

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\  
 Data File : BF084173.D  
 Acq On : 31 Dec 2015 3:39  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 12/31/2015 6:41:39 PM

Quant Time: Dec 31 10:05:21 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 31 04:29:55 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 330803   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.19  | 136  | 1390759  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.95  | 164  | 640087   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.42 | 188  | 1159714  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.07 | 240  | 915184   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.51 | 264  | 690941   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1773262 | 85.96 | ng | 0.00 |
| 7) Phenol-d6             | 6.52  | 99  | 2016612 | 75.52 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 2024129 | 86.00 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 500665  | 78.37 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.26  | 172 | 2850037 | 73.50 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.01 | 244 | 2627215 | 67.61 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 399272  | 40.38 | ng | 99     |
| 3) Pyridine                    | 3.25 | 79  | 1163714 | 42.85 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 575513  | 42.63 | ng | 99     |
| 6) Aniline                     | 6.57 | 93  | 1564873 | 41.02 | ng | 100    |
| 8) 2-Chlorophenol              | 6.68 | 128 | 914423  | 38.95 | ng | 99     |
| 9) Benzaldehyde                | 6.44 | 77  | 624218  | 37.50 | ng | 99     |
| 10) Phenol                     | 6.53 | 94  | 1082921 | 34.22 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 874645  | 38.40 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 988006  | 40.74 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 1024798 | 42.28 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 859481  | 40.72 | ng | 98     |
| 15) Benzyl Alcohol             | 7.05 | 79  | 943032  | 42.32 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 1615697 | 38.25 | ng | 99     |
| 17) 2-Methylphenol             | 7.15 | 107 | 777180  | 39.80 | ng | 99     |
| 18) Hexachloroethane           | 7.41 | 117 | 396885  | 41.52 | ng | # 70   |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 683006  | 38.86 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.31 | 107 | 1016585 | 43.11 | ng | 99     |
| 22) Acetophenone               | 7.31 | 105 | 1306570 | 38.52 | ng | 100    |
| 24) Nitrobenzene               | 7.48 | 77  | 930017  | 38.36 | ng | 98     |
| 25) Isophorone                 | 7.73 | 82  | 1893452 | 39.51 | ng | 100    |
| 26) 2-Nitrophenol              | 7.80 | 139 | 449979  | 42.84 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.84 | 122 | 866272  | 38.48 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93  | 1072481 | 36.92 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 792454  | 41.35 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 844670  | 41.57 | ng | 98     |
| 31) Naphthalene                | 8.21 | 128 | 2584440 | 40.68 | ng | 100    |
| 32) Benzoic acid               | 7.95 | 122 | 614714  | 37.10 | ng | 98     |
| 33) 4-Chloroaniline            | 8.26 | 127 | 1224587 | 42.21 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.34 | 225 | 445058  | 38.43 | ng | 100    |
| 35) Caprolactam                | 8.64 | 113 | 270963  | 40.80 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.74 | 107 | 918033  | 41.80 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 1633943 | 36.31 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 777569  | 42.81 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.06 | 237 | 491498  | 42.70 | ng | 100    |

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Manual Integrations  
 APPROVED

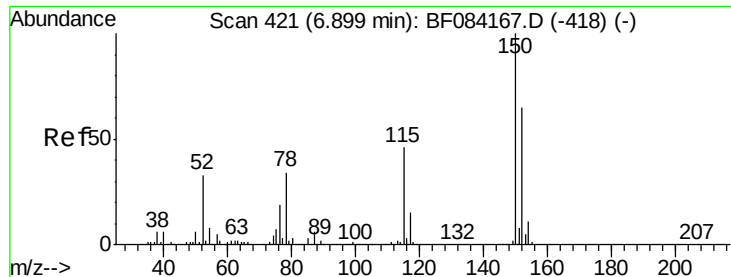
Sohil  
 12/31/2015 6:41:39 PM

Quant Time: Dec 31 10:05:21 2015  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.17  | 196  | 519498   | 38.62 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.21  | 196  | 518994   | 38.71 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.37  | 154  | 1971389  | 38.96 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 1505461  | 38.41 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.48  | 65   | 544937   | 44.60 | nq    | 99       |
| 48) Acenaphthylene             | 9.80  | 152  | 2439094  | 37.11 | nq    | 100      |
| 49) Dimethylphthalate          | 9.68  | 163  | 1910561  | 41.55 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.73  | 165  | 411620   | 39.86 | nq    | 94       |
| 51) Acenaphthene               | 9.98  | 154  | 1647058  | 39.77 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.89  | 138  | 453403   | 39.49 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.00 | 184  | 200846   | 56.19 | nq    | 92       |
| 54) Dibenzofuran               | 10.16 | 168  | 2189379  | 38.58 | nq    | 98       |
| 55) 4-Nitrophenol              | 10.04 | 139  | 415039   | 46.87 | nq    | 100      |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 518243   | 39.73 | nq    | # 20     |
| 57) Fluorene                   | 10.49 | 166  | 1540108  | 36.96 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 442629   | 37.91 | nq    | 98       |
| 59) Diethylphthalate           | 10.37 | 149  | 1936912  | 44.96 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204  | 770653   | 43.26 | nq    | 98       |
| 61) 4-Nitroaniline             | 10.51 | 138  | 500500   | 46.67 | nq    | 95       |
| 62) Azobenzene                 | 10.65 | 77   | 2155710  | 42.79 | nq    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 262382   | 52.16 | nq    | 99       |
| 65) n-Nitrosodiphenylamine     | 10.60 | 169  | 1402373  | 38.14 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.98 | 248  | 538076   | 43.24 | nq    | 97       |
| 67) Hexachlorobenzene          | 11.04 | 284  | 509778   | 37.74 | nq    | 99       |
| 68) Atrazine                   | 11.13 | 200  | 441935   | 36.41 | nq    | 99       |
| 69) Pentachlorophenol          | 11.23 | 266  | 373288   | 45.35 | nq    | 100      |
| 70) Phenanthrene               | 11.45 | 178  | 2433554  | 37.19 | nq    | 100      |
| 71) Anthracene                 | 11.50 | 178  | 2489343  | 41.49 | nq    | 99       |
| 72) Carbazole                  | 11.65 | 167  | 2056428  | 36.02 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.00 | 149  | 2698221  | 41.92 | nq    | 99       |
| 74) Fluoranthene               | 12.64 | 202  | 2349510  | 41.37 | nq    | 99       |
| 76) Benzidine                  | 12.76 | 184  | 1380008  | 38.55 | nq    | 99       |
| 77) Pyrene                     | 12.87 | 202  | 2408029  | 34.80 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.49 | 149  | 1262612  | 41.96 | nq    | 96       |
| 80) Benzo(a)anthracene         | 14.05 | 228  | 2040170  | 38.62 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.02 | 252  | 813857   | 40.81 | nq    | 99       |
| 82) Chrysene                   | 14.09 | 228  | 1666081  | 34.22 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.05 | 149  | 1399640  | 38.15 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.67 | 149  | 2396370  | 40.49 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.92 | 276  | 1543908  | 38.15 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 15.08 | 252  | 1939641  | 43.05 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 15.12 | 252  | 1309857m | 34.85 | nq    |          |
| 89) Benzo(a)pyrene             | 15.44 | 252  | 1559024  | 40.26 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.95 | 278  | 1272041  | 40.29 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.35 | 276  | 1289659  | 39.50 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

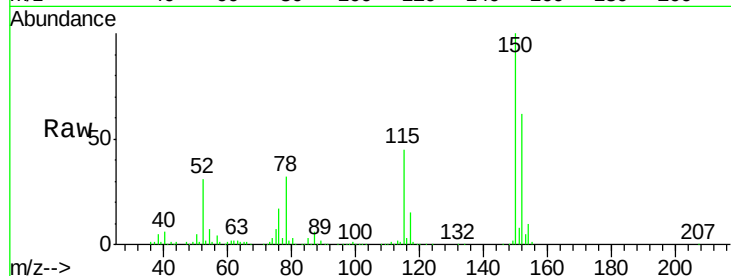
ClientSampleId :

SSTDCCC040

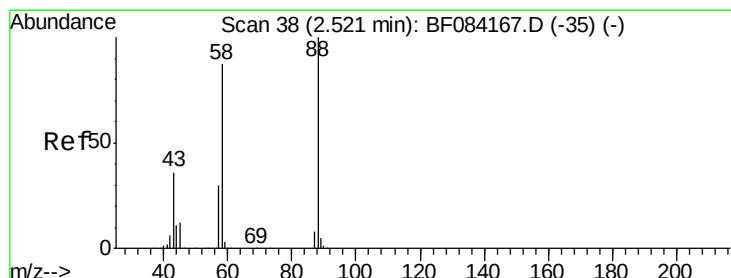
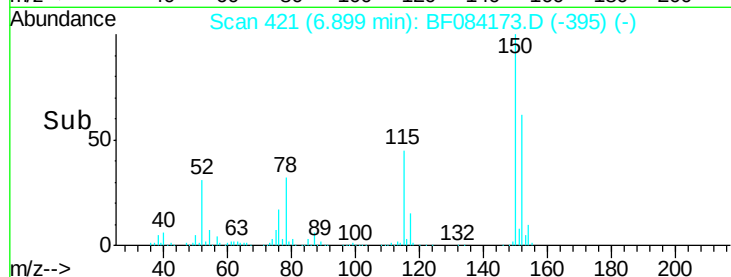
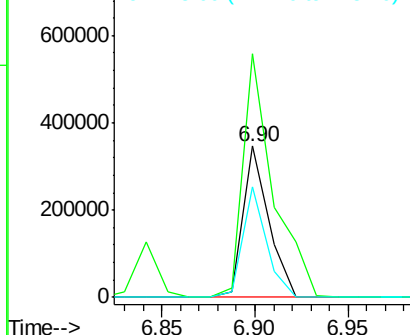
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 330803 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 161.0 | 123.8 | 185.8  |
| 115       | 73.1  | 57.1  | 85.7   |

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



#2

1,4-Dioxane

Concen: 40.38 ng

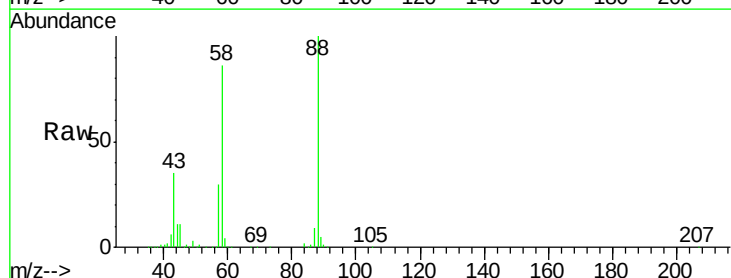
RT: 2.52 min Scan# 38

Delta R.T. 0.00 min

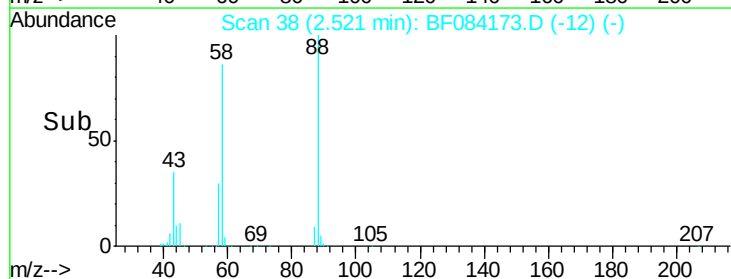
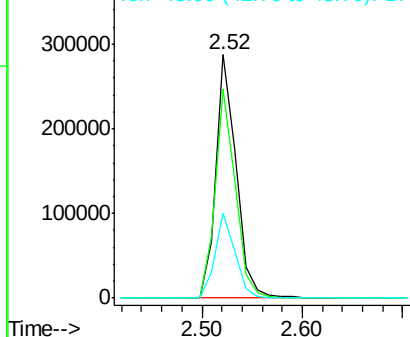
Lab File: BF084173.D

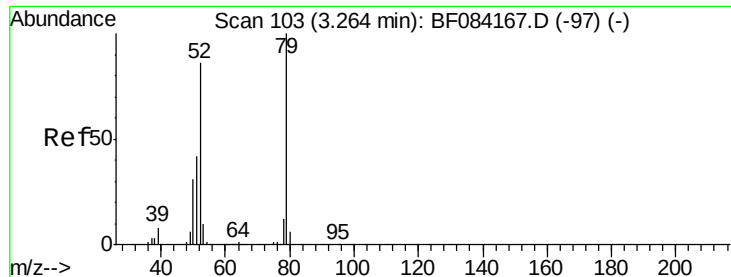
Acq: 31 Dec 2015 3:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 399272 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 86.2  | 67.8  | 101.6  |
| 43        | 34.7  | 27.8  | 41.8   |



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





#3

Pvridine

Concen: 42.85 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1163714

Ion Ratio Lower Upper

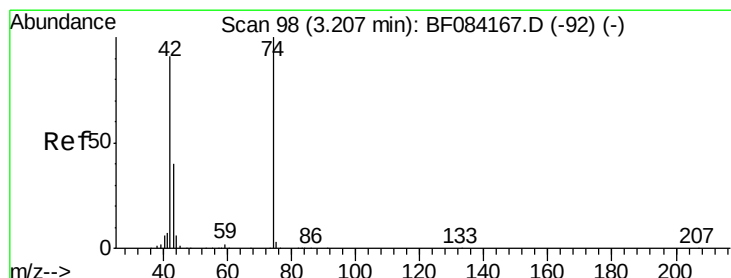
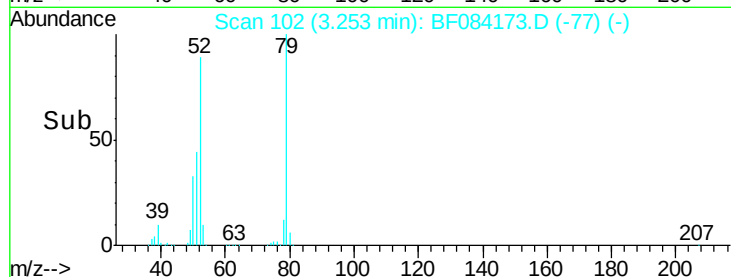
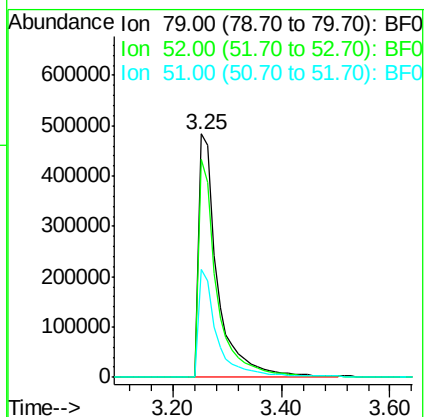
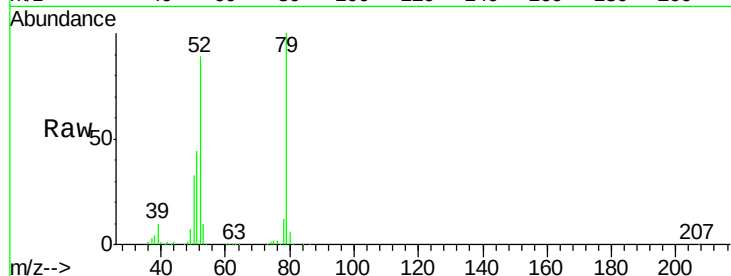
79 100

52 89.4 68.5 102.7

51 44.2 33.7 50.5

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 42.63 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

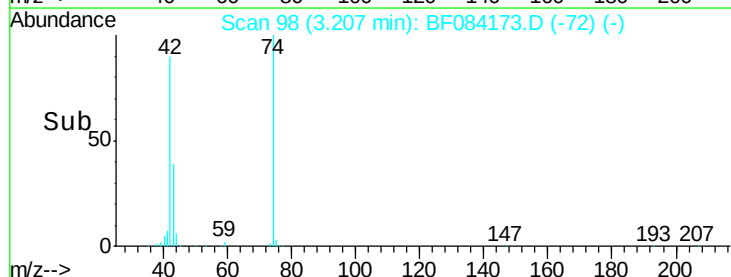
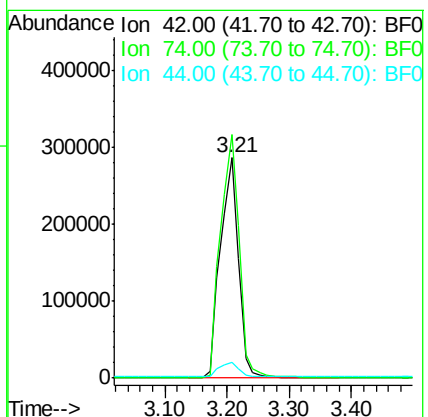
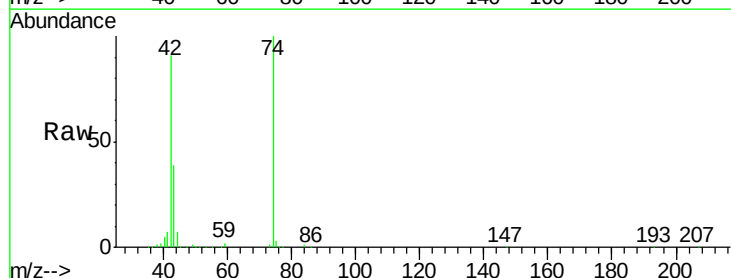
Tgt Ion: 42 Resp: 575513

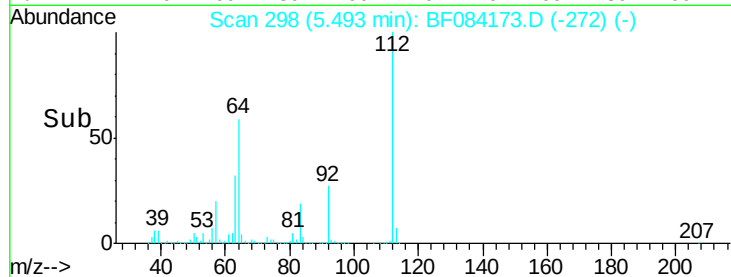
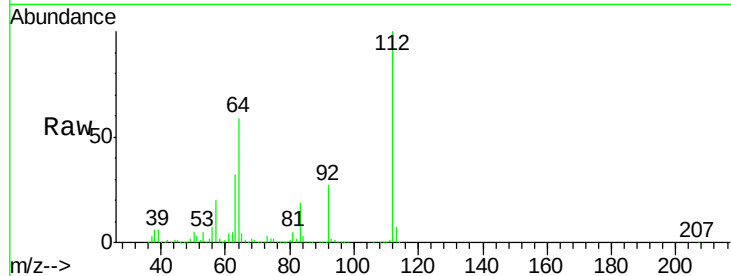
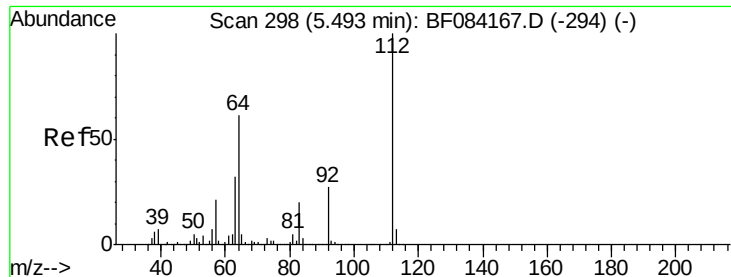
Ion Ratio Lower Upper

42 100

74 110.5 87.8 131.8

44 7.4 6.3 9.5





#5

2-Fluorophenol

Concen: 85.96 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084173.D

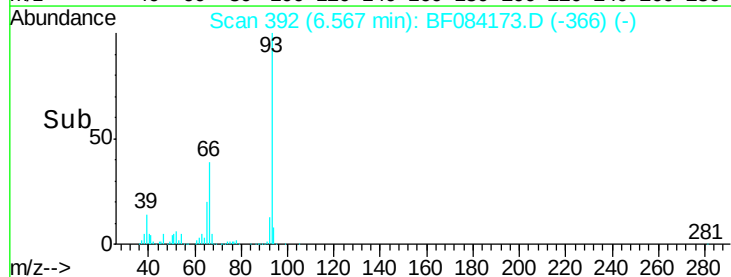
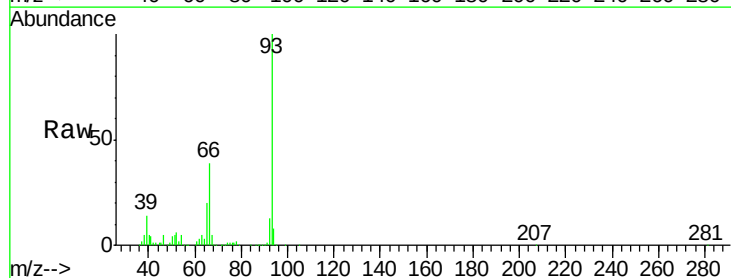
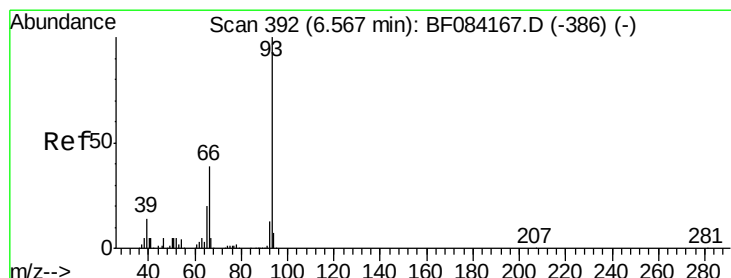
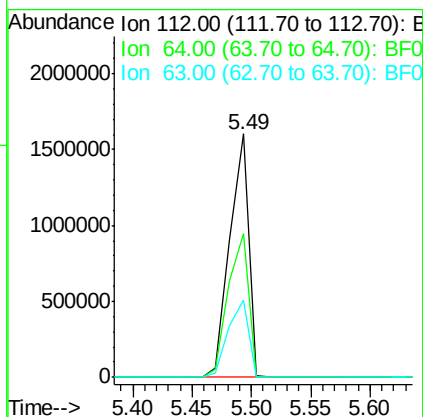
Acq: 31 Dec 2015 3:39

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1773262 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 58.8  | 48.7  | 73.1    |
| 63       | 31.6  | 25.9  | 38.9    |

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#6

Aniline

Concen: 41.02 ng

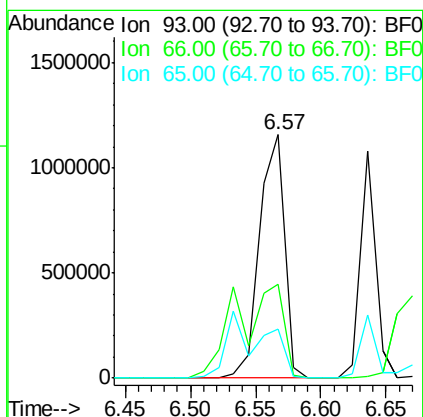
RT: 6.57 min Scan# 392

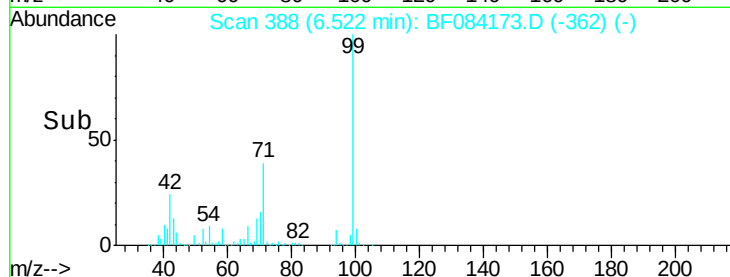
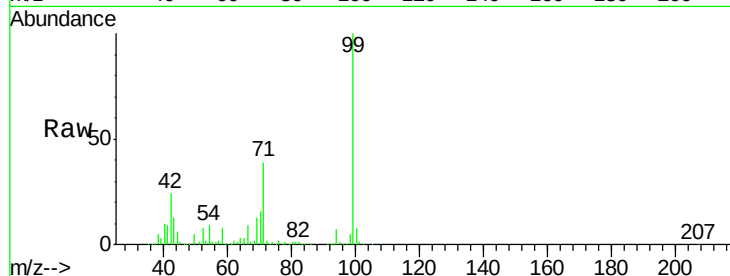
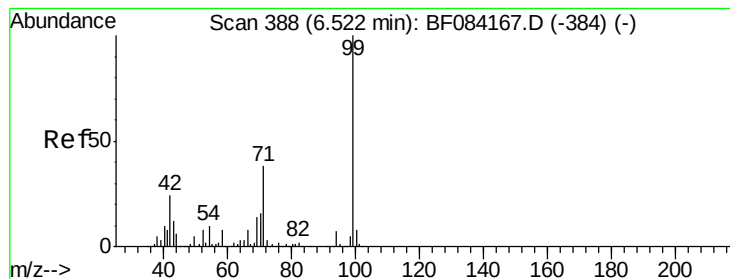
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1564873 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 38.8  | 31.2  | 46.8    |
| 65       | 20.3  | 16.2  | 24.4    |





#7

Phenol-d6

Concen: 75.52 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tot Ion: 99 Resp: 2016612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.2  | 19.2  | 28.8  |
| 71  | 38.6  | 30.4  | 45.6  |

Instrument :

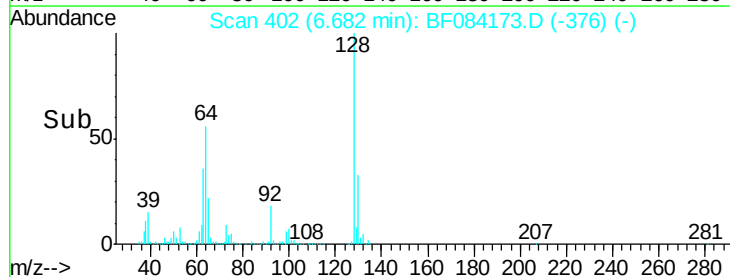
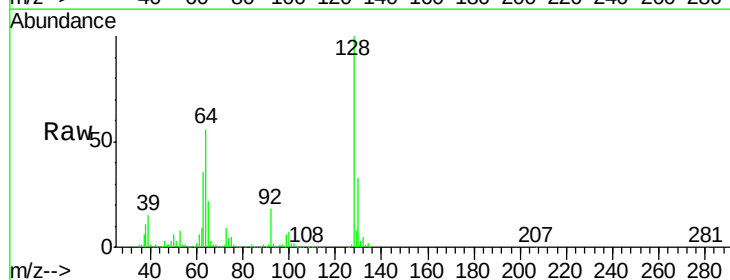
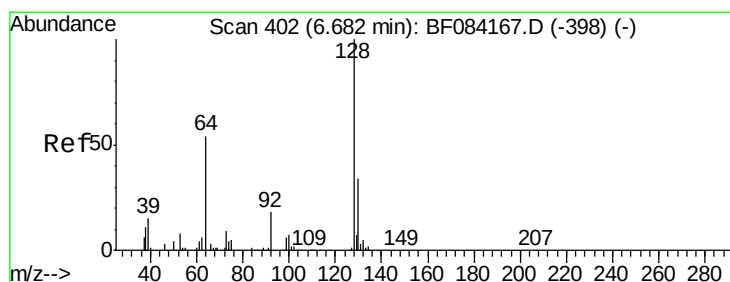
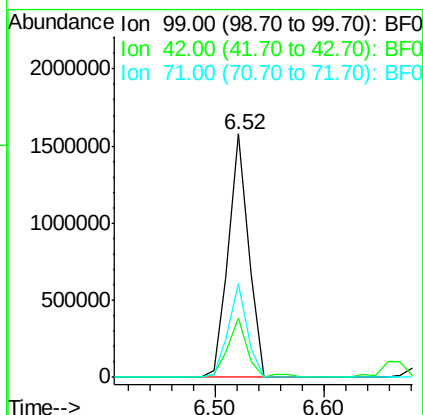
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
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12/31/2015 6:41:39 PM



#8

2-Chlorophenol

Concen: 38.95 ng

RT: 6.68 min Scan# 402

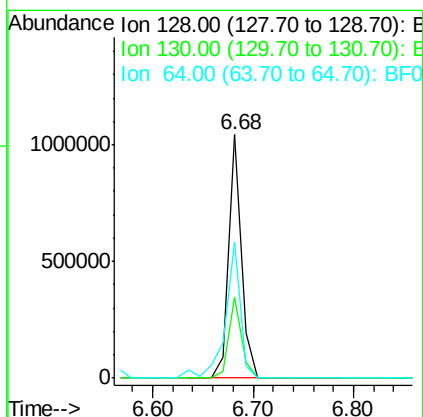
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Lab File: BF084173.D

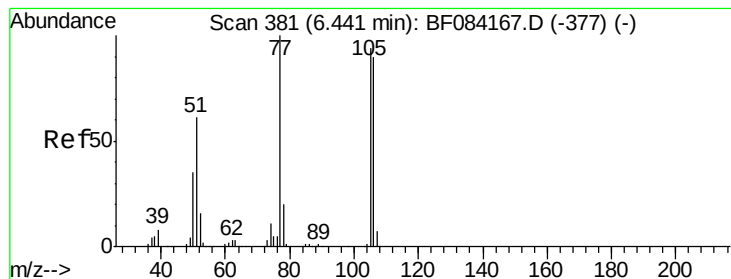
Acq: 31 Dec 2015 3:39

Tgt Ion: 128 Resp: 914423

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 13.5  | 53.5  |
| 64  | 55.7  | 36.9  | 76.9  |







#9

Benzaldehyde

Concen: 37.50 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

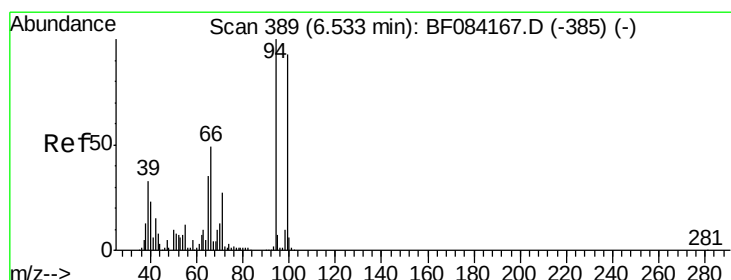
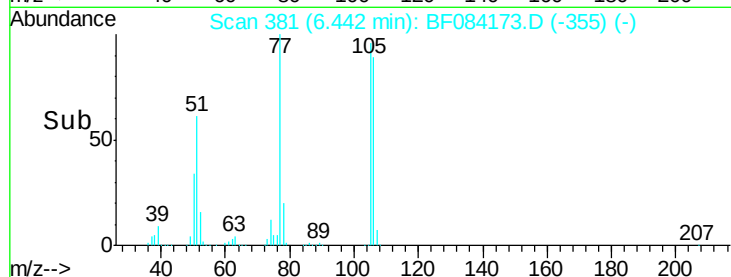
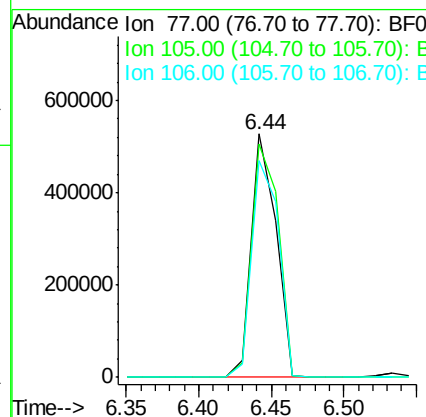
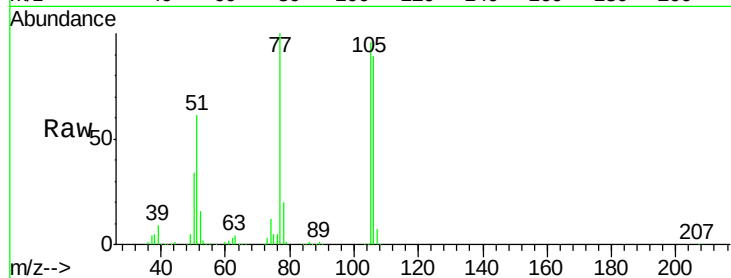
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 624218 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 95.6  | 73.7  | 113.7  |
| 106       | 89.2  | 69.5  | 109.5  |

