

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090616\  
 Data File : BF089990.D  
 Acq On : 6 Sep 2016 15:09  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 9/7/2016 8:50:24 AM

Quant Time: Sep 06 17:39:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 13:29:08 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.62  | 152  | 207661   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.91  | 136  | 863227   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.66  | 164  | 432111   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.12 | 188  | 797659   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.74 | 240  | 625657   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.07 | 264  | 561944   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.19  | 112 | 1050501 | 80.97 | ng | -0.02 |
| 7) Phenol-d6             | 6.27  | 99  | 1215398 | 77.10 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.19  | 82  | 1134363 | 76.21 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.43 | 330 | 326308  | 76.54 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 8.98  | 172 | 2043238 | 77.62 | ng | -0.02 |
| 78) Terphenyl-d14        | 12.71 | 244 | 1941228 | 76.65 | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.07 | 88  | 241545  | 39.30 | ng | 96     |
| 3) Pyridine                    | 2.70 | 79  | 617047  | 37.63 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.65 | 42  | 298802  | 36.95 | ng | 96     |
| 6) Aniline                     | 6.28 | 93  | 812979  | 37.80 | ng | 98     |
| 8) 2-Chlorophenol              | 6.40 | 128 | 557016  | 39.57 | ng | 85     |
| 9) Benzaldehyde                | 6.16 | 77  | 389231  | 38.27 | ng | 96     |
| 10) Phenol                     | 6.28 | 94  | 671090  | 36.61 | ng | 84     |
| 11) bis(2-Chloroethyl)ether    | 6.36 | 93  | 569487  | 41.05 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.56 | 146 | 642082m | 40.85 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.64 | 146 | 656310  | 40.81 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.79 | 146 | 557601  | 38.67 | ng | 97     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 408527  | 41.37 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45  | 1008841 | 38.14 | ng | 88     |
| 17) 2-Methylphenol             | 6.90 | 107 | 459102  | 40.84 | ng | 95     |
| 18) Hexachloroethane           | 7.13 | 117 | 216121  | 39.23 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.05 | 70  | 374368  | 36.44 | ng | 90     |
| 20) 3+4-Methylphenols          | 7.05 | 107 | 580790  | 42.63 | ng | # 85   |
| 22) Acetophenone               | 7.04 | 105 | 730429  | 37.72 | ng | # 91   |
| 24) Nitrobenzene               | 7.21 | 77  | 591665  | 37.39 | ng | 93     |
| 25) Isophorone                 | 7.45 | 82  | 1129009 | 37.30 | ng | 97     |
| 26) 2-Nitrophenol              | 7.53 | 139 | 339300  | 44.86 | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 7.58 | 122 | 530993  | 37.95 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93  | 700050  | 38.35 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.77 | 162 | 495121  | 39.47 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.85 | 180 | 525437  | 38.31 | ng | 96     |
| 31) Naphthalene                | 7.93 | 128 | 1637805 | 38.08 | ng | 99     |
| 32) Benzoic acid               | 7.74 | 122 | 444244  | 47.13 | ng | 98     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 714472  | 41.18 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.06 | 225 | 327527  | 40.75 | ng | 98     |
| 35) Caprolactam                | 8.36 | 113 | 143119  | 36.15 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 8.48 | 107 | 524628  | 39.49 | ng | 85     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 1018827 | 35.85 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.79 | 216 | 532194  | 42.04 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.78 | 237 | 310890  | 47.90 | ng | 97     |

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 Misc :  
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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

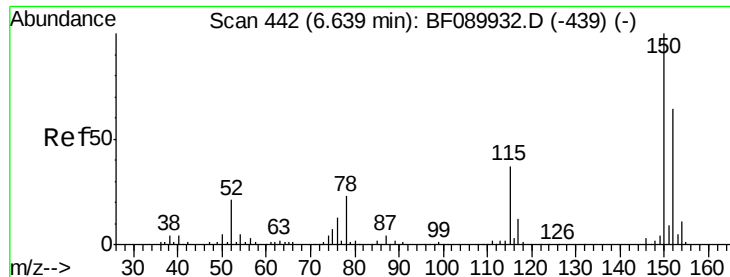
sohil  
 9/7/2016 8:50:24 AM

Quant Time: Sep 06 17:39:01 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 13:29:08 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 376446   | 42.91 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.94  | 196  | 362670   | 42.99 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.08  | 154  | 1345145  | 38.66 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.11  | 162  | 1039271  | 42.23 | ng    | 94       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 329507   | 40.96 | ng    | # 58     |
| 48) Acenaphthylene             | 9.52  | 152  | 1570019  | 38.58 | ng    | 98       |
| 49) Dimethylphthalate          | 9.39  | 163  | 1118714  | 35.82 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.45  | 165  | 284724   | 40.99 | ng    | 93       |
| 51) Acenaphthene               | 9.69  | 154  | 1072084  | 41.58 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.62  | 138  | 339291   | 42.83 | ng    | # 74     |
| 53) 2,4-Dinitrophenol          | 9.72  | 184  | 152821   | 43.12 | ng    | # 52     |
| 54) Dibenzofuran               | 9.86  | 168  | 1302338  | 37.69 | ng    | 91       |
| 55) 4-Nitrophenol              | 9.79  | 139  | 272713   | 45.64 | ng    | # 76     |
| 56) 2,4-Dinitrotoluene         | 9.85  | 165  | 382013   | 43.37 | ng    | 97       |
| 57) Fluorene                   | 10.19 | 166  | 877115   | 34.74 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.98  | 232  | 282017   | 39.05 | ng    | 99       |
| 59) Diethylphthalate           | 10.09 | 149  | 1181948  | 40.23 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 441190   | 37.13 | ng    | # 87     |
| 61) 4-Nitroaniline             | 10.23 | 138  | 286682   | 36.83 | ng    | 90       |
| 62) Azobenzene                 | 10.35 | 77   | 1139868  | 38.84 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.25 | 198  | 197939   | 38.76 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 1020509  | 42.56 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.68 | 248  | 328070   | 40.85 | ng    | # 82     |
| 67) Hexachlorobenzene          | 10.74 | 284  | 391137   | 42.64 | ng    | # 81     |
| 68) Atrazine                   | 10.84 | 200  | 289938   | 36.22 | ng    | 99       |
| 69) Pentachlorophenol          | 10.94 | 266  | 241092   | 48.86 | ng    | 98       |
| 70) Phenanthrene               | 11.14 | 178  | 1443884  | 36.35 | ng    | 99       |
| 71) Anthracene                 | 11.20 | 178  | 1627294  | 40.39 | ng    | 99       |
| 72) Carbazole                  | 11.36 | 167  | 1580626  | 41.84 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1741352  | 39.55 | ng    | 99       |
| 74) Fluoranthene               | 12.32 | 202  | 1470347  | 35.32 | ng    | 96       |
| 76) Benzidine                  | 12.46 | 184  | 943140   | 39.79 | ng    | 96       |
| 77) Pyrene                     | 12.55 | 202  | 1671945  | 37.90 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.19 | 149  | 733152   | 41.21 | ng    | # 74     |
| 80) Benzo(a)anthracene         | 13.73 | 228  | 1452120  | 37.89 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.70 | 252  | 609812   | 44.09 | ng    | # 97     |
| 82) Chrysene                   | 13.76 | 228  | 1293017  | 36.12 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.75 | 149  | 978003   | 39.75 | ng    | # 97     |
| 84) Di-n-octyl phthalate       | 14.35 | 149  | 1706564  | 42.97 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.30 | 276  | 1103222  | 41.69 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.72 | 252  | 1375463m | 39.07 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.74 | 252  | 1108731m | 37.12 | ng    |          |
| 89) Benzo(a)pyrene             | 15.03 | 252  | 1235625  | 40.97 | ng    | # 99     |
| 90) Dibenzo(a,h)anthracene     | 16.31 | 278  | 891079   | 40.32 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 16.66 | 276  | 885767   | 39.82 | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

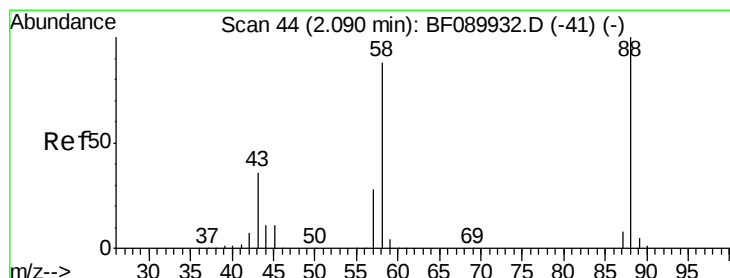
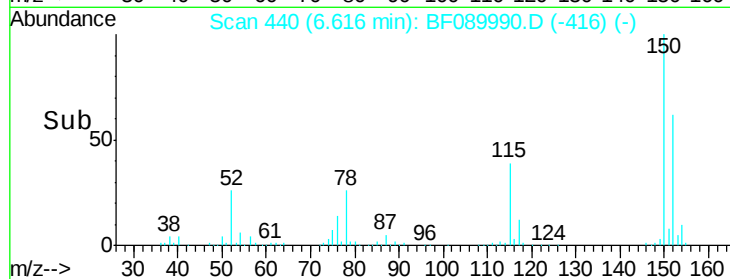
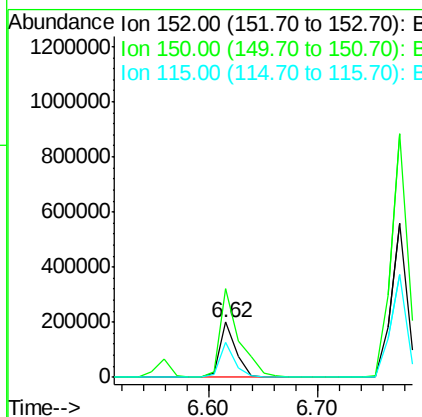
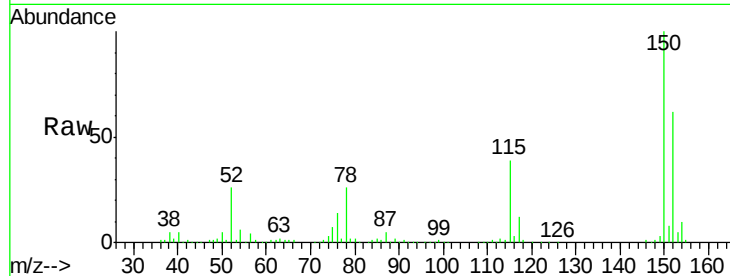
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 207661 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 161.3 | 127.4 | 191.2  |
| 115       | 63.4  | 46.3  | 69.5   |

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#2

1,4-Dioxane

Concen: 39.30 ng

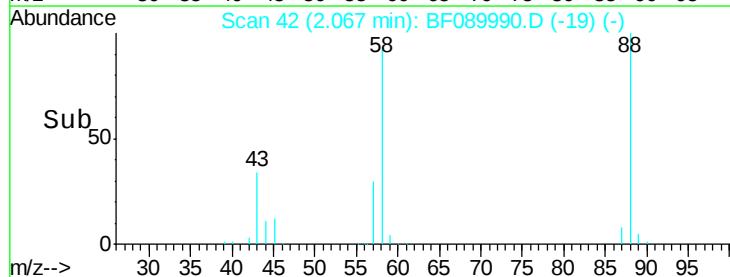
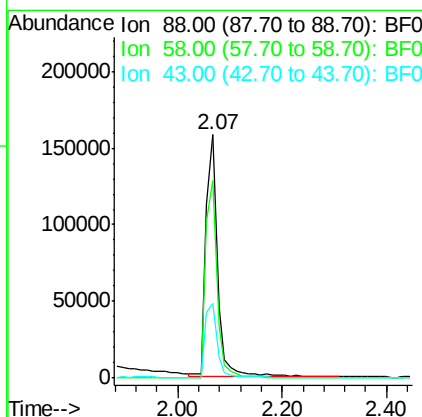
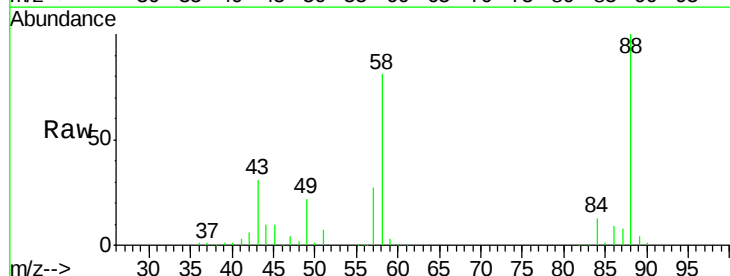
RT: 2.07 min Scan# 42

