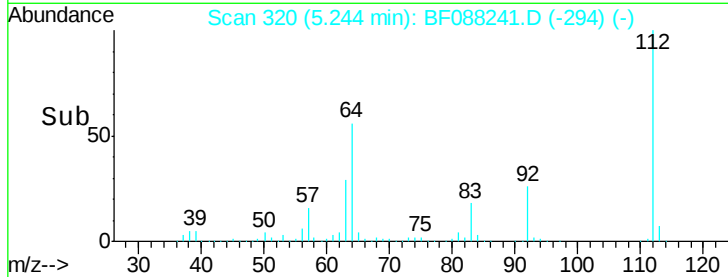
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 21.53 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.08 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 188754 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 0.7   | 29.8  | 44.8#  |
| 65        | 21.7  | 14.9  | 22.3   |

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.40

200000

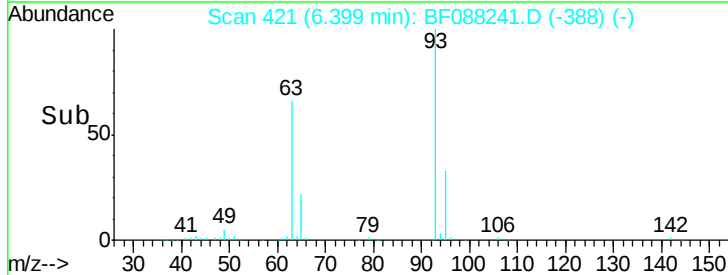
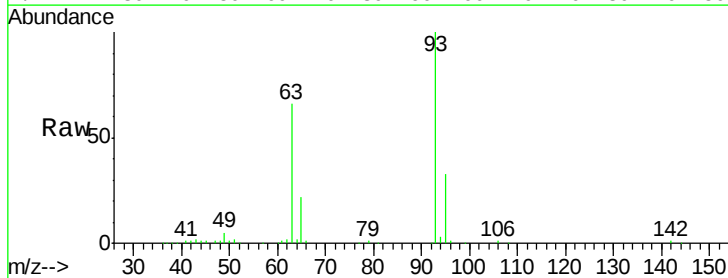
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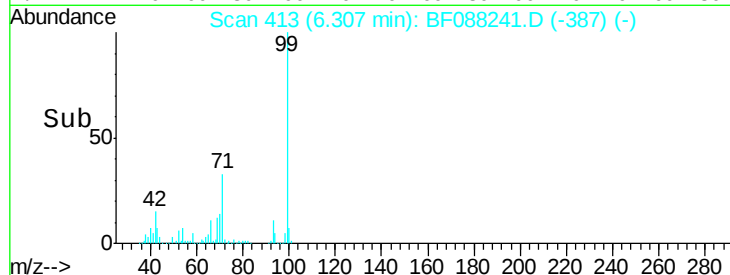
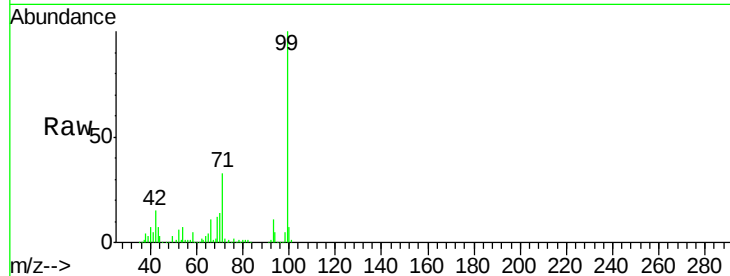
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 88.24 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 543477 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.9  | 12.2  | 18.2   |
| 71        | 32.8  | 23.4  | 35.0   |

Instrument :

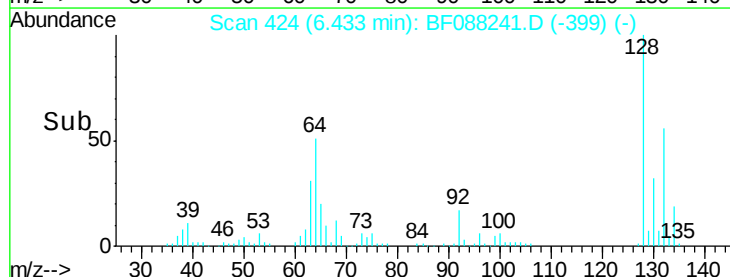
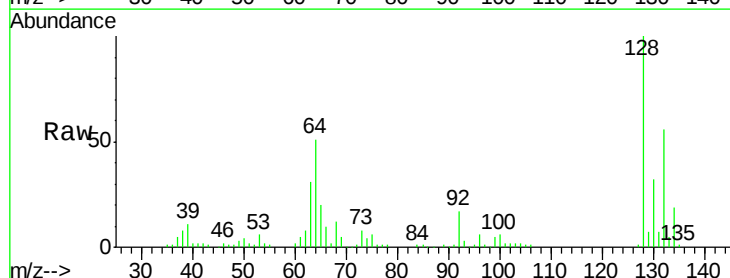
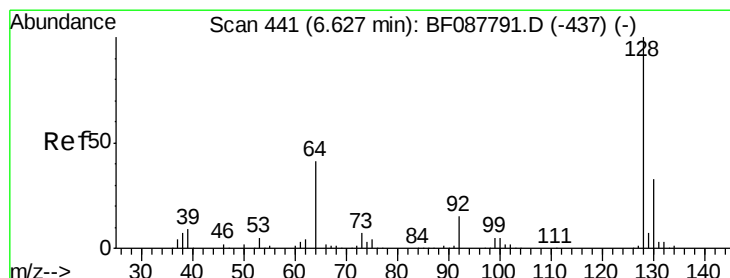
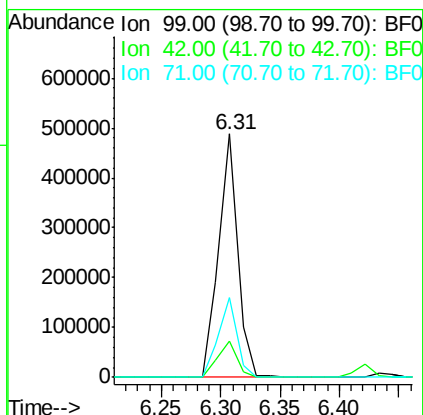
BNA\_F

ClientSampled :

EDD-3EMS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 31.98 ng

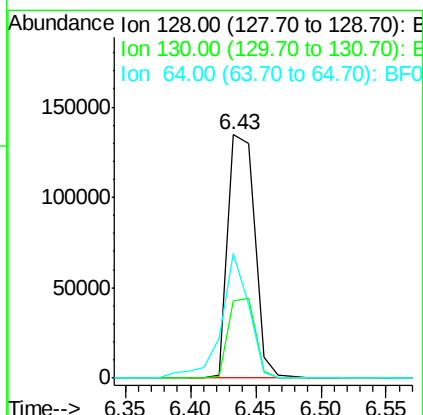
RT: 6.43 min Scan# 424

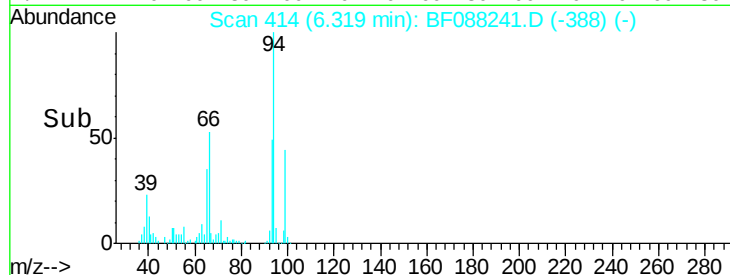
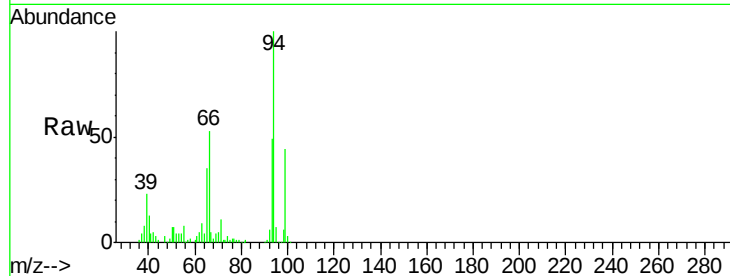
Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 192357 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 12.0  | 52.0   |
| 64        | 51.1  | 30.8  | 70.8   |





#10

Phenol

Concen: 35.22 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 94    | Resp: | 227393 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 35.3  | 5.9   | 45.9   |
| 66        | 53.1  | 14.0  | 54.0   |

Instrument :

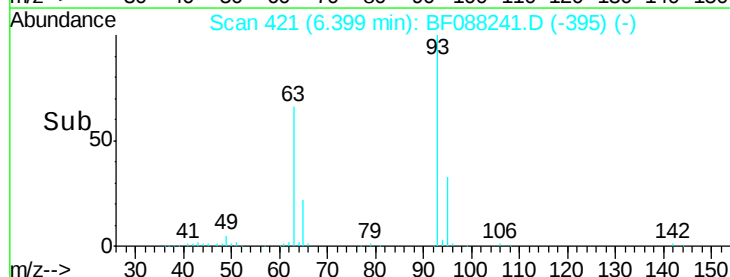
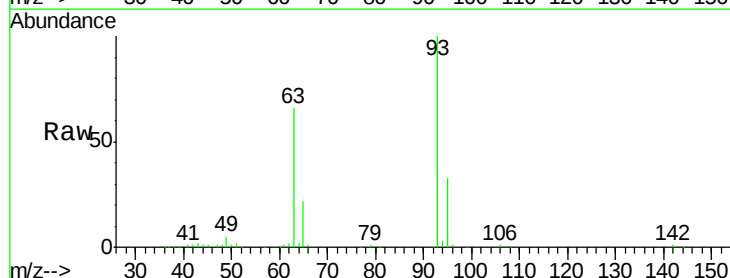
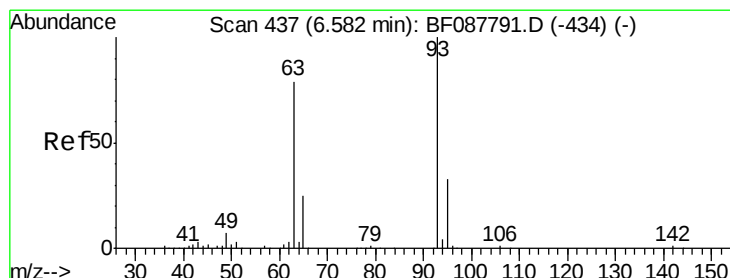
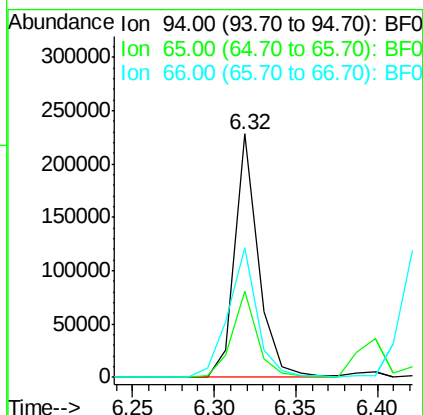
BNA\_F

ClientSampleId :

EDD-3EMS

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#11

bis(2-Chloroethyl)ether

Concen: 34.95 ng

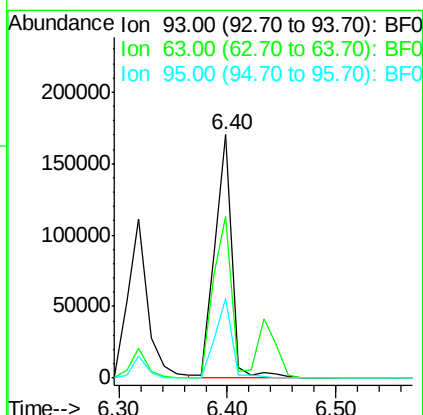
RT: 6.40 min Scan# 421

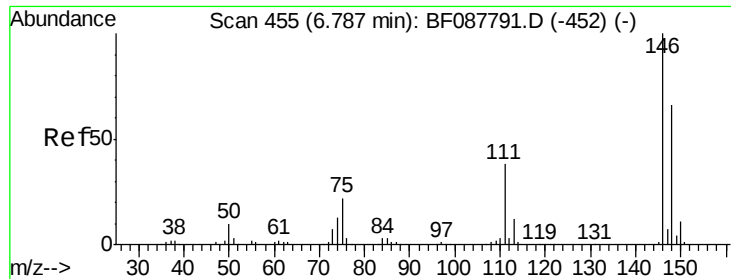
Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 188754 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 66.3  | 67.6  | 107.6# |
| 95        | 32.8  | 12.5  | 52.5   |





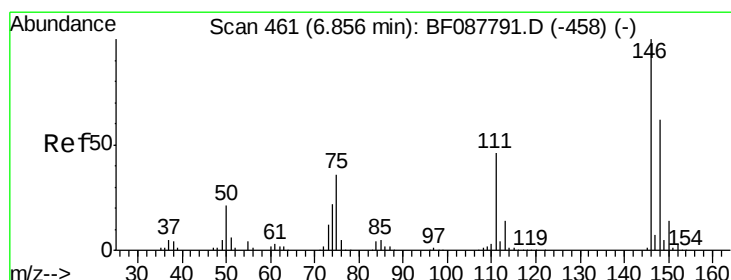
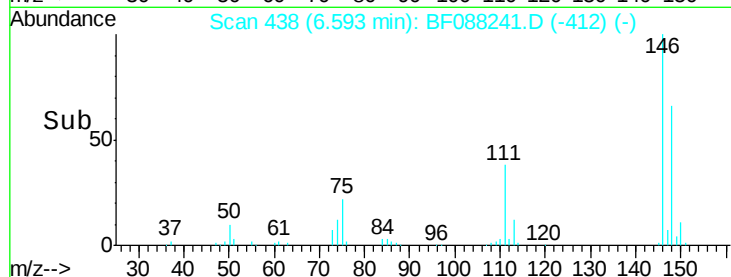
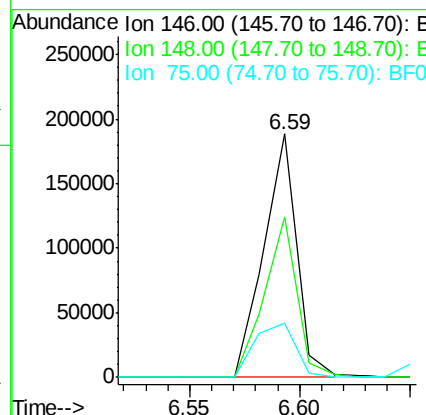
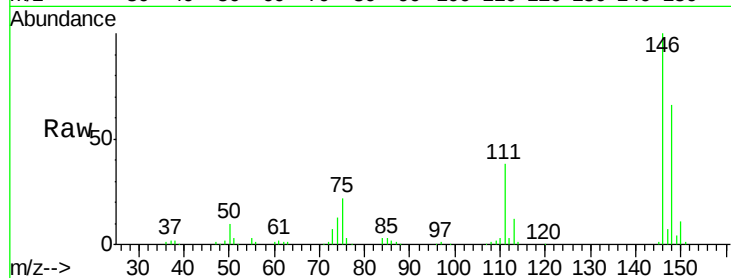
#12  
 1,3-Dichlorobenzene  
 Concen: 30.60 ng m  
 RT: 6.59 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 50.9  | 76.3  |
| 75      | 22.1  | 25.6  | 38.4  |

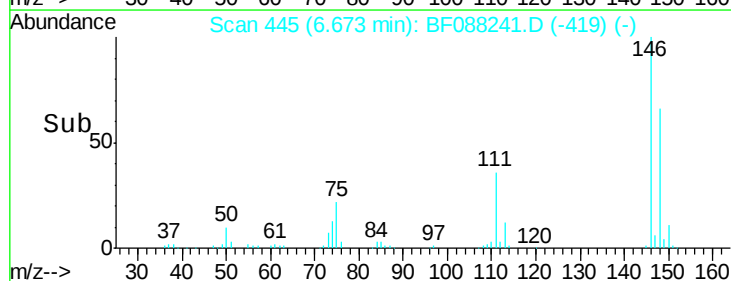
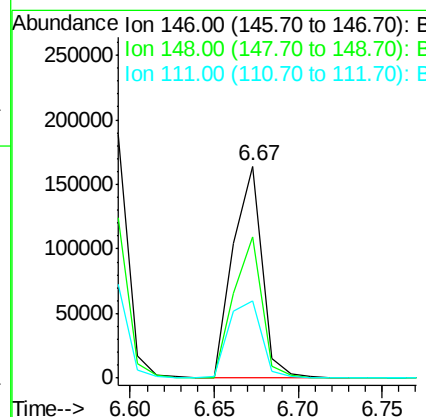
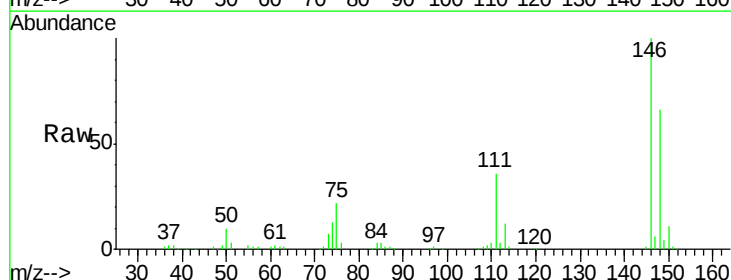
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#13  
 1,4-Dichlorobenzene  
 Concen: 30.55 ng m  
 RT: 6.67 min Scan# 445  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.3  | 52.0  | 78.0  |
| 111     | 36.4  | 33.8  | 50.8  |





#14

1,2-Dichlorobenzene

Concen: 33.97 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

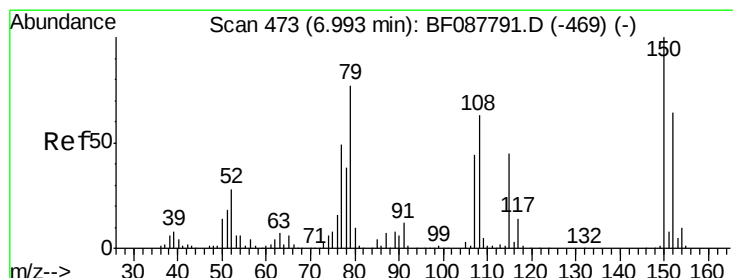
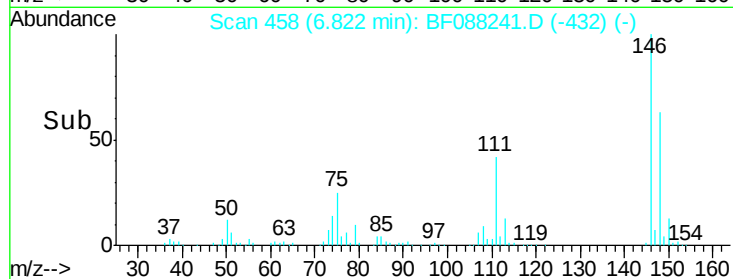
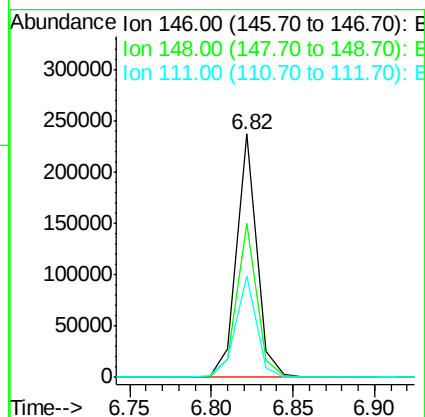
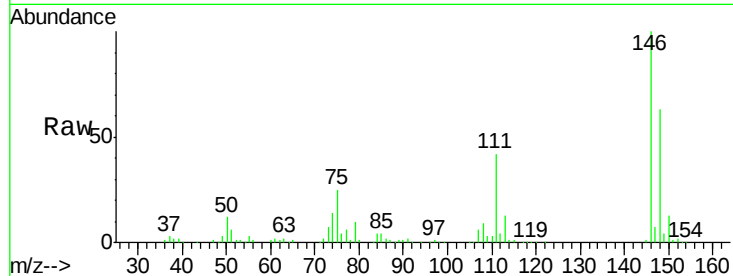
ClientSampleId :

EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 200855 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 52.3  | 78.5   |
| 111       | 41.7  | 28.7  | 43.1   |

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#15

Benzyl Alcohol

Concen: 26.96 ng

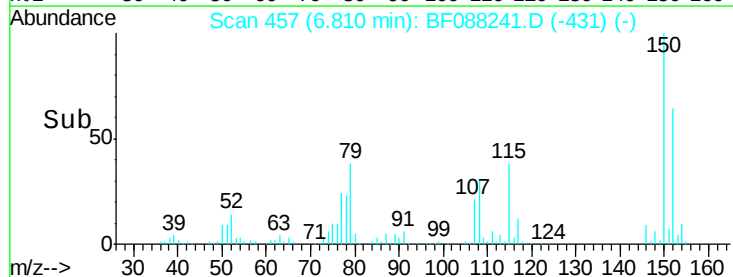
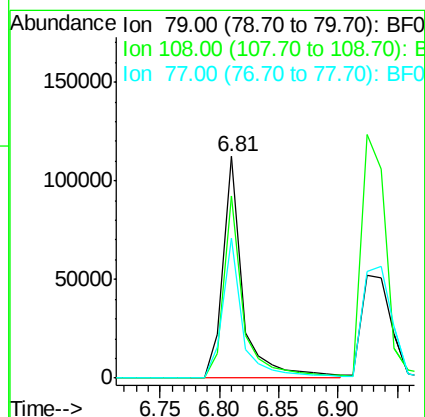
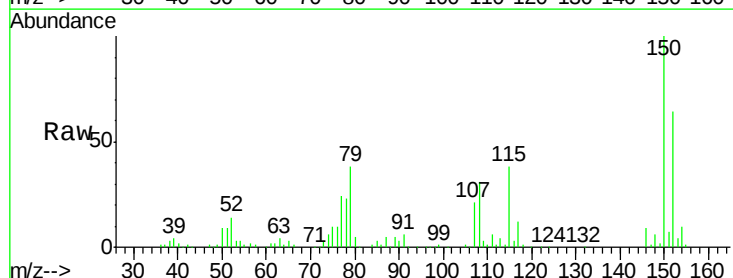
RT: 6.81 min Scan# 457

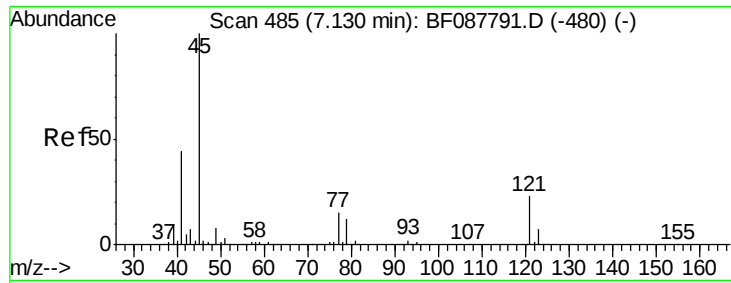
Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 129918 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.3  | 65.0  | 97.6   |
| 77        | 63.3  | 50.3  | 75.5   |





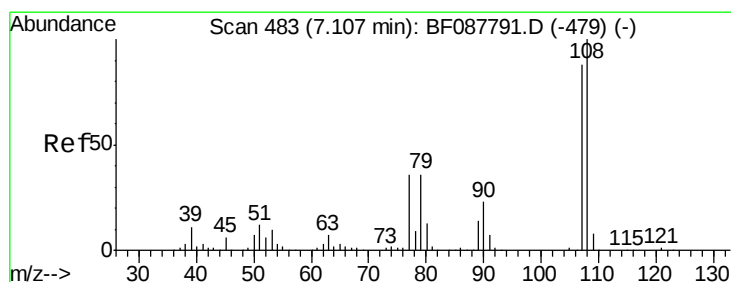
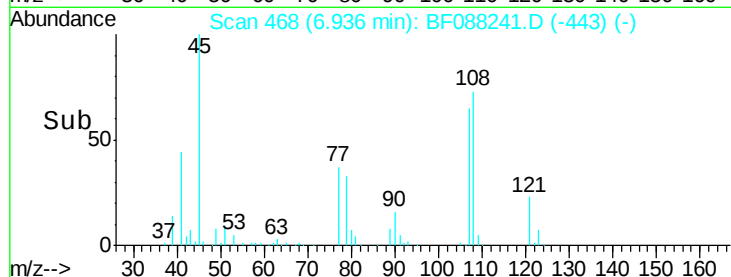
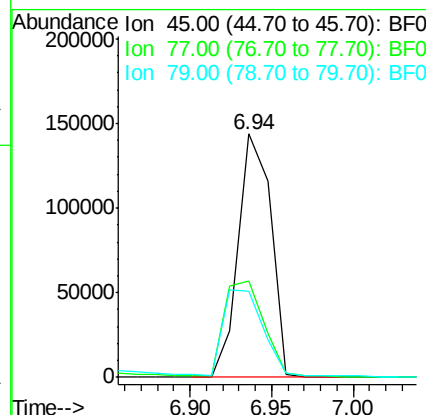
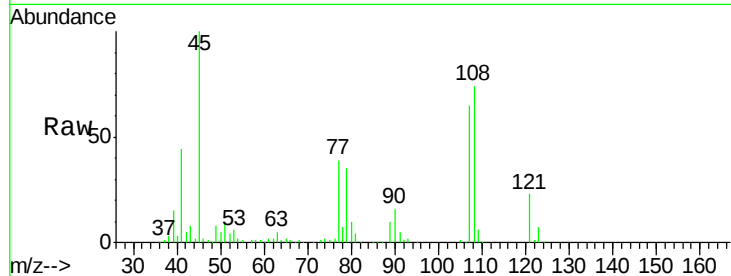
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 27.21 ng  
RT: 6.94 min Scan# 468  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 45      | 100   |            |       |
| 77      | 39.5  | 0.0        | 32.5# |
| 79      | 35.3  | 0.0        | 29.5# |

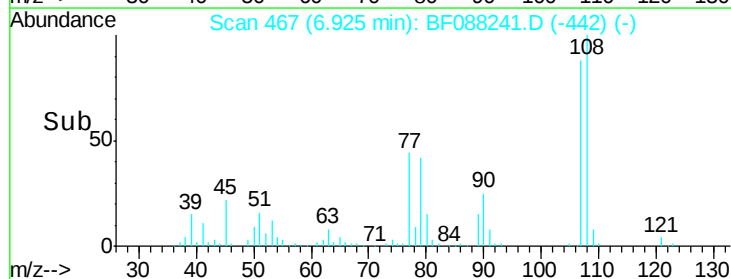
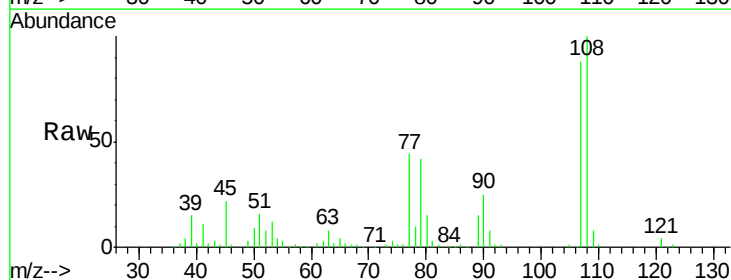
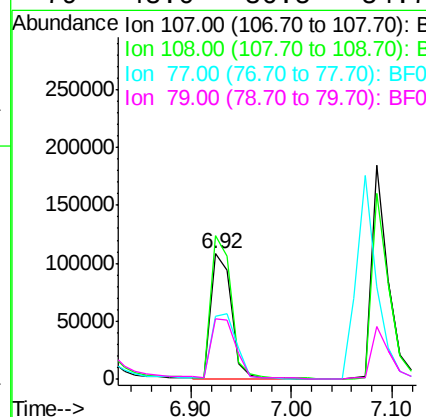
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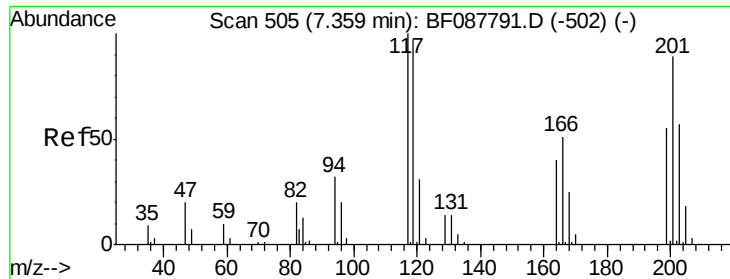
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#17  
2-Methylphenol  
Concen: 31.16 ng  
RT: 6.92 min Scan# 467  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 113.9 | 90.9       | 136.3 |
| 77      | 49.8  | 36.6       | 55.0  |
| 79      | 48.0  | 36.5       | 54.7  |