Manual Integrations  
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12/31/2015 6:41:39 PM



#10

Phenol

Concen: 34.22 ng

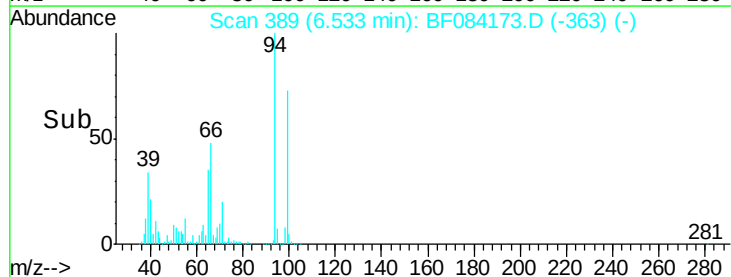
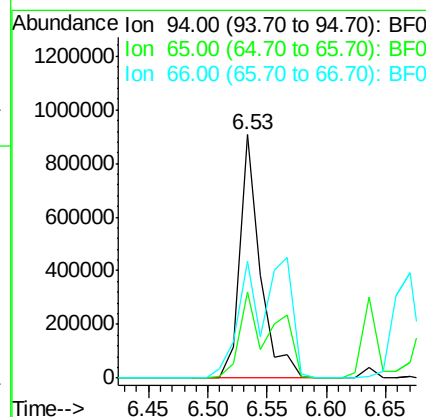
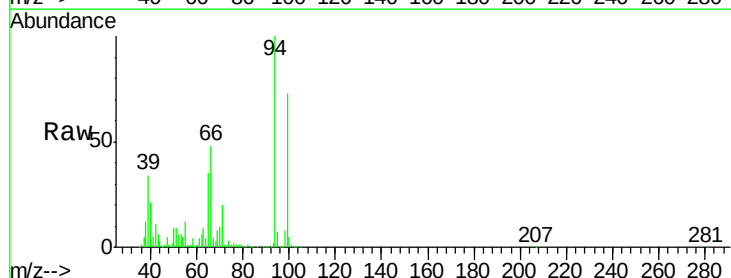
RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

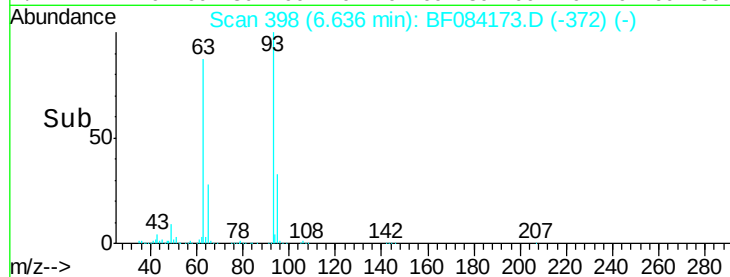
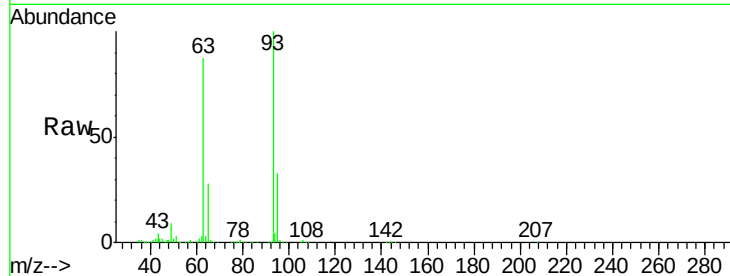
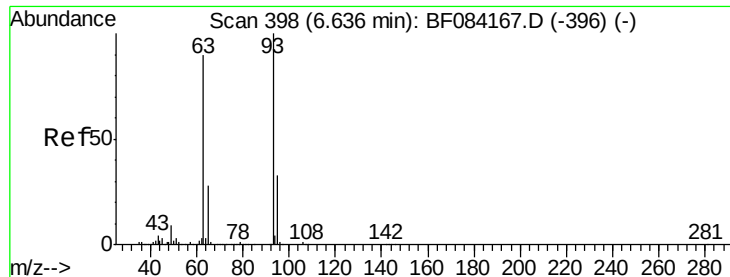
Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 94    | Resp: | 1082921 |
| Ion Ratio | Lower | Upper |         |
| 94        | 100   |       |         |
| 65        | 35.4  | 15.2  | 55.2    |
| 66        | 47.8  | 29.0  | 69.0    |







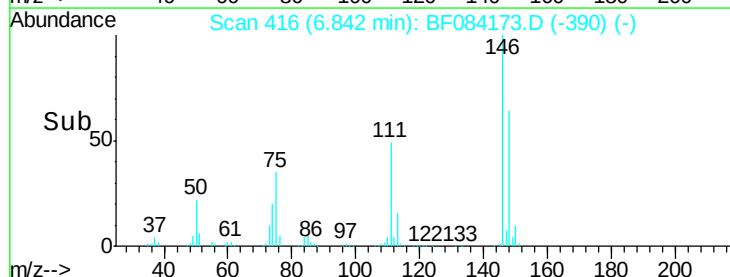
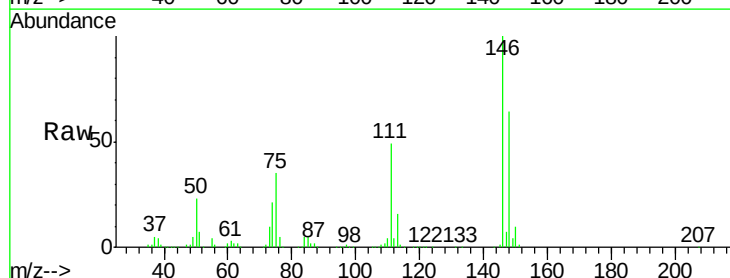
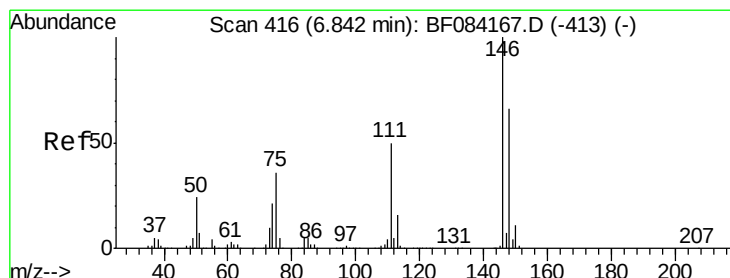
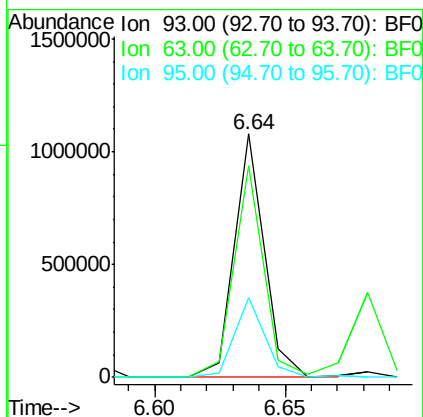
#11  
bis(2-Chloroethyl)ether  
Concen: 38.40 ng  
RT: 6.64 min Scan# 398  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tot Ion   | 93    | Resp  | 874645 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 86.9  | 69.5  | 109.5  |
| 95        | 32.9  | 13.5  | 53.5   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

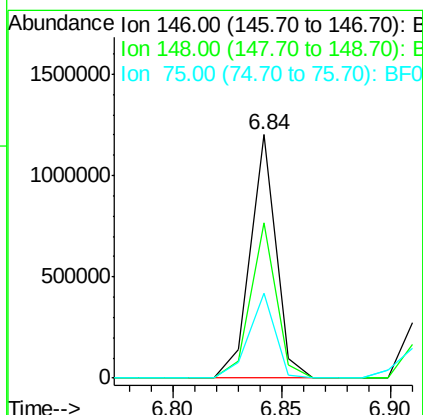
Manual Integrations  
APPROVED

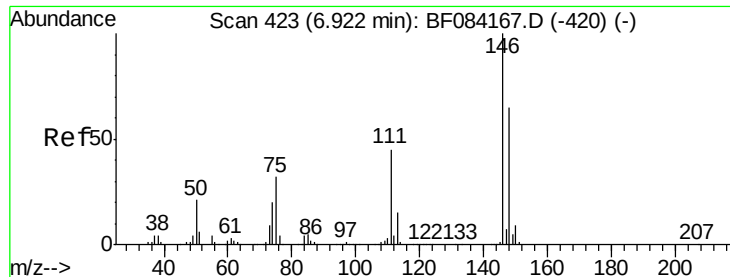
Sohil  
12/31/2015 6:41:39 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.74 ng  
RT: 6.84 min Scan# 416  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion   | 146   | Resp  | 988006 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 52.6  | 79.0   |
| 75        | 35.1  | 29.2  | 43.8   |





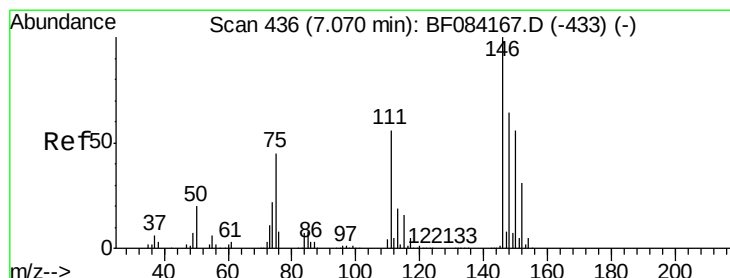
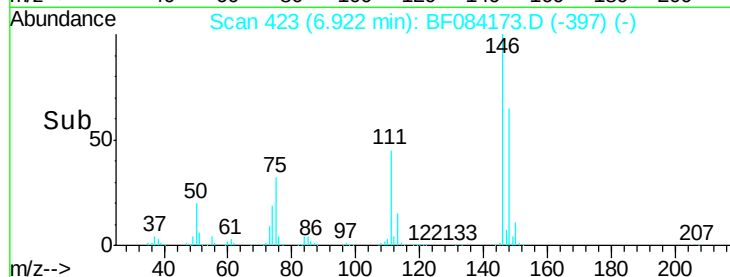
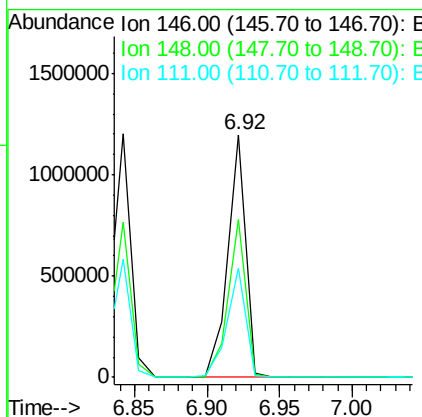
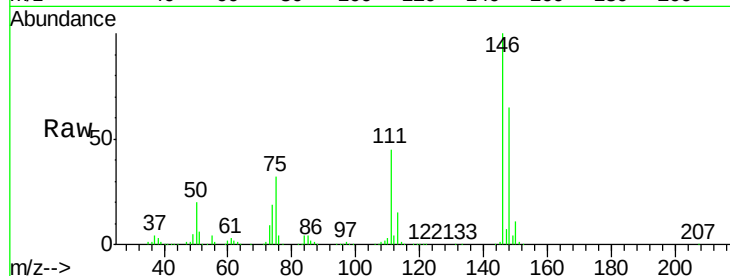
#13  
 1,4-Dichlorobenzene  
 Concen: 42.28 ng  
 RT: 6.92 min Scan# 423  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 52.2  | 78.2  |
| 111     | 44.9  | 36.2  | 54.2  |

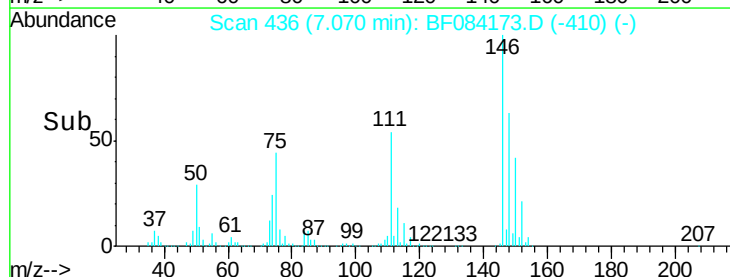
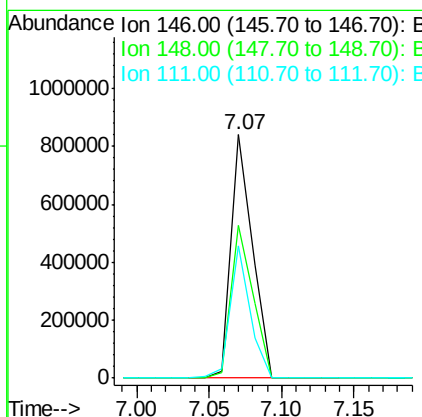
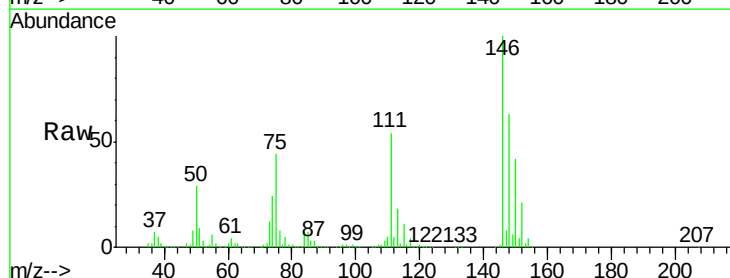
Manual Integrations  
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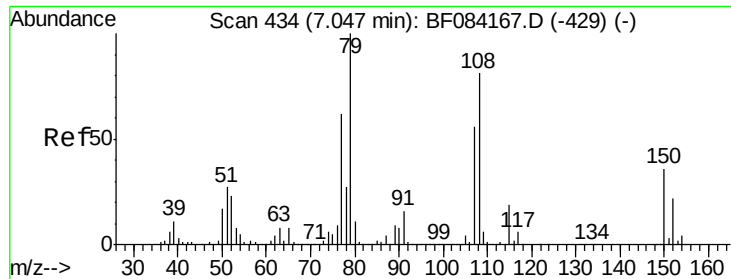
Sohil  
 12/31/2015 6:41:39 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.72 ng  
 RT: 7.07 min Scan# 436  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 51.3  | 76.9  |
| 111     | 54.3  | 45.0  | 67.4  |





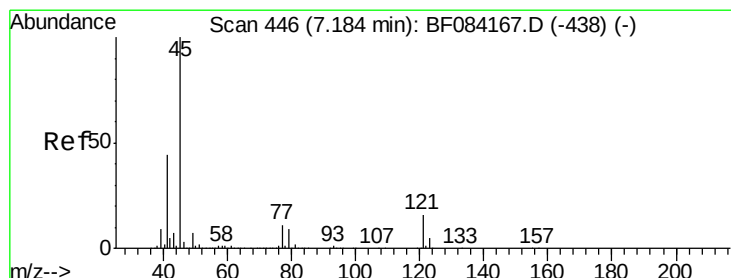
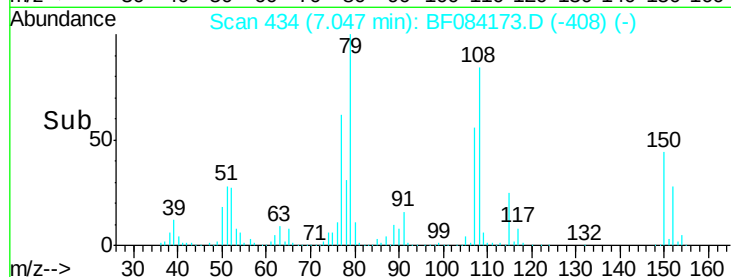
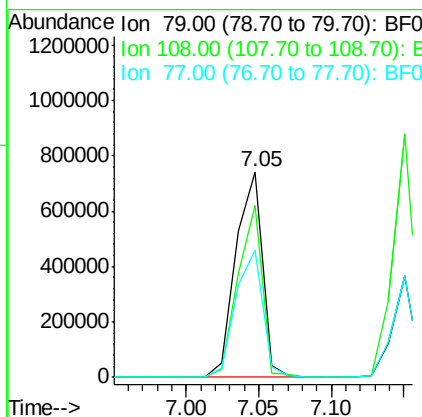
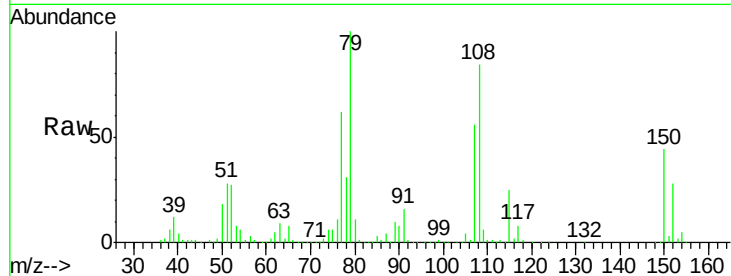
#15  
Benzyl Alcohol  
Concen: 42.32 ng  
RT: 7.05 min Scan# 434  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 84.0  | 65.1  | 97.7  |
| 77      | 62.2  | 49.8  | 74.8  |

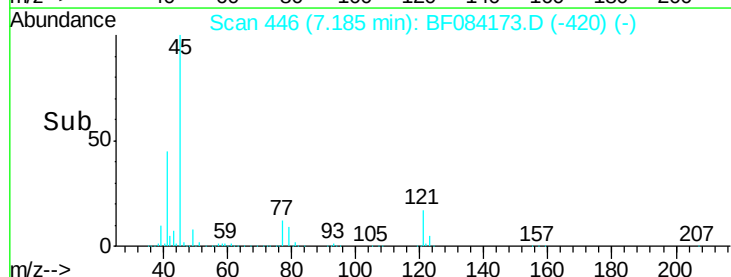
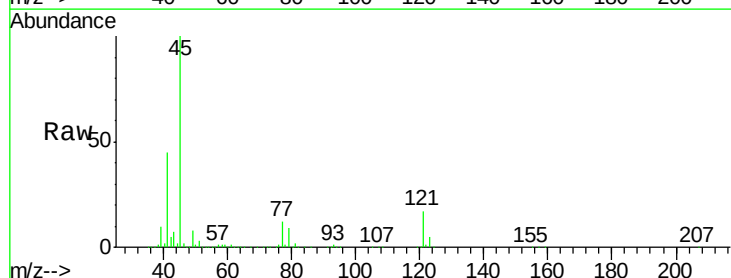
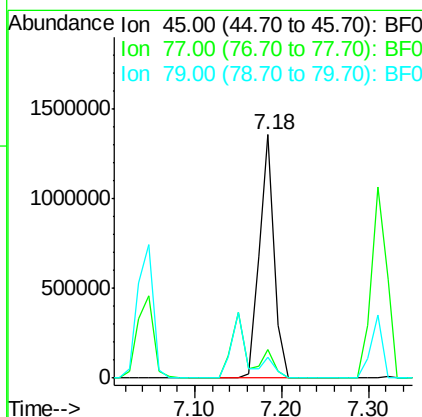
Manual Integrations  
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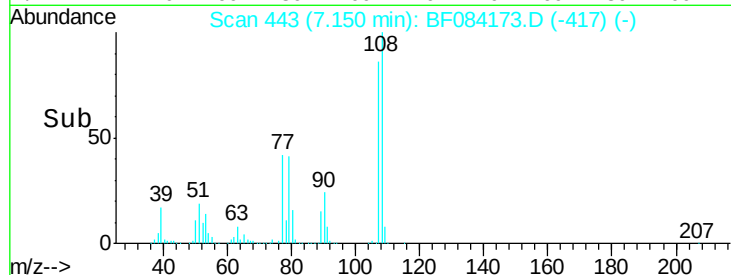
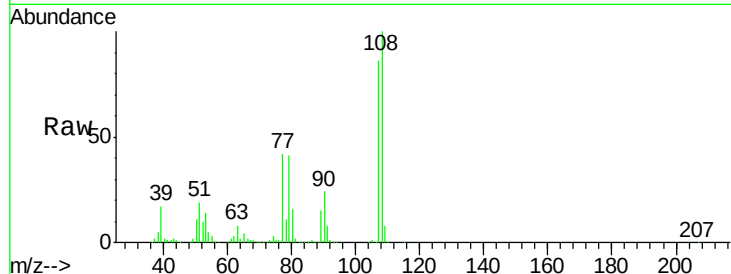
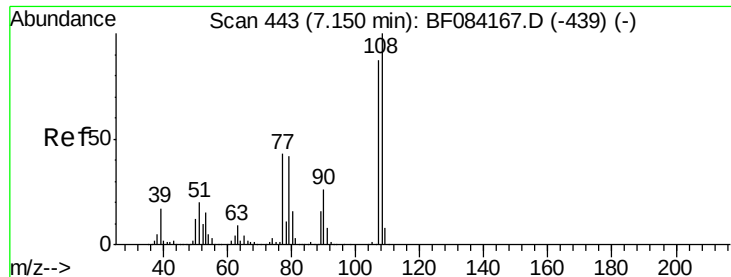
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.25 ng  
RT: 7.18 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

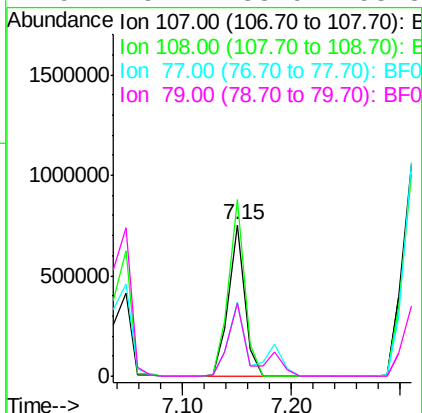
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.7  | 0.0   | 31.2  |
| 79      | 8.7   | 0.0   | 28.8  |





#17  
2-Methylphenol  
Concen: 39.80 ng  
RT: 7.15 min Scan# 443  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

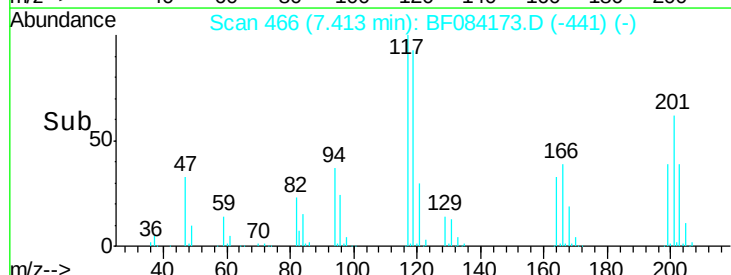
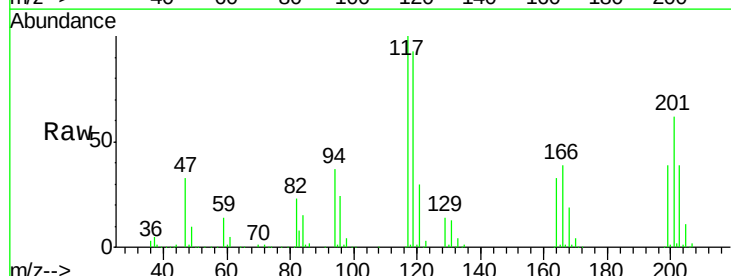
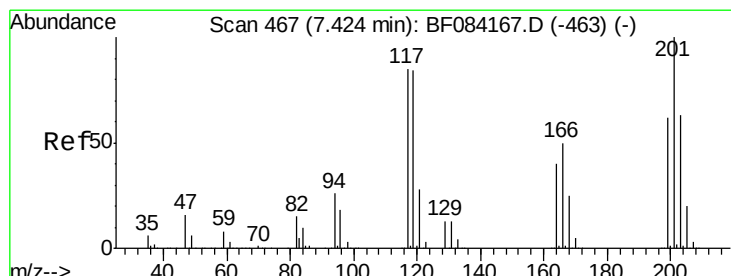
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.7 | 92.2 | 138.2 |       |
| 77      | 48.8  | 39.6 | 59.4  |       |
| 79      | 48.4  | 38.9 | 58.3  |       |



Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

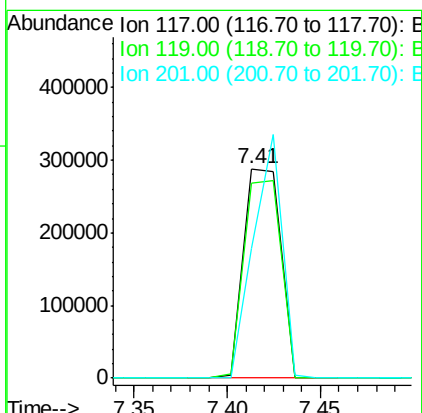
Manual Integrations  
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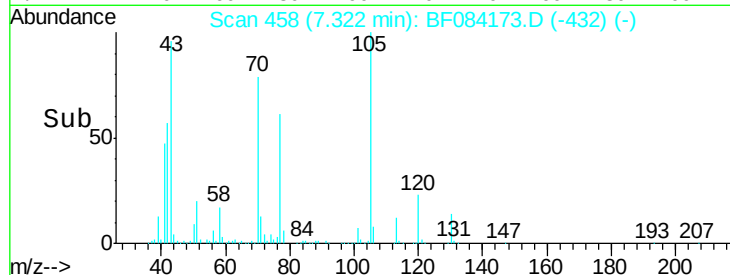
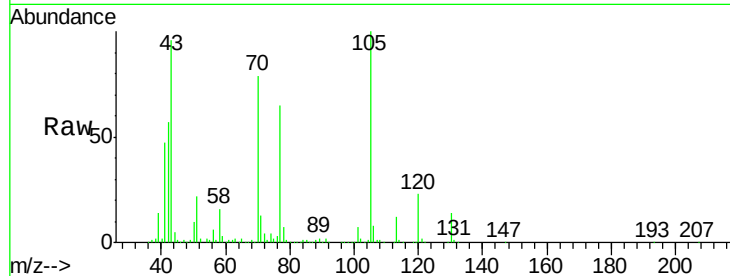
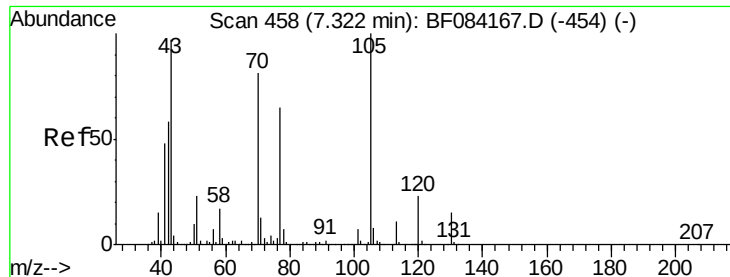
Sohil  
12/31/2015 6:41:39 PM



#18  
Hexachloroethane  
Concen: 41.52 ng  
RT: 7.41 min Scan# 466  
Delta R.T. -0.01 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 92.9  | 79.2 | 118.8  |       |
| 201     | 61.9  | 93.9 | 140.9# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 38.86 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

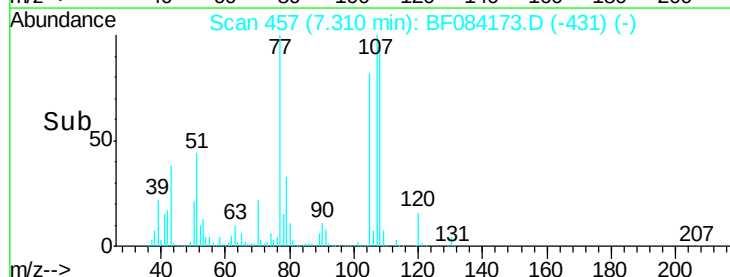
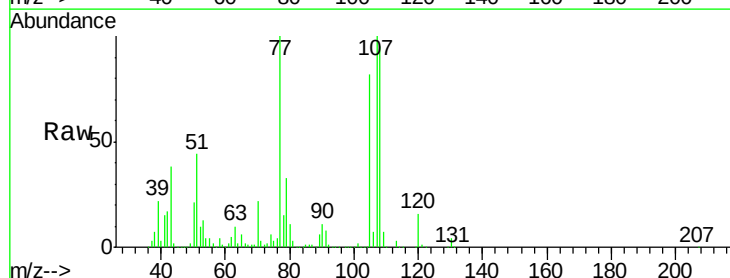
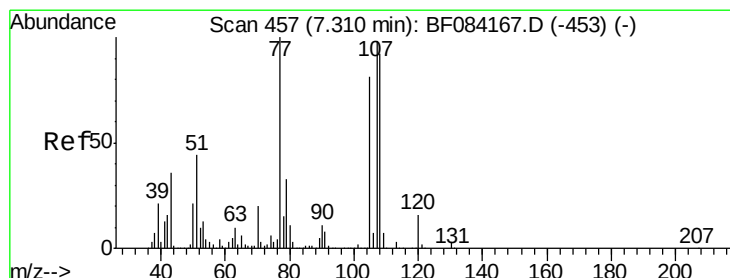
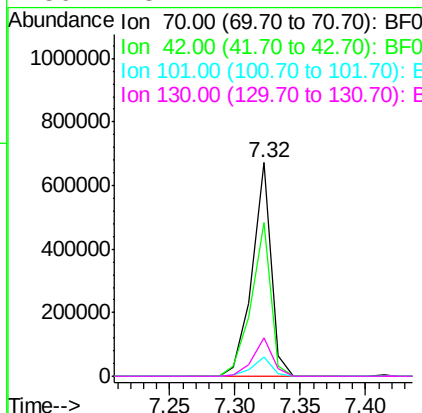
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 71.7 | 57.4  | 86.0  |       |
| 101     | 9.0  | 7.3   | 10.9  |       |
| 130     | 18.2 | 14.7  | 22.1  |       |

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#20

3+4-Methylphenols

Concen: 43.11 ng

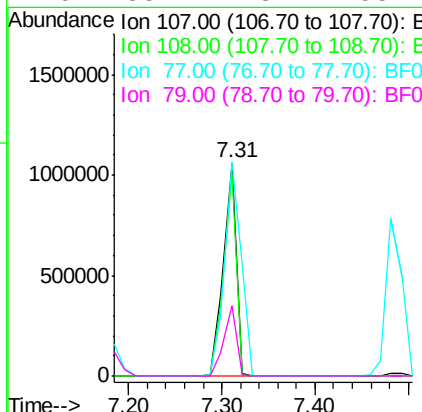
RT: 7.31 min Scan# 457

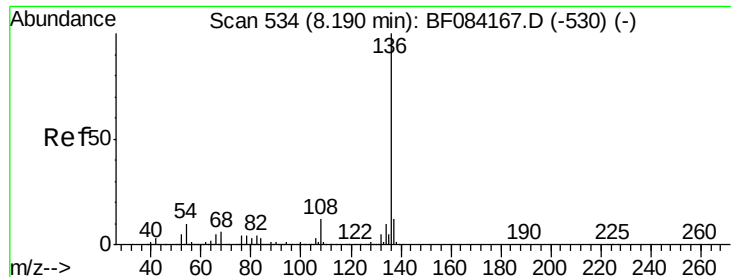
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 95.0  | 74.5  | 114.5 |       |
| 77      | 100.3 | 82.4  | 122.4 |       |
| 79      | 33.1  | 13.7  | 53.7  |       |





