

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\  
 Data File : BF093759.D  
 Acq On : 20 Mar 2017 11:49  
 Operator : SJ/MA  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

mohammad  
 3/21/2017 2:44:48 PM

Quant Time: Mar 20 13:27:35 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 13:13:09 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 225646   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.12  | 136  | 858259   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.88  | 164  | 416768   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.35 | 188  | 753655   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.98 | 240  | 596848   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.39 | 264  | 540228   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.42  | 112 | 274105 | 20.25 | ng | -0.01 |
| 7) Phenol-d6                | 6.46  | 99  | 361230 | 21.53 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.40  | 82  | 348718 | 24.39 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.65 | 330 | 75945  | 27.84 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.20  | 172 | 650352 | 29.45 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.93 | 244 | 621380 | 22.41 | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.44 | 88  | 66141   | 9.46   | ng | 98   |
| 3) Pyridine                    | 3.14 | 79  | 155603  | 8.14   | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 75545   | 9.03   | ng | 98   |
| 6) Aniline                     | 6.49 | 93  | 239932  | 10.00  | ng | 91   |
| 8) 2-Chlorophenol              | 6.62 | 128 | 152464  | 10.13  | ng | 86   |
| 9) Benzaldehyde                | 6.37 | 77  | 116553  | 12.00  | ng | 90   |
| 10) Phenol                     | 6.47 | 94  | 215658  | 11.00  | ng | 84   |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 155780  | 10.08  | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 6.78 | 146 | 177252  | 10.63  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 173435m | 10.16  | ng |      |
| 14) 1,2-Dichlorobenzene        | 7.01 | 146 | 176300  | 11.04  | ng | 95   |
| 15) Benzyl Alcohol             | 6.97 | 79  | 134816  | 10.74  | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 249907  | 10.26  | ng | 99   |
| 17) 2-Methylphenol             | 7.09 | 107 | 136704  | 10.49  | ng | 97   |
| 18) Hexachloroethane           | 7.35 | 117 | 61425   | 10.13  | ng | # 74 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 118625  | 10.65  | ng | 94   |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 165018  | 10.69  | ng | 94   |
| 22) Acetophenone               | 7.24 | 105 | 210808  | 11.02  | ng | # 97 |
| 24) Nitrobenzene               | 7.41 | 77  | 162050  | 10.48  | ng | 97   |
| 25) Isophorone                 | 7.66 | 82  | 285900  | 10.39  | ng | # 90 |
| 26) 2-Nitrophenol              | 7.73 | 139 | 60532   | 10.34  | ng | # 78 |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 154905  | 11.57  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 188360  | 10.84  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 122213  | 10.62  | ng | 91   |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 130713  | 10.90  | ng | 97   |
| 31) Naphthalene                | 8.14 | 128 | 480218  | 11.48  | ng | 99   |
| 32) Benzoic acid               | 7.84 | 122 | 69952   | 9.98   | ng | 97   |
| 33) 4-Chloroaniline            | 8.18 | 127 | 206281  | 11.77  | ng | 94   |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 70506   | 11.22  | ng | 99   |
| 35) Caprolactam                | 8.52 | 113 | 39024   | 10.10  | ng | 98   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 142308  | 11.75  | ng | 91   |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 323107  | 11.92  | ng | 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 123164  | 12.62  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 63133   | 12.95  | ng | 100  |

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 Misc :  
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Manual Integrations  
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Quant Time: Mar 20 13:27:35 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 13:13:09 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.11  | 196  | 87000    | 12.09 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 97969    | 13.21 | nq #  | 86       |
| 45) 1,1'-Biphenyl              | 9.29  | 154  | 379413   | 12.98 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.32  | 162  | 298005   | 12.71 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.41  | 65   | 80027    | 11.80 | nq #  | 77       |
| 48) Acenaphthylene             | 9.73  | 152  | 481616   | 12.59 | nq    | 100      |
| 49) Dimethylphthalate          | 9.59  | 163  | 328600   | 12.07 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.65  | 165  | 69855    | 11.88 | nq #  | 83       |
| 51) Acenaphthene               | 9.90  | 154  | 278431   | 12.36 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.81  | 138  | 77267    | 11.08 | nq    | 93       |
| 53) 2,4-Dinitrophenol          | 9.91  | 184  | 16114    | 9.20  | nq #  | 1        |
| 54) Dibenzofuran               | 10.07 | 168  | 378397   | 12.35 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 55983    | 10.64 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.05 | 165  | 91888    | 11.74 | nq    | 97       |
| 57) Fluorene                   | 10.41 | 166  | 316683   | 12.74 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 60940    | 11.94 | nq    | 99       |
| 59) Diethylphthalate           | 10.29 | 149  | 316253   | 12.20 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.41 | 204  | 144769   | 13.83 | nq    | 88       |
| 61) 4-Nitroaniline             | 10.41 | 138  | 71880    | 11.07 | nq    | 93       |
| 62) Azobenzene                 | 10.56 | 77   | 295803   | 11.30 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 28667    | 8.70  | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 10.53 | 169  | 291404   | 11.45 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 75938    | 10.66 | nq #  | 74       |
| 67) Hexachlorobenzene          | 10.96 | 284  | 80228    | 10.77 | nq #  | 75       |
| 68) Atrazine                   | 11.05 | 200  | 85782    | 11.71 | nq    | 99       |
| 69) Pentachlorophenol          | 11.16 | 266  | 43168    | 10.12 | nq    | 98       |
| 70) Phenanthrene               | 11.37 | 178  | 466011   | 10.94 | nq    | 98       |
| 71) Anthracene                 | 11.42 | 178  | 469173   | 11.25 | nq    | 98       |
| 72) Carbazole                  | 11.57 | 167  | 452882   | 10.38 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.92 | 149  | 495568   | 11.11 | nq #  | 97       |
| 74) Fluoranthene               | 12.55 | 202  | 465486   | 11.27 | nq    | 99       |
| 76) Benzidine                  | 12.68 | 184  | 262168   | 11.24 | nq #  | 93       |
| 77) Pyrene                     | 12.78 | 202  | 499391   | 9.84  | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.41 | 149  | 202173   | 9.38  | nq    | 88       |
| 80) Benzo(a)anthracene         | 13.96 | 228  | 376381   | 9.83  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 136871   | 10.19 | nq    | 99       |
| 82) Chrysene                   | 14.00 | 228  | 379724   | 10.26 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 264036   | 11.14 | nq #  | 95       |
| 84) Di-n-octyl phthalate       | 14.59 | 149  | 451883   | 10.34 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 313398   | 10.00 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 432231m  | 12.62 | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.01 | 252  | 251134m  | 8.30  | nq    |          |
| 89) Benzo(a)pyrene             | 15.32 | 252  | 320581   | 10.59 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.76 | 278  | 275329   | 10.75 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.13 | 276  | 267061   | 10.26 | nq    | 98       |

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

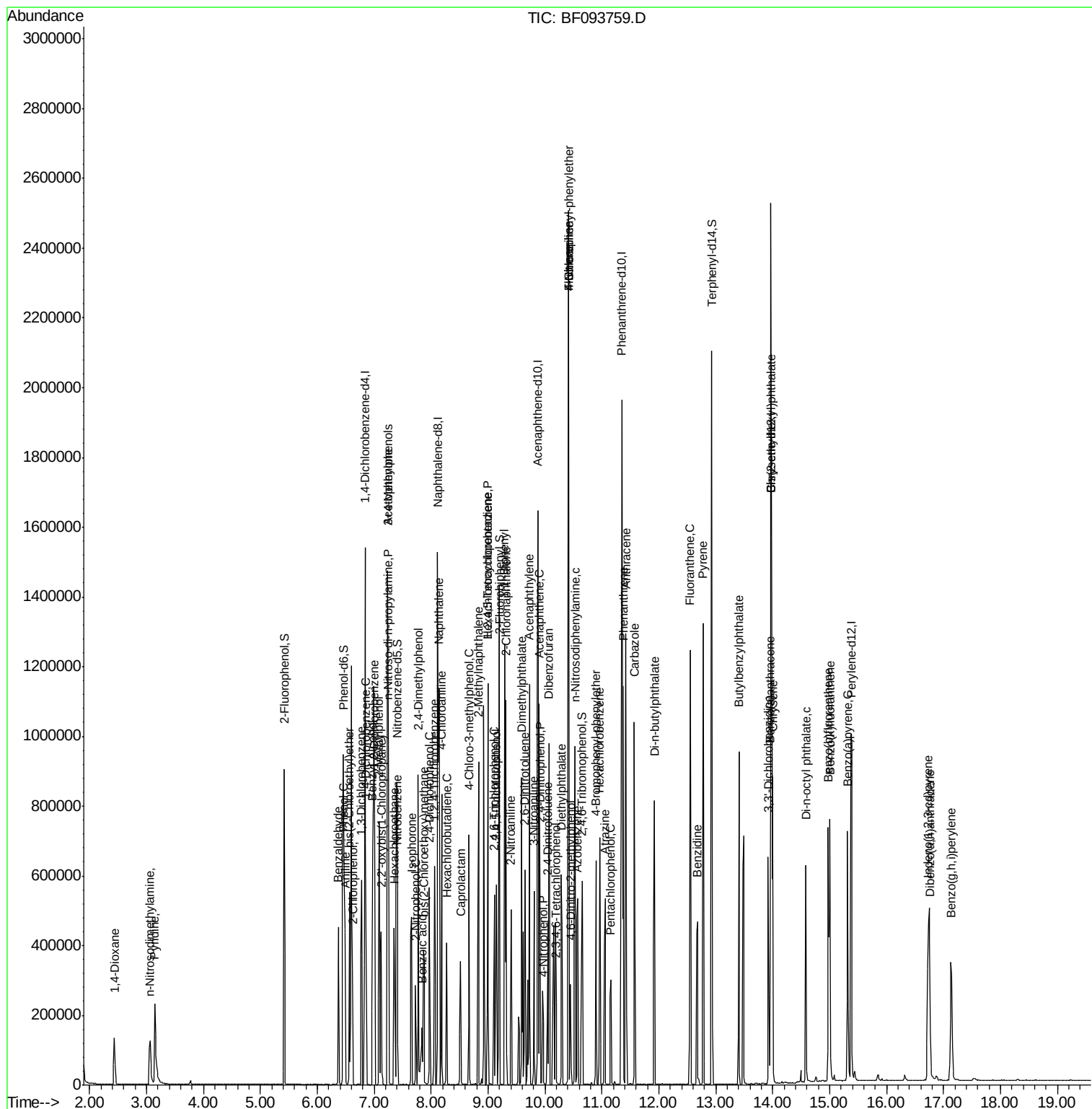
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\  
Data File : BF093759.D  
Acq On    : 20 Mar 2017   11:49  
Operator  : SJ/MA  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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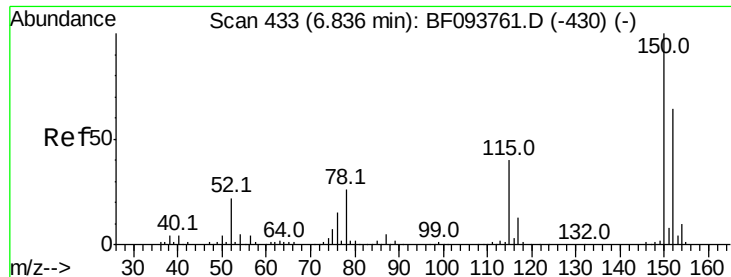
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC010

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Quant Time: Mar 20 13:27:35 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 20 13:13:09 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

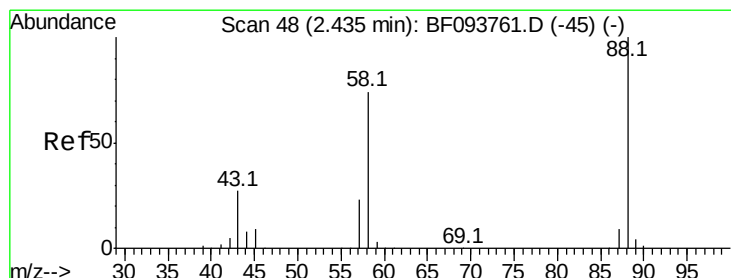
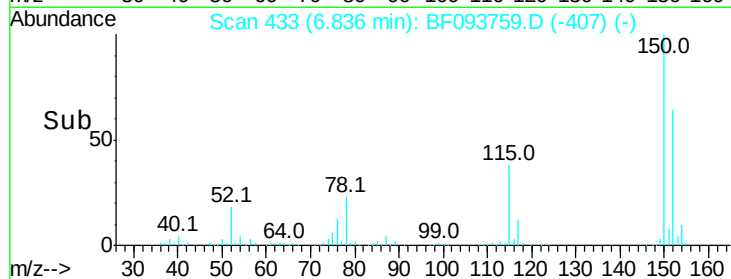
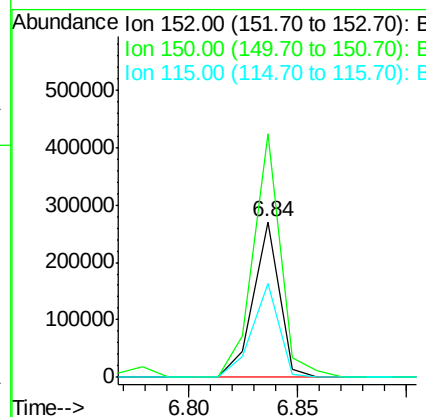
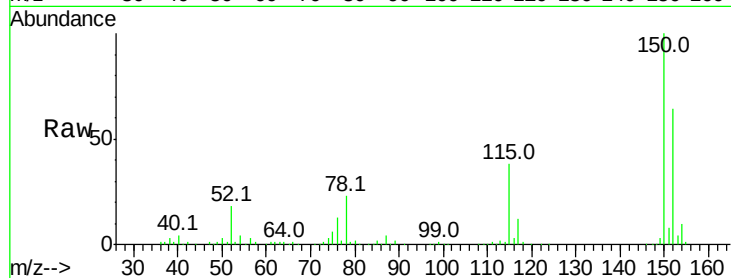
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 225646 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 156.1 | 126.2 | 189.2  |
| 115       | 59.9  | 52.2  | 78.2   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 9.46 ng

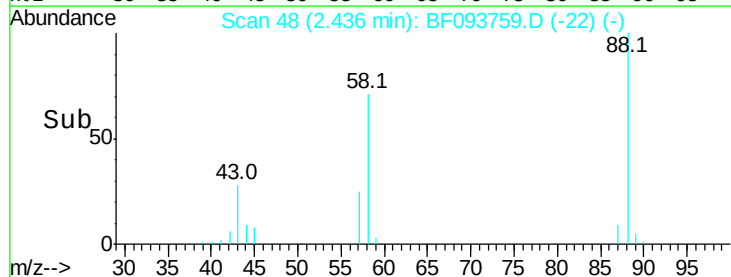
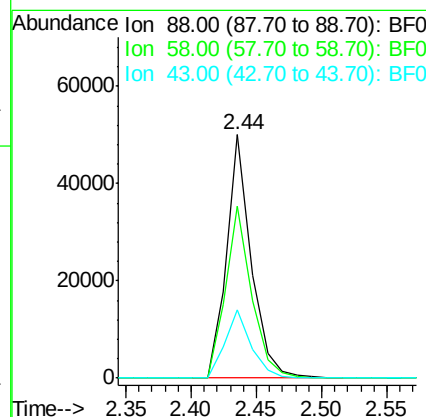
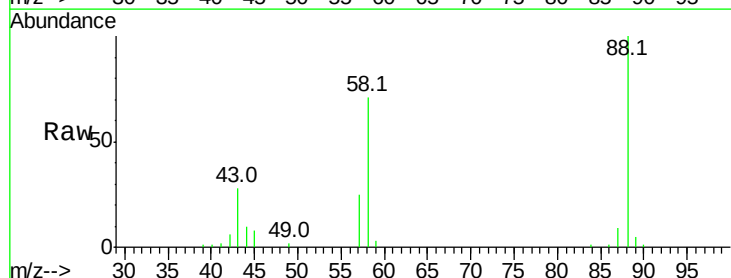
RT: 2.44 min Scan# 48

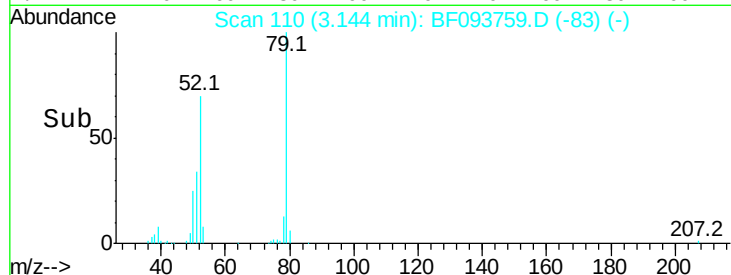
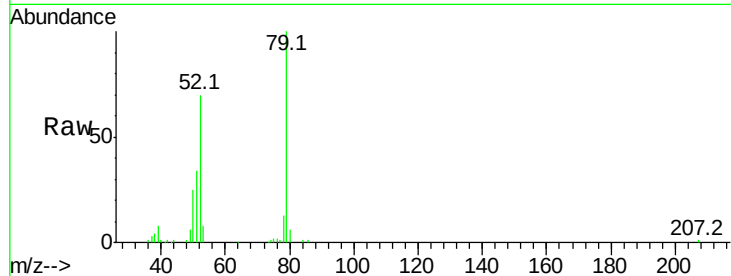
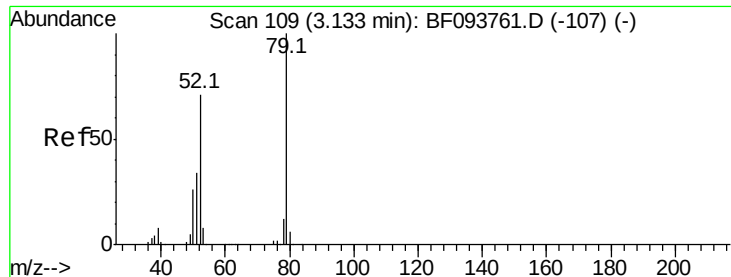
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 66141 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 74.5  | 61.4  | 92.0  |
| 43        | 29.4  | 23.4  | 35.0  |





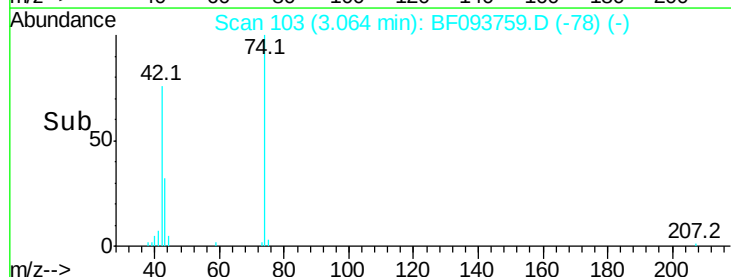
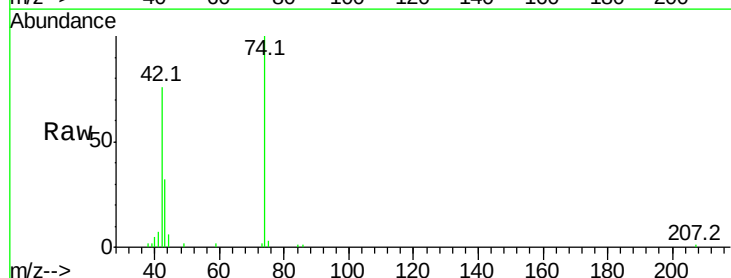
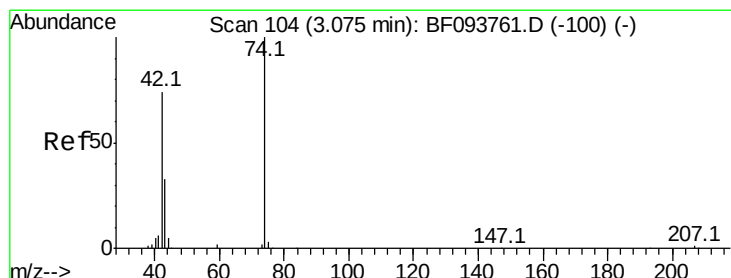
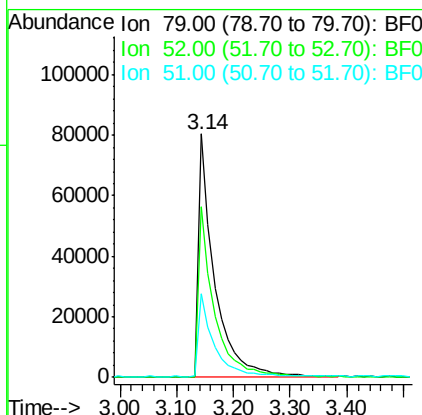
#3  
Pvridine  
Concen: 8.14 ng  
RT: 3.14 min Scan# 110  
Delta R.T. 0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 155603 |       |       |
| 52      | 70.2 | 54.8  | 82.2   |       |       |
| 51      | 34.4 | 27.0  | 40.4   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

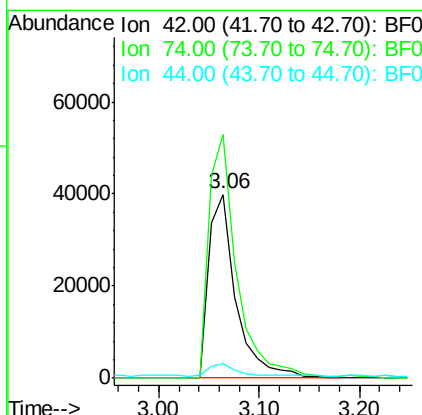
Manual Integrations  
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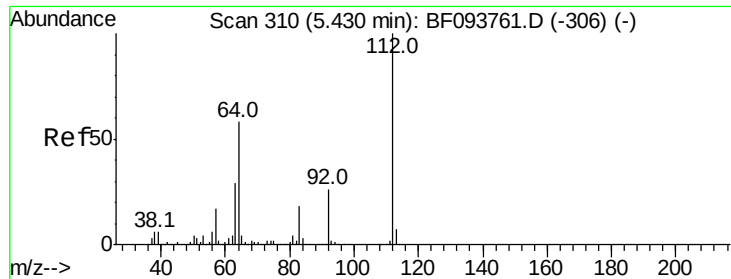
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#4  
n-Nitrosodimethylamine  
Concen: 9.03 ng  
RT: 3.06 min Scan# 103  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       | 75545 |       |       |
| 74      | 132.4 | 103.9 | 155.9 |       |       |
| 44      | 8.0   | 5.7   | 8.5   |       |       |





#5

2-Fluorophenol

Concen: 20.25 ng

RT: 5.42 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

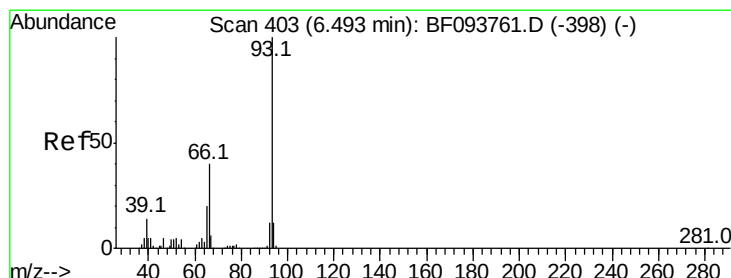
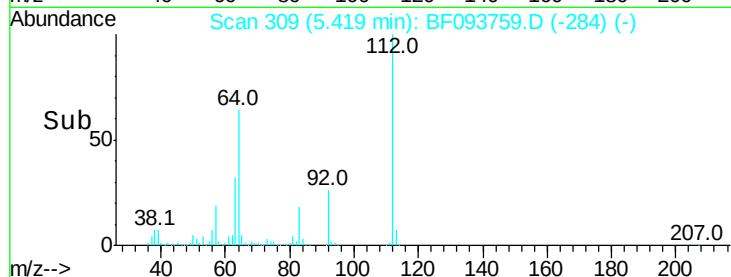
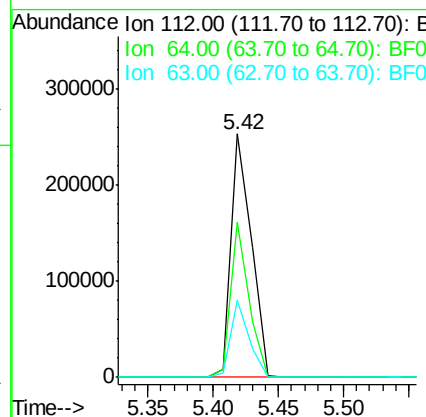
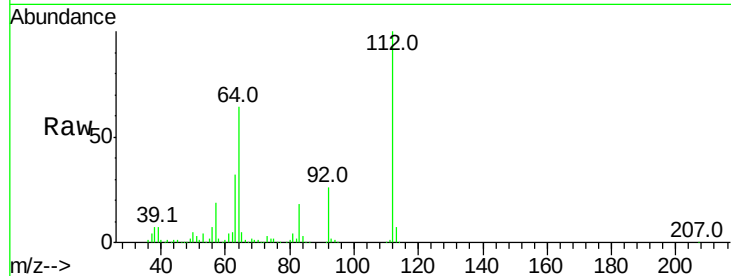
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 274105 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.7  | 46.0  | 69.0   |
| 63        | 31.5  | 23.4  | 35.0   |

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#6

Aniline

Concen: 10.00 ng

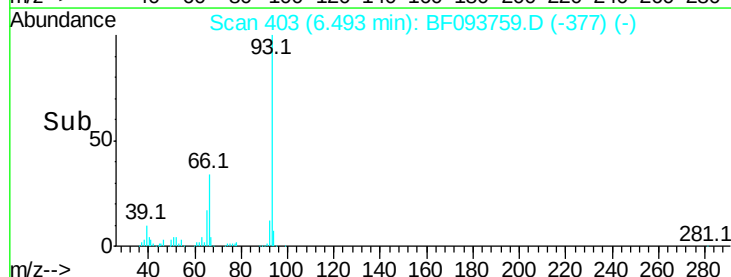
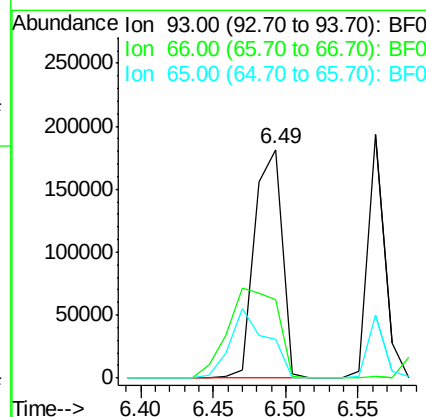
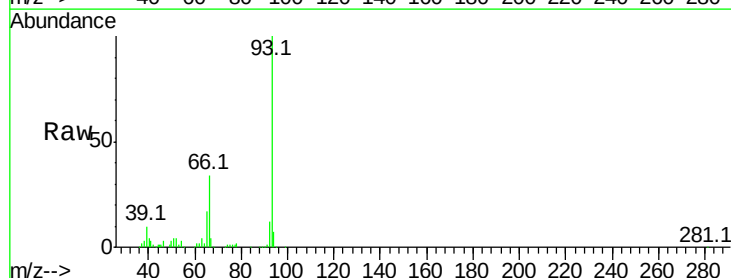
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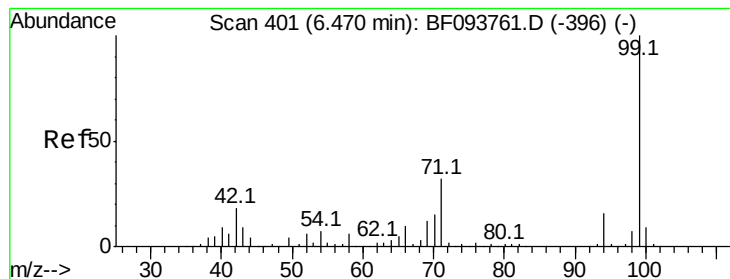
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 239932 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 34.2  | 32.9  | 49.3   |
| 65        | 17.0  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 21.53 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

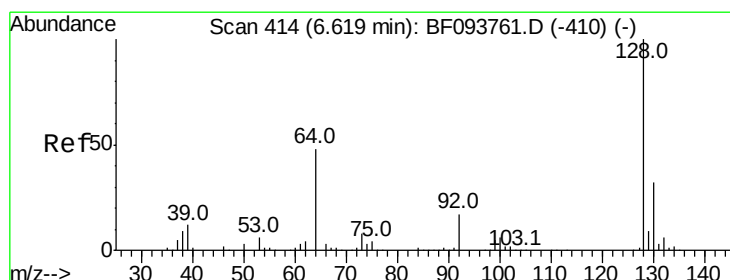
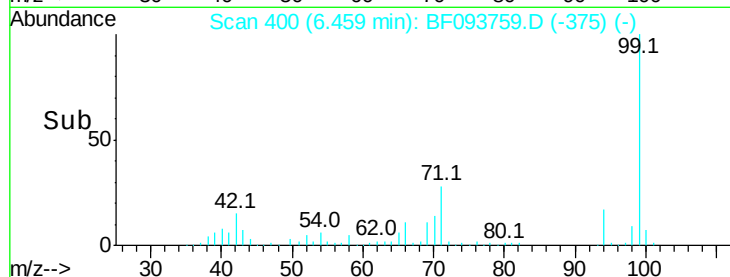
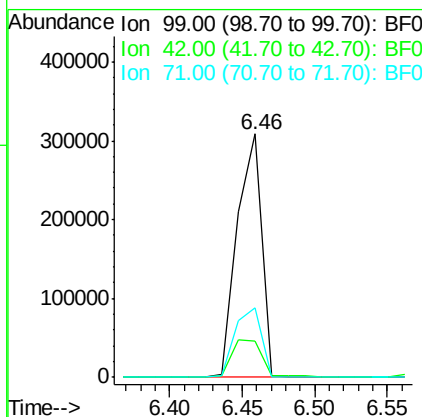
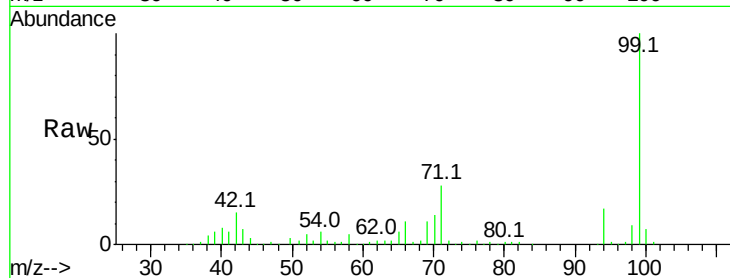
ClientSampleId :

SSTDICC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 361230 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.7  | 13.5  | 20.3   |
| 71       | 28.3  | 24.5  | 36.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 10.13 ng

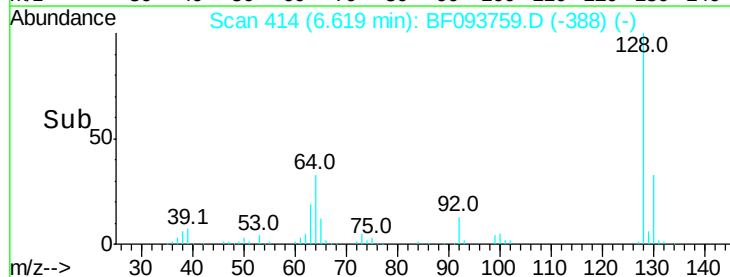
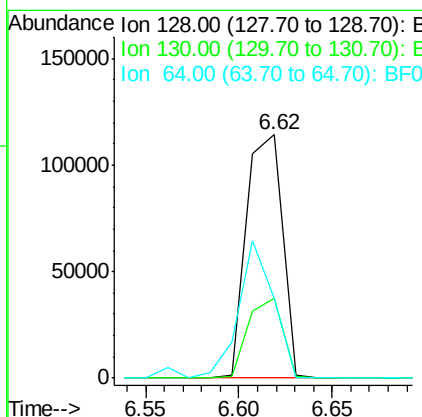
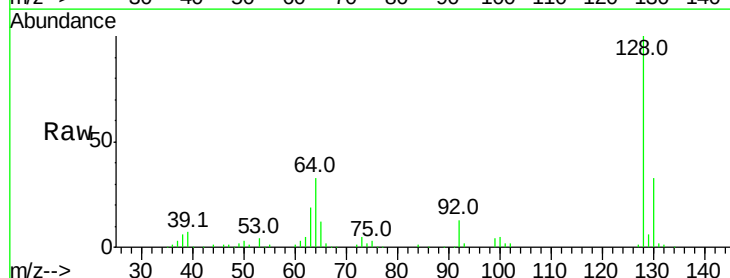
RT: 6.62 min Scan# 414