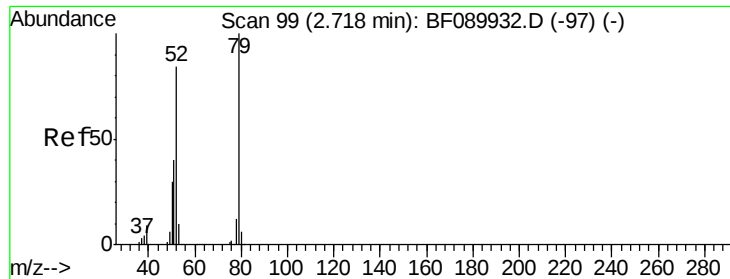
Delta R.T. -0.03 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 241545 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 81.9  | 68.8  | 103.2  |
| 43        | 31.7  | 27.0  | 40.6   |





#3

Pyridine

Concen: 37.63 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.03 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

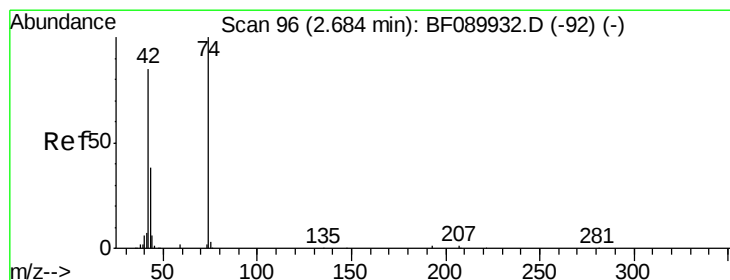
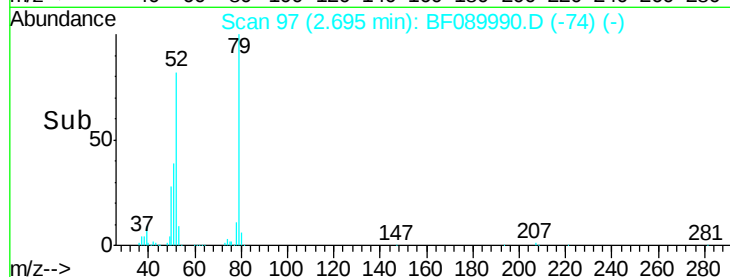
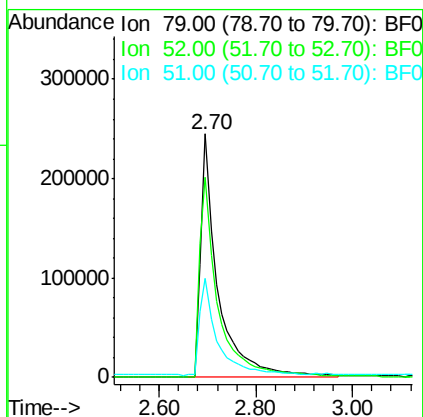
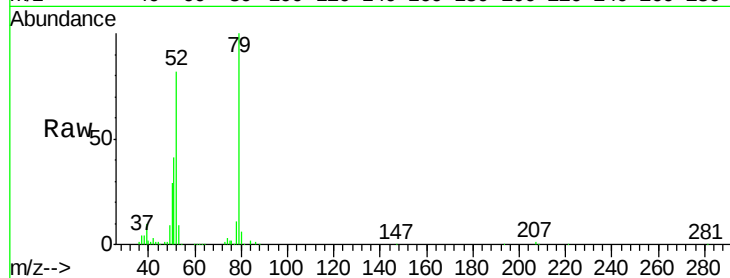
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 617047 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 82.3  | 67.8  | 101.6  |
| 51       | 40.8  | 32.9  | 49.3   |

Manual Integrations  
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9/7/2016 8:50:24 AM



#4

n-Nitrosodimethylamine

Concen: 36.95 ng

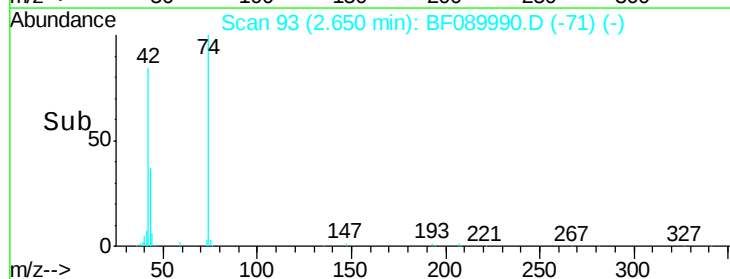
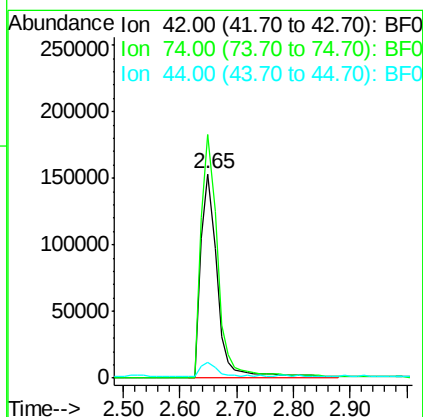
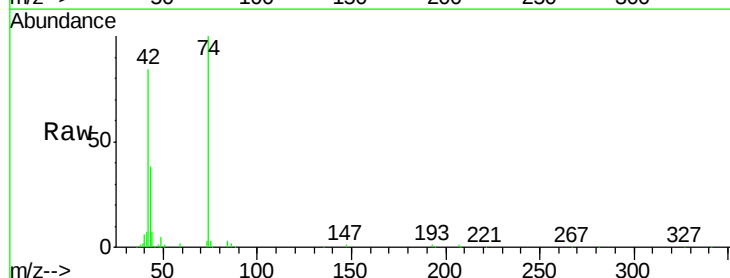
RT: 2.65 min Scan# 93

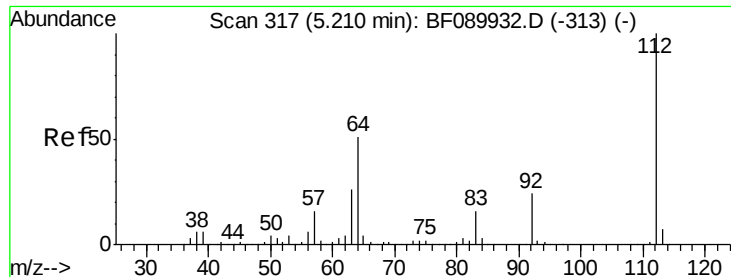
Delta R.T. -0.05 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 298802 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 119.3 | 92.0  | 138.0  |
| 44       | 7.8   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 80.97 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

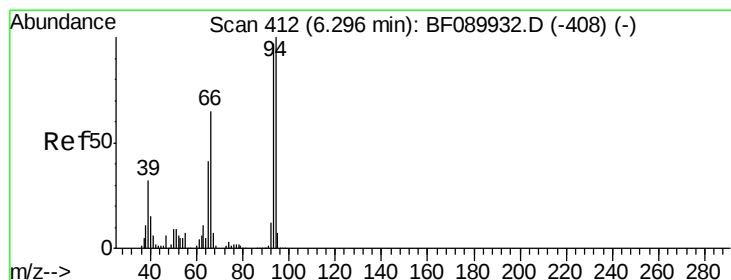
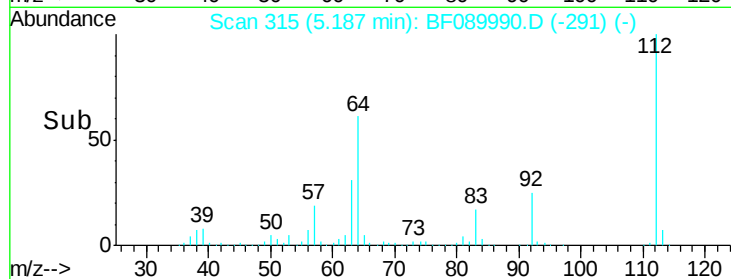
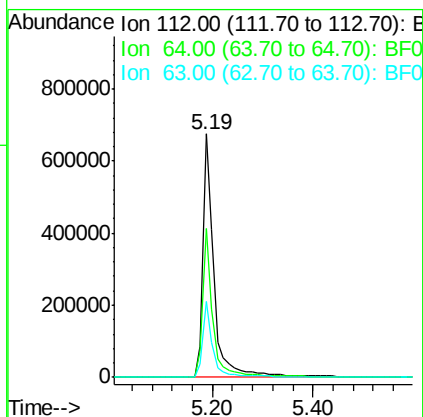
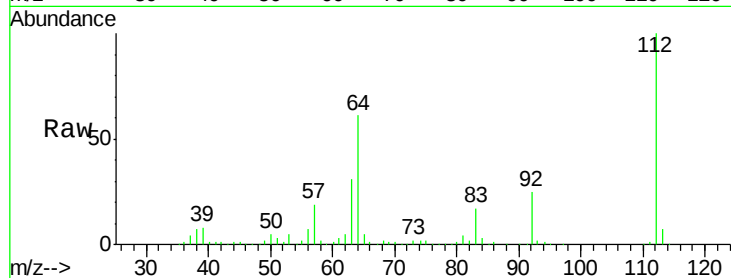
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1050501 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 61.0  | 41.1  | 61.7    |
| 63       | 31.2  | 21.2  | 31.8    |

Manual Integrations  
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9/7/2016 8:50:24 AM



#6

Aniline

Concen: 37.80 ng

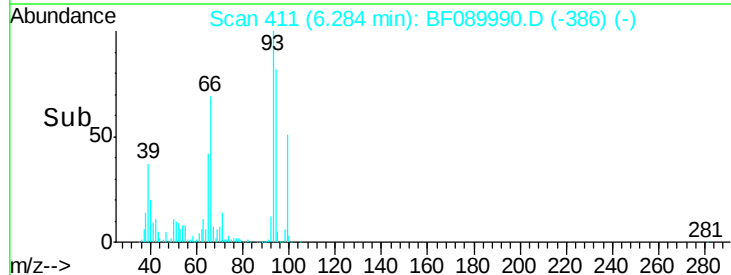
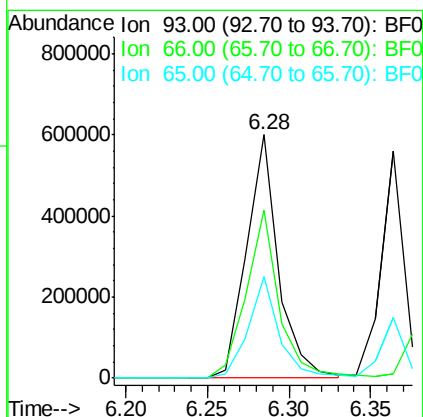
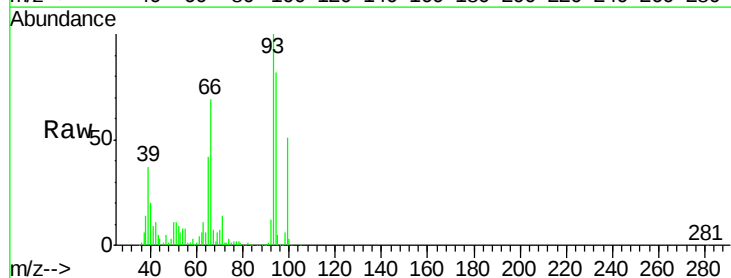
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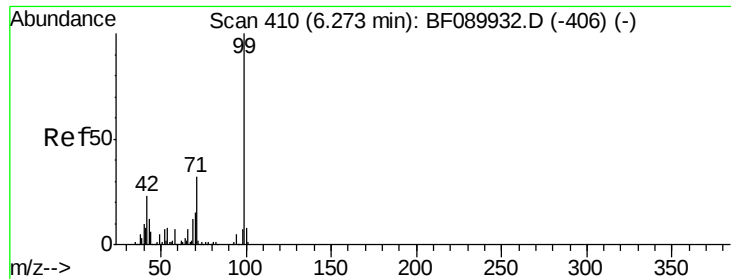
Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 812979 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 68.8  | 52.9  | 79.3   |
| 65       | 41.7  | 33.0  | 49.6   |