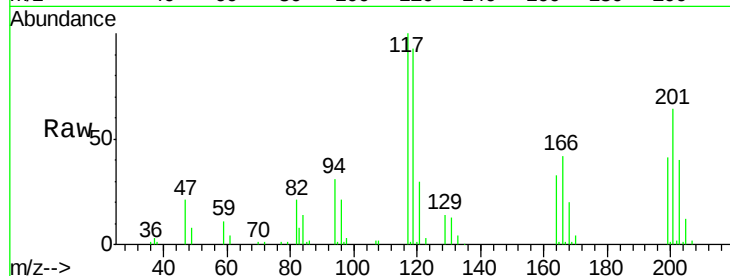
#18  
Hexachloroethane  
Concen: 31.59 ng m  
RT: 7.15 min Scan# 487  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.3  | 77.4  | 116.2 |
| 201     | 63.6  | 80.4  | 120.6 |

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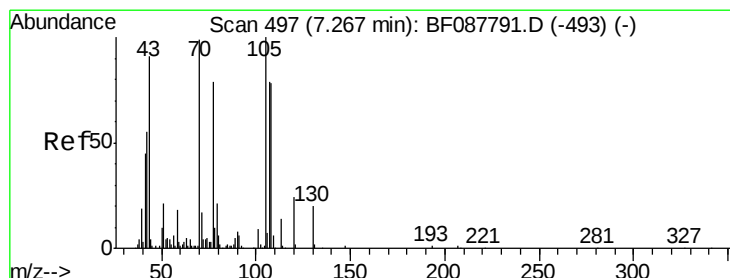
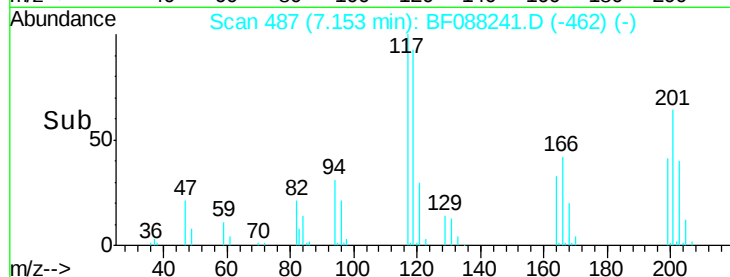
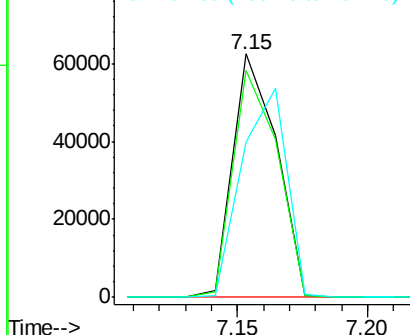


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19  
n-Nitroso-di-n-propylamine  
Concen: 29.47 ng  
RT: 7.07 min Scan# 480  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.9  | 49.6  | 74.4  |
| 101     | 9.9   | 7.1   | 10.7  |
| 130     | 20.7  | 15.4  | 23.2  |

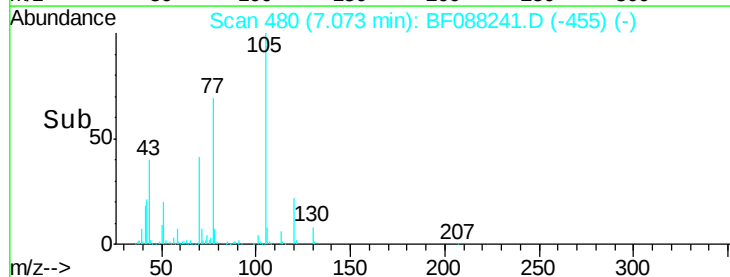
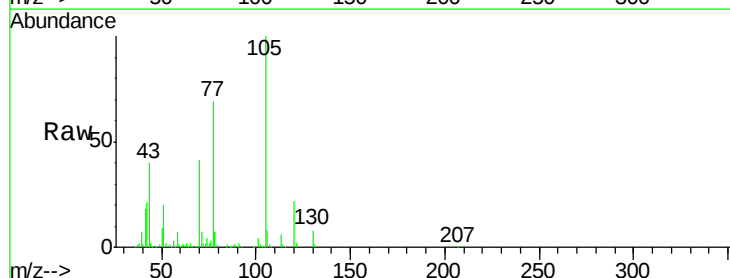
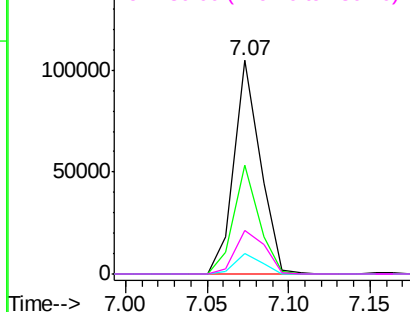
Abundance

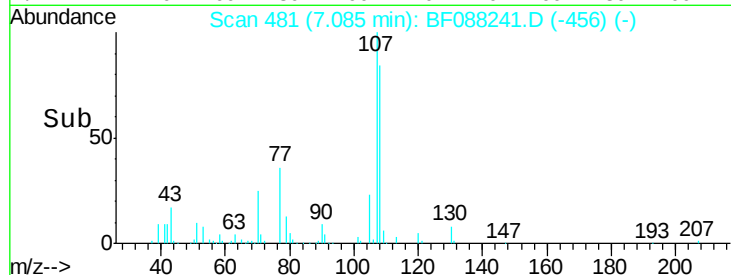
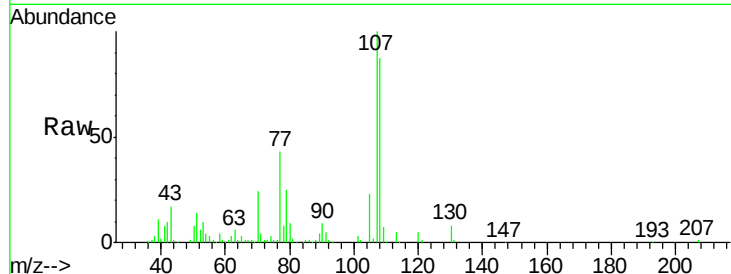
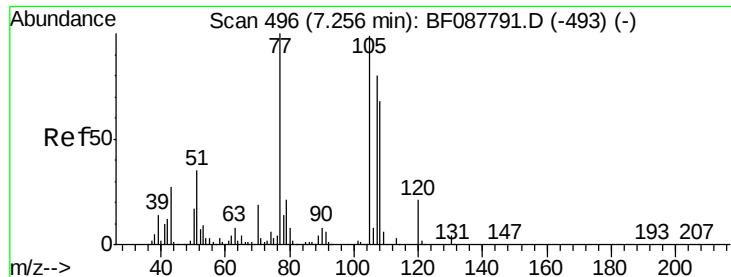
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

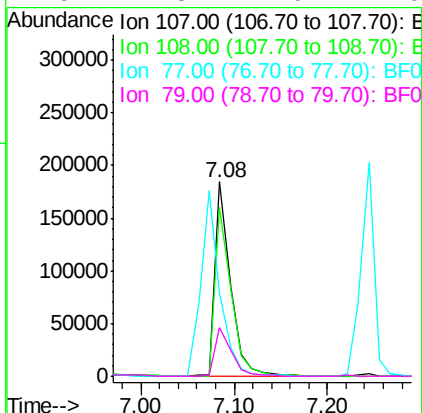
Ion 130.00 (129.70 to 130.70): E





#20  
3+4-Methylphenols  
Concen: 37.22 ng  
RT: 7.08 min Scan# 481  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

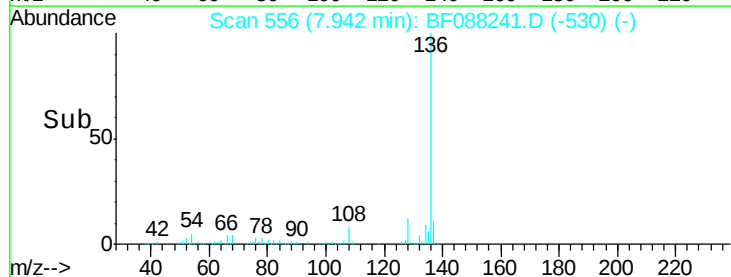
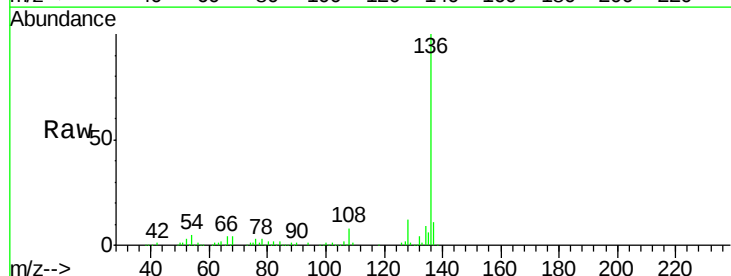
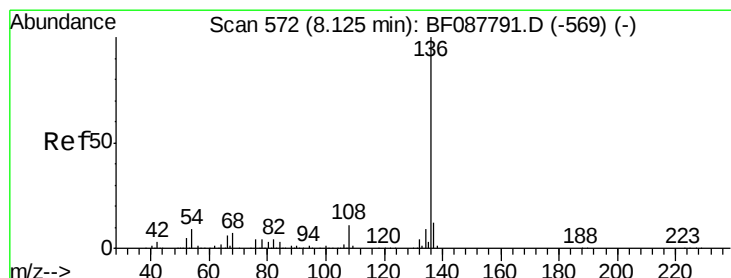
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 86.9  | 67.8 | 107.8 |       |
| 77      | 43.1  | 59.3 | 99.3# |       |
| 79      | 24.8  | 7.0  | 47.0  |       |



Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

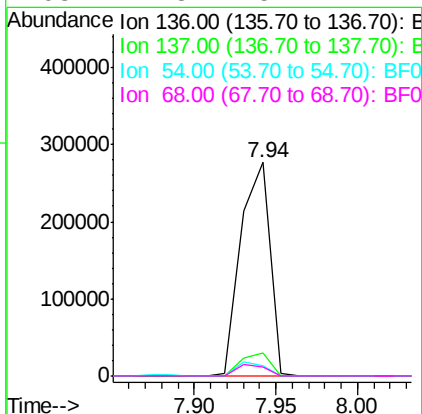
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.94 min Scan# 556  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.5  | 9.1  | 13.7  |       |
| 54      | 4.8   | 6.6  | 10.0# |       |
| 68      | 4.3   | 5.1  | 7.7#  |       |





#22

Acetophenone

Concen: 34.52 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088241.D

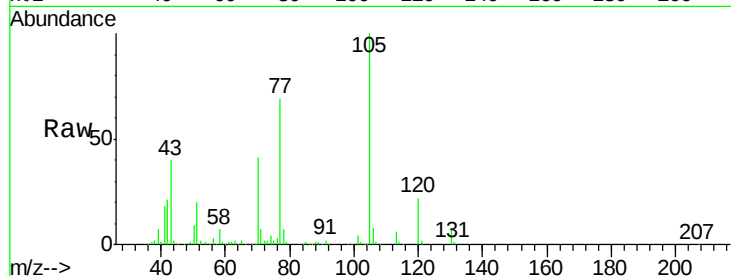
Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

ClientSampleId :

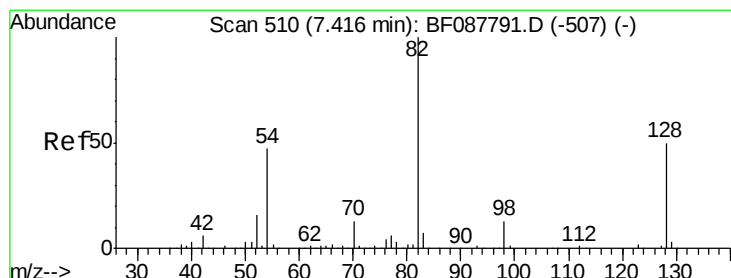
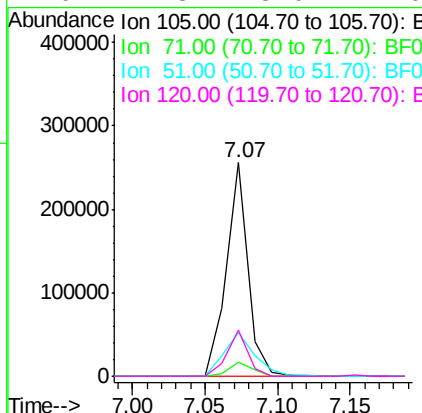
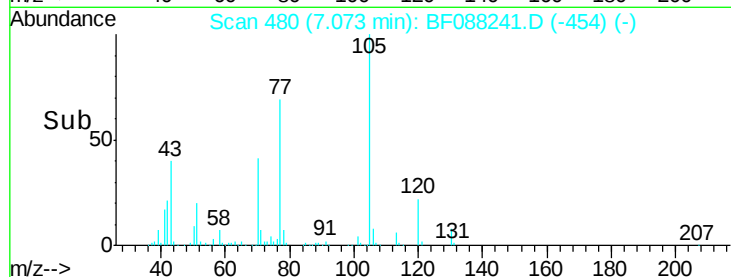
EDD-3EMS



| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 263852  | 105 | 100   |      |       |       |
|         | 71  | 6.9   | 5.3  | 7.9   |       |
|         | 51  | 20.1  | 18.2 | 27.4  |       |
|         | 120 | 21.8  | 18.0 | 27.0  |       |

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#23

Nitrobenzene-d5

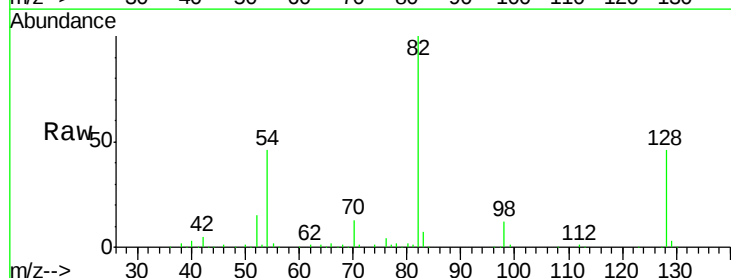
Concen: 56.81 ng

RT: 7.22 min Scan# 493

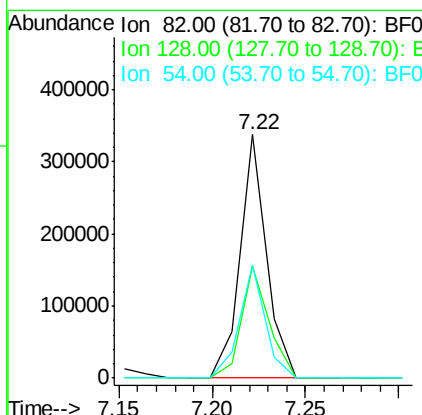
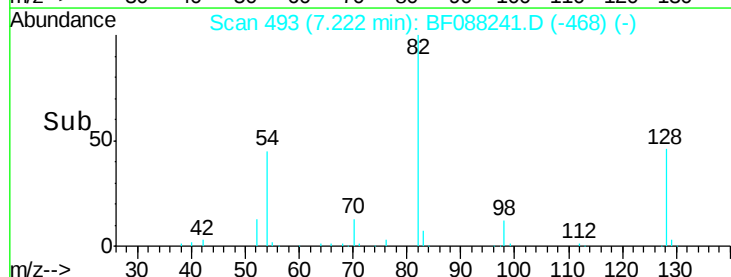
Delta R.T. -0.01 min

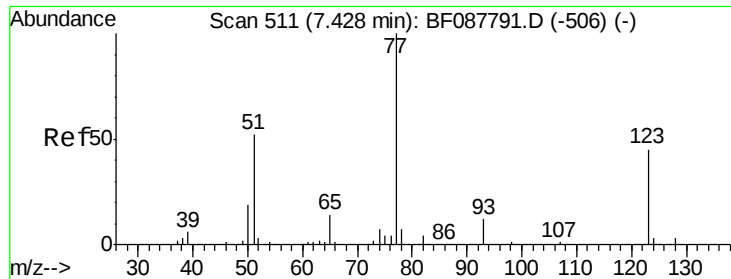
Lab File: BF088241.D

Acq: 22 Jun 2016 5:54



| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 332722  | 82  | 100   |      |       |       |
|         | 128 | 46.0  | 35.9 | 53.9  |       |
|         | 54  | 46.2  | 40.9 | 61.3  |       |





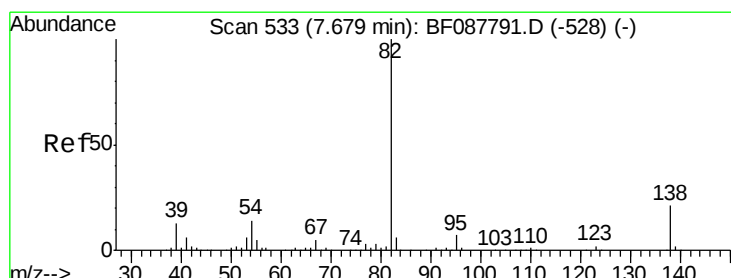
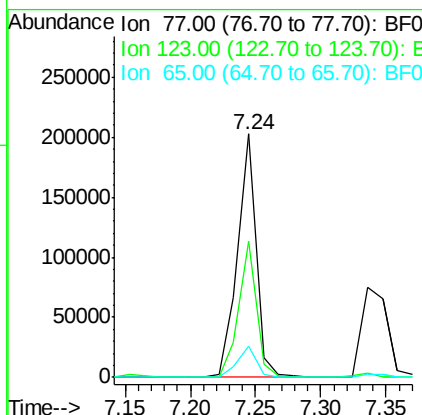
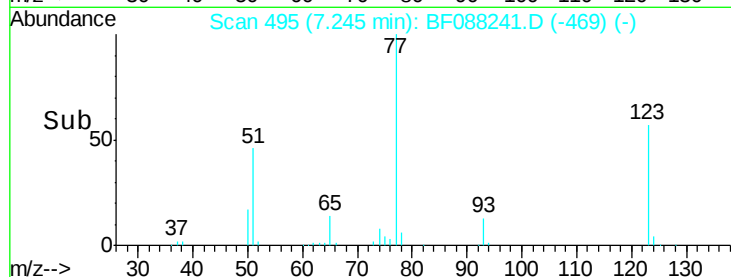
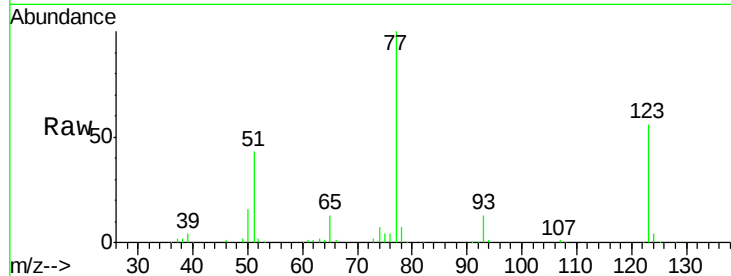
#24  
 Nitrobenzene  
 Concen: 35.45 ng  
 RT: 7.24 min Scan# 495  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 56.1  | 45.0  | 67.4  |
| 65      | 12.8  | 10.2  | 15.2  |

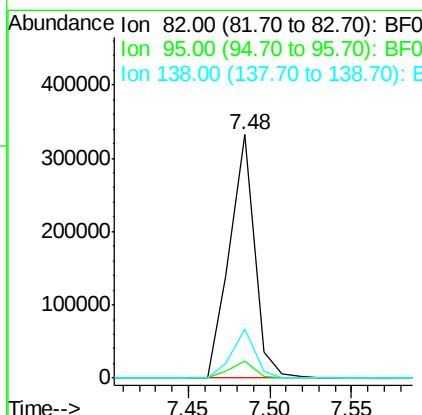
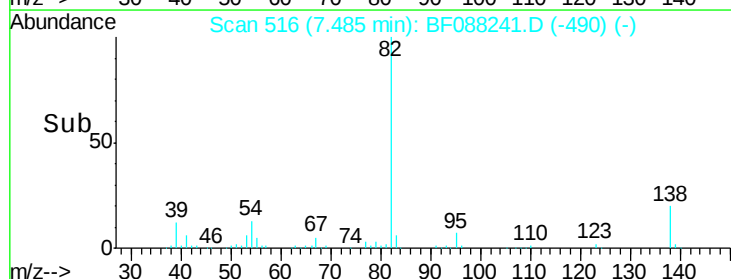
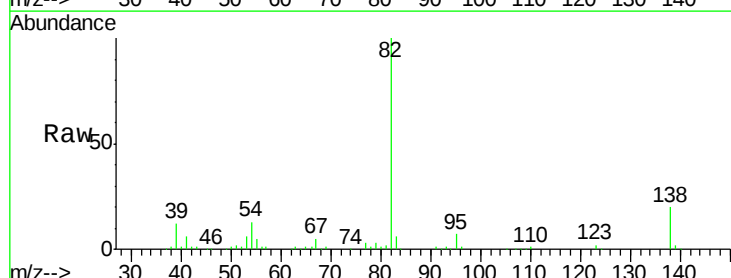
Manual Integrations  
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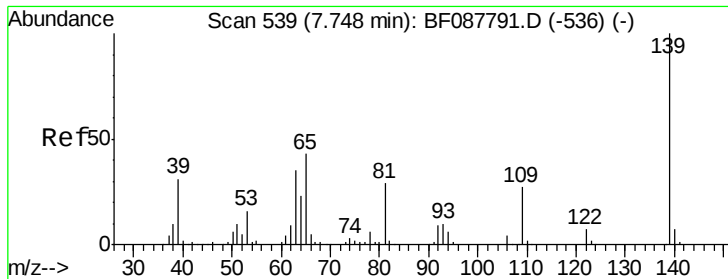
sohil  
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#25  
 Isophorone  
 Concen: 32.61 ng  
 RT: 7.48 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.1   | 5.4   | 8.2   |
| 138     | 20.4  | 14.6  | 21.8  |





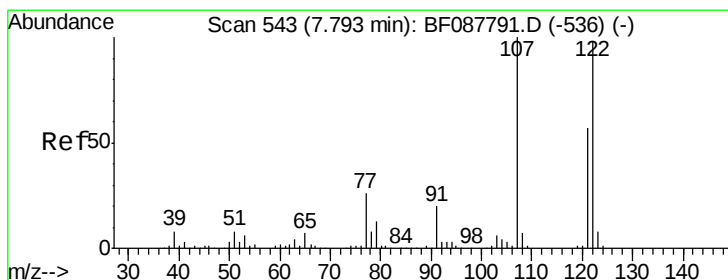
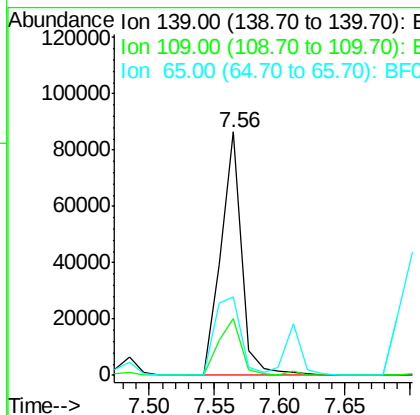
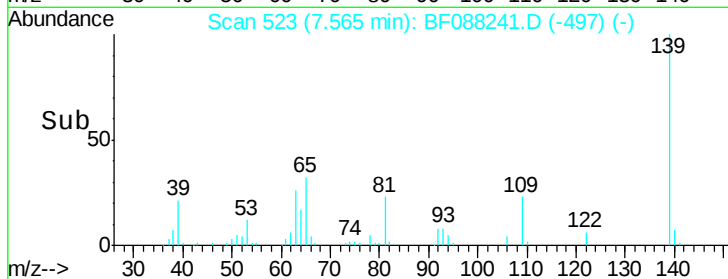
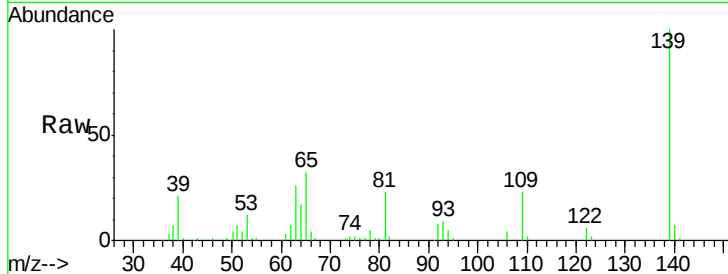
#26  
 2-Nitrophenol  
 Concen: 31.48 ng  
 RT: 7.56 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampled :  
 EDD-3EMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 23.4  | 23.0 | 34.4  |       |
| 65      | 32.3  | 45.8 | 68.8  |       |

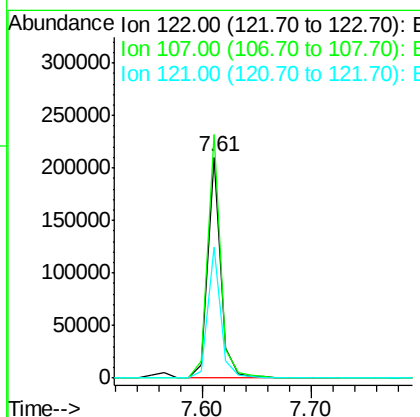
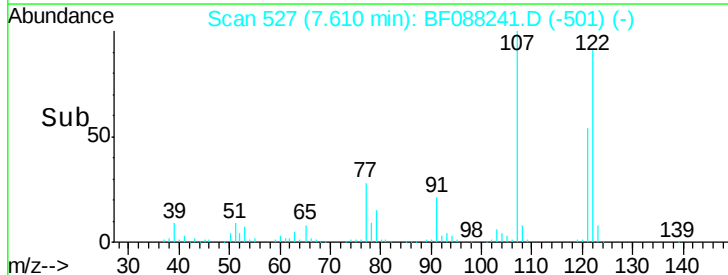
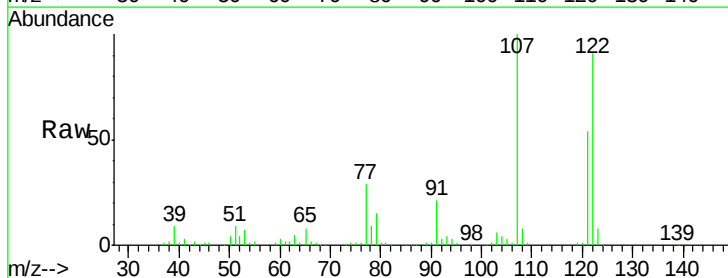
Manual Integrations  
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#27  
 2,4-Dimethylphenol  
 Concen: 32.03 ng  
 RT: 7.61 min Scan# 527  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 110.1 | 82.4 | 123.6 |       |
| 121     | 59.2  | 46.3 | 69.5  |       |