Delta R.T. 0.00 min

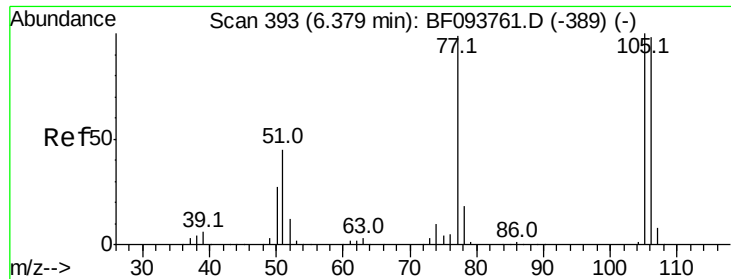
Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 152464 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.7  | 12.9  | 52.9   |
| 64       | 33.0  | 28.4  | 68.4   |







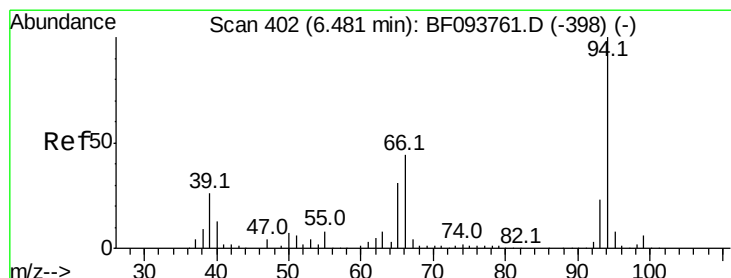
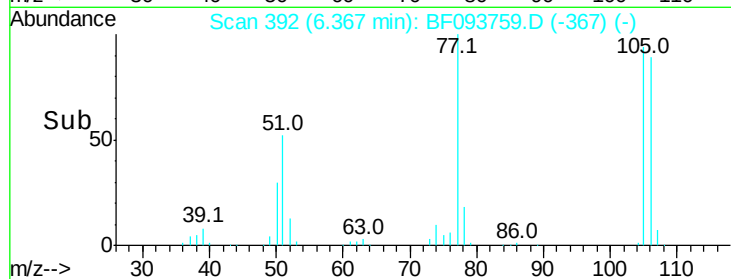
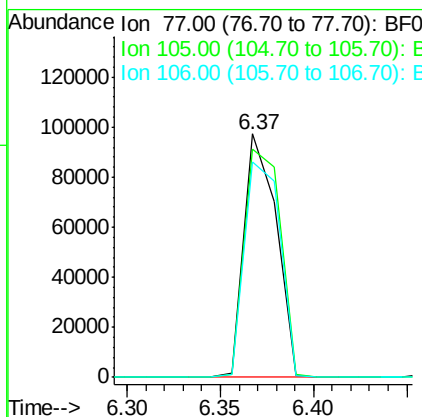
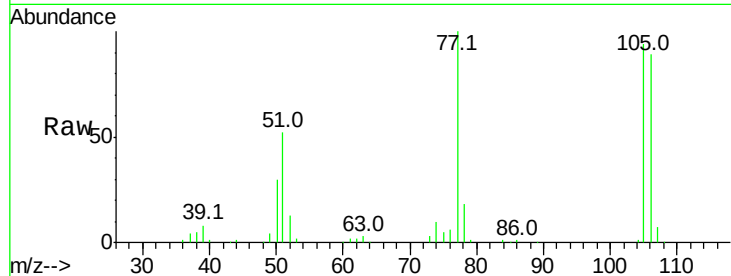
#9  
Benzaldehyde  
Concen: 12.00 ng  
RT: 6.37 min Scan# 392  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tot Ion: 77 Resp: 116553  
Ion Ratio Lower Upper  
77 100  
105 93.8 83.8 123.8  
106 88.7 79.1 119.1

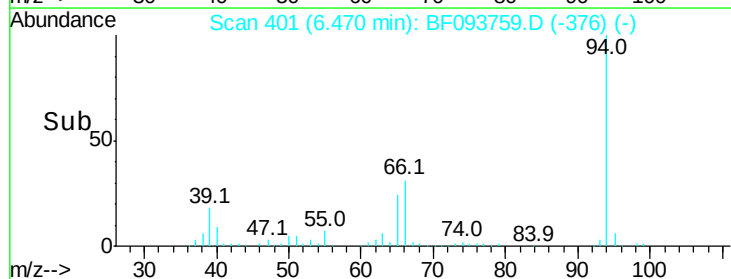
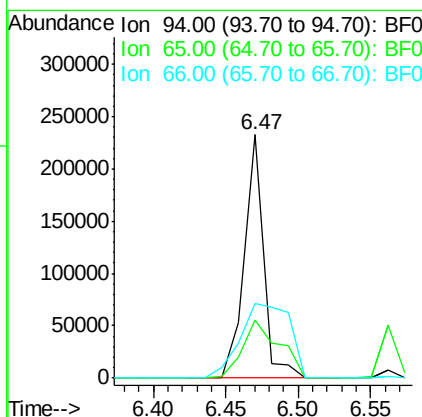
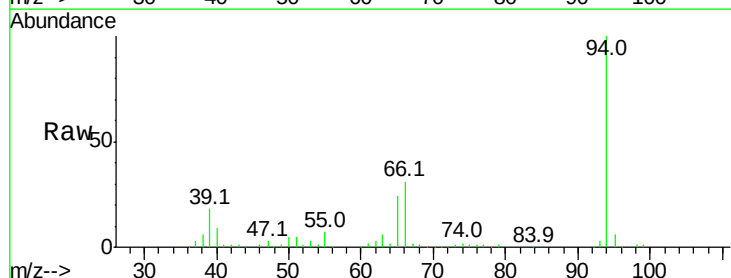
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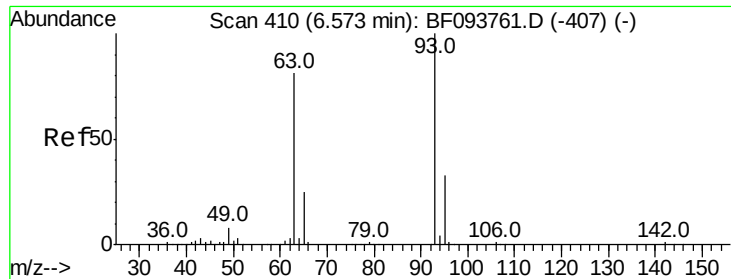


#10  
Phenol  
Concen: 11.00 ng  
RT: 6.47 min Scan# 401  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Tgt Ion: 94 Resp: 215658  
Ion Ratio Lower Upper  
94 100  
65 23.8 9.9 49.9  
66 30.8 23.1 63.1







#11

bis(2-Chloroethyl)ether

Concen: 10.08 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

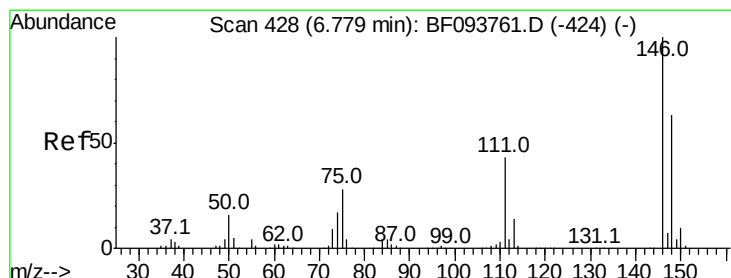
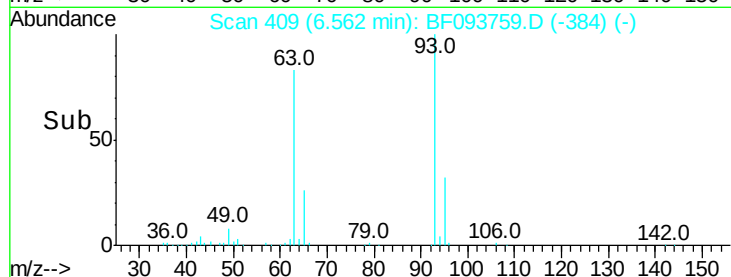
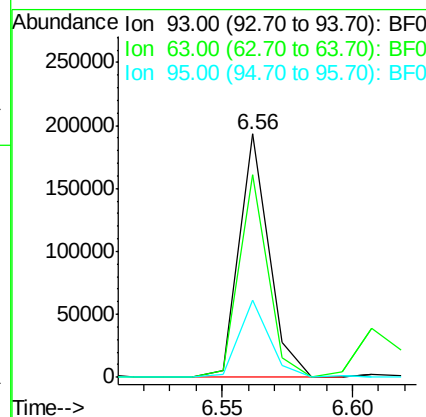
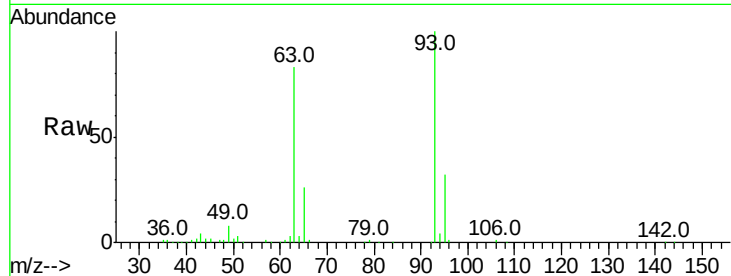
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 155780 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 83.1  | 59.2  | 99.2   |
| 95        | 32.0  | 12.8  | 52.8   |

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#12

1,3-Dichlorobenzene

Concen: 10.63 ng

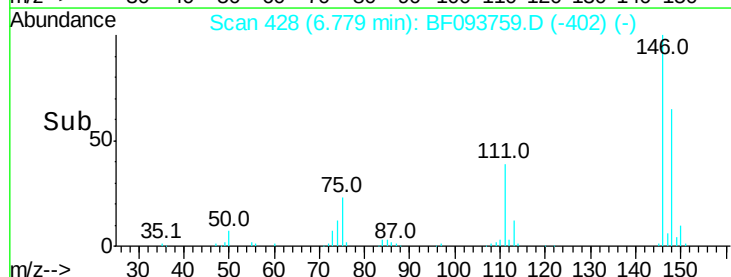
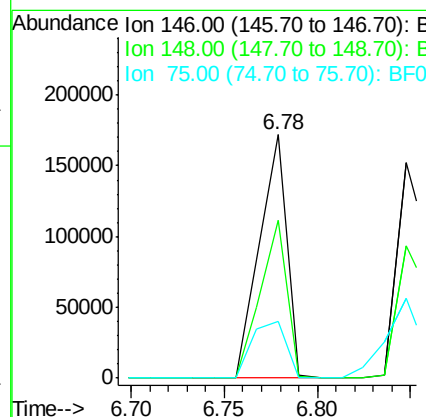
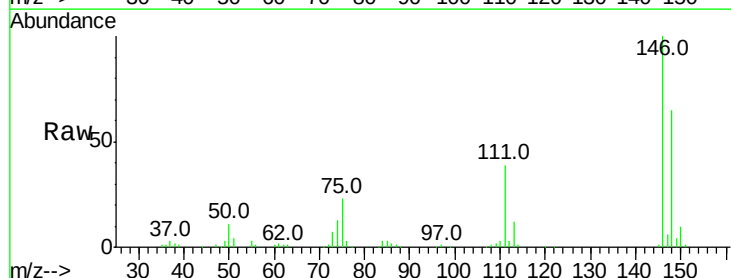
RT: 6.78 min Scan# 428

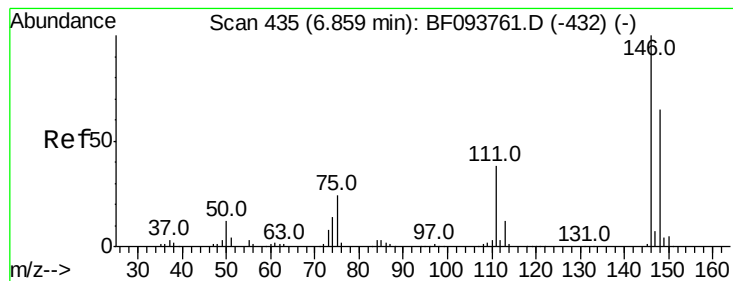
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 177252 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.8  | 51.8  | 77.6   |
| 75        | 23.3  | 23.1  | 34.7   |





#13

1,4-Dichlorobenzene

Concen: 10.16 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

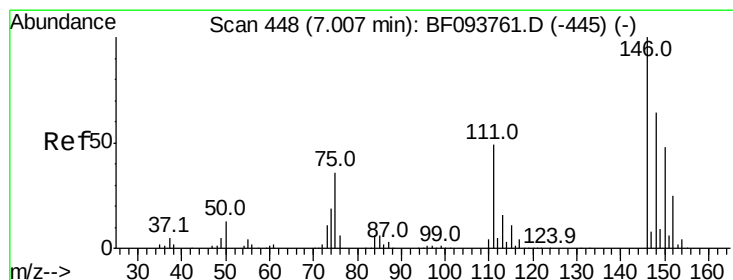
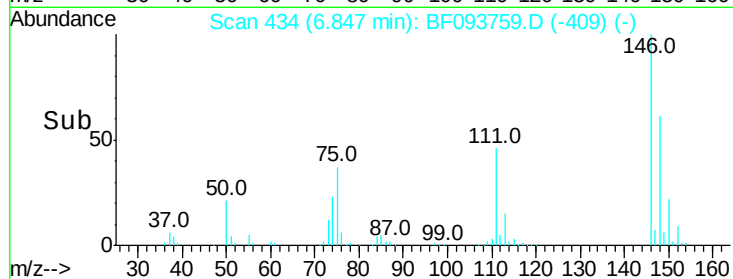
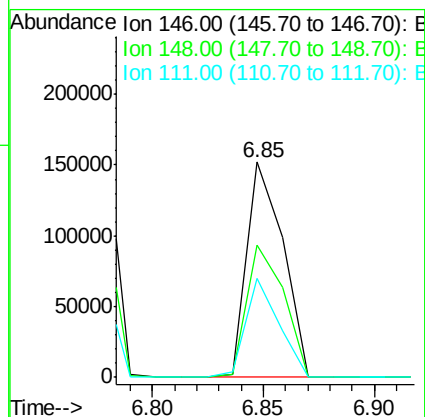
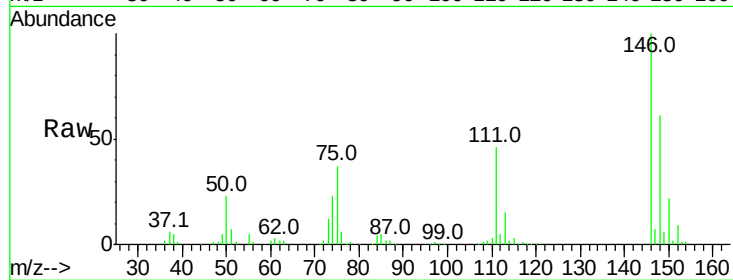
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 173435 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.3  | 52.2  | 78.2   |
| 111       | 46.3  | 30.3  | 45.5#  |

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#14

1,2-Dichlorobenzene

Concen: 11.04 ng

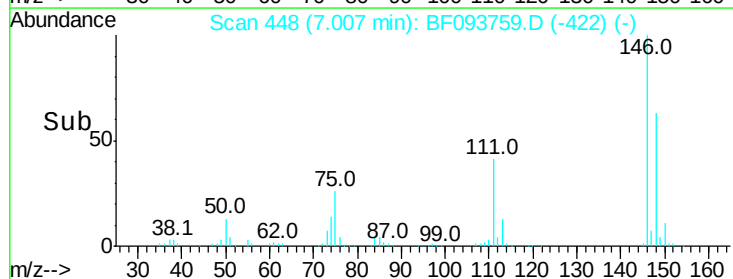
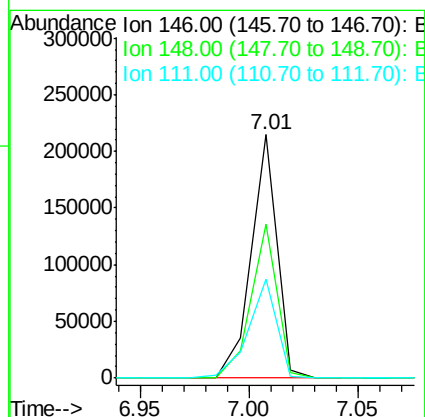
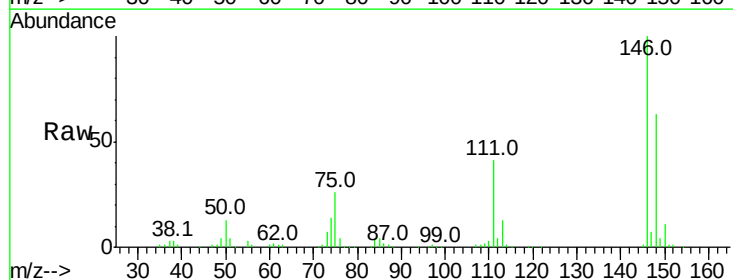
RT: 7.01 min Scan# 448

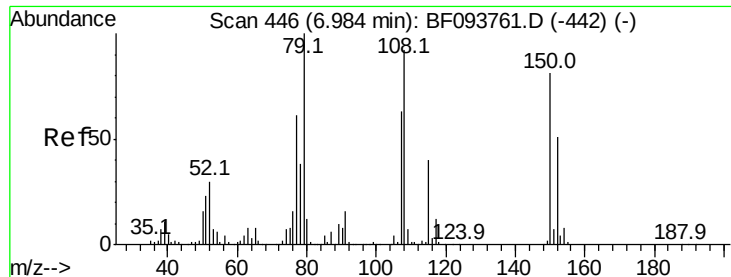
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 176300 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 50.4  | 75.6   |
| 111       | 40.8  | 38.2  | 57.4   |





#15

Benzyl Alcohol

Concen: 10.74 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

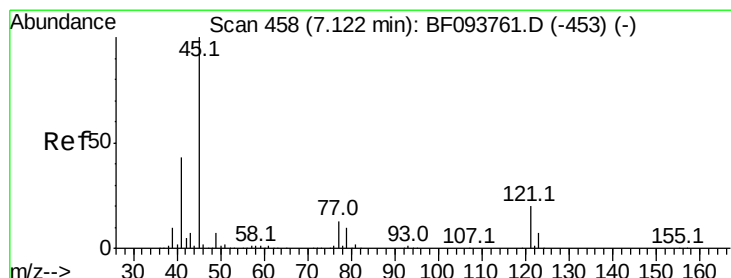
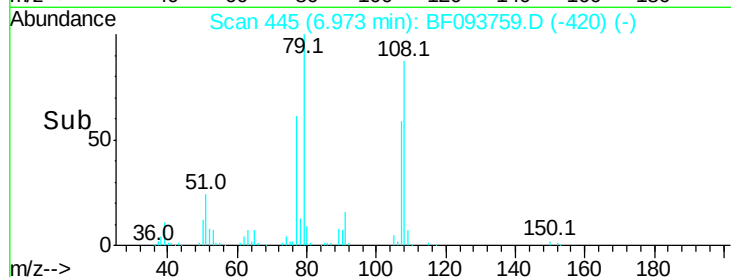
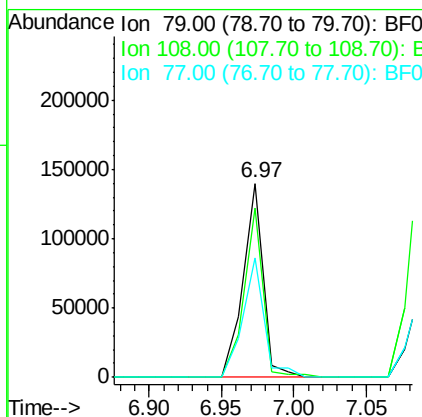
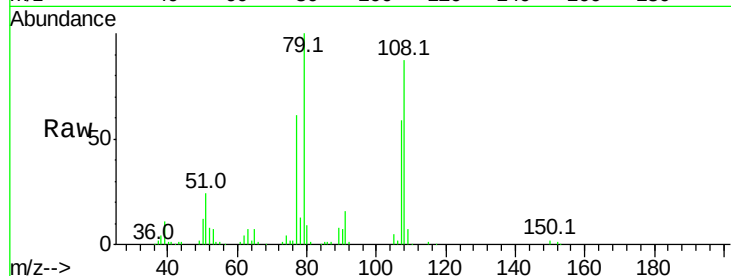
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 134816 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 87.0  | 63.4  | 95.0   |
| 77        | 61.3  | 49.2  | 73.8   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.26 ng

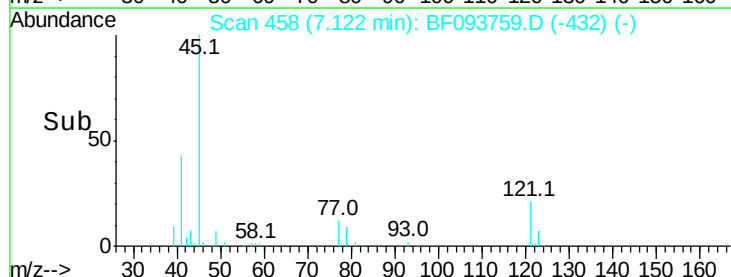
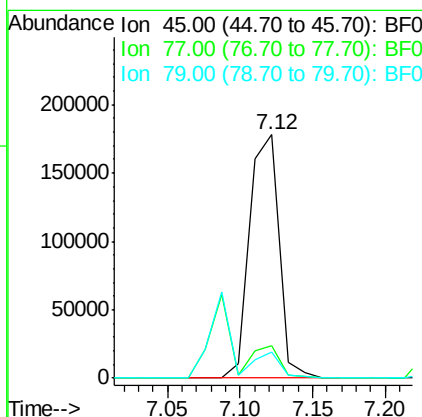
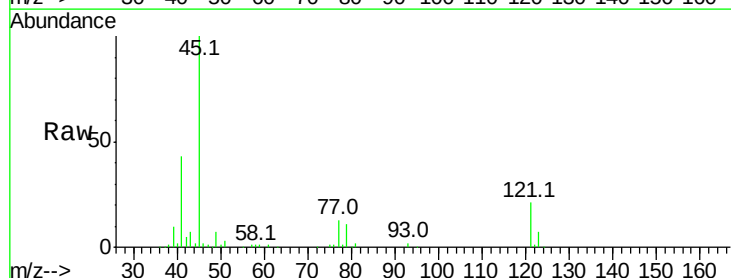
RT: 7.12 min Scan# 458

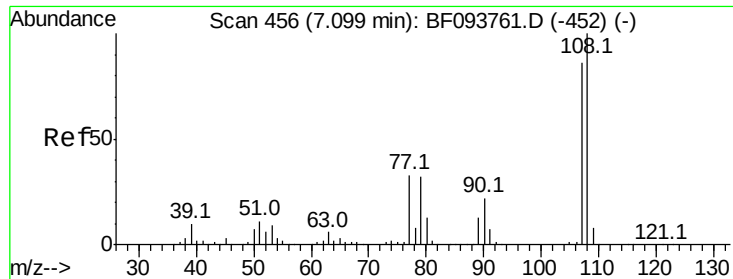
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 249907 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.5  | 0.0   | 33.2   |
| 79        | 10.5  | 0.0   | 30.0   |





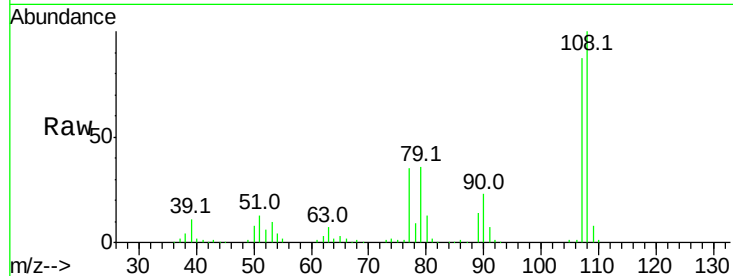
#17  
2-Methylphenol  
Concen: 10.49 ng  
RT: 7.09 min Scan# 455  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

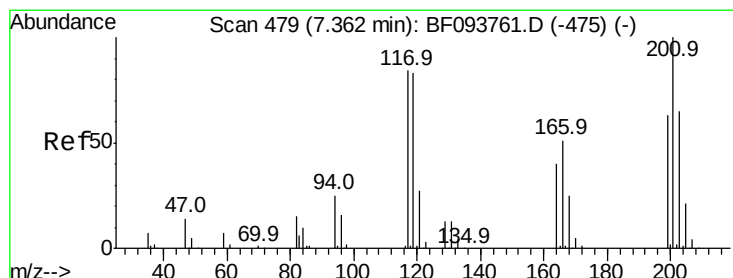
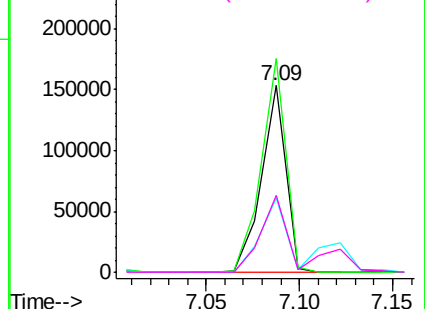
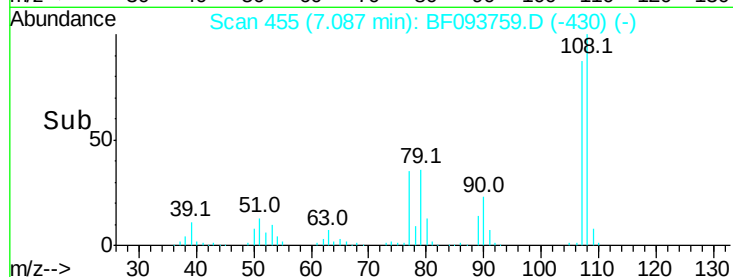
| Tot Ion   | 107   | Resp  | 136704 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.5 | 93.4  | 140.0  |
| 77        | 40.1  | 35.8  | 53.6   |
| 79        | 41.1  | 34.8  | 52.2   |

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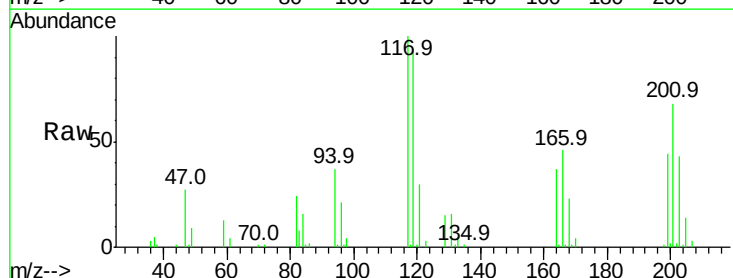


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

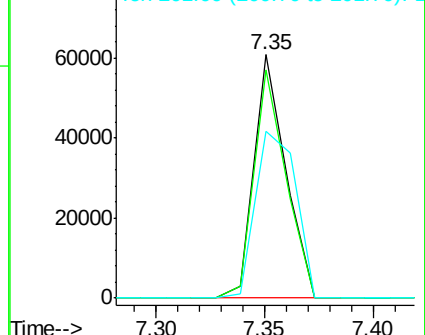
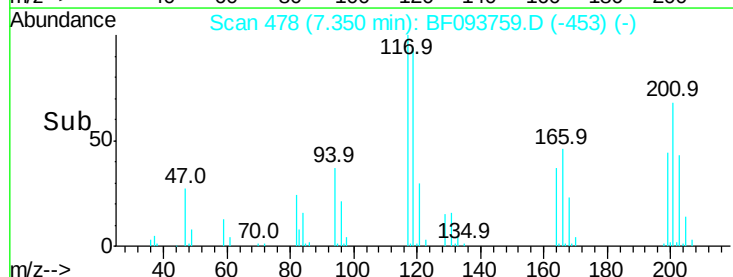


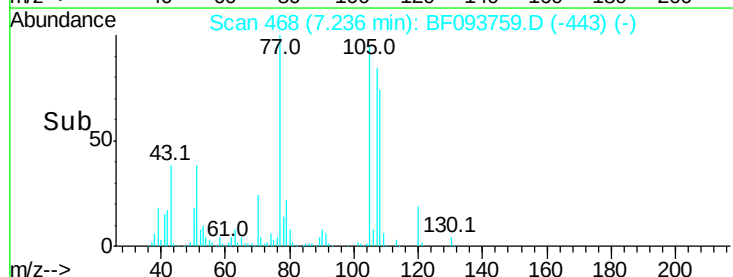
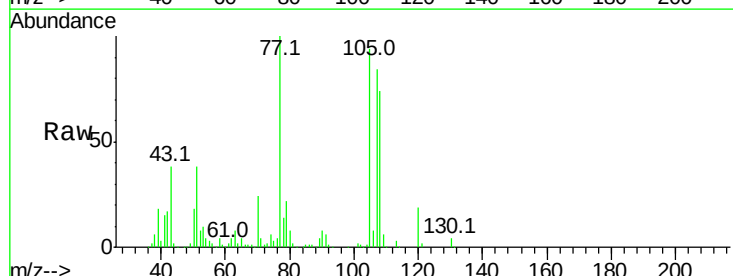
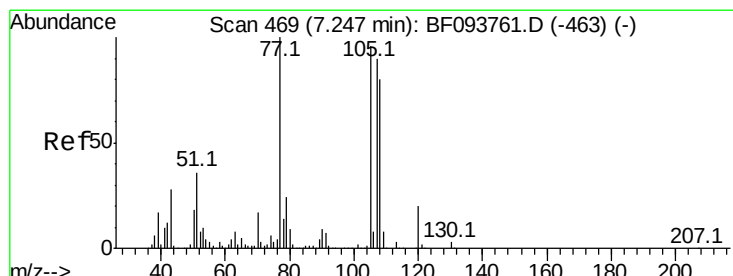
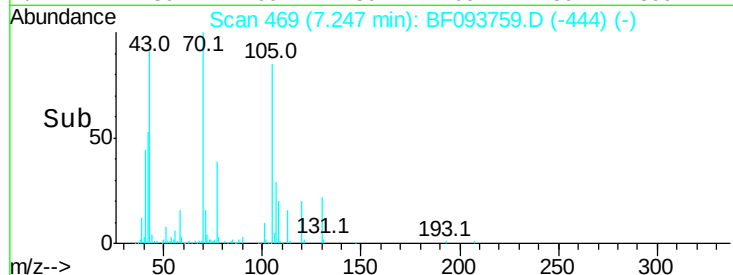
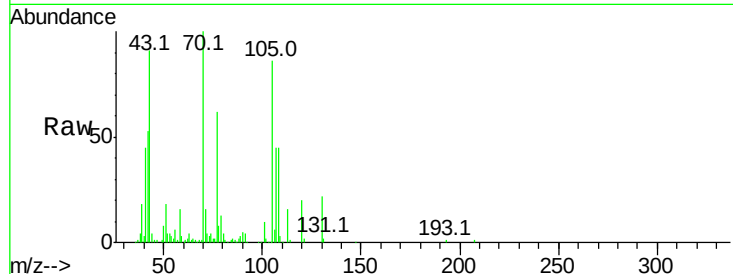
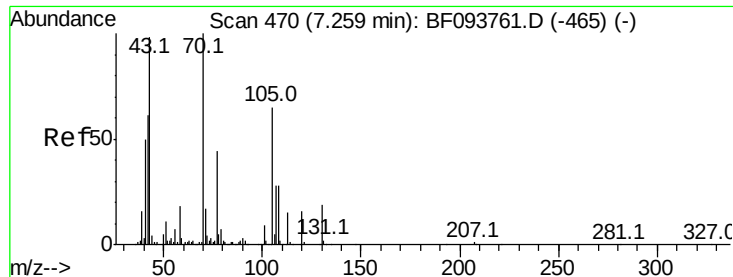
#18  
Hexachloroethane  
Concen: 10.13 ng  
RT: 7.35 min Scan# 478  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion   | 117   | Resp  | 61425  |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 93.9  | 77.4  | 116.0  |
| 201       | 68.4  | 94.6  | 141.8# |



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





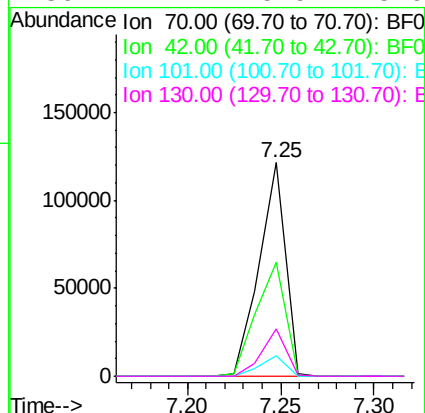
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.65 ng  
RT: 7.25 min Scan# 469  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.3  | 47.2  | 70.8  |
| 101     | 9.7   | 7.2   | 10.8  |
| 130     | 22.1  | 15.9  | 23.9  |