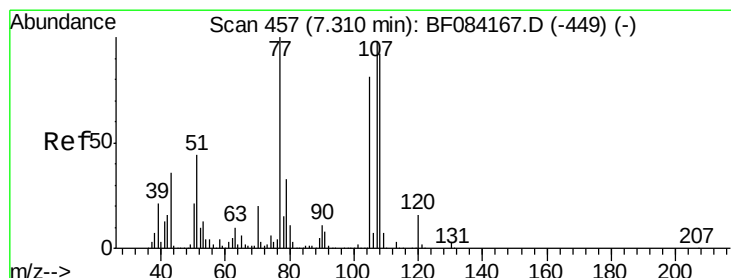
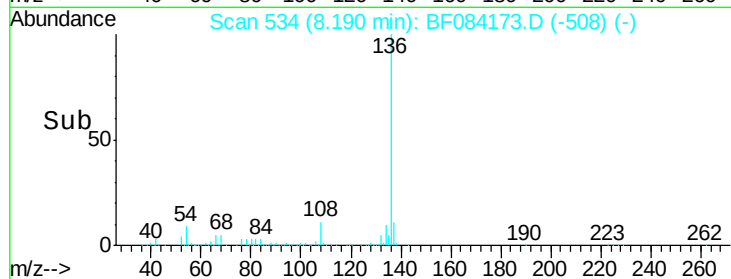
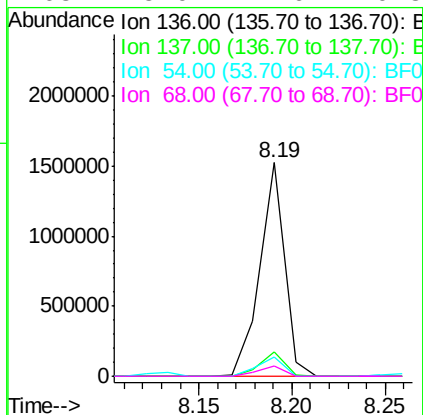
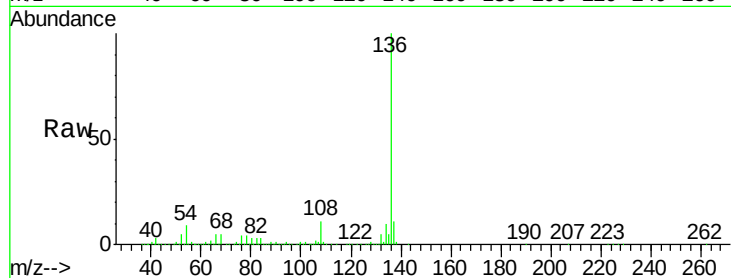
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.19 min Scan# 534  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | 136   | Resp  | 1390759 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 136     | 100   |       |         |
| 137     | 11.3  | 9.4   | 14.0    |
| 54      | 8.8   | 7.6   | 11.4    |
| 68      | 5.0   | 4.6   | 6.8     |

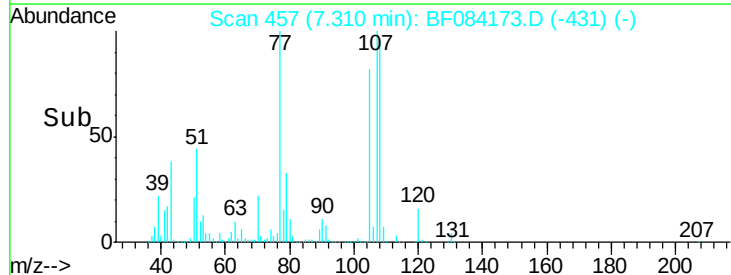
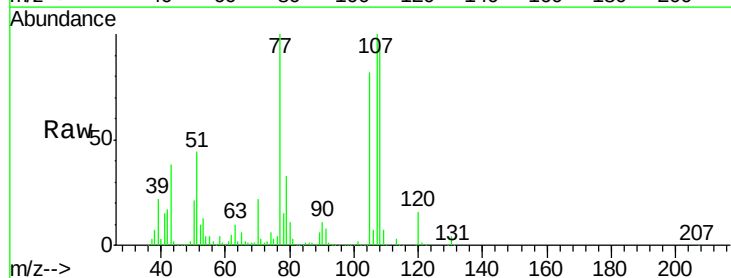
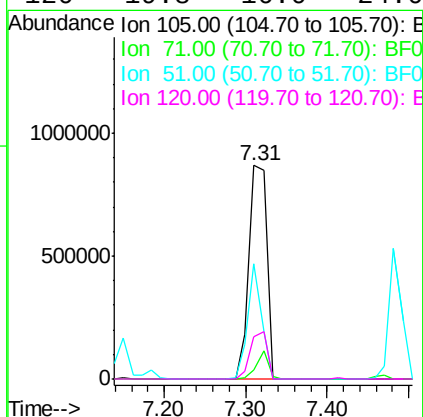
Manual Integrations  
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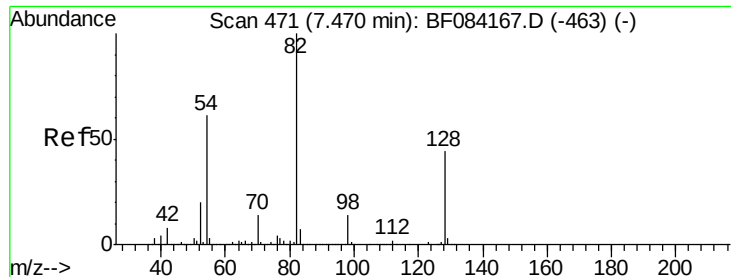
Sohil  
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#22  
Acetophenone  
Concen: 38.52 ng  
RT: 7.31 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | 105   | Resp  | 1306570 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 105     | 100   |       |         |
| 71      | 4.2   | 3.2   | 4.8     |
| 51      | 54.1  | 43.2  | 64.8    |
| 120     | 19.8  | 16.0  | 24.0    |





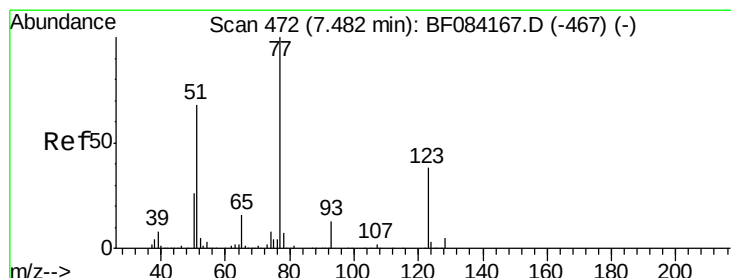
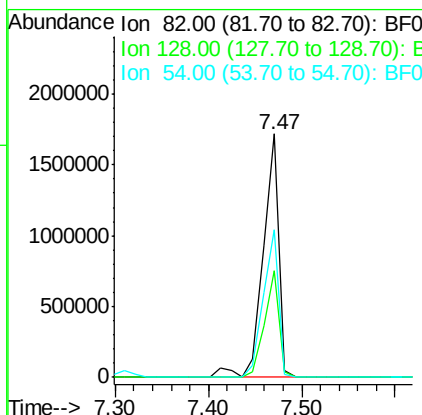
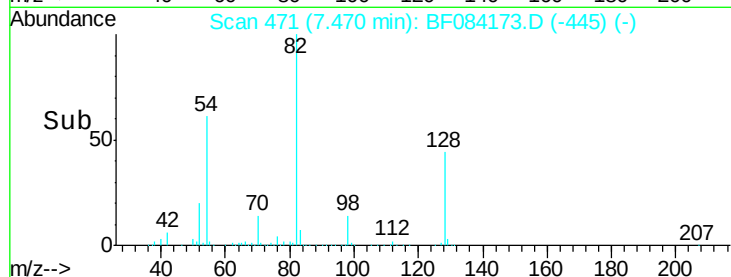
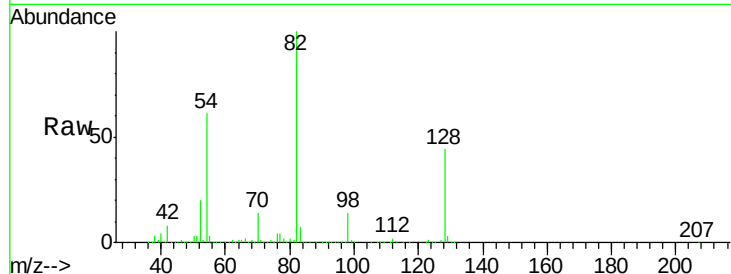
#23  
Nitrobenzene-d5  
Concen: 86.00 ng  
RT: 7.47 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 35.0  | 52.4  |
| 54      | 60.5  | 48.5  | 72.7  |

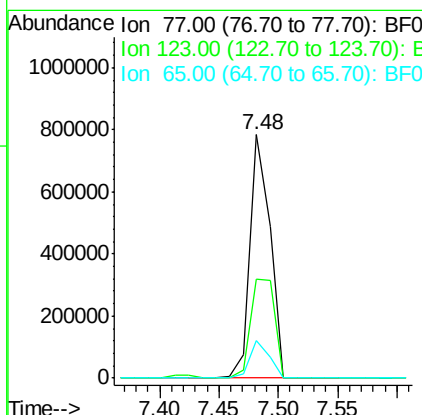
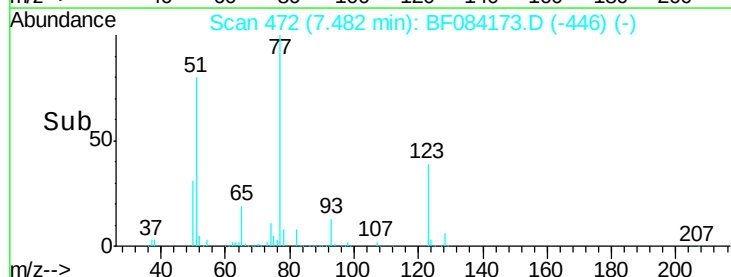
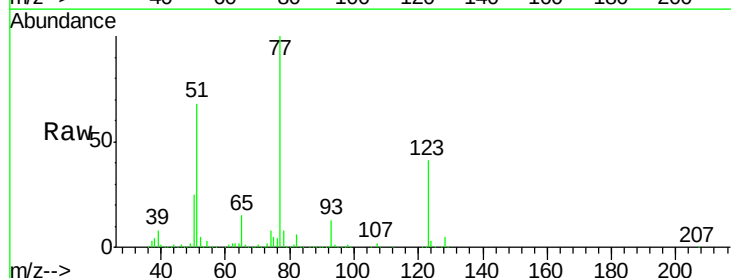
Manual Integrations  
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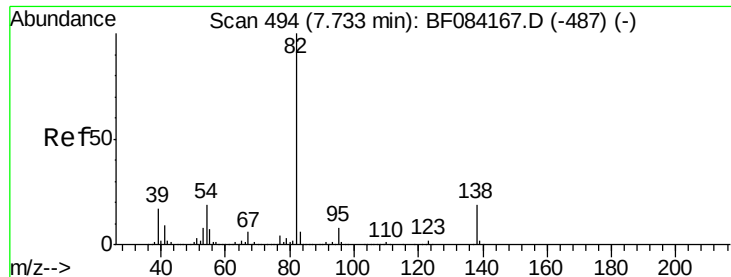


#24  
Nitrobenzene  
Concen: 38.36 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.5  | 31.3  | 46.9  |
| 65      | 15.4  | 12.6  | 19.0  |







#25

Isophorone

Concen: 39.51 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

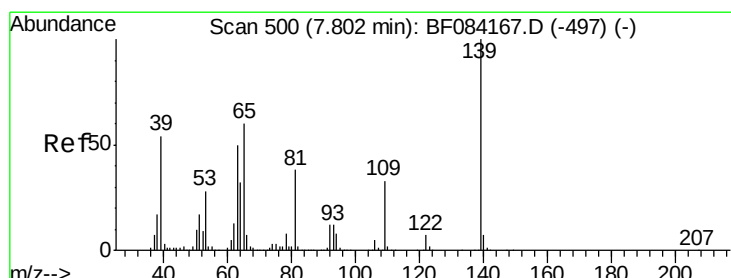
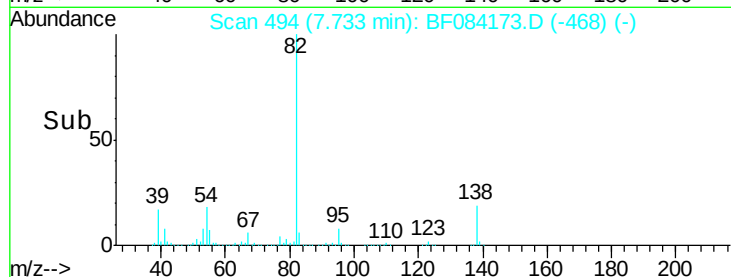
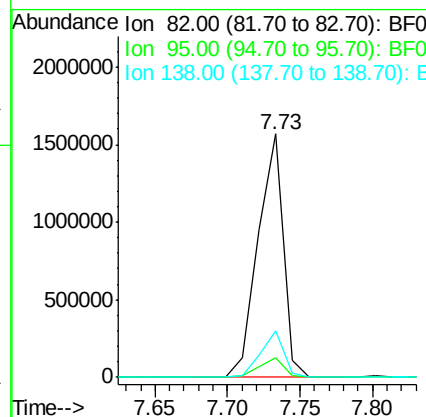
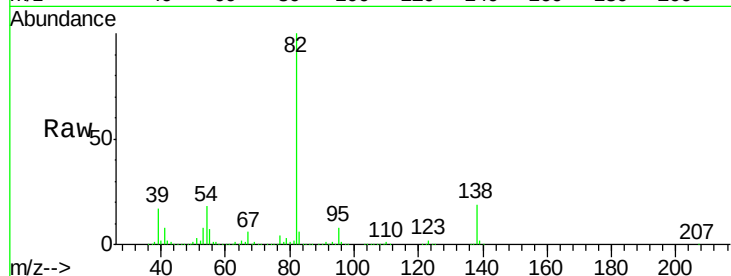
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 82    | Resp: | 1893452 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 7.8   | 6.5   | 9.7     |
| 138      | 18.9  | 15.1  | 22.7    |

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#26

2-Nitrophenol

Concen: 42.84 ng

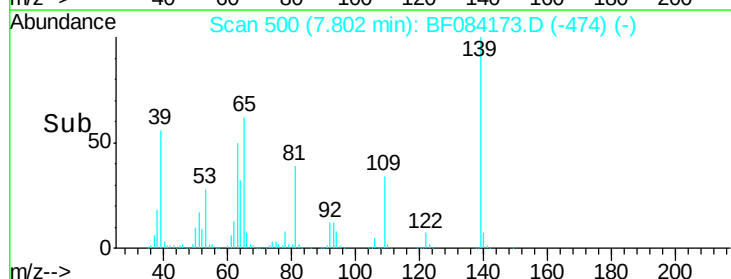
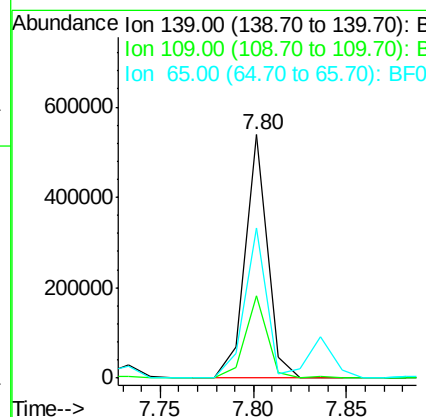
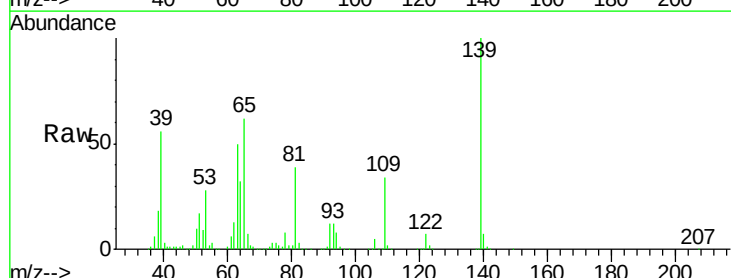
RT: 7.80 min Scan# 500

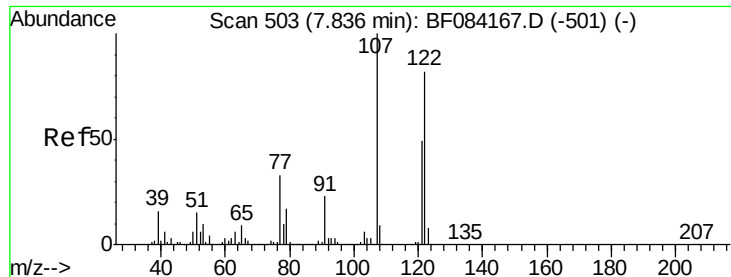
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 139   | Resp: | 449979 |
| Ion      | Ratio | Lower | Upper  |
| 139      | 100   |       |        |
| 109      | 34.0  | 26.2  | 39.4   |
| 65       | 61.6  | 48.2  | 72.4   |





#27

2,4-Dimethylphenol

Concen: 38.48 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

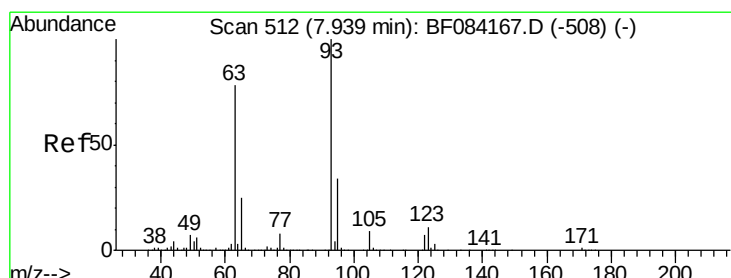
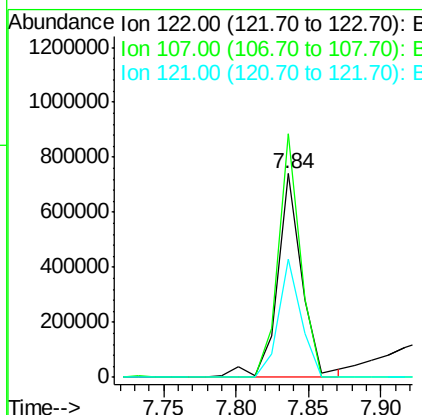
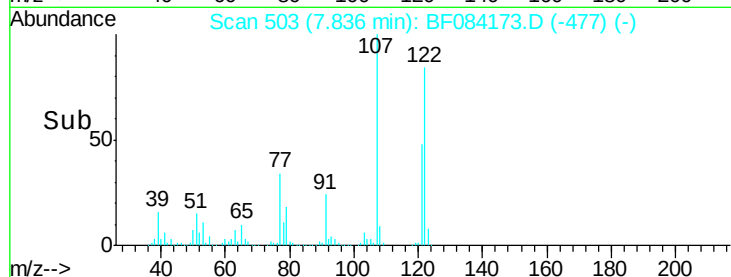
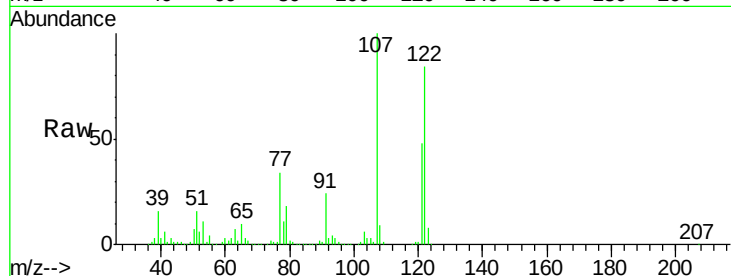
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 866272 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 119.4 | 96.8  | 145.2  |
| 121       | 57.8  | 47.0  | 70.6   |

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#28

bis(2-Chloroethoxy)methane

Concen: 36.92 ng

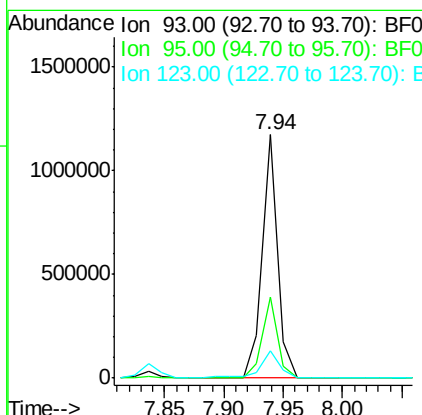
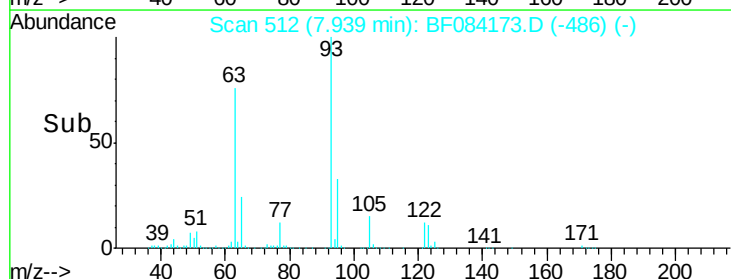
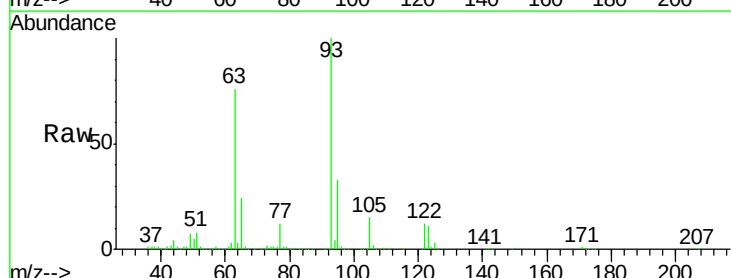
RT: 7.94 min Scan# 512

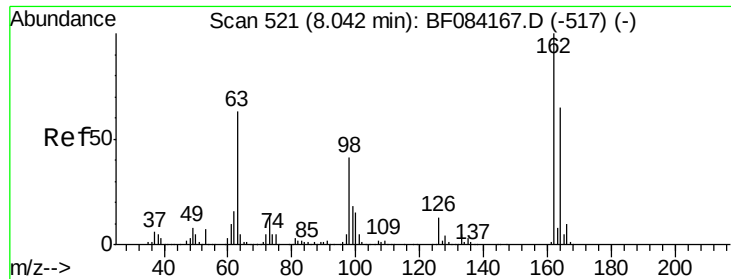
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1072481 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 33.2  | 27.1  | 40.7    |
| 123       | 11.0  | 8.8   | 13.2    |





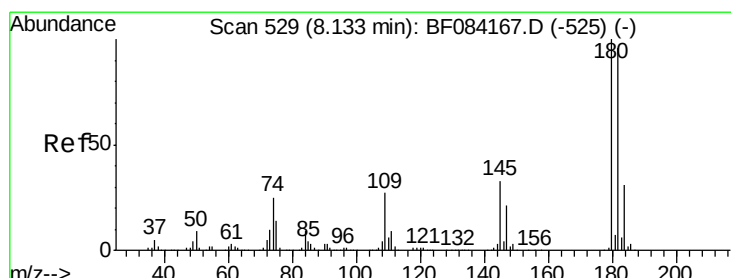
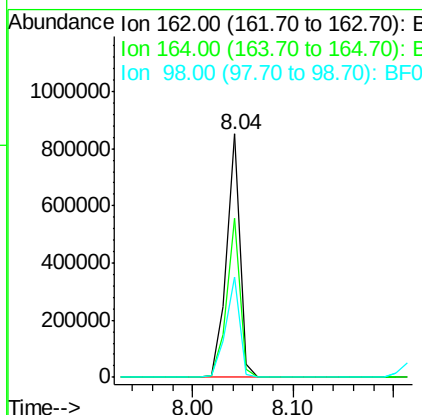
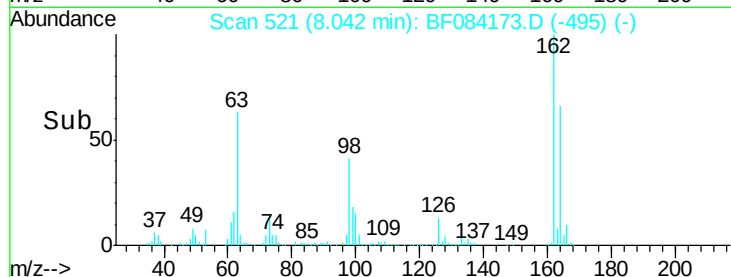
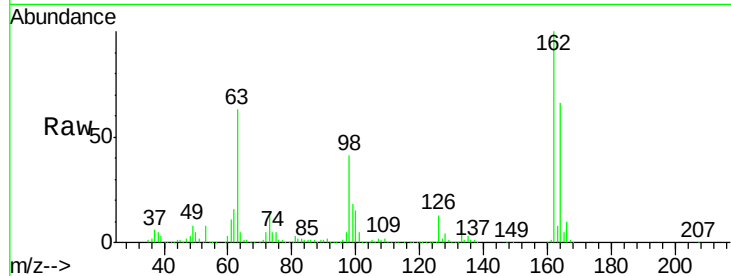
#29  
2,4-Dichlorophenol  
Concen: 41.35 ng  
RT: 8.04 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 792454 |       |       |
| 164     | 65.5  | 45.2   | 85.2  |       |
| 98      | 41.3  | 21.4   | 61.4  |       |

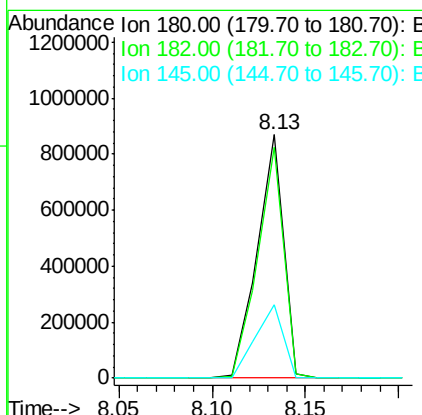
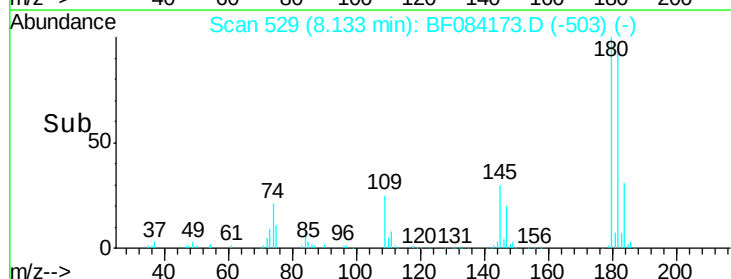
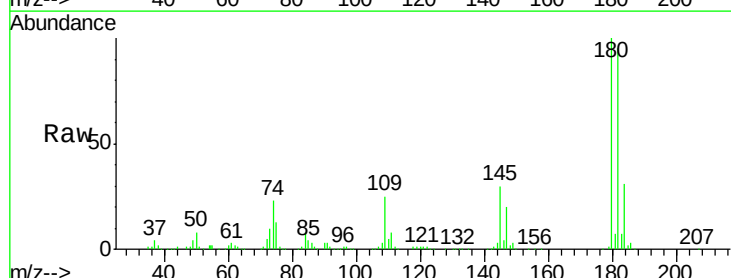
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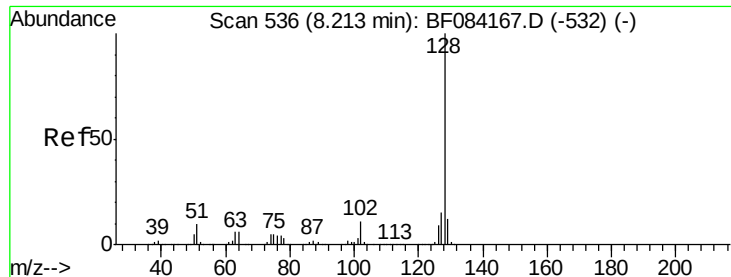
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.57 ng  
RT: 8.13 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 844670 |       |       |
| 182     | 94.9  | 76.6   | 114.8 |       |
| 145     | 30.1  | 26.2   | 39.4  |       |





#31

Naphthalene

Concen: 40.68 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2584440

Ion Ratio Lower Upper

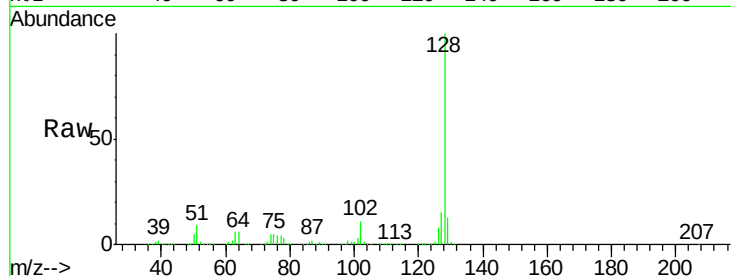
128 100

129 12.6 10.0 15.0

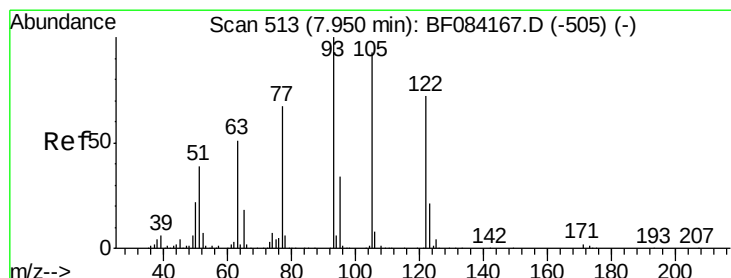
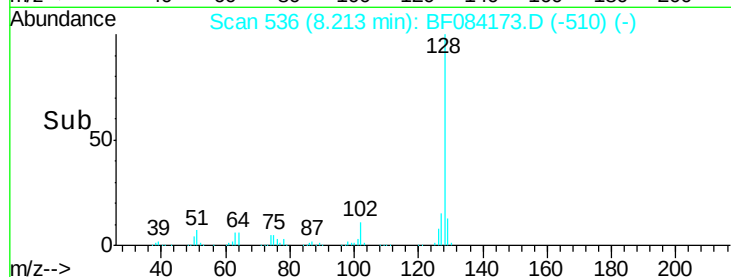
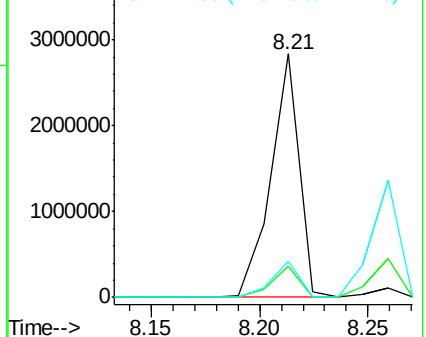
127 15.1 12.0 18.0

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



#32

Benzoic acid

Concen: 37.10 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

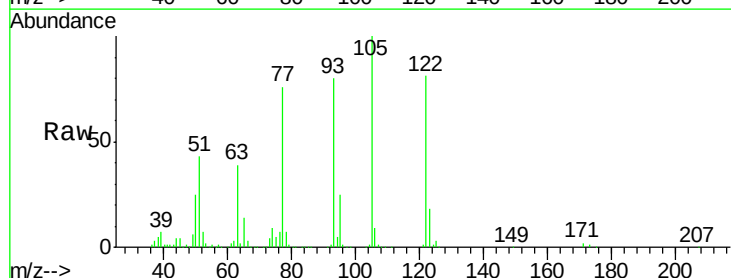
Tgt Ion:122 Resp: 614714

Ion Ratio Lower Upper

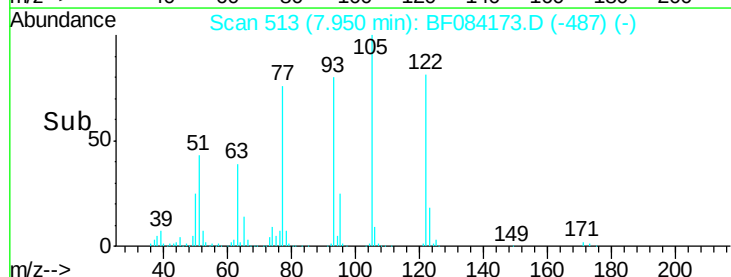
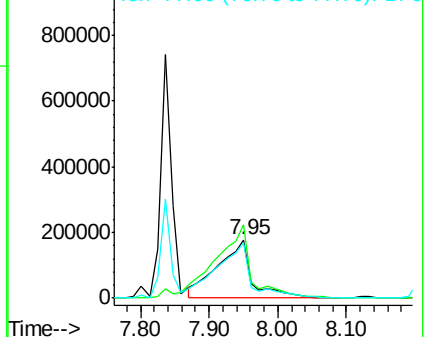
122 100