#7

Phenol-d6

Concen: 77.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1215398

Ion Ratio Lower Upper

99 100

42 22.5 18.6 27.8

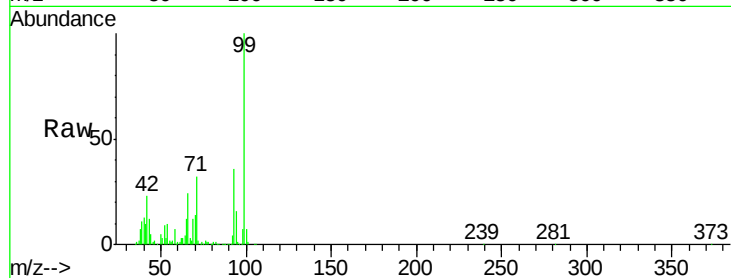
71 31.9 25.8 38.6

Manual Integrations

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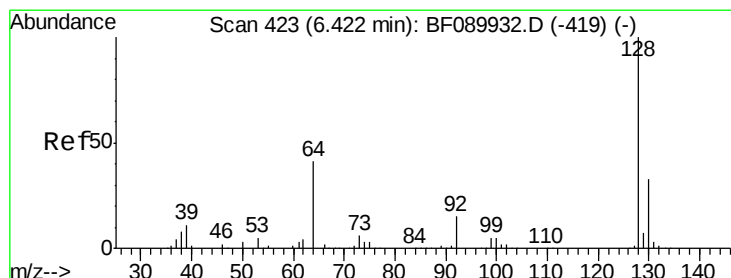
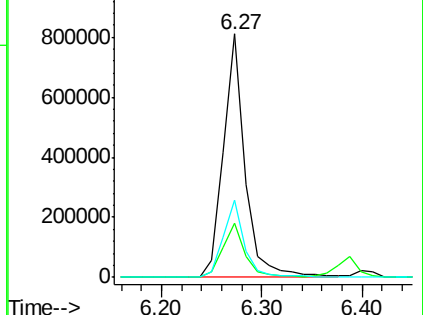
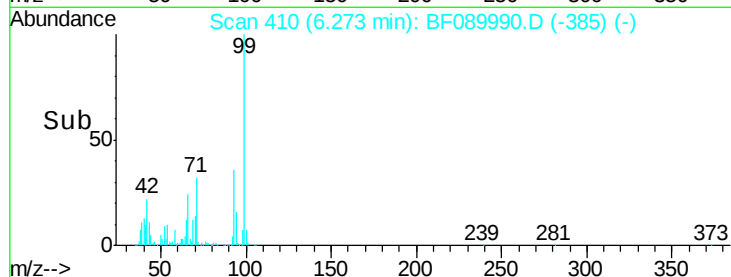
9/7/2016 8:50:24 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.57 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

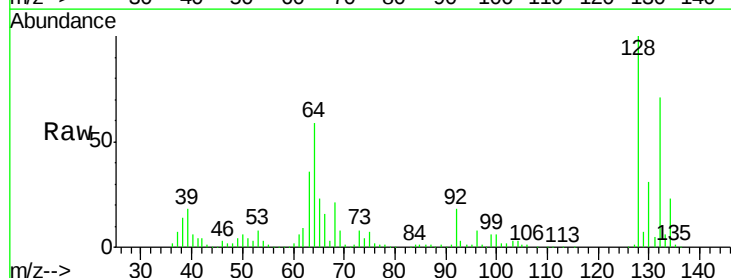
Tgt Ion: 128 Resp: 557016

Ion Ratio Lower Upper

128 100

130 31.4 12.8 52.8

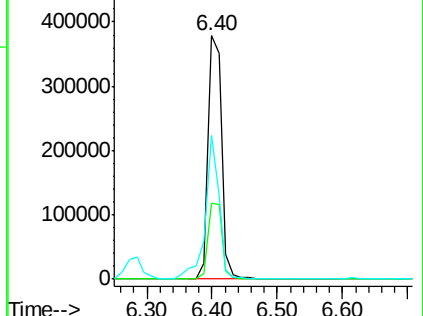
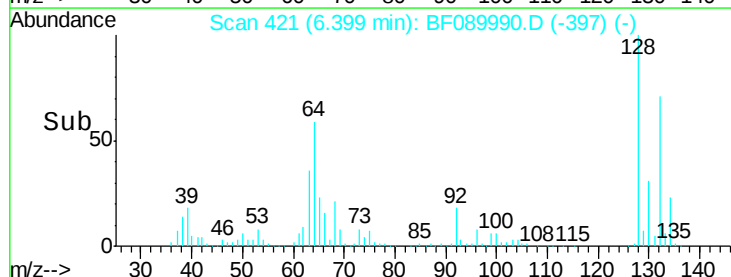
64 59.1 23.2 63.2

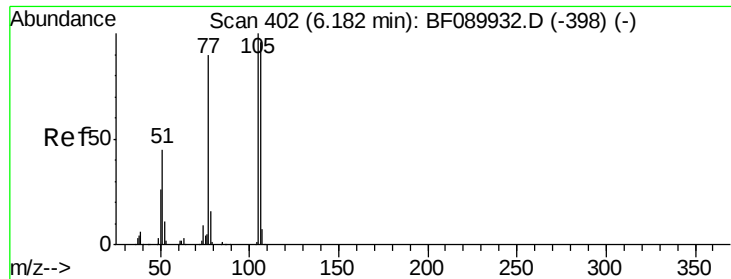


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.27 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

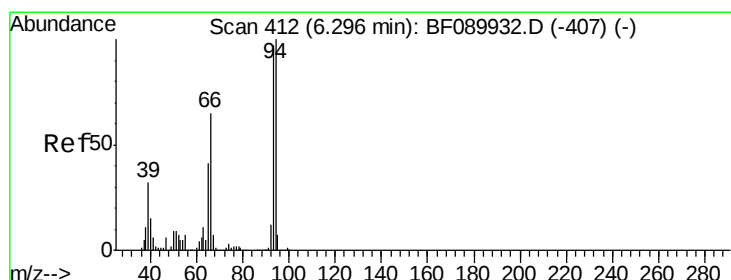
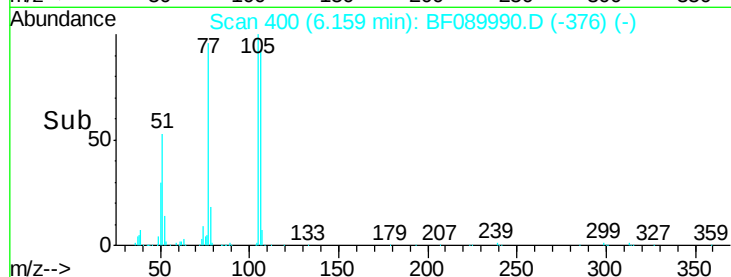
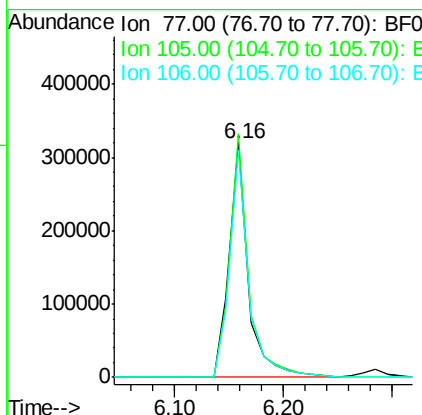
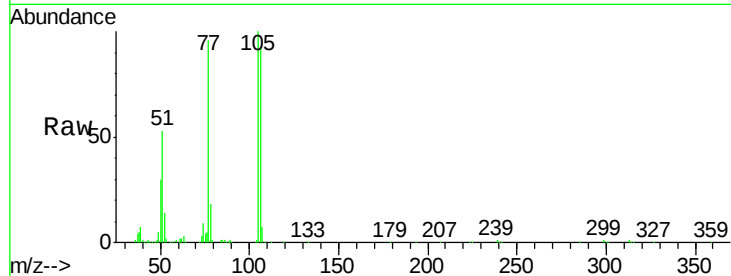
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.9 | 85.4  | 125.4 |
| 106     | 97.1  | 83.4  | 123.4 |

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#10

Phenol

Concen: 36.61 ng

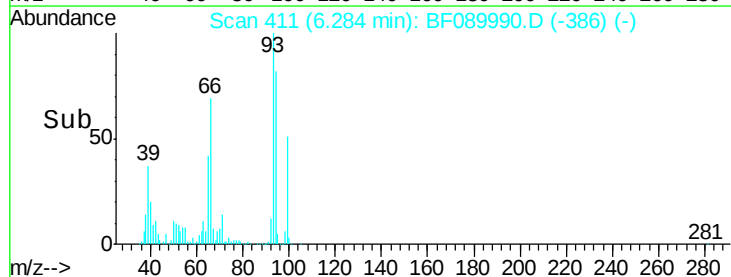
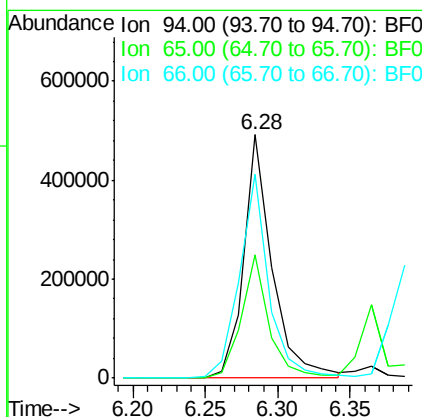
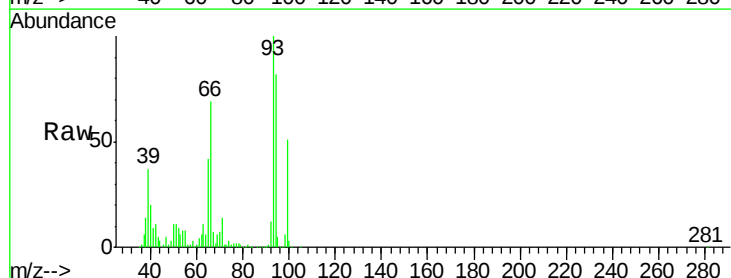
RT: 6.28 min Scan# 411

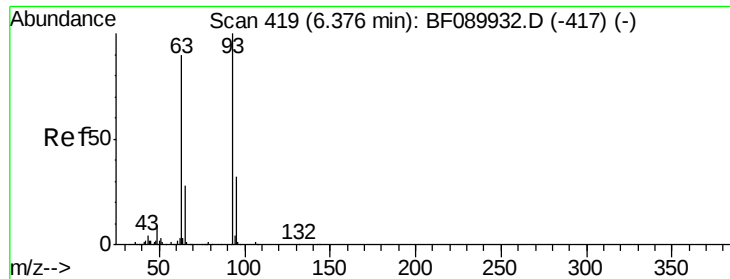
Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 50.9  | 23.2  | 63.2  |
| 66      | 84.0  | 49.2  | 89.2  |





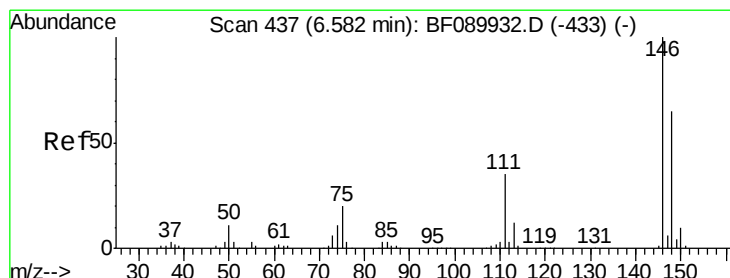
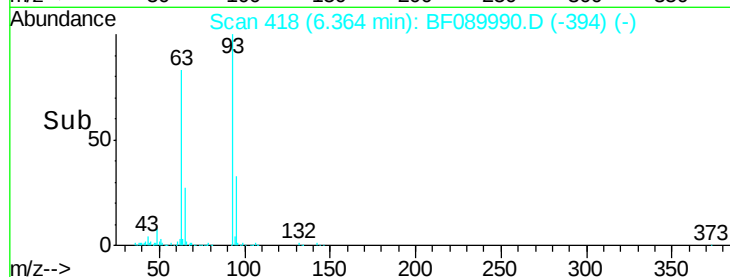
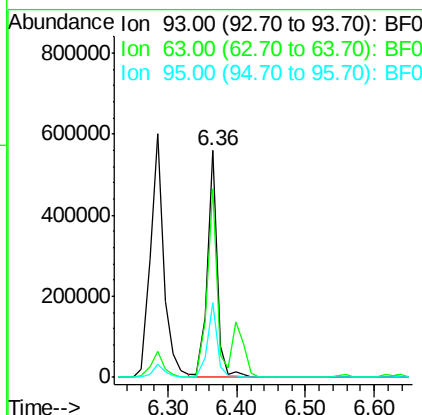
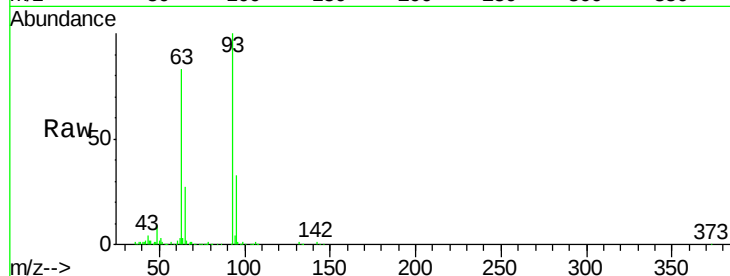
#11  
bis(2-Chloroethyl)ether  
Concen: 41.05 ng  
RT: 6.36 min Scan# 418  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 569487 |       |       |
| 63      | 83.2  | 71.1   | 111.1 |       |
| 95      | 33.2  | 12.4   | 52.4  |       |