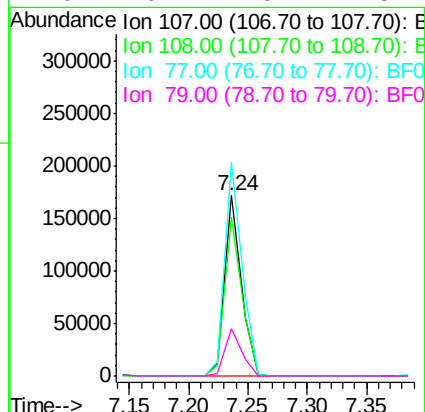
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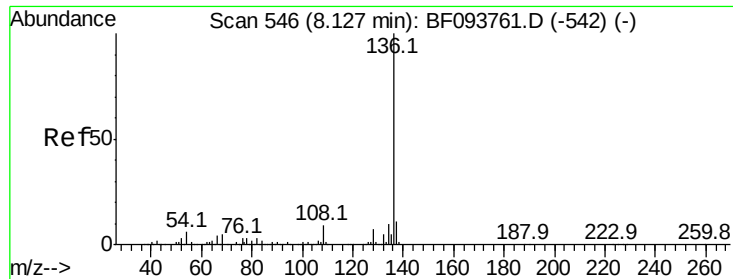
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#20  
3+4-Methylphenols  
Concen: 10.69 ng  
RT: 7.24 min Scan# 468  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.8  | 71.0  | 111.0 |
| 77      | 118.5 | 90.5  | 130.5 |
| 79      | 26.2  | 8.4   | 48.4  |





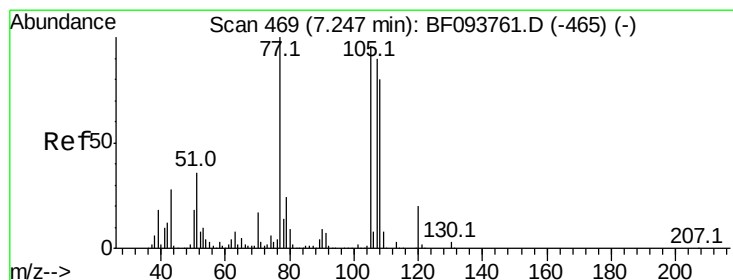
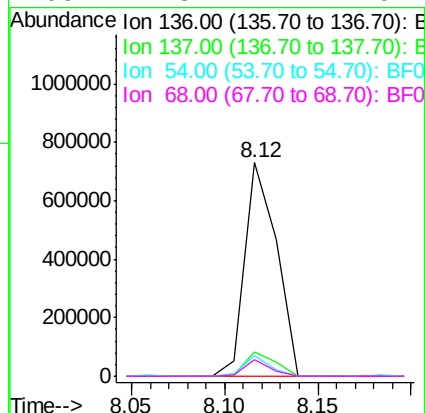
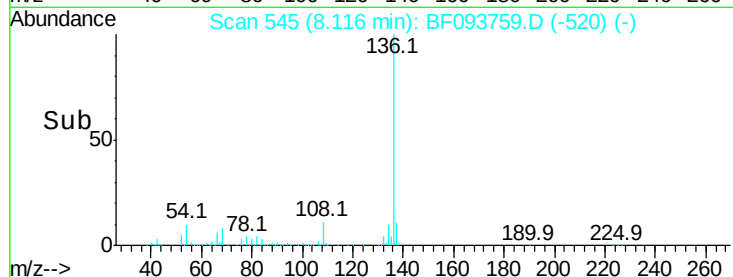
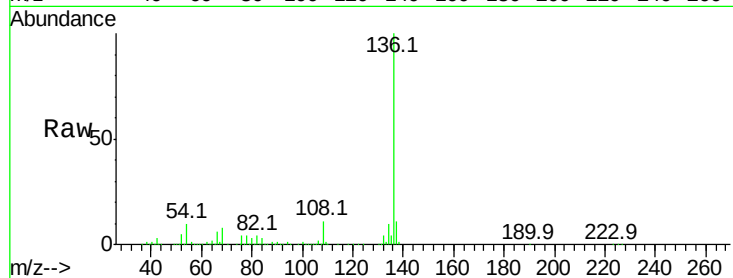
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.12 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 8.5  | 12.7  |       |
| 54      | 9.7   | 4.9  | 7.3   |       |
| 68      | 7.8   | 4.1  | 6.1   |       |

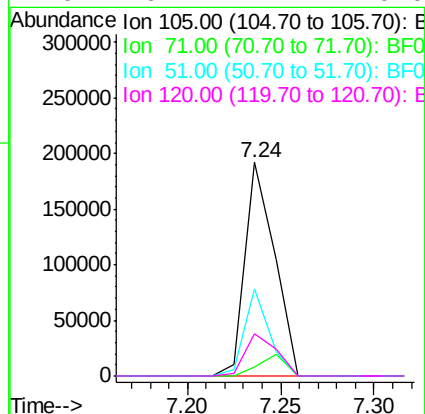
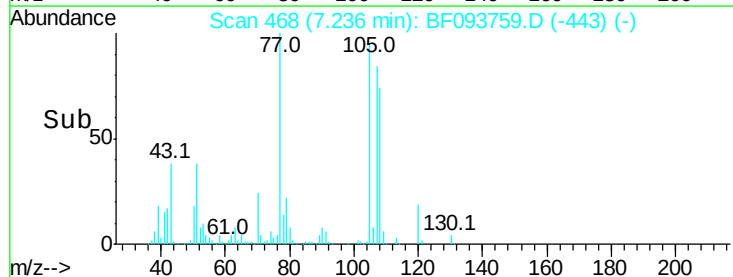
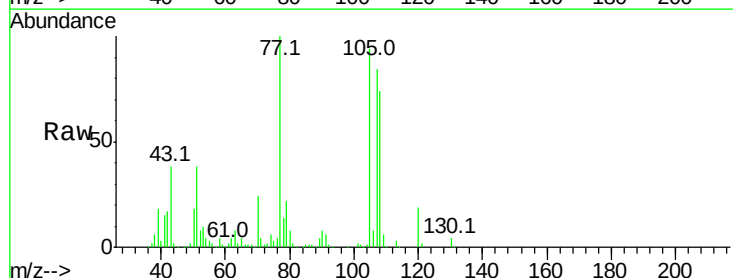
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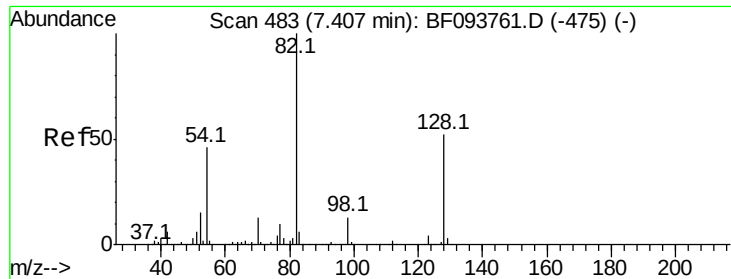
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#22  
Acetophenone  
Concen: 11.02 ng  
RT: 7.24 min Scan# 468  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.4   | 2.8  | 4.2   |       |
| 51      | 40.5  | 30.7 | 46.1  |       |
| 120     | 20.1  | 17.4 | 26.0  |       |





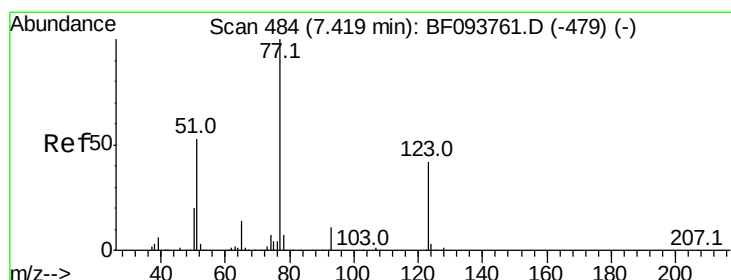
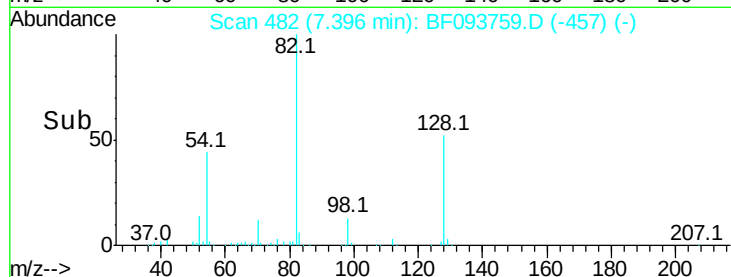
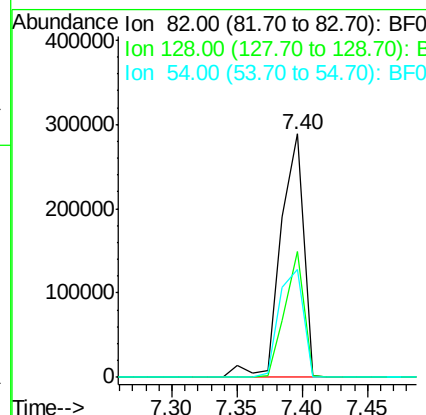
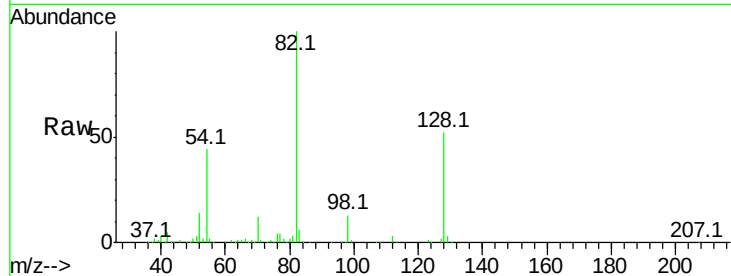
#23  
 Nitrobenzene-d5  
 Concen: 24.39 ng  
 RT: 7.40 min Scan# 482  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 348718 |       |       |
| 128     | 51.9  | 34.0   | 51.0# |       |
| 54      | 44.5  | 42.2   | 63.2  |       |

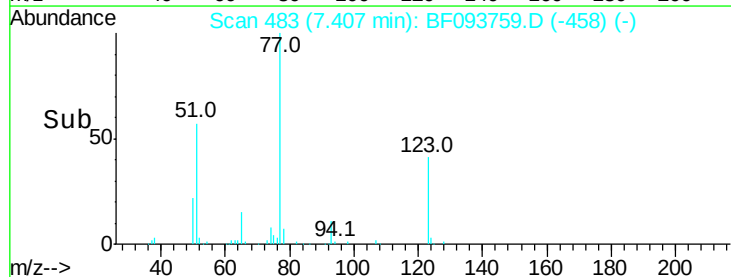
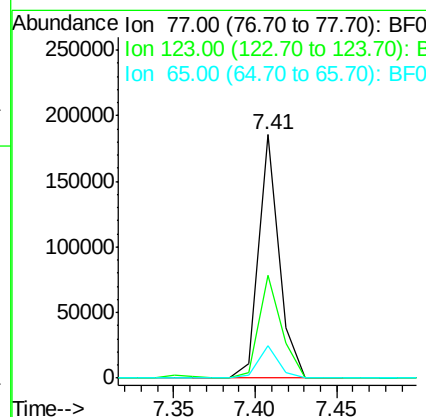
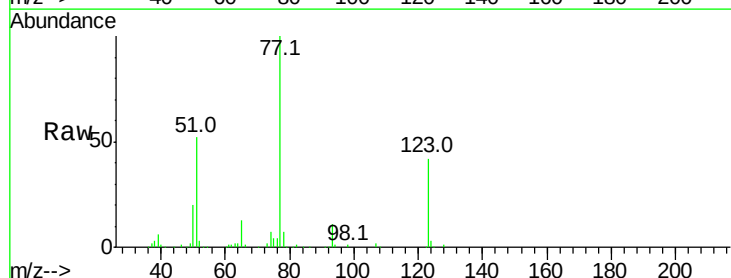
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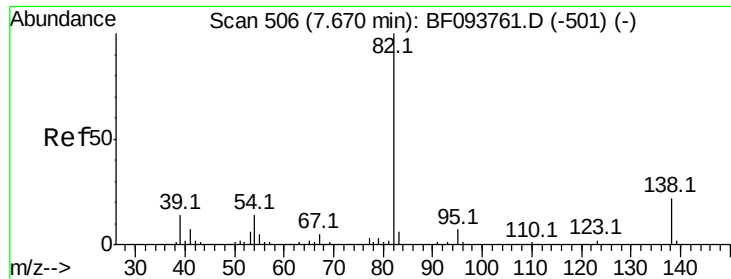


#24  
 Nitrobenzene  
 Concen: 10.48 ng  
 RT: 7.41 min Scan# 483  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 162050 |       |       |
| 123     | 42.3  | 35.8   | 53.8  |       |
| 65      | 13.3  | 10.6   | 15.8  |       |







#25

Isophorone

Concen: 10.39 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

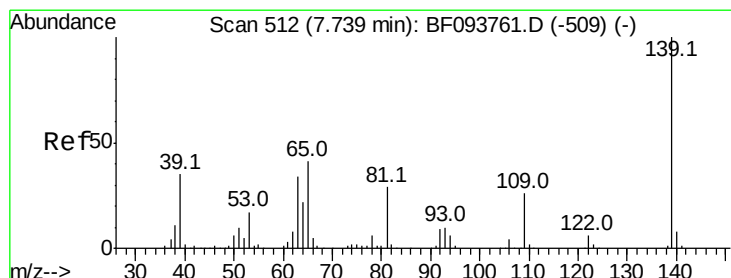
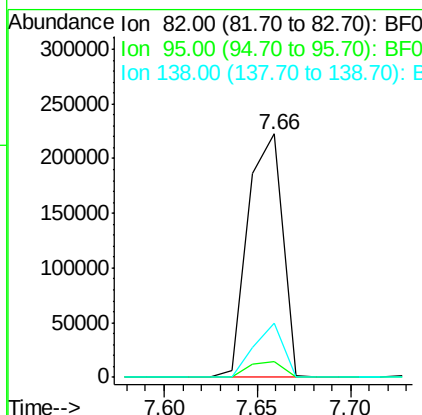
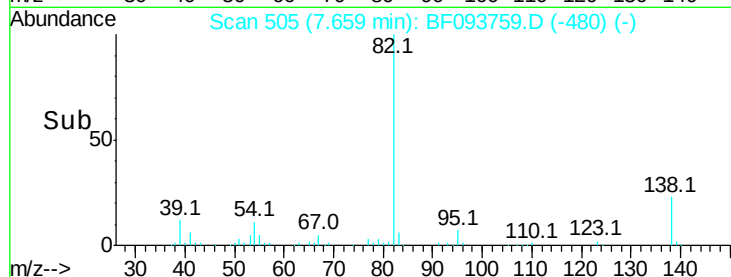
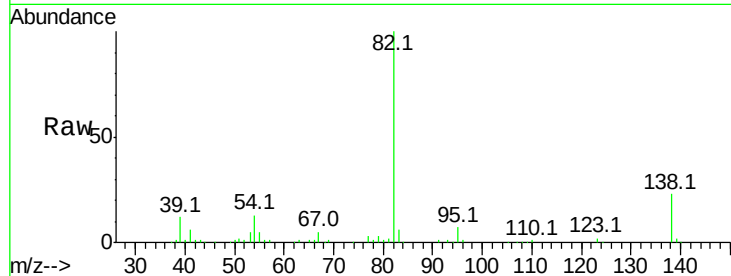
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 285900 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.3   | 7.9    |
| 138       | 22.5  | 13.1  | 19.7#  |

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#26

2-Nitrophenol

Concen: 10.34 ng

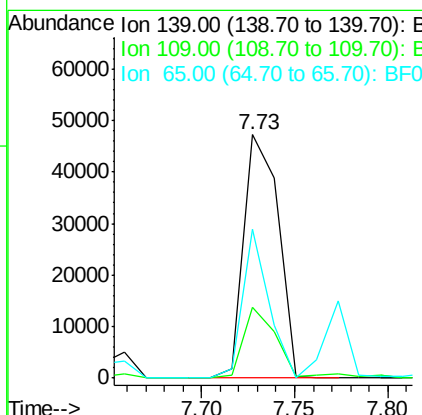
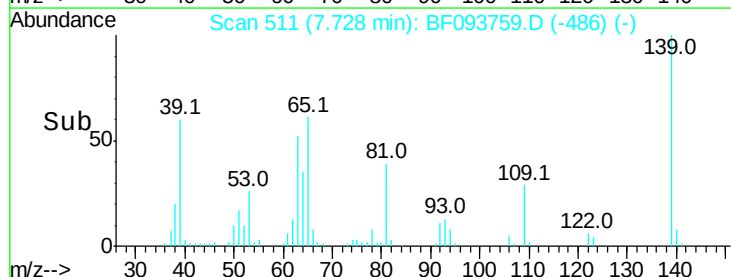
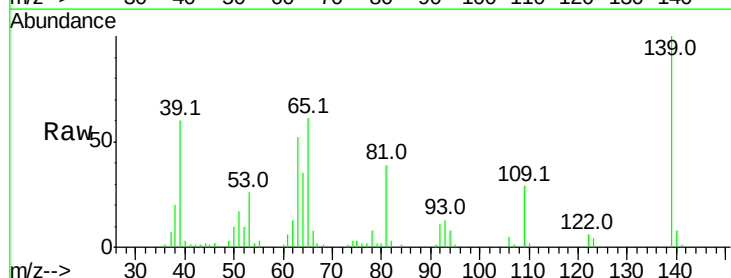
RT: 7.73 min Scan# 511

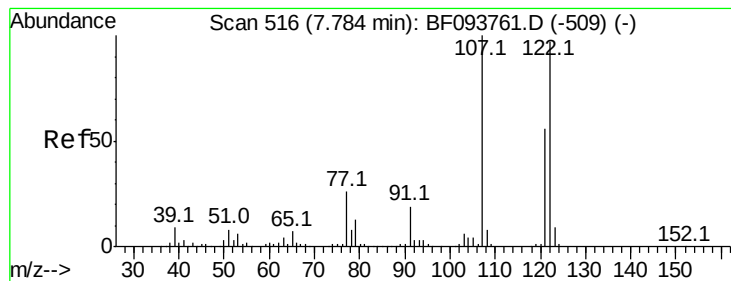
Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 60532 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 29.3  | 21.0  | 31.6  |
| 65        | 61.4  | 33.0  | 49.6# |





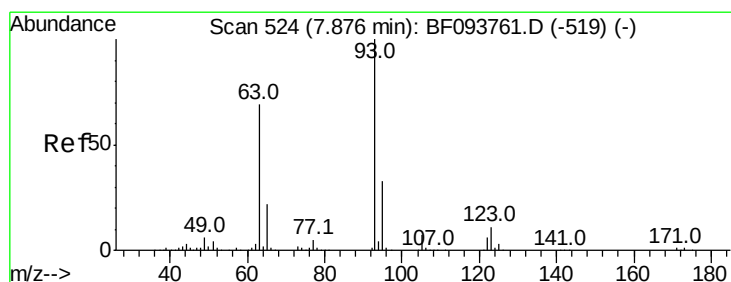
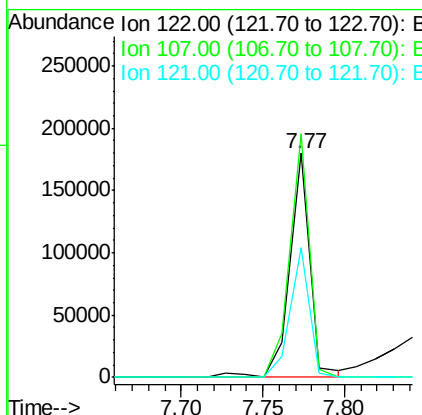
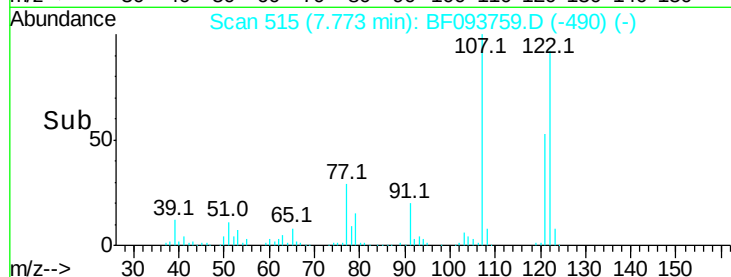
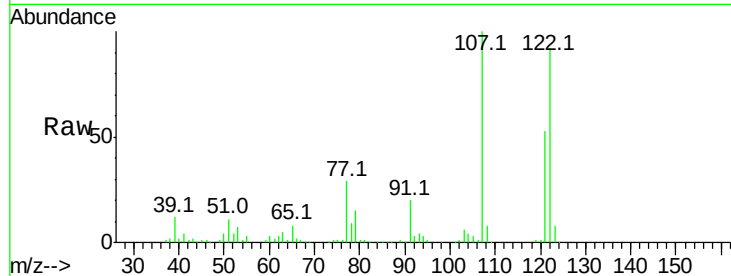
#27  
2,4-Dimethylphenol  
Concen: 11.57 ng  
RT: 7.77 min Scan# 515  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.6 | 89.2  | 133.8 |
| 121     | 57.9  | 45.2  | 67.8  |

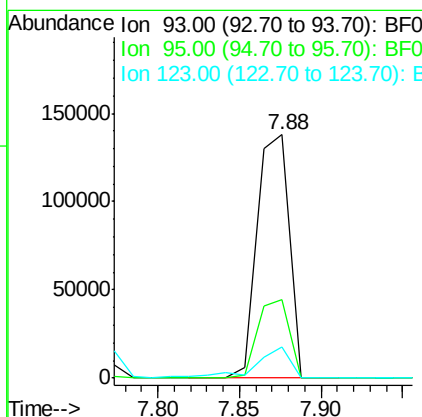
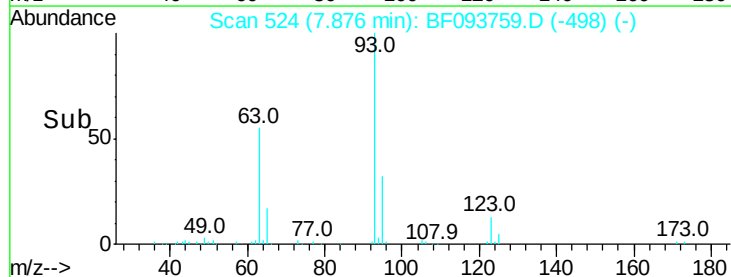
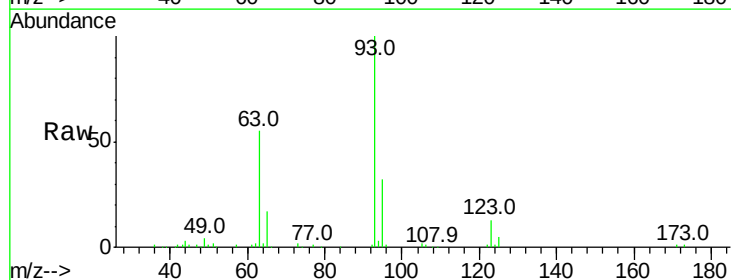
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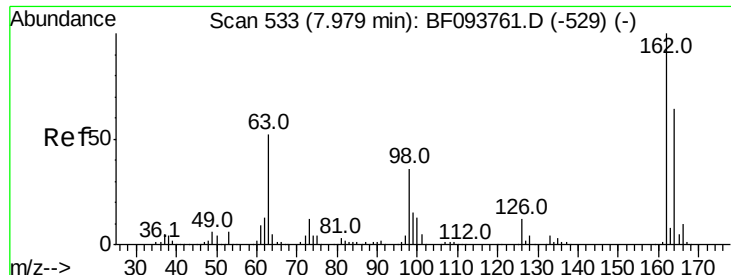
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#28  
bis(2-Chloroethoxy)methane  
Concen: 10.84 ng  
RT: 7.88 min Scan# 524  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 26.5  | 39.7  |
| 123     | 12.6  | 9.0   | 13.4  |





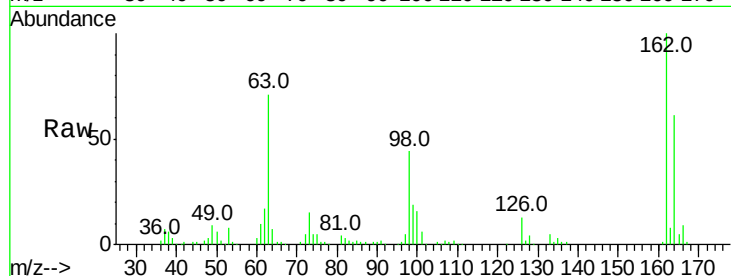
#29  
2,4-Dichlorophenol  
Concen: 10.62 ng  
RT: 7.97 min Scan# 532  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

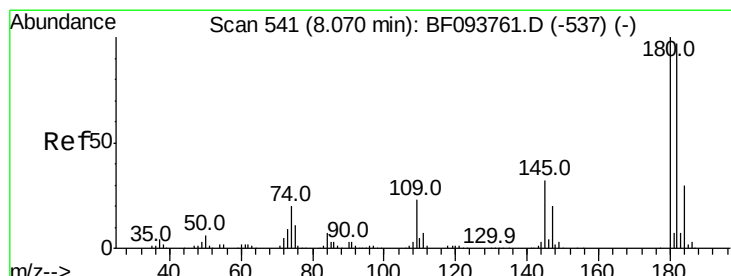
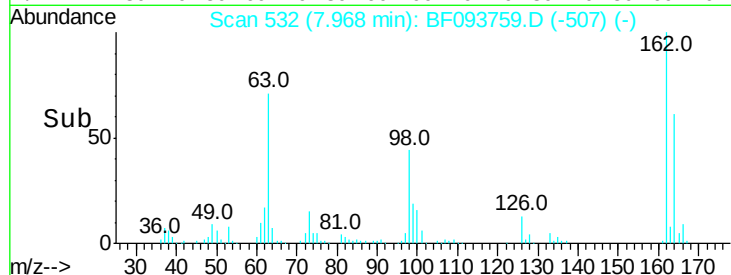
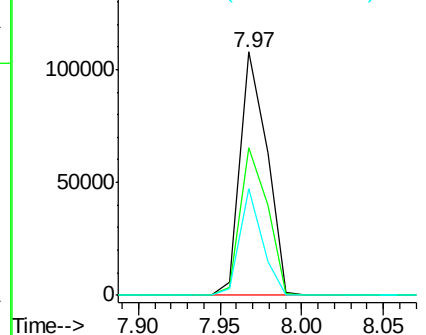
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 122213 |       |       |
| 164     | 60.7  | 44.6   | 84.6  |       |
| 98      | 43.9  | 14.8   | 54.8  |       |

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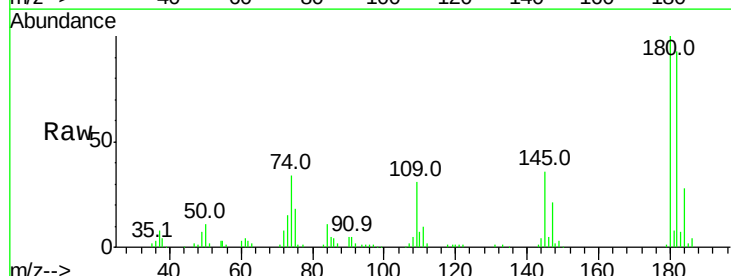


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

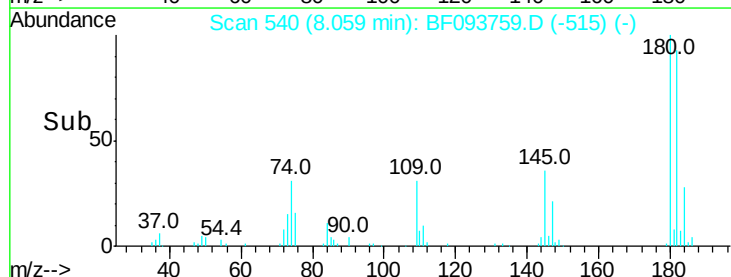
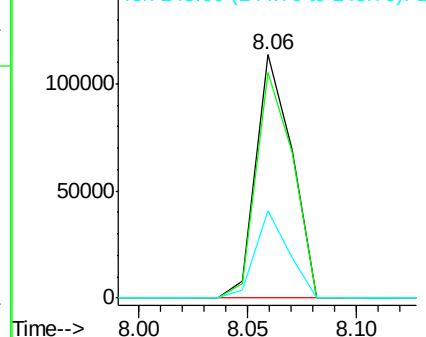


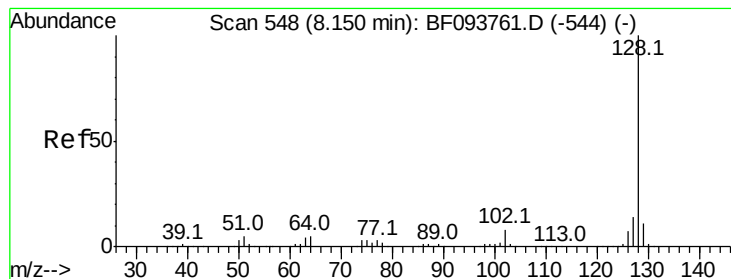
#30  
1,2,4-Trichlorobenzene  
Concen: 10.90 ng  
RT: 8.06 min Scan# 540  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 130713 |       |       |
| 182     | 92.9  | 75.8   | 113.6 |       |
| 145     | 35.7  | 25.3   | 37.9  |       |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.48 ng

RT: 8.14 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

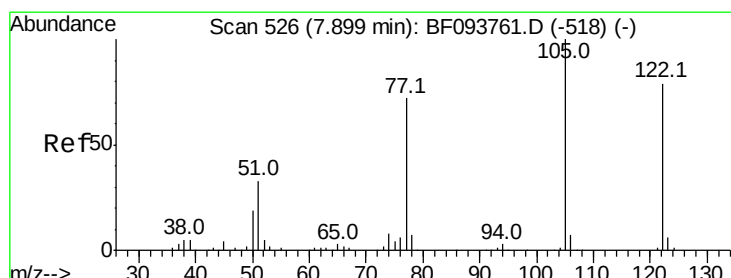
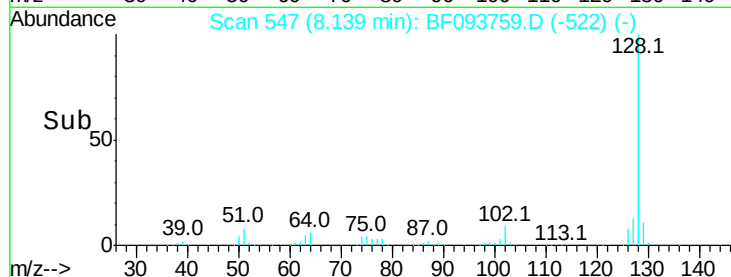
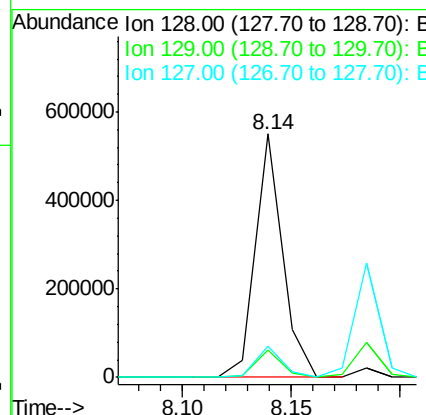
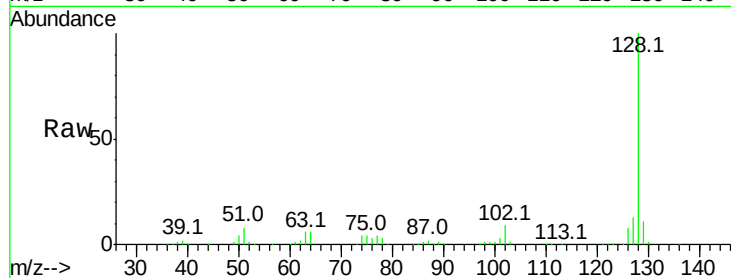
ClientSampleId :

SSTDICC010

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 480218    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.1  | 9.0 13.6  |
| 127         | 13.0  | 10.8 16.2 |