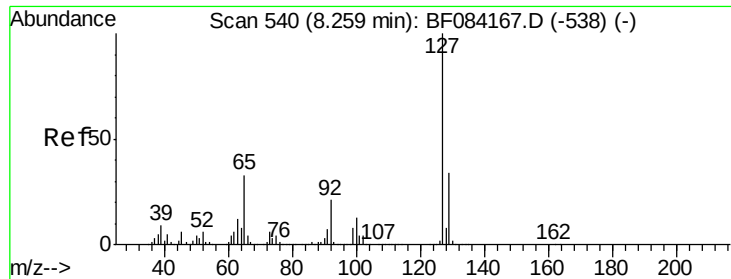
105 124.2 108.6 148.6

77 94.3 74.1 114.1



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





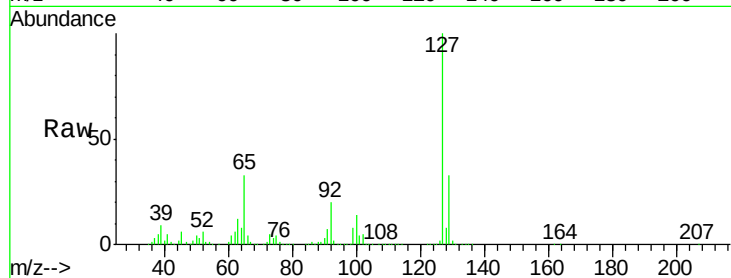
#33  
4-Chloroaniline  
Concen: 42.21 ng  
RT: 8.26 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

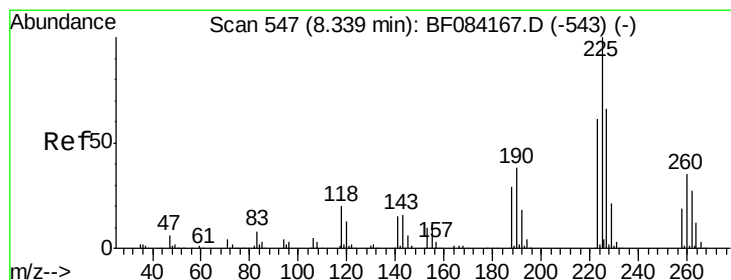
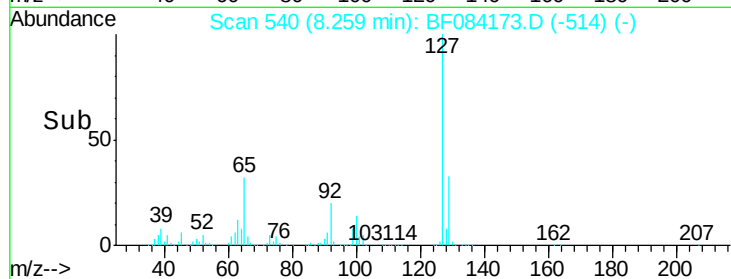
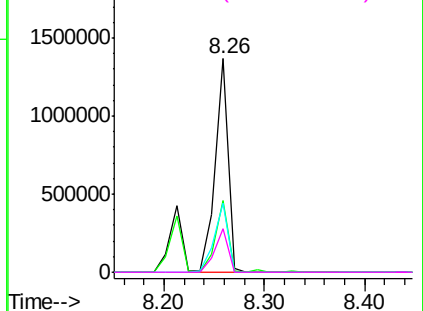
| Tot Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 127     | 100  |       | 1224587 |       |       |
| 129     | 33.4 | 27.0  | 40.6    |       |       |
| 65      | 32.6 | 26.6  | 40.0    |       |       |
| 92      | 20.4 | 16.5  | 24.7    |       |       |

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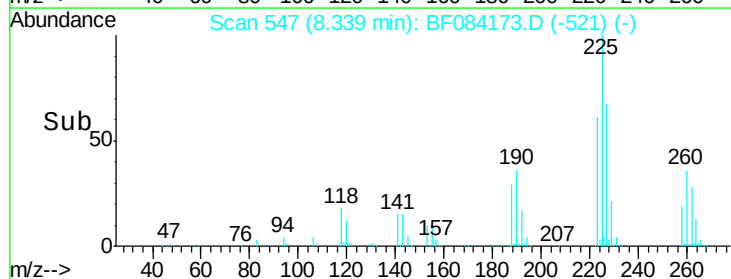
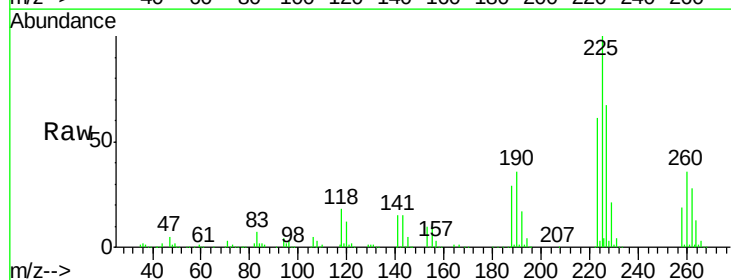
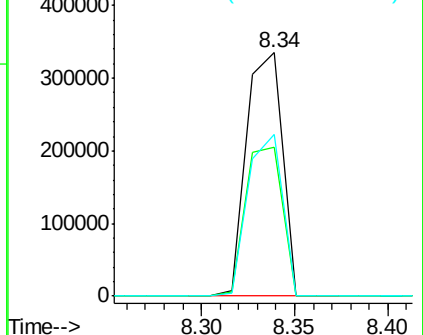
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

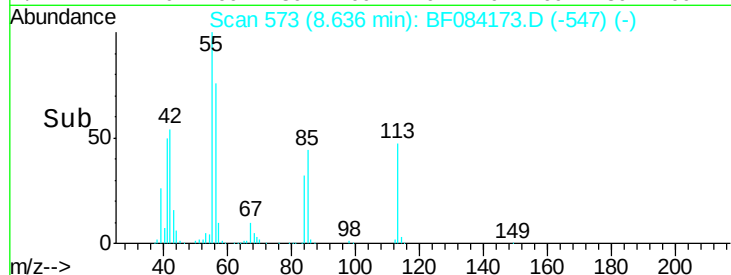
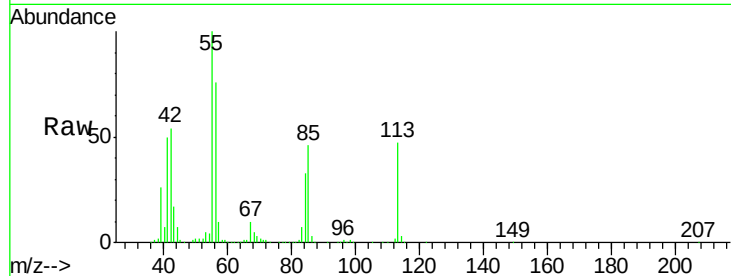
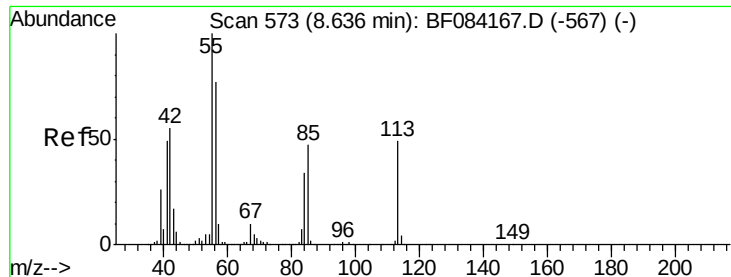


#34  
Hexachlorobutadiene  
Concen: 38.43 ng  
RT: 8.34 min Scan# 547  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 445058 |       |       |
| 223     | 61.3 | 49.0  | 73.6   |       |       |
| 227     | 66.6 | 53.0  | 79.4   |       |       |

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





#35

Caprolactam

Concen: 40.80 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 270963 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 211.4 | 186.0 | 226.0  |
| 56        | 159.7 | 138.7 | 178.7  |

Instrument :

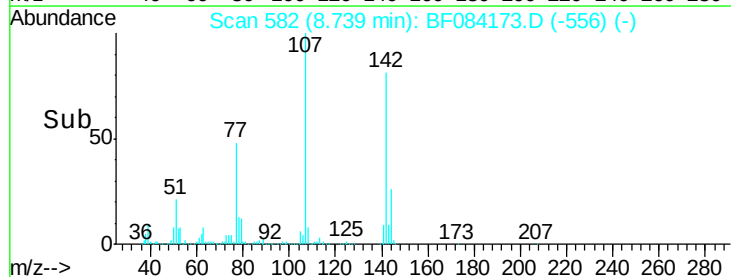
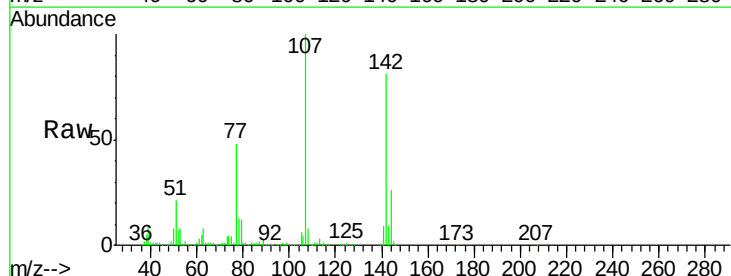
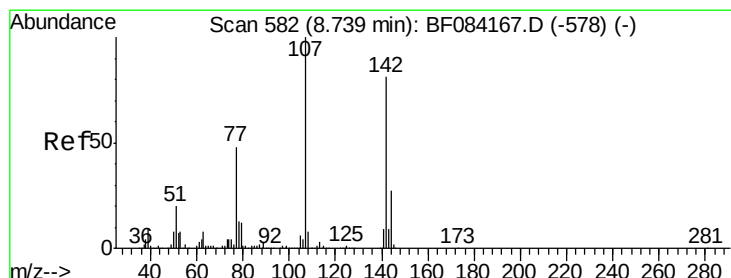
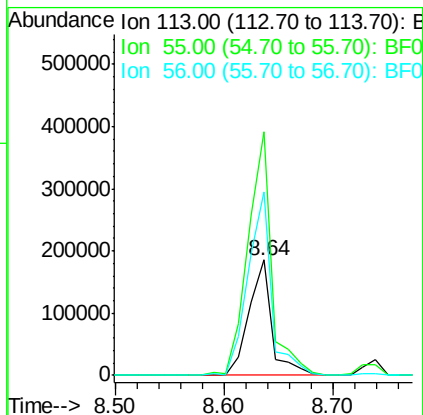
BNA\_F

ClientSampleId :

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#36

4-Chloro-3-methylphenol

Concen: 41.80 ng

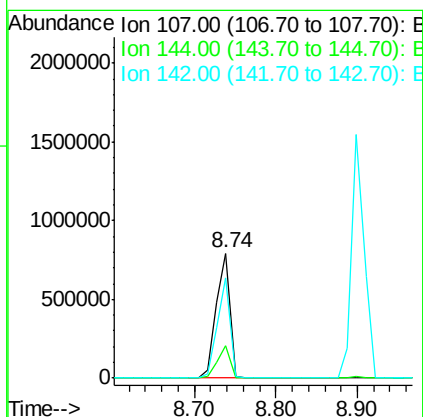
RT: 8.74 min Scan# 582

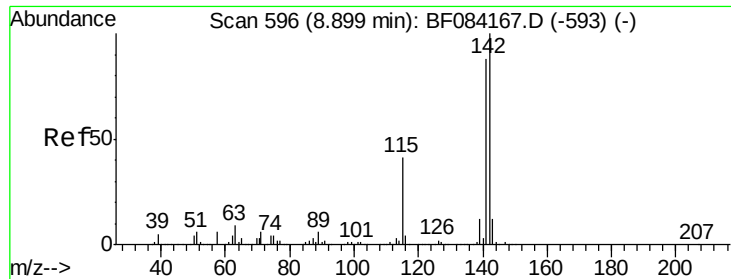
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 918033 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.4  | 21.4  | 32.2   |
| 142       | 80.7  | 65.0  | 97.4   |





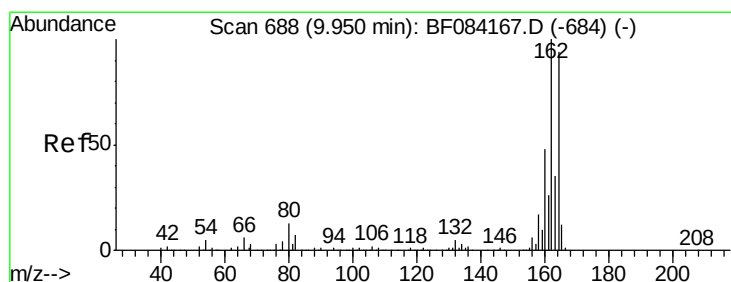
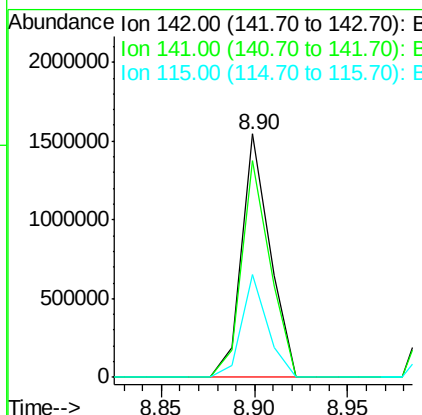
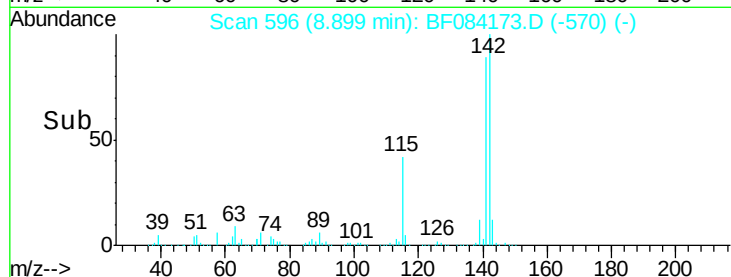
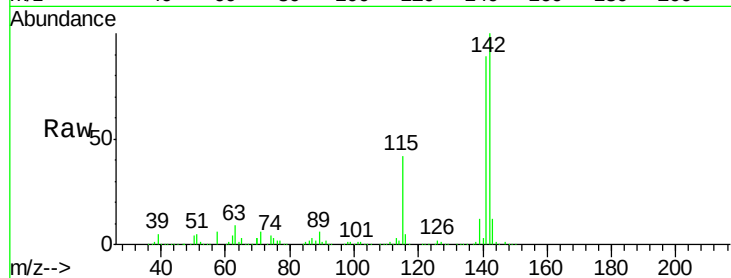
#37  
2-Methylnaphthalene  
Concen: 36.31 ng  
RT: 8.90 min Scan# 596  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 70.7  | 106.1 |
| 115     | 42.0  | 33.2  | 49.8  |

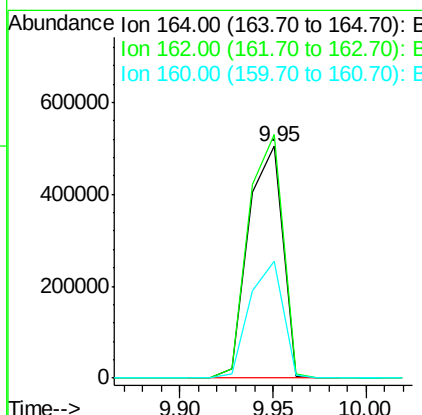
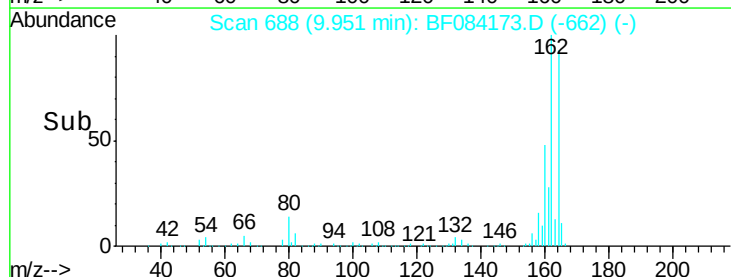
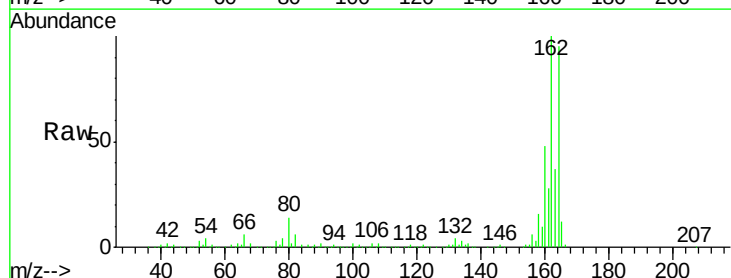
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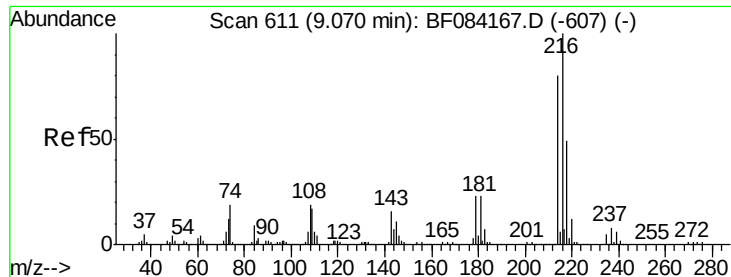
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.95 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.0 | 84.8  | 127.2 |
| 160     | 50.2  | 40.4  | 60.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.81 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

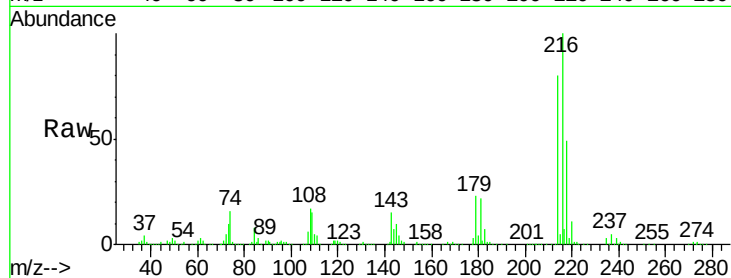
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 777569 |       |       |
| 214     | 80.4 |       | 63.7   | 95.5  |       |
| 179     | 23.6 |       | 19.1   | 28.7  |       |
| 108     | 22.6 |       | 18.9   | 28.3  |       |

Manual Integrations  
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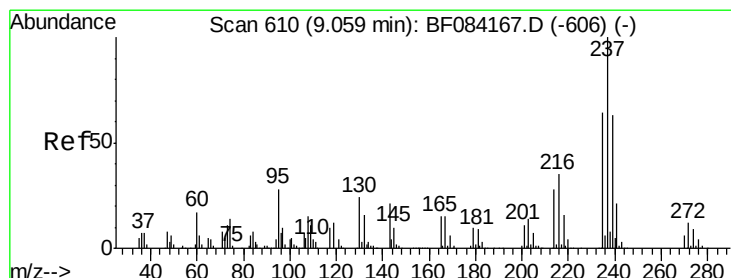
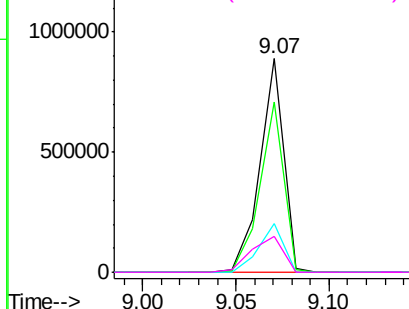
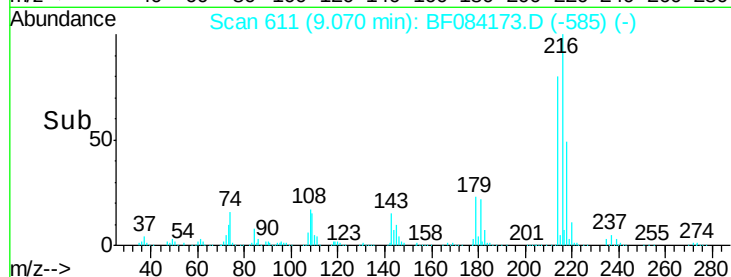


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.70 ng

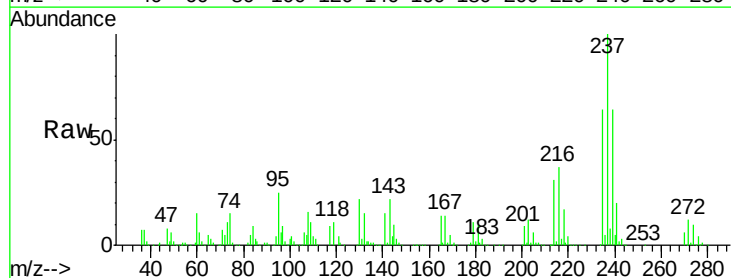
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

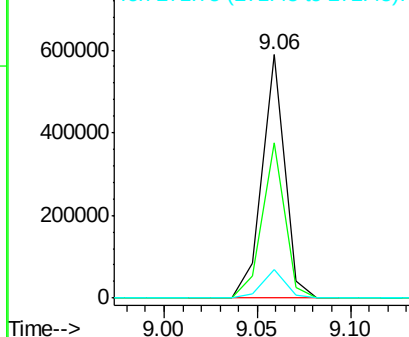
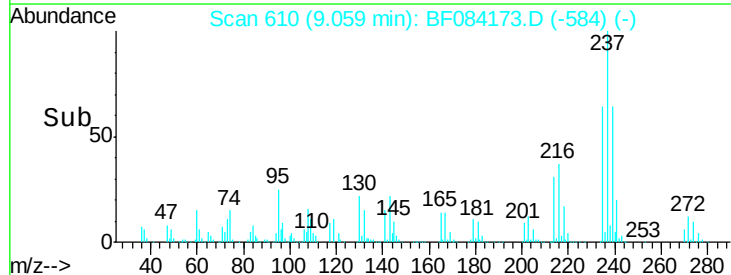
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 491498 |       |       |
| 235     | 64.0 |       | 44.4   | 84.4  |       |
| 272     | 11.9 |       | 0.0    | 31.9  |       |



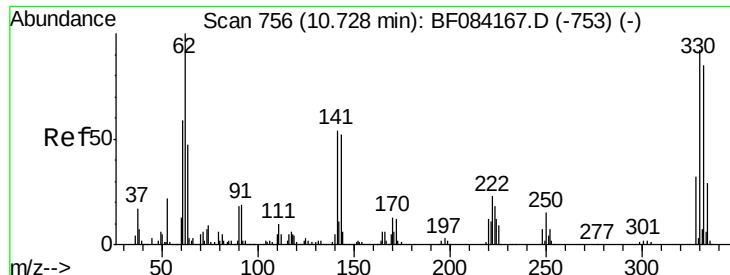
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







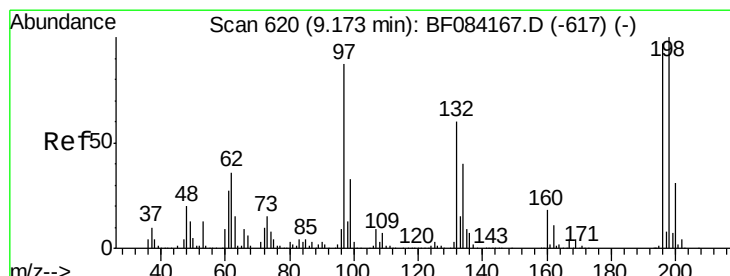
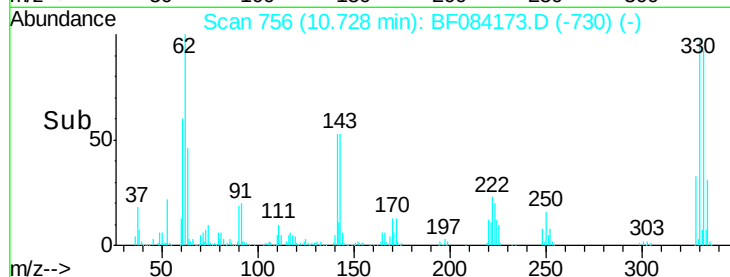
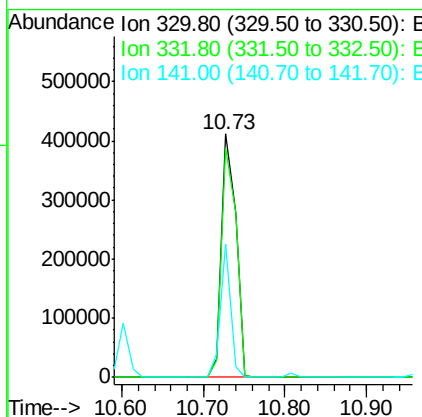
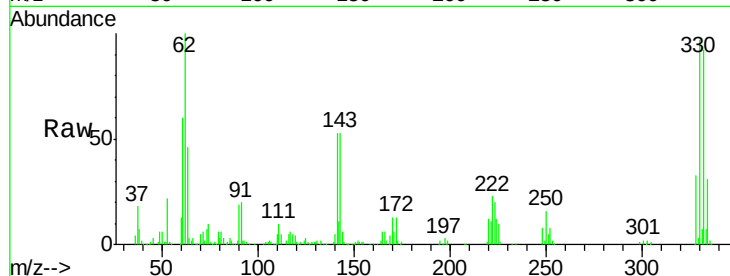
#41  
 2,4,6-Tribromophenol  
 Concen: 78.37 ng  
 RT: 10.73 min Scan# 756  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.5  | 76.2 | 114.2 |       |
| 141     | 39.1  | 31.3 | 46.9  |       |

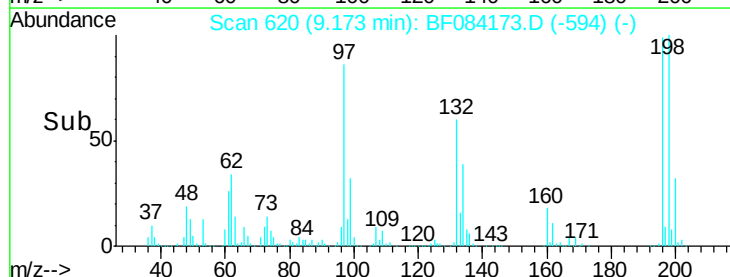
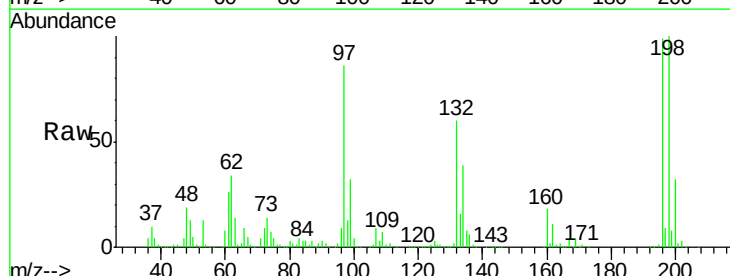
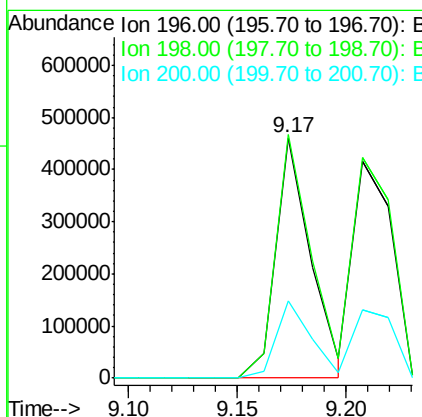
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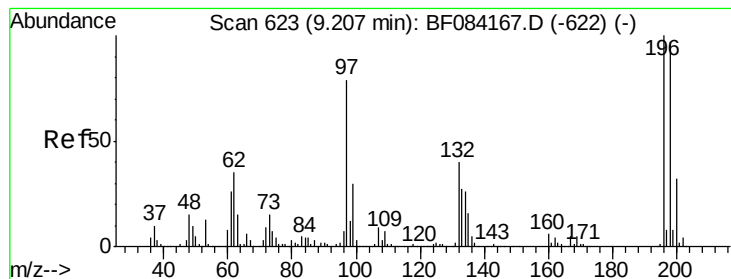
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.62 ng  
 RT: 9.17 min Scan# 620  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 101.4 | 82.5 | 123.7 |       |
| 200     | 32.1  | 25.8 | 38.8  |       |





#43

2,4,5-Trichlorophenol

Concen: 38.71 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

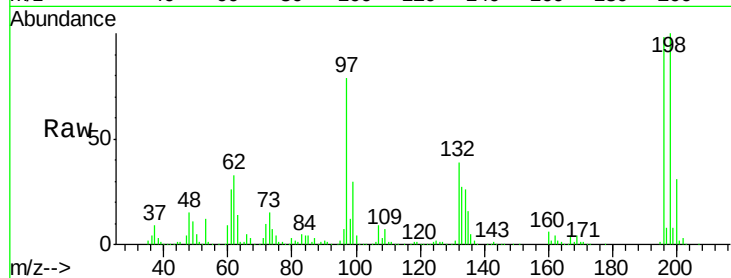
ClientSampleId :

SSTDCCC040

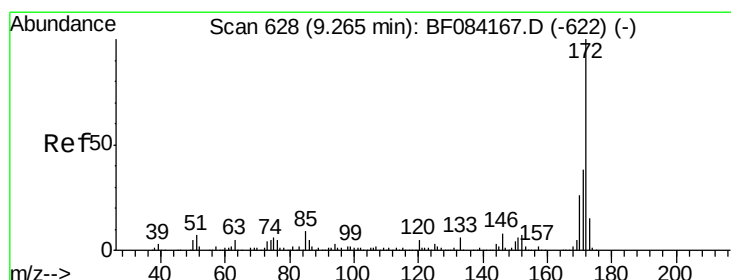
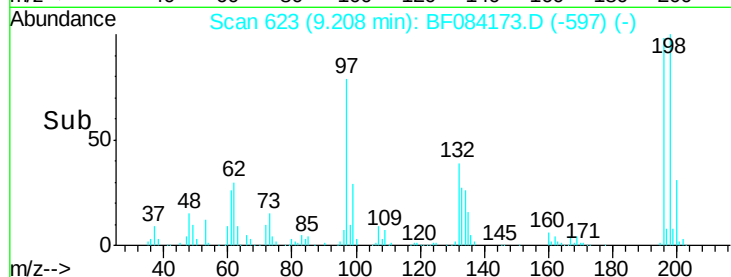
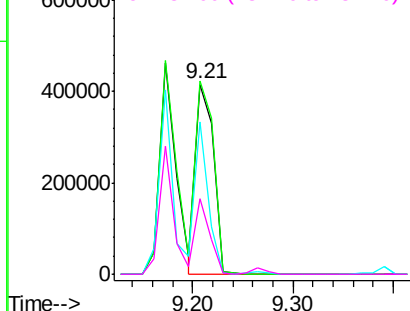
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 518994 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 102.1 | 78.2  | 117.4  |
| 97        | 80.6  | 64.9  | 97.3   |
| 132       | 39.7  | 32.3  | 48.5   |

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Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF0  
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 73.50 ng

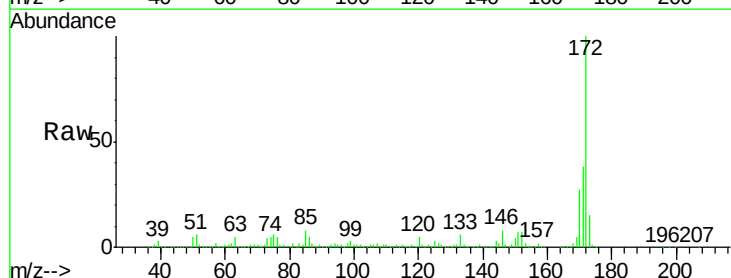
RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