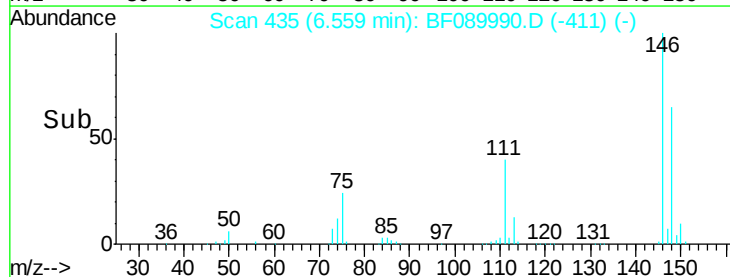
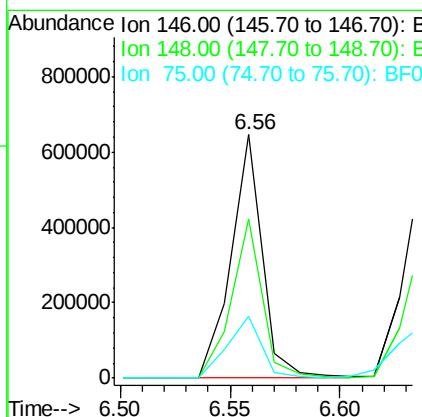
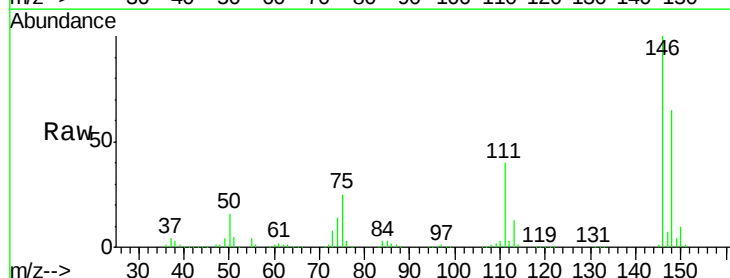
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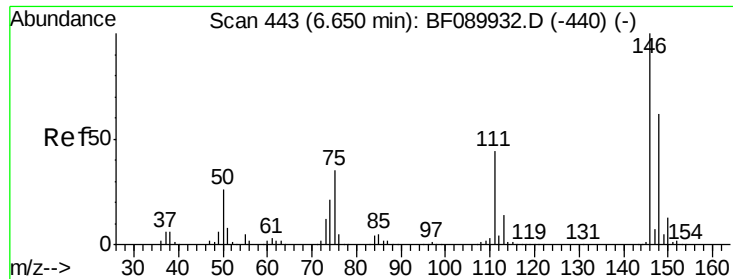
sohil  
9/7/2016 8:50:24 AM



#12  
1,3-Dichlorobenzene  
Concen: 40.85 ng m  
RT: 6.56 min Scan# 435  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 642082 |       |       |
| 148     | 65.3  | 52.5   | 78.7  |       |
| 75      | 25.2  | 16.6   | 24.8# |       |





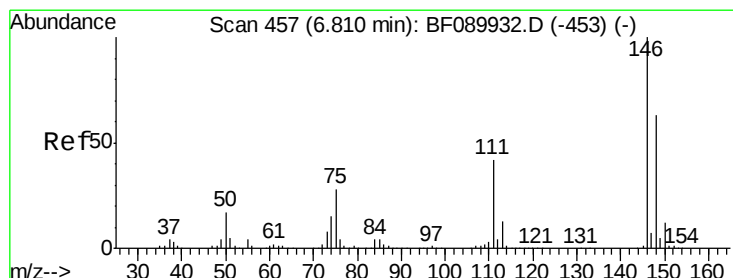
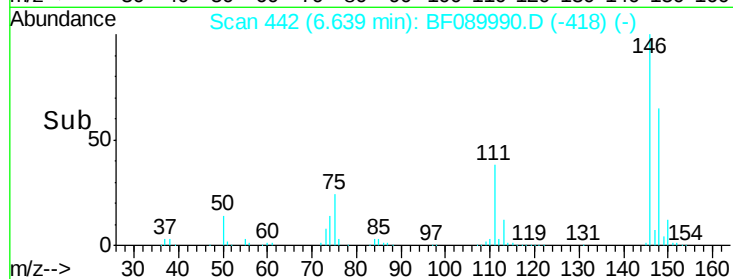
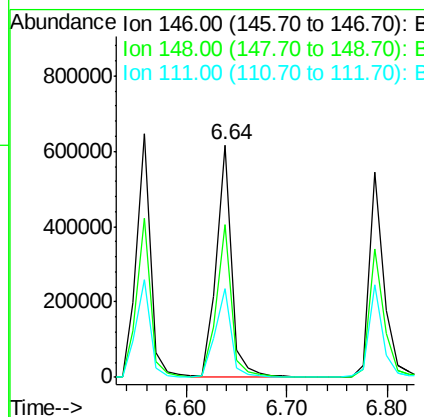
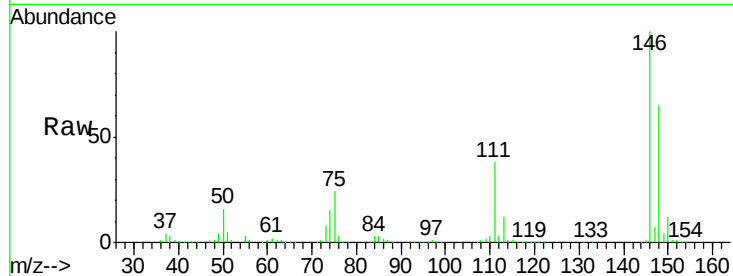
#13  
1,4-Dichlorobenzene  
Concen: 40.81 ng  
RT: 6.64 min Scan# 442  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 50.1  | 75.1  |
| 111     | 38.1  | 35.8  | 53.6  |

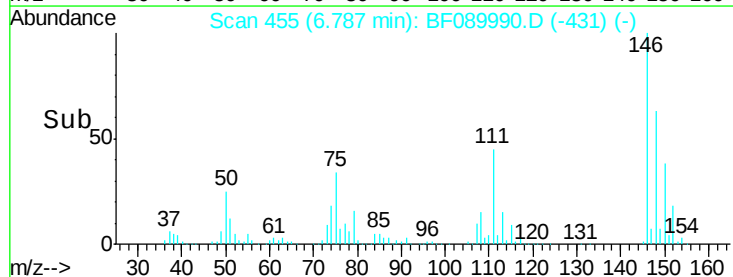
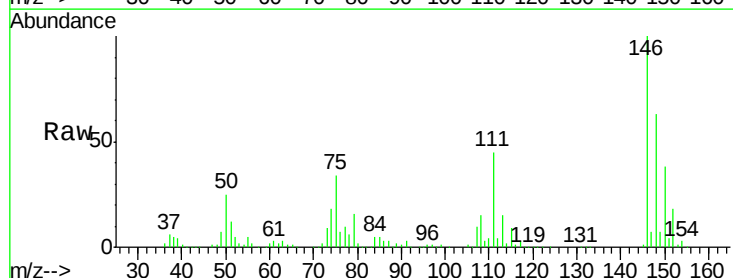
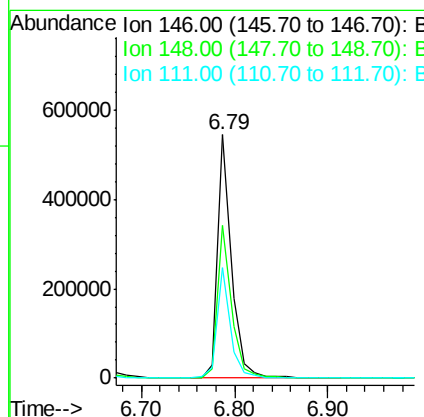
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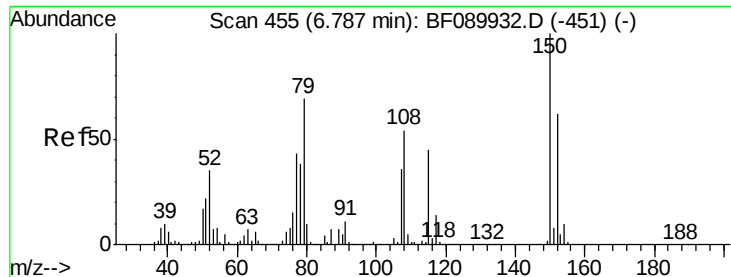
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9/7/2016 8:50:24 AM



#14  
1,2-Dichlorobenzene  
Concen: 38.67 ng  
RT: 6.79 min Scan# 455  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 51.4  | 77.2  |
| 111     | 45.3  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 41.37 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

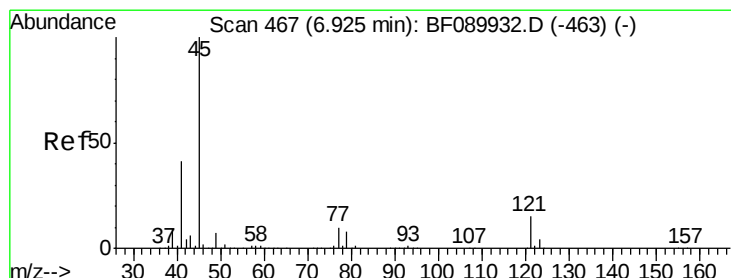
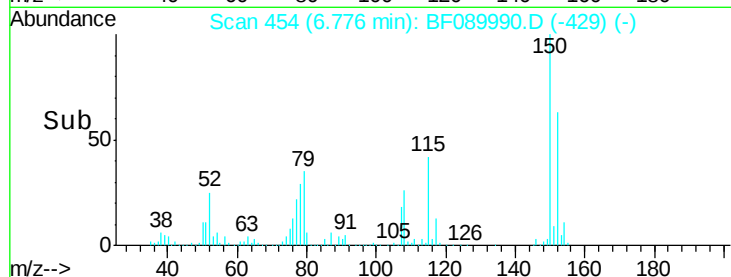
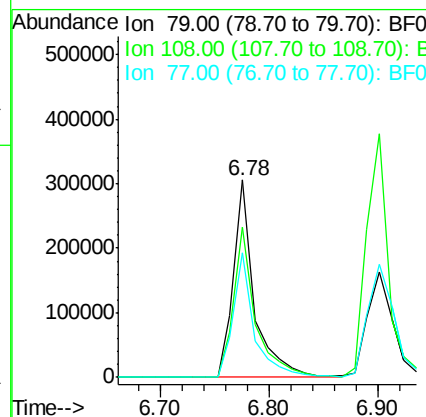
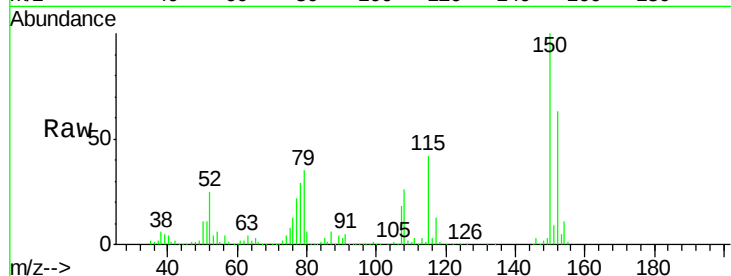
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 408527 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 76.0  | 62.1  | 93.1   |
| 77        | 62.9  | 50.1  | 75.1   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.14 ng