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#32

Benzoic acid

Concen: 9.98 ng

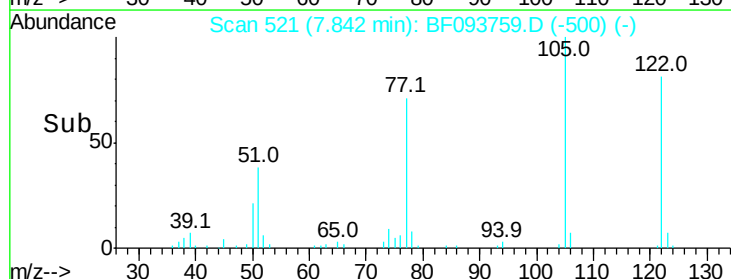
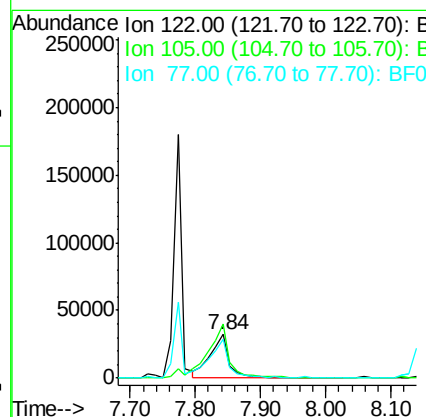
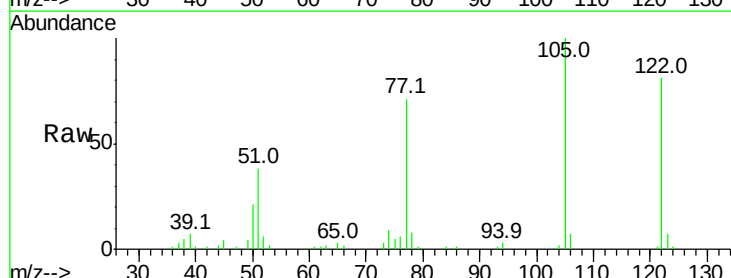
RT: 7.84 min Scan# 521

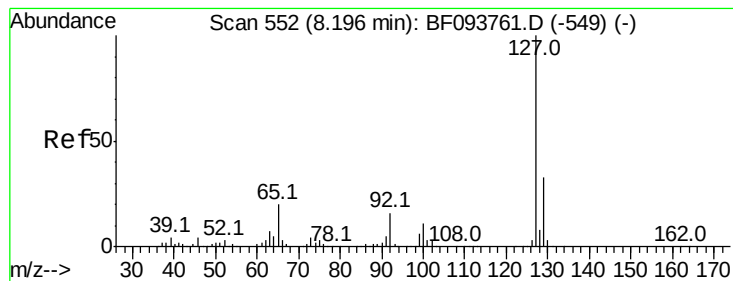
Delta R.T. -0.06 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 69952       |
| Ion Ratio   | Lower | Upper       |
| 122         | 100   |             |
| 105         | 123.3 | 103.3 143.3 |
| 77          | 87.4  | 73.7 113.7  |





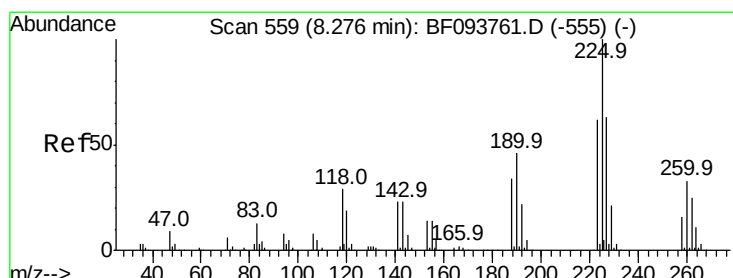
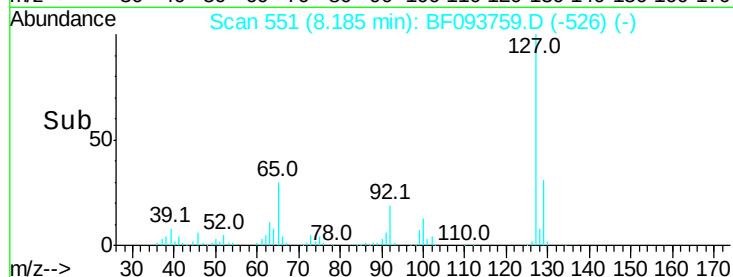
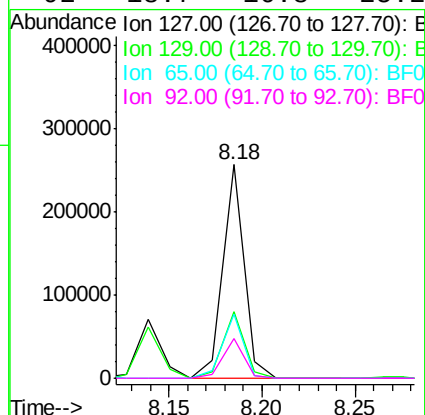
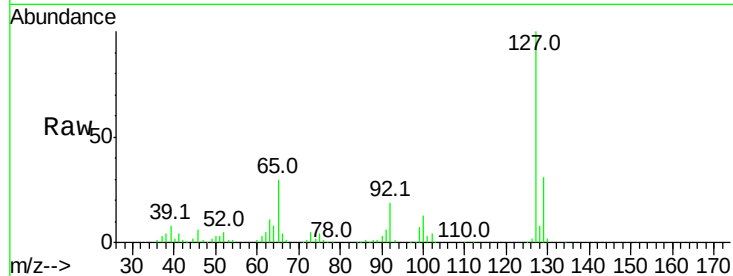
#33  
4-Chloroaniline  
Concen: 11.77 ng  
RT: 8.18 min Scan# 551  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.2  | 26.2  | 39.2  |
| 65      | 29.9  | 27.8  | 41.8  |
| 92      | 18.7  | 16.8  | 25.2  |

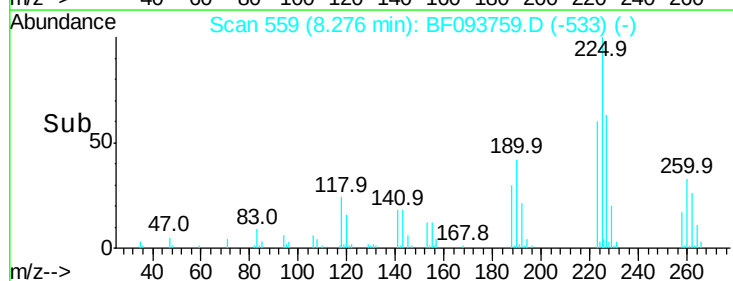
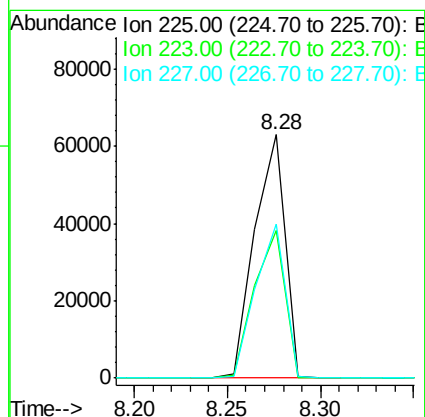
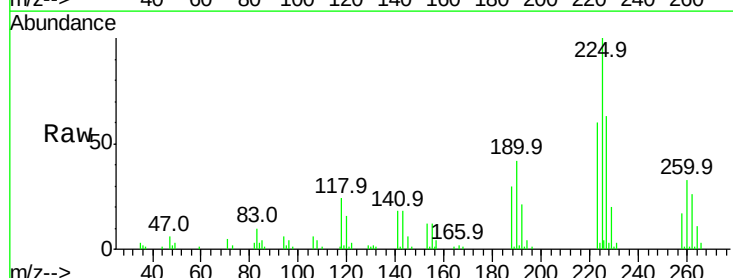
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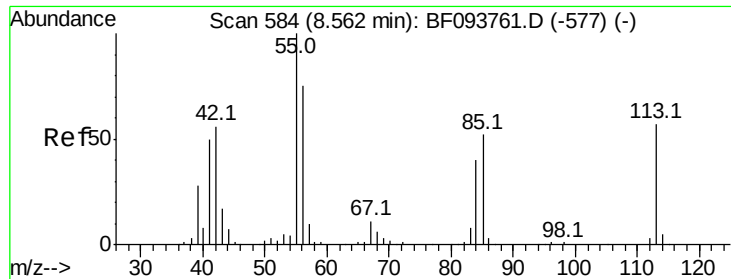
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#34  
Hexachlorobutadiene  
Concen: 11.22 ng  
RT: 8.28 min Scan# 559  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.4  | 48.8  | 73.2  |
| 227     | 63.1  | 51.1  | 76.7  |





#35

Caprolactam

Concen: 10.10 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.05 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

ClientSampleId :

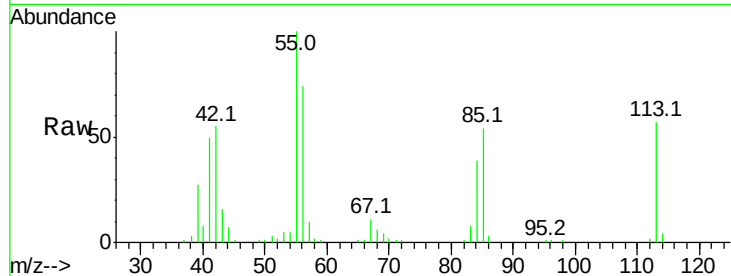
SSTDIC010

Tot Ion:113 Resp: 39024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 55  | 174.5 | 150.2 | 190.2 |
| 56  | 129.5 | 107.8 | 147.8 |

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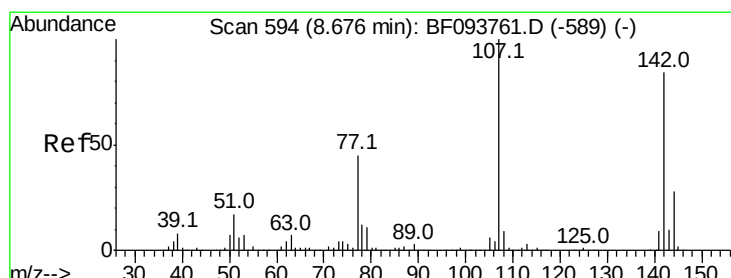
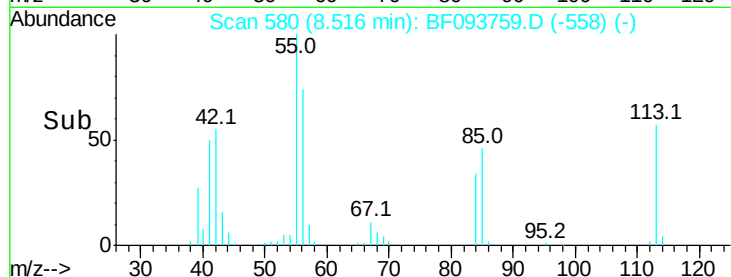
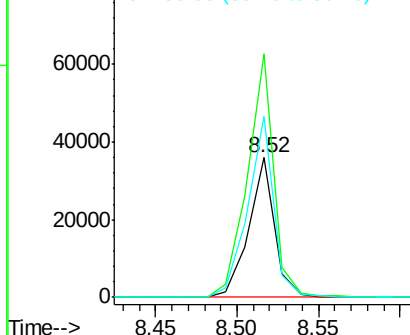
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 11.75 ng

RT: 8.66 min Scan# 593

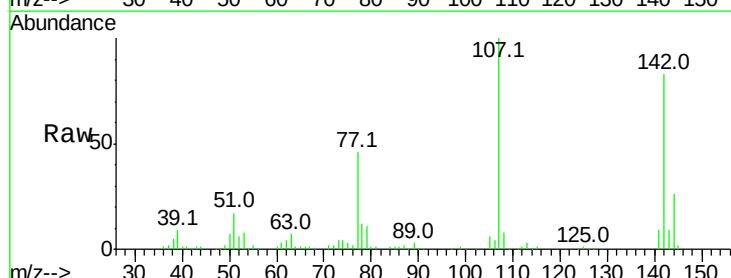
Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Tgt Ion:107 Resp: 142308

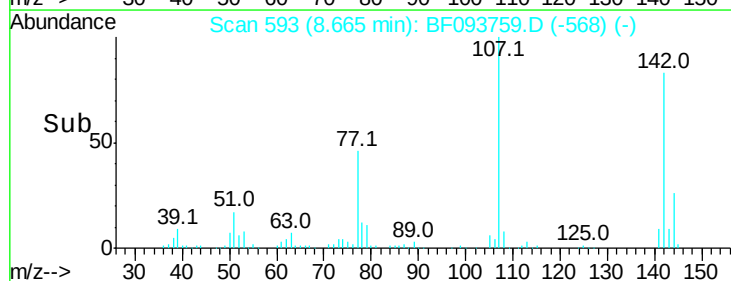
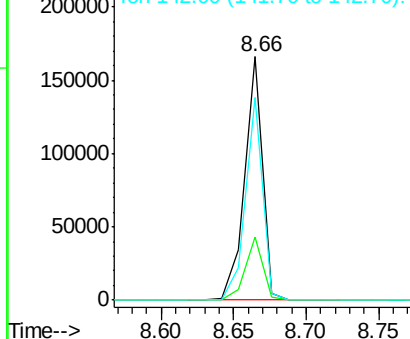
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 26.0  | 24.2  | 36.4  |
| 142 | 83.0  | 73.4  | 110.0 |

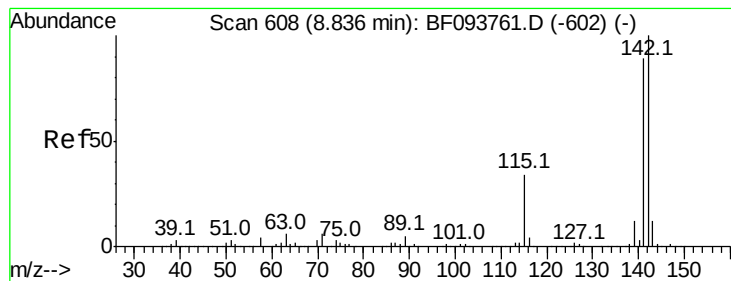


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.92 ng

RT: 8.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

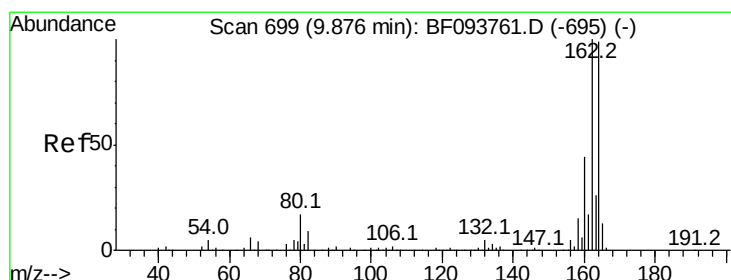
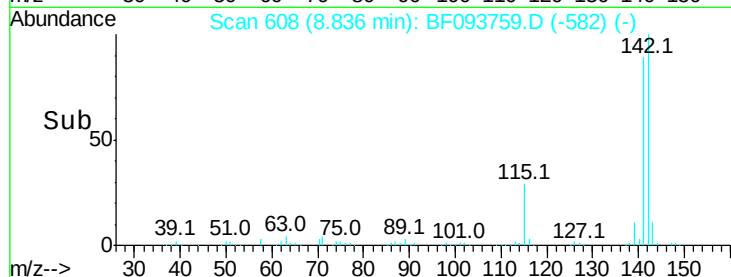
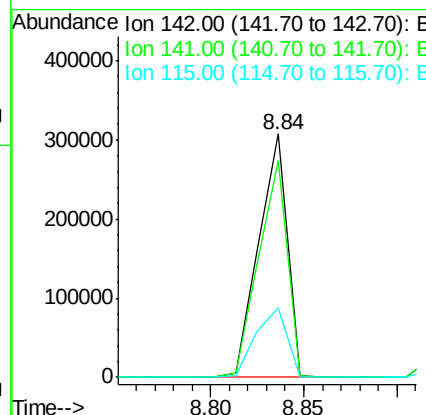
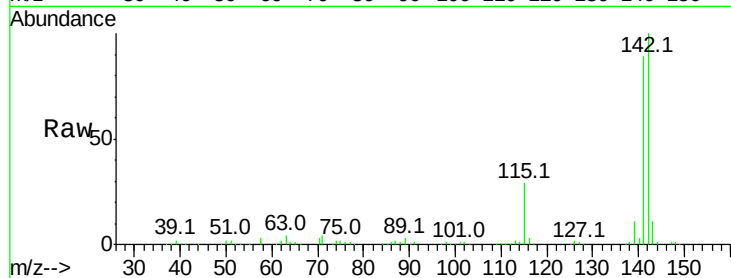
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 323107 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.8  | 71.3  | 106.9  |
| 115       | 28.7  | 27.1  | 40.7   |

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#38

Acenaphthene-d10

Concen: 20.00 ng

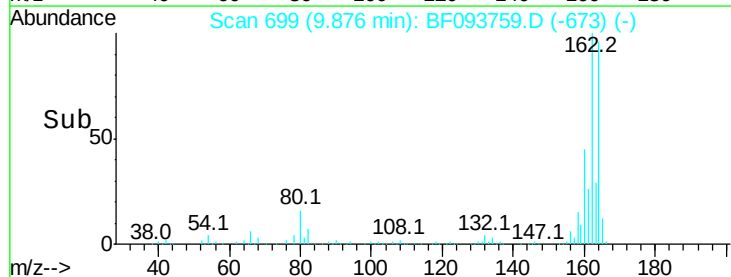
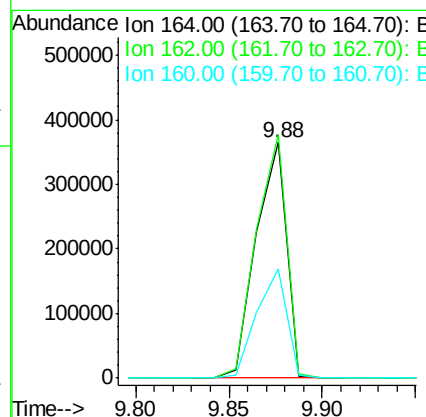
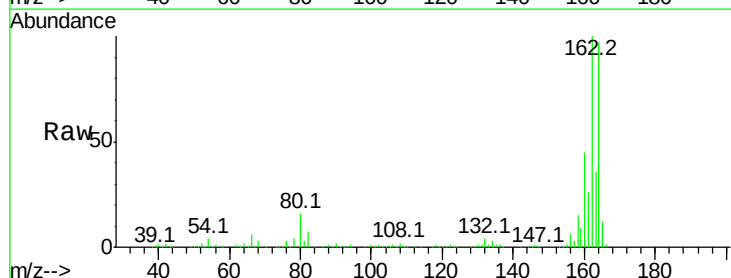
RT: 9.88 min Scan# 699

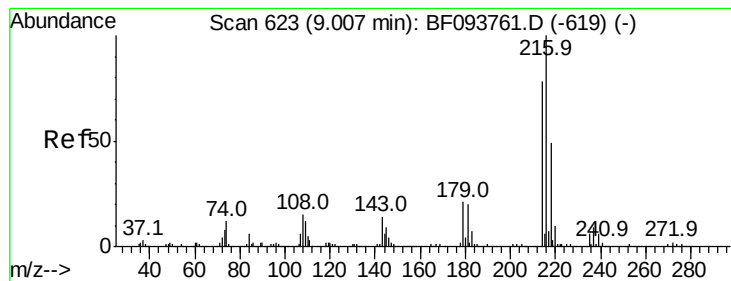
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 416768 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.4 | 82.6  | 123.8  |
| 160       | 46.2  | 36.2  | 54.2   |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.62 ng

RT: 9.00 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

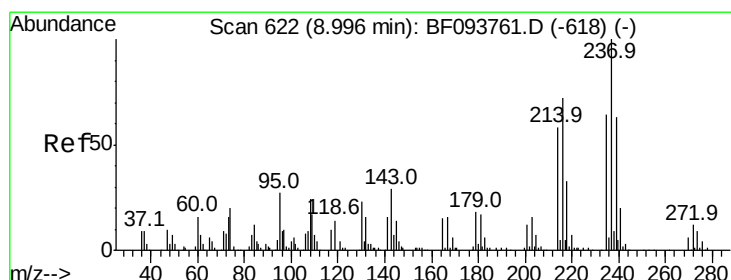
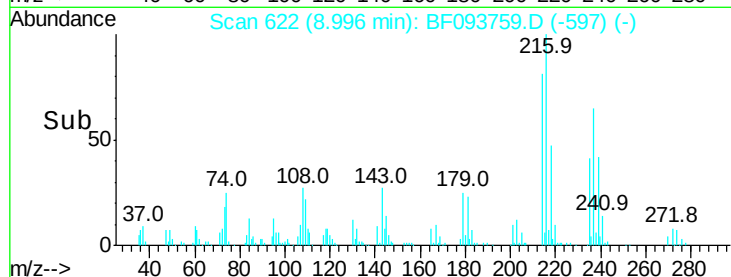
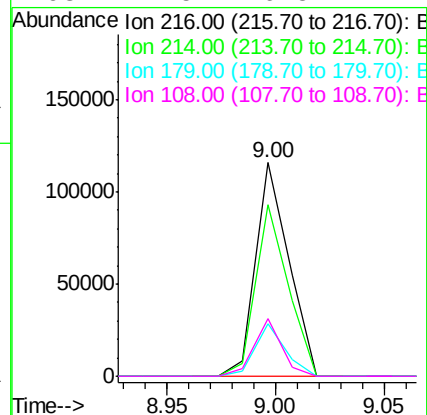
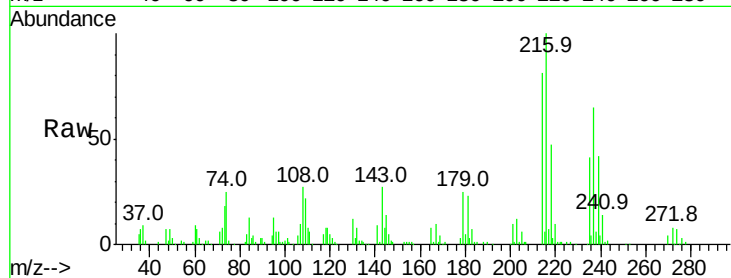
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 123164 |       |       |
| 214     | 78.8  | 63.4   | 95.2  |       |
| 179     | 22.6  | 17.9   | 26.9  |       |
| 108     | 22.5  | 16.5   | 24.7  |       |

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#40

Hexachlorocyclopentadiene

Concen: 12.95 ng

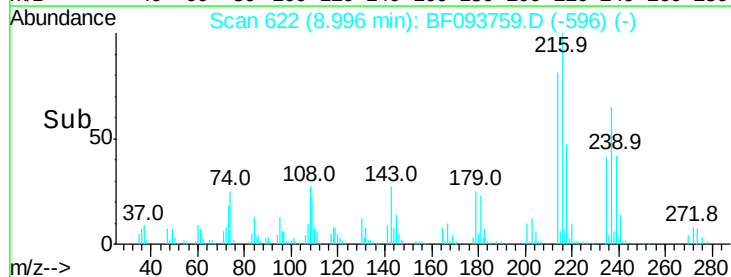
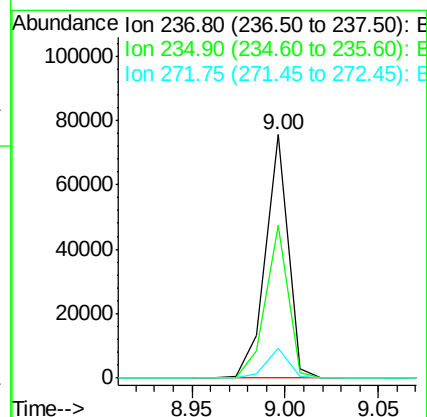
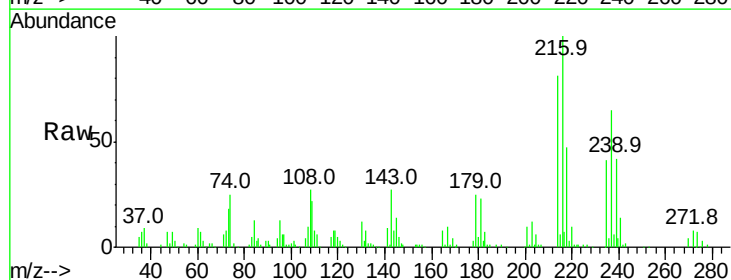
RT: 9.00 min Scan# 622

Delta R.T. 0.00 min

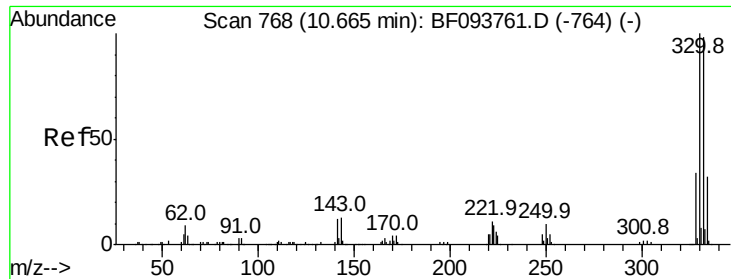
Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 63133 |       |       |
| 235     | 63.0  | 42.6  | 82.6  |       |
| 272     | 12.1  | 0.0   | 31.9  |       |







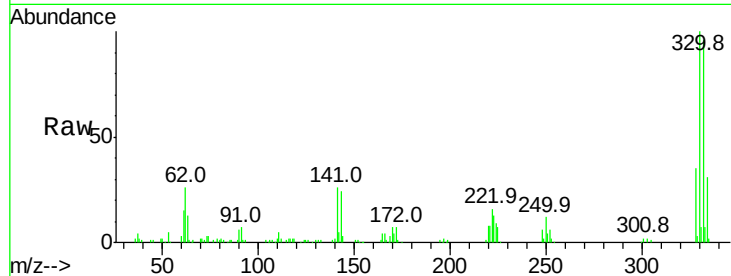
#41  
 2,4,6-Tribromophenol  
 Concen: 27.84 ng  
 RT: 10.65 min Scan# 767  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

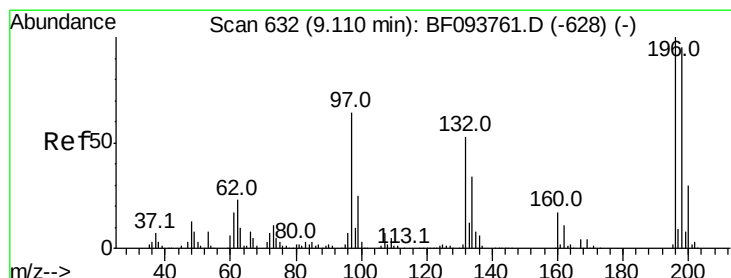
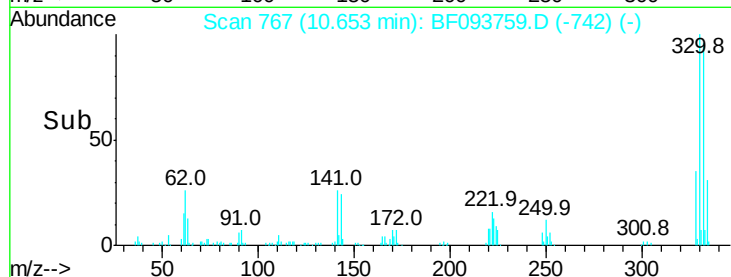
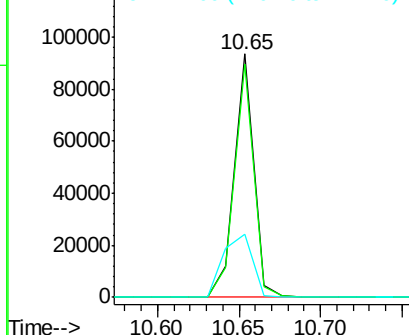
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.0  | 76.6 | 115.0 |       |
| 141     | 39.3  | 31.4 | 47.2  |       |

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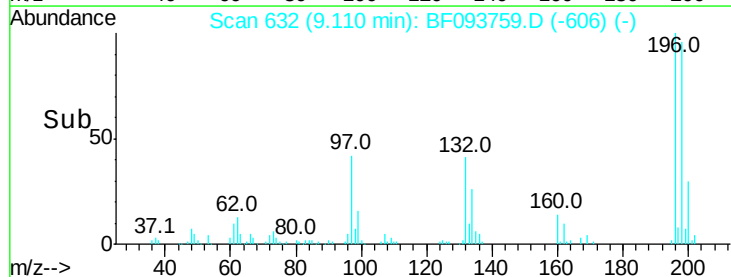
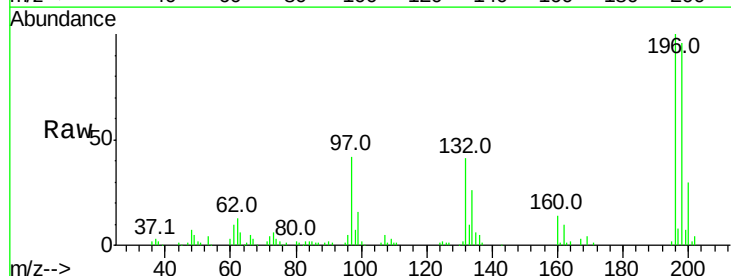
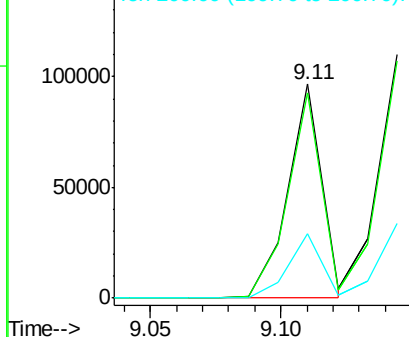
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

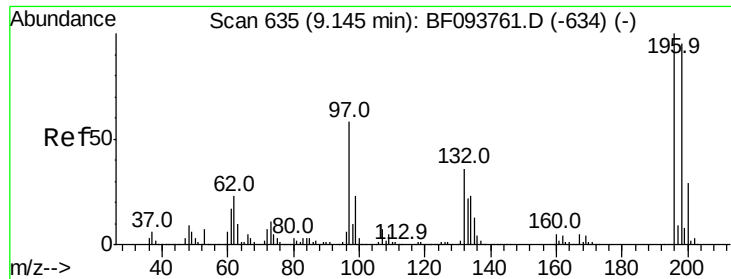


#42  
 2,4,6-Trichlorophenol  
 Concen: 12.09 ng  
 RT: 9.11 min Scan# 632  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.7  | 74.2 | 111.4 |       |
| 200     | 30.1  | 24.0 | 36.0  |       |

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





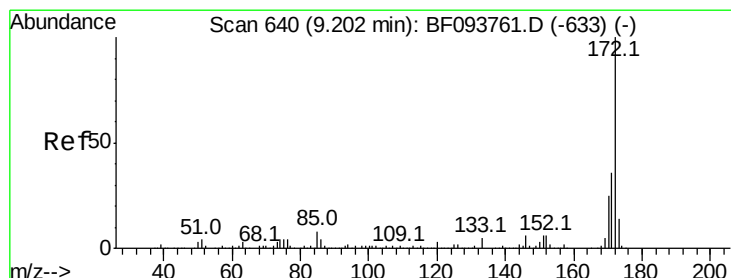
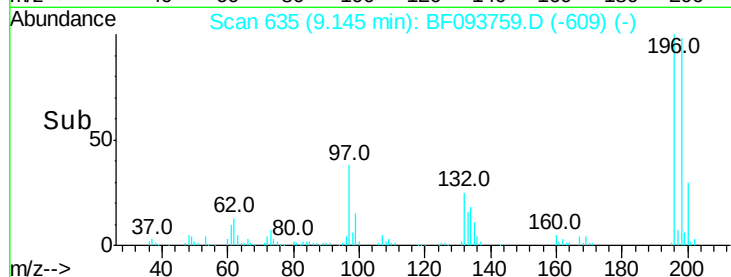
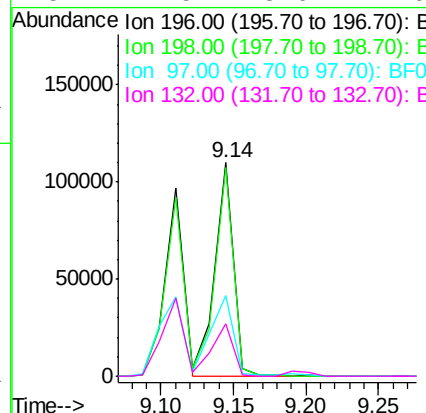
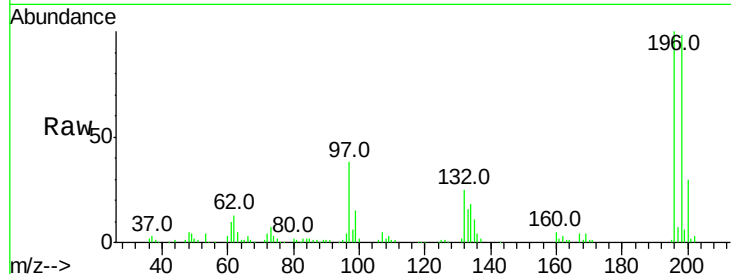
#43  
 2,4,5-Trichlorophenol  
 Concen: 13.21 ng  
 RT: 9.14 min Scan# 635  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 97969 |       |       |
| 198     | 97.6  |       | 75.7  | 113.5 |
| 97      | 37.9  |       | 47.7  | 71.5# |
| 132     | 24.5  |       | 28.0  | 42.0# |