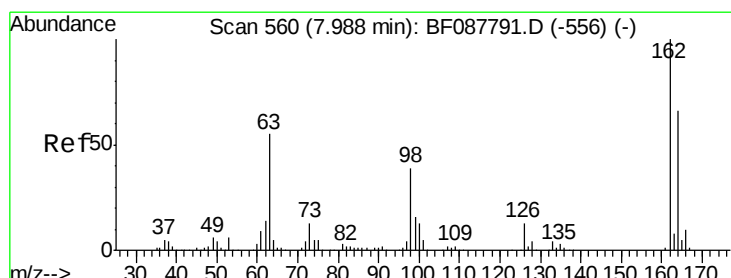
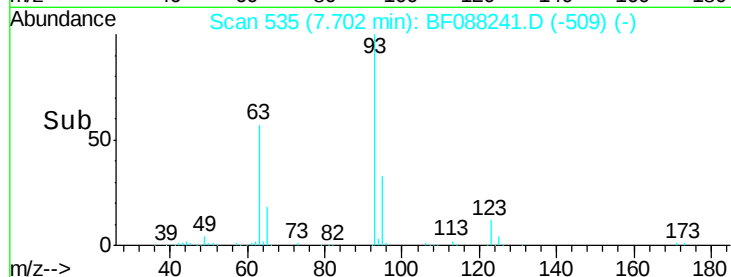
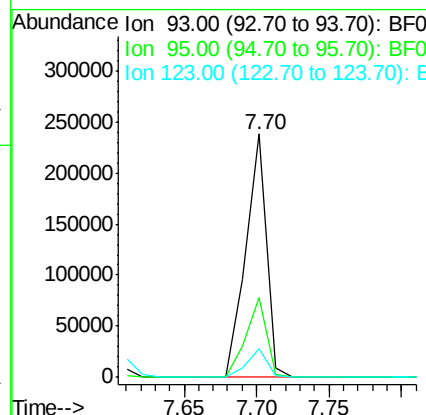
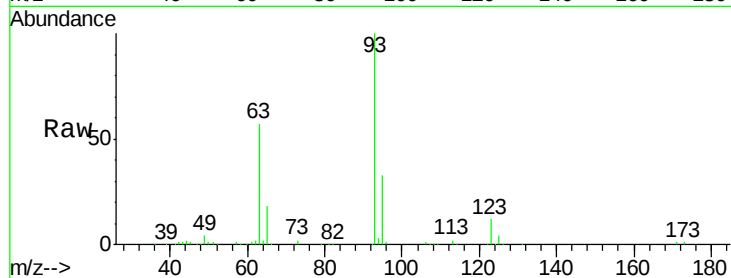
#28  
bis(2-Chloroethoxy)methane  
Concen: 35.14 ng  
RT: 7.70 min Scan# 535  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 236438 |       |       |
| 95      | 32.8  | 26.5   | 39.7  |       |
| 123     | 11.8  | 11.6   | 17.4  |       |

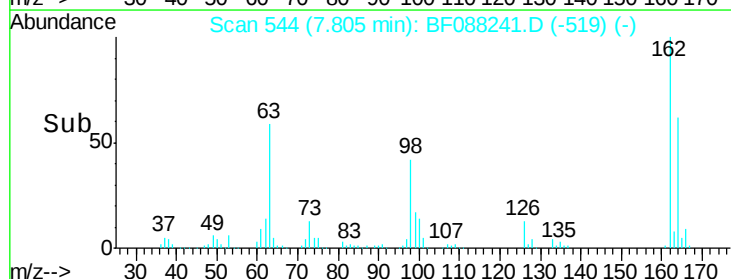
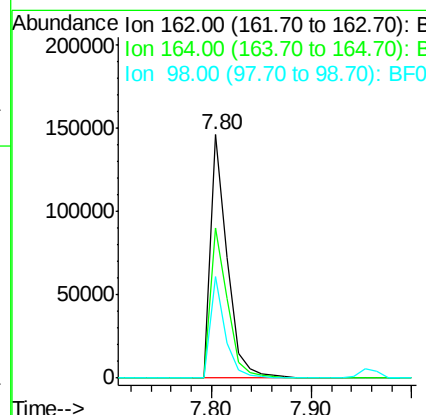
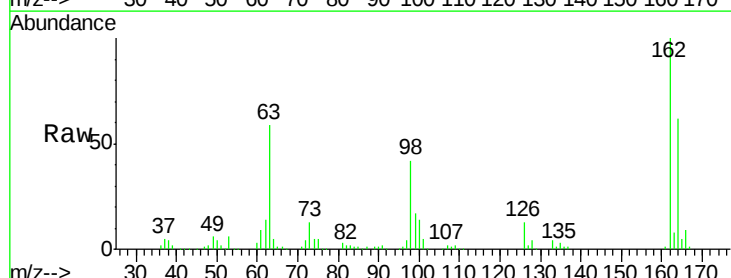
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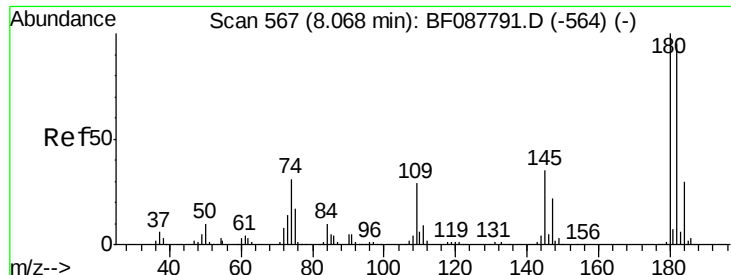
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#29  
2,4-Dichlorophenol  
Concen: 36.06 ng  
RT: 7.80 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 168480 |       |       |
| 164     | 61.6  | 43.8   | 83.8  |       |
| 98      | 41.8  | 21.3   | 61.3  |       |





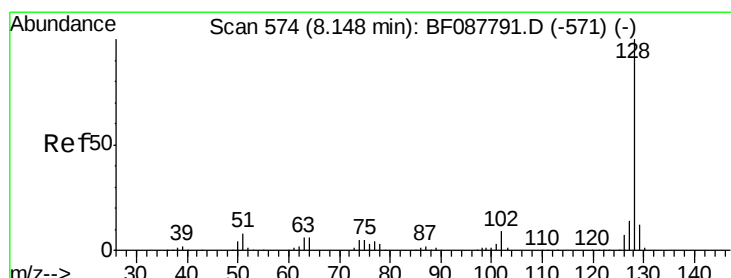
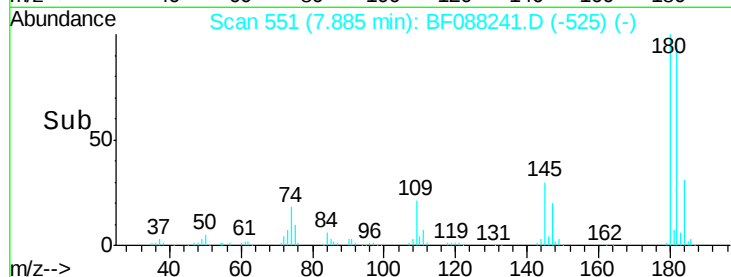
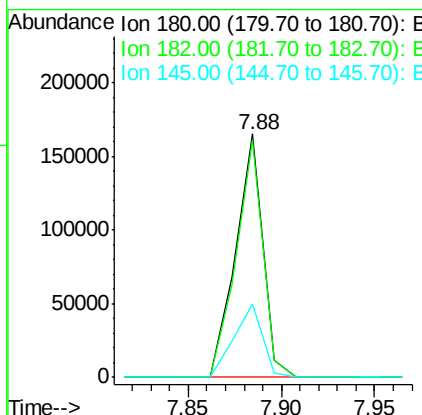
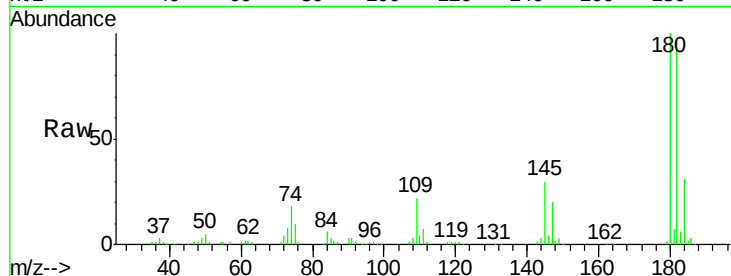
#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.08 ng  
 RT: 7.88 min Scan# 551  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 168265 |       |       |
| 182     | 97.3  | 76.0   | 114.0 |       |
| 145     | 30.1  | 26.5   | 39.7  |       |

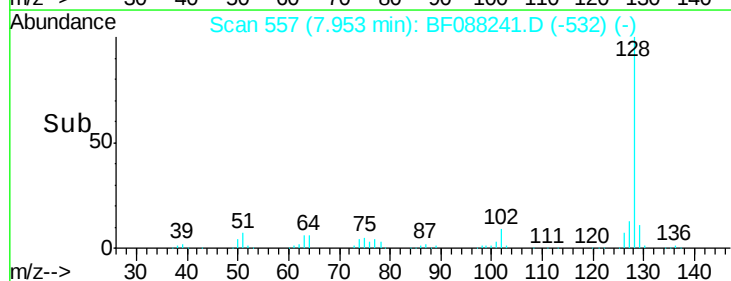
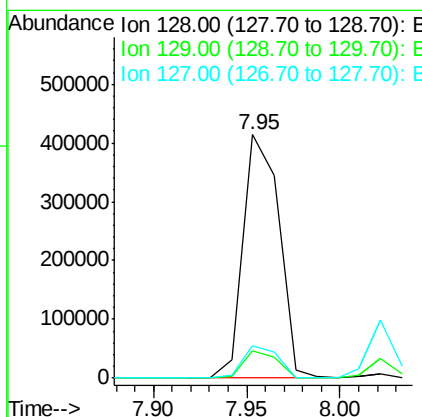
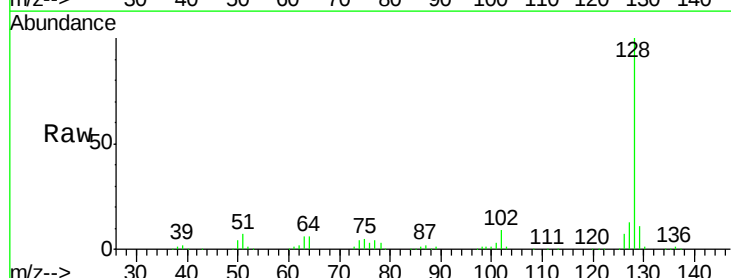
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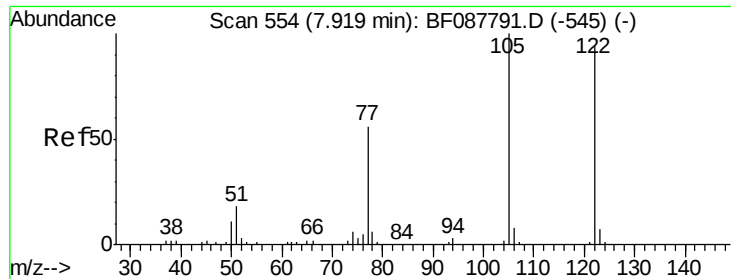
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#31  
 Naphthalene  
 Concen: 32.71 ng  
 RT: 7.95 min Scan# 557  
 Delta R.T. -0.01 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 553582 |       |       |
| 129     | 11.4  | 9.4    | 14.2  |       |
| 127     | 13.1  | 10.9   | 16.3  |       |





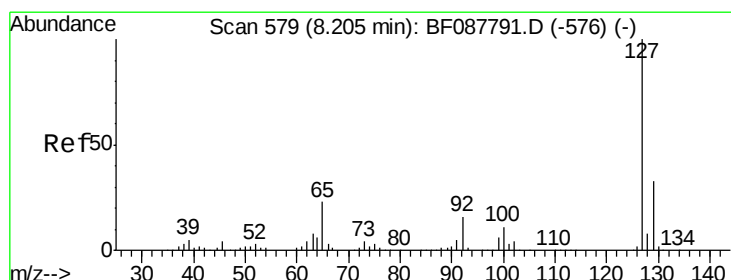
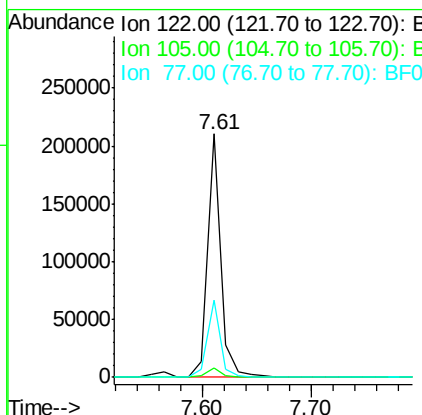
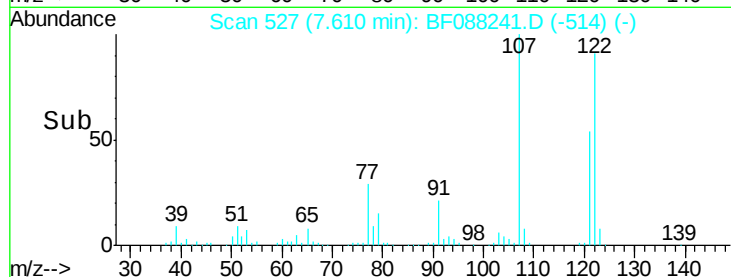
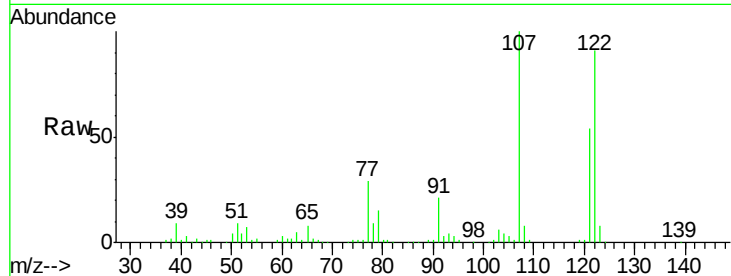
#32  
Benzoic acid  
Concen: 58.17 ng  
RT: 7.61 min Scan# 527  
Delta R.T. -0.15 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 3.6   | 101.6 | 141.6# |
| 77      | 31.5  | 70.6  | 110.6# |

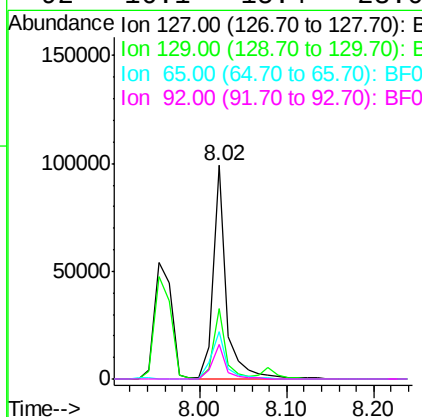
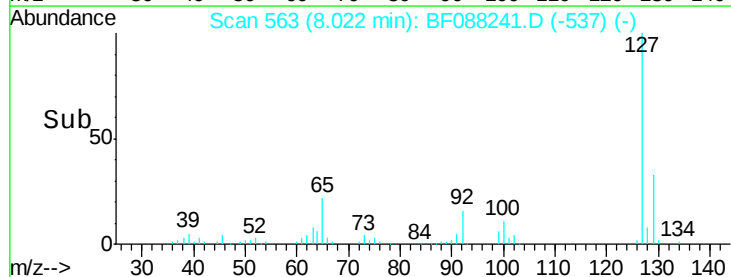
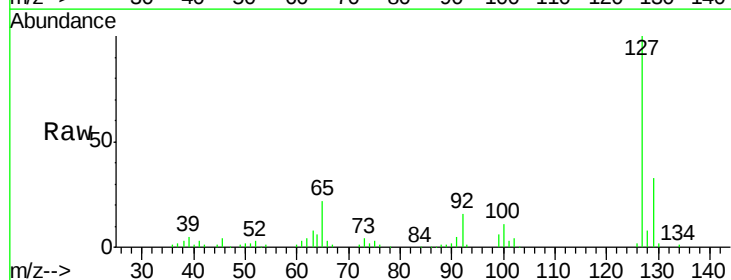
Manual Integrations  
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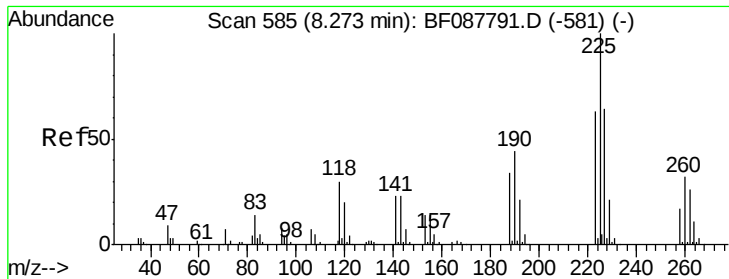
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#33  
4-Chloroaniline  
Concen: 13.96 ng  
RT: 8.02 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.8  | 26.3  | 39.5  |
| 65      | 22.3  | 24.7  | 37.1# |
| 92      | 16.1  | 15.4  | 23.0  |





#34

Hexachlorobutadiene

Concen: 32.40 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

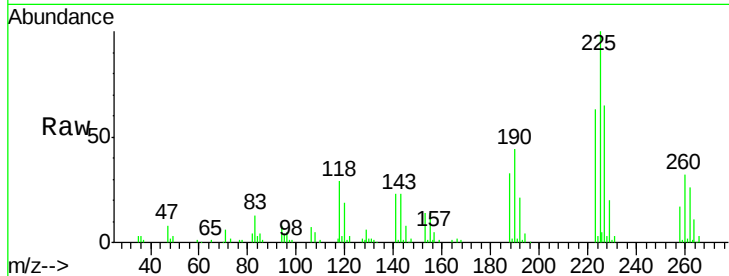
ClientSampleId :

EDD-3EMS

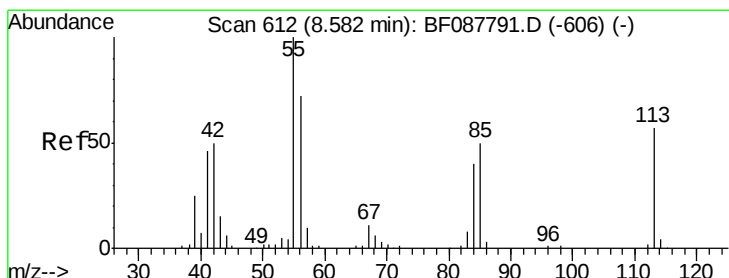
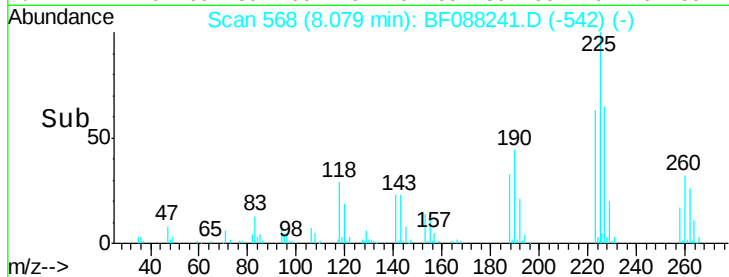
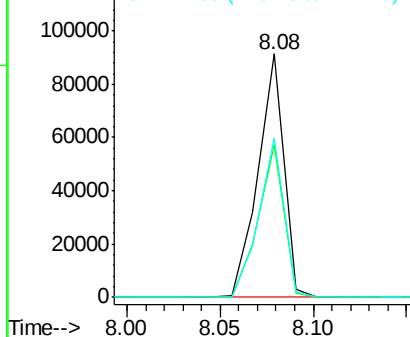
|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 225  | Resp: | 86916 |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 62.9 | 50.9  | 76.3  |
| 227       | 65.1 | 51.9  | 77.9  |

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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: 33.39 ng

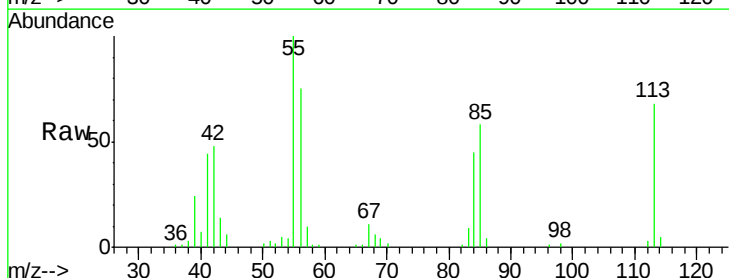
RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

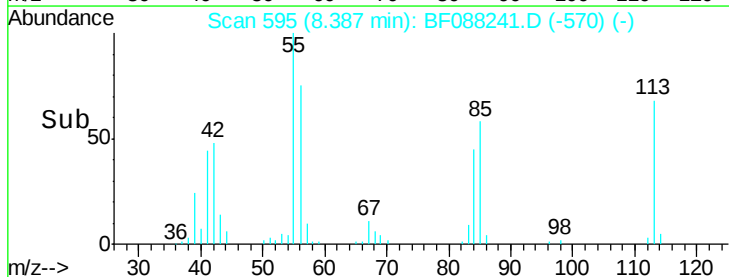
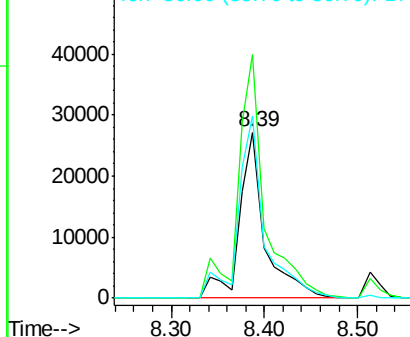
Lab File: BF088241.D

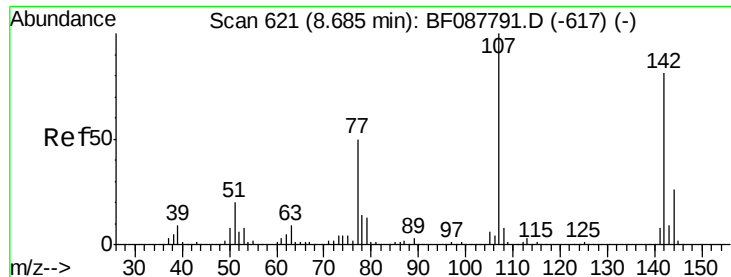
Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 51672  |
| Ion Ratio |       | Lower | Upper  |
| 113       | 100   |       |        |
| 55        | 147.0 | 158.6 | 198.6# |
| 56        | 109.7 | 110.6 | 150.6# |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0





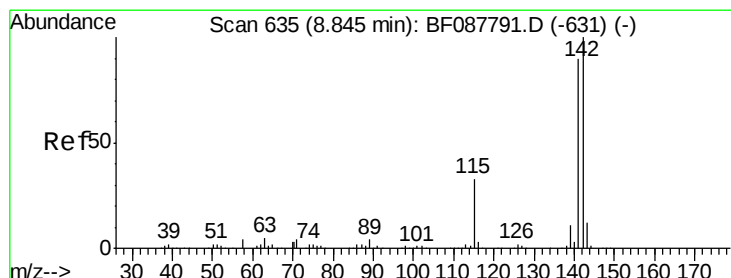
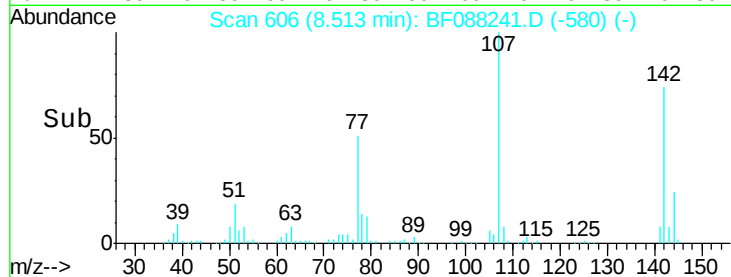
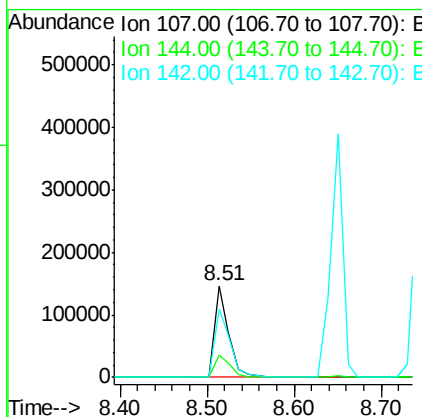
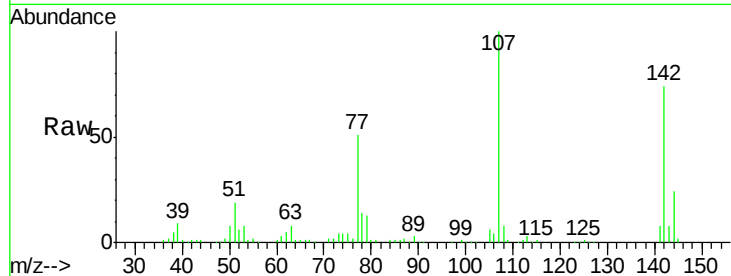
#36  
 4-Chloro-3-methylphenol  
 Concen: 33.56 ng  
 RT: 8.51 min Scan# 606  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 167679 |       |       |
| 144     | 23.5  | 20.8   | 31.2  |       |
| 142     | 74.0  | 63.4   | 95.2  |       |

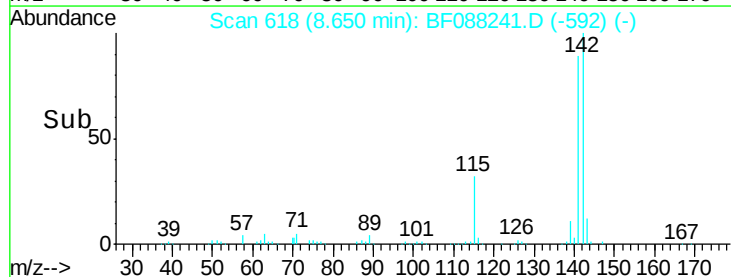
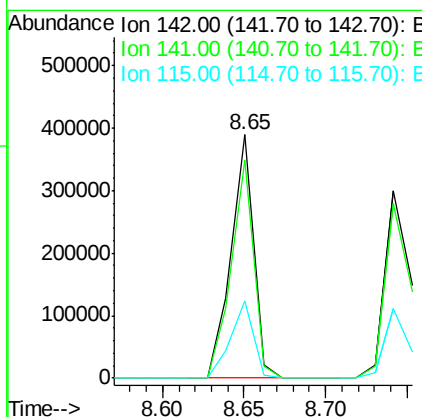
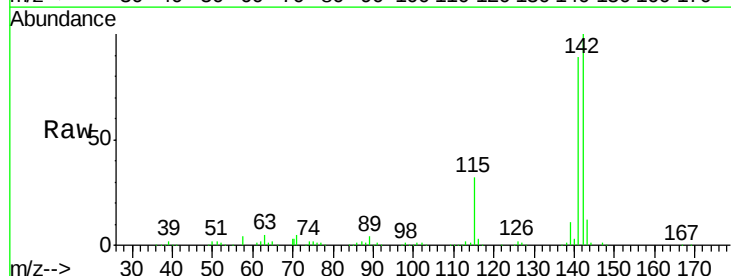
Manual Integrations  
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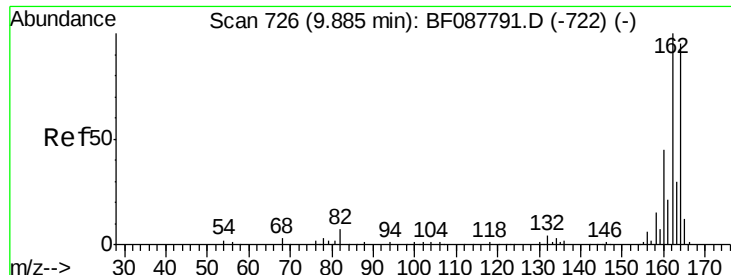
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#37  
 2-Methylnaphthalene  
 Concen: 33.26 ng  
 RT: 8.65 min Scan# 618  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 370978 |       |       |
| 141     | 89.5  | 71.0   | 106.6 |       |
| 115     | 31.9  | 22.6   | 33.8  |       |