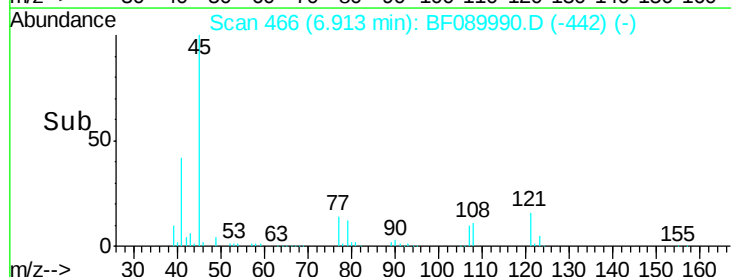
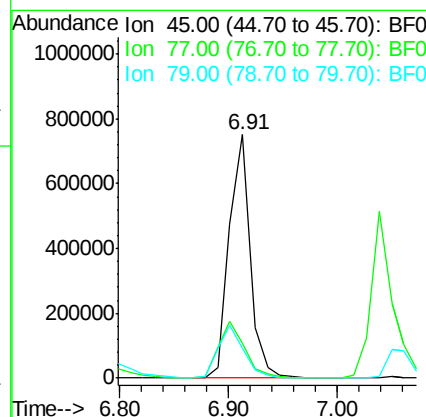
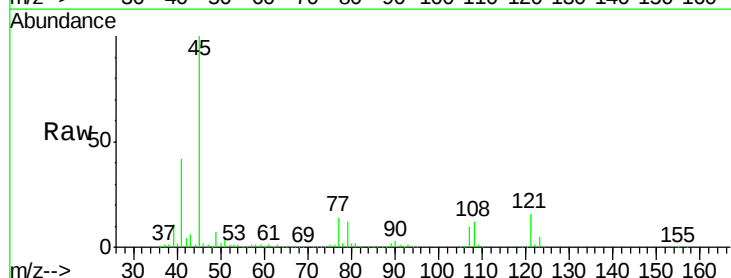
RT: 6.91 min Scan# 466

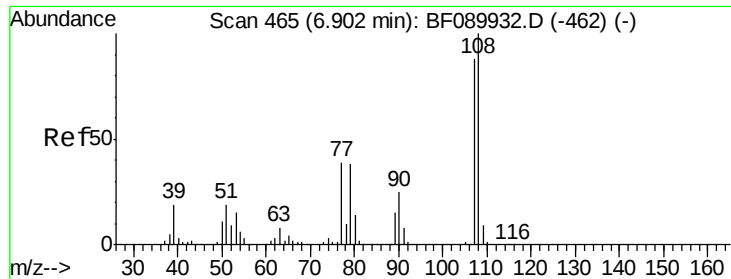
Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1008841 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 14.5  | 0.0   | 30.3    |
| 79        | 12.0  | 0.0   | 27.5    |





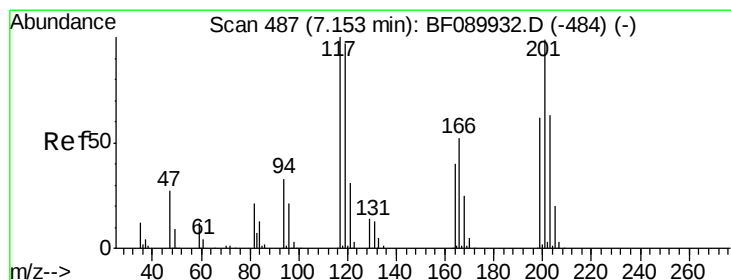
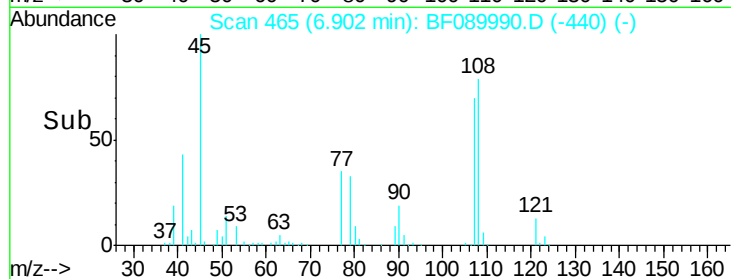
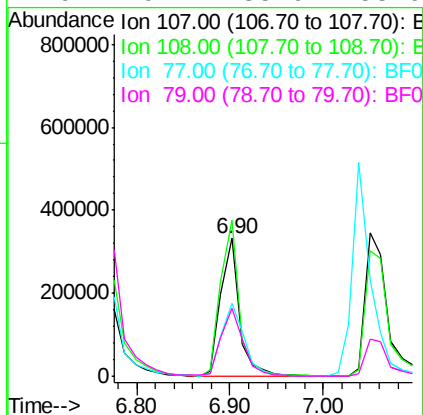
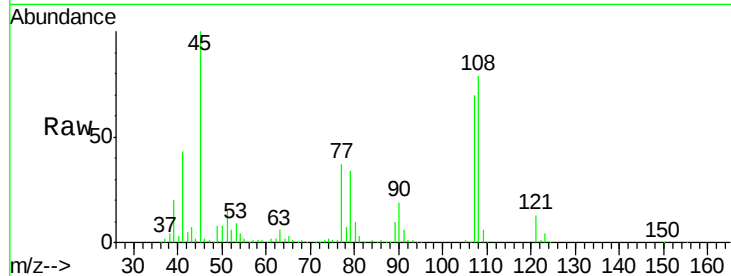
#17  
2-Methylphenol  
Concen: 40.84 ng  
RT: 6.90 min Scan# 465  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 459102 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.2 | 91.8  | 137.6  |
| 77        | 52.4  | 36.0  | 54.0   |
| 79        | 49.1  | 35.9  | 53.9   |

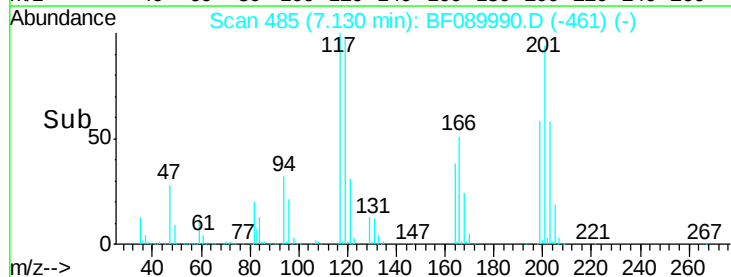
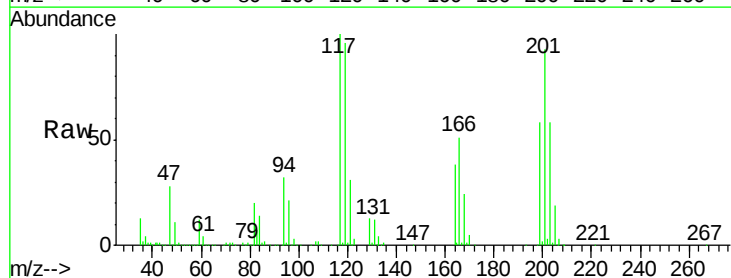
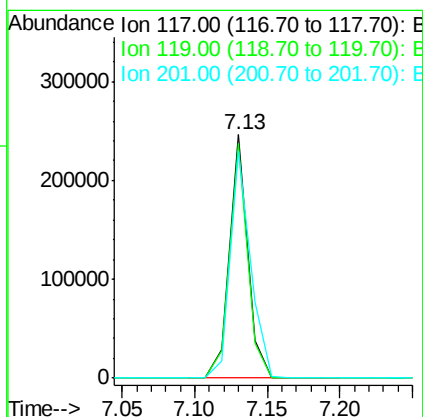
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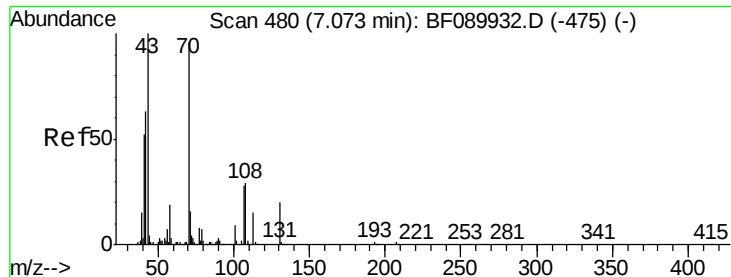
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#18  
Hexachloroethane  
Concen: 39.23 ng  
RT: 7.13 min Scan# 485  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 216121 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.4  | 76.2  | 114.2  |
| 201       | 93.4  | 80.2  | 120.2  |





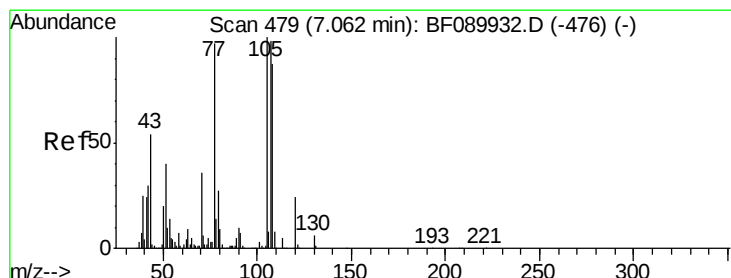
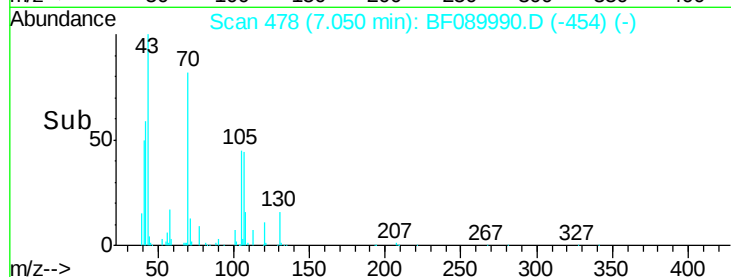
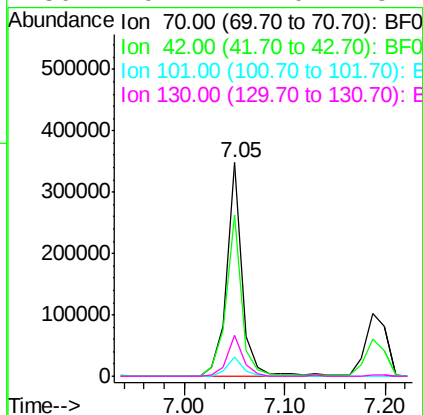
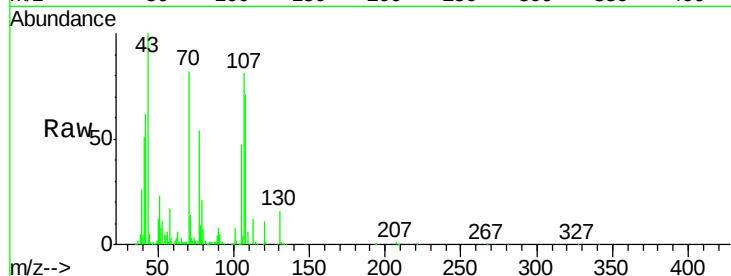
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.44 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 75.5  | 52.1  | 78.1  |
| 101     | 9.2   | 7.4   | 11.2  |
| 130     | 19.1  | 17.0  | 25.4  |

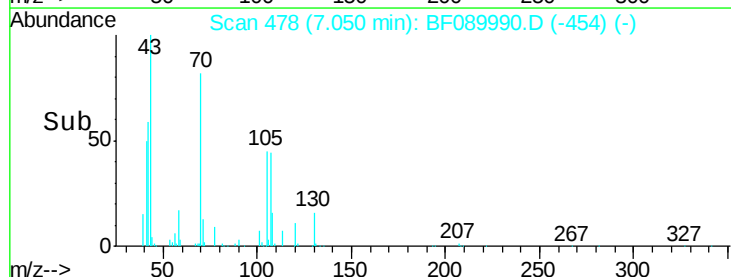
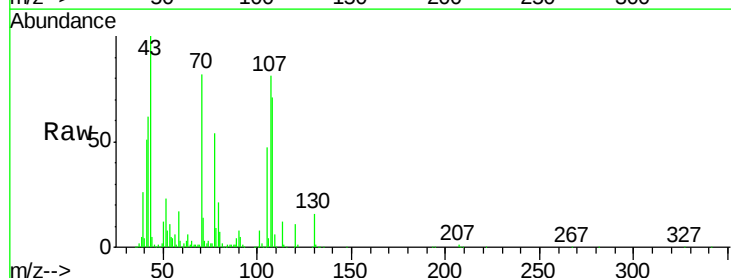
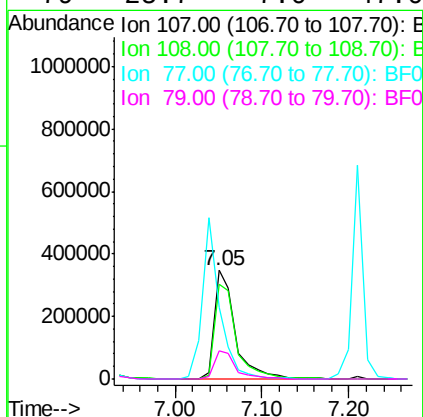
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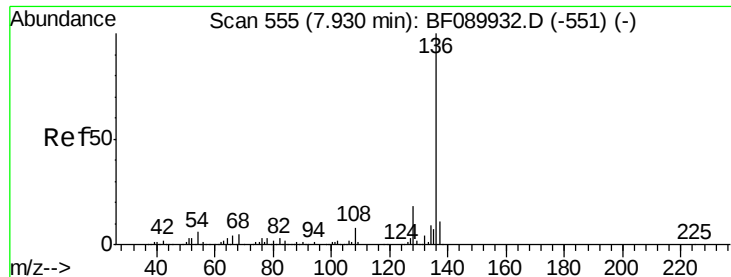
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#20  
3+4-Methylphenols  
Concen: 42.63 ng  
RT: 7.05 min Scan# 478  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 86.9  | 70.2  | 110.2  |
| 77      | 66.7  | 75.7  | 115.7# |
| 79      | 25.7  | 7.0   | 47.0   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