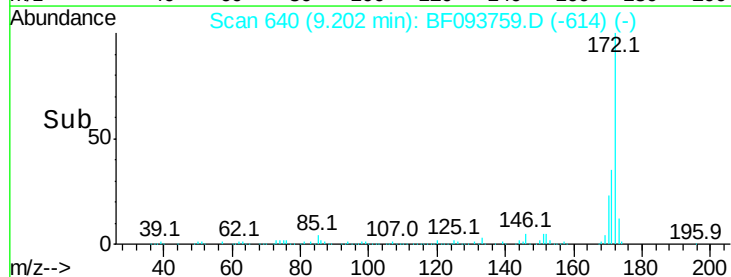
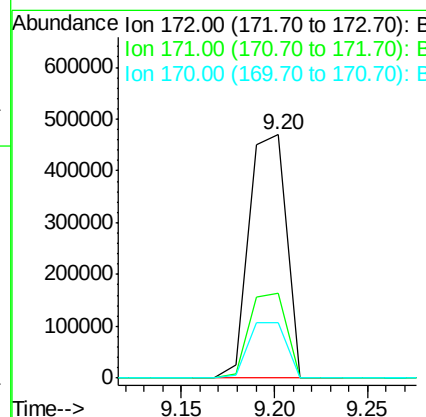
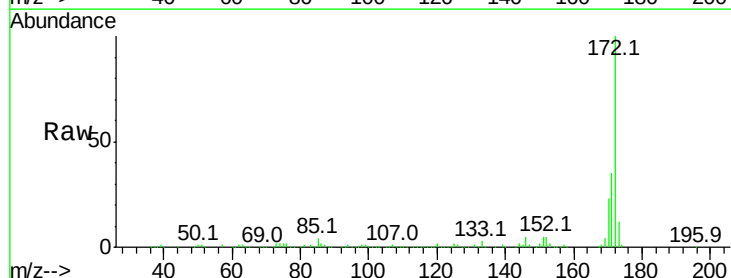
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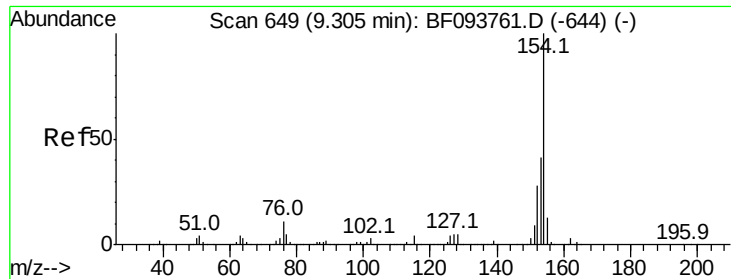
mohammad  
 3/21/2017 2:44:48 PM



#44  
 2-Fluorobiphenyl  
 Concen: 29.45 ng  
 RT: 9.20 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 650352 |       |       |
| 171     | 34.7  |        | 29.6  | 44.4  |
| 170     | 22.8  |        | 19.8  | 29.8  |





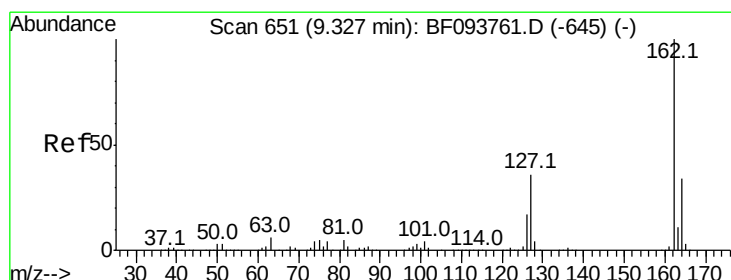
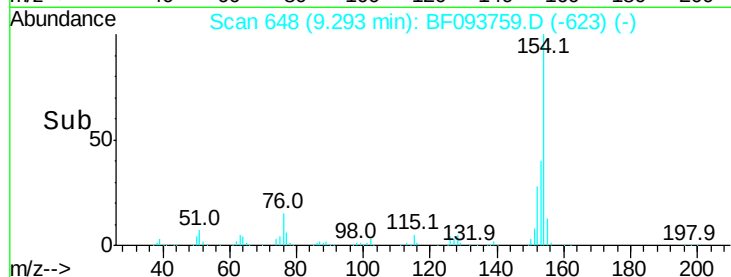
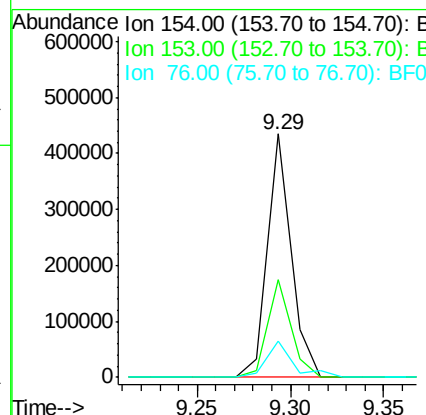
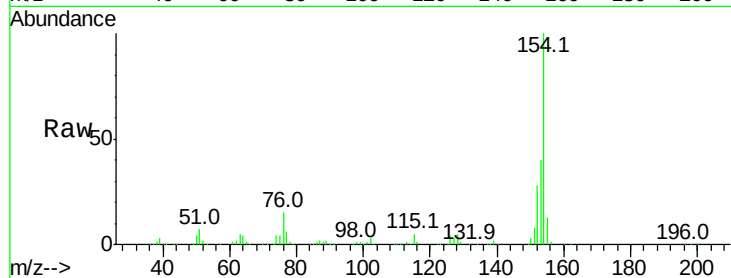
#45  
1,1'-Biphenyl  
Concen: 12.98 ng  
RT: 9.29 min Scan# 648  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.2  | 21.2 | 61.2  |       |
| 76      | 14.8  | 0.0  | 29.9  |       |

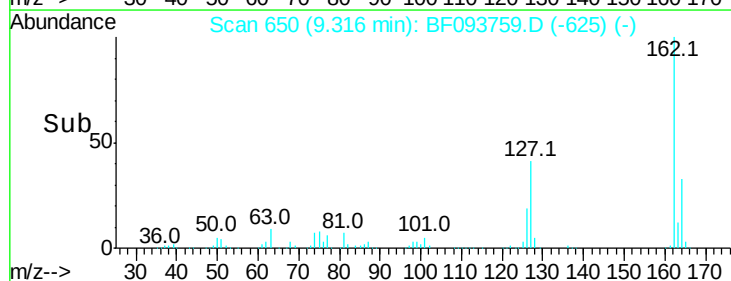
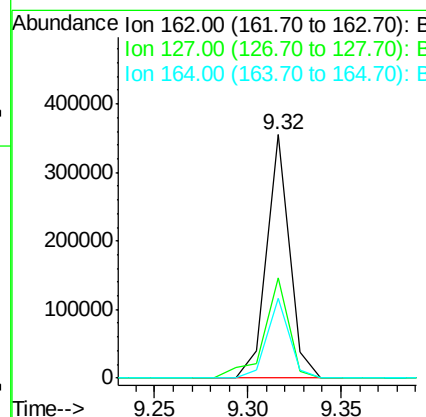
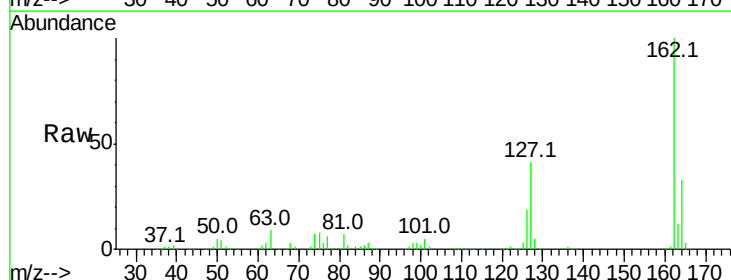
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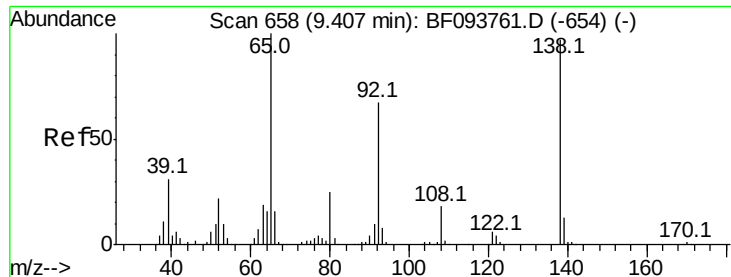
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#46  
2-Chloronaphthalene  
Concen: 12.71 ng  
RT: 9.32 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 41.0  | 28.3 | 42.5  |       |
| 164     | 32.9  | 27.0 | 40.4  |       |





#47

2-Nitroaniline

Concen: 11.80 ng

RT: 9.41 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tot Ion: 65 Resp: 80027

Ion Ratio Lower Upper

65 100

92 73.2 53.9 80.9

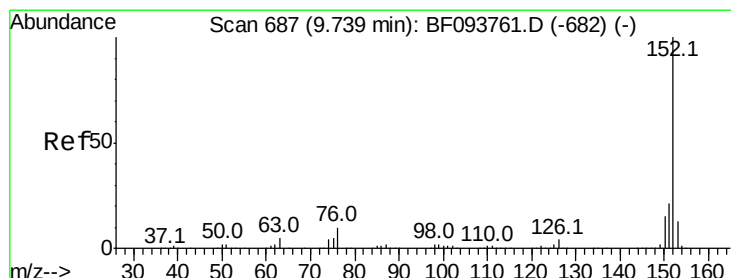
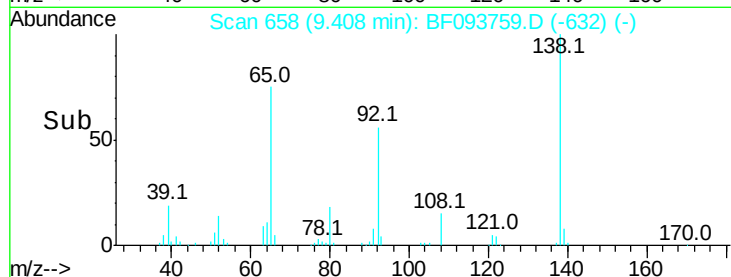
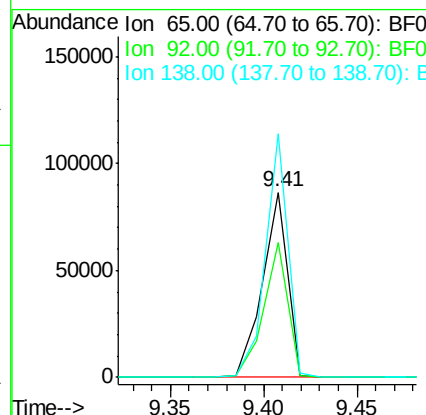
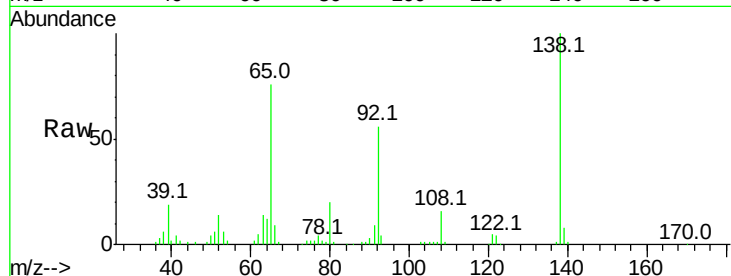
138 131.6 78.8 118.2#

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#48

Acenaphthylene

Concen: 12.59 ng

RT: 9.73 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

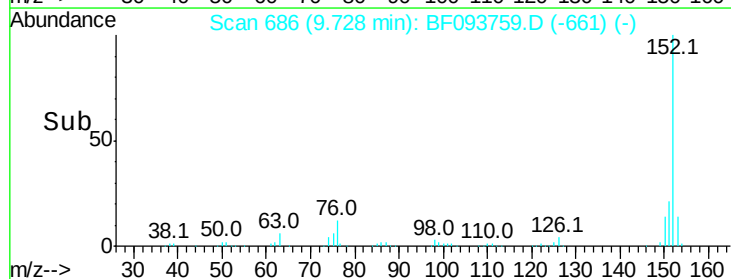
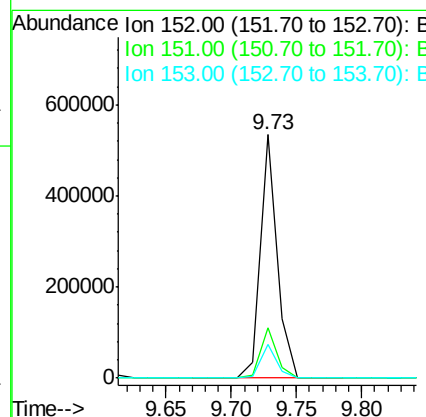
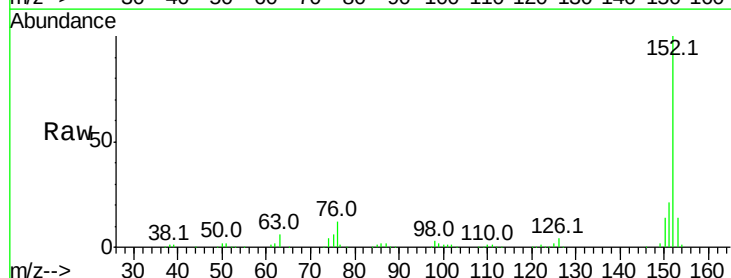
Tgt Ion: 152 Resp: 481616

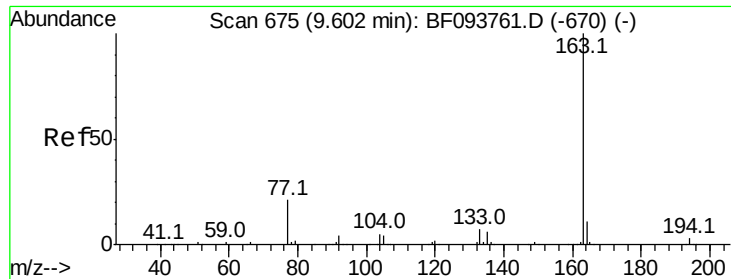
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 12.07 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

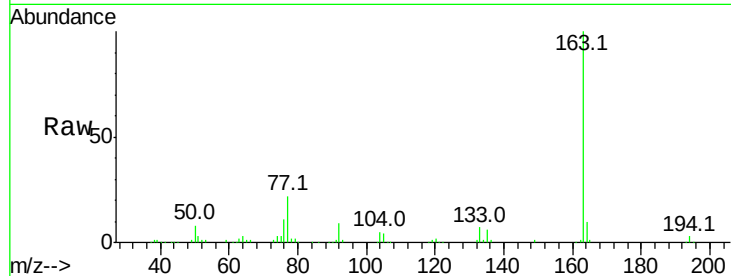
ClientSampleId :

SSTDIC010

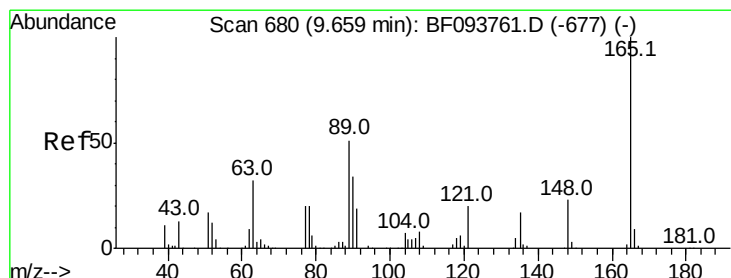
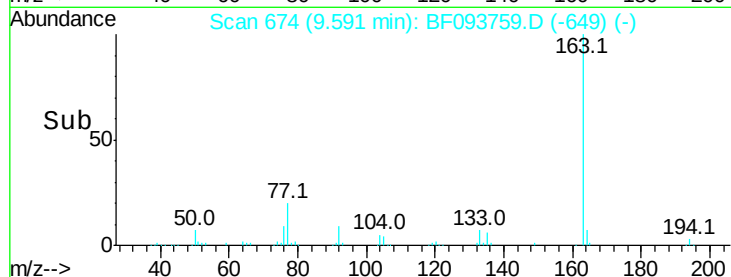
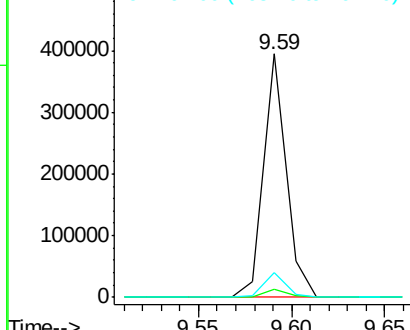
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 328600 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.6   | 4.0    |
| 164       | 10.0  | 8.4   | 12.6   |

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



#50

2,6-Dinitrotoluene

Concen: 11.88 ng

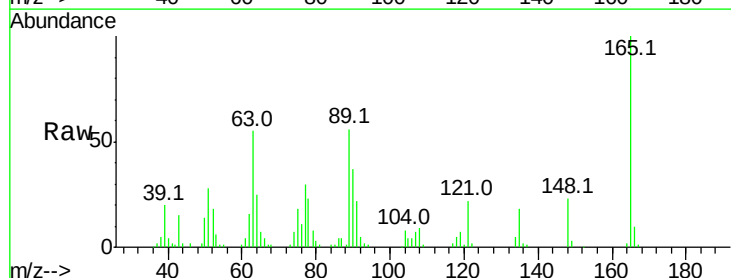
RT: 9.65 min Scan# 679

Delta R.T. -0.01 min

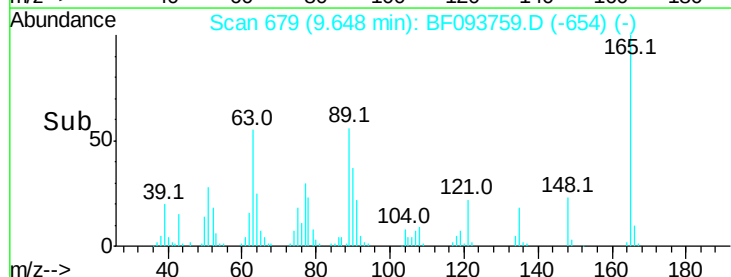
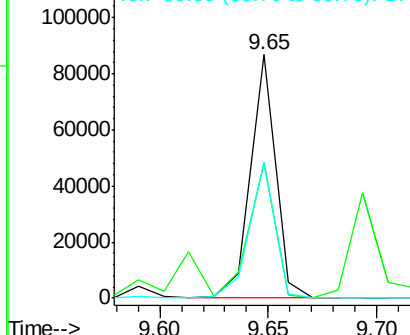
Lab File: BF093759.D

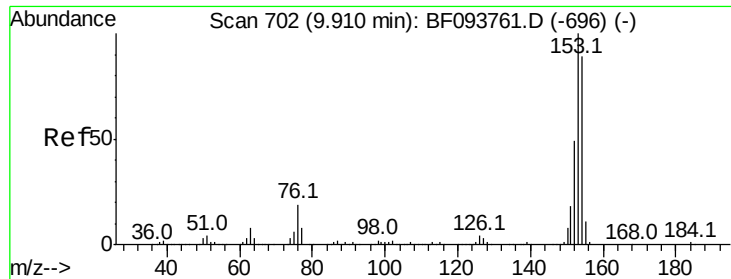
Acq: 20 Mar 2017 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 69855 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 55.3  | 34.3  | 51.5# |
| 89        | 55.7  | 37.1  | 55.7# |



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





#51

Acenaphthene

Concen: 12.36 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

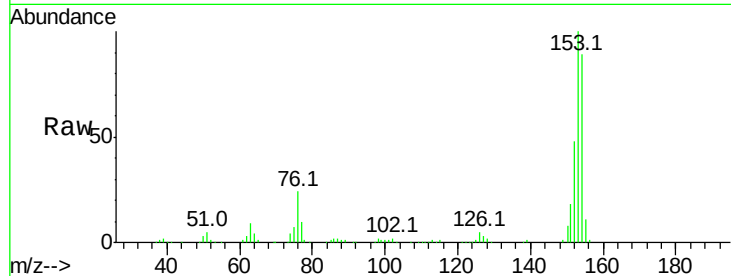
ClientSampleId :

SSTDICC010

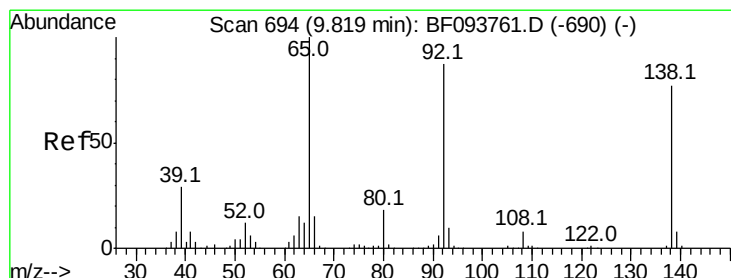
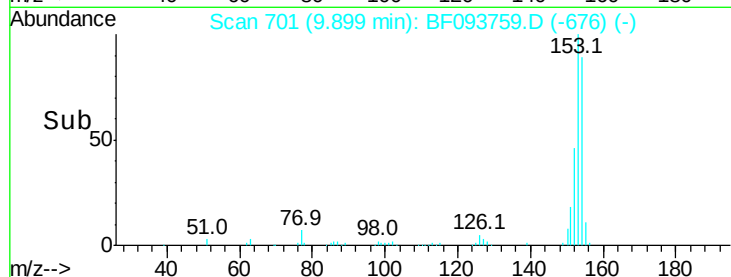
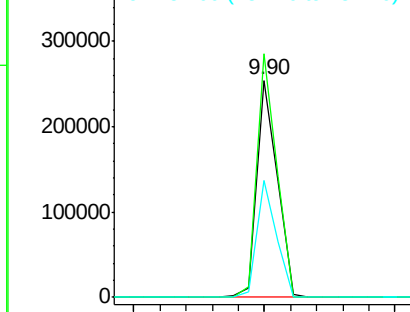
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 278431 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.3 | 90.5  | 135.7  |
| 152       | 54.1  | 43.6  | 65.4   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.08 ng

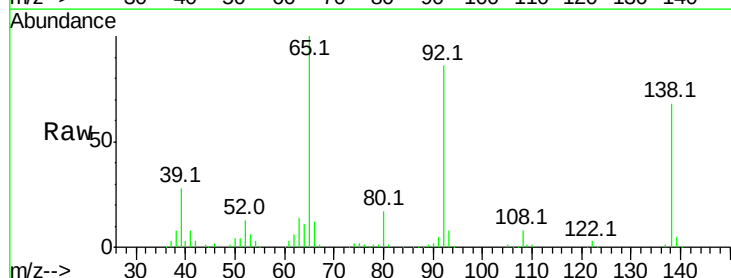
RT: 9.81 min Scan# 693

Delta R.T. -0.01 min

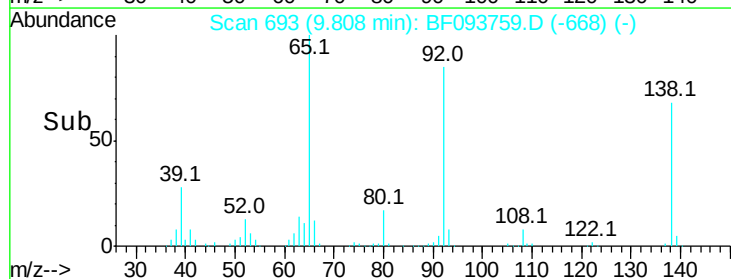
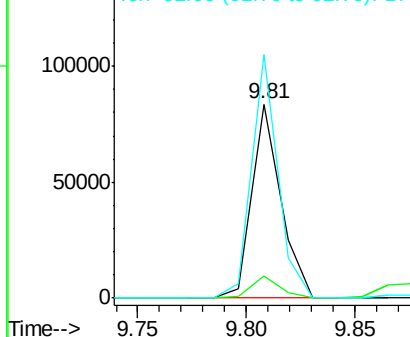
Lab File: BF093759.D

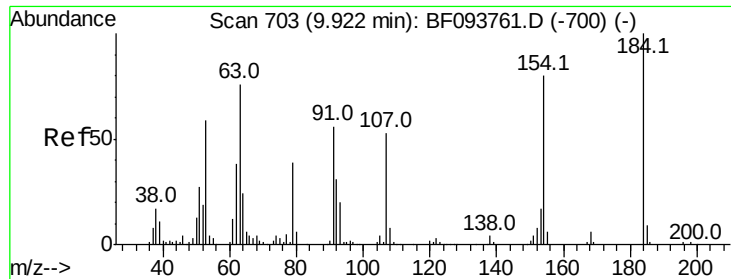
Acq: 20 Mar 2017 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 77267 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.4  | 9.1   | 13.7  |
| 92        | 125.3 | 93.8  | 140.6 |



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





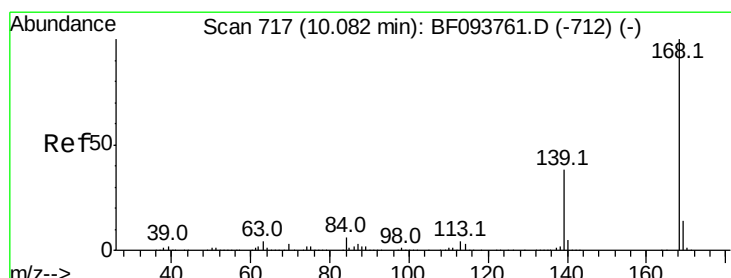
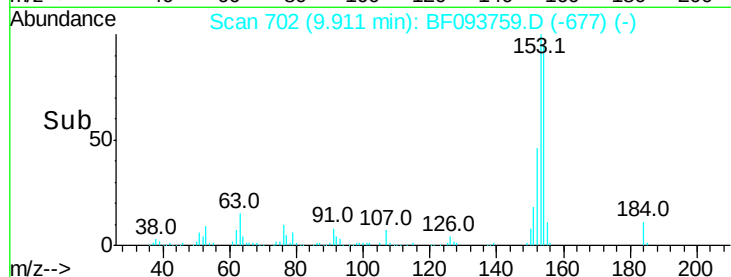
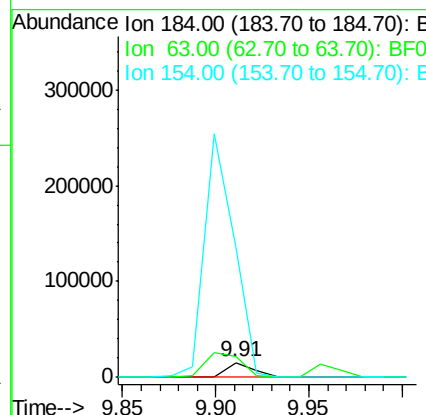
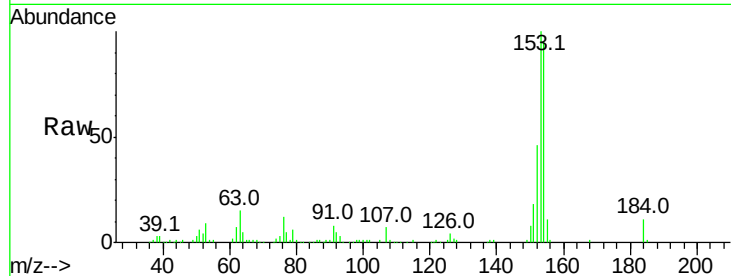
#53  
 2,4-Dinitrophenol  
 Concen: 9.20 ng  
 RT: 9.91 min Scan# 702  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 184     | 100   | 16114 |        |       |
| 63      | 138.9 | 62.7  | 94.1#  |       |
| 154     | 865.6 | 81.1  | 121.7# |       |

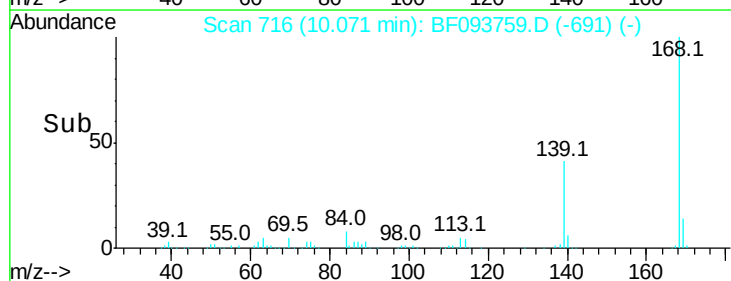
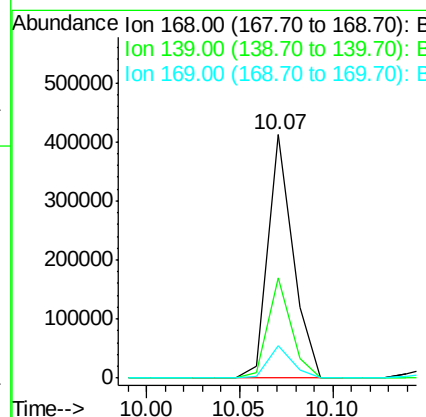
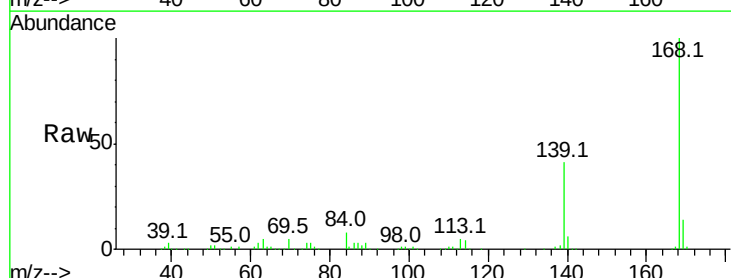
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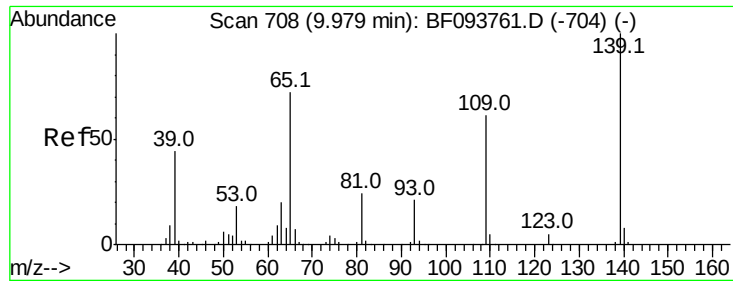
mohammad  
 3/21/2017 2:44:48 PM



#54  
 Dibenzofuran  
 Concen: 12.35 ng  
 RT: 10.07 min Scan# 716  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 378397 |       |       |
| 139     | 41.3  | 30.6   | 45.8  |       |
| 169     | 13.5  | 10.8   | 16.2  |       |





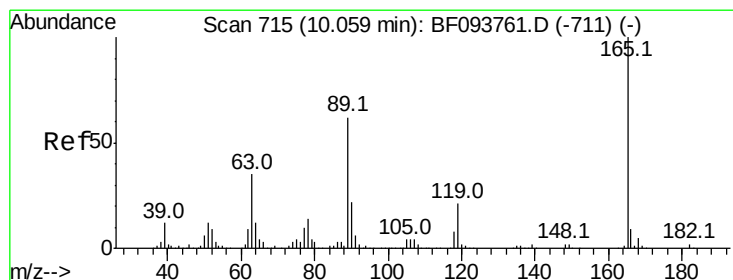
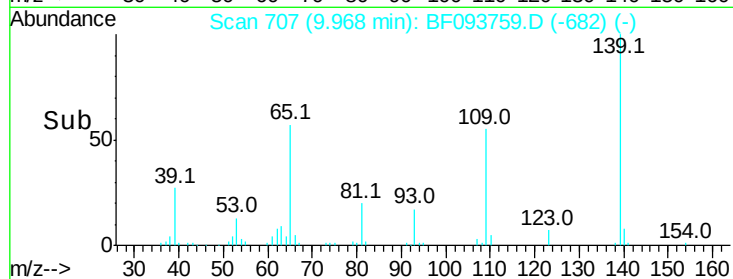
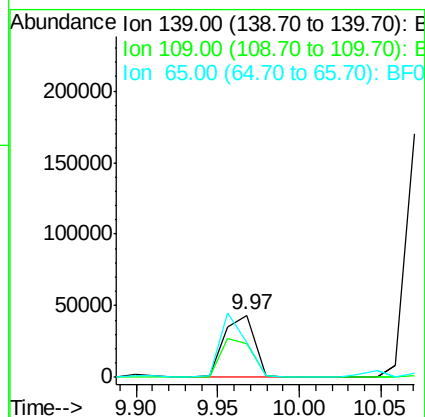
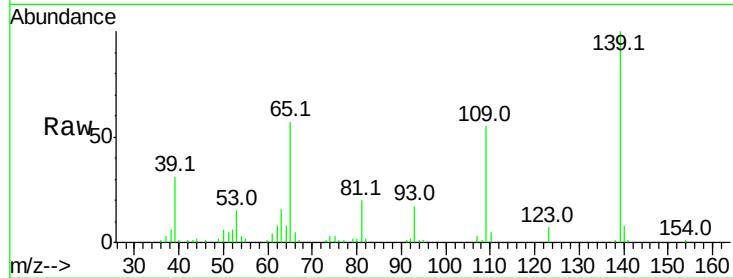
#55  
4-Nitrophenol  
Concen: 10.64 ng  
RT: 9.97 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 55.1  | 34.1  | 74.1  |
| 65      | 57.3  | 31.4  | 71.4  |