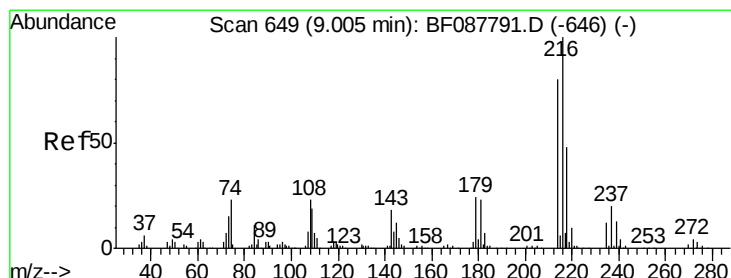
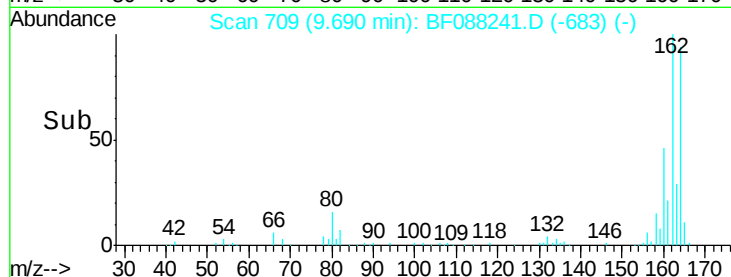
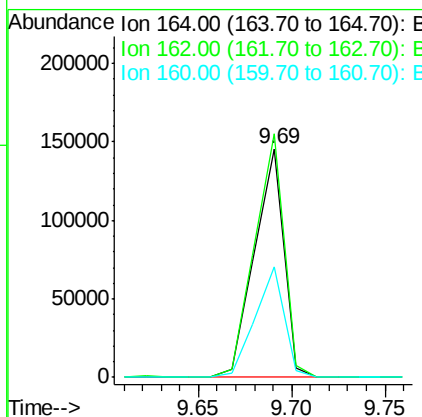
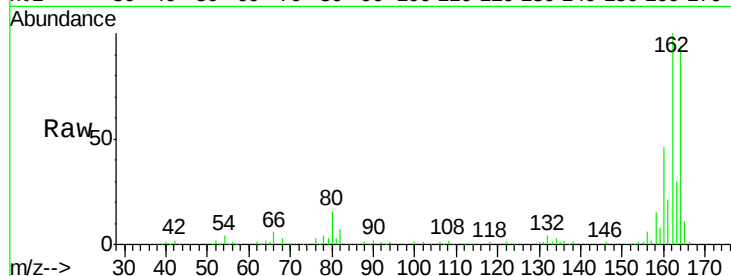
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.69 min Scan# 709  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 158188 |       |       |
| 162     | 106.5 | 85.4   | 128.2 |       |
| 160     | 48.5  | 39.5   | 59.3  |       |

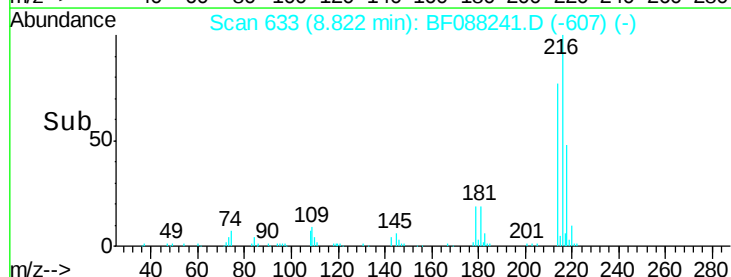
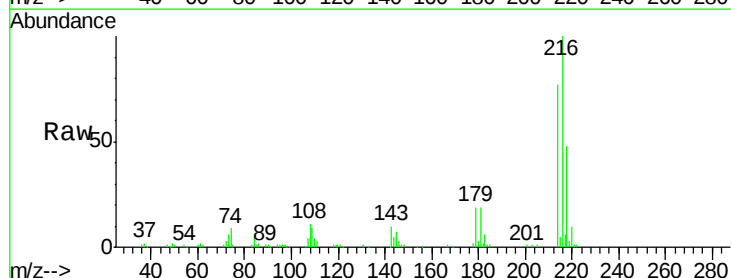
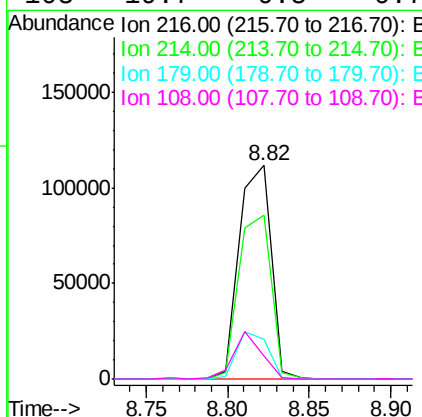
Manual Integrations  
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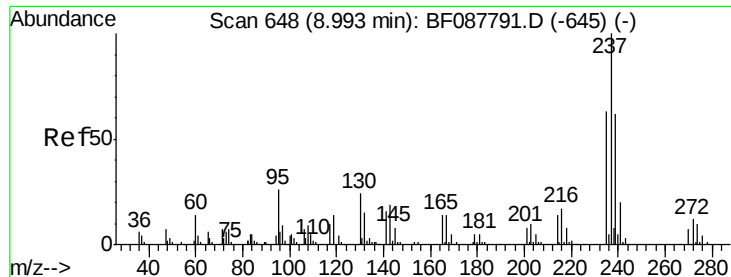
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 33.74 ng  
RT: 8.82 min Scan# 633  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 150921 |       |       |
| 214     | 78.0  | 2.9    | 4.3#  |       |
| 179     | 21.6  | 0.0    | 0.0#  |       |
| 108     | 19.7  | 0.5    | 0.7#  |       |





#40

Hexachlorocyclopentadiene

Concen: 20.36 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

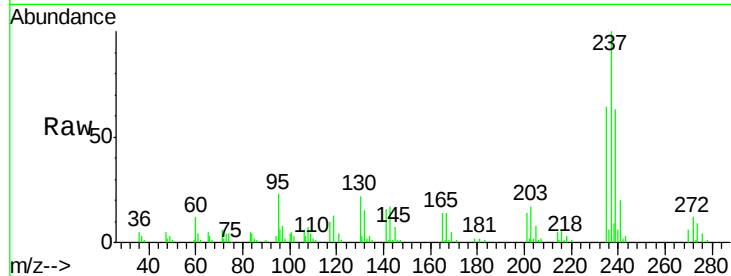
ClientSampleId :

EDD-3EMS

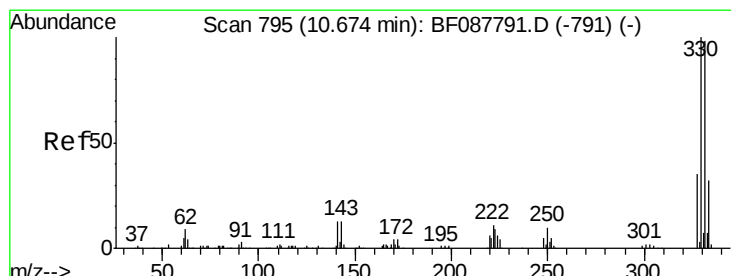
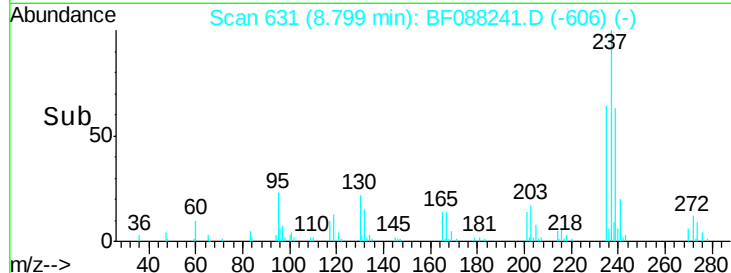
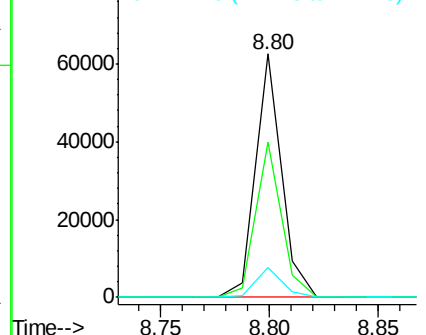
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 51939 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 64.0  | 43.4  | 83.4  |
| 272       | 12.3  | 0.0   | 32.3  |

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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: 76.15 ng

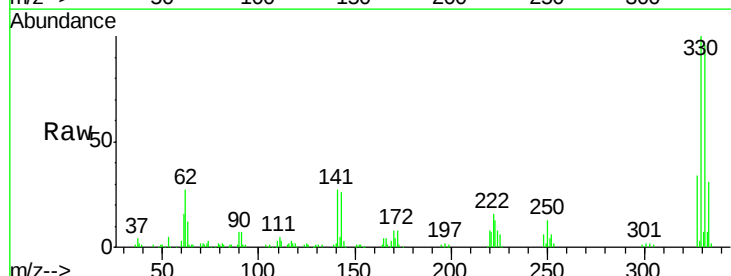
RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

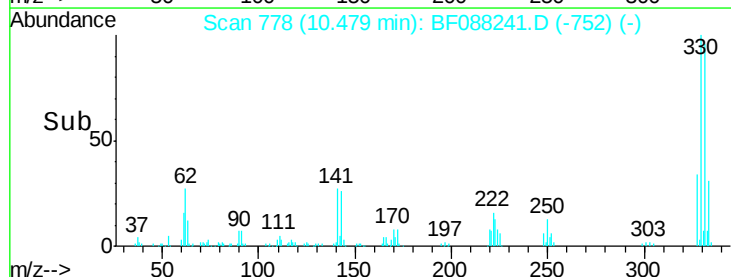
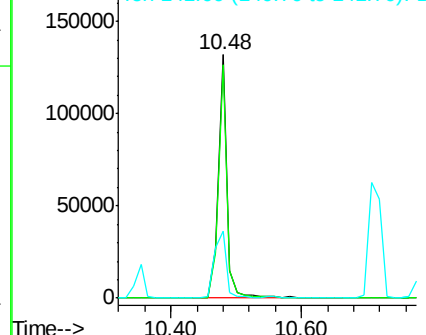
Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 127199 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.8  | 0.0   | 0.0#   |
| 141       | 37.4  | 0.0   | 0.0#   |



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





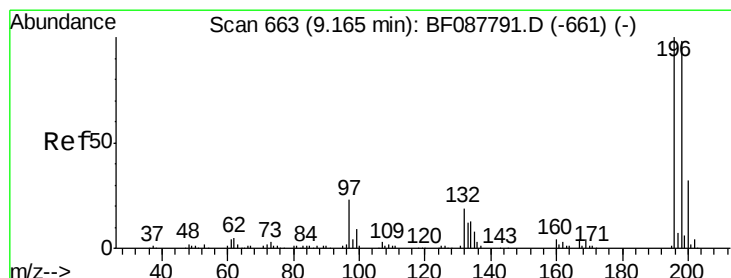
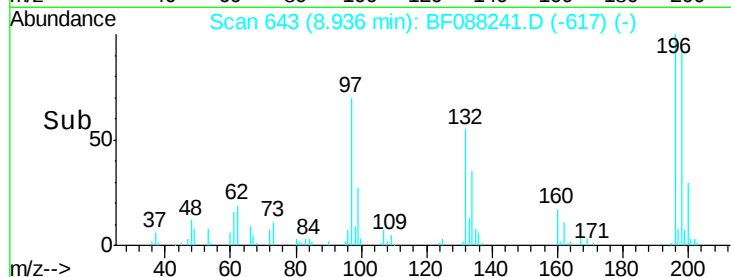
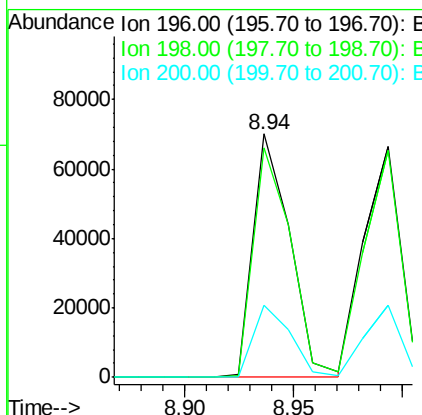
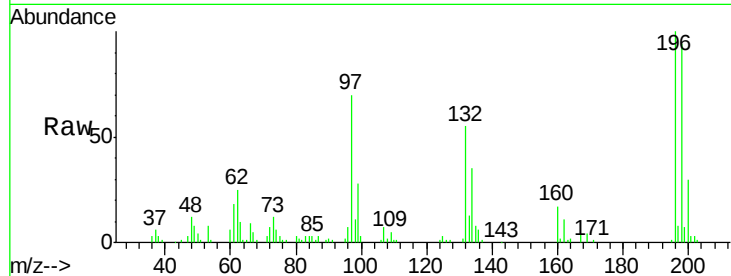
#42  
 2,4,6-Trichlorophenol  
 Concen: 26.16 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 82740 |       |       |
| 198     | 94.2  | 78.0  | 117.0 |       |
| 200     | 29.7  | 25.4  | 38.2  |       |

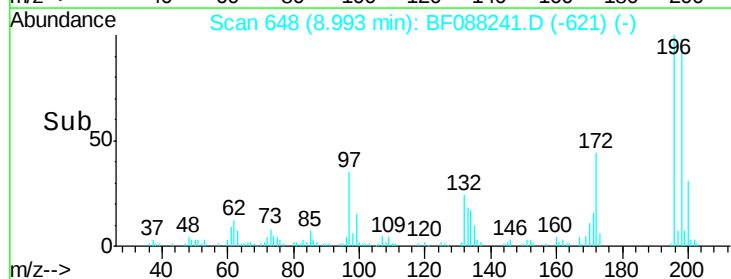
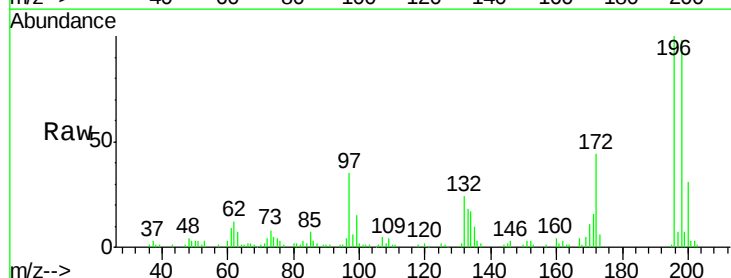
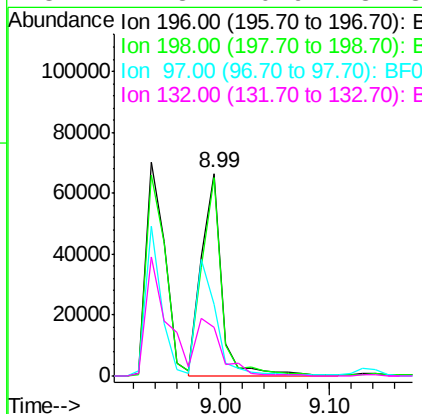
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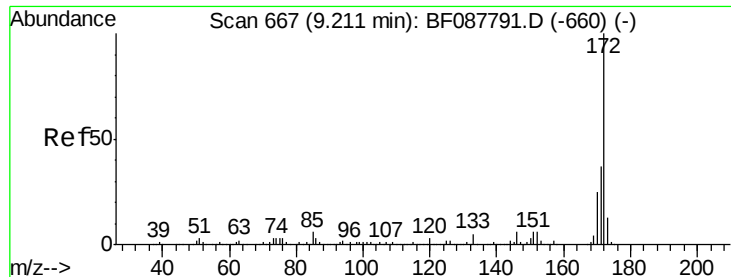
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#43  
 2,4,5-Trichlorophenol  
 Concen: 26.50 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. 0.01 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 87218 |       |       |
| 198     | 98.2  | 77.5  | 116.3 |       |
| 97      | 35.4  | 32.0  | 48.0  |       |
| 132     | 24.3  | 20.9  | 31.3  |       |





#44

2-Fluorobiphenyl

Concen: 65.54 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

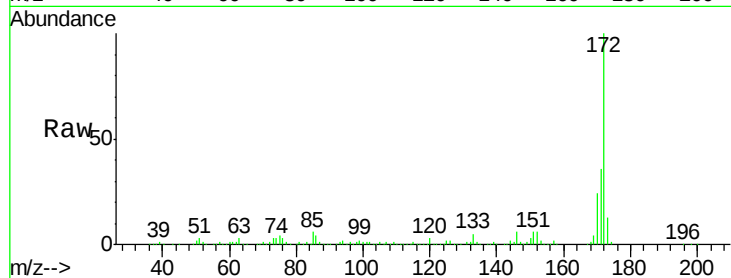
ClientSampleId :

EDD-3EMS

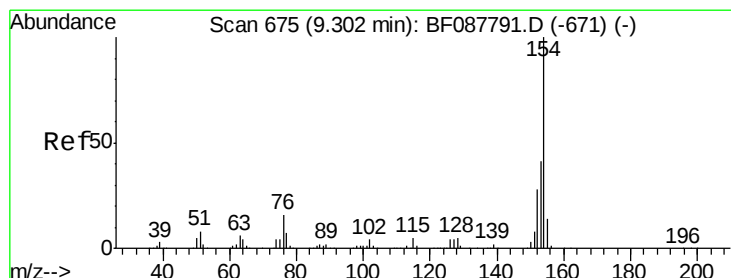
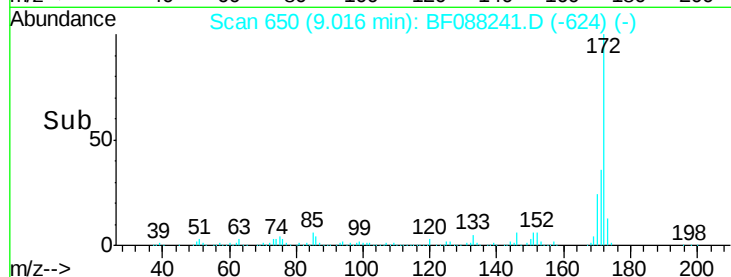
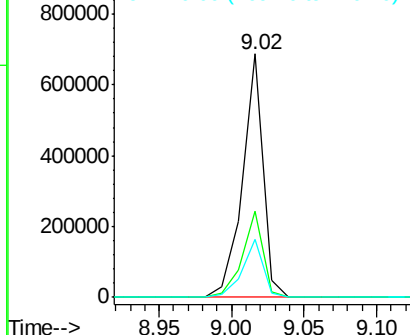
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 672689 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.6  | 28.6  | 43.0   |
| 170       | 23.8  | 19.2  | 28.8   |

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Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 35.93 ng

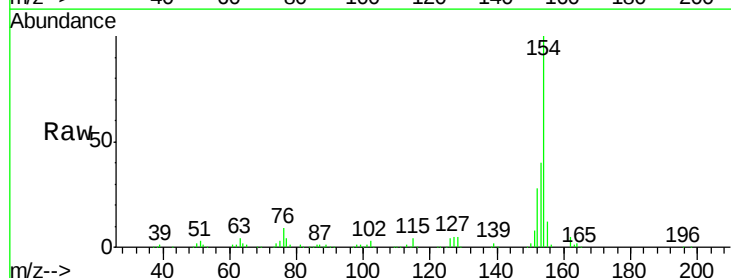
RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

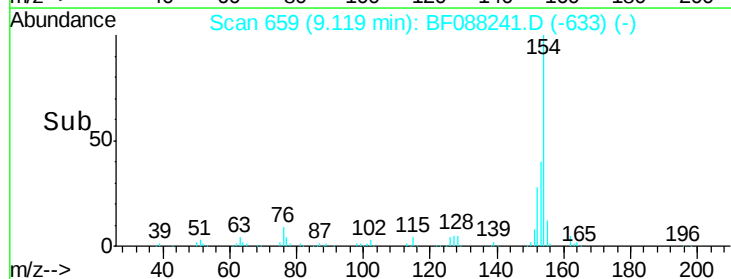
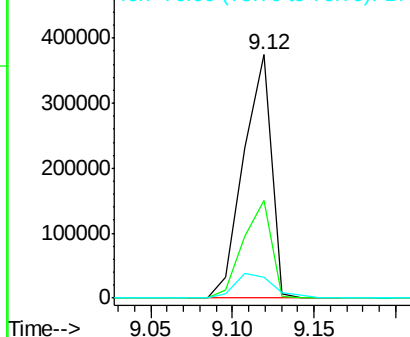
Lab File: BF088241.D

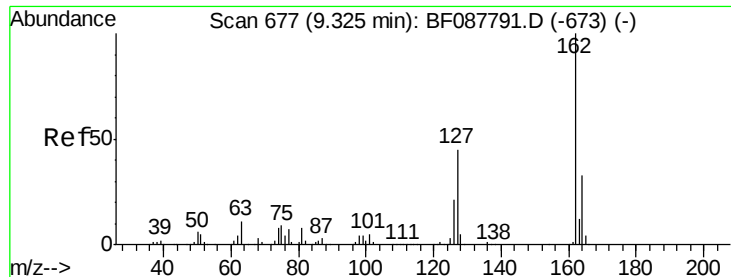
Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 441440 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.0  | 20.6  | 60.6   |
| 76        | 8.8   | 0.0   | 35.1   |



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





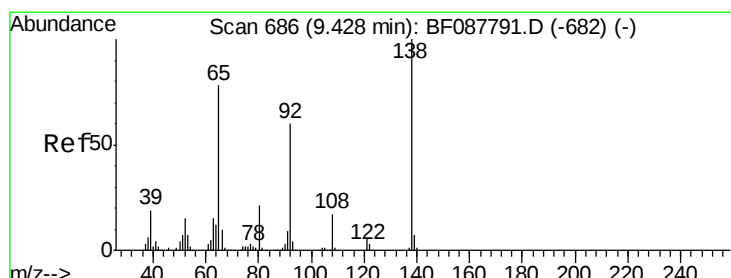
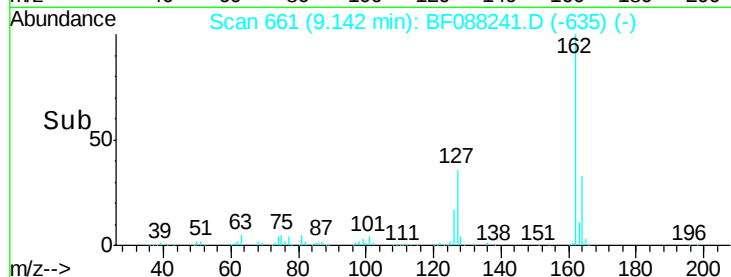
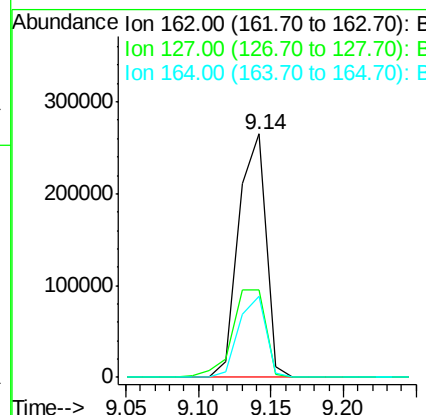
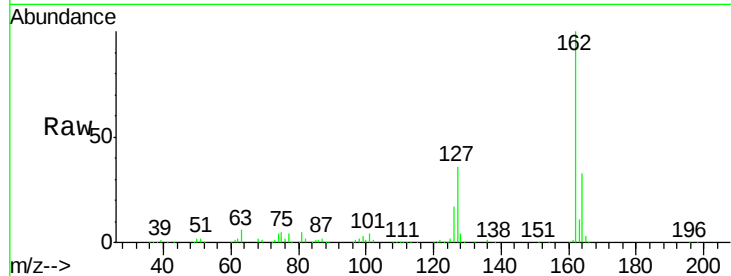
#46  
2-Chloronaphthalene  
Concen: 33.96 ng  
RT: 9.14 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 35.7  | 35.2       | 52.8  |
| 164     | 33.4  | 26.6       | 39.8  |

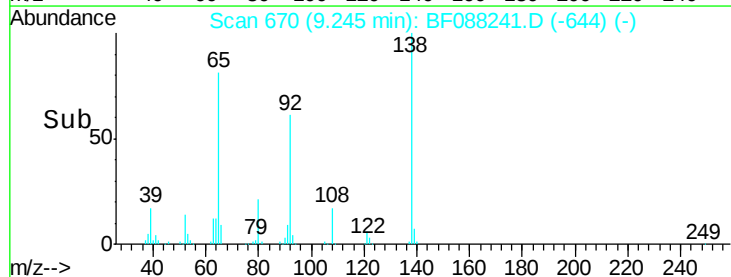
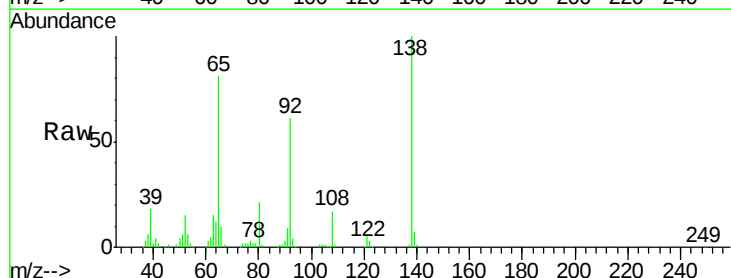
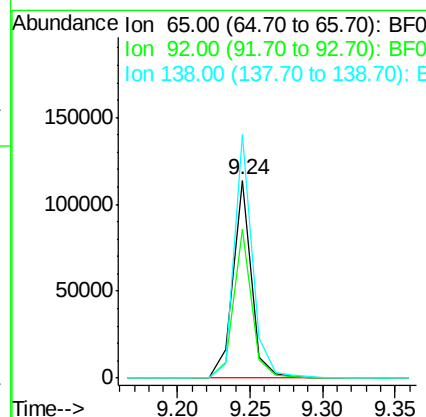
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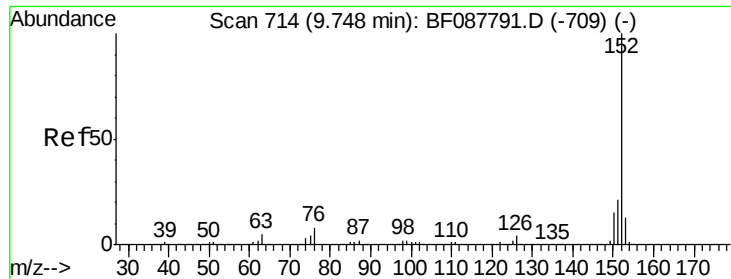
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#47  
2-Nitroaniline  
Concen: 33.31 ng  
RT: 9.24 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 75.4  | 54.6       | 82.0  |
| 138     | 123.1 | 77.0       | 115.4 |





#48

Acenaphthylene

Concen: 32.73 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

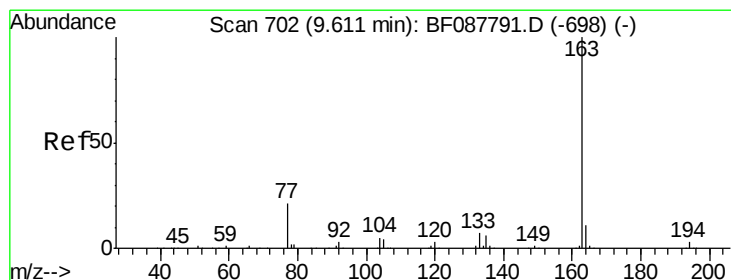
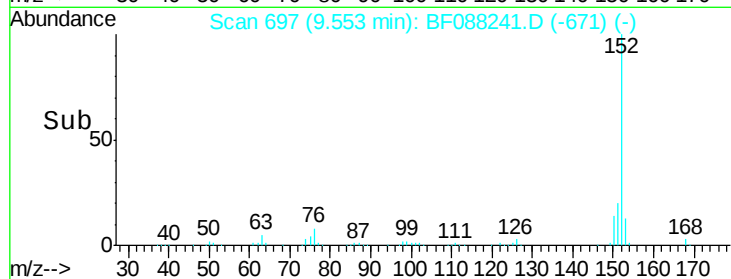
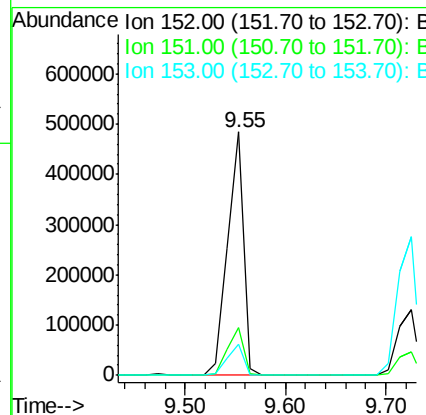
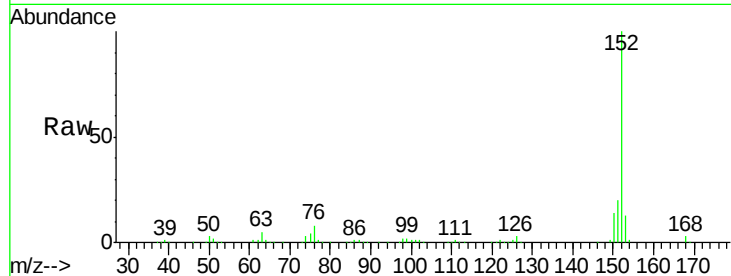
ClientSampleId :

EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 532933 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 16.2  | 24.4   |
| 153       | 12.9  | 11.0  | 16.6   |

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#49

Dimethylphthalate

Concen: 58.00 ng

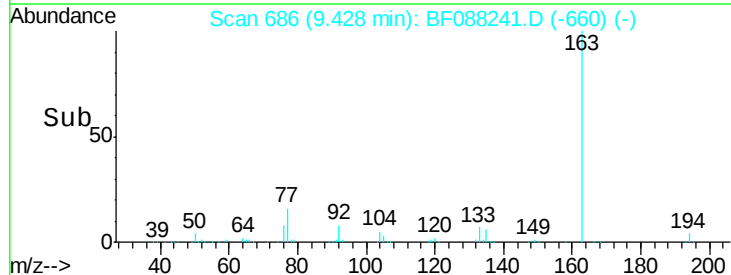
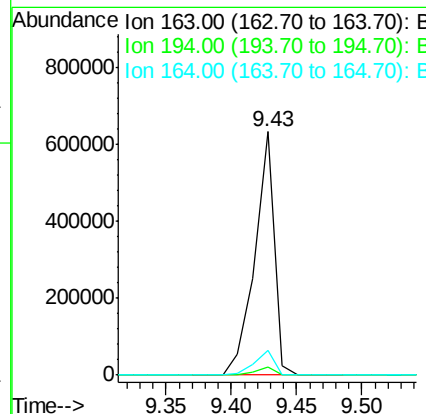
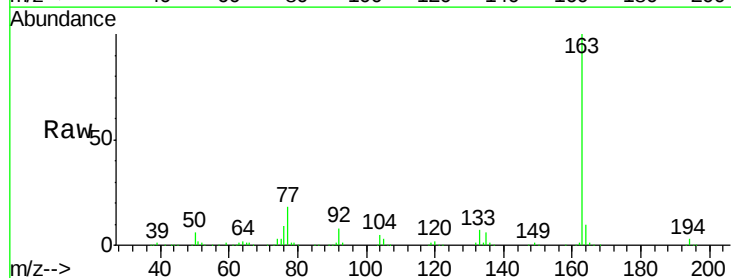
RT: 9.43 min Scan# 686

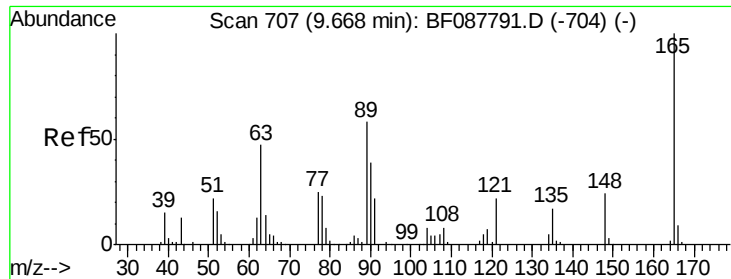
Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 664592 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.8   | 4.2    |
| 164       | 10.3  | 8.3   | 12.5   |





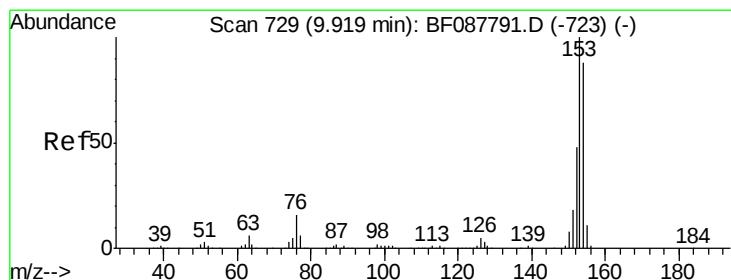
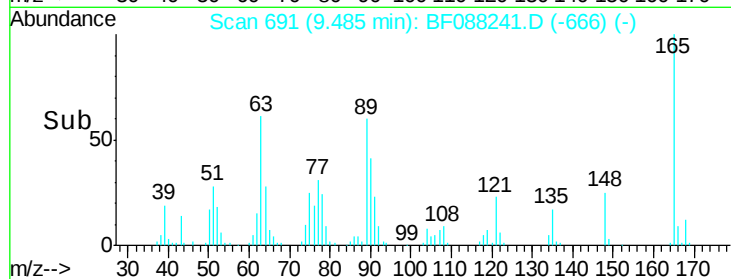
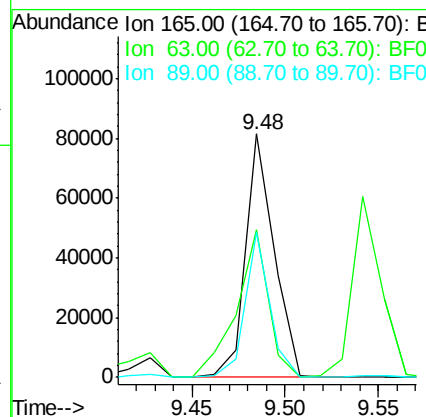
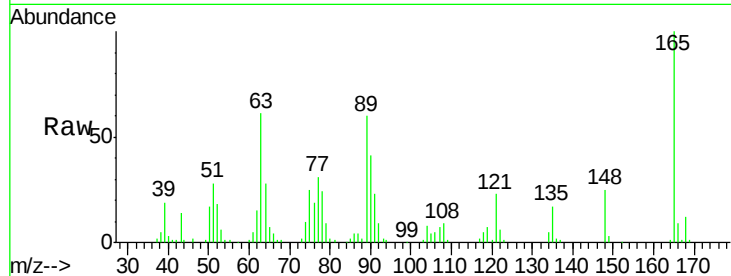
#50  
2,6-Dinitrotoluene  
Concen: 32.96 ng  
RT: 9.48 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 60.8  | 28.1       | 42.1# |
| 89      | 59.8  | 32.2       | 48.2# |

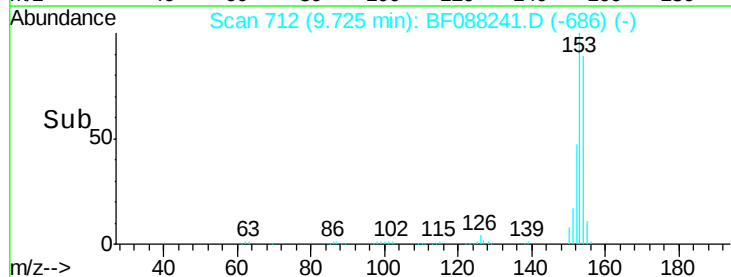
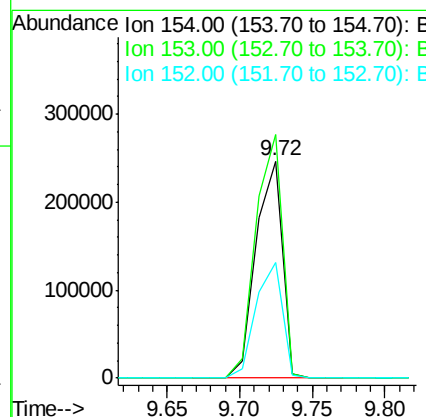
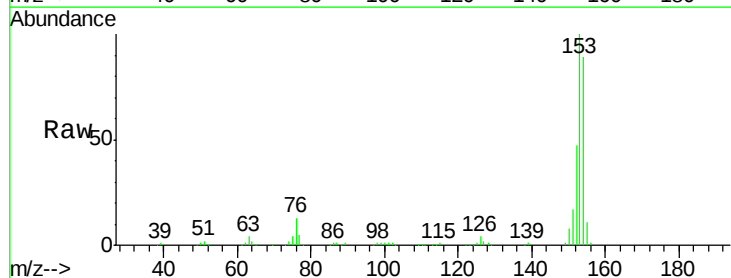
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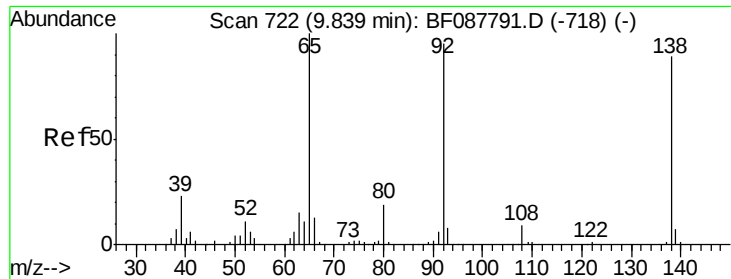
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#51  
Acenaphthene  
Concen: 30.79 ng  
RT: 9.72 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 112.0 | 89.5       | 134.3 |
| 152     | 53.0  | 42.7       | 64.1  |





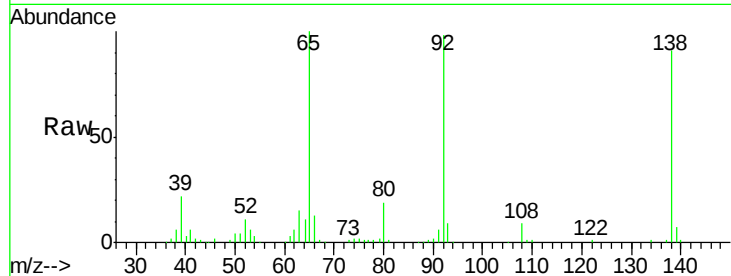
#52  
3-Nitroaniline  
Concen: 24.06 ng  
RT: 9.66 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

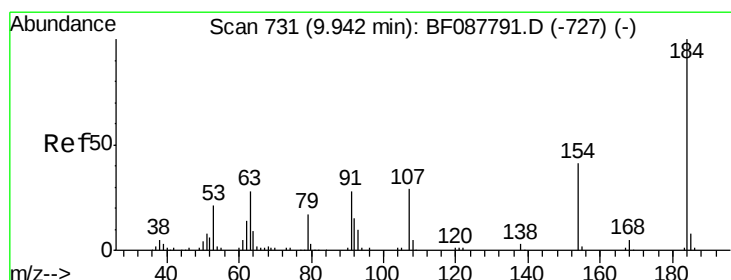
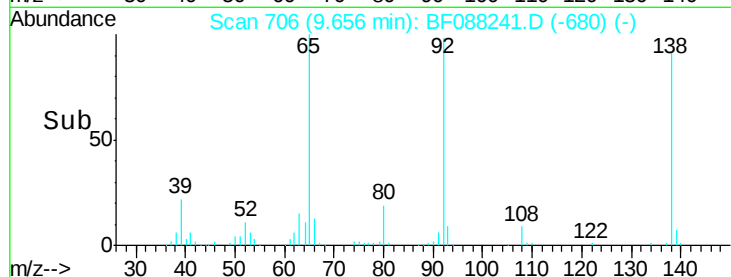
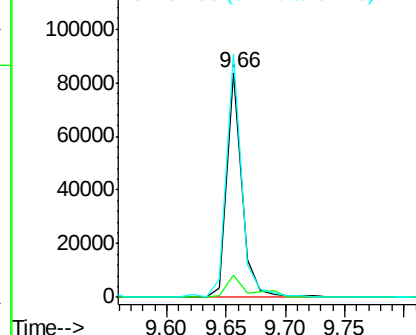
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 8.5   | 12.7  |
| 92      | 108.5 | 95.7  | 143.5 |

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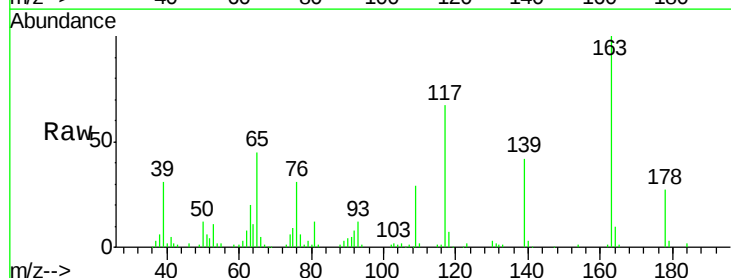


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

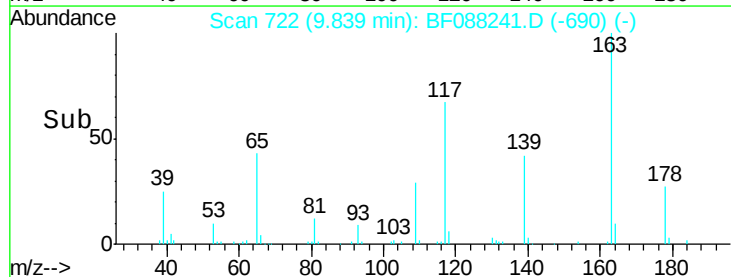
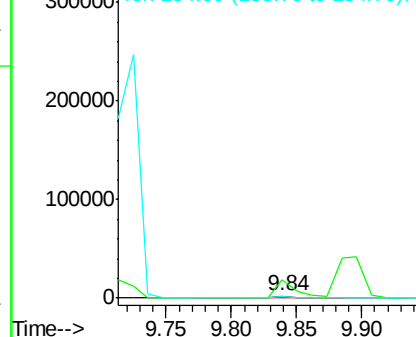


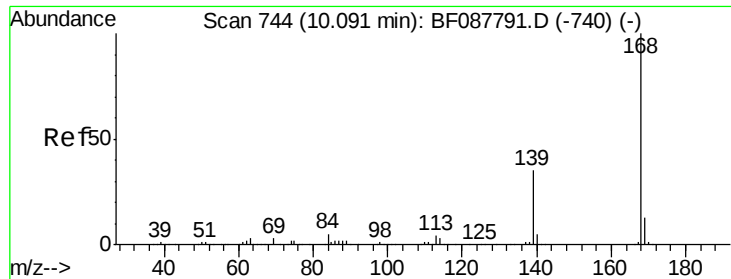
#53  
2,4-Dinitrophenol  
Concen: 6.07 ng  
RT: 9.84 min Scan# 722  
Delta R.T. 0.07 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio  | Lower | Upper |
|---------|--------|-------|-------|
| 184     | 100    |       |       |
| 63      | 1035.6 | 57.6  | 86.4# |
| 154     | 71.9   | 53.5  | 80.3  |



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





#54

Dibenzofuran

Concen: 32.66 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

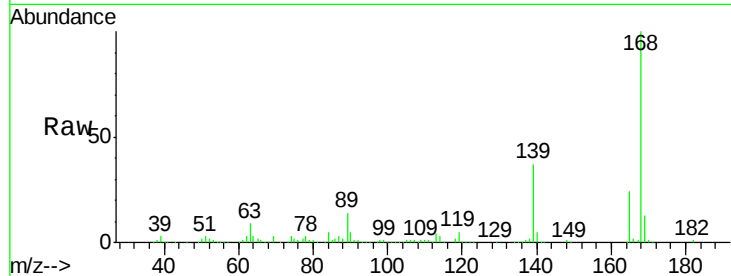
ClientSampleId :

EDD-3EMS

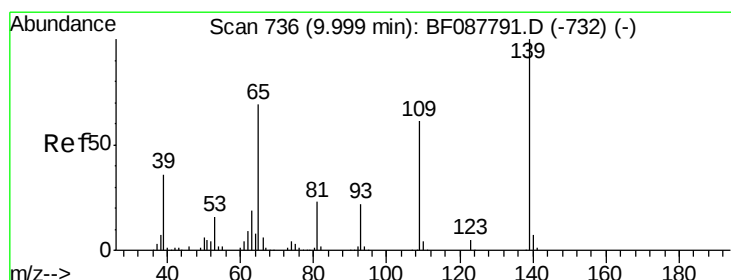
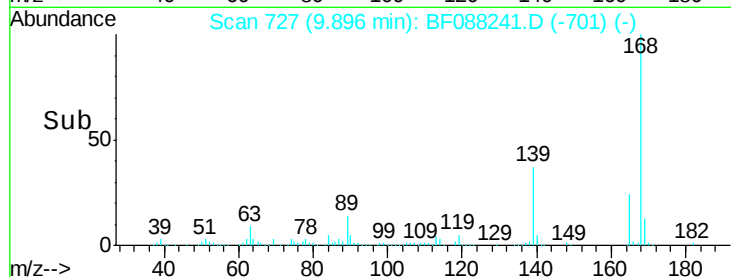
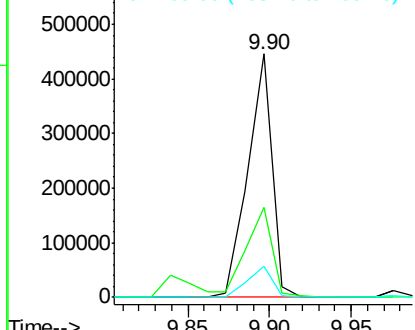
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 456804 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 36.7  | 26.4  | 39.6   |
| 169       | 13.0  | 10.4  | 15.6   |

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



#55

4-Nitrophenol

Concen: 25.14 ng

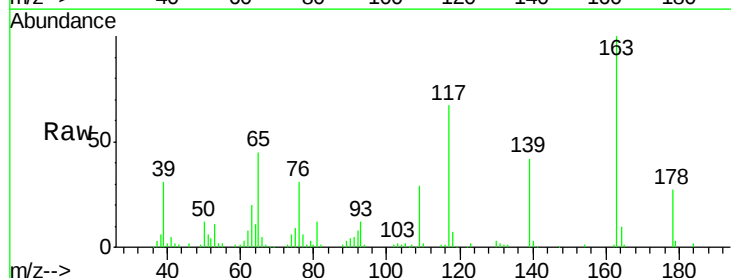
RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

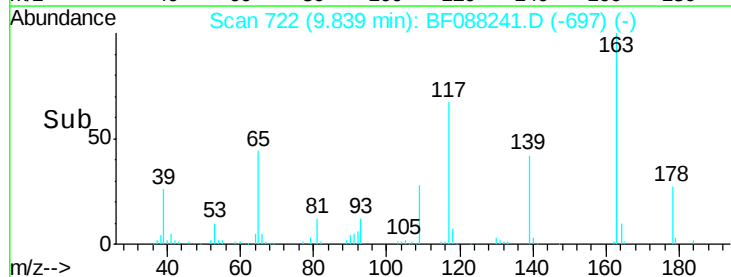
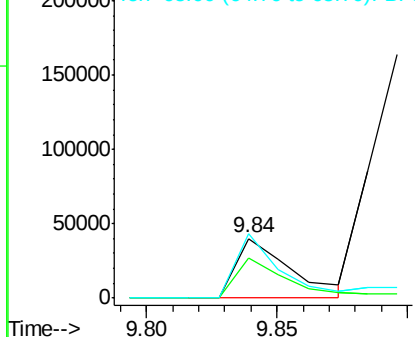
Lab File: BF088241.D

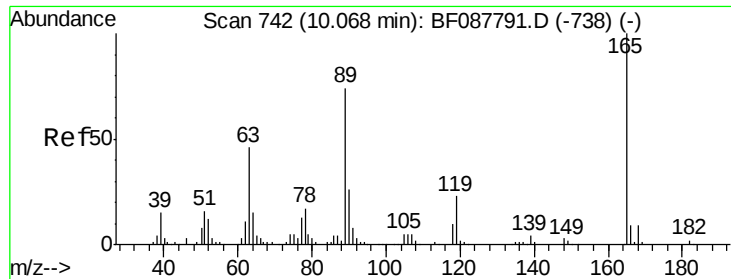
Acq: 22 Jun 2016 5:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 59093 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 67.5  | 48.9  | 88.9  |
| 65        | 106.8 | 84.9  | 124.9 |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 32.24 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

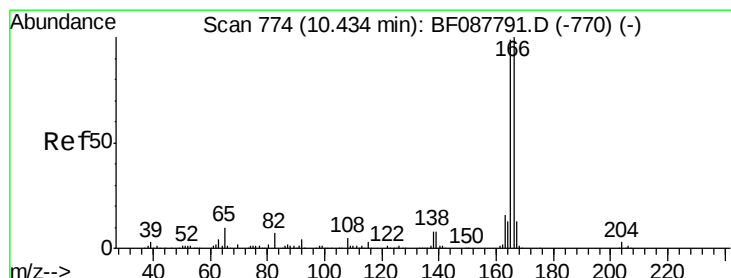
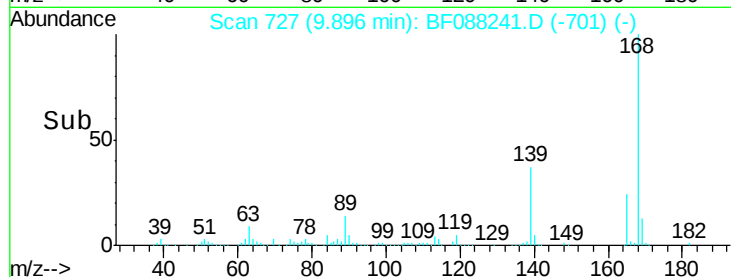
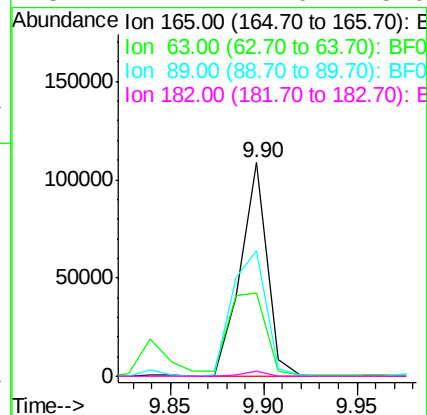
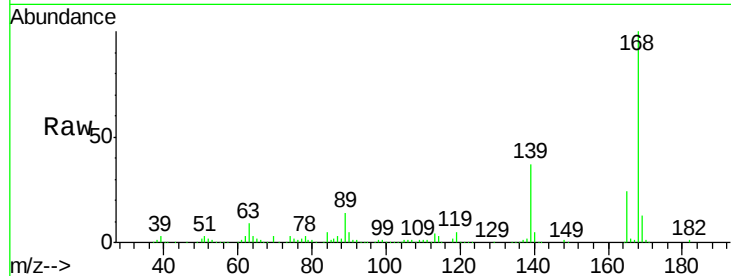
ClientSampleId :

EDD-3EMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 108717 |       |       |
| 63      | 38.9 | 22.0  | 33.0#  |       |       |
| 89      | 59.0 | 41.1  | 61.7   |       |       |
| 182     | 2.4  | 2.0   | 3.0    |       |       |

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#57

Fluorene

Concen: 37.11 ng

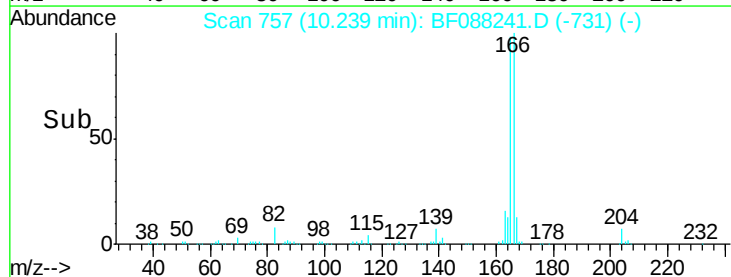
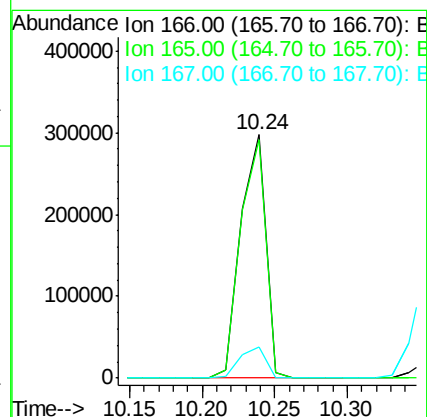
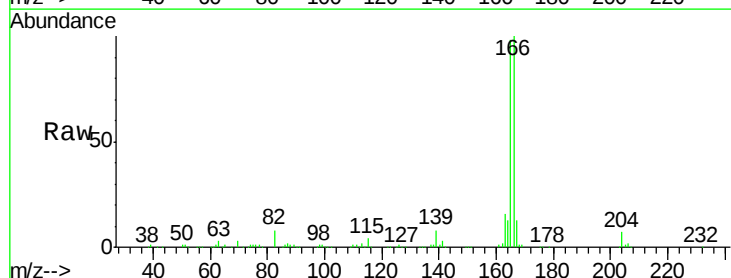
RT: 10.24 min Scan# 757

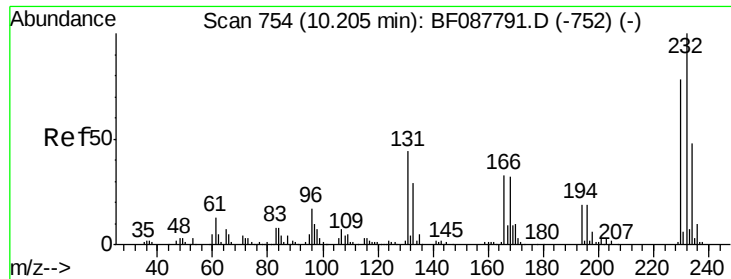
Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 358835 |       |       |
| 165     | 98.1 | 77.8  | 116.8  |       |       |
| 167     | 13.0 | 11.2  | 16.8   |       |       |





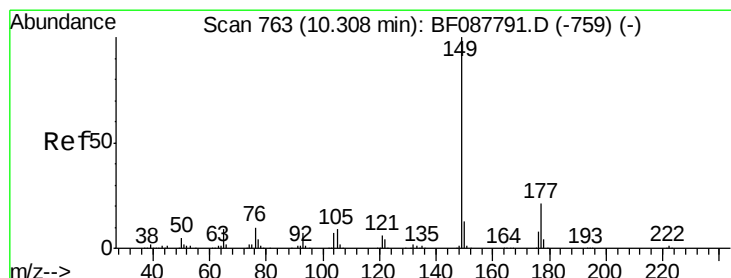
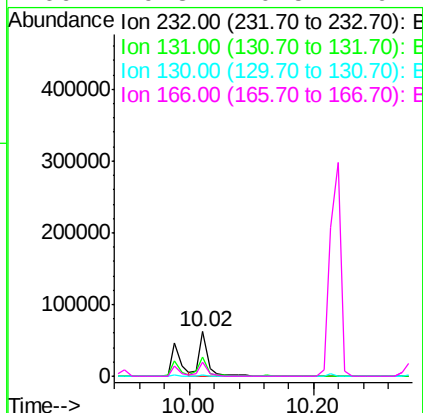
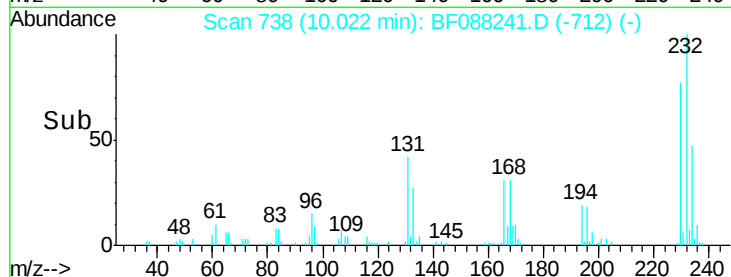
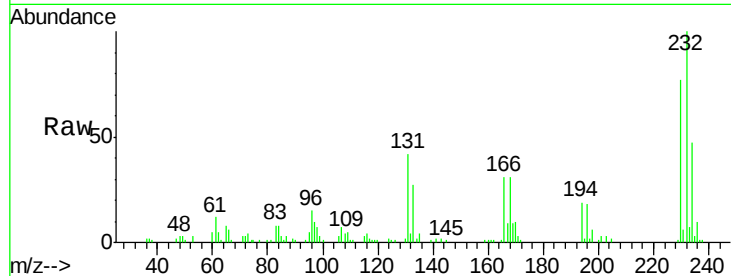
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 24.84 ng  
 RT: 10.02 min Scan# 738  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.7  | 0.9   | 1.3#  |
| 130     | 1.9   | 1.5   | 2.3   |
| 166     | 29.3  | 0.5   | 0.7#  |