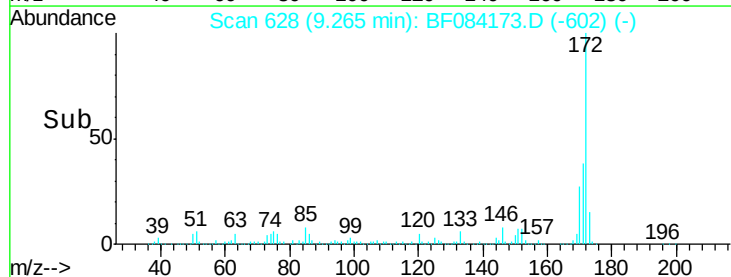
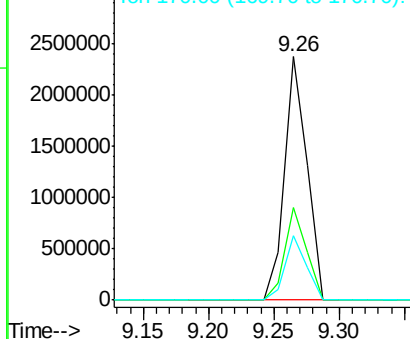
Lab File: BF084173.D

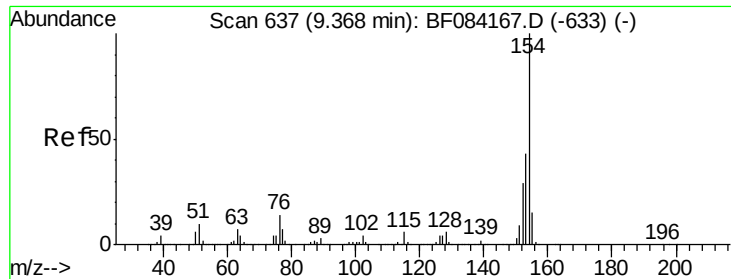
Acq: 31 Dec 2015 3:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2850037 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 38.3  | 30.6  | 46.0    |
| 170       | 26.6  | 20.6  | 30.8    |



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





#45

1,1'-Biphenyl

Concen: 38.96 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1971389

Ion Ratio Lower Upper

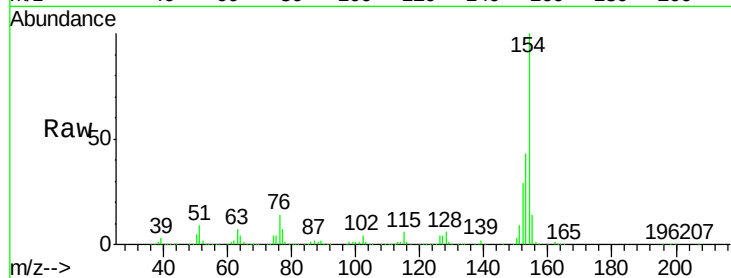
154 100

153 42.7 23.4 63.4

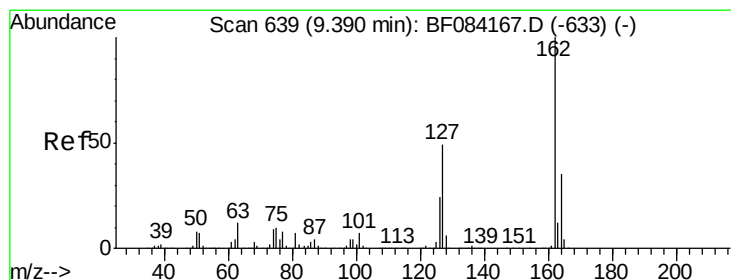
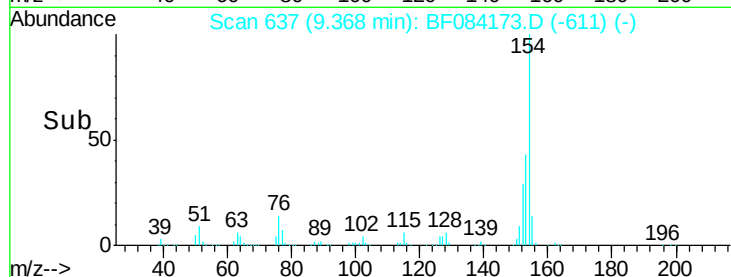
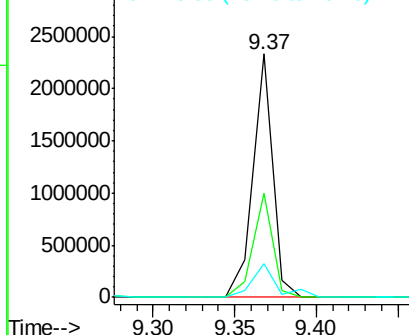
76 13.6 0.0 34.2

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



#46

2-Chloronaphthalene

Concen: 38.41 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

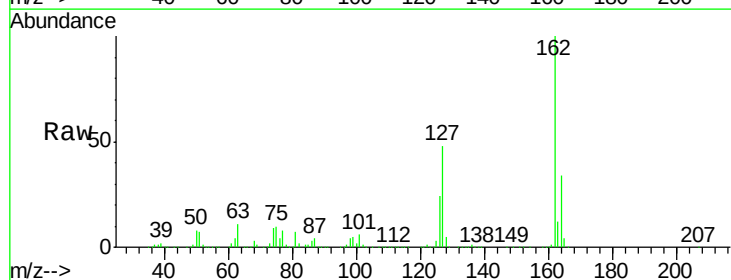
Tgt Ion:162 Resp: 1505461

Ion Ratio Lower Upper

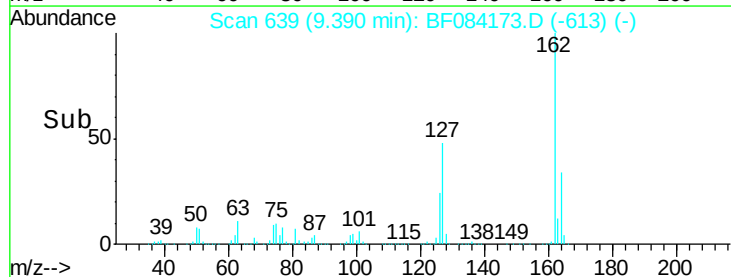
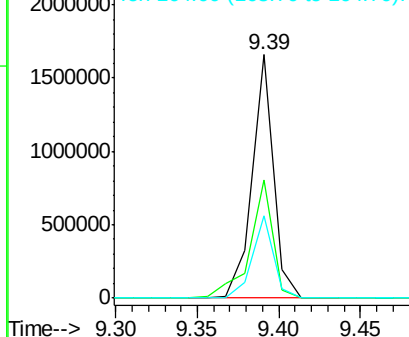
162 100

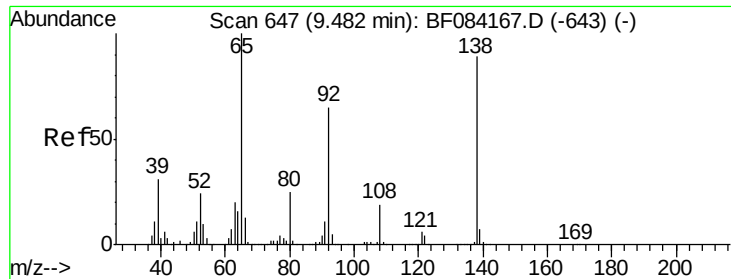
127 48.4 39.4 59.0

164 34.0 27.8 41.6



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





#47

2-Nitroaniline

Concen: 44.60 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

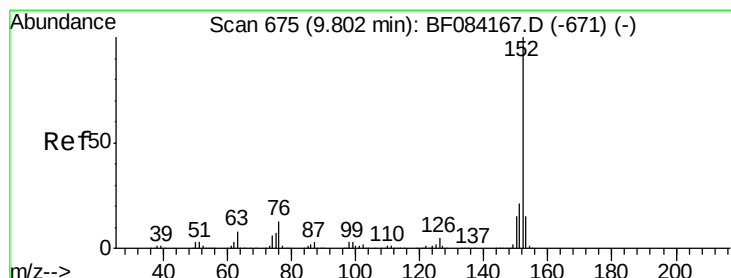
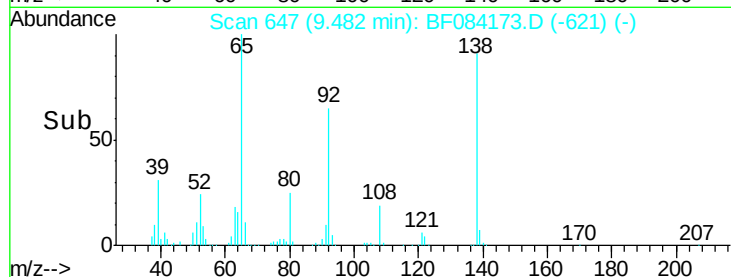
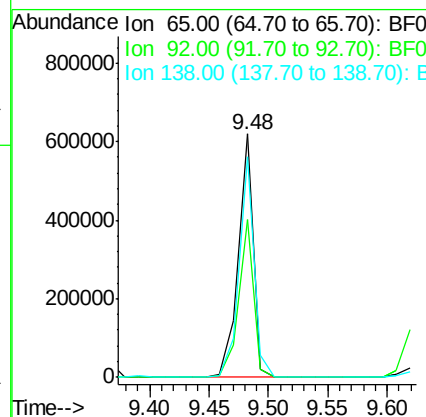
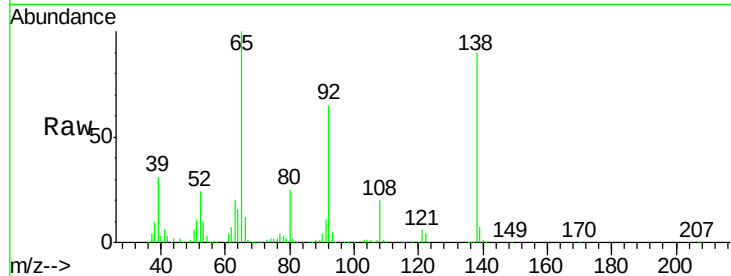
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 544937 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.8  | 51.8  | 77.8   |
| 138       | 90.5  | 70.9  | 106.3  |

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#48

Acenaphthylene

Concen: 37.11 ng

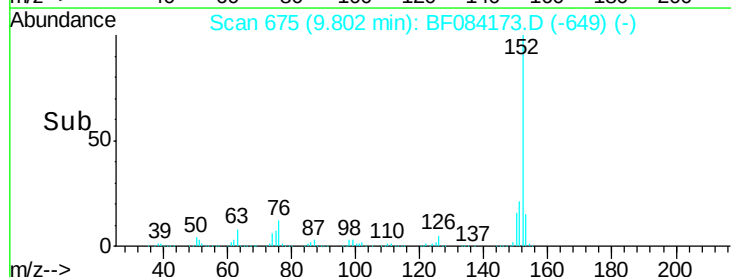
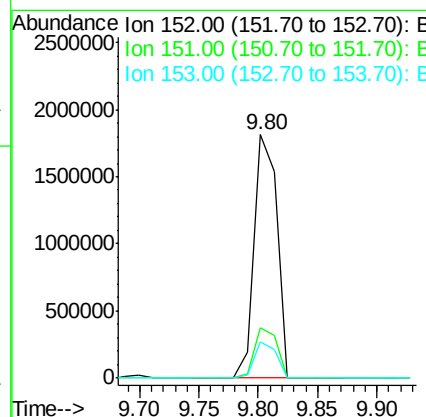
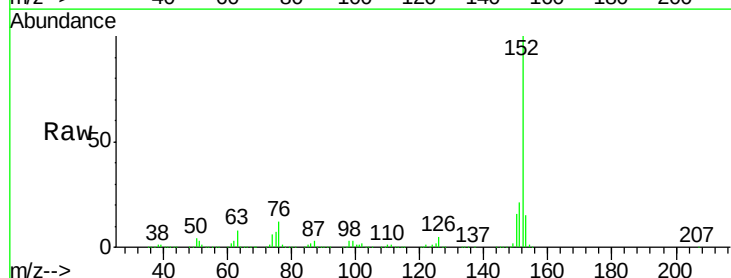
RT: 9.80 min Scan# 675

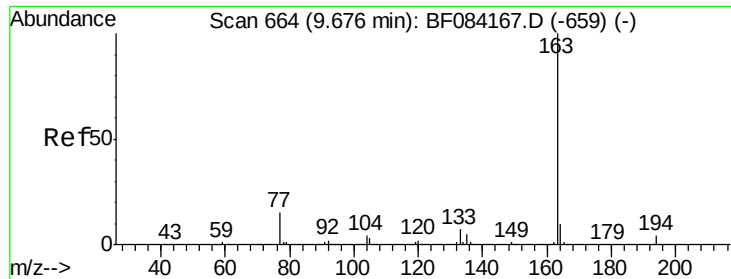
Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 2439094 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.8  | 16.9  | 25.3    |
| 153       | 15.1  | 12.2  | 18.2    |





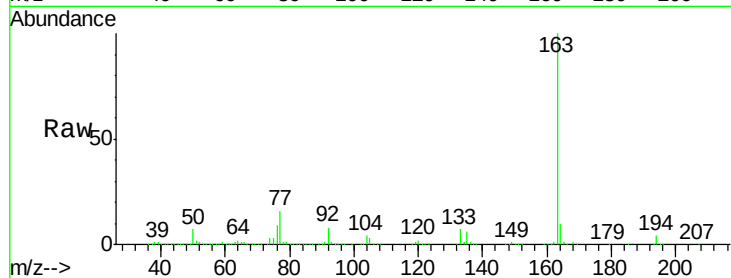
#49  
Dimethylphthalate  
Concen: 41.55 ng  
RT: 9.68 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

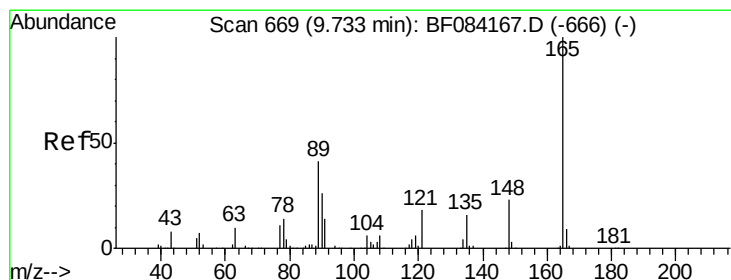
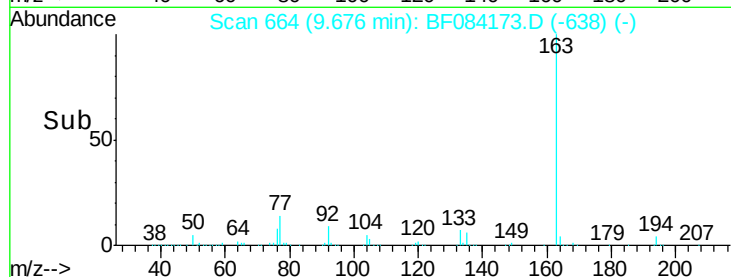
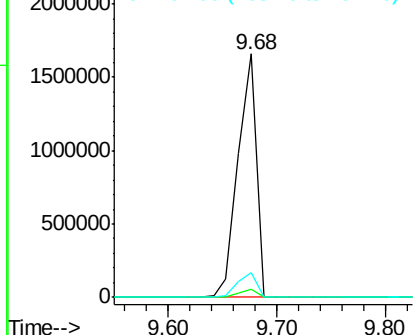
Tot Ion:163 Resp: 1910561  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.6  
164 10.3 8.2 12.4

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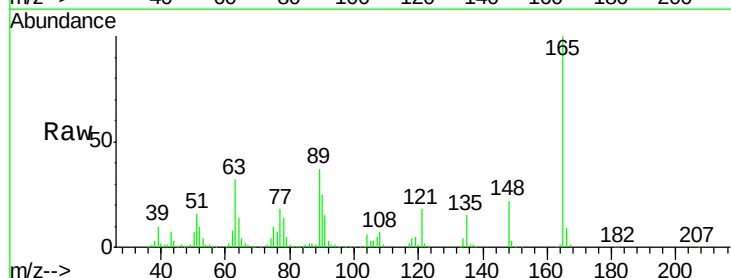


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

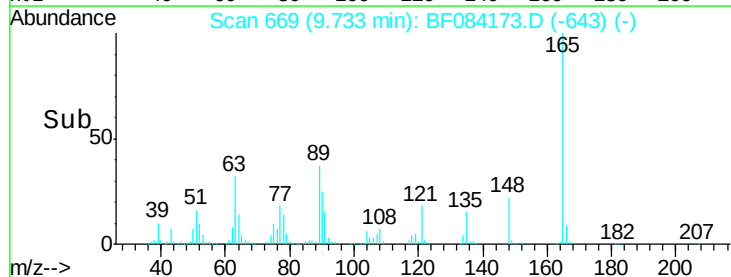
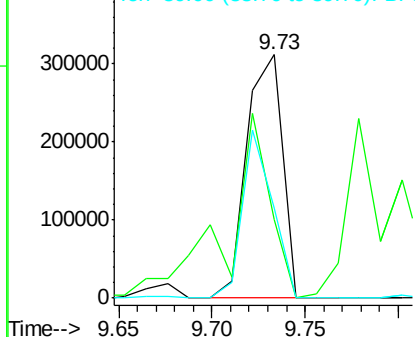


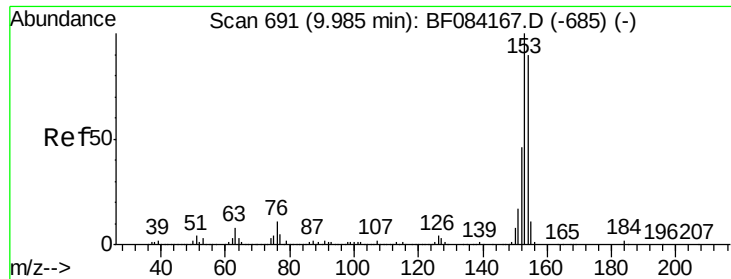
#50  
2,6-Dinitrotoluene  
Concen: 39.86 ng  
RT: 9.73 min Scan# 669  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Tgt Ion:165 Resp: 411620  
Ion Ratio Lower Upper  
165 100  
63 32.2 28.8 43.2  
89 37.0 32.7 49.1



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





#51

Acenaphthene

Concen: 39.77 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1647058

Ion Ratio Lower Upper

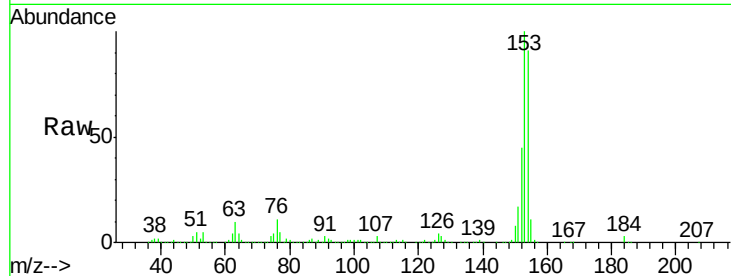
154 100

153 110.1 89.2 133.8

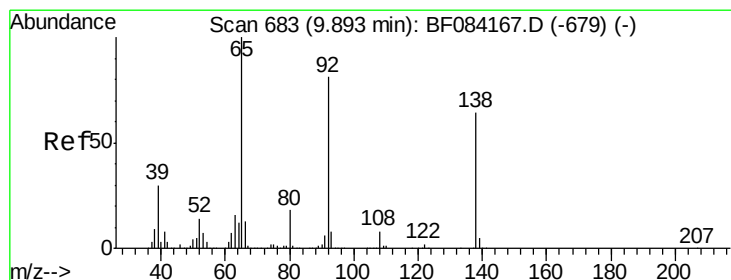
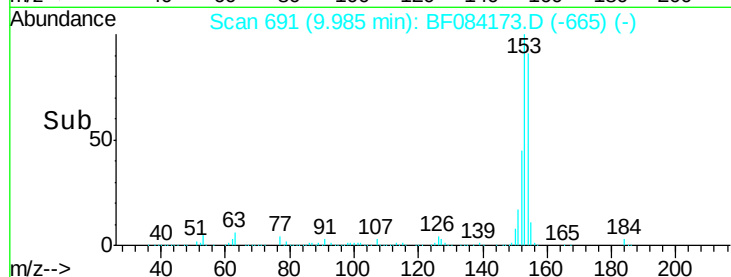
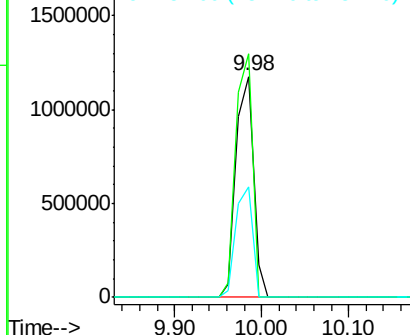
152 50.0 41.2 61.8

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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: 39.49 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

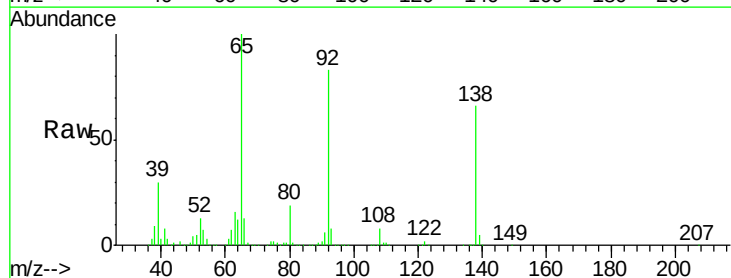
Tgt Ion:138 Resp: 453403

Ion Ratio Lower Upper

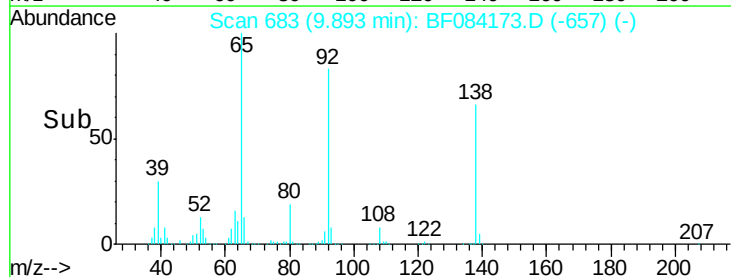
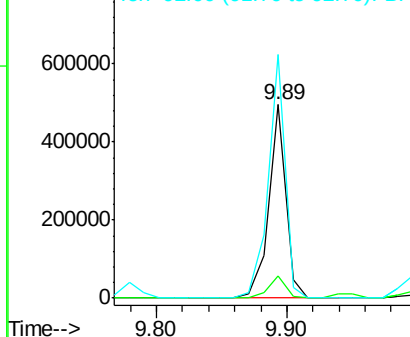
138 100

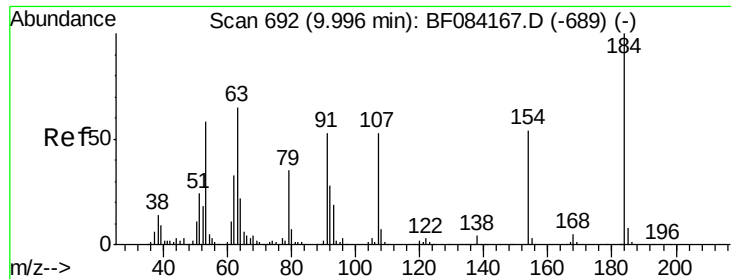
108 11.7 10.2 15.4

92 126.1 101.9 152.9



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





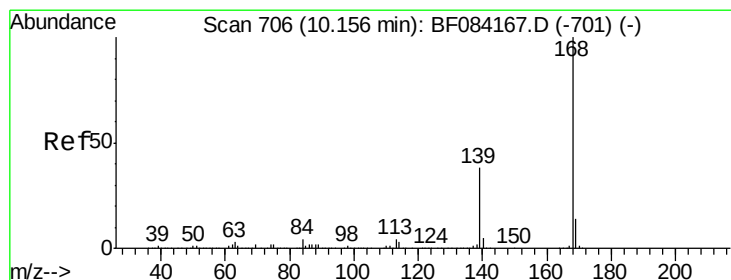
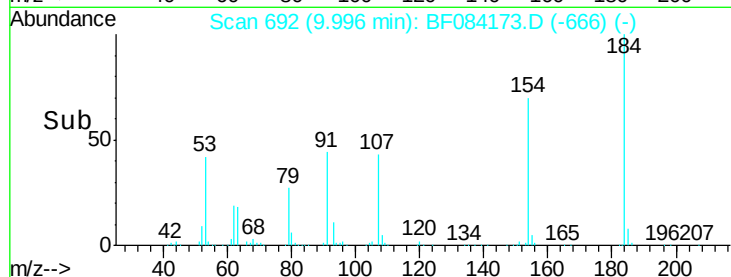
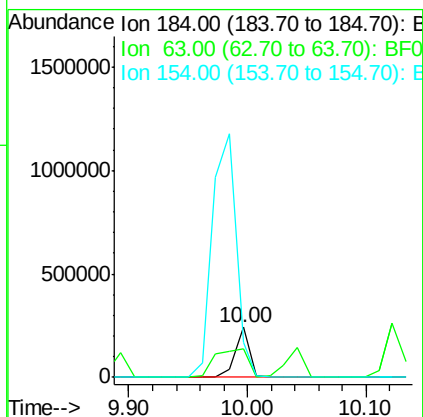
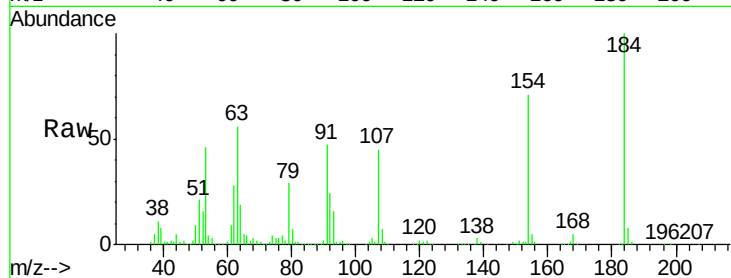
#53  
2,4-Dinitrophenol  
Concen: 56.19 ng  
RT: 10.00 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 200846 |       |       |
| 63      | 56.1  |        | 54.2  | 81.4  |
| 154     | 70.6  |        | 58.2  | 87.4  |

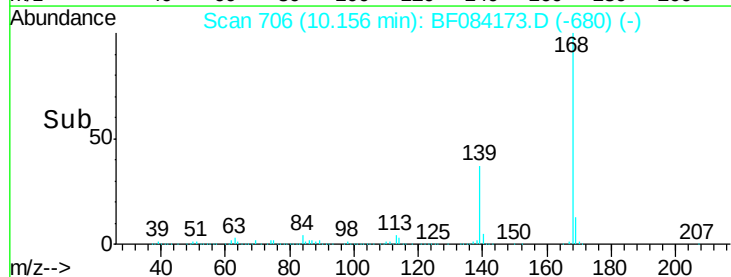
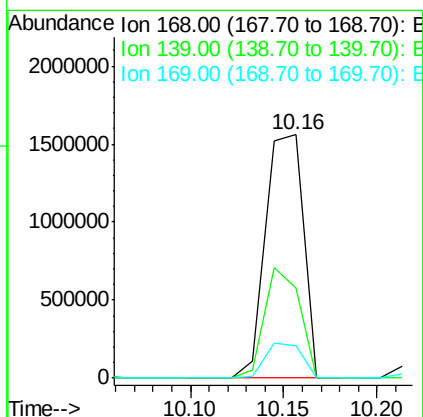
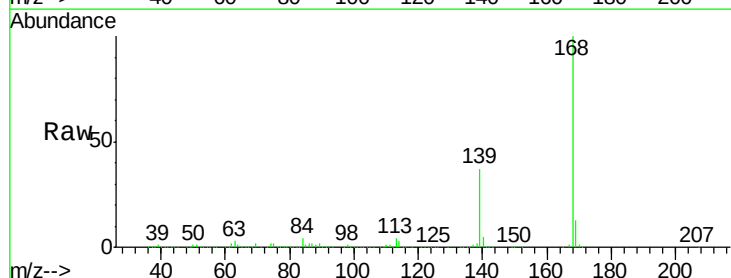
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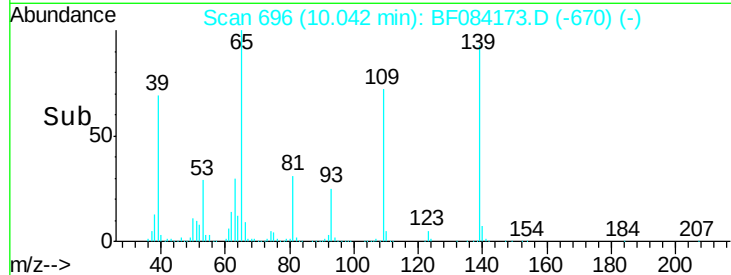
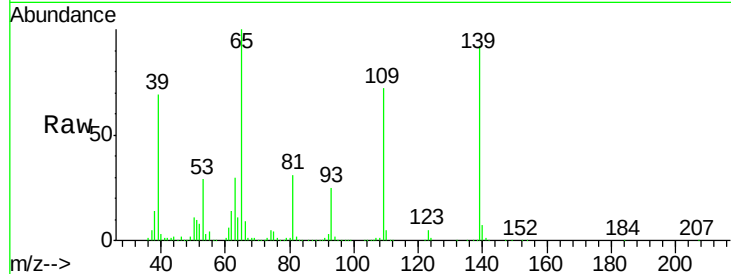
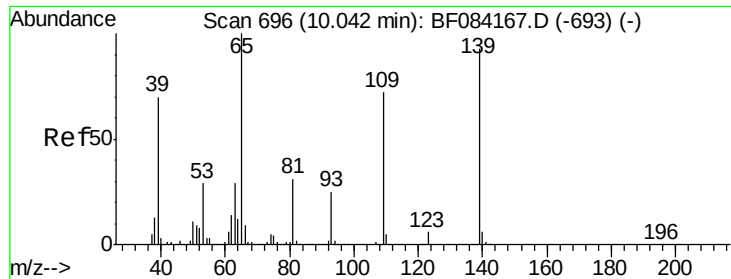
Sohil  
12/31/2015 6:41:39 PM



#54  
Dibenzofuran  
Concen: 38.58 ng  
RT: 10.16 min Scan# 706  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 2189379 |       |       |
| 139     | 37.1  |         | 30.5  | 45.7  |
| 169     | 13.2  |         | 11.1  | 16.7  |





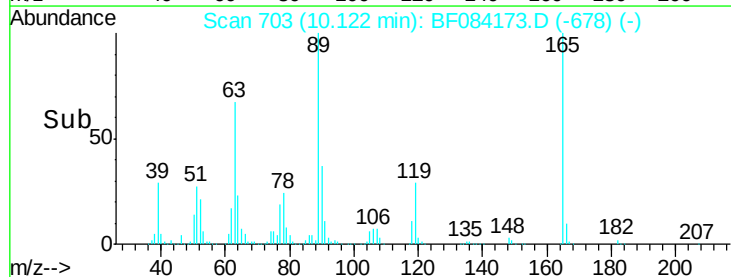
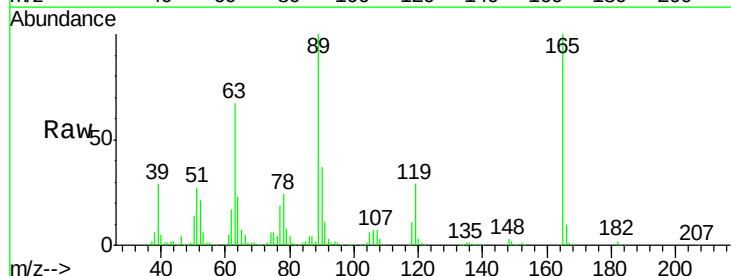
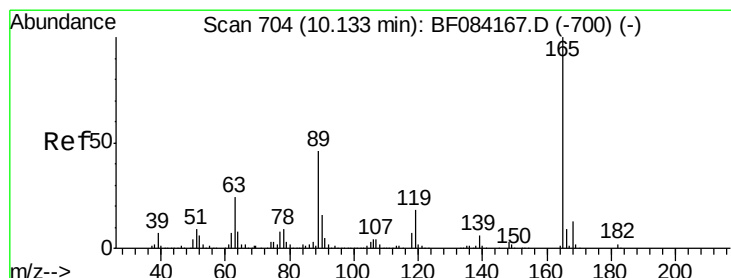
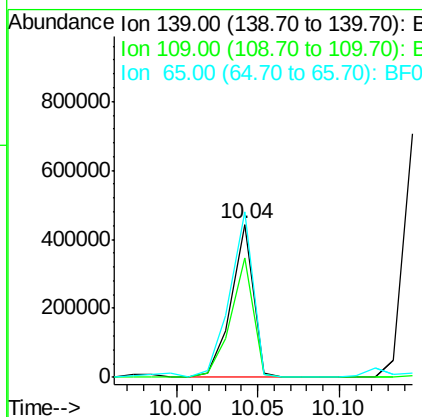
#55  
4-Nitrophenol  
Concen: 46.87 ng  
RT: 10.04 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 77.7  | 57.3  | 97.3  |
| 65      | 108.3 | 88.4  | 128.4 |