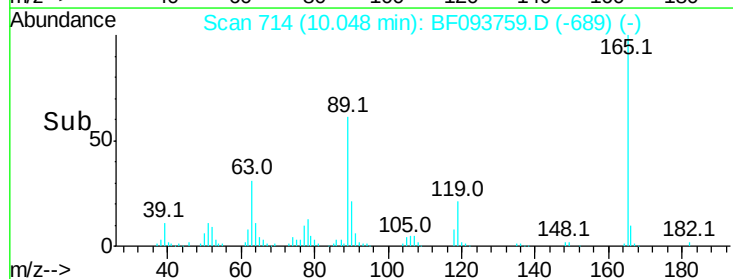
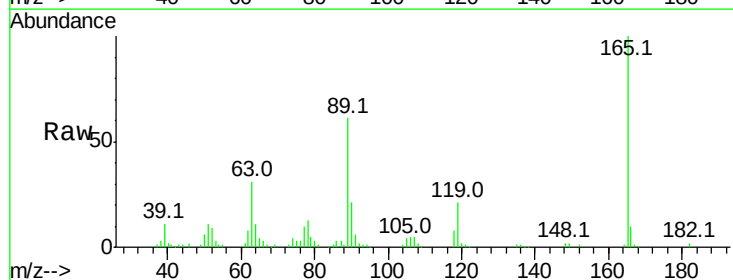
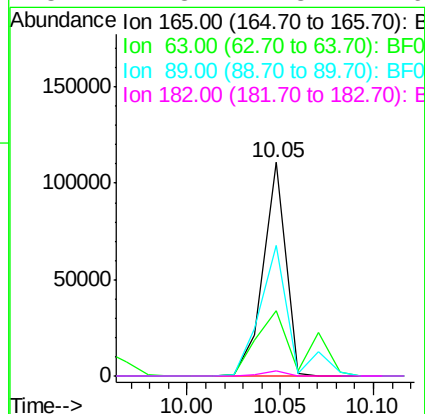
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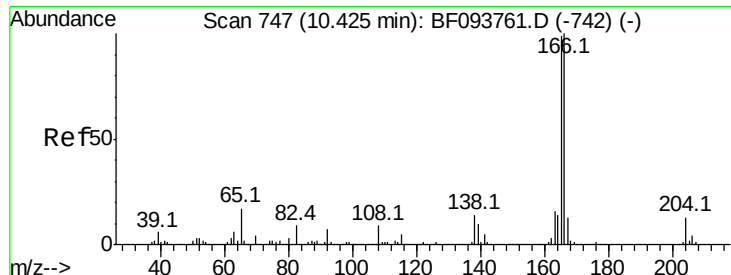


#56  
2,4-Dinitrotoluene  
Concen: 11.74 ng  
RT: 10.05 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 30.7  | 25.4  | 38.0  |
| 89      | 61.1  | 46.4  | 69.6  |
| 182     | 2.3   | 1.8   | 2.6   |







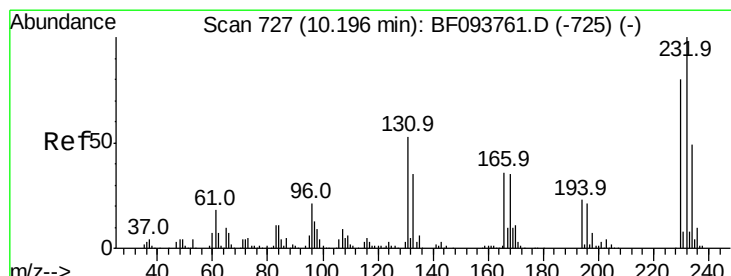
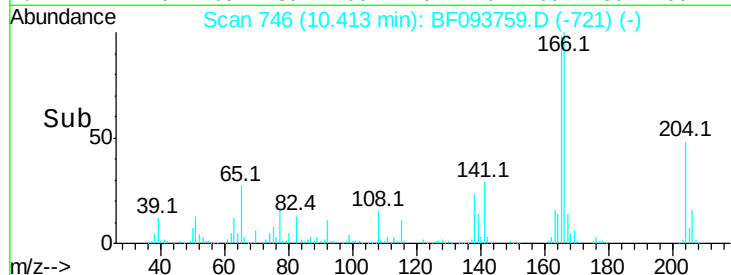
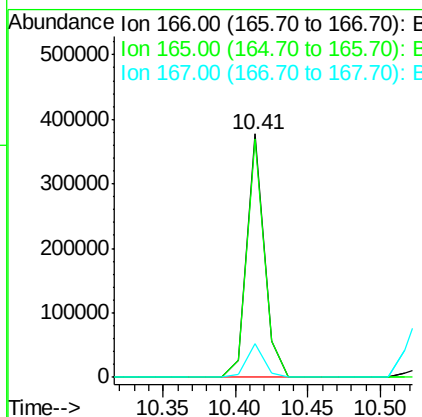
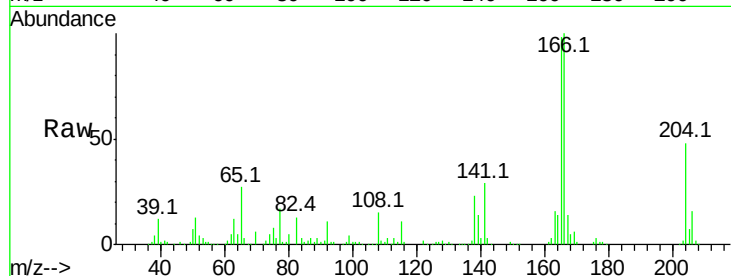
#57  
**Fluorene**  
 Concen: 12.74 ng  
 RT: 10.41 min Scan# 746  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 316683 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.8  | 78.8  | 118.2  |
| 167       | 13.6  | 10.6  | 16.0   |

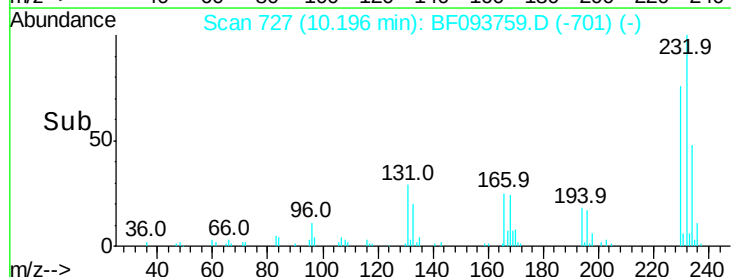
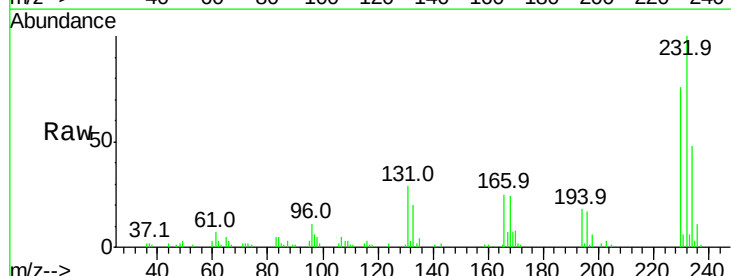
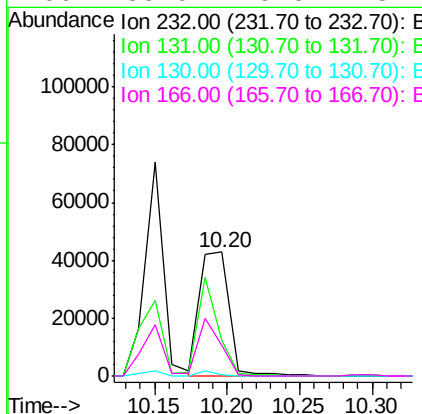
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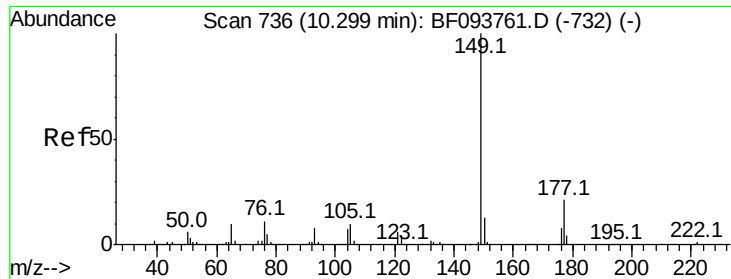
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 11.94 ng  
 RT: 10.20 min Scan# 727  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 60940 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 55.8  | 44.8  | 67.2  |
| 130       | 2.8   | 2.3   | 3.5   |
| 166       | 35.0  | 29.0  | 43.4  |





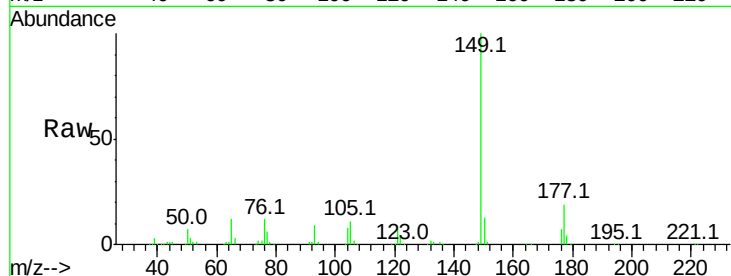
#59  
Diethylphthalate  
Concen: 12.20 ng  
RT: 10.29 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

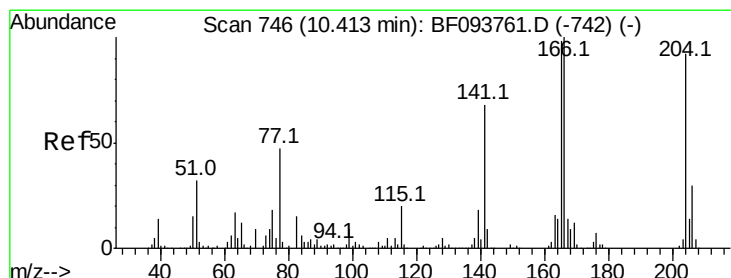
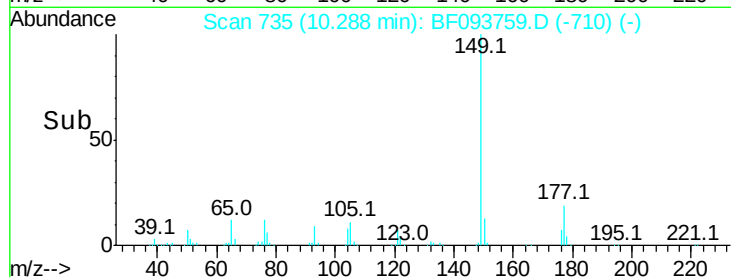
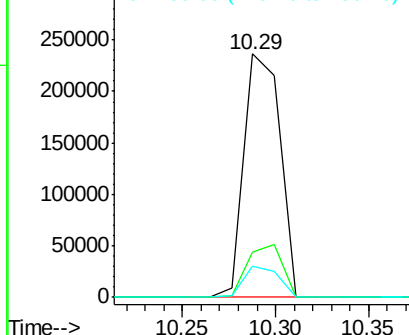
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 18.8  | 16.7  | 25.1  |
| 150     | 12.6  | 10.2  | 15.2  |

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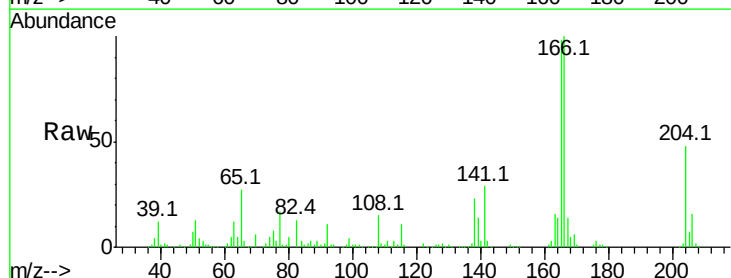


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

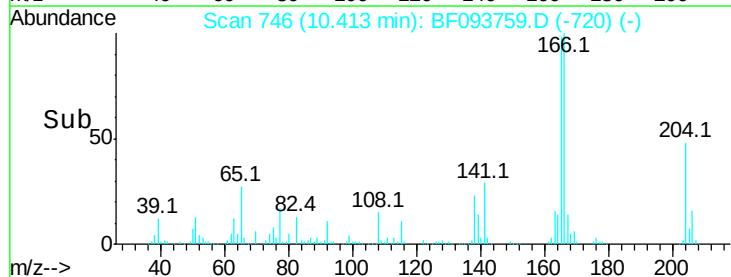
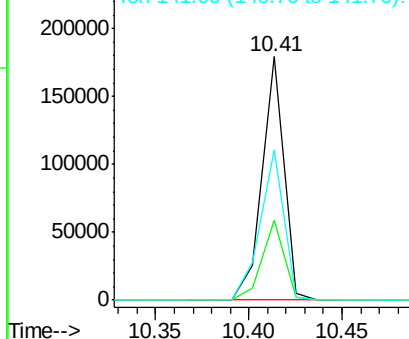


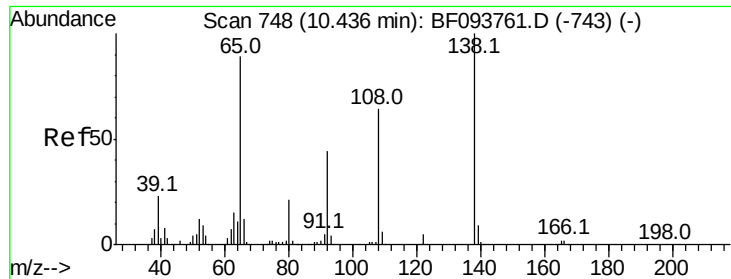
#60  
4-Chlorophenyl-phenylether  
Concen: 13.83 ng  
RT: 10.41 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.2  | 39.2  |
| 141     | 61.7  | 60.8  | 91.2  |



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





#61

4-Nitroaniline

Concen: 11.07 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

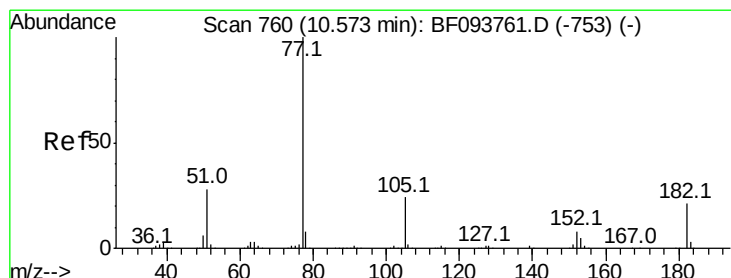
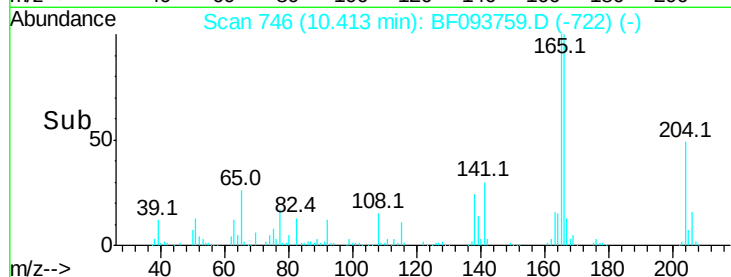
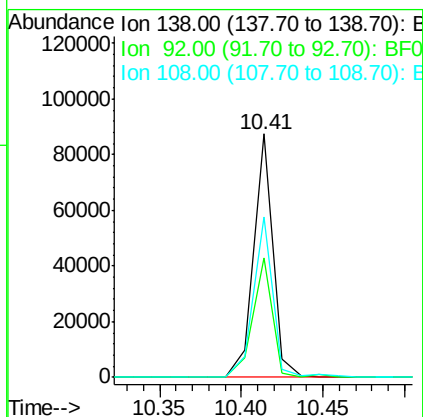
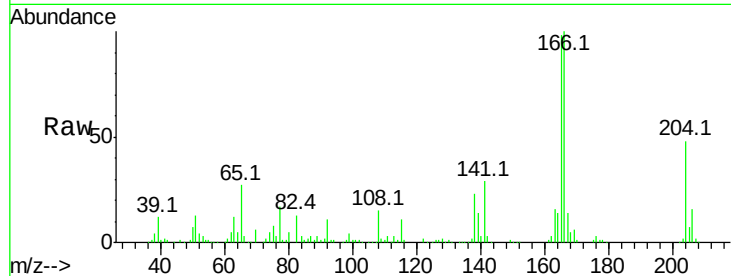
ClientSampleId :

SSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 138   | Resp: | 71880 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 49.0  | 21.8  | 61.8  |
| 108      | 65.9  | 42.3  | 82.3  |

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#62

Azobenzene

Concen: 11.30 ng

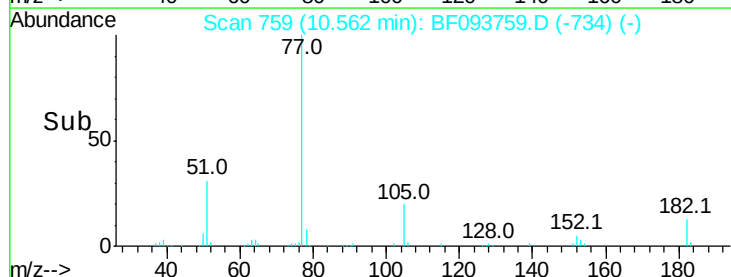
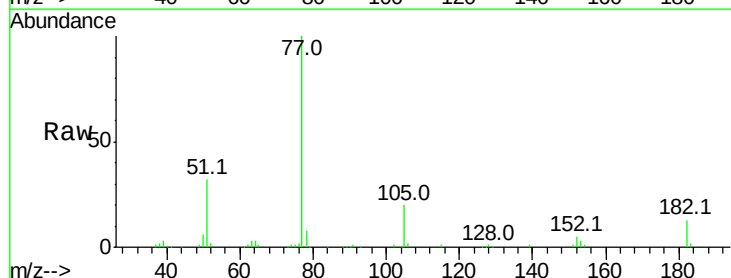
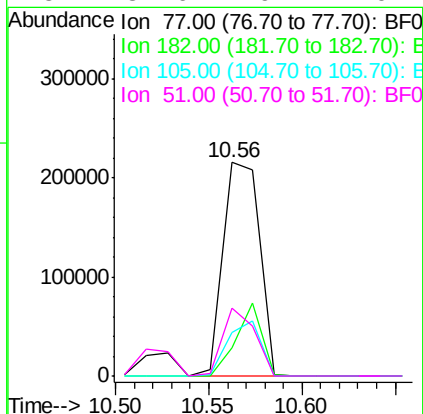
RT: 10.56 min Scan# 759

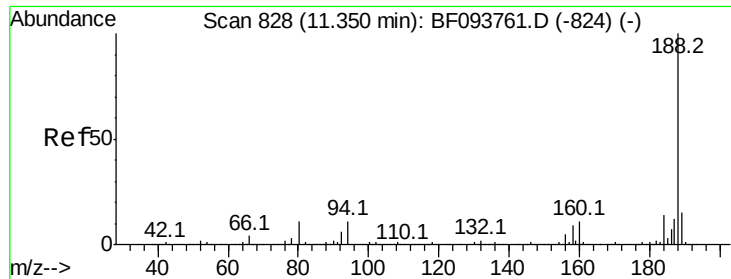
Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 295803 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 13.0  | 0.1   | 40.1   |
| 105      | 20.2  | 3.6   | 43.6   |
| 51       | 31.6  | 9.4   | 49.4   |





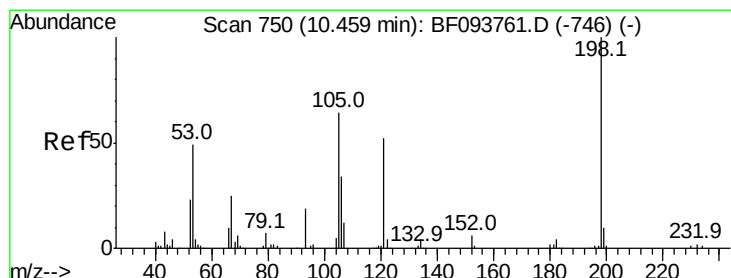
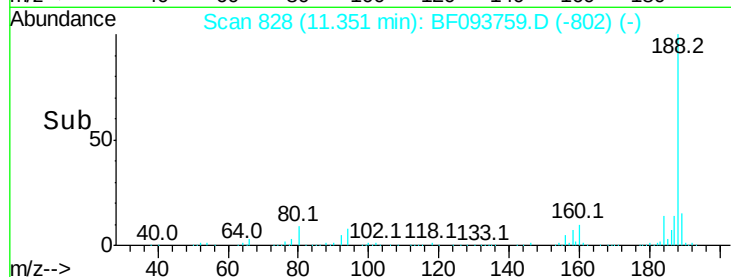
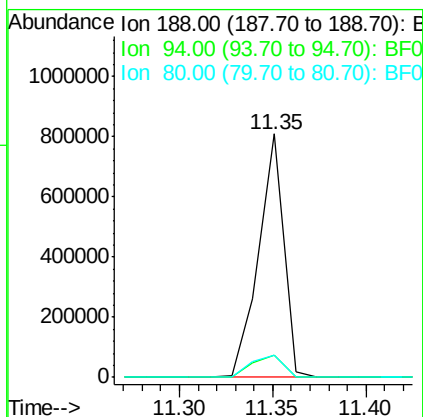
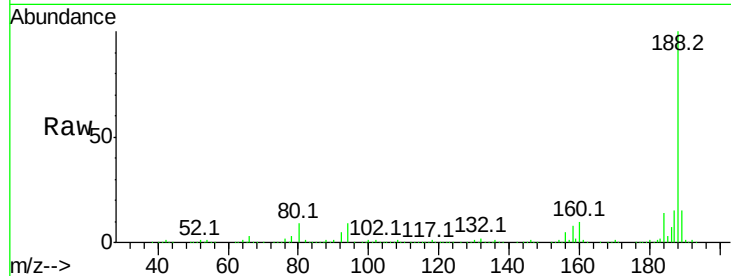
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.35 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.9   | 9.4        | 14.2#      |
| 80      | 9.0   | 10.2       | 15.2#      |

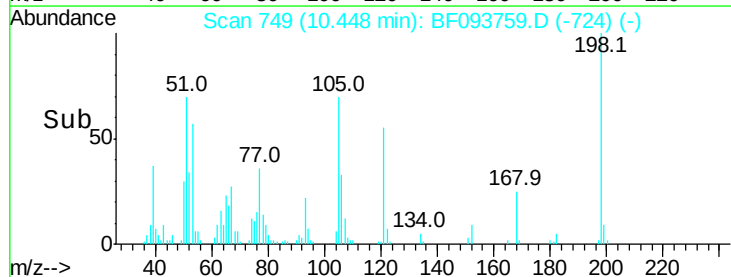
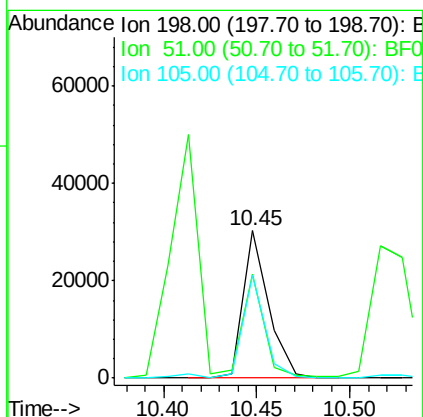
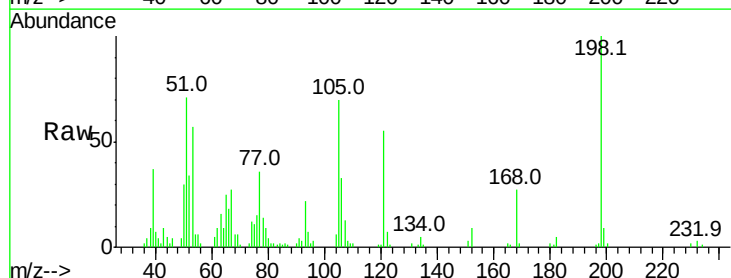
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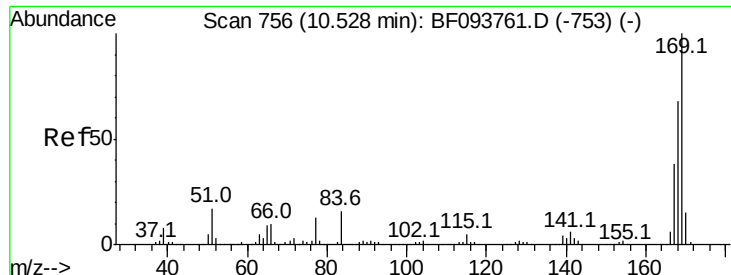
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 8.70 ng  
RT: 10.45 min Scan# 749  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 70.6  | 53.2       | 93.2       |
| 105     | 69.5  | 45.8       | 85.8       |





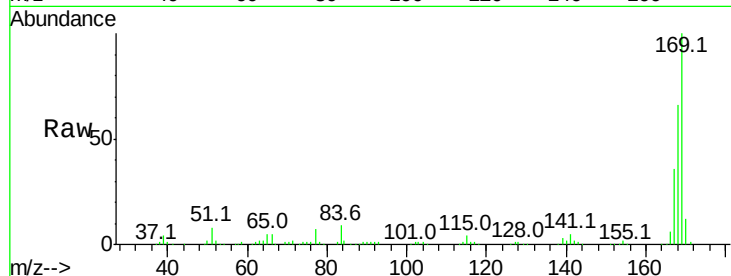
#65  
 n-Nitrosodiphenylamine  
 Concen: 11.45 ng  
 RT: 10.53 min Scan# 756  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

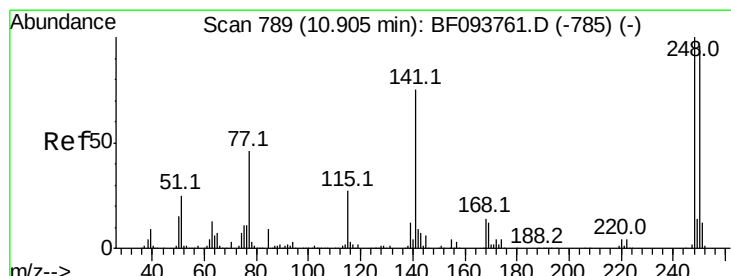
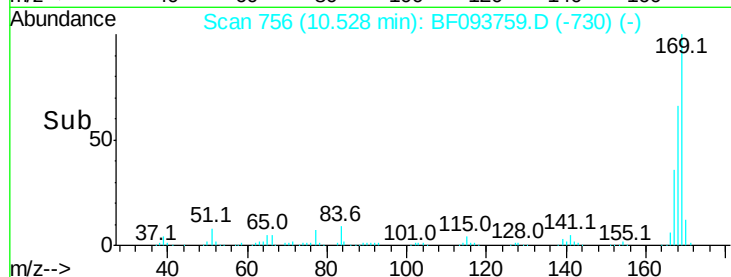
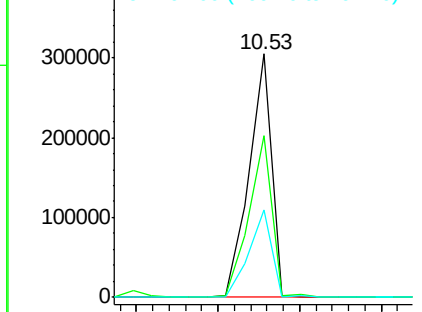
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 291404 |       |       |
| 168     | 66.4  | 53.2   | 79.8  |       |
| 167     | 36.1  | 29.5   | 44.3  |       |

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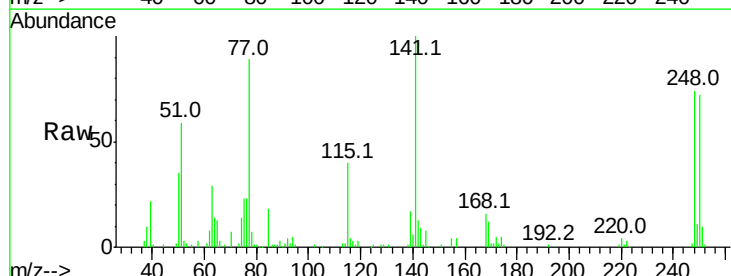


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

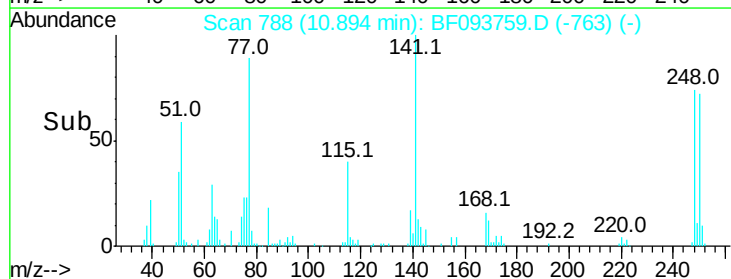
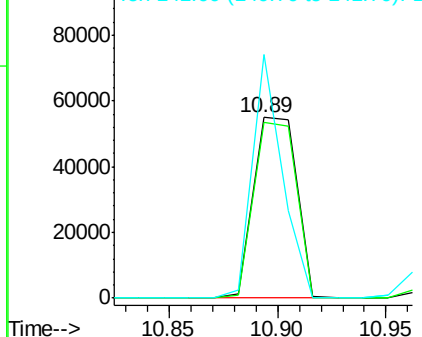


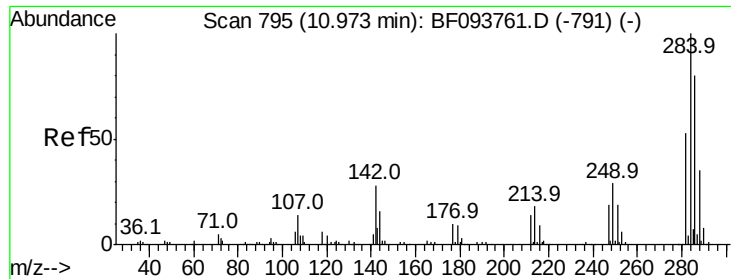
#66  
 4-Bromophenyl-phenylether  
 Concen: 10.66 ng  
 RT: 10.89 min Scan# 788  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 248     | 100   | 75938 |        |       |
| 250     | 97.4  | 76.8  | 115.2  |       |
| 141     | 135.0 | 68.6  | 103.0# |       |



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





#67

Hexachlorobenzene

Concen: 10.77 ng

RT: 10.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

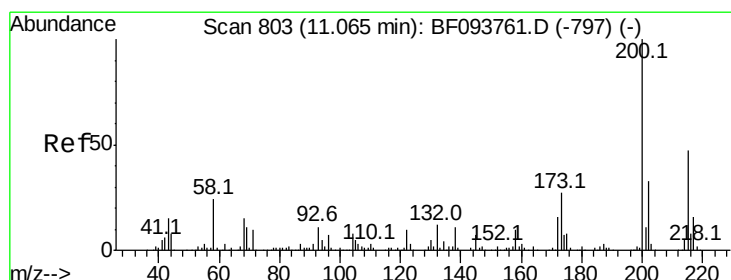
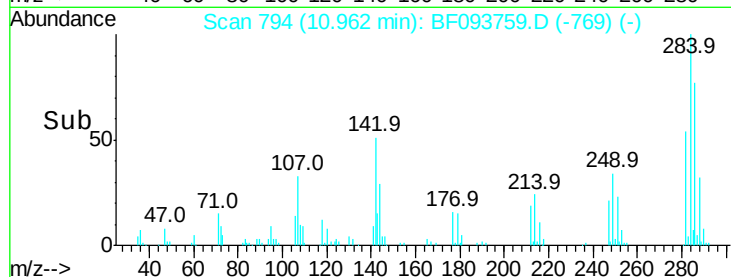
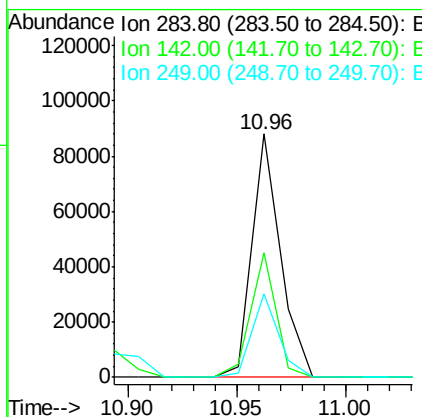
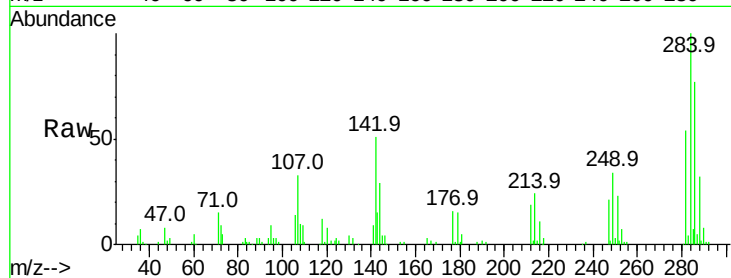
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 80228 |       |       |
| 142     | 51.1  | 22.8  | 34.2# |       |
| 249     | 34.1  | 24.0  | 36.0  |       |