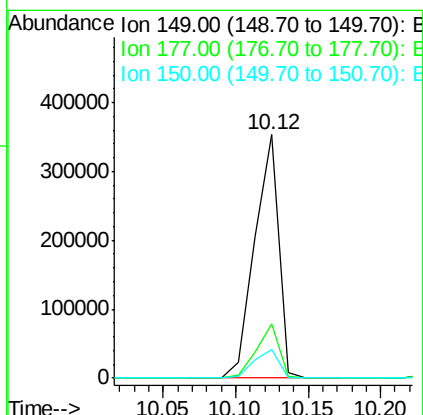
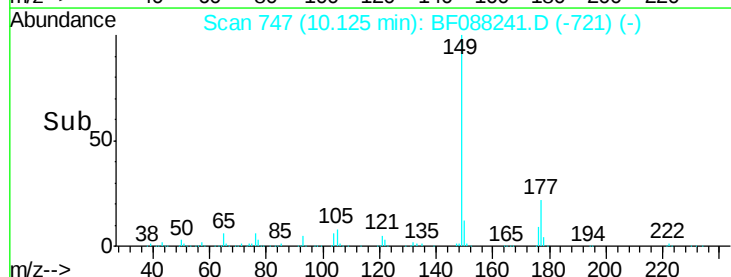
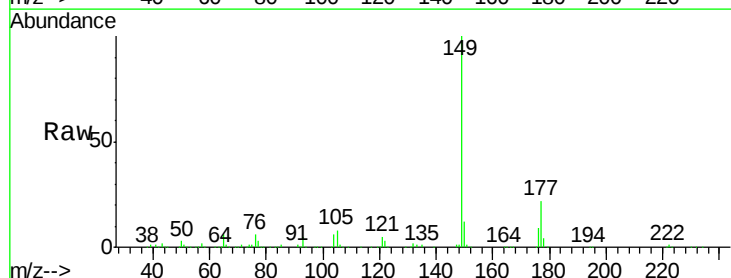
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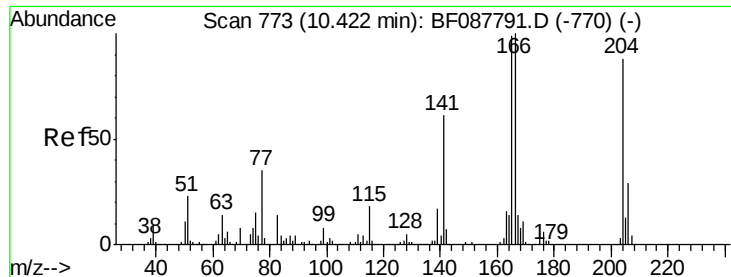
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#59  
 Diethylphthalate  
 Concen: 34.99 ng  
 RT: 10.12 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 16.9  | 25.3  |
| 150     | 12.0  | 10.1  | 15.1  |





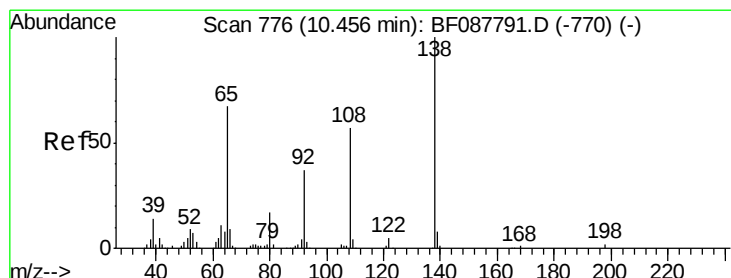
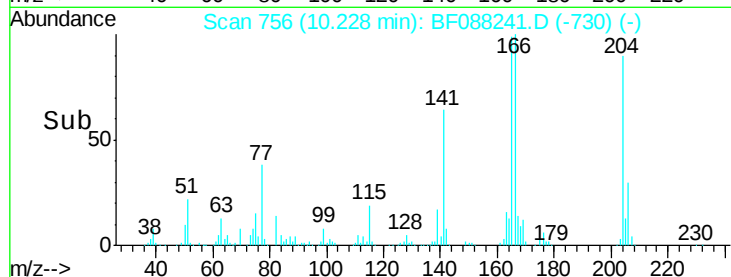
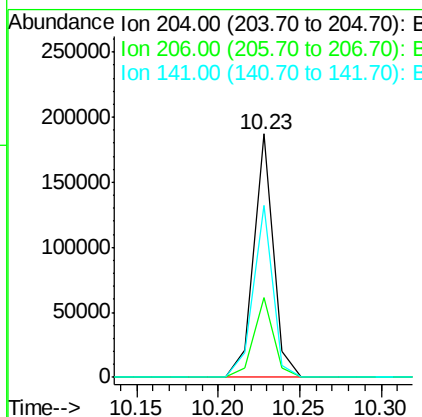
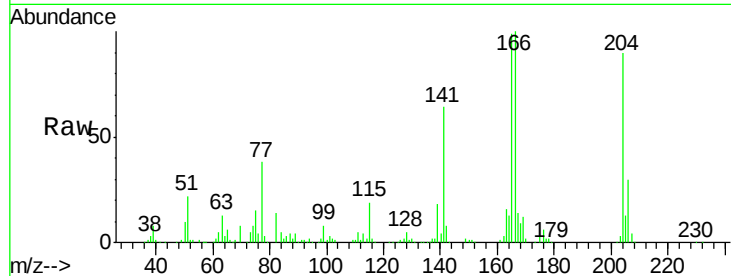
#60  
 4-Chlorophenyl-phenylether  
 Concen: 33.74 ng  
 RT: 10.23 min Scan# 756  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 156955 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.8  | 26.3  | 39.5   |
| 141       | 70.9  | 55.0  | 82.6   |

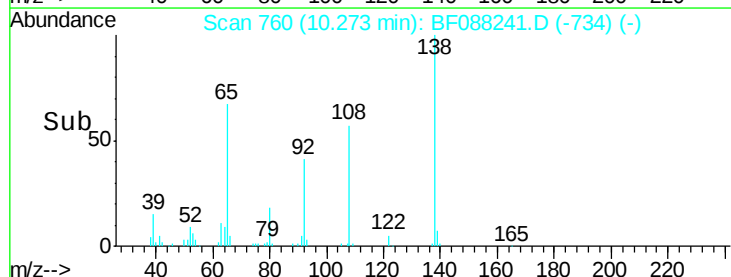
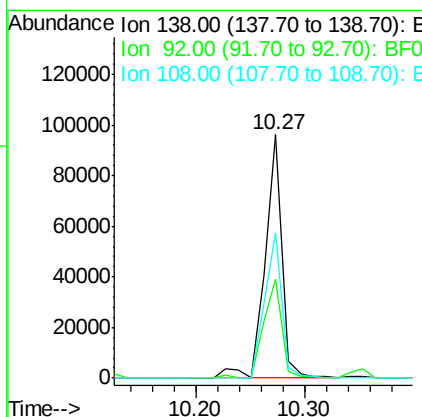
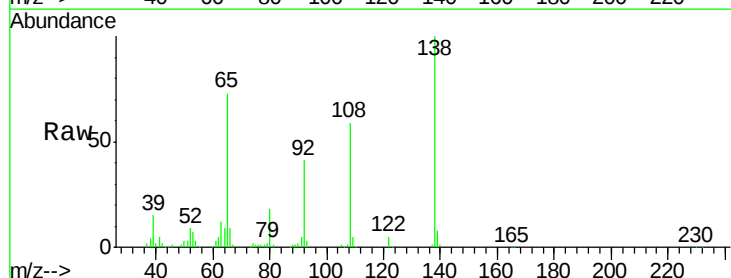
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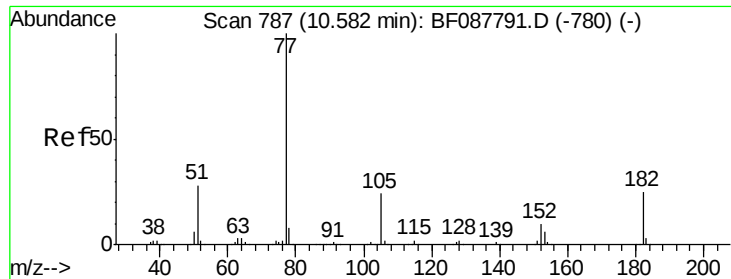
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#61  
 4-Nitroaniline  
 Concen: 36.65 ng  
 RT: 10.27 min Scan# 760  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 105257 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 40.6  | 27.3  | 67.3   |
| 108       | 59.5  | 46.7  | 86.7   |





#62

Azobenzene

Concen: 33.88 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

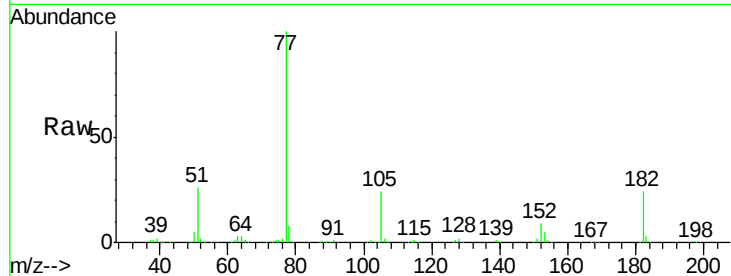
ClientSampleId :

EDD-3EMS

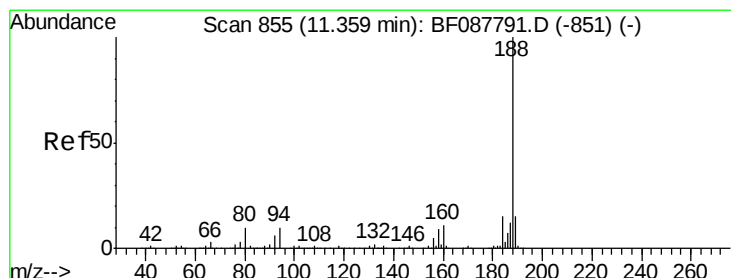
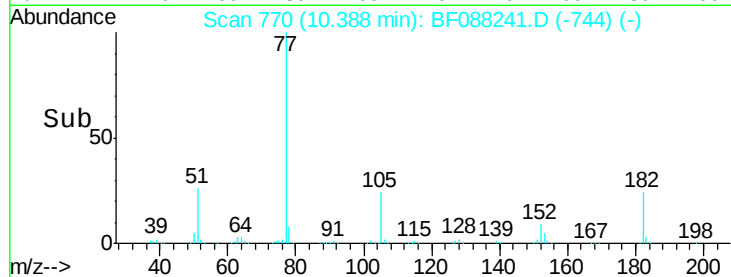
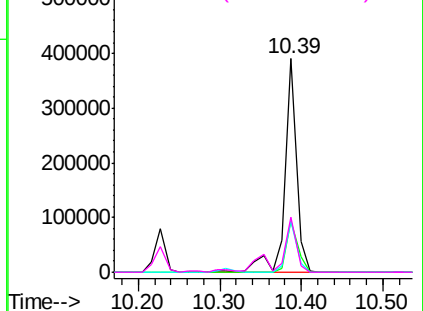
| Tot Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 77      | 100  |       |            |       |
| 182     | 24.0 | 4.4   | 44.4       |       |
| 105     | 24.0 | 3.8   | 43.8       |       |
| 51      | 25.9 | 9.3   | 49.3       |       |

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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: 11.16 min Scan# 838

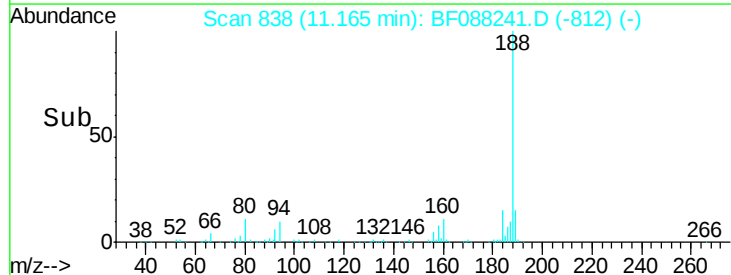
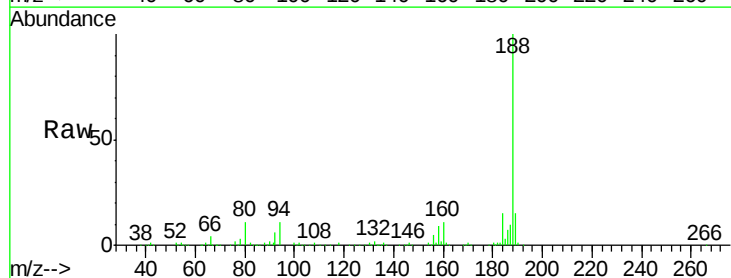
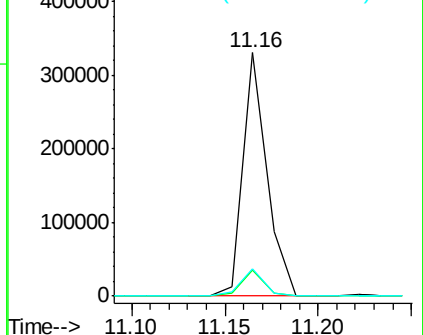
Delta R.T. 0.00 min

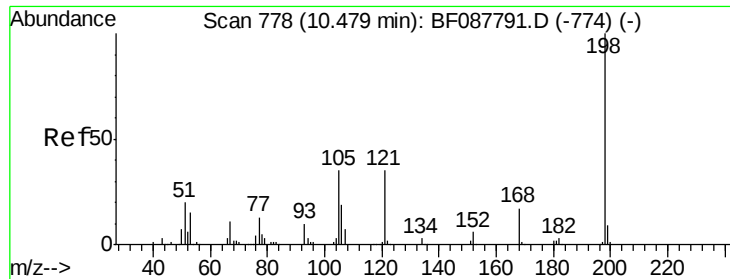
Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

| Tgt Ion | Ion  | Ratio | Resp Lower | Upper |
|---------|------|-------|------------|-------|
| 188     | 100  |       |            |       |
| 94      | 10.9 | 9.0   | 13.6       |       |
| 80      | 11.0 | 10.0  | 15.0       |       |

Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 11.70 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

ClientSampleId :

EDD-3EMS

Tot Ion:198 Resp: 18456

Ion Ratio Lower Upper

198 100

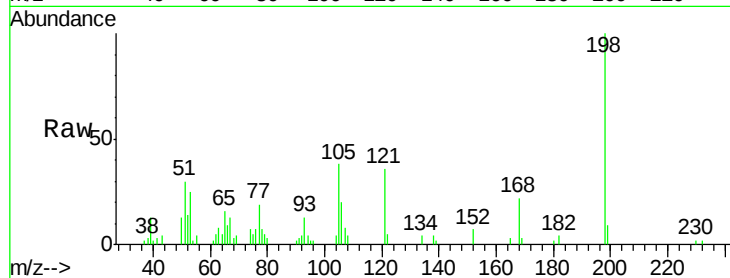
51 30.4 39.6 79.6#

105 38.0 36.6 76.6

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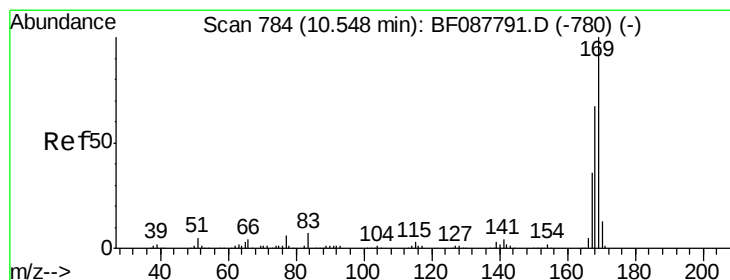
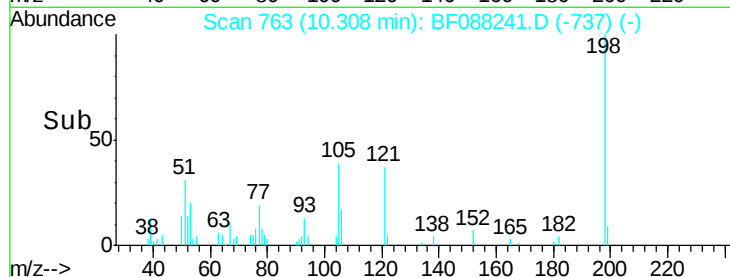
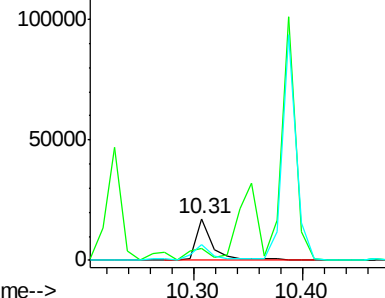
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.92 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

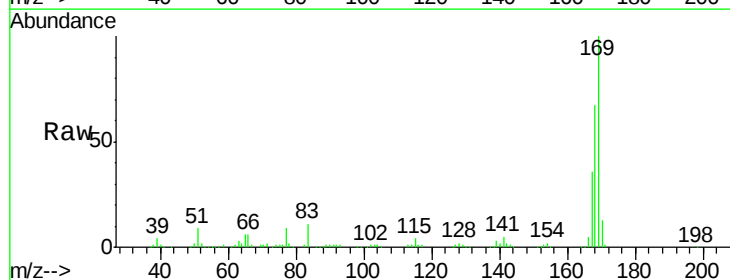
Tgt Ion:169 Resp: 342939

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

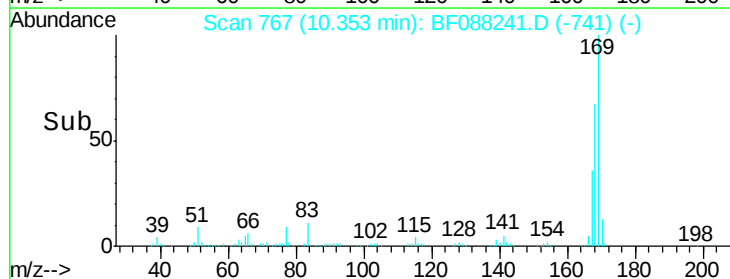
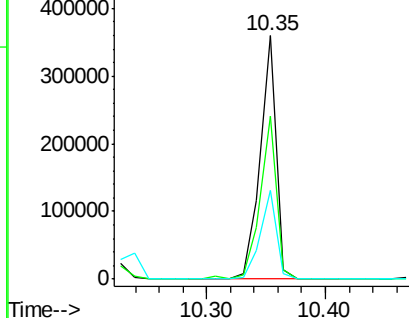
167 36.4 29.4 44.0



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





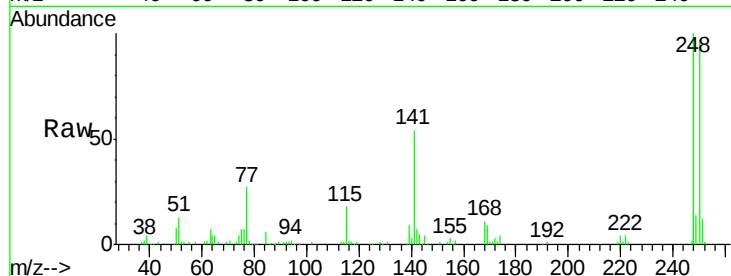
#66  
4-Bromophenyl-phenylether  
Concen: 32.12 ng  
RT: 10.72 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampled :  
EDD-3EMS

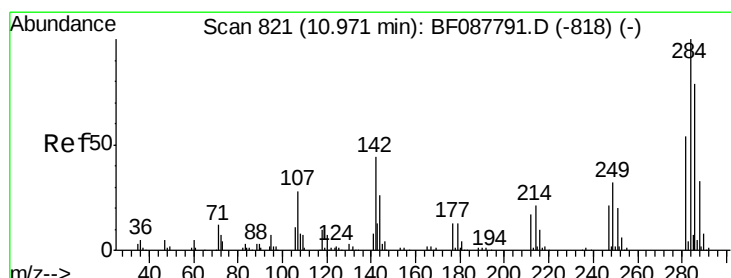
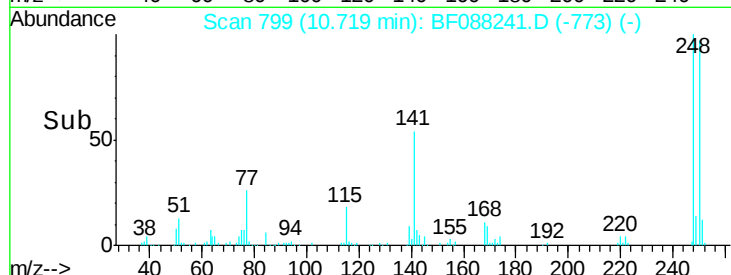
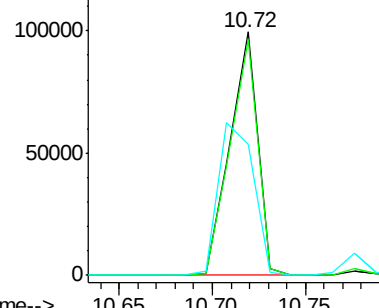
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 77.1  | 115.7 |
| 141     | 54.1  | 50.6  | 76.0  |

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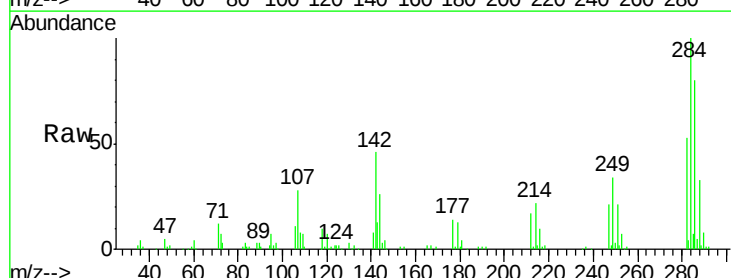


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

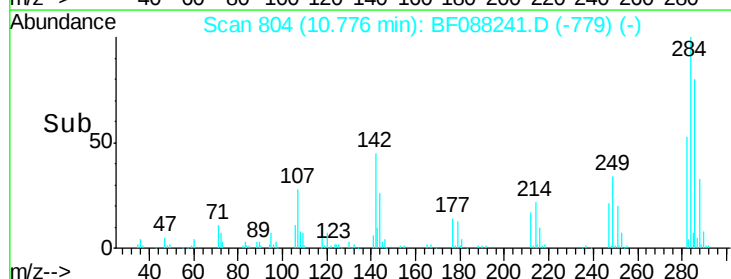
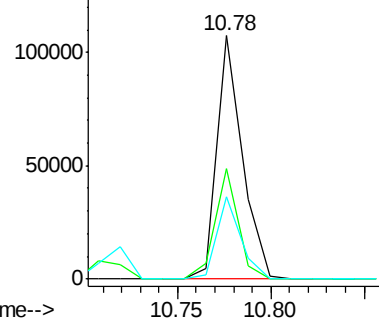


#67  
Hexachlorobenzene  
Concen: 30.93 ng  
RT: 10.78 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 45.5  | 35.8  | 53.8  |
| 249     | 33.9  | 25.8  | 38.6  |



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: 29.48 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

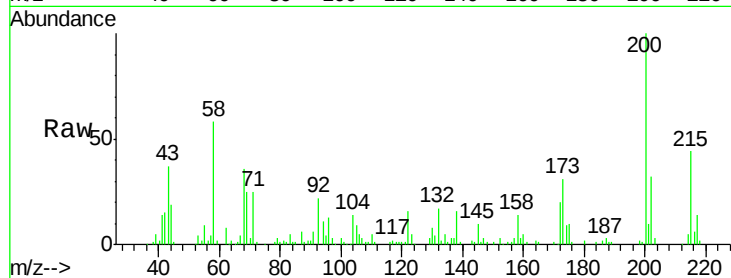
ClientSampleId :

EDD-3EMS

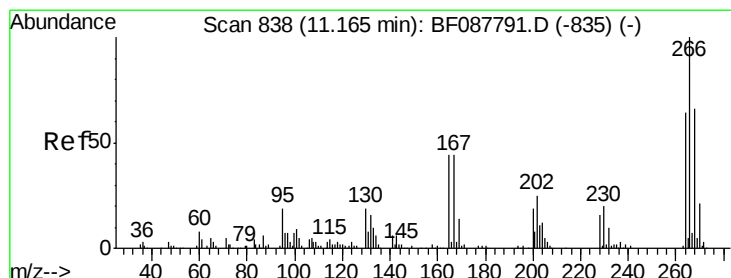
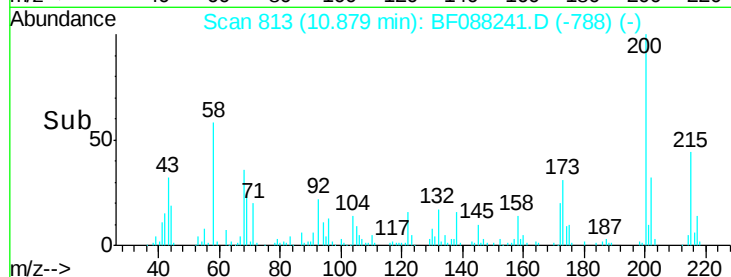
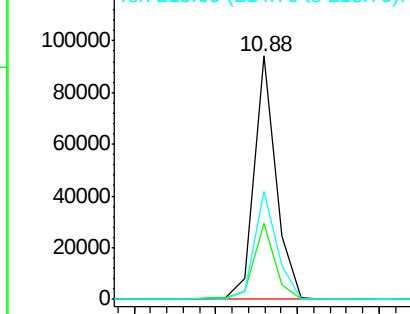
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 200   | Resp: | 87658 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 31.2  | 4.0   | 44.0  |
| 215       | 44.4  | 29.3  | 69.3  |

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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: 25.73 ng

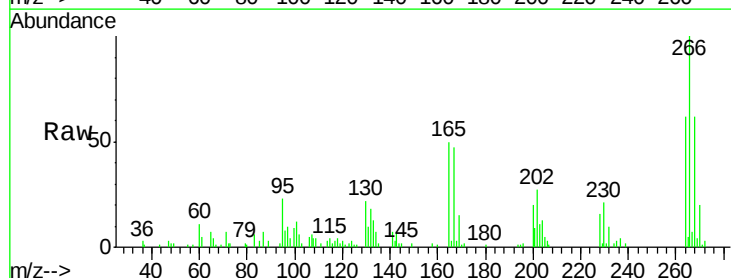
RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

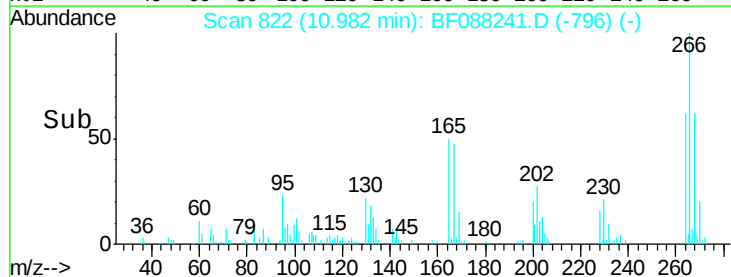
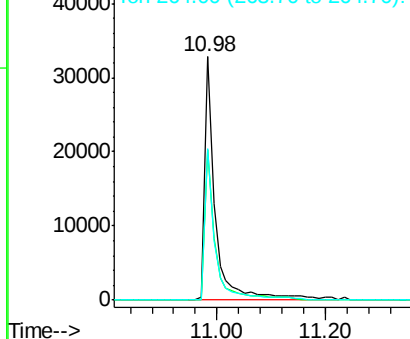
Lab File: BF088241.D

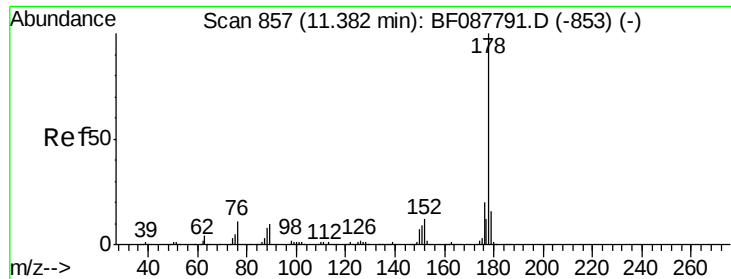
Acq: 22 Jun 2016 5:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 44748 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 61.5  | 52.8  | 79.2  |
| 264       | 62.3  | 49.6  | 74.4  |