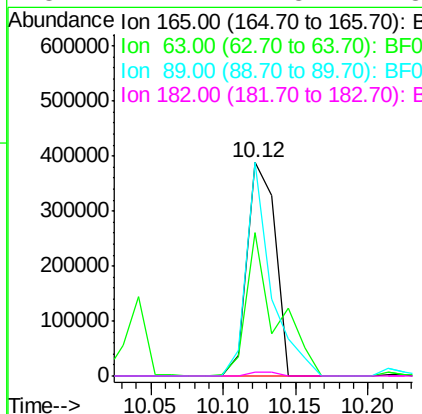
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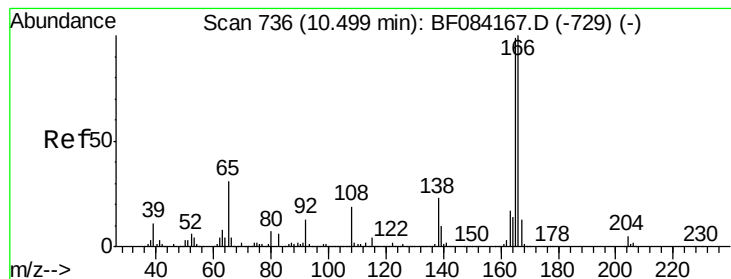


#56  
2,4-Dinitrotoluene  
Concen: 39.73 ng  
RT: 10.12 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 67.4  | 19.4  | 29.2# |
| 89      | 99.8  | 37.0  | 55.6# |
| 182     | 1.7   | 1.8   | 2.8#  |







#57

Fluorene

Concen: 36.96 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1540108

Ion Ratio Lower Upper

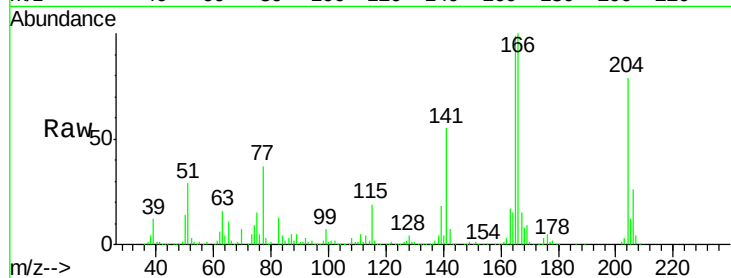
166 100

165 99.3 79.0 118.4

167 14.5 10.6 15.8

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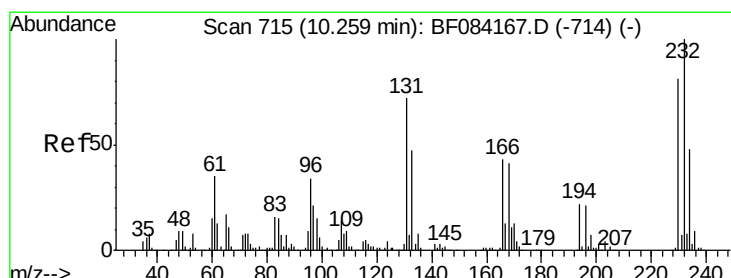
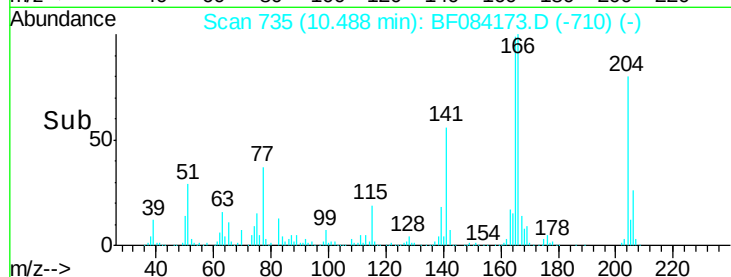
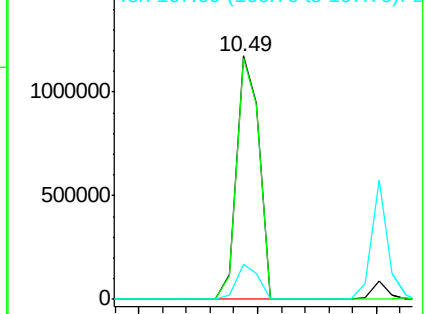


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.91 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Tgt Ion:232 Resp: 442629

Ion Ratio Lower Upper

232 100

131 52.6 42.9 64.3

130 2.7 2.0 3.0

166 33.3 27.7 41.5

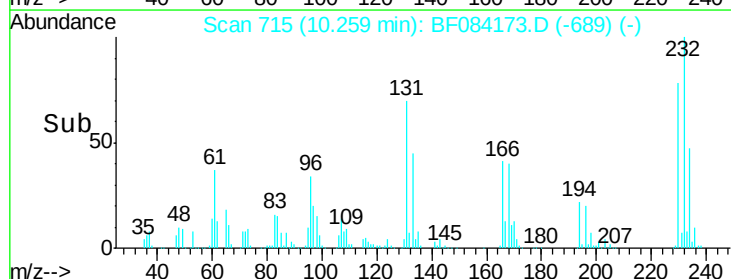
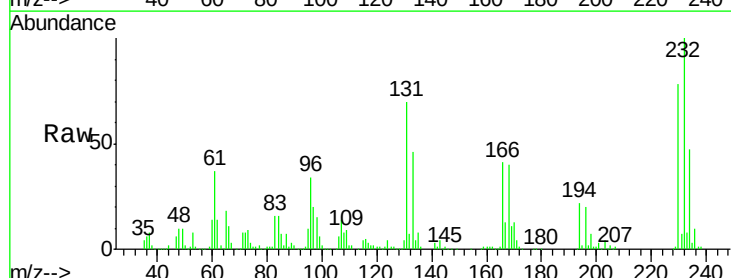
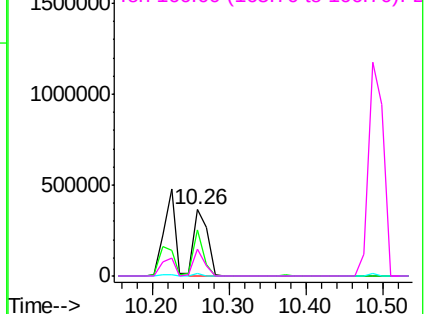
Abundance

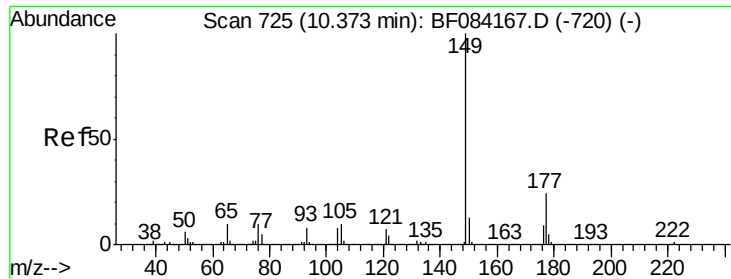
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





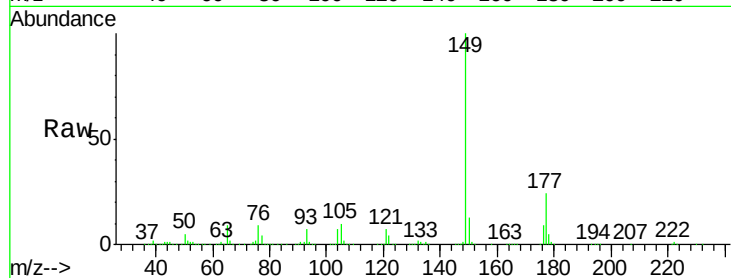
#59  
Diethylphthalate  
Concen: 44.96 ng  
RT: 10.37 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

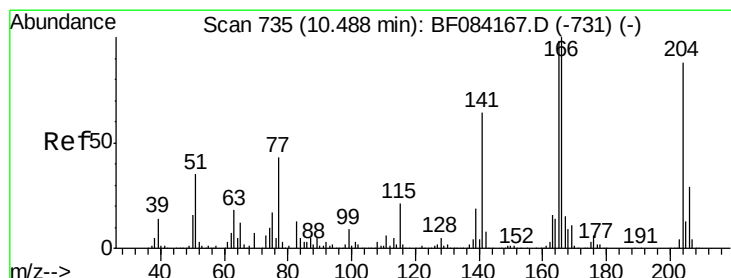
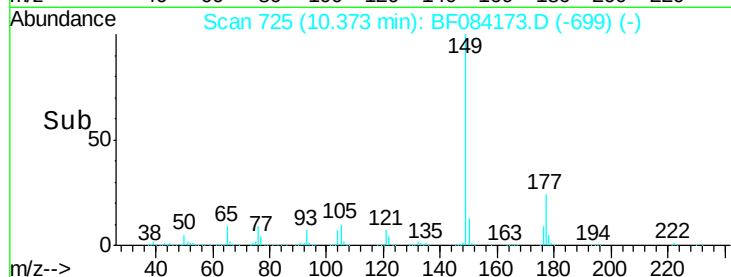
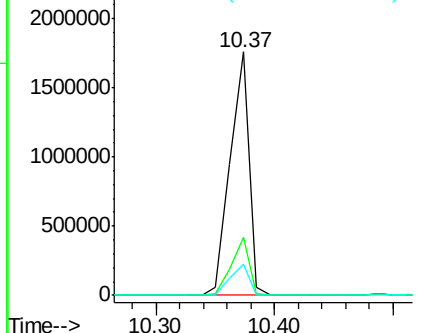
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 19.1  | 28.7  |
| 150     | 12.9  | 10.6  | 15.8  |

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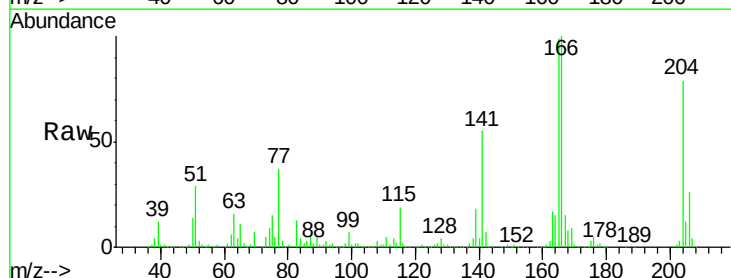


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

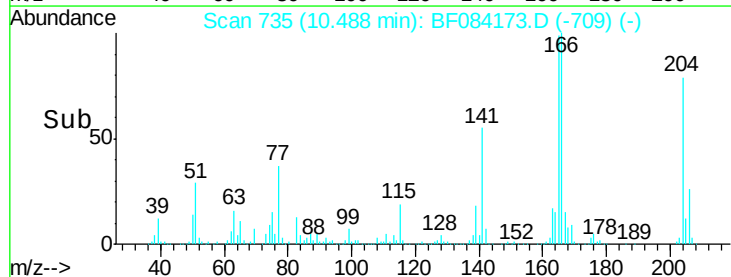
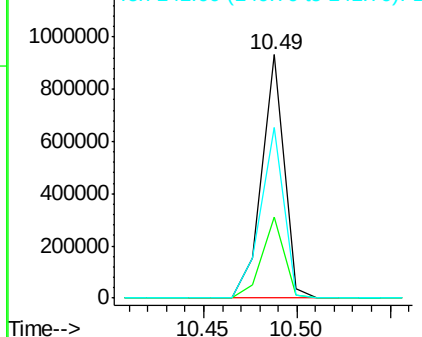


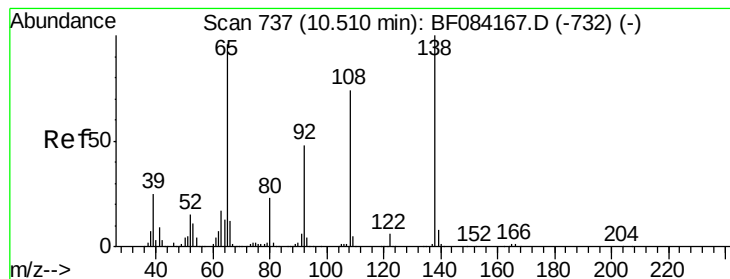
#60  
4-Chlorophenyl-phenylether  
Concen: 43.26 ng  
RT: 10.49 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.4  | 39.6  |
| 141     | 69.9  | 58.0  | 87.0  |



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





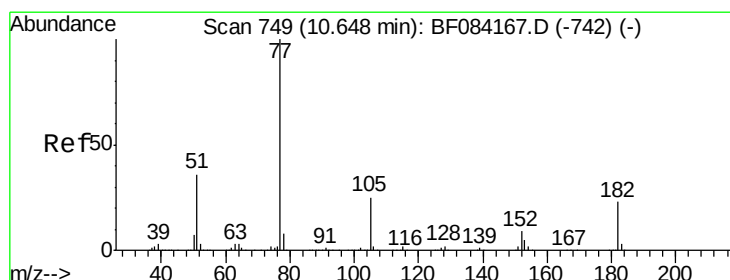
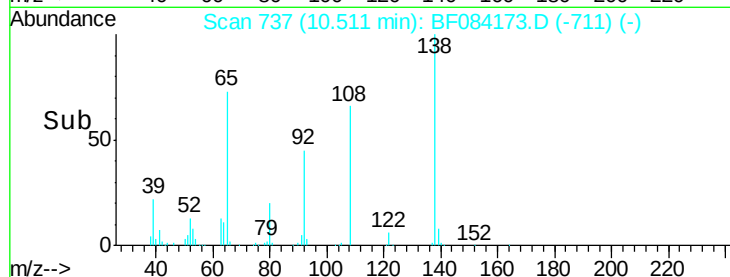
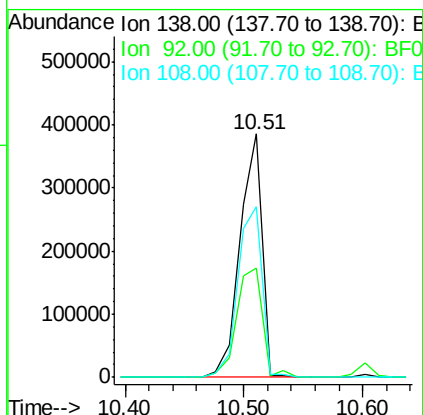
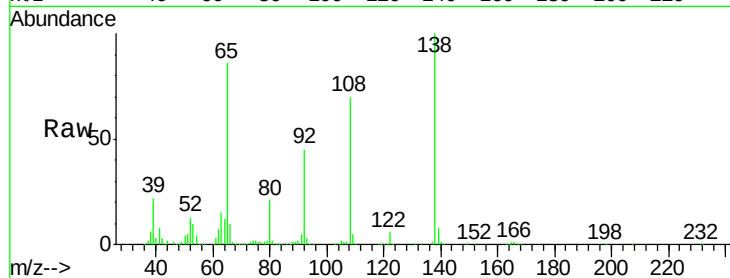
#61  
4-Nitroaniline  
Concen: 46.67 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 500500 |       |       |
| 92      | 45.0  | 28.4   | 68.4  |       |
| 108     | 69.9  | 54.0   | 94.0  |       |

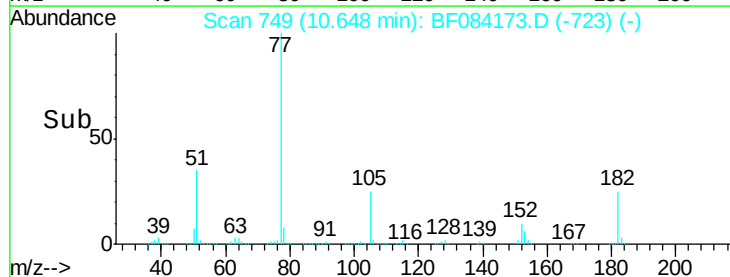
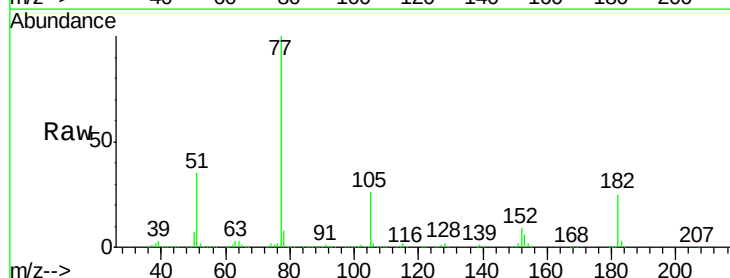
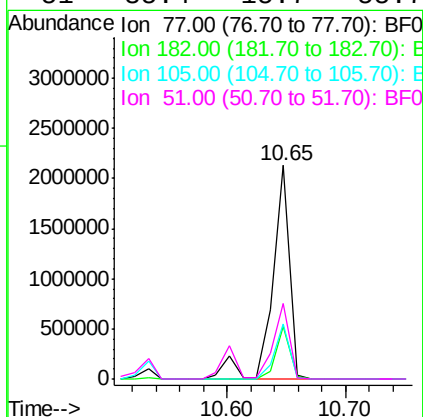
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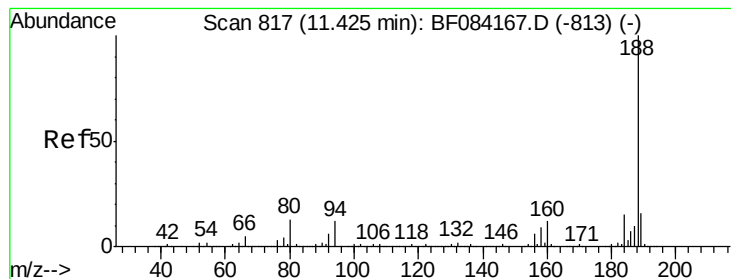
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#62  
Azobenzene  
Concen: 42.79 ng  
RT: 10.65 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 77      | 100   | 2155710 |       |       |
| 182     | 24.7  | 3.2     | 43.2  |       |
| 105     | 25.5  | 5.1     | 45.1  |       |
| 51      | 35.4  | 15.7    | 55.7  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 1159714

Ion Ratio Lower Upper

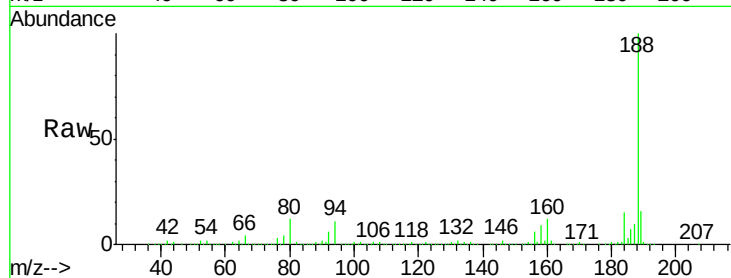
188 100

94 11.1 9.2 13.8

80 11.8 10.1 15.1

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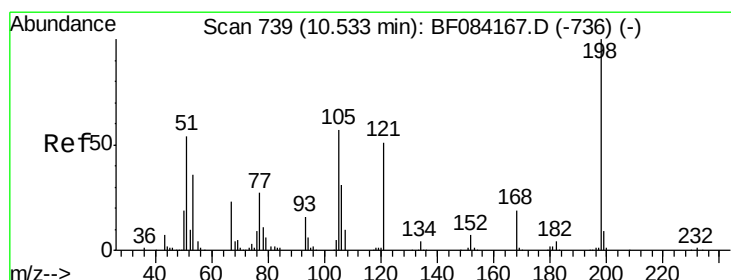
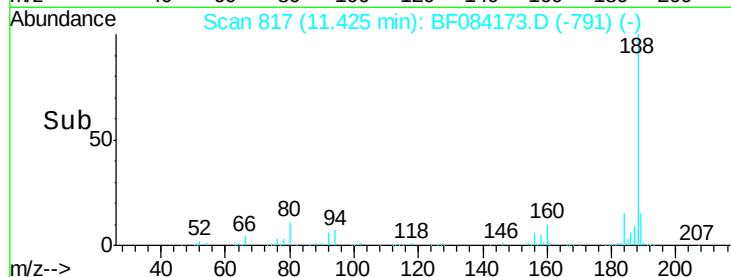
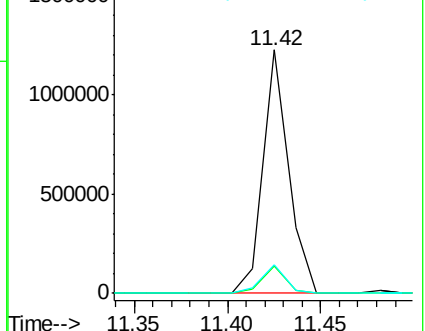
Sohil  
12/31/2015 6:41:39 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.16 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

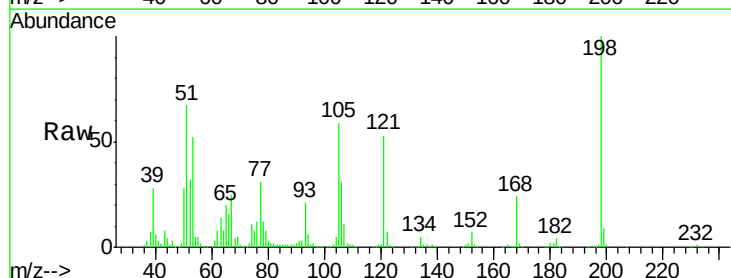
Tgt Ion:198 Resp: 262382

Ion Ratio Lower Upper

198 100

51 67.4 46.4 86.4

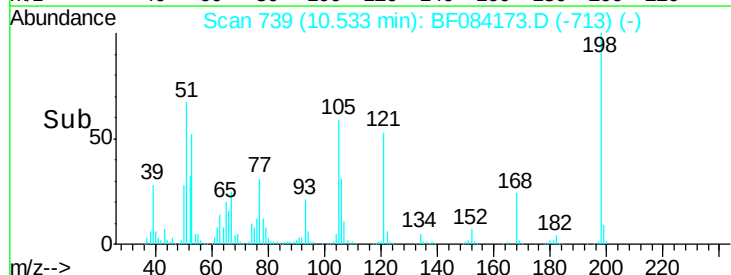
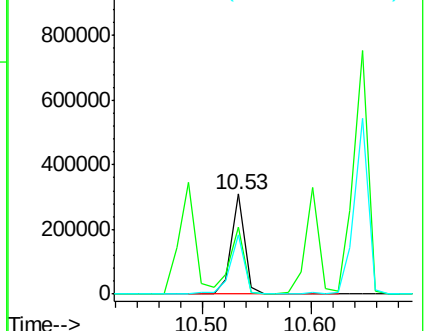
105 58.8 38.5 78.5

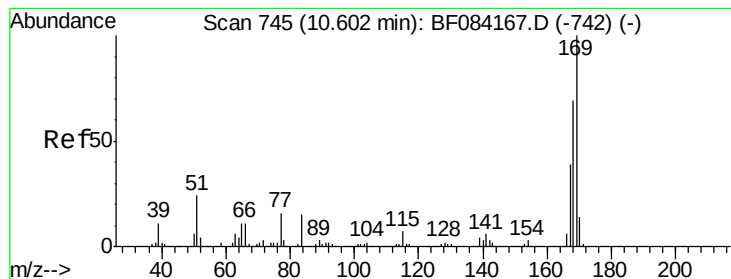


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





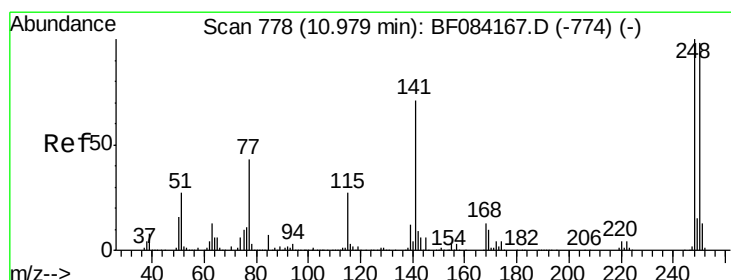
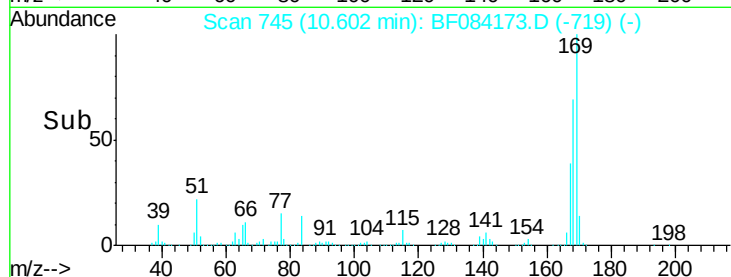
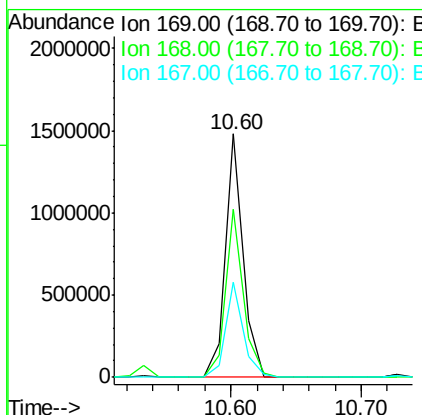
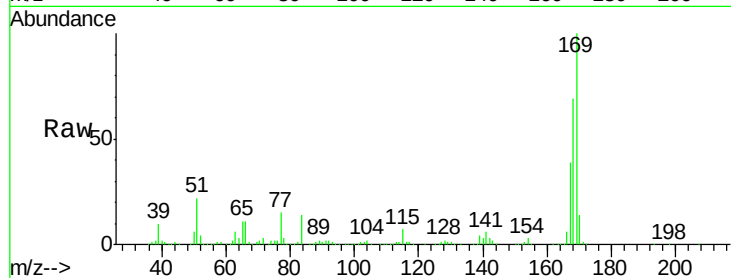
#65  
n-Nitrosodiphenylamine  
Concen: 38.14 ng  
RT: 10.60 min Scan# 745  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 169     | 100  |       |       |       |
| 168     | 69.1 | 55.2  | 82.8  |       |
| 167     | 38.9 | 31.1  | 46.7  |       |

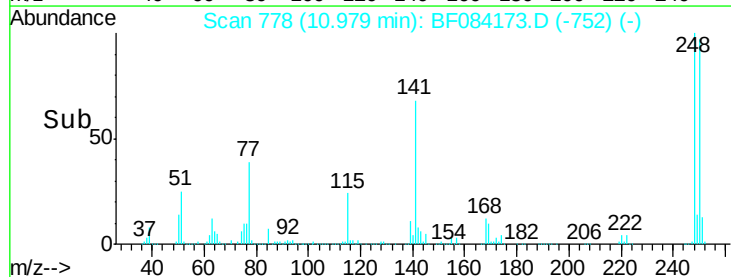
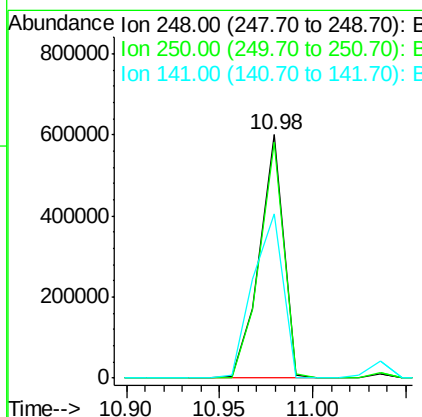
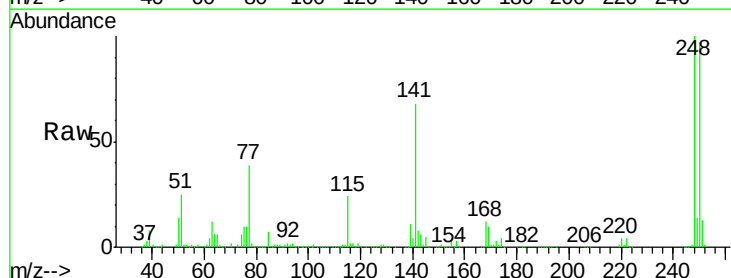
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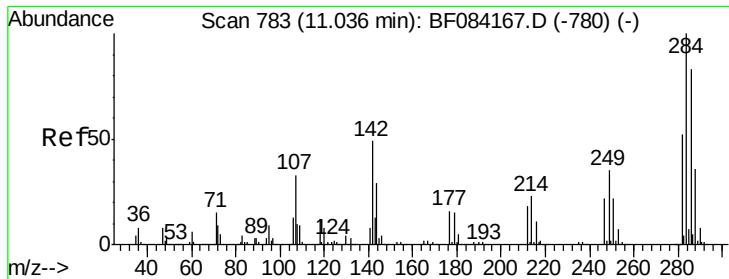
Sohil  
12/31/2015 6:41:39 PM



#66  
4-Bromophenyl-phenylether  
Concen: 43.24 ng  
RT: 10.98 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 248     | 100  |       |       |       |
| 250     | 96.7 | 78.7  | 118.1 |       |
| 141     | 67.5 | 57.1  | 85.7  |       |





#67

Hexachlorobenzene

Concen: 37.74 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

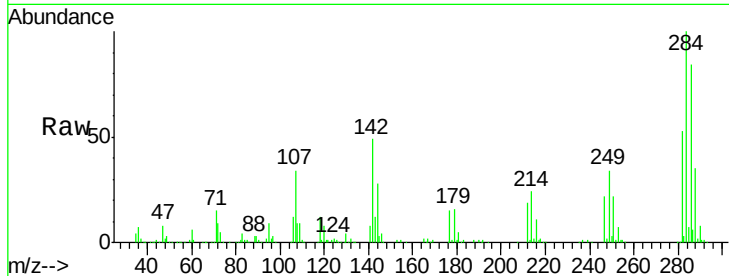
ClientSampleId :

SSTDCCC040

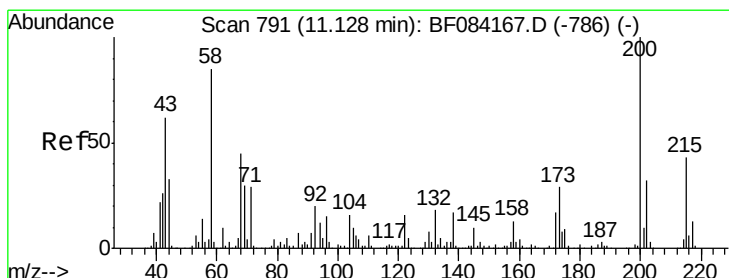
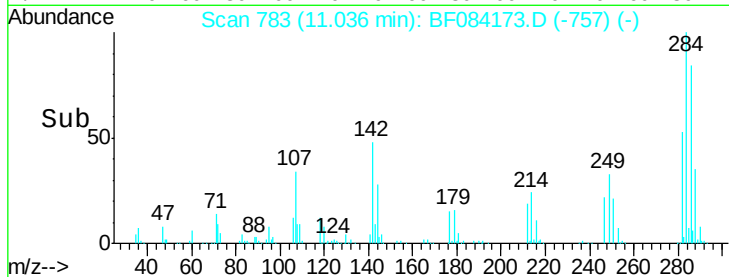
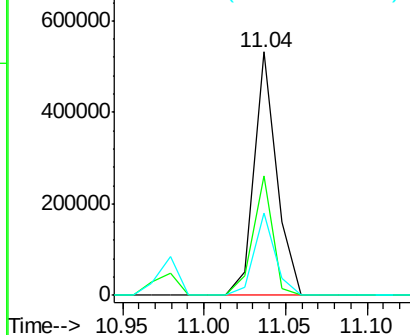
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 509778 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 48.9  | 39.4  | 59.2   |
| 249       | 33.8  | 27.8  | 41.6   |