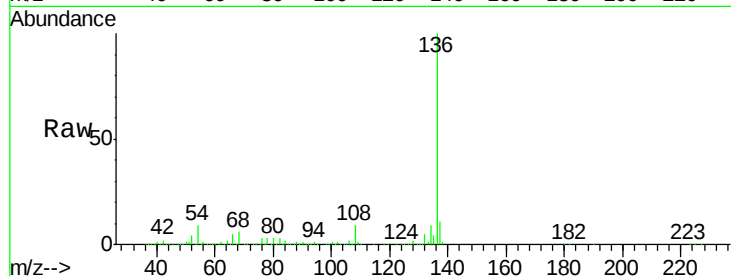
ClientSampleId :

SSTDCCC040

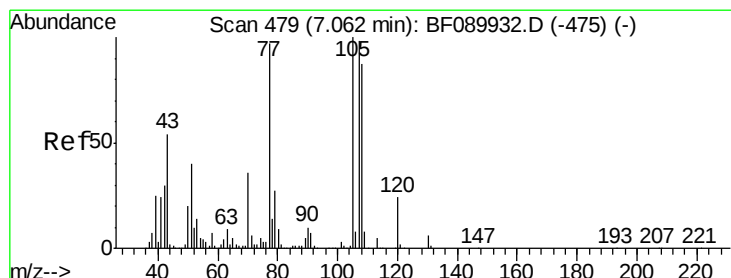
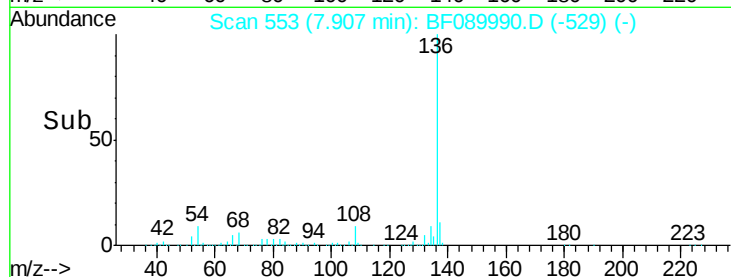
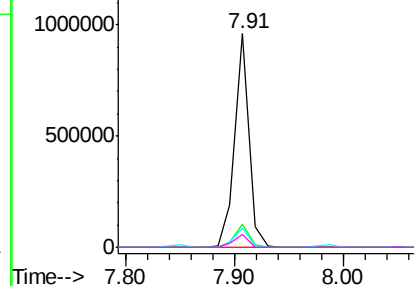
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 863227 |       |       |
| 137     | 11.0  | 8.3    | 12.5  |       |
| 54      | 8.9   | 4.8    | 7.2#  |       |
| 68      | 6.0   | 3.7    | 5.5#  |       |

Manual Integrations  
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Abundance Ion 136.00 (135.70 to 136.70): E  
1500000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.72 ng

RT: 7.04 min Scan# 477

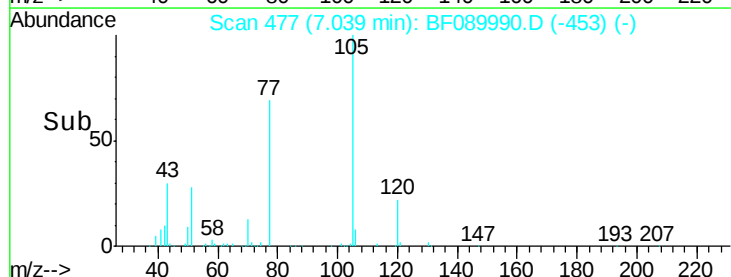
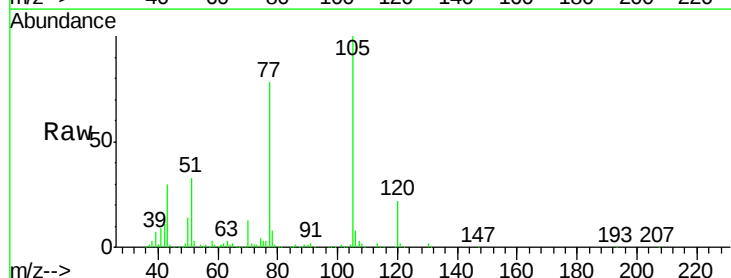
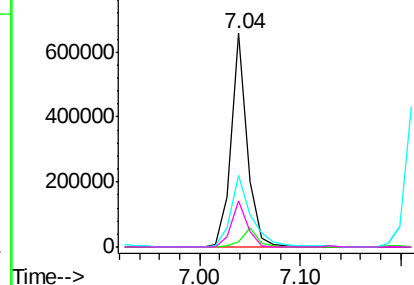
Delta R.T. -0.02 min

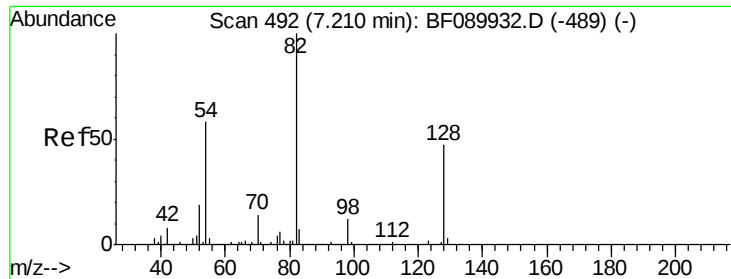
Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 730429 |       |       |
| 71      | 2.1   | 5.3    | 7.9#  |       |
| 51      | 33.5  | 32.6   | 48.8  |       |
| 120     | 21.9  | 18.6   | 28.0  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
1000000  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





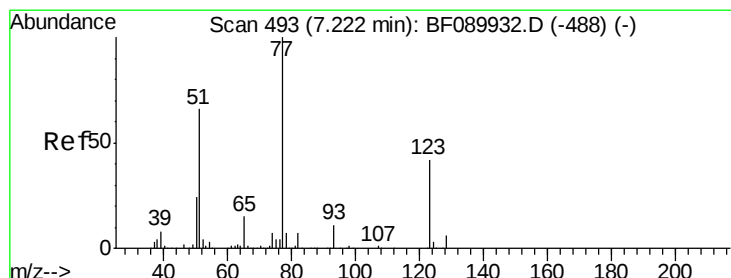
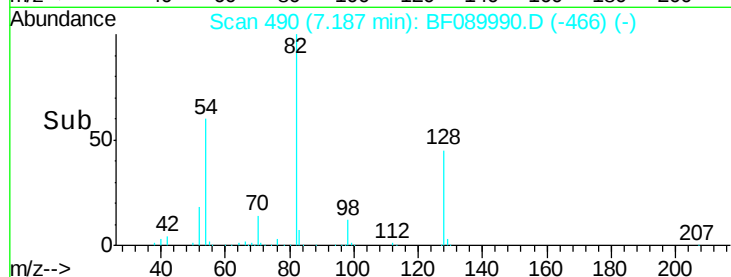
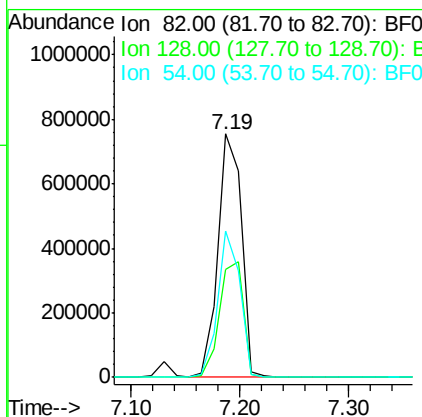
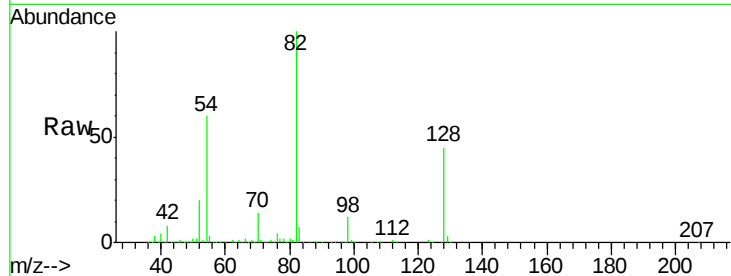
#23  
 Nitrobenzene-d5  
 Concen: 76.21 ng  
 RT: 7.19 min Scan# 490  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.5  | 37.8  | 56.8  |
| 54      | 60.2  | 46.9  | 70.3  |

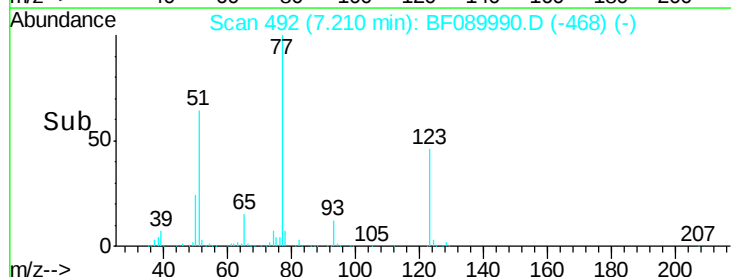
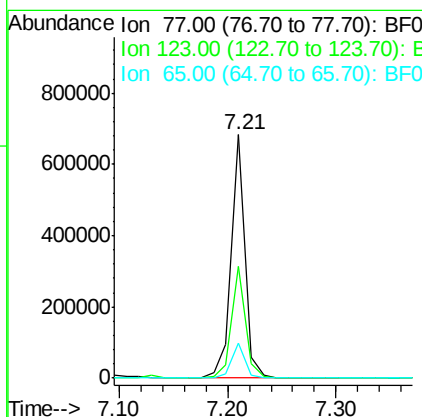
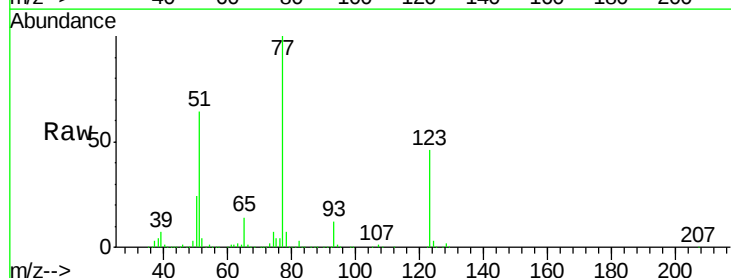
Manual Integrations  
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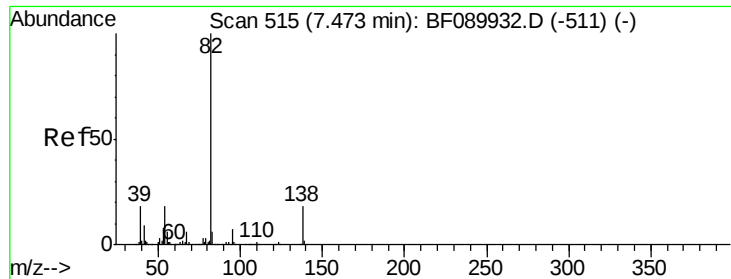
sohil  
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#24  
 Nitrobenzene  
 Concen: 37.39 ng  
 RT: 7.21 min Scan# 492  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.9  | 32.0  | 48.0  |
| 65      | 14.4  | 11.2  | 16.8  |