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#68

Atrazine

Concen: 11.71 ng

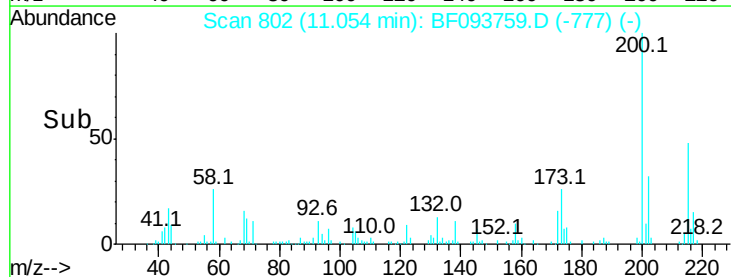
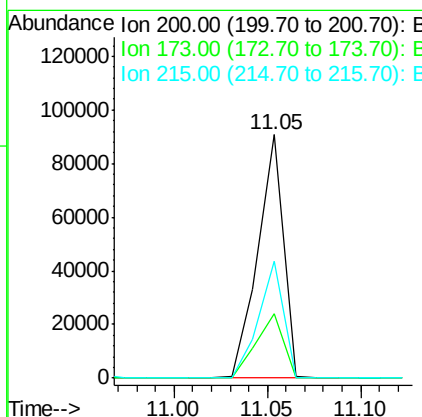
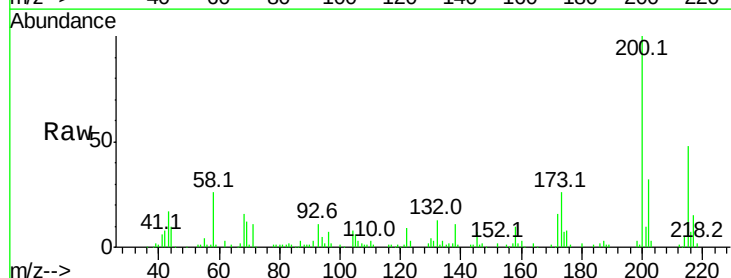
RT: 11.05 min Scan# 802

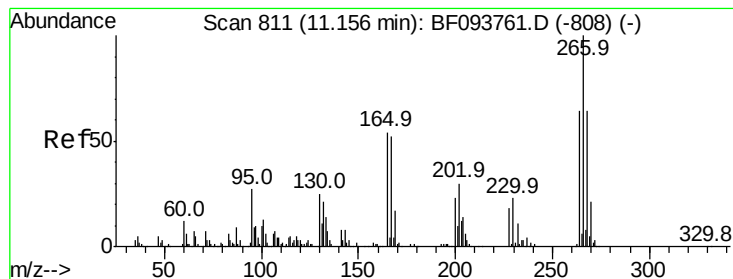
Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 85782 |       |       |
| 173     | 26.3  | 6.3   | 46.3  |       |
| 215     | 48.0  | 27.2  | 67.2  |       |





#69

Pentachlorophenol

Concen: 10.12 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

ClientSampled :

SSTDIC010

Tot Ion:266 Resp: 43168

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

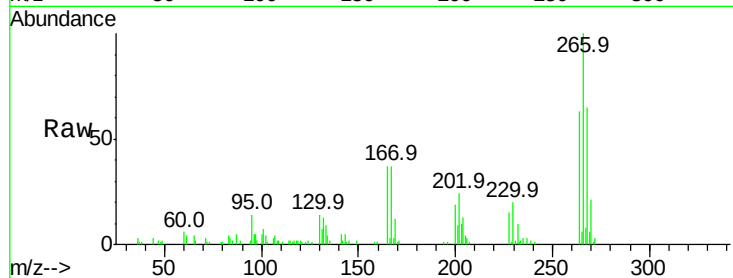
264 62.6 51.7 77.5

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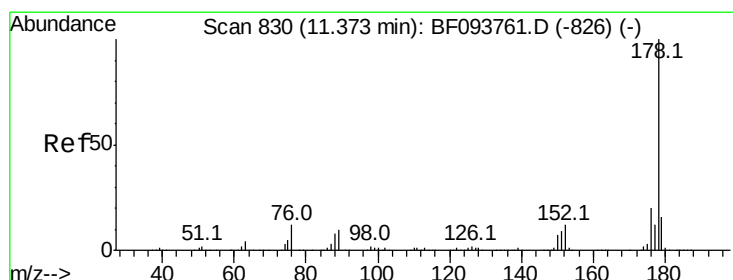
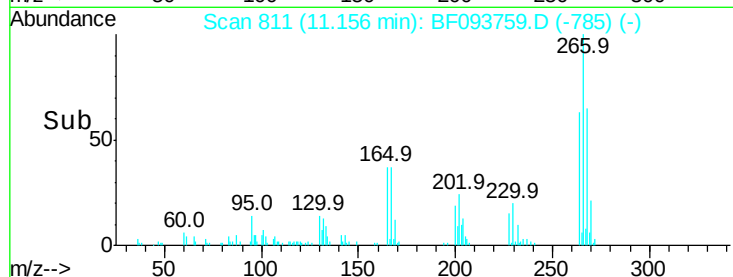
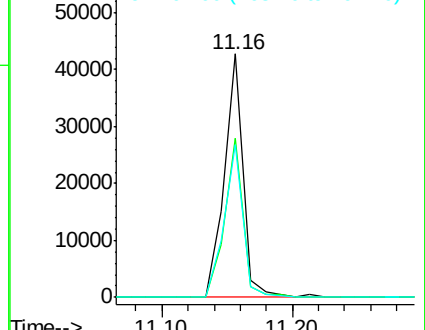
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 10.94 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

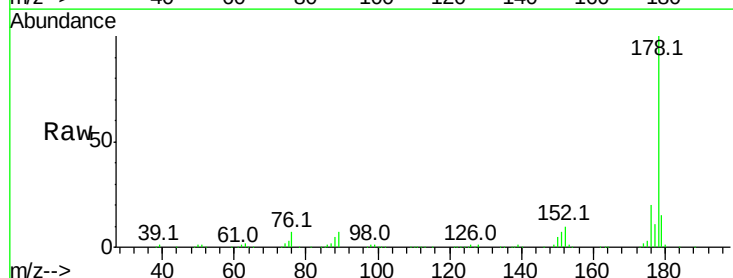
Tgt Ion:178 Resp: 466011

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

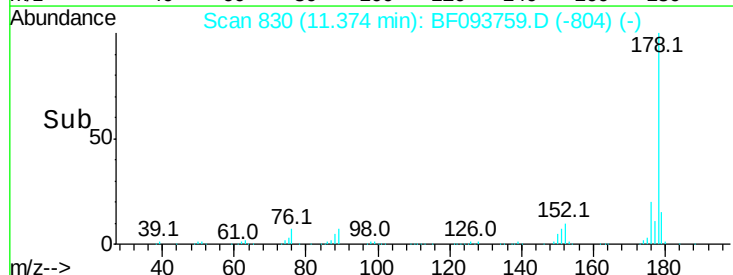
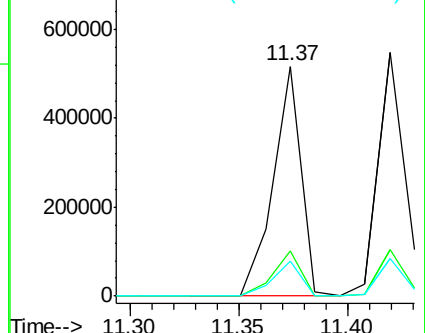
179 15.1 12.6 19.0

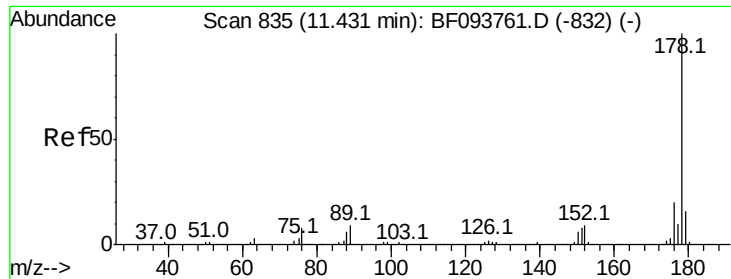


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





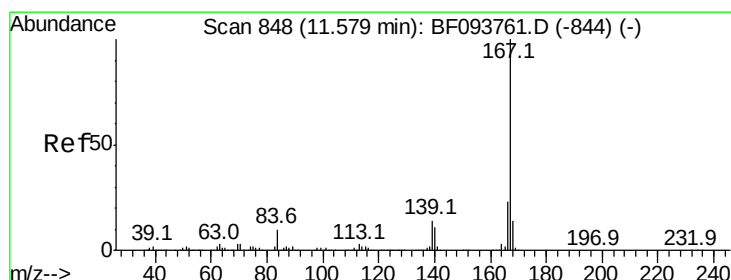
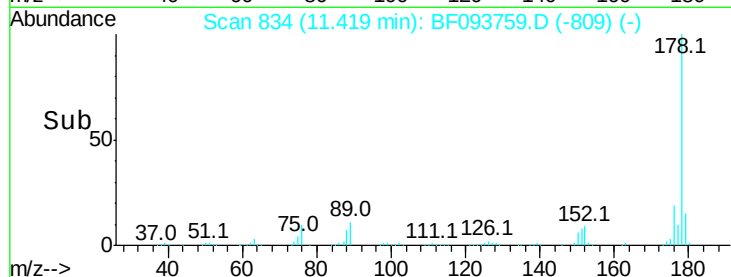
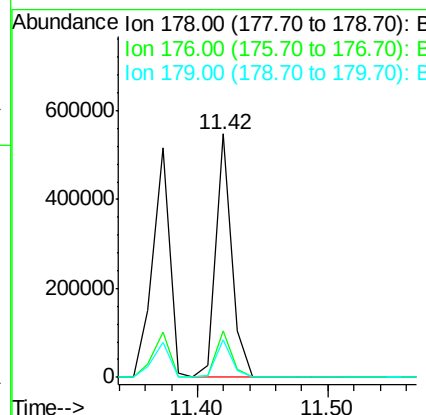
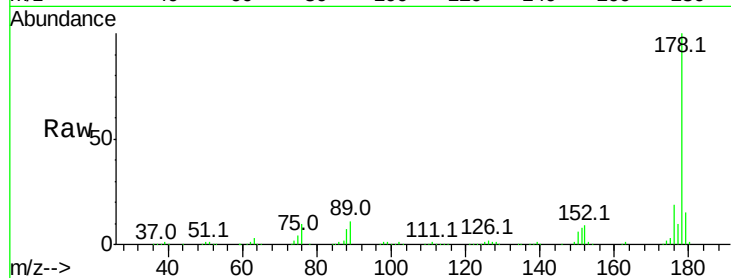
#71  
 Anthracene  
 Concen: 11.25 ng  
 RT: 11.42 min Scan# 834  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.8  | 23.8  |
| 179     | 15.2  | 12.7  | 19.1  |

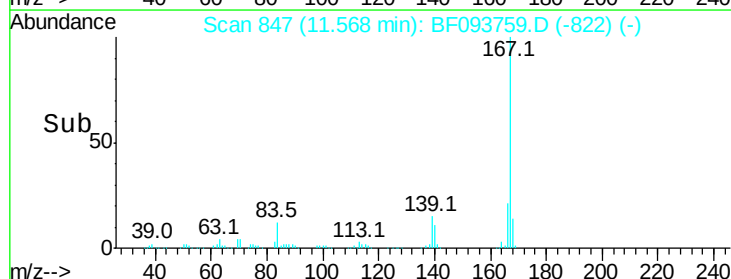
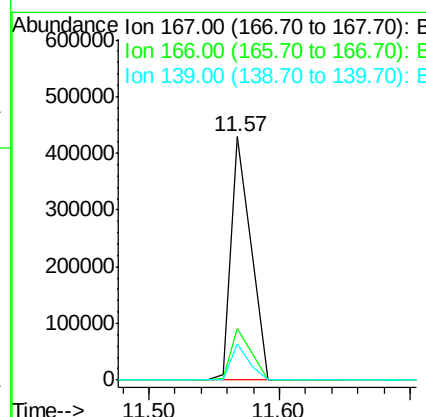
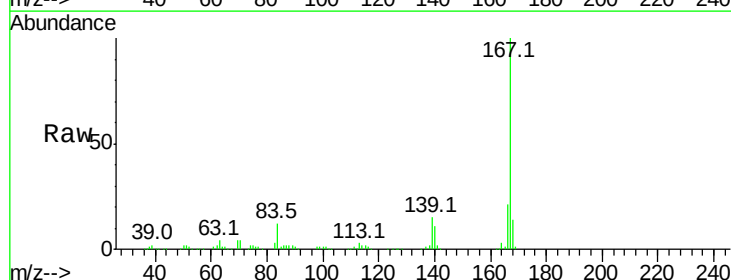
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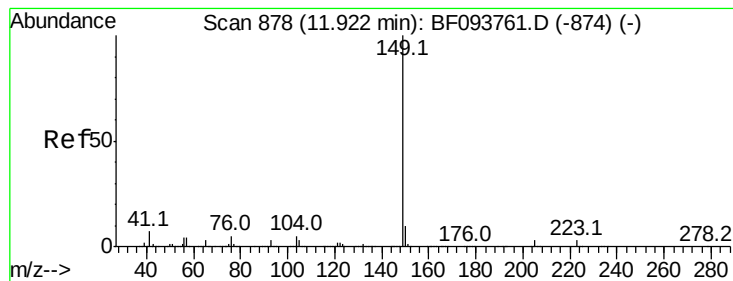


#72  
 Carbazole  
 Concen: 10.38 ng  
 RT: 11.57 min Scan# 847  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 18.1  | 27.1  |
| 139     | 14.8  | 11.7  | 17.5  |







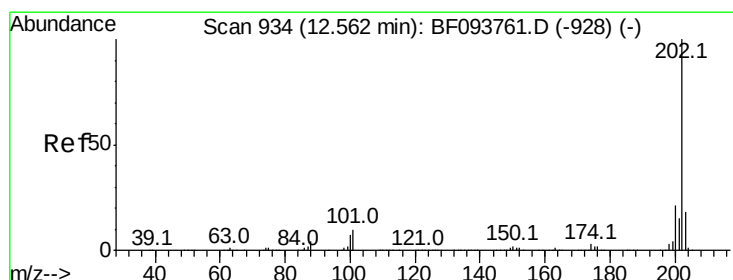
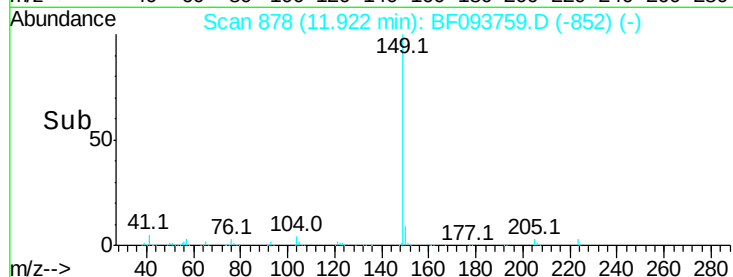
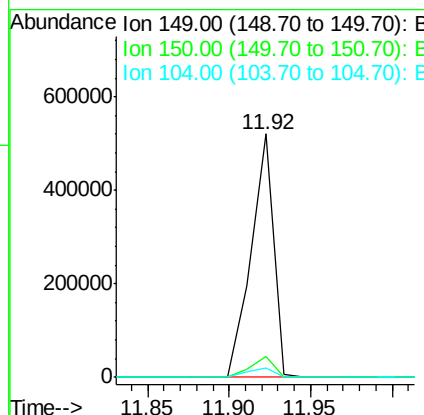
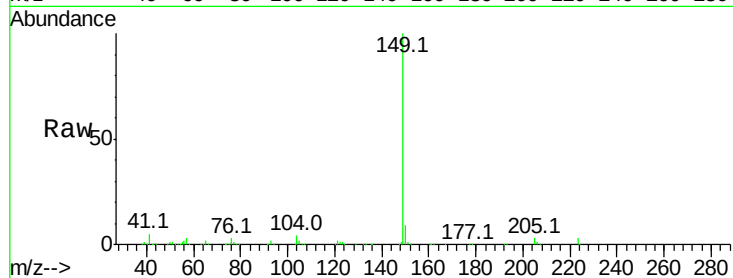
#73  
Di-n-butylphthalate  
Concen: 11.11 ng  
RT: 11.92 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 8.8   | 7.7  | 11.5  |       |
| 104     | 3.8   | 4.0  | 6.0   |       |

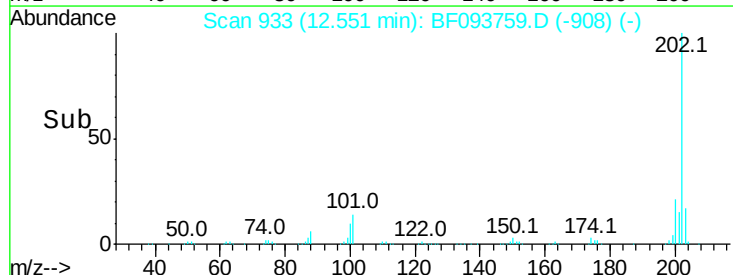
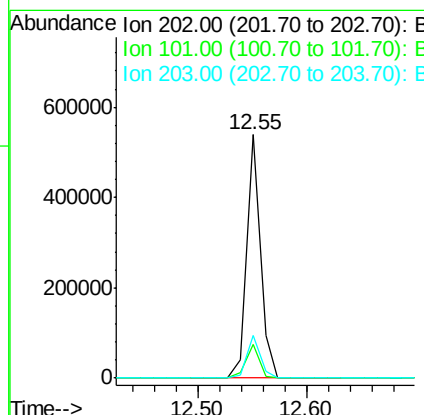
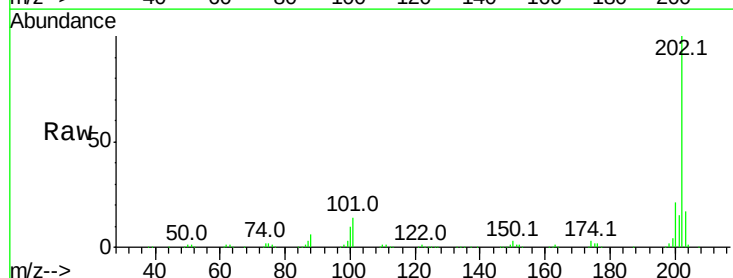
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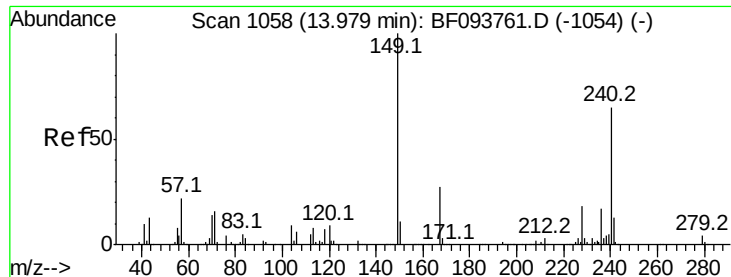
mohammad  
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#74  
Fluoranthene  
Concen: 11.27 ng  
RT: 12.55 min Scan# 933  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 13.6  | 0.0  | 33.2  |       |
| 203     | 17.4  | 0.0  | 38.1  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

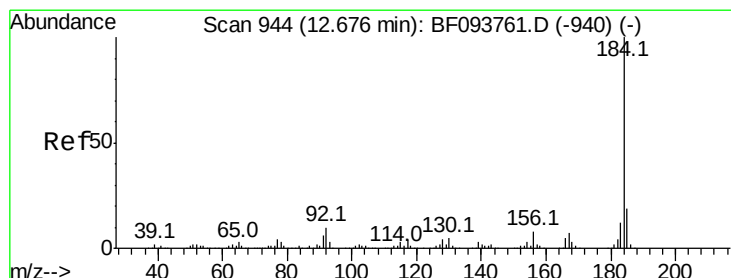
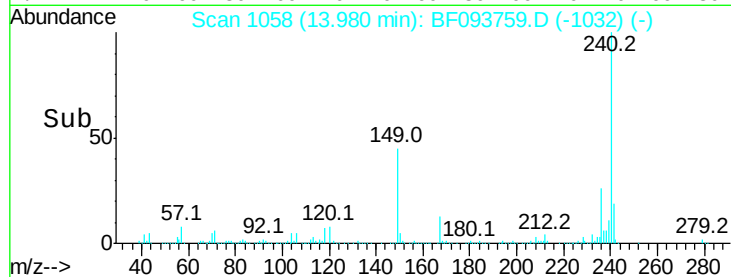
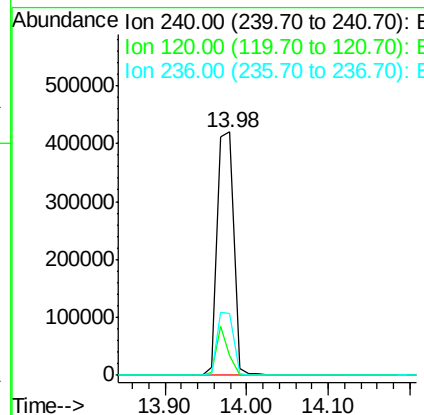
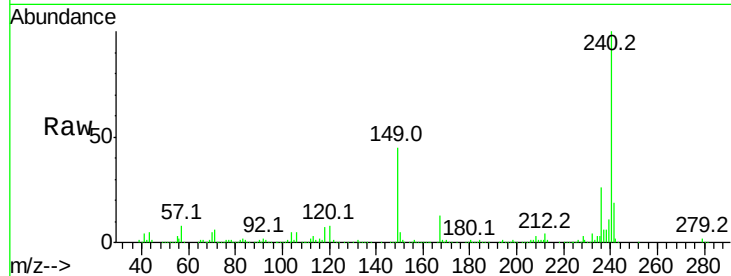
ClientSampleId :

SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.2   | 5.8   | 8.8   |
| 236     | 25.6  | 20.5  | 30.7  |

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#76

Benzidine

Concen: 11.24 ng

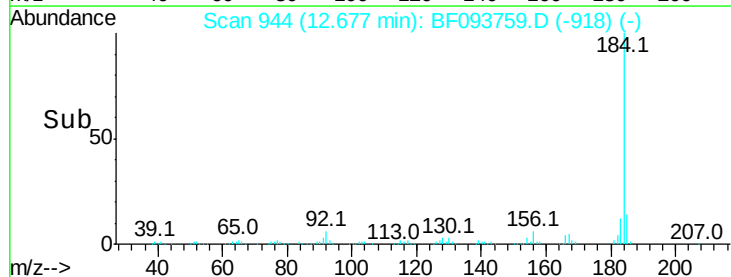
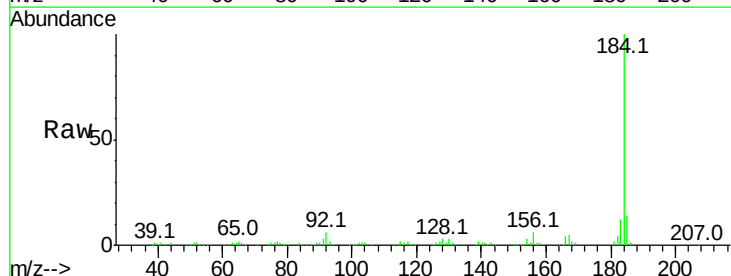
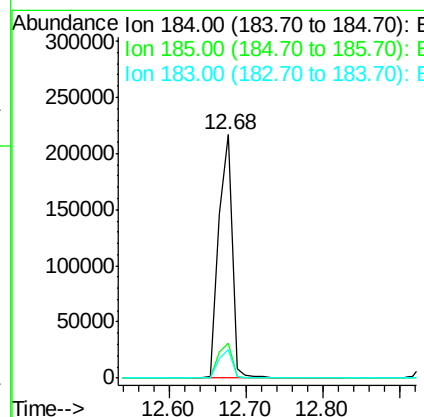
RT: 12.68 min Scan# 944

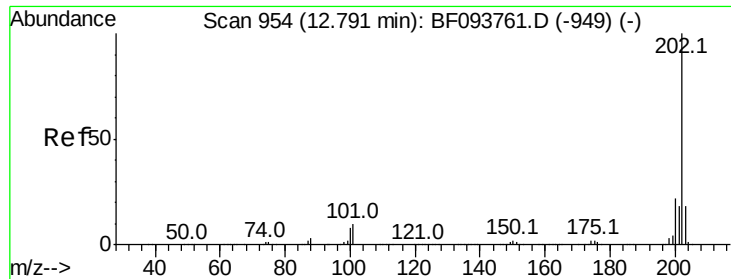
Delta R.T. 0.00 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 15.5  | 23.3# |
| 183     | 11.5  | 9.8   | 14.6  |





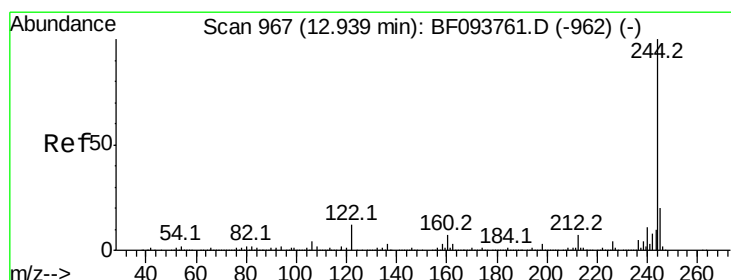
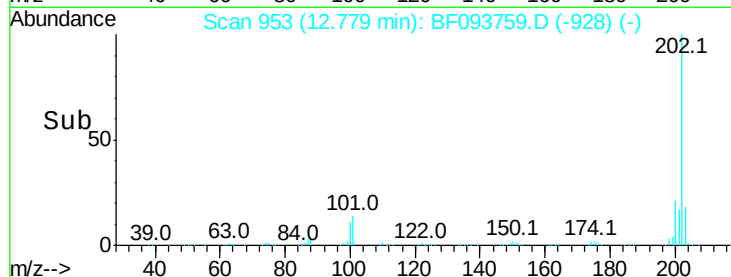
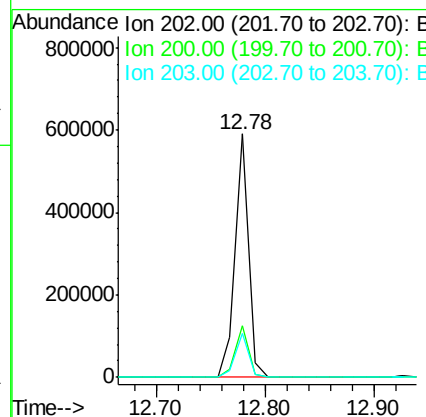
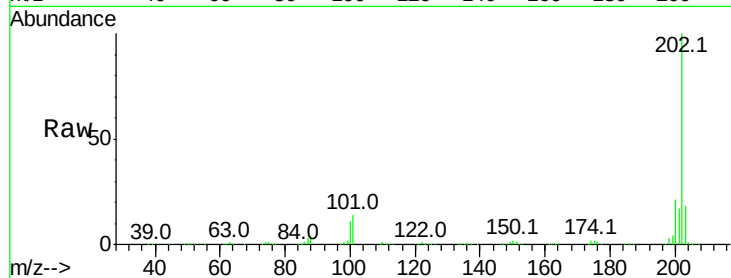
#77  
Pvrene  
Concen: 9.84 ng  
RT: 12.78 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.4  | 17.6       | 26.4  |
| 203     | 17.9  | 14.4       | 21.6  |

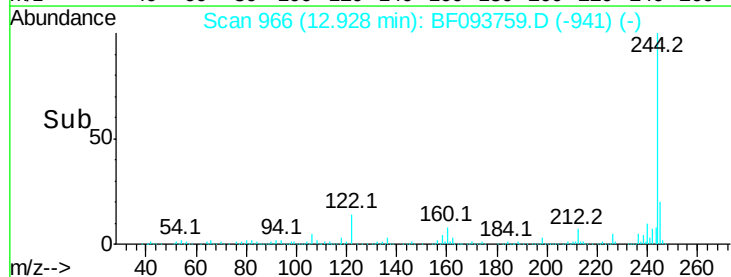
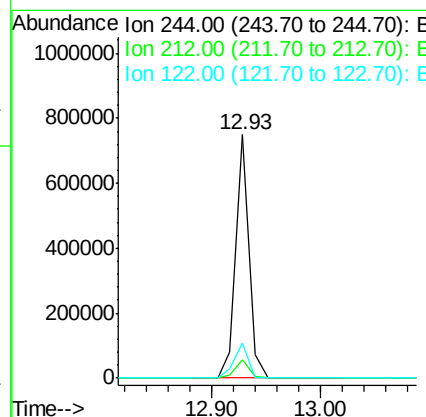
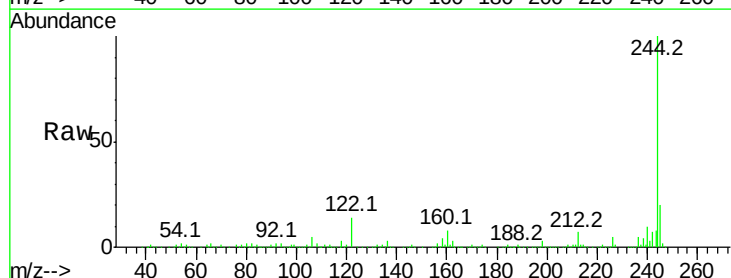
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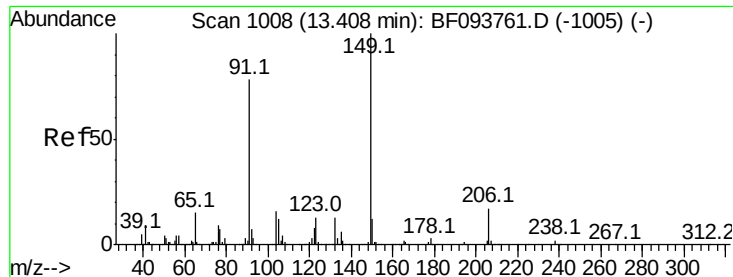
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#78  
Terphenyl-d14  
Concen: 22.41 ng  
RT: 12.93 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.5   | 6.0        | 9.0   |
| 122     | 14.2  | 10.3       | 15.5  |





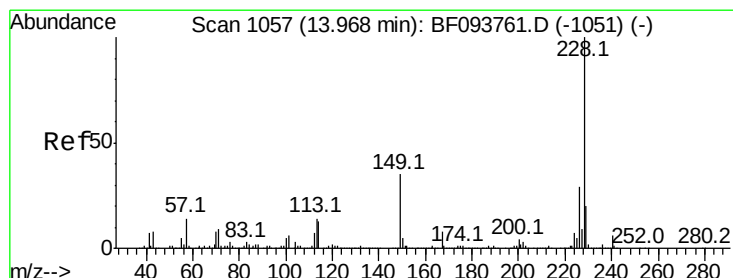
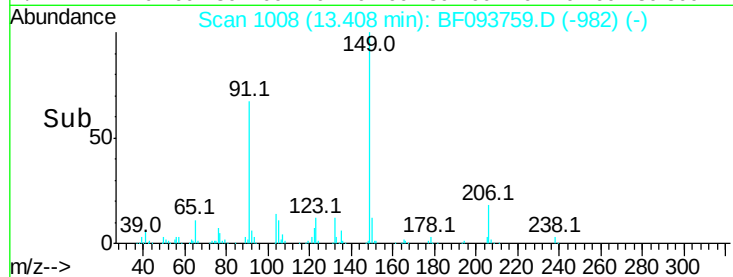
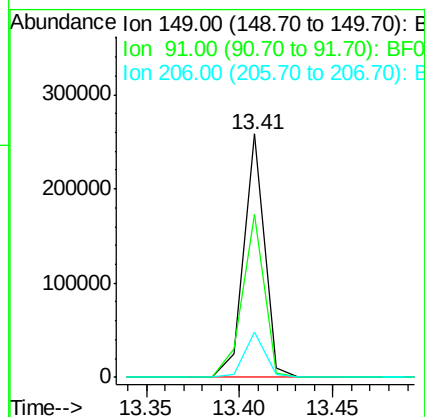
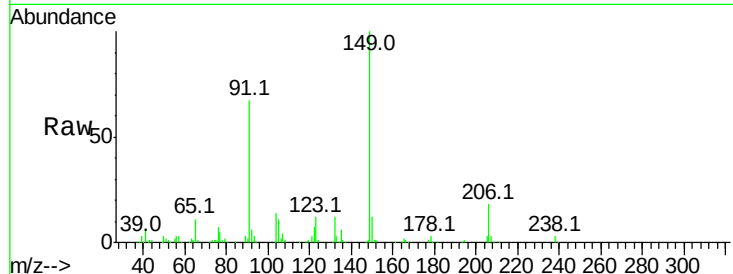
#79  
Butylbenzylphthalate  
Concen: 9.38 ng  
RT: 13.41 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 202173 |       |       |
| 91      | 66.9  | 45.0   | 67.4  |       |
| 206     | 18.5  | 17.0   | 25.6  |       |