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





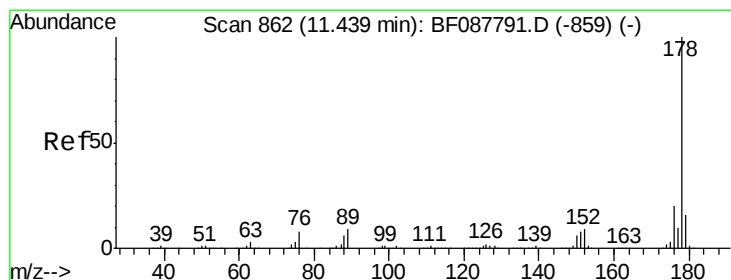
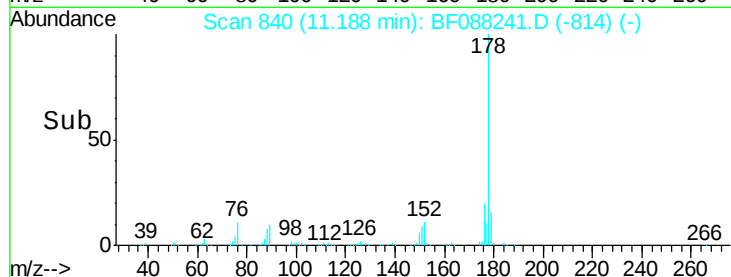
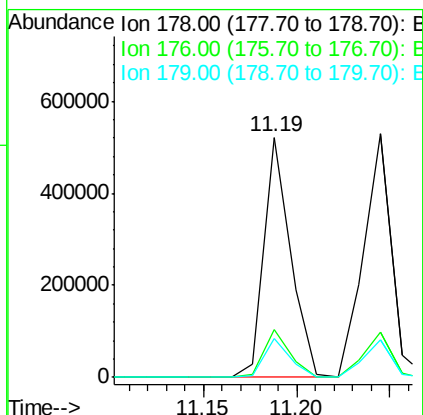
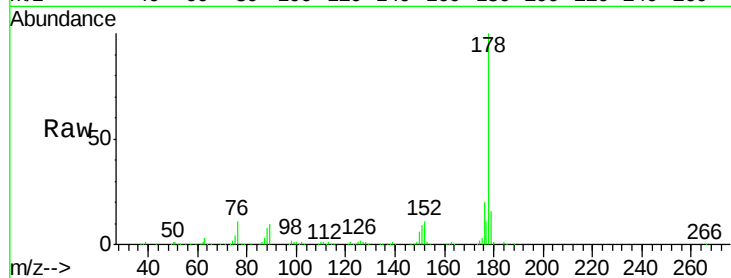
#70  
Phenanthrene  
Concen: 33.09 ng  
RT: 11.19 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.8  | 23.6  |
| 179     | 16.0  | 13.0  | 19.4  |

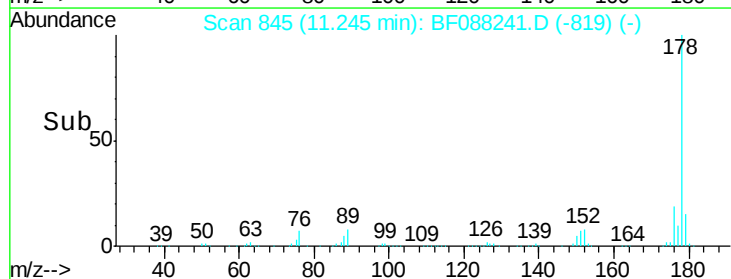
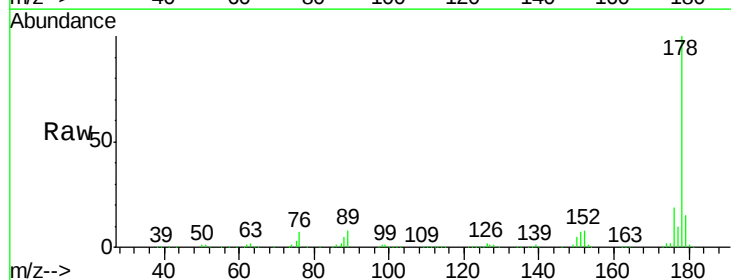
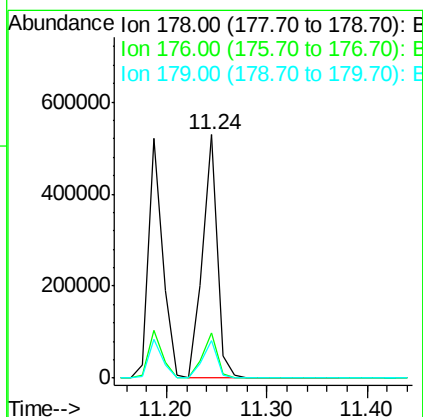
Manual Integrations  
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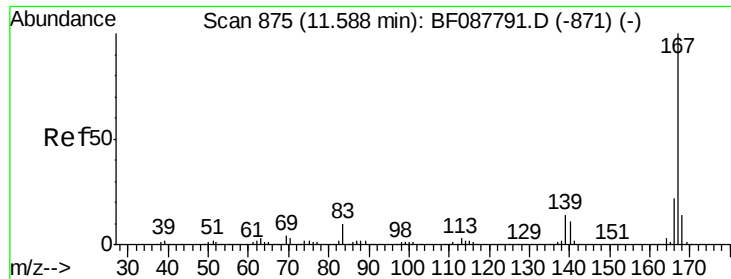
sohil  
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#71  
Anthracene  
Concen: 34.63 ng  
RT: 11.24 min Scan# 845  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.6  | 23.4  |
| 179     | 15.3  | 12.8  | 19.2  |





#72

Carbazole

Concen: 35.48 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

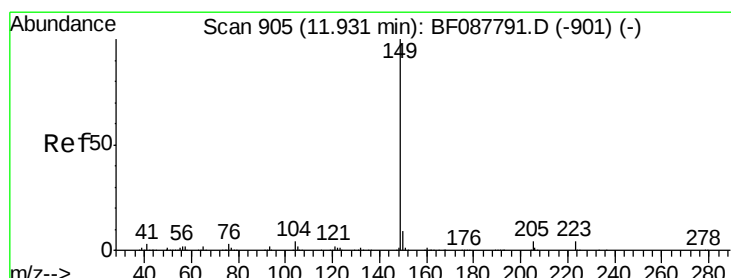
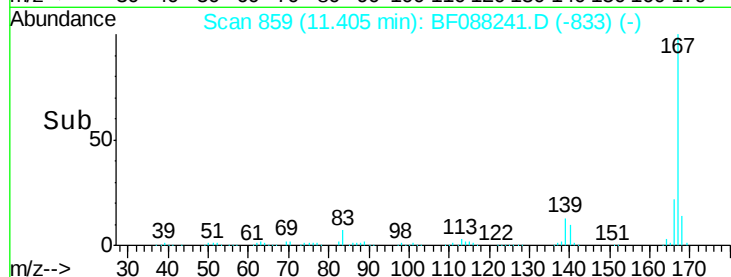
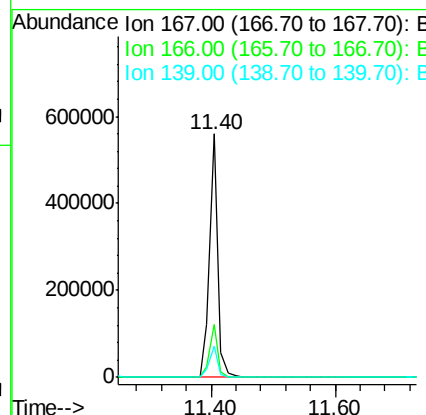
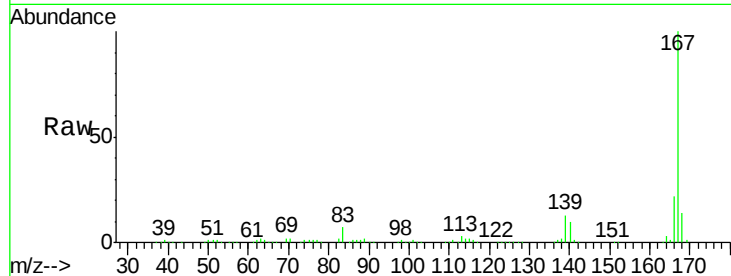
ClientSampleId :

EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 520179 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.7  | 17.8  | 26.6   |
| 139       | 12.9  | 11.2  | 16.8   |

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#73

Di-n-butylphthalate

Concen: 32.94 ng

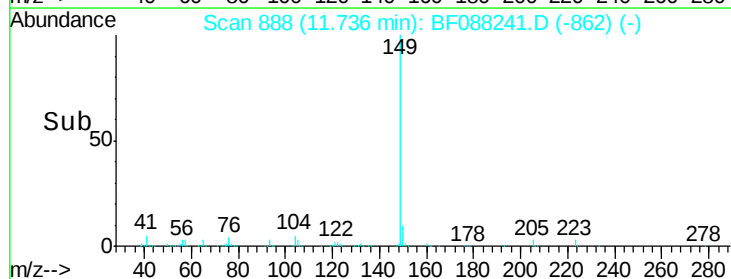
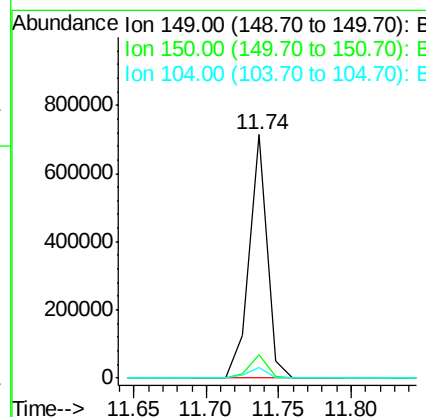
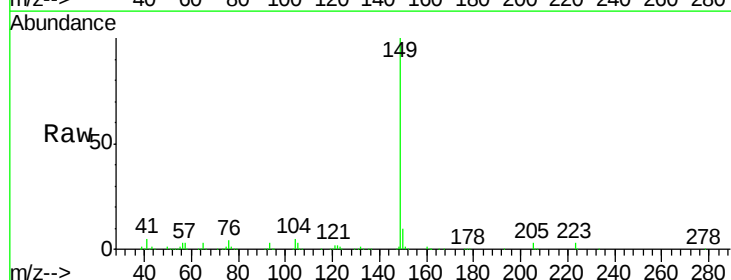
RT: 11.74 min Scan# 888

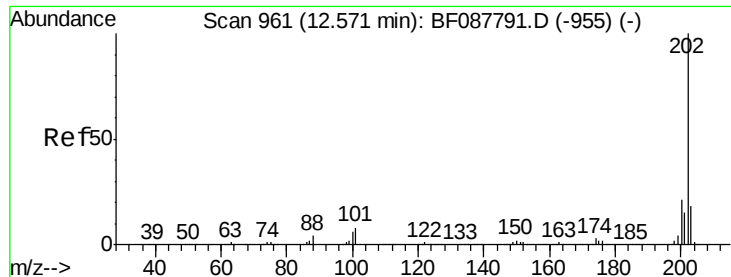
Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 611330 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.8   | 11.6   |
| 104       | 4.5   | 4.0   | 6.0    |





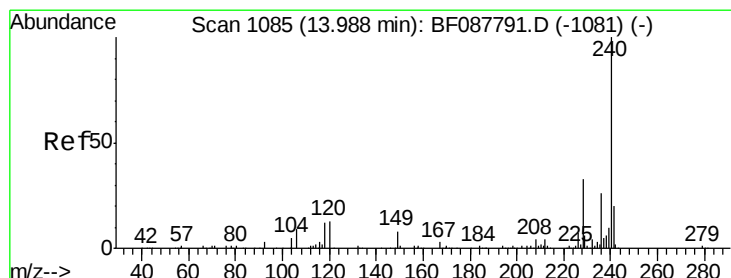
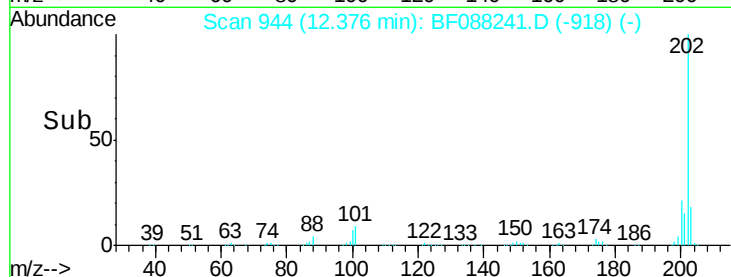
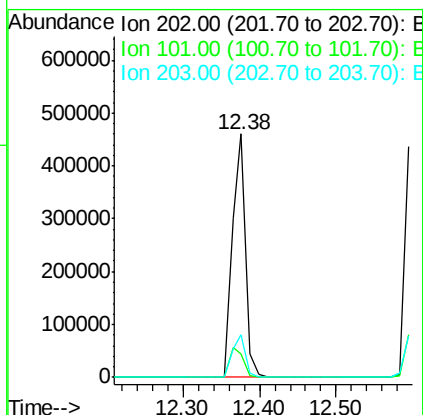
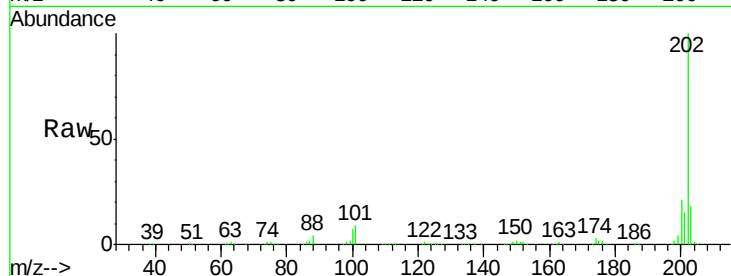
#74  
Fluoranthene  
Concen: 34.24 ng  
RT: 12.38 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 9.5   | 0.0        | 33.1  |
| 203     | 17.7  | 0.0        | 38.1  |

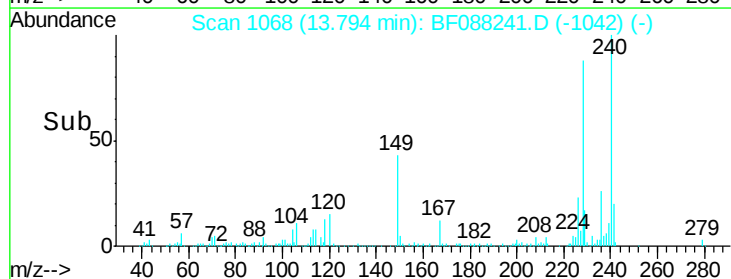
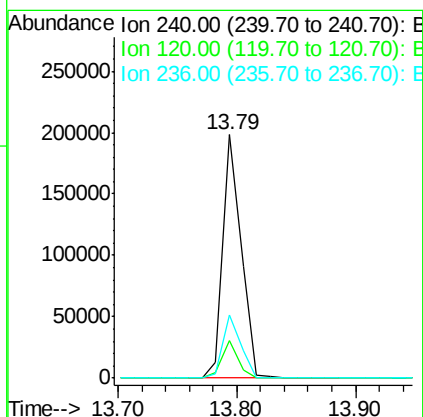
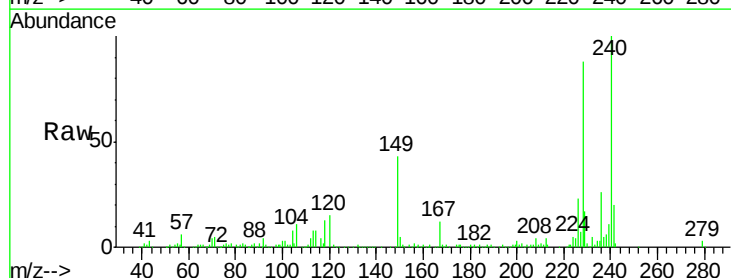
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#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.79 min Scan# 1068  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 15.4  | 6.8        | 10.2# |
| 236     | 25.7  | 20.2       | 30.2  |





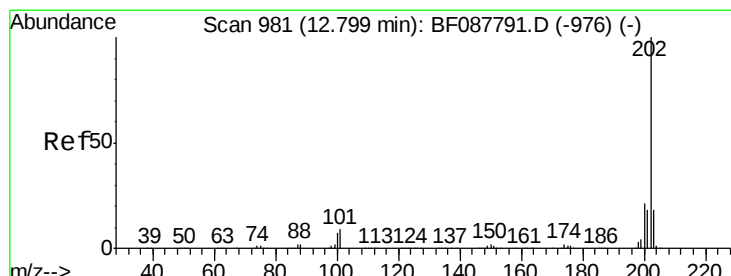
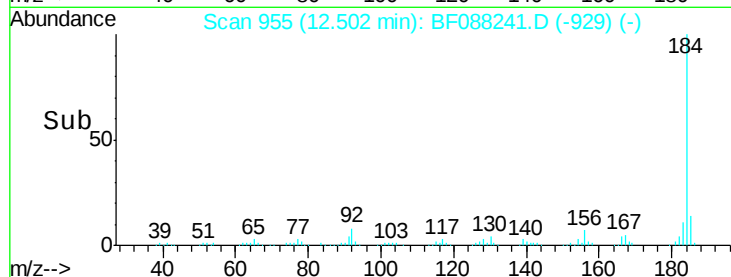
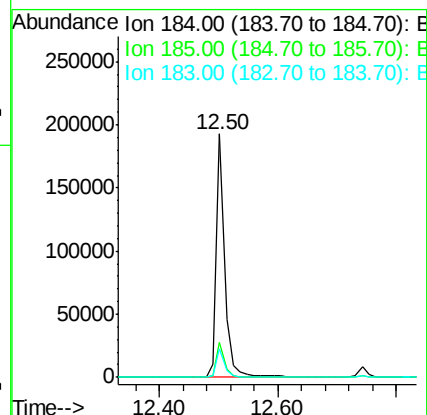
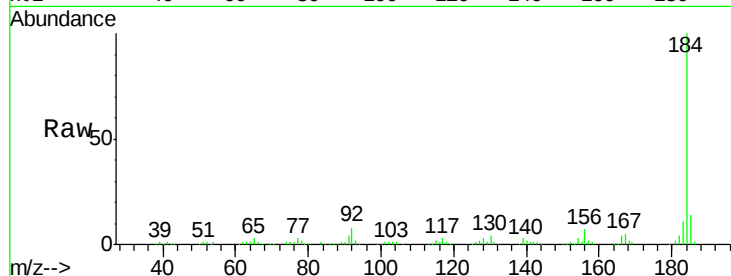
#76  
Benzidine  
Concen: 32.58 ng  
RT: 12.50 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 189733 |       |       |
| 185     | 14.4  |        | 12.5  | 18.7  |
| 183     | 11.5  |        | 9.3   | 13.9  |

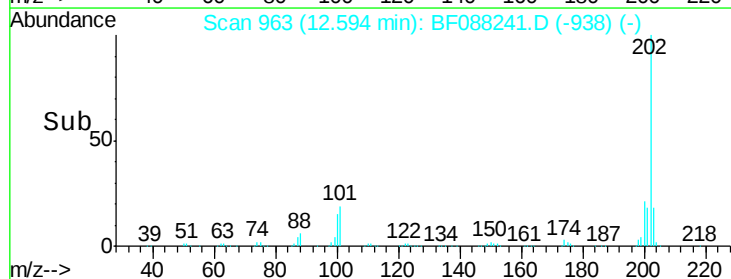
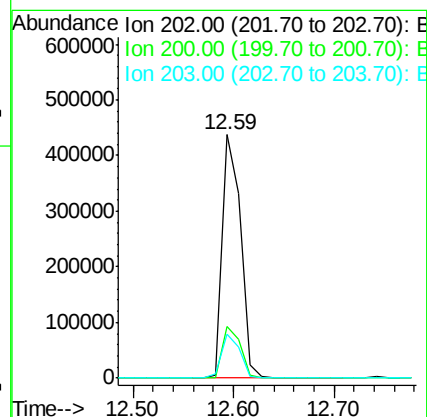
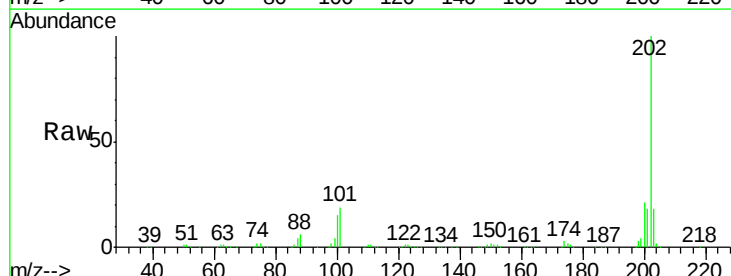
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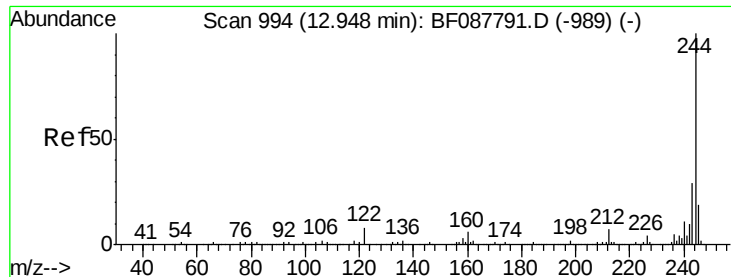
sohil  
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#77  
Pyrene  
Concen: 35.47 ng  
RT: 12.59 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 553654 |       |       |
| 200     | 21.3  |        | 17.4  | 26.2  |
| 203     | 18.1  |        | 14.5  | 21.7  |





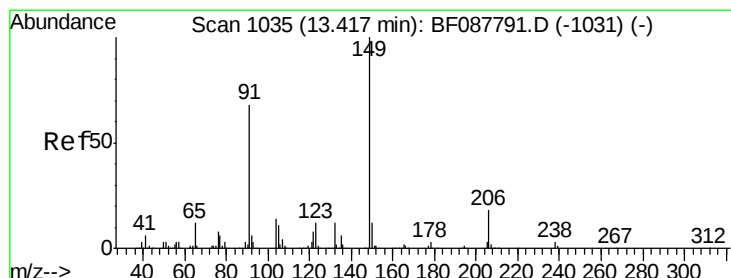
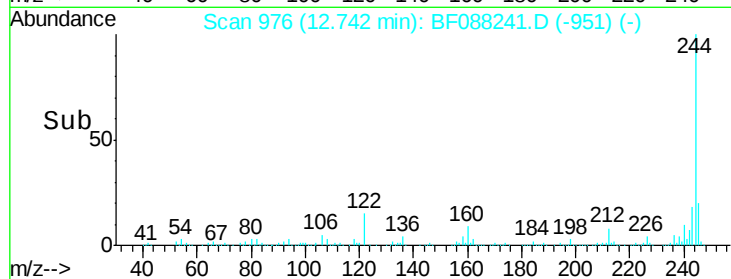
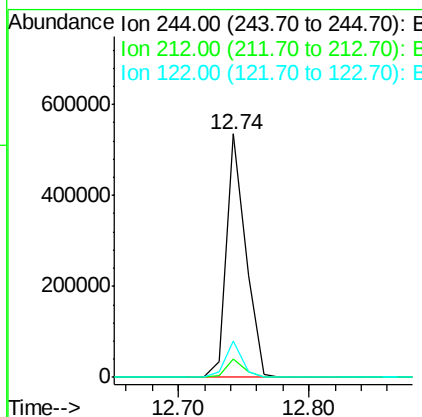
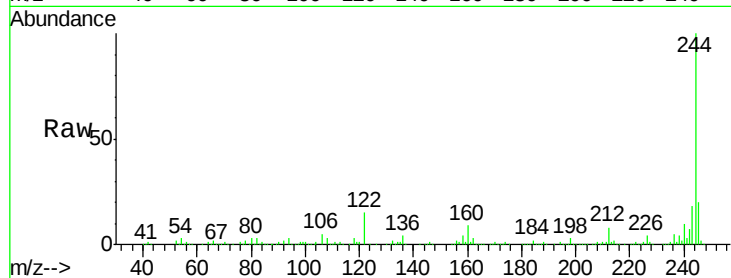
#78  
 Terphenyl-d14  
 Concen: 59.64 ng  
 RT: 12.74 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 244     | 100   |      |       |       |
| 212     | 7.6   | 6.0  | 9.0   |       |
| 122     | 15.1  | 11.2 | 16.8  |       |

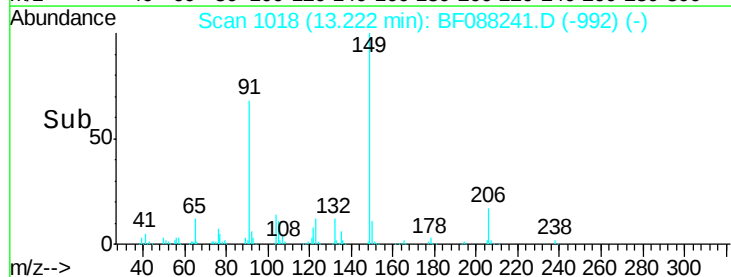
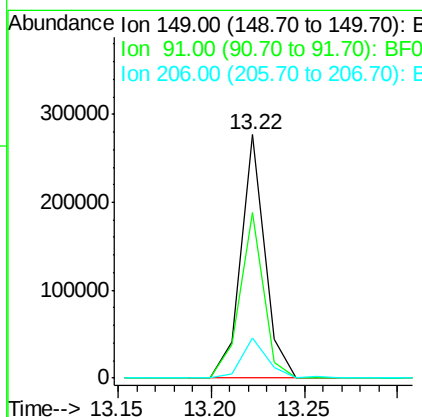
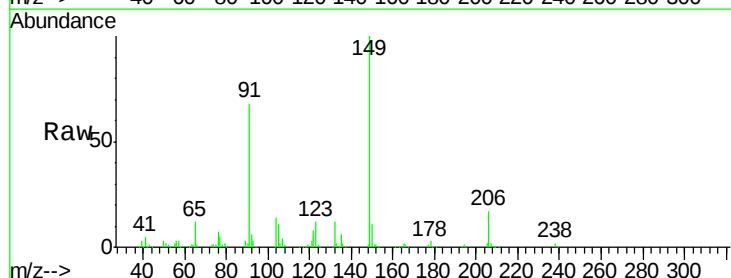
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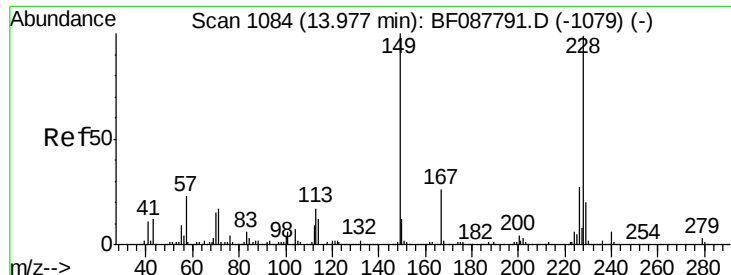
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#79  
 Butylbenzylphthalate  
 Concen: 36.16 ng  
 RT: 13.22 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 68.1  | 48.0 | 72.0  |       |
| 206     | 16.6  | 16.0 | 24.0  |       |