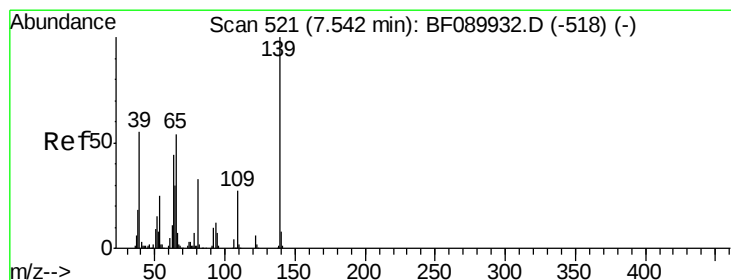
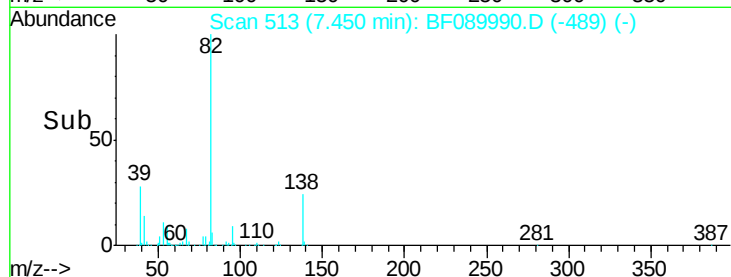
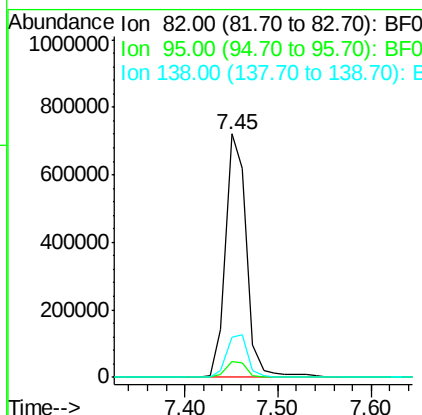
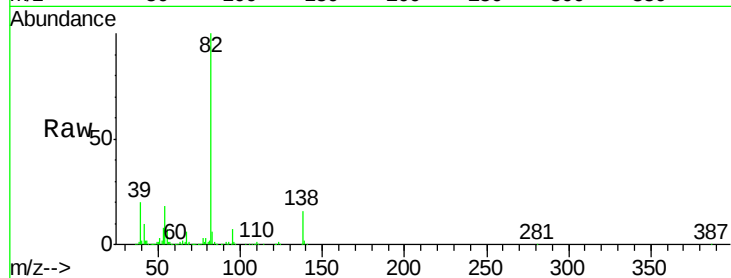
#25  
Isophorone  
Concen: 37.30 ng  
RT: 7.45 min Scan# 513  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 1129009  
Ion Ratio Lower Upper  
82 100  
95 6.5 5.5 8.3  
138 16.4 14.4 21.6

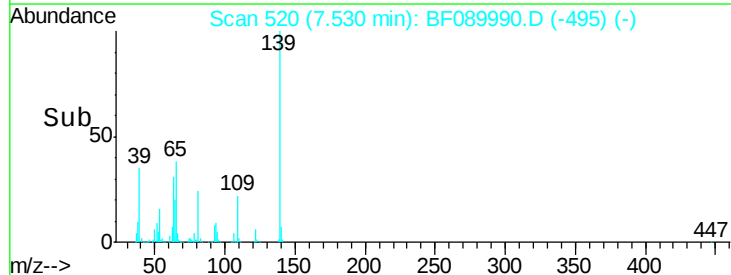
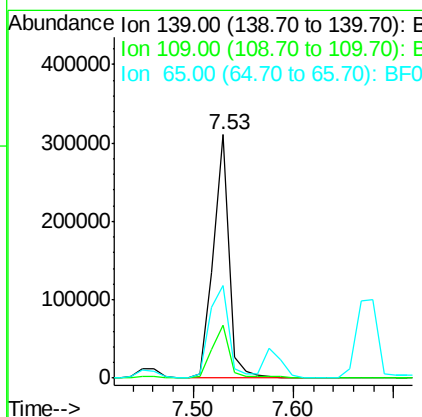
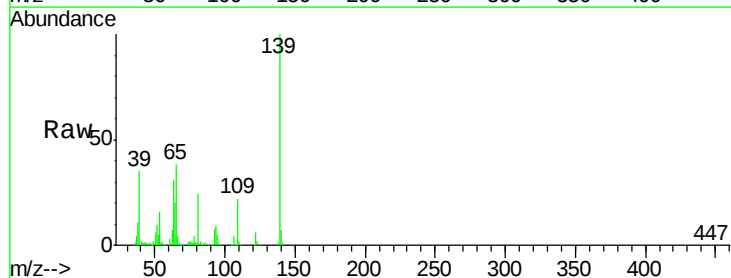
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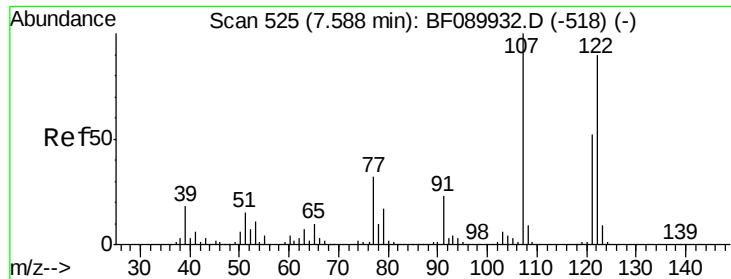
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#26  
2-Nitrophenol  
Concen: 44.86 ng  
RT: 7.53 min Scan# 520  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Tgt Ion: 139 Resp: 339300  
Ion Ratio Lower Upper  
139 100  
109 21.8 21.0 31.4  
65 38.3 43.4 65.0#





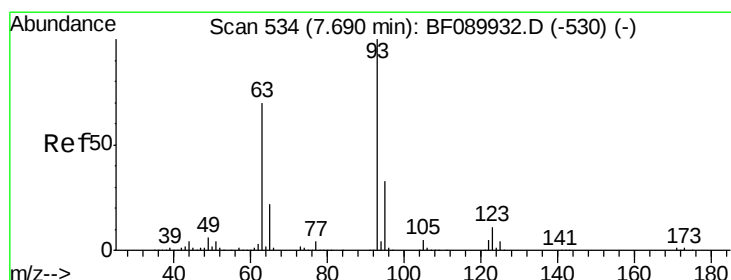
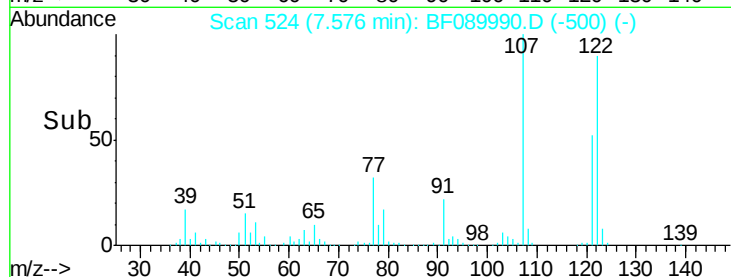
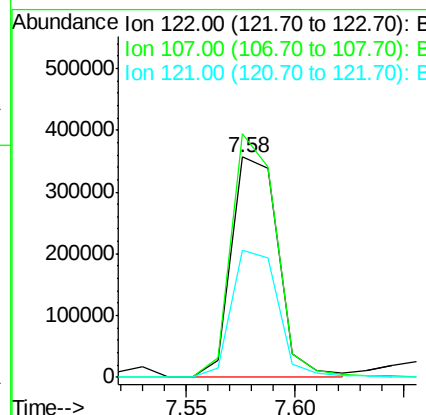
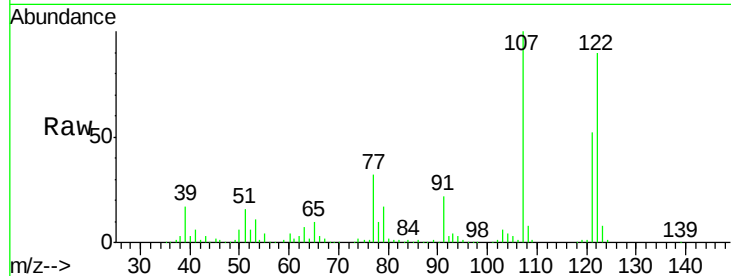
#27  
2,4-Dimethylphenol  
Concen: 37.95 ng  
RT: 7.58 min Scan# 524  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 530993 |       |       |
| 107     | 110.6 | 88.5   | 132.7 |       |
| 121     | 57.5  | 46.0   | 69.0  |       |

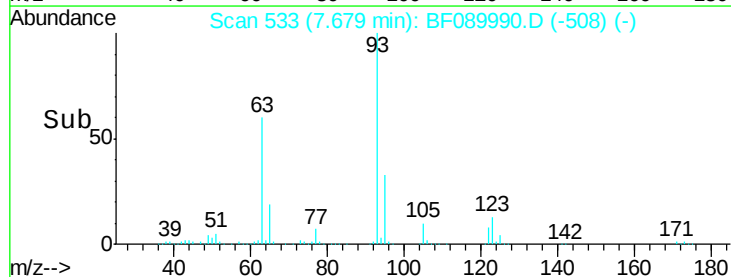
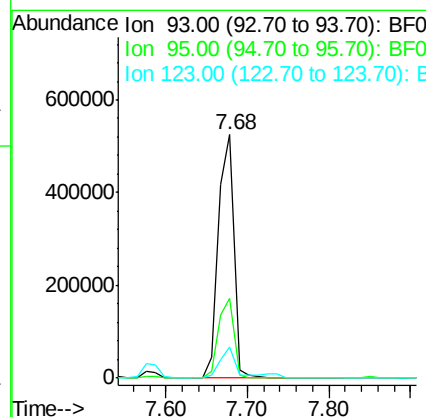
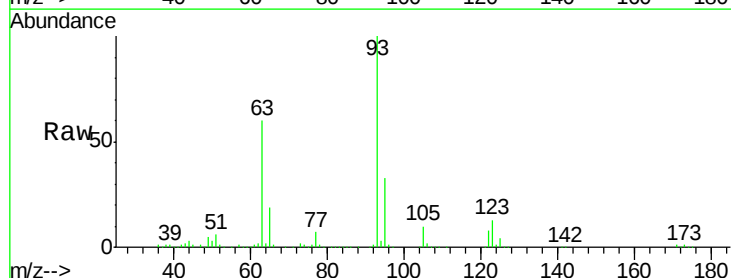
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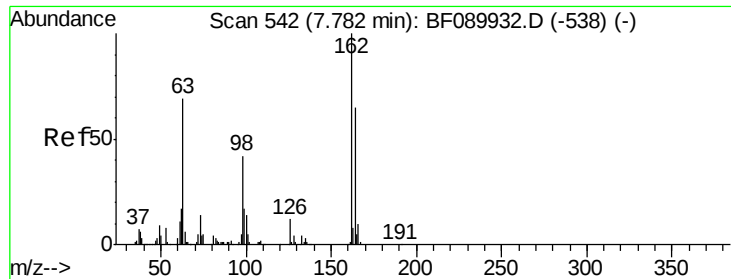
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#28  
bis(2-Chloroethoxy)methane  
Concen: 38.35 ng  
RT: 7.68 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 700050 |       |       |
| 95      | 33.0  | 26.6   | 40.0  |       |
| 123     | 12.9  | 9.1    | 13.7  |       |





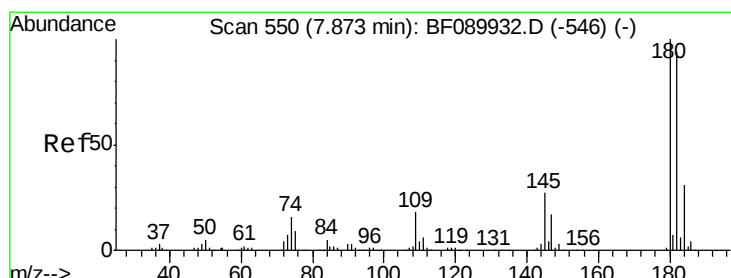
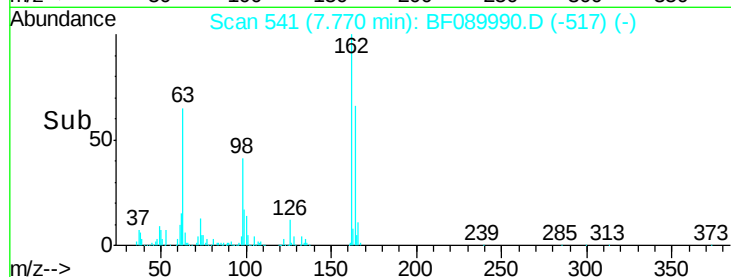
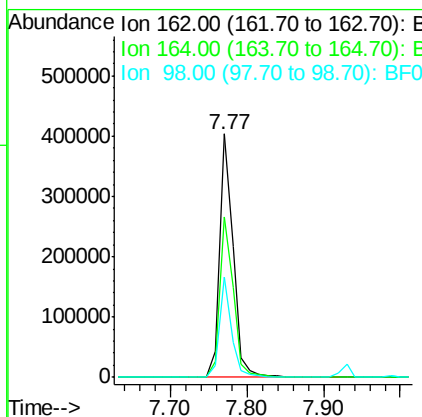
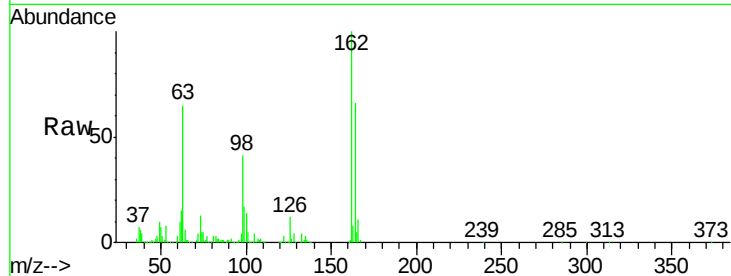
#29  
 2,4-Dichlorophenol  
 Concen: 39.47 ng  
 RT: 7.77 min Scan# 541  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 495121 |       |       |
| 164     | 65.7  | 46.6   | 86.6  |       |
| 98      | 41.0  | 22.0   | 62.0  |       |