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



#68

Atrazine

Concen: 36.41 ng

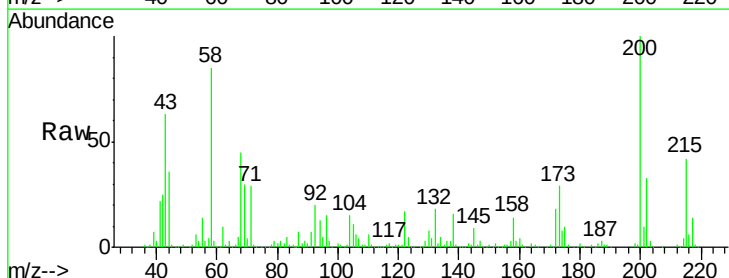
RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

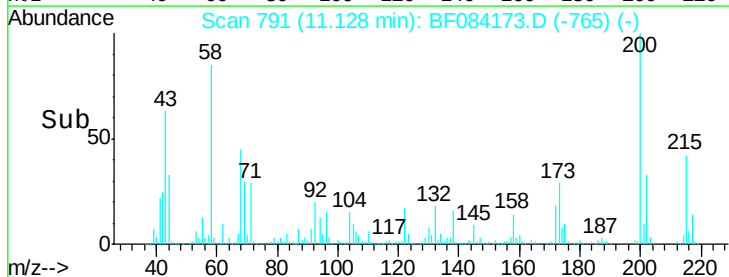
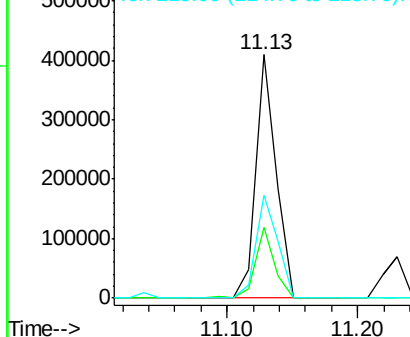
Lab File: BF084173.D

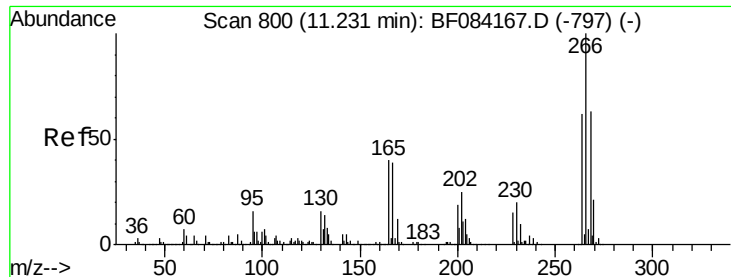
Acq: 31 Dec 2015 3:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 441935 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.3  | 8.5   | 48.5   |
| 215       | 42.5  | 22.7  | 62.7   |



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





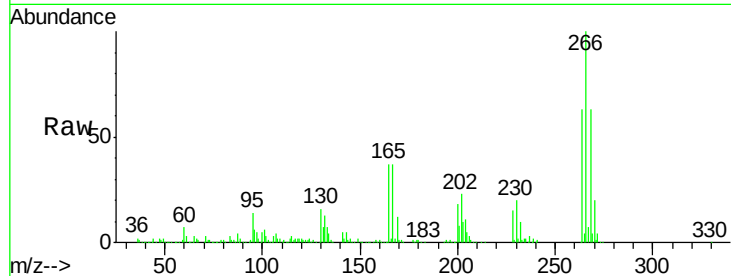
#69  
 Pentachlorophenol  
 Concen: 45.35 ng  
 RT: 11.23 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 50.7  | 76.1  |
| 264     | 62.6  | 49.9  | 74.9  |

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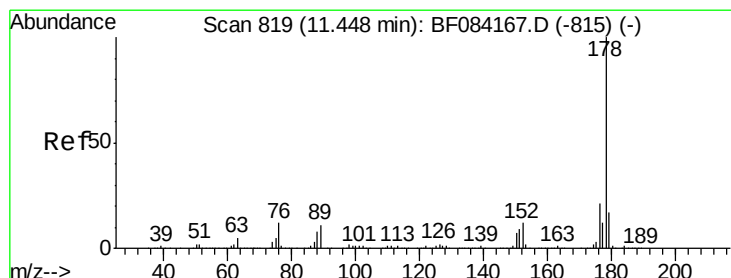
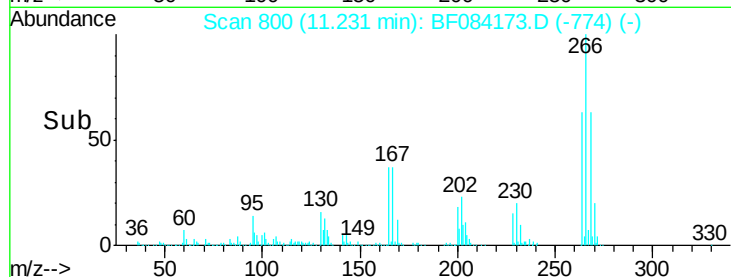
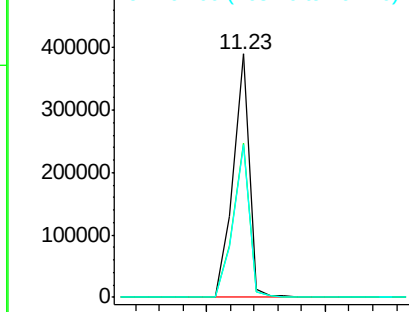


Abundance

Ion 265.70 (265.40 to 266.40): E

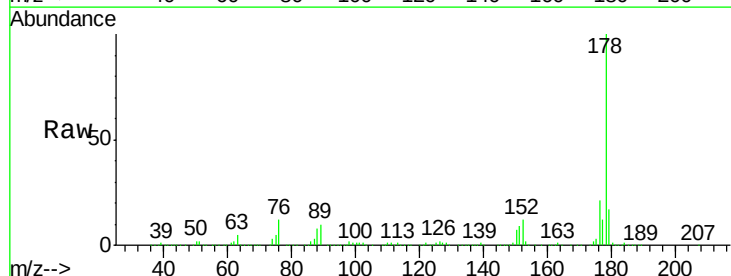
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 37.19 ng  
 RT: 11.45 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.0  | 16.6  | 25.0  |
| 179     | 16.6  | 13.4  | 20.0  |

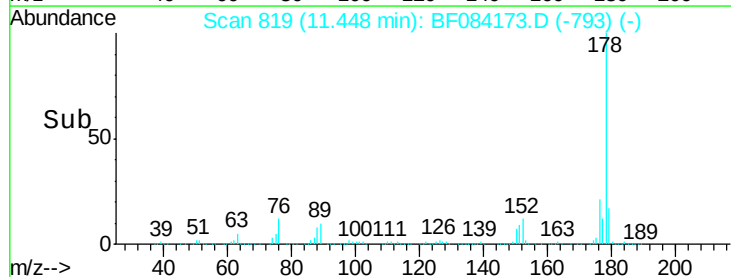
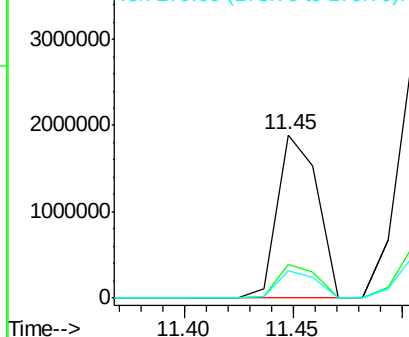


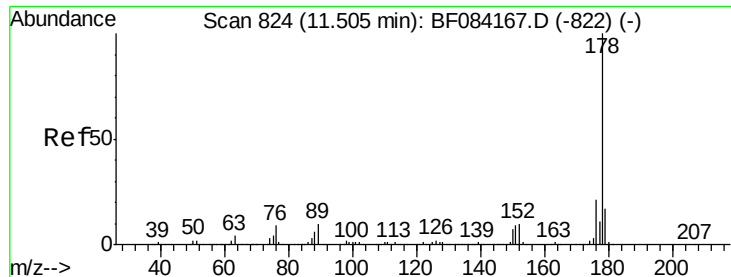
Abundance

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





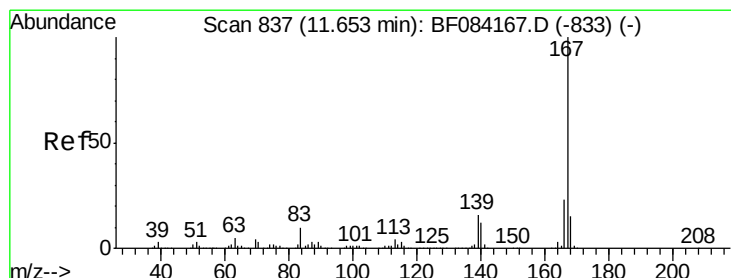
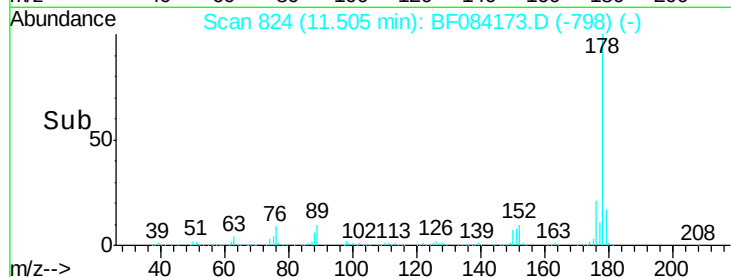
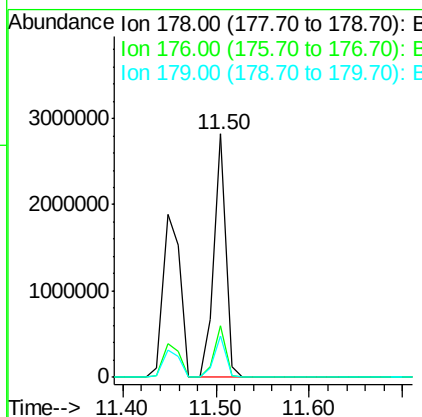
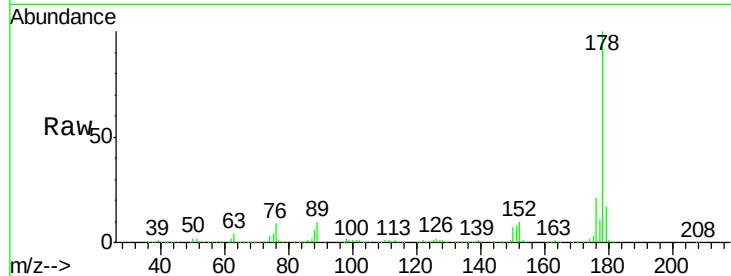
#71  
 Anthracene  
 Concen: 41.49 ng  
 RT: 11.50 min Scan# 824  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.0  | 17.1  | 25.7  |
| 179     | 17.3  | 13.9  | 20.9  |

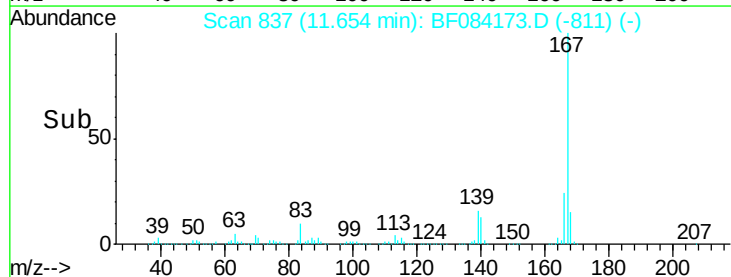
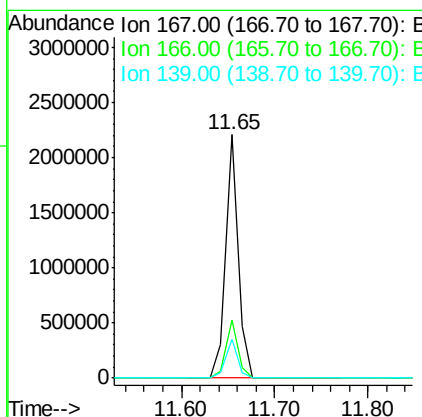
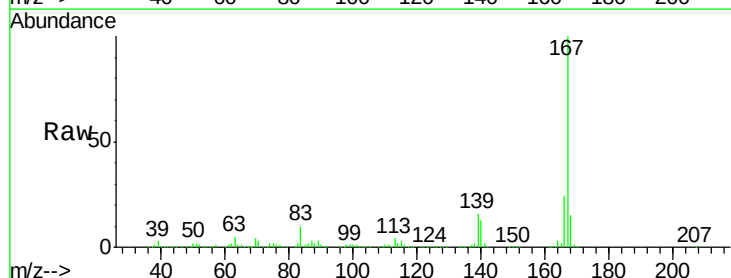
Manual Integrations  
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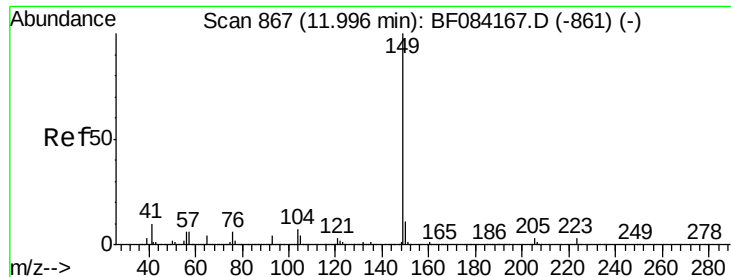


#72  
 Carbazole  
 Concen: 36.02 ng  
 RT: 11.65 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.8  | 18.6  | 28.0  |
| 139     | 16.0  | 13.0  | 19.6  |







#73

Di-n-butylphthalate

Concen: 41.92 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2698221

Ion Ratio Lower Upper

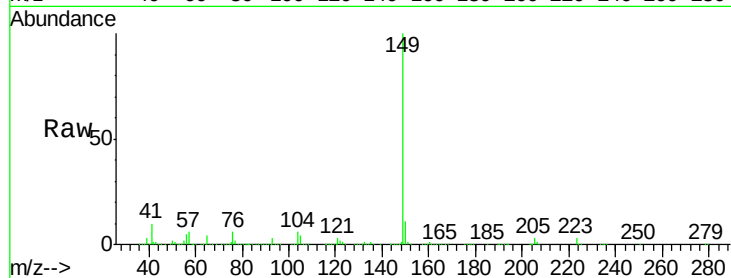
149 100

150 10.8 8.5 12.7

104 6.3 5.2 7.8

Manual Integrations  
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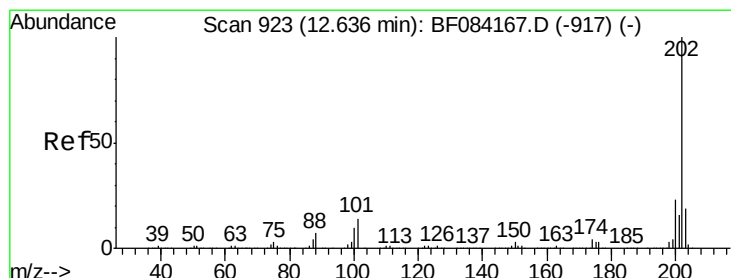
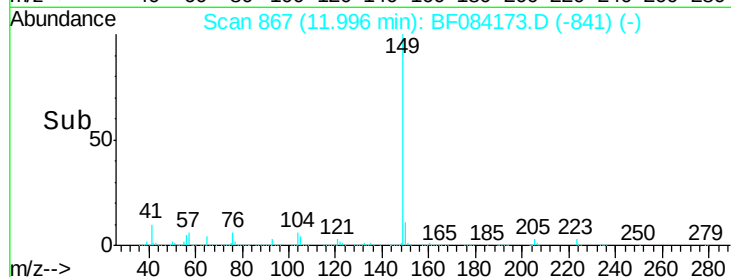
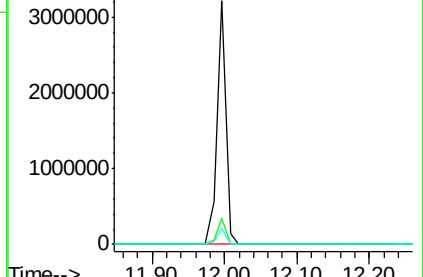
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.37 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

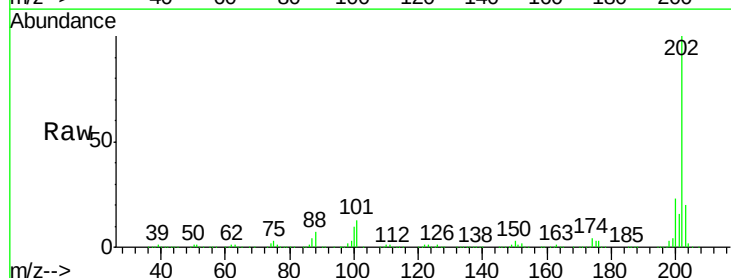
Tgt Ion:202 Resp: 2349510

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.0

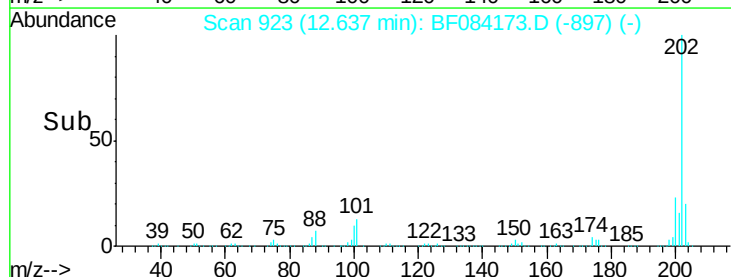
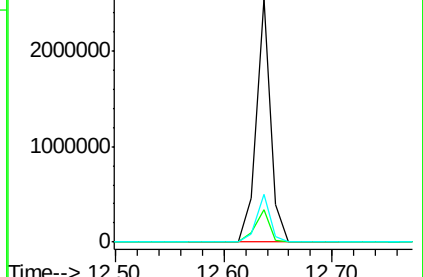
203 19.6 0.0 39.2

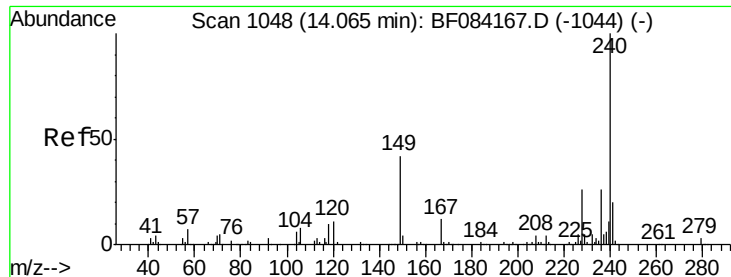


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

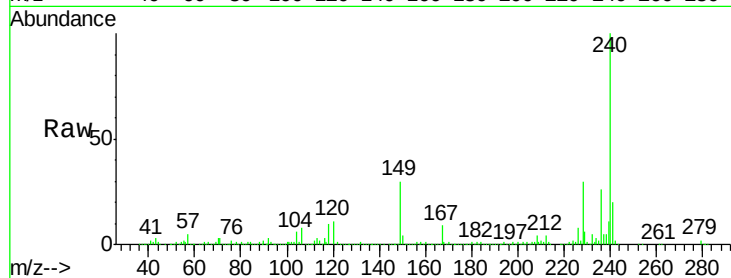
ClientSampleId :

SSTDCCC040

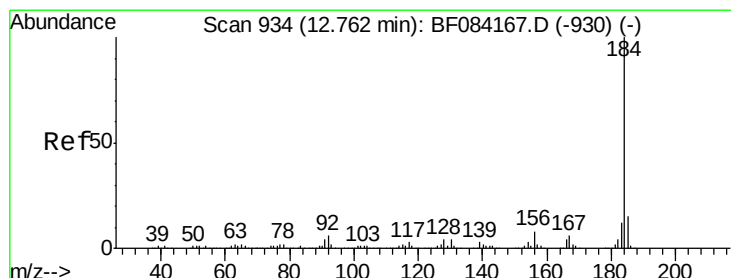
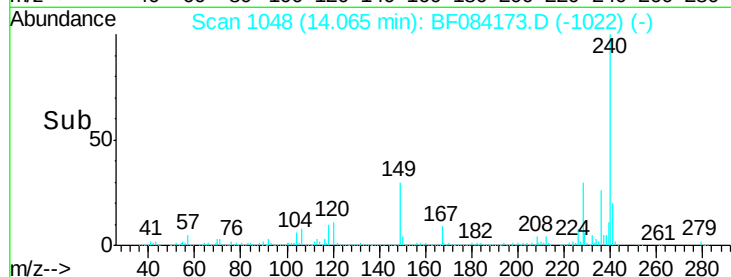
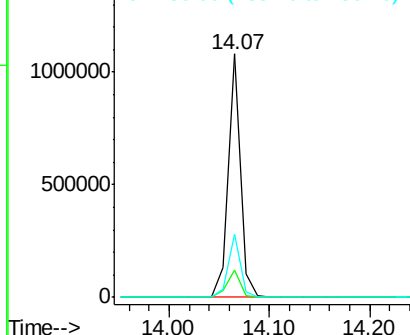
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 915184 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 11.5 | 8.8   | 13.2   |
| 236       | 25.7 | 20.8  | 31.2   |

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



#76

Benzidine

Concen: 38.55 ng

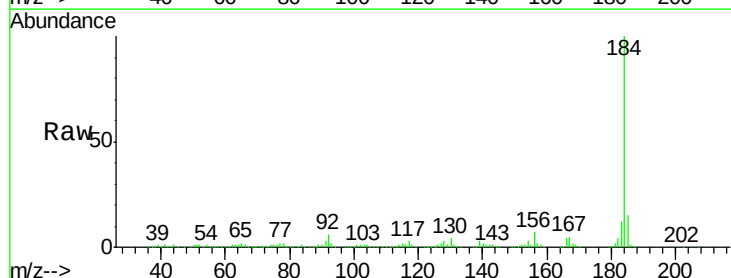
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

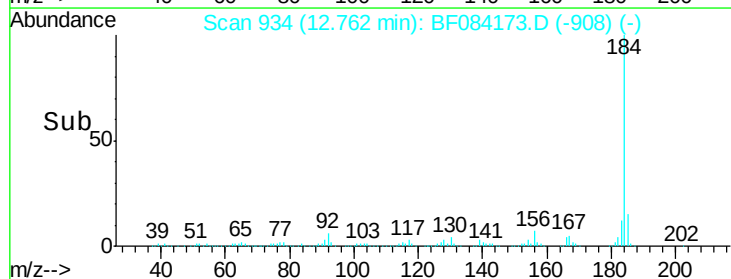
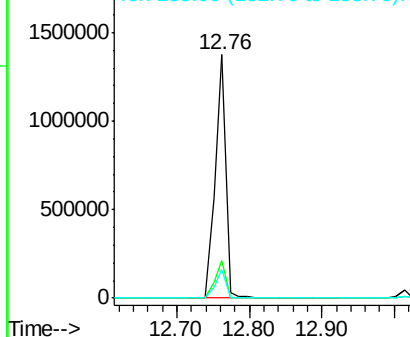
Lab File: BF084173.D

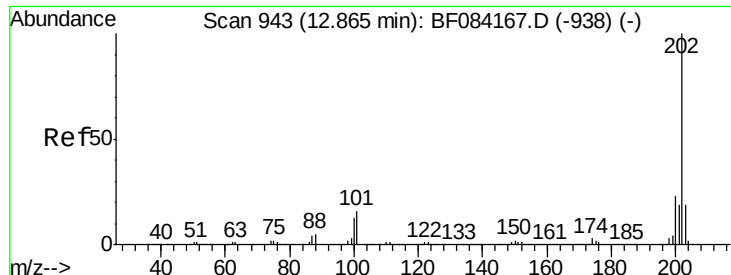
Acq: 31 Dec 2015 3:39

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 184  | Resp: | 1380008 |
| Ion Ratio |      | Lower | Upper   |
| 184       | 100  |       |         |
| 185       | 15.3 | 11.9  | 17.9    |
| 183       | 11.7 | 9.5   | 14.3    |



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





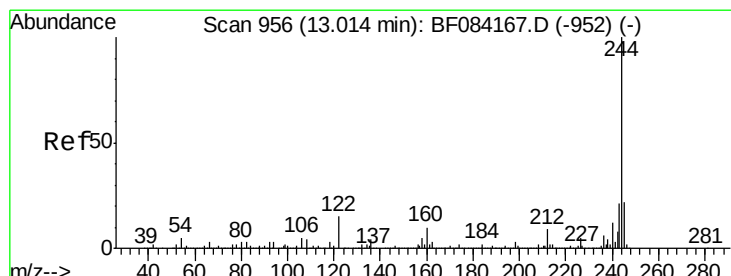
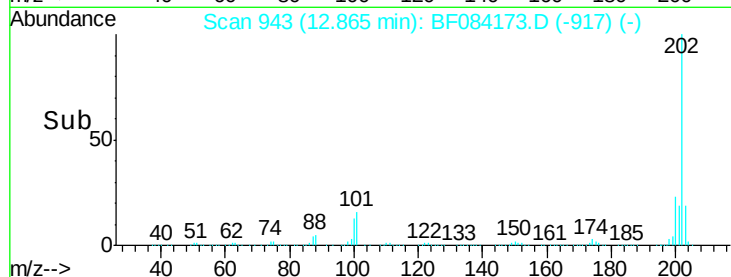
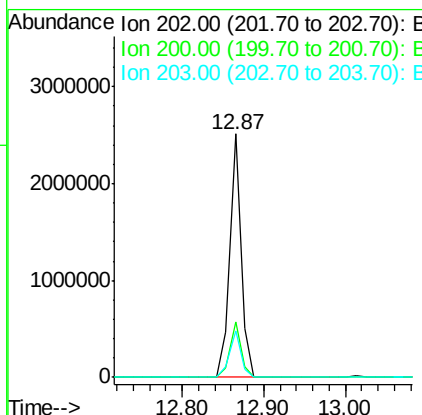
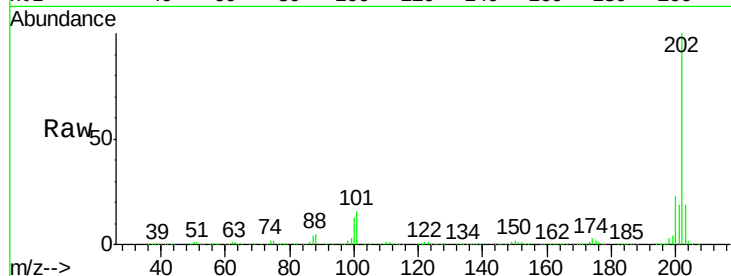
#77  
Pvrene  
Concen: 34.80 ng  
RT: 12.87 min Scan# 943  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.0  | 18.7  | 28.1  |
| 203     | 19.1  | 15.2  | 22.8  |

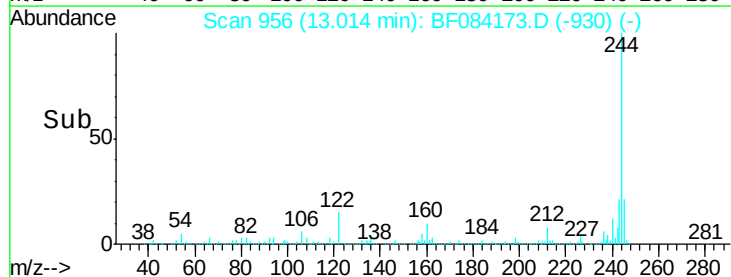
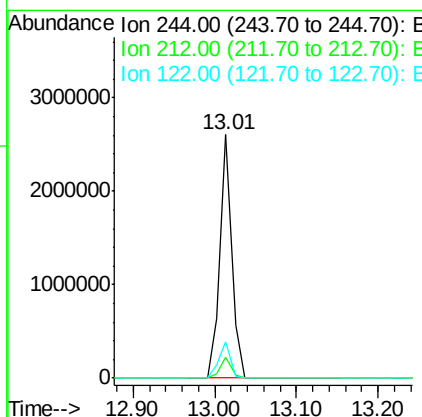
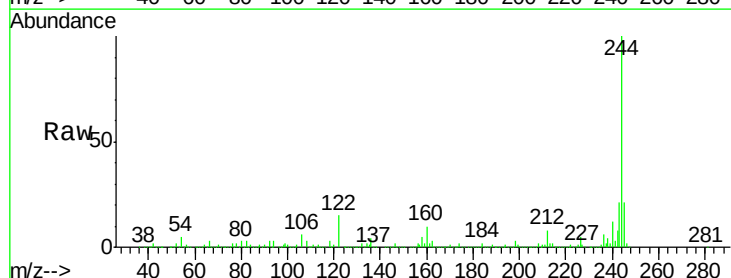
Manual Integrations  
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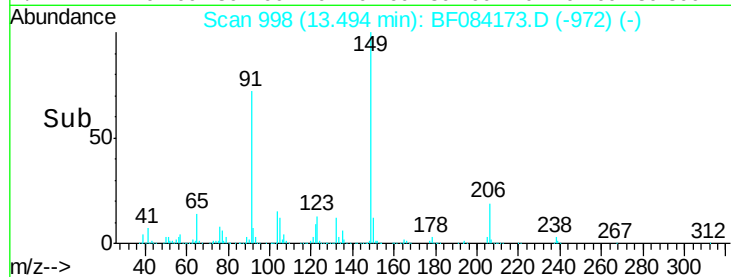
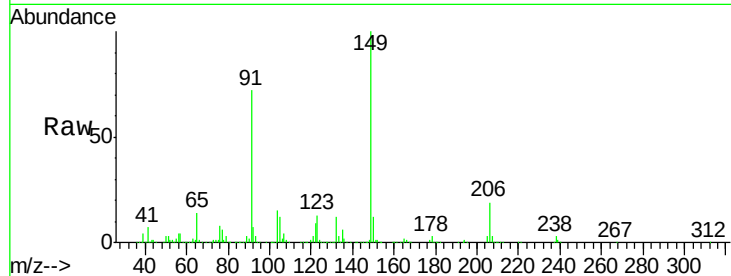
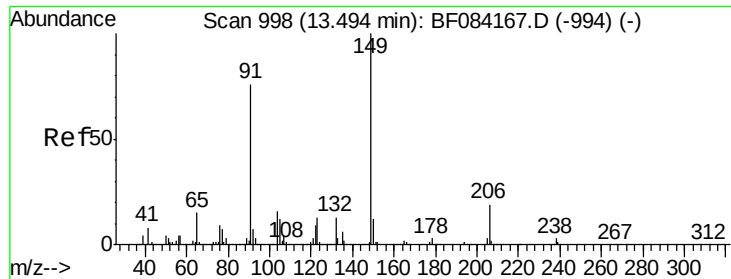
Sohil  
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#78  
Terphenyl-d14  
Concen: 67.61 ng  
RT: 13.01 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.5   | 7.0   | 10.4  |
| 122     | 15.0  | 11.9  | 17.9  |