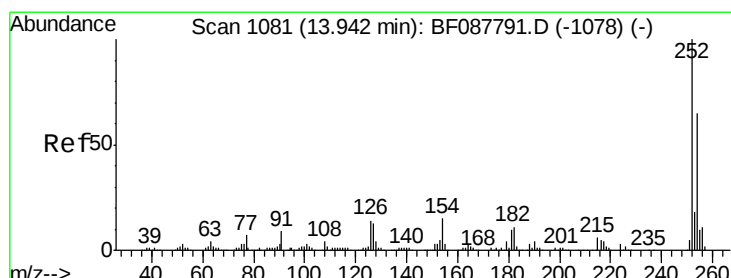
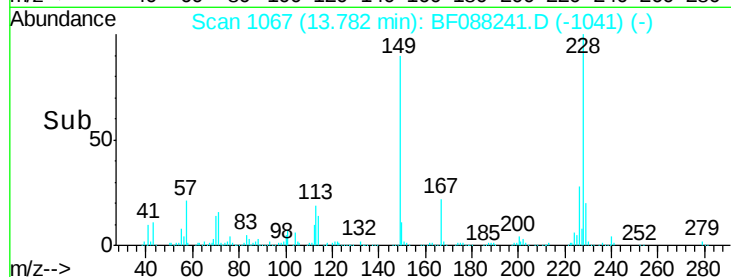
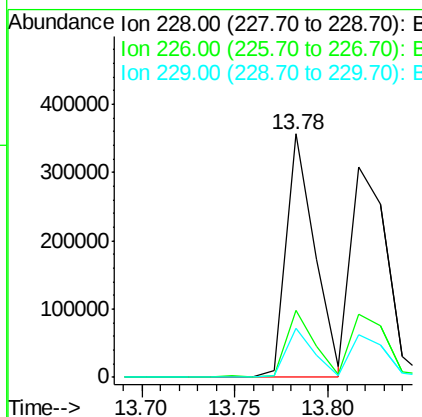
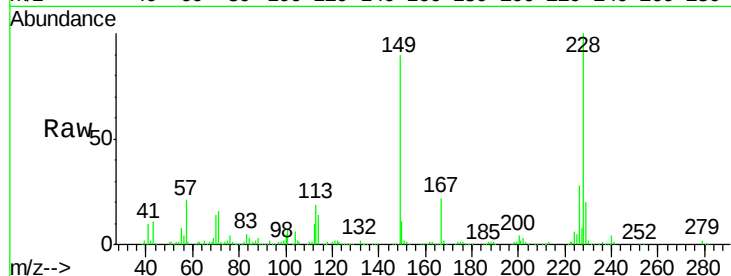
#80  
Benzo(a)anthracene  
Concen: 31.86 ng  
RT: 13.78 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 381869 |       |       |
| 226     | 27.8  | 22.3   | 33.5  |       |
| 229     | 20.1  | 16.0   | 24.0  |       |

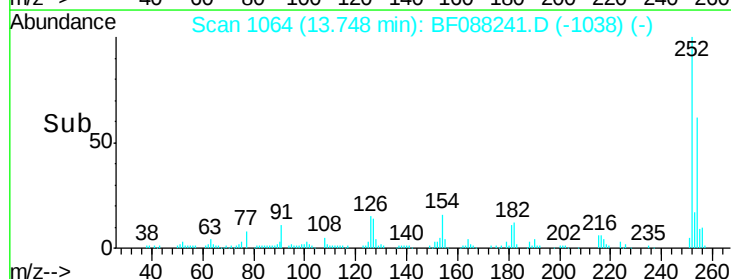
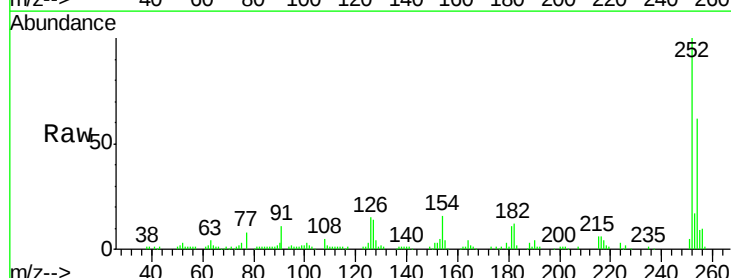
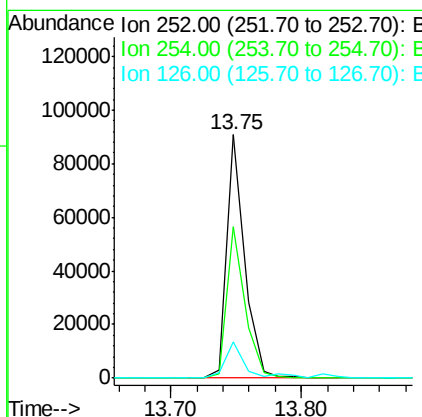
Manual Integrations  
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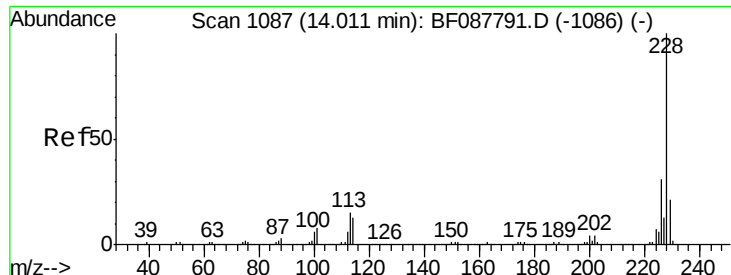
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#81  
3,3'-Dichlorobenzidine  
Concen: 26.90 ng  
RT: 13.75 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 252     | 100   | 86687 |       |       |
| 254     | 62.0  | 52.6  | 78.8  |       |
| 126     | 15.0  | 6.2   | 9.2   |       |





#82

Chrysene

Concen: 37.02 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

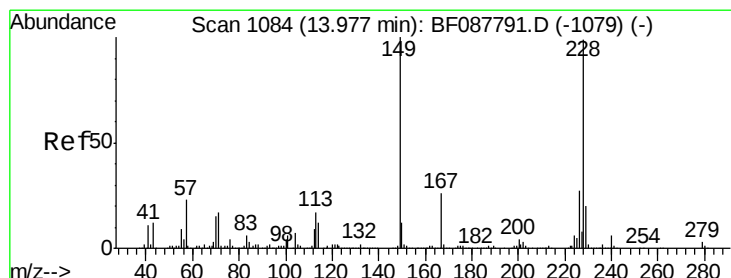
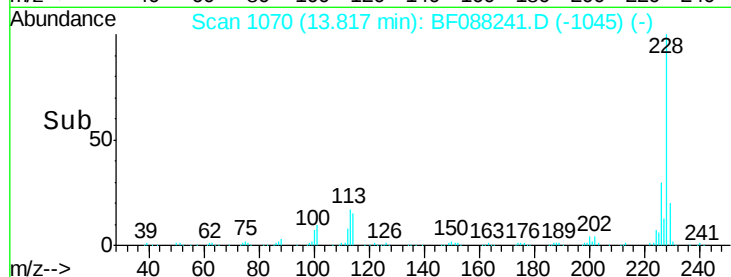
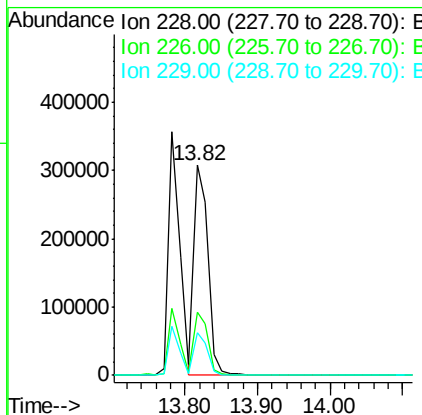
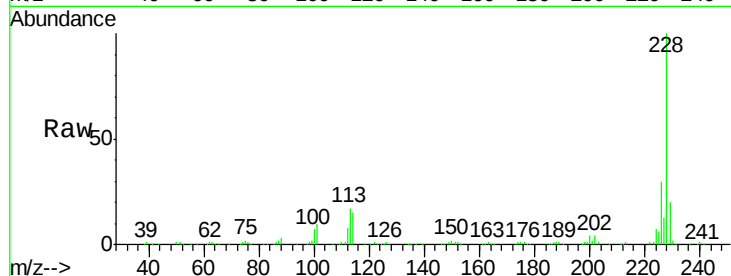
ClientSampleId :

EDD-3EMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 417382 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.1  | 25.4  | 38.2   |
| 229       | 20.1  | 16.3  | 24.5   |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.87 ng

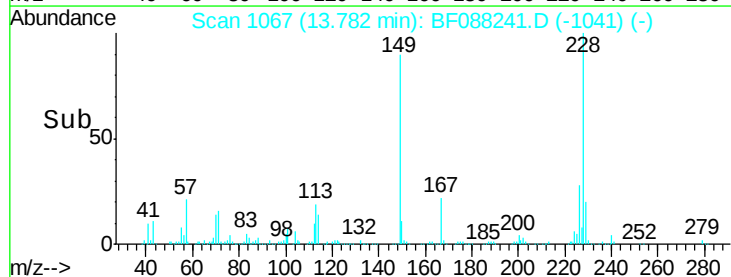
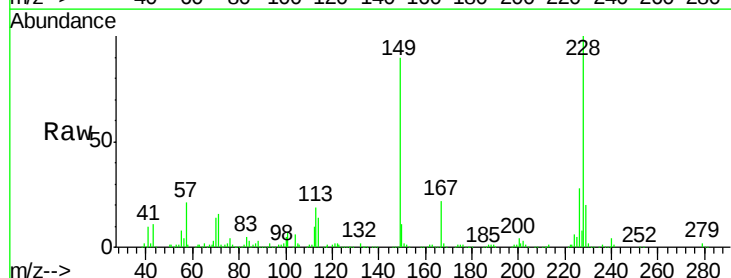
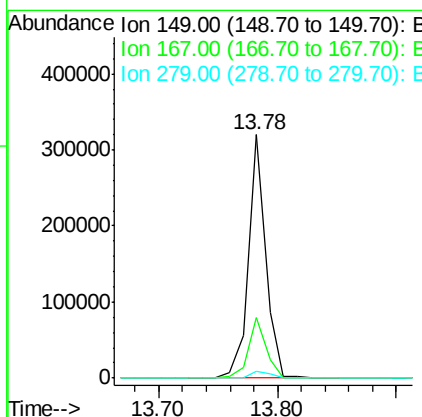
RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 326500 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.0  | 20.5  | 30.7   |
| 279       | 2.6   | 2.0   | 3.0    |





#84

Di-n-octyl phthalate

Concen: 38.07 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

Instrument :

BNA\_F

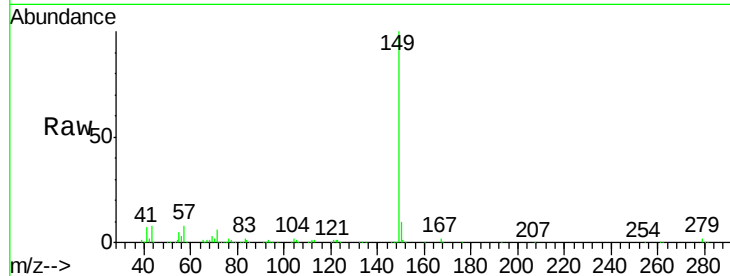
ClientSampleId :

EDD-3EMS

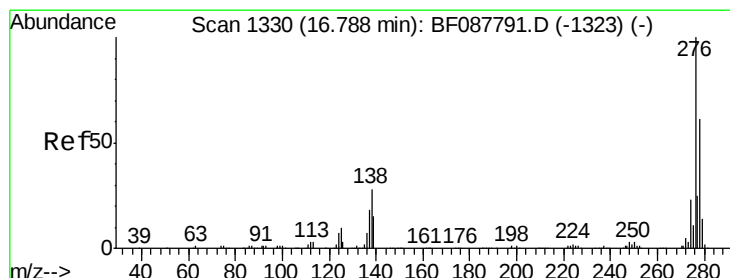
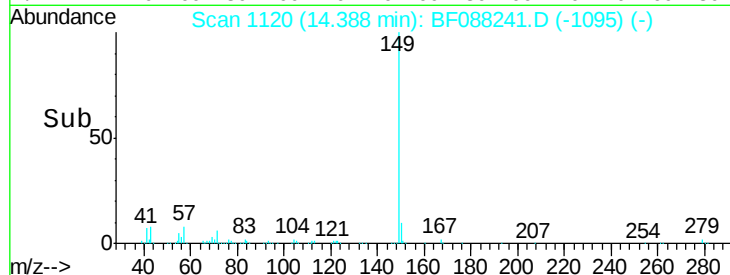
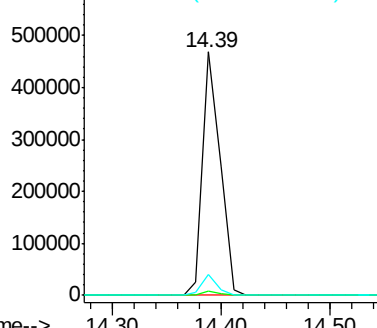
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 149 | Resp: | 519643 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.6 | 0.0   | 0.0#   |
| 43        | 7.7 | 0.0   | 0.0#   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.72 ng

RT: 16.46 min Scan# 1301

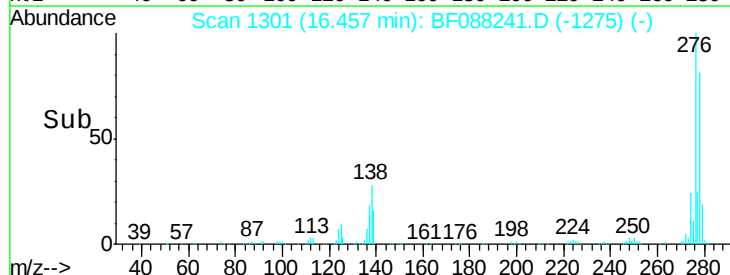
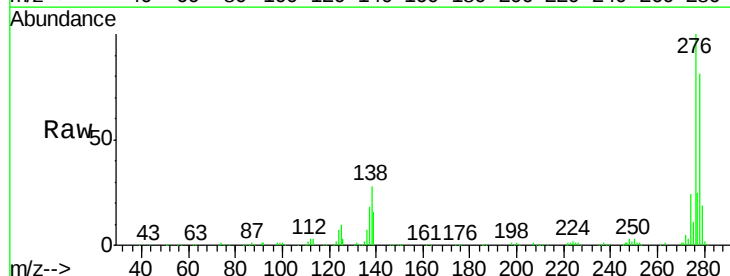
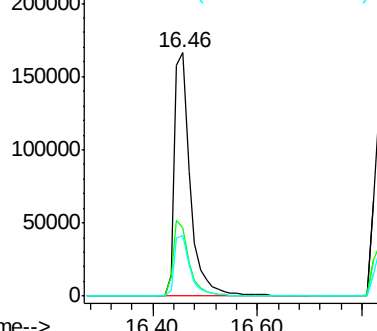
Delta R.T. 0.00 min

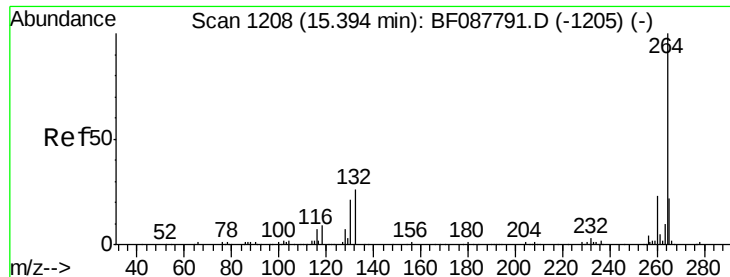
Lab File: BF088241.D

Acq: 22 Jun 2016 5:54

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 353214 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 31.2 | 0.0   | 0.0#   |
| 277       | 24.9 | 0.0   | 0.0#   |

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





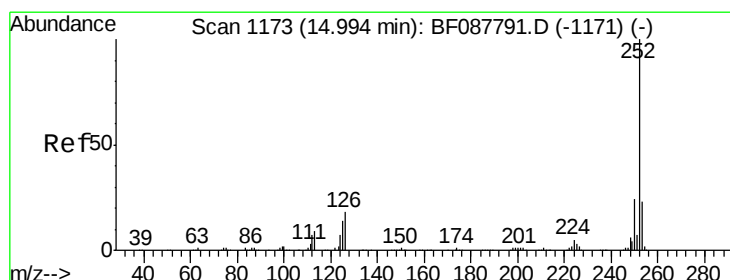
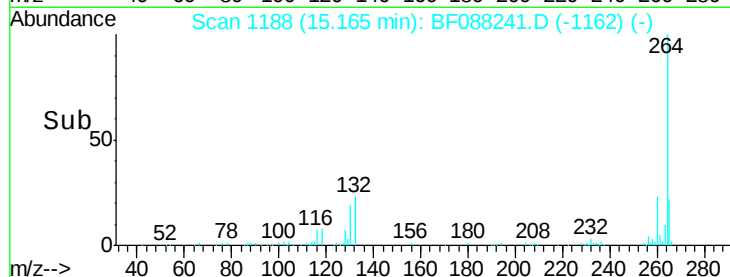
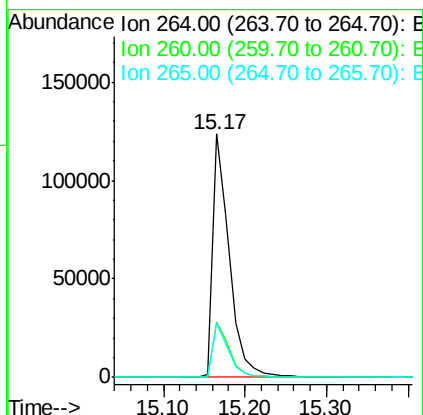
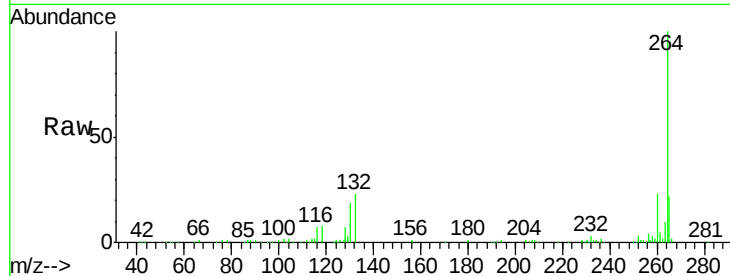
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.17 min Scan# 1188  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 19.2  | 28.8  |
| 265     | 22.2  | 16.9  | 25.3  |

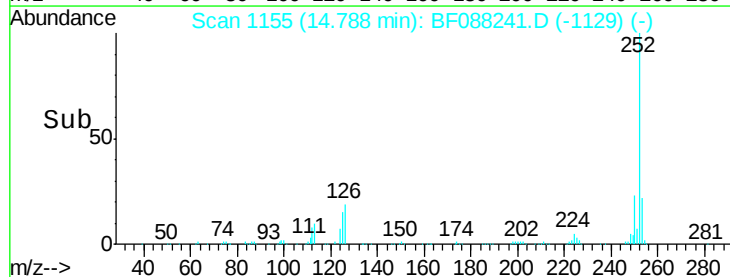
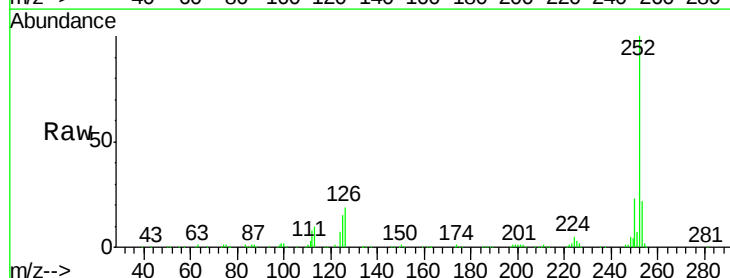
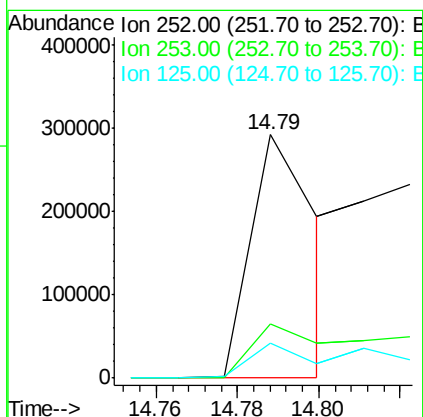
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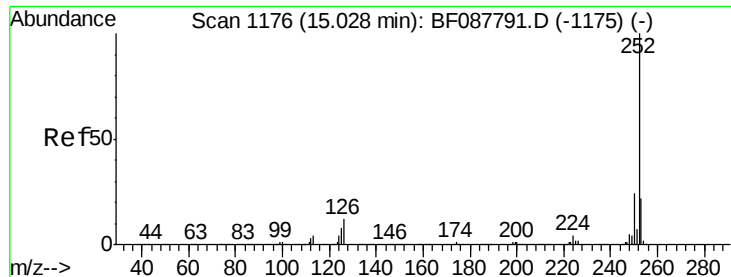
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#87  
Benzo(b)fluoranthene  
Concen: 27.28 ng m  
RT: 14.79 min Scan# 1155  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.2  |
| 125     | 14.6  | 7.1   | 10.7# |





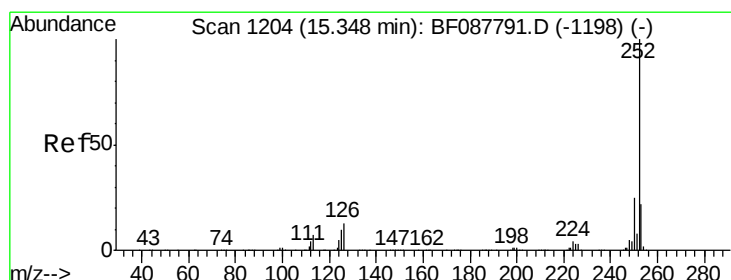
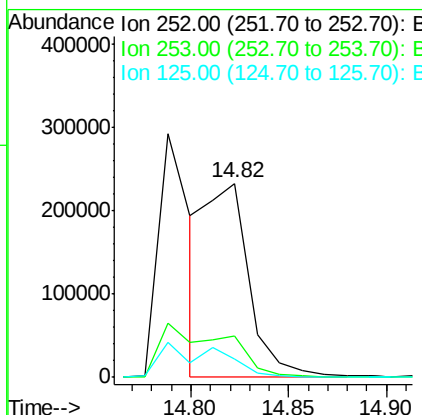
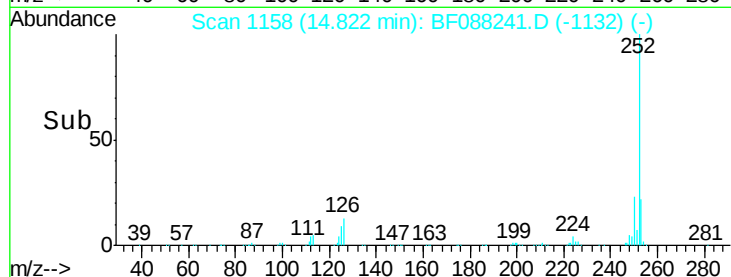
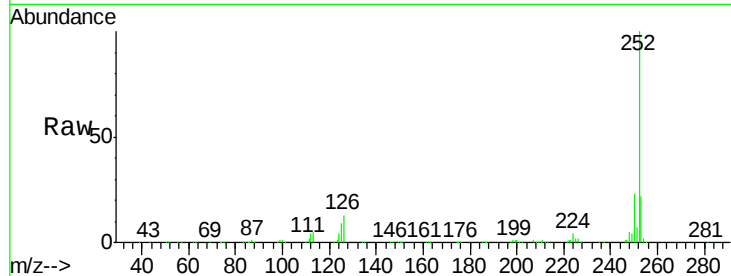
#88  
Benzo(k)fluoranthene  
Concen: 39.06 ng m  
RT: 14.82 min Scan# 1158  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

Instrument :  
BNA\_F  
ClientSampleId :  
EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.0  | 27.0  |
| 125     | 9.4   | 11.2  | 16.8# |

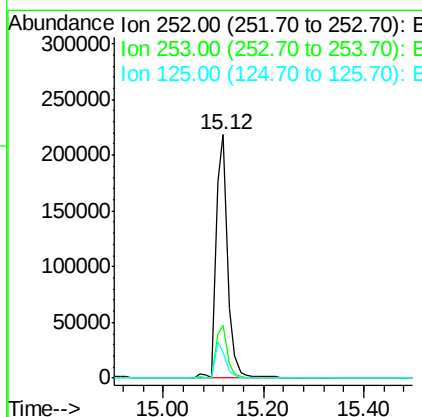
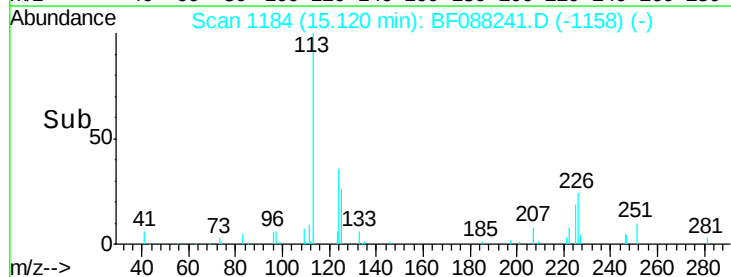
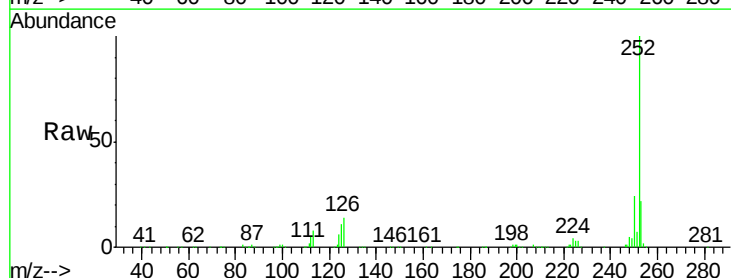
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#89  
Benzo(a)pyrene  
Concen: 34.93 ng  
RT: 15.12 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: BF088241.D  
Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.9  | 26.9  |
| 125     | 10.6  | 12.5  | 18.7# |





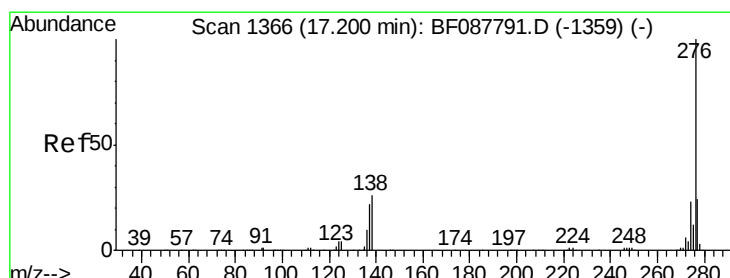
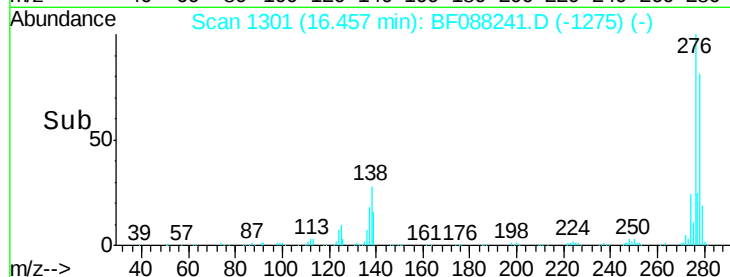
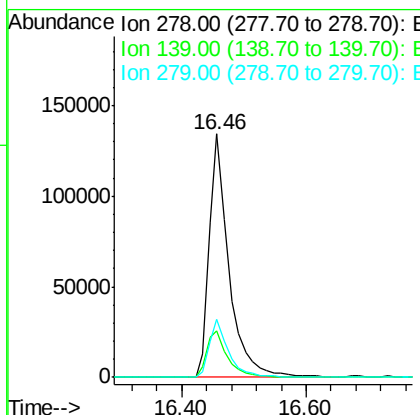
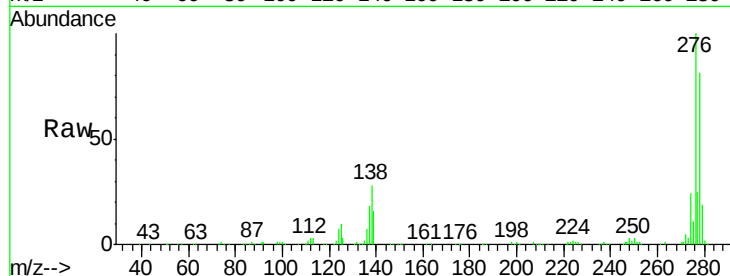
#90  
 Dibenzo(a,h)anthracene  
 Concen: 32.00 ng  
 RT: 16.46 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EDD-3EMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.3  | 15.7  | 23.5  |
| 279     | 23.8  | 19.4  | 29.2  |

Manual Integrations  
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#91  
 Benzo(g,h,i)perylene  
 Concen: 32.99 ng  
 RT: 16.83 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BF088241.D  
 Acq: 22 Jun 2016 5:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.9  | 28.3  |
| 138     | 25.8  | 21.4  | 32.2  |