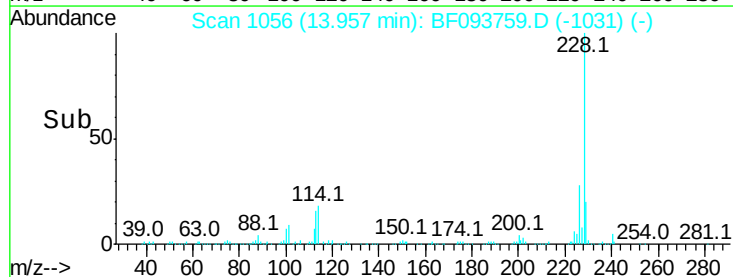
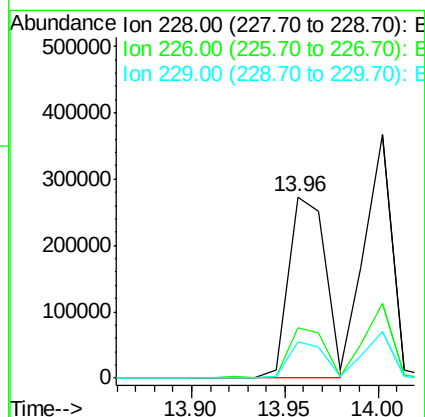
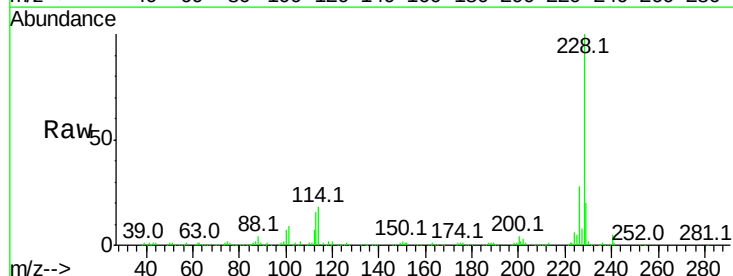
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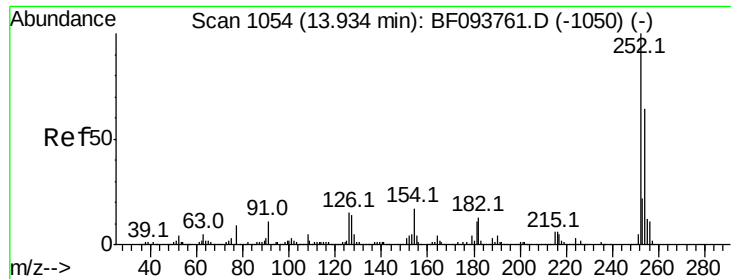
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#80  
Benzo(a)anthracene  
Concen: 9.83 ng  
RT: 13.96 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 376381 |       |       |
| 226     | 27.9  | 22.6   | 33.8  |       |
| 229     | 19.8  | 16.3   | 24.5  |       |





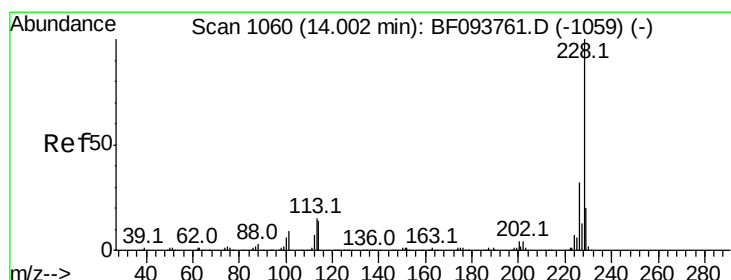
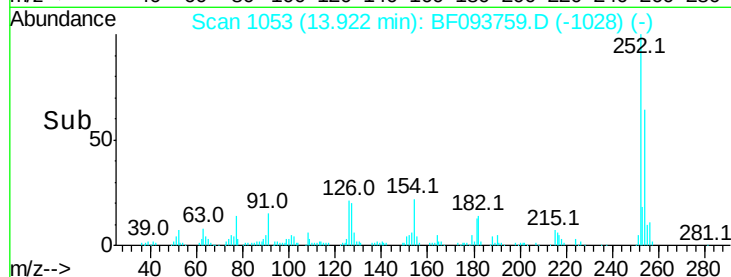
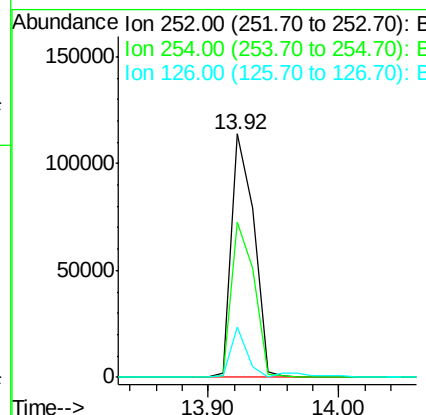
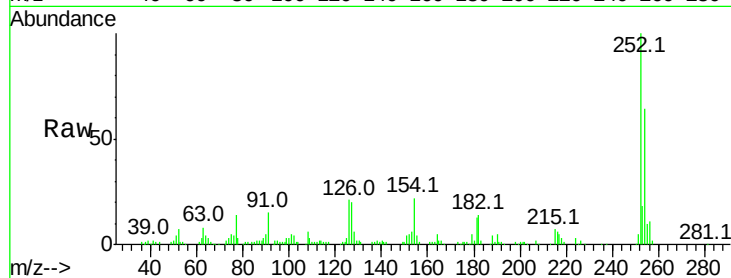
#81  
3,3'-Dichlorobenzidine  
Concen: 10.19 ng  
RT: 13.92 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.8  | 51.5  | 77.3  |
| 126     | 20.6  | 15.8  | 23.8  |

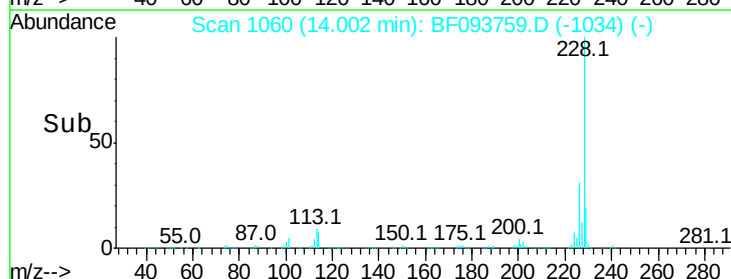
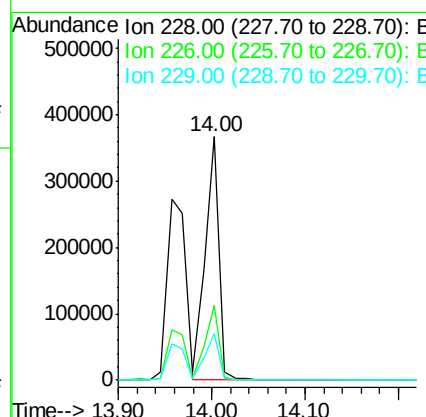
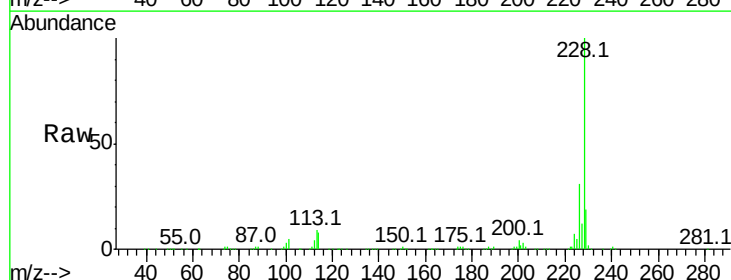
Manual Integrations  
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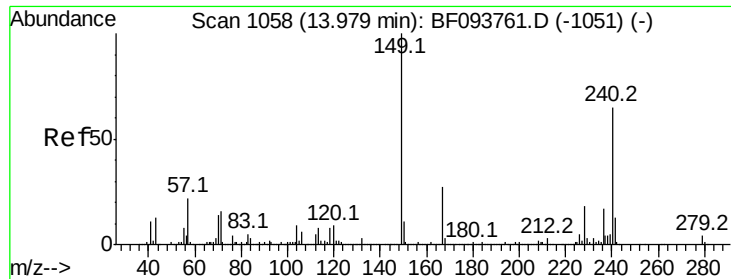
mohammad  
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#82  
Chrysene  
Concen: 10.26 ng  
RT: 14.00 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.9  | 37.3  |
| 229     | 19.3  | 15.8  | 23.6  |





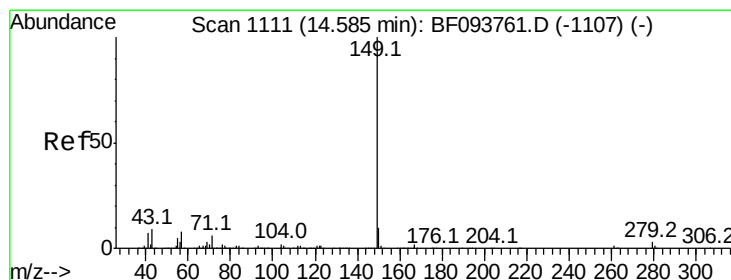
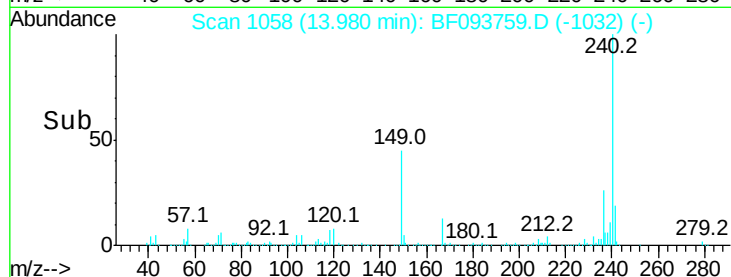
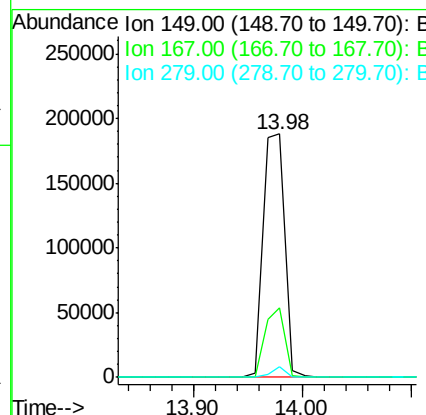
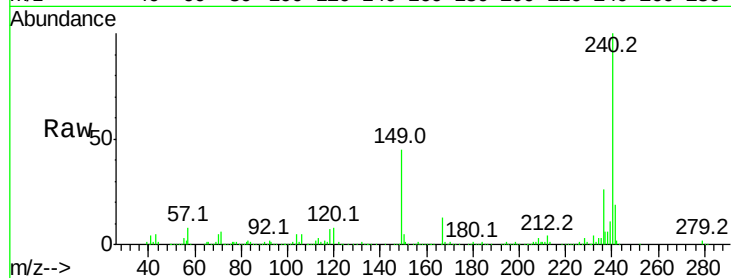
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 11.14 ng  
 RT: 13.98 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 264036 |       |       |
| 167     | 28.5  | 21.0   | 31.4  |       |
| 279     | 4.1   | 1.9    | 2.9#  |       |

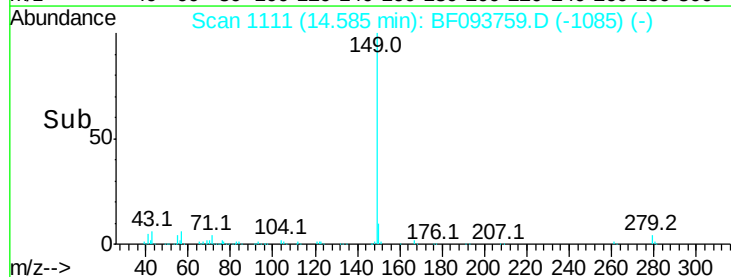
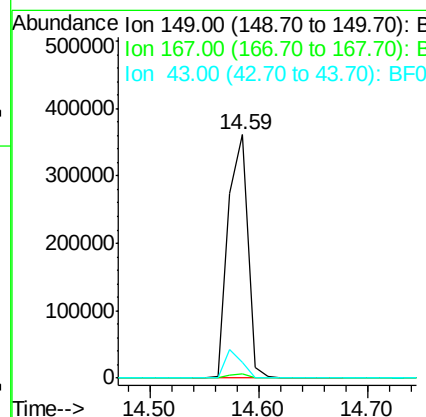
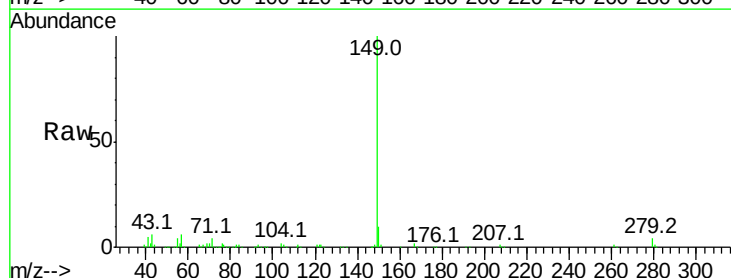
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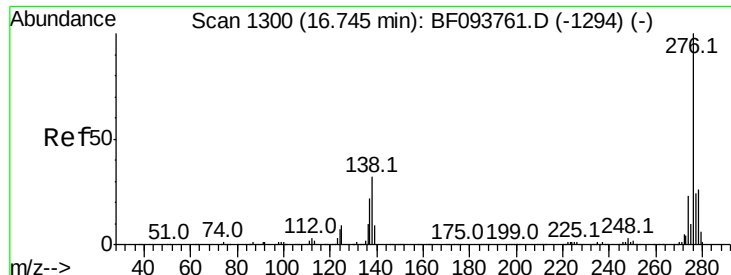
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#84  
 Di-n-octyl phthalate  
 Concen: 10.34 ng  
 RT: 14.59 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 451883 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 10.8  | 8.5    | 12.7  |       |





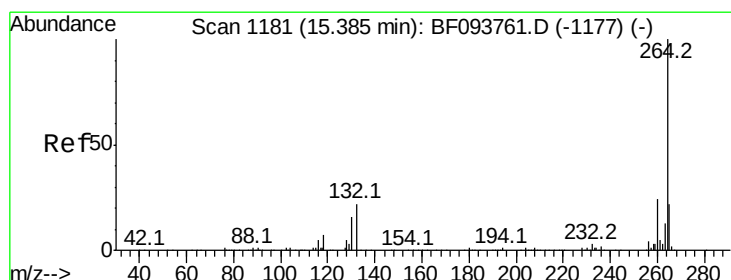
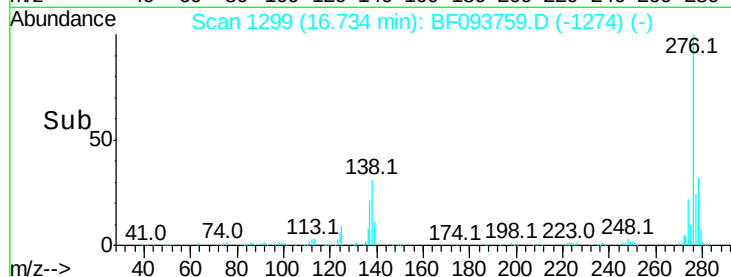
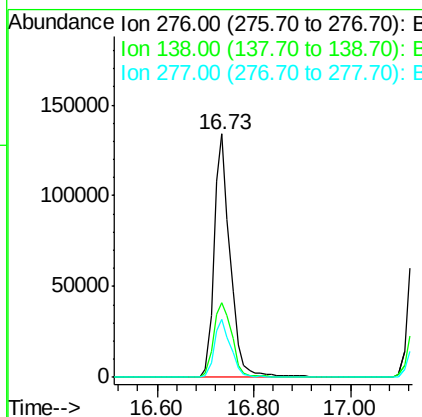
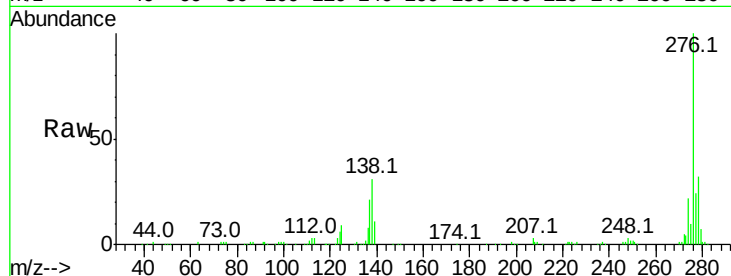
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 10.00 ng  
 RT: 16.73 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.3  | 27.8  | 41.6  |
| 277     | 24.7  | 20.2  | 30.4  |

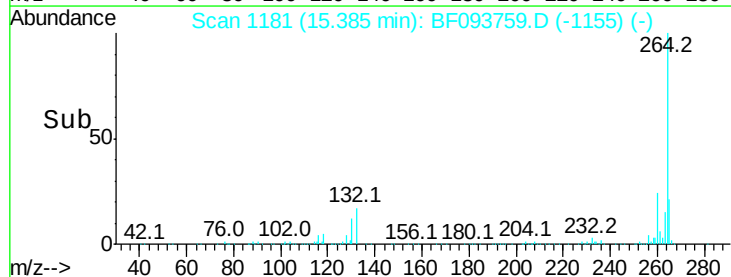
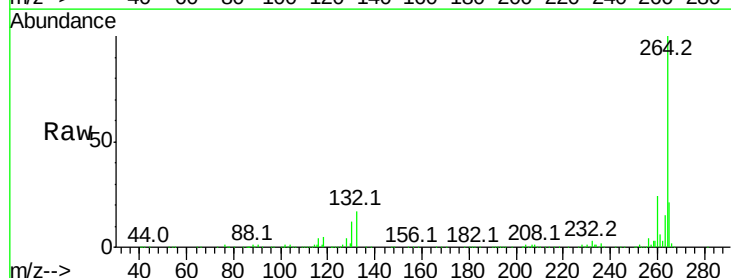
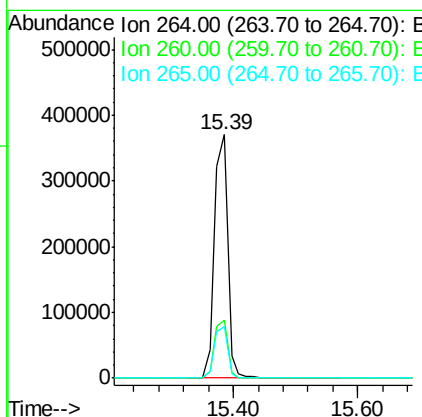
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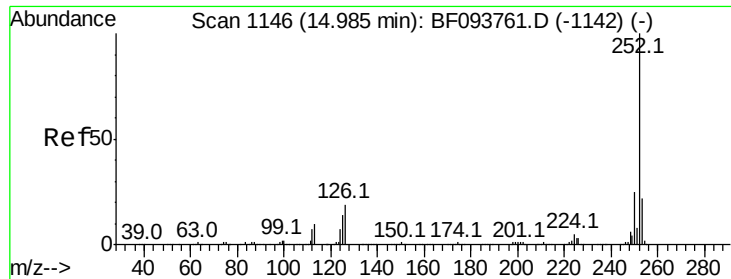
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.39 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.5  | 29.3  |
| 265     | 21.2  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 12.62 ng m

RT: 14.97 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

Instrument :

BNA\_F

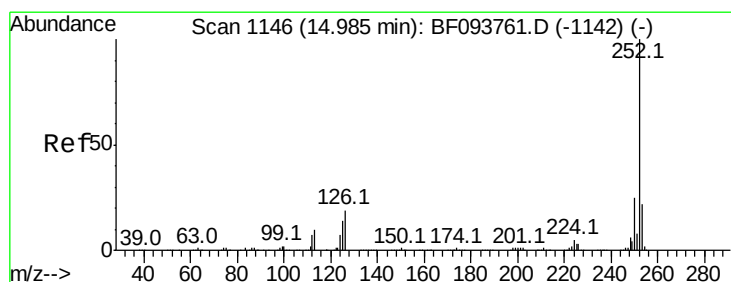
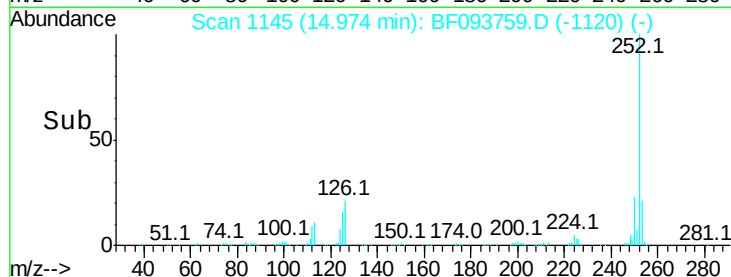
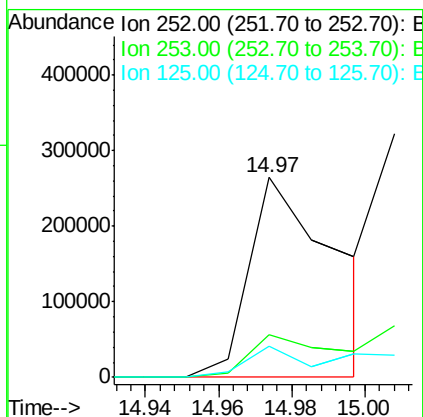
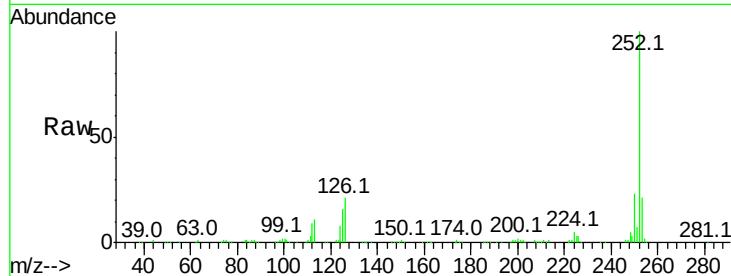
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 432231 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.5  | 18.1  | 27.1   |
| 125       | 15.8  | 9.8   | 14.8#  |

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#88

Benzo(k)fluoranthene

Concen: 8.30 ng m

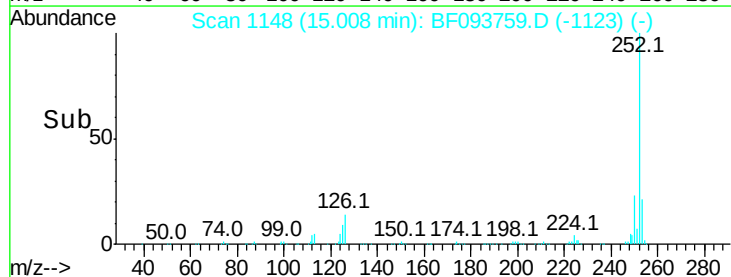
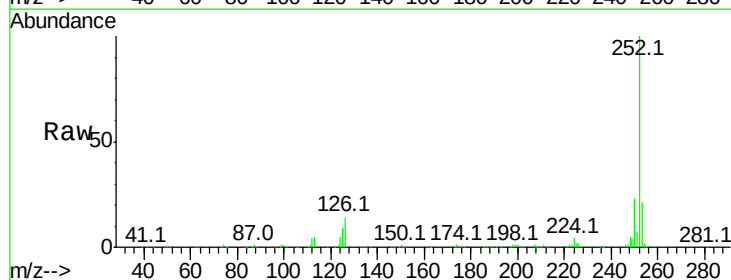
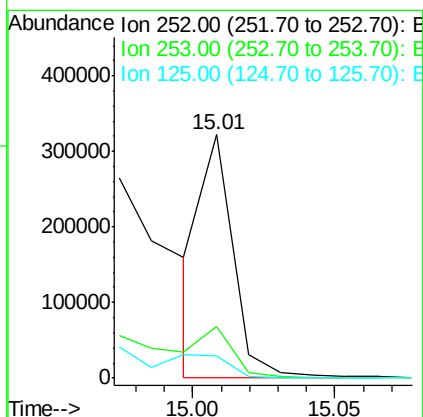
RT: 15.01 min Scan# 1148

Delta R.T. -0.01 min

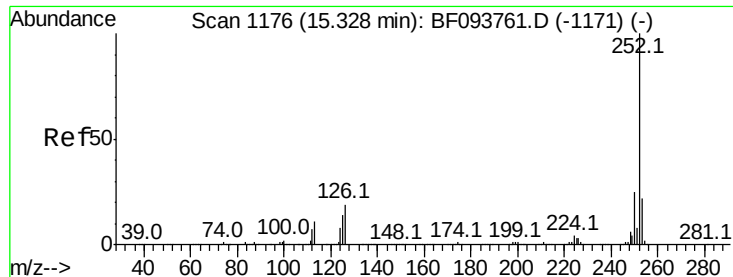
Lab File: BF093759.D

Acq: 20 Mar 2017 11:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 251134 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.2  | 18.4  | 27.6   |
| 125       | 9.2   | 13.1  | 19.7#  |







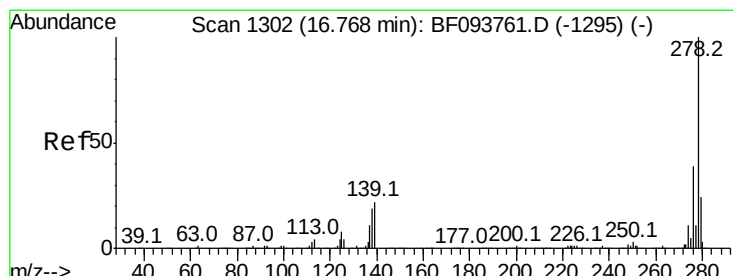
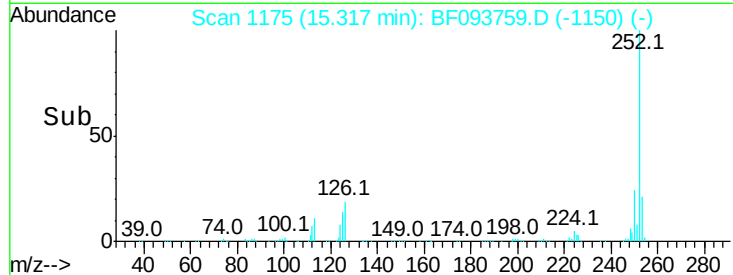
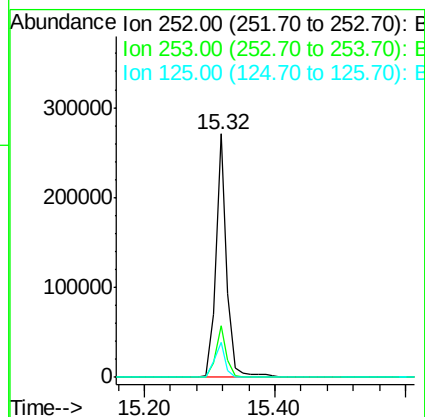
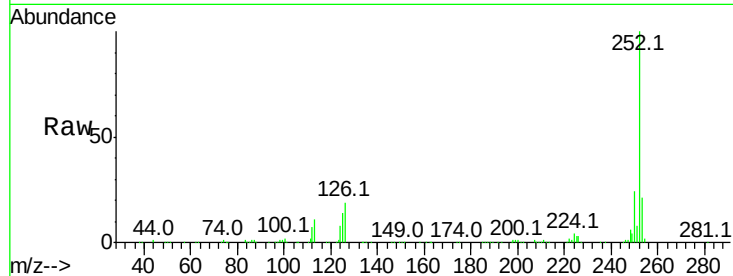
#89  
Benzo(a)pyrene  
Concen: 10.59 ng  
RT: 15.32 min Scan# 1175  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.5  | 26.3  |
| 125     | 14.3  | 11.0  | 16.4  |

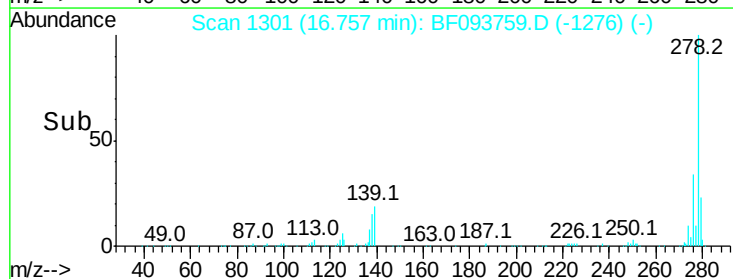
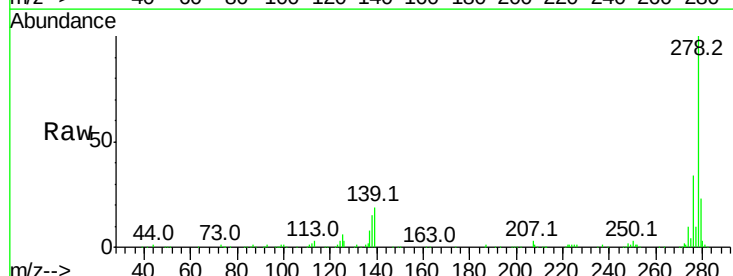
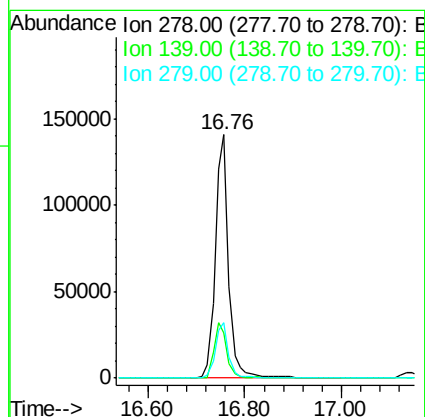
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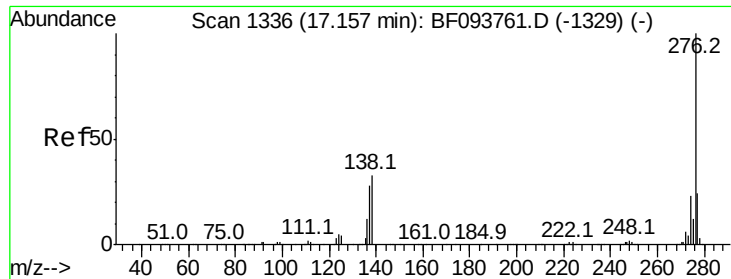
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#90  
Dibenzo(a,h)anthracene  
Concen: 10.75 ng  
RT: 16.76 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF093759.D  
Acq: 20 Mar 2017 11:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.7  | 16.6  | 24.8  |
| 279     | 22.7  | 19.3  | 28.9  |





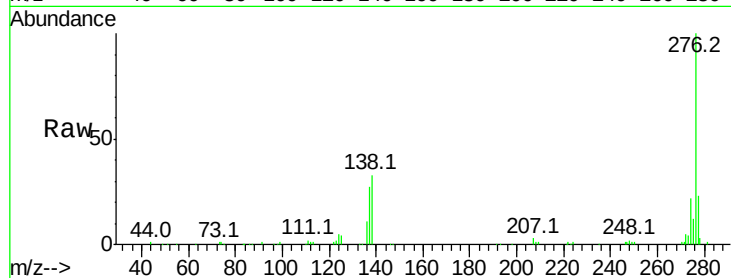
#91  
 Benzo(a,h,i)perylene  
 Concen: 10.26 ng  
 RT: 17.13 min Scan# 1334  
 Delta R.T. -0.02 min  
 Lab File: BF093759.D  
 Acq: 20 Mar 2017 11:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 267061 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.6  | 18.6  | 28.0   |
| 138       | 32.7  | 25.4  | 38.0   |

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