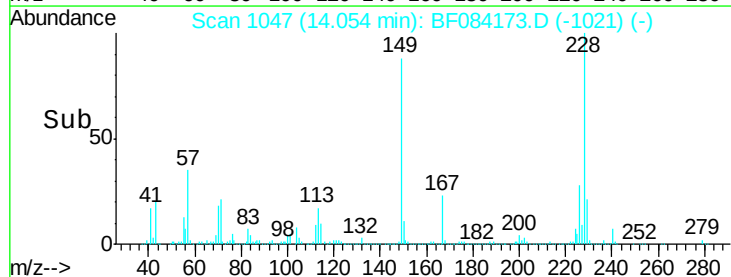
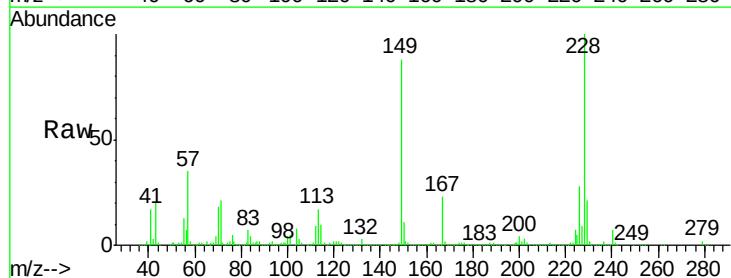
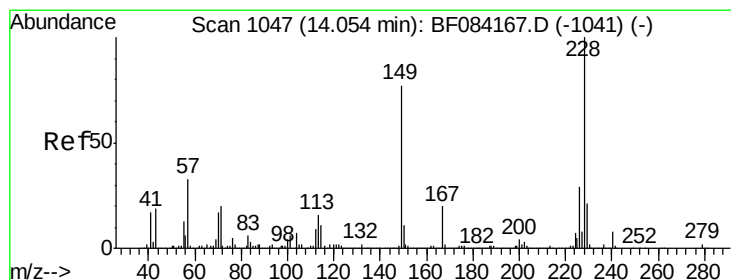
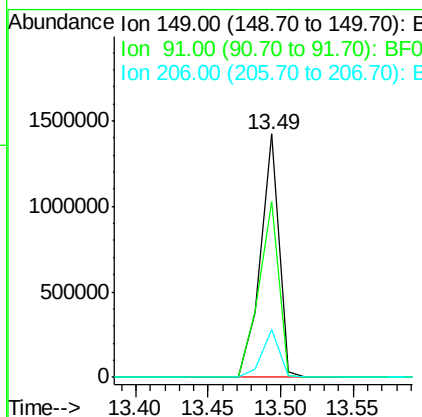
#79  
Butylbenzylphthalate  
Concen: 41.96 ng  
RT: 13.49 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.2  | 61.1  | 91.7  |
| 206     | 19.4  | 15.3  | 22.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

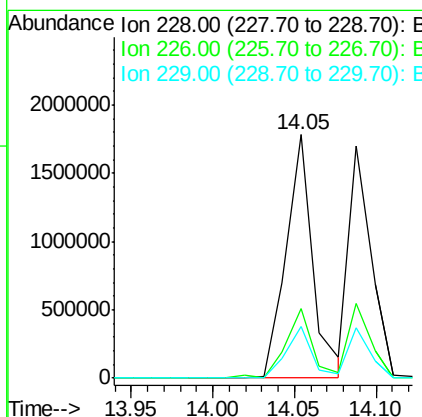
Manual Integrations  
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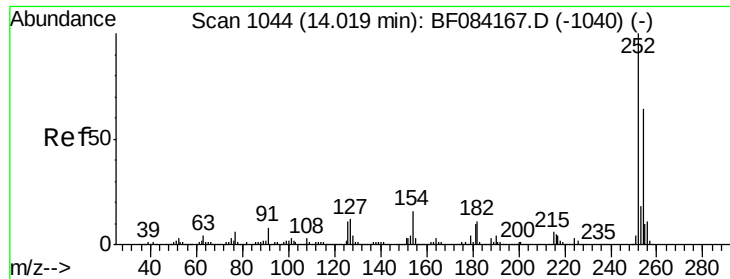
Sohil  
12/31/2015 6:41:39 PM



#80  
Benzo(a)anthracene  
Concen: 38.62 ng  
RT: 14.05 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 23.1  | 34.7  |
| 229     | 21.3  | 16.6  | 25.0  |





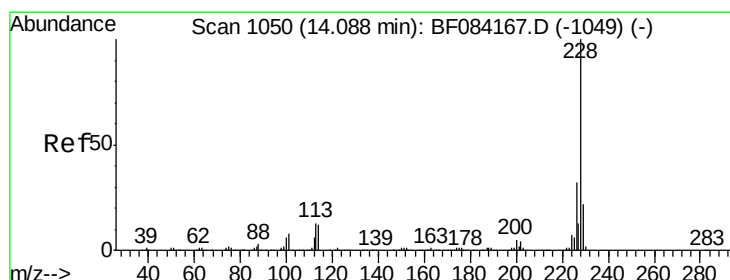
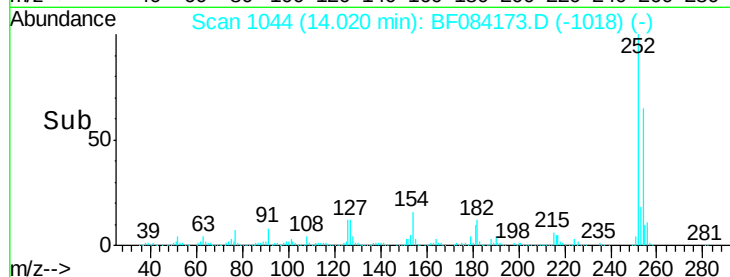
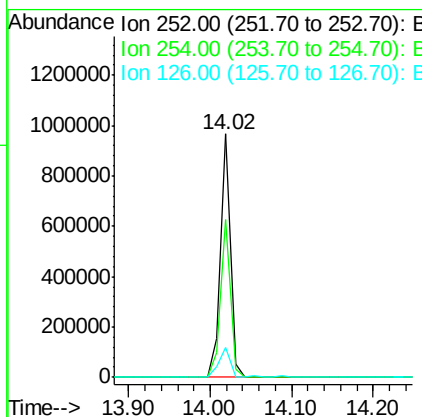
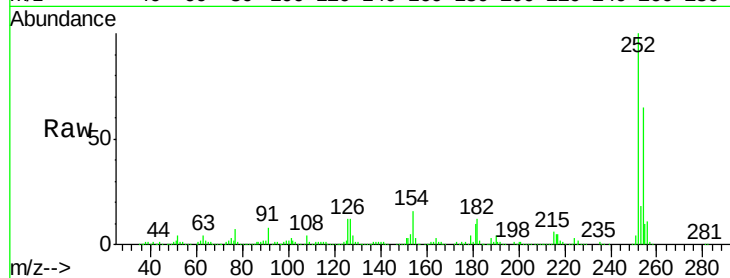
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.81 ng  
 RT: 14.02 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 51.4  | 77.0  |
| 126     | 12.1  | 9.0   | 13.6  |

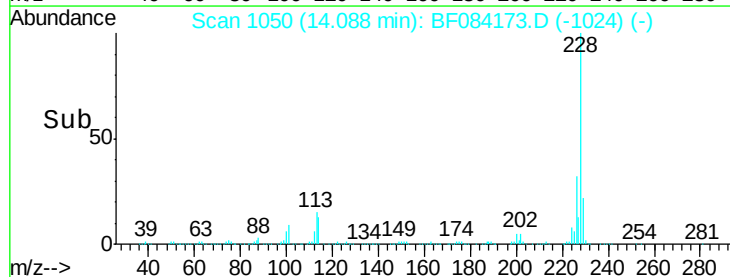
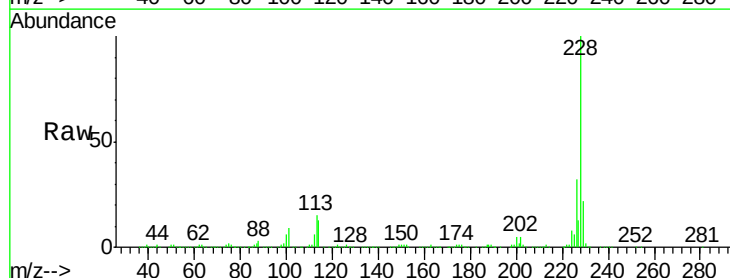
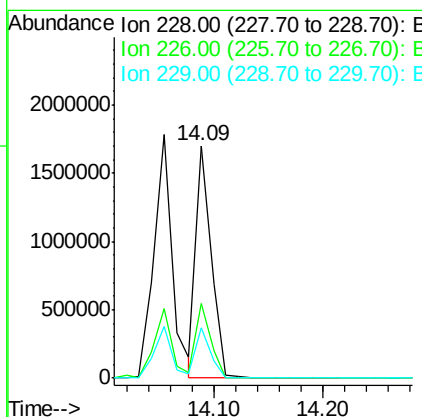
Manual Integrations  
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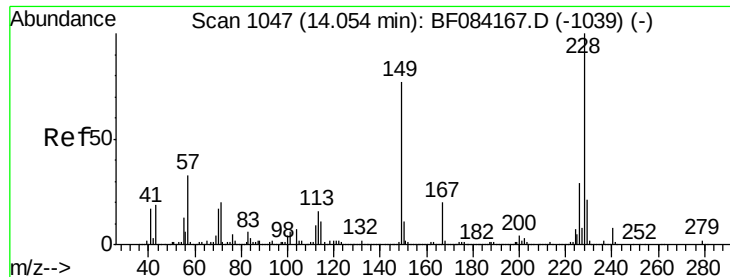
Sohil  
 12/31/2015 6:41:39 PM



#82  
 Chrysene  
 Concen: 34.22 ng  
 RT: 14.09 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 25.4  | 38.2  |
| 229     | 21.6  | 17.4  | 26.2  |





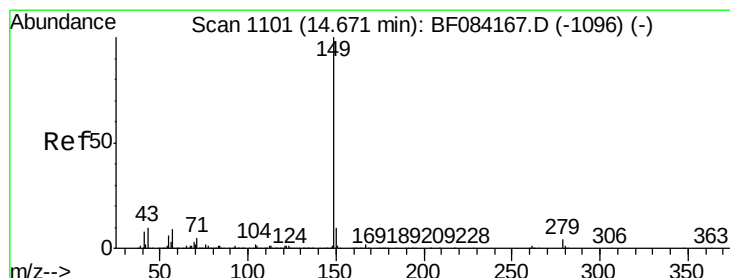
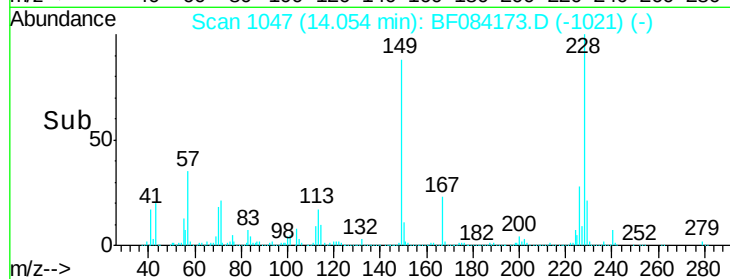
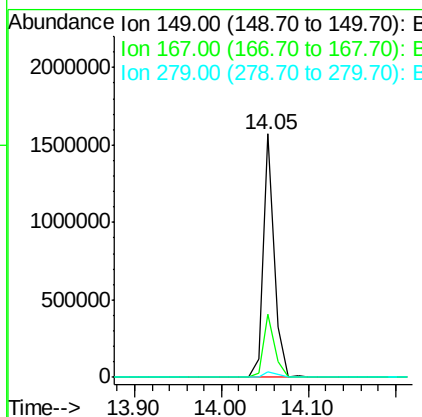
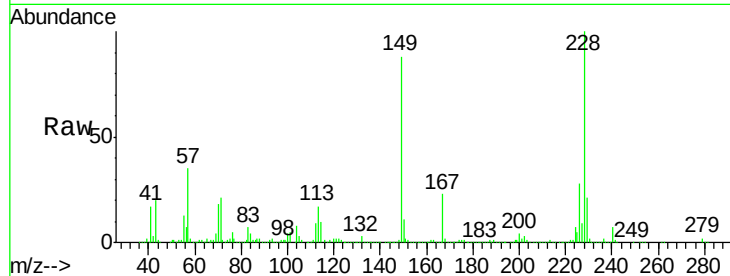
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.15 ng  
 RT: 14.05 min Scan# 1047  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.9  | 20.6  | 30.8  |
| 279     | 2.2   | 1.6   | 2.4   |

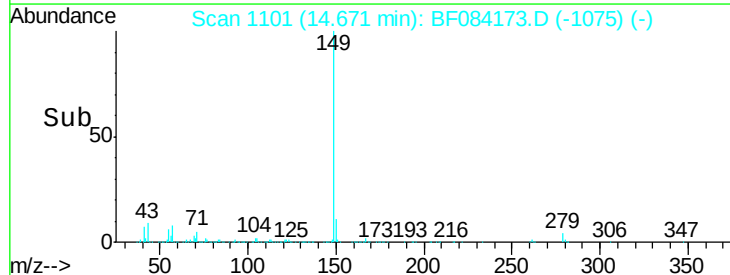
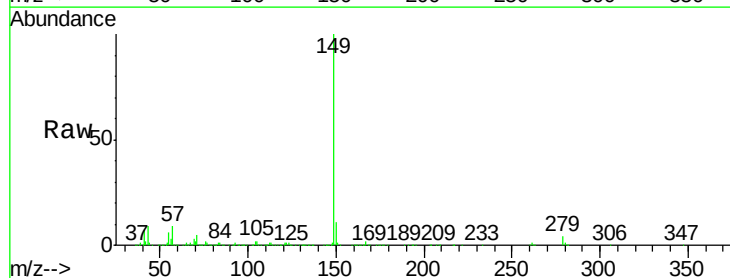
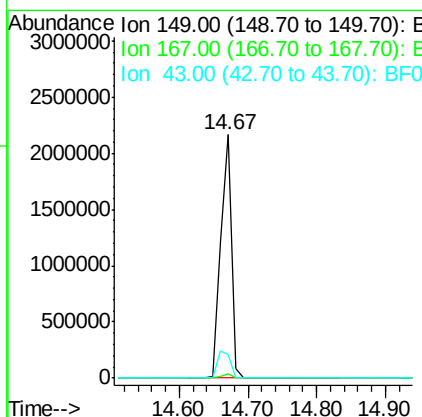
Manual Integrations  
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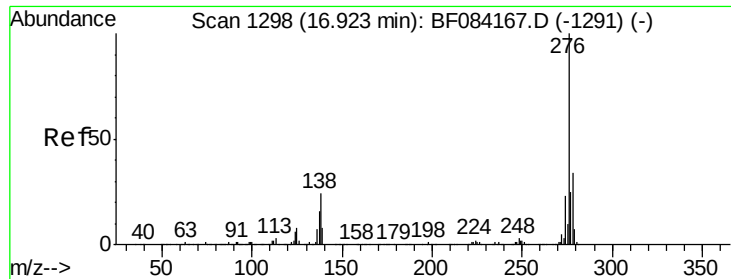
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 12/31/2015 6:41:39 PM



#84  
 Di-n-octyl phthalate  
 Concen: 40.49 ng  
 RT: 14.67 min Scan# 1101  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 13.1  | 10.5  | 15.7  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.15 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1543908

Ion Ratio Lower Upper

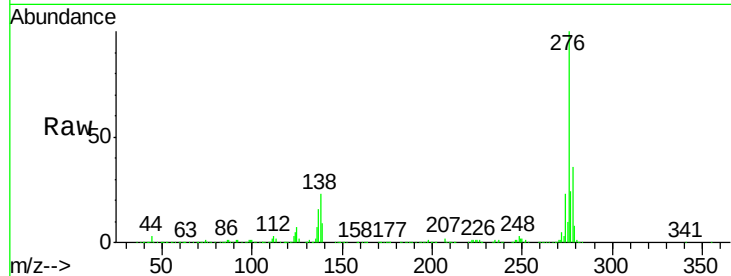
276 100

138 26.8 21.8 32.6

277 25.0 19.7 29.5

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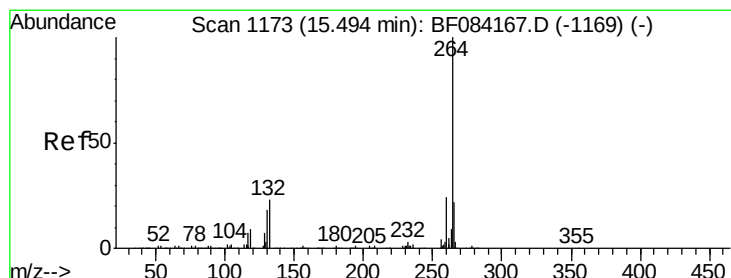
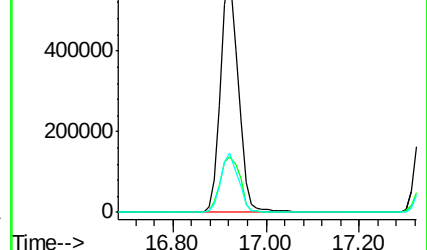
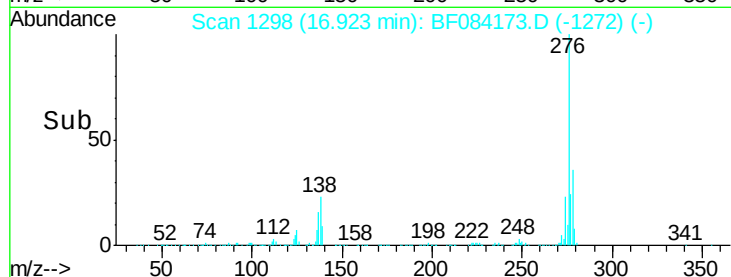
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF084173.D

Acq: 31 Dec 2015 3:39

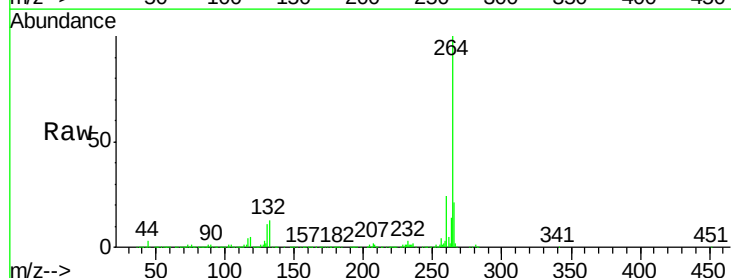
Tgt Ion:264 Resp: 690941

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

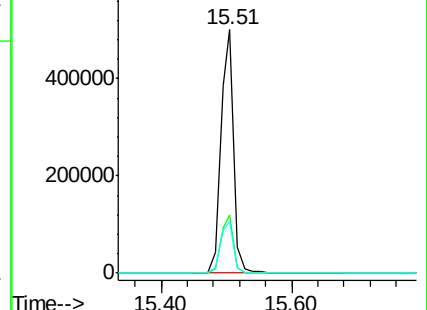
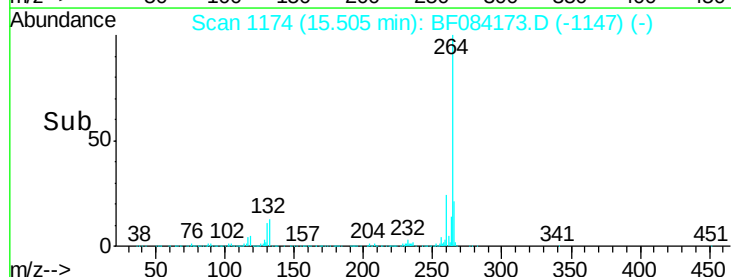
265 21.2 18.0 27.0

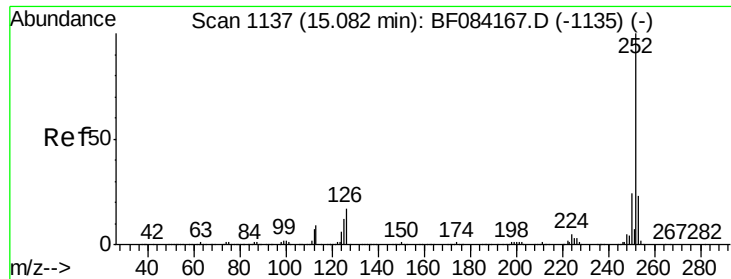


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





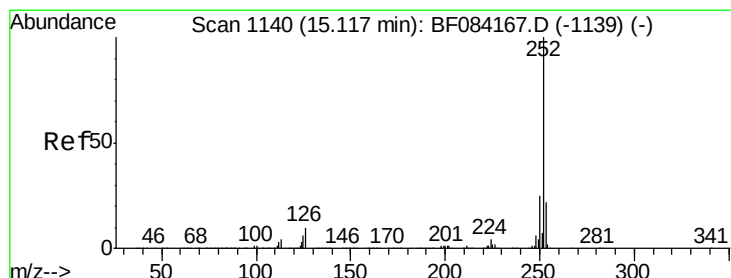
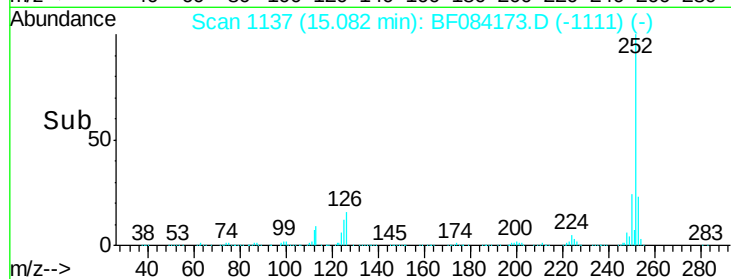
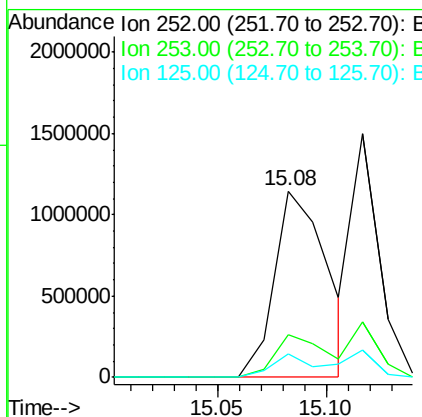
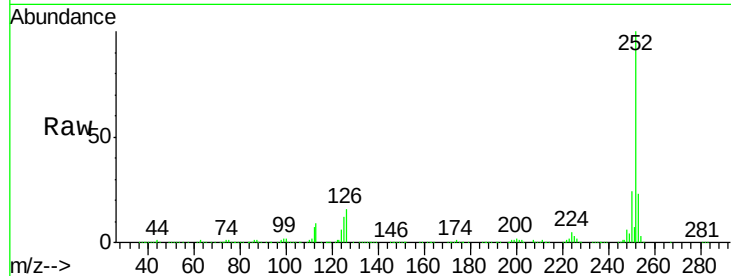
#87  
Benzo(b)fluoranthene  
Concen: 43.05 ng  
RT: 15.08 min Scan# 1137  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 12.3  | 9.8   | 14.6  |

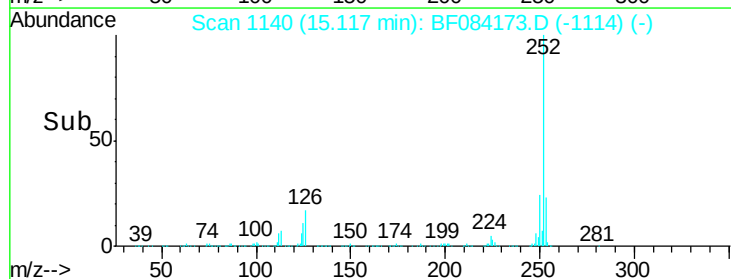
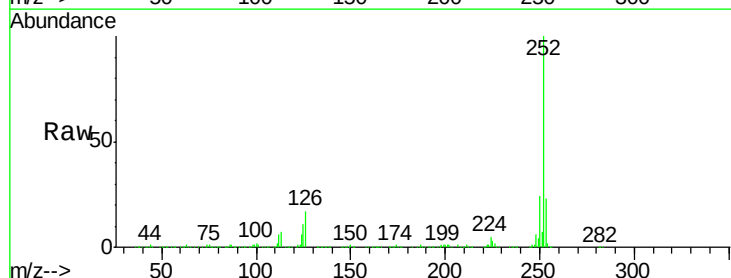
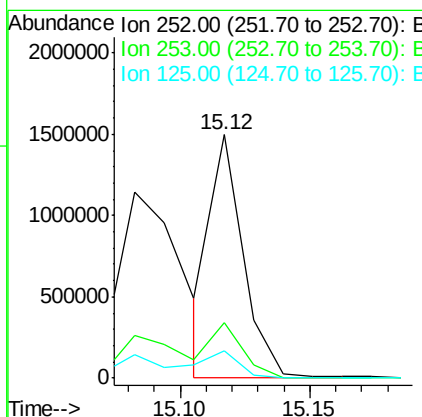
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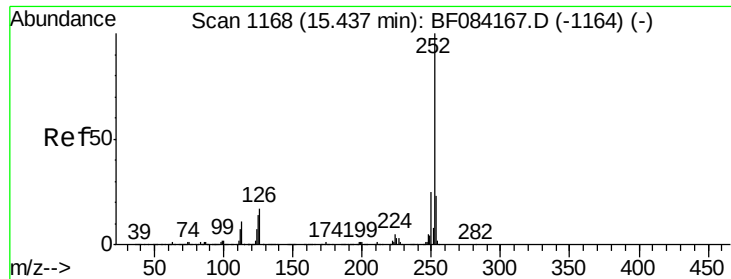


#88  
Benzo(k)fluoranthene  
Concen: 34.85 ng m  
RT: 15.12 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.9  | 26.9  |
| 125     | 11.3  | 8.2   | 12.2  |







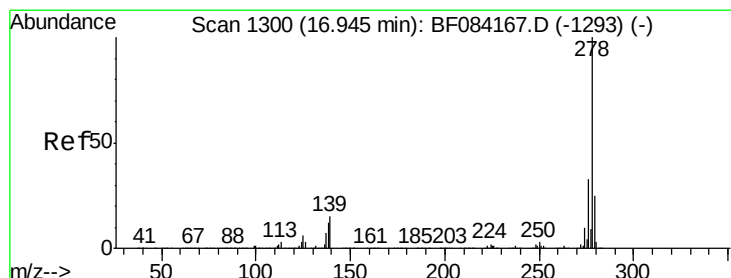
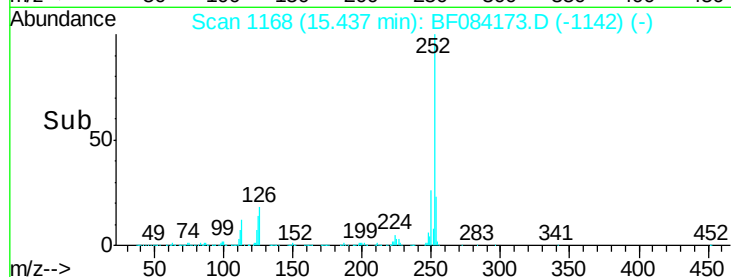
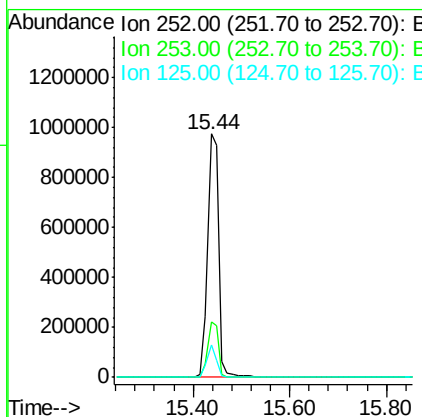
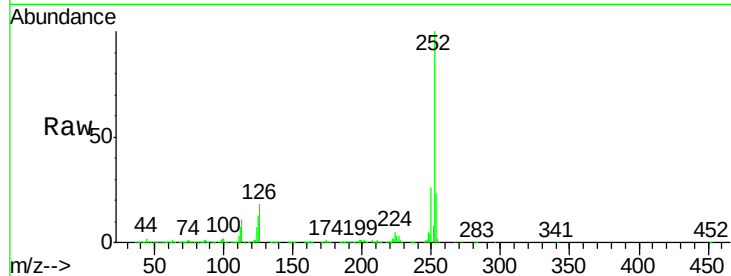
#89  
Benzo(a)pyrene  
Concen: 40.26 ng  
RT: 15.44 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1559024  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 13.4 11.1 16.7

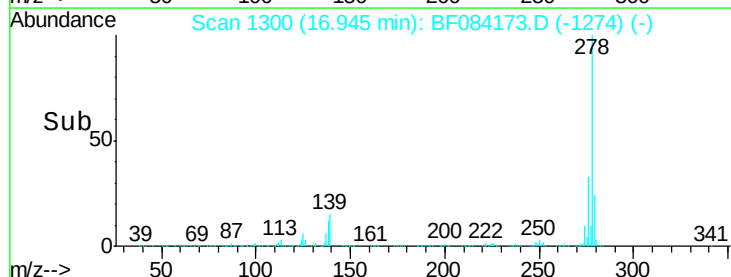
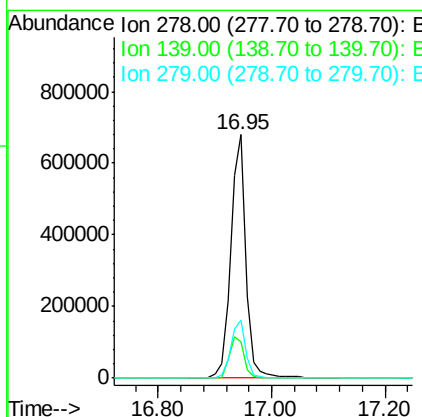
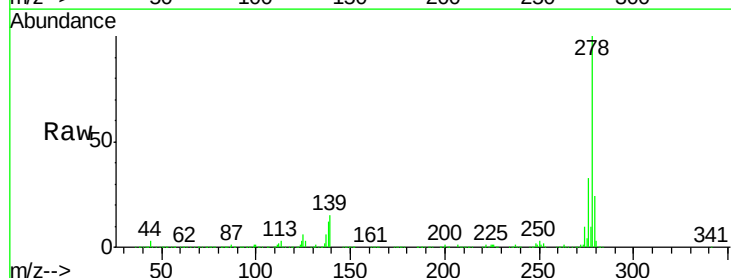
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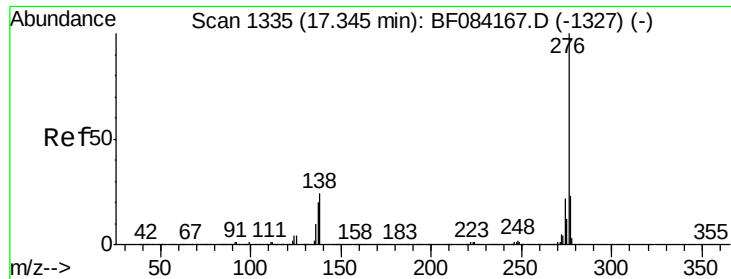
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.29 ng  
RT: 16.95 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BF084173.D  
Acq: 31 Dec 2015 3:39

Tgt Ion:278 Resp: 1272041  
Ion Ratio Lower Upper  
278 100  
139 14.7 11.9 17.9  
279 23.8 19.7 29.5





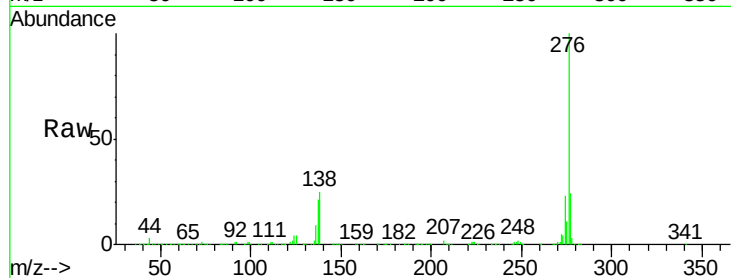
#91  
 Benzo(a,h,i)perylene  
 Concen: 39.50 ng  
 RT: 17.35 min Scan# 1335  
 Delta R.T. 0.00 min  
 Lab File: BF084173.D  
 Acq: 31 Dec 2015 3:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.7  | 28.1  |
| 138     | 24.8  | 19.4  | 29.2  |

Manual Integrations  
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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