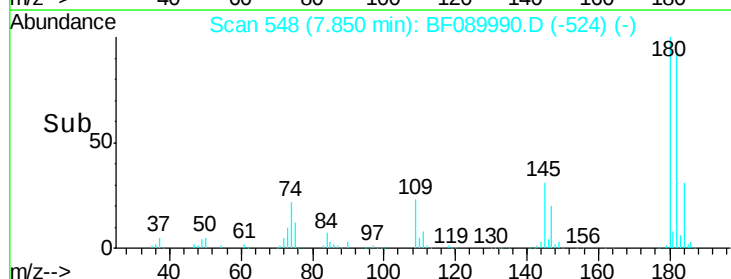
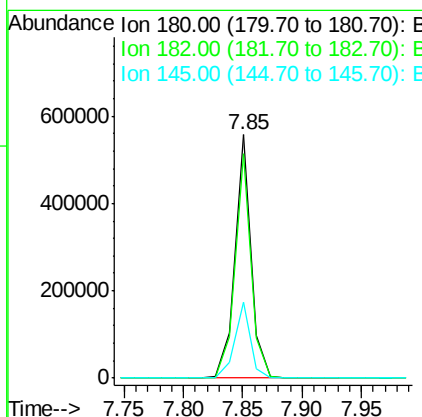
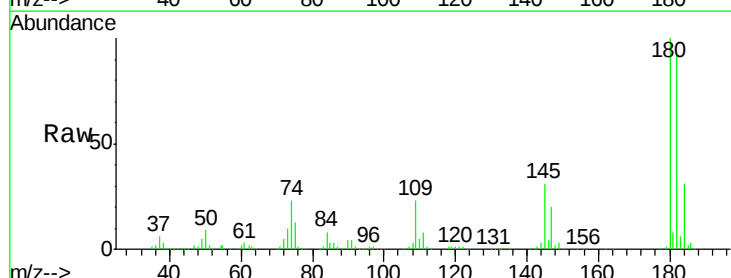
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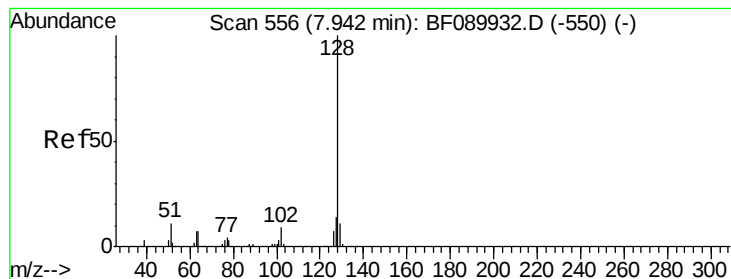
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.31 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 525437 |       |       |
| 182     | 92.4  | 76.2   | 114.2 |       |
| 145     | 31.4  | 22.2   | 33.4  |       |





#31

Naphthalene

Concen: 38.08 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1637805

Ion Ratio Lower Upper

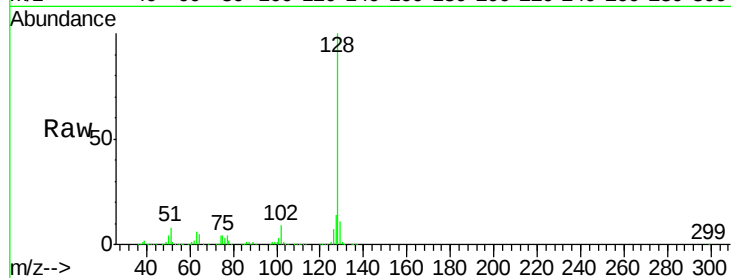
128 100

129 11.2 9.4 14.0

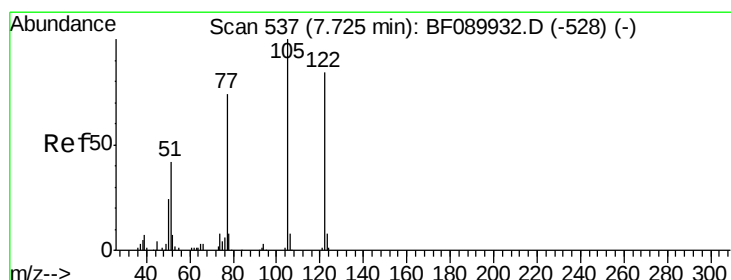
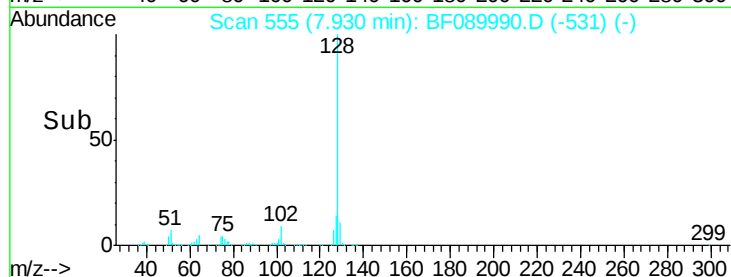
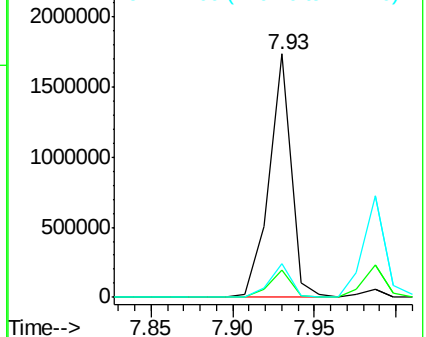
127 13.7 10.7 16.1

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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: 47.13 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

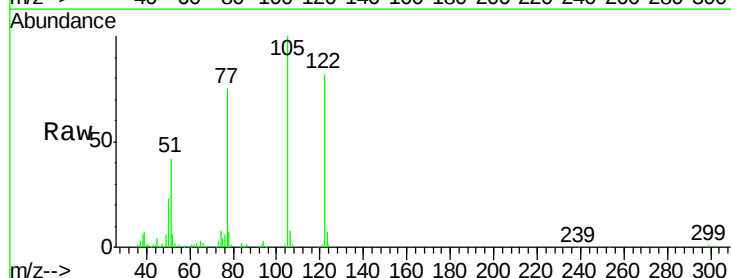
Tgt Ion:122 Resp: 444244

Ion Ratio Lower Upper

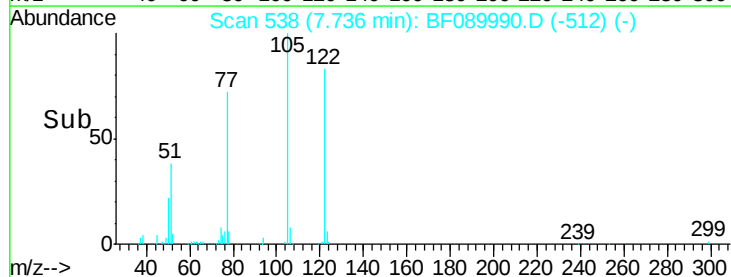
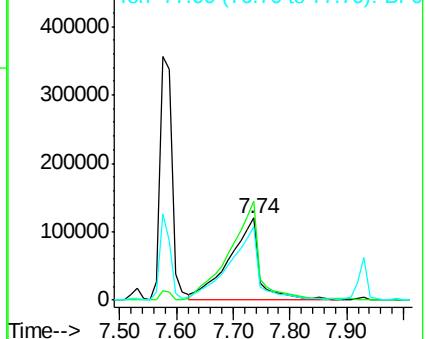
122 100

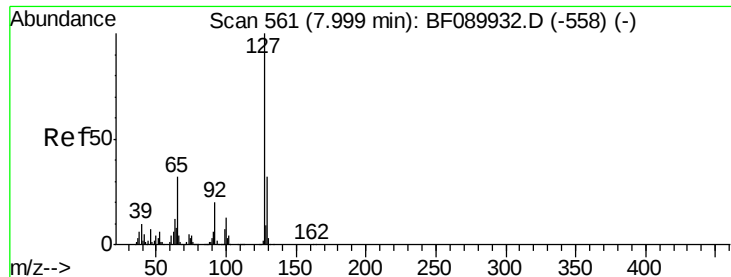
105 121.3 102.2 142.2

77 90.6 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





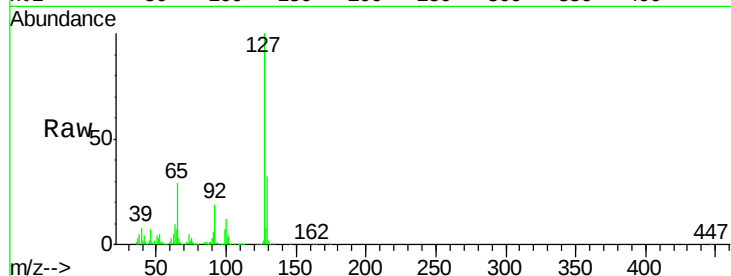
#33  
4-Chloroaniline  
Concen: 41.18 ng  
RT: 7.99 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

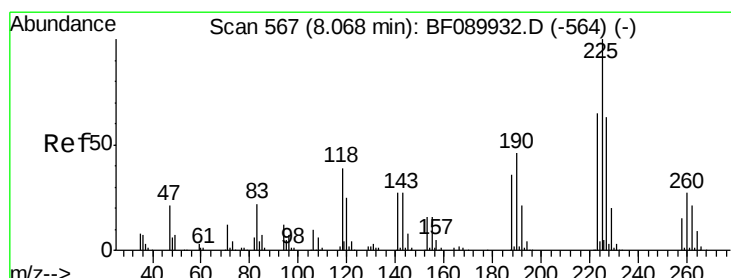
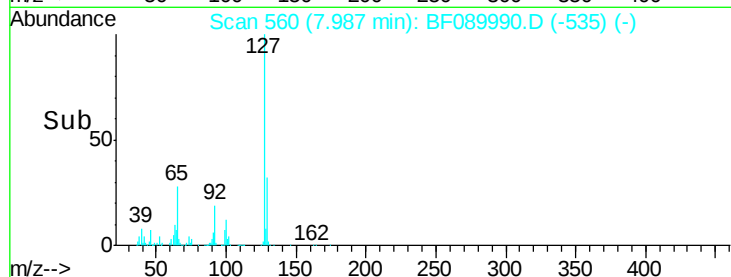
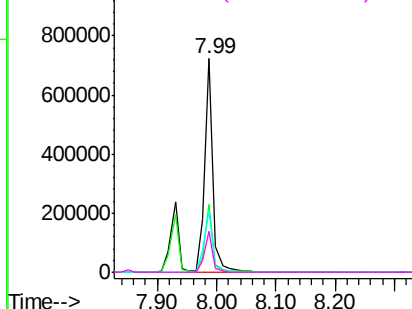
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 714472 |       |       |
| 129     | 31.9  | 25.9   | 38.9  |       |
| 65      | 28.6  | 26.0   | 39.0  |       |
| 92      | 19.1  | 15.9   | 23.9  |       |

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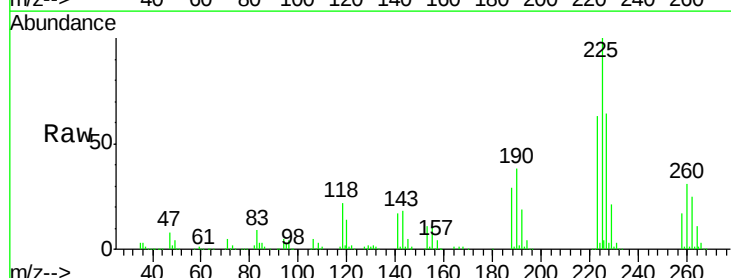


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

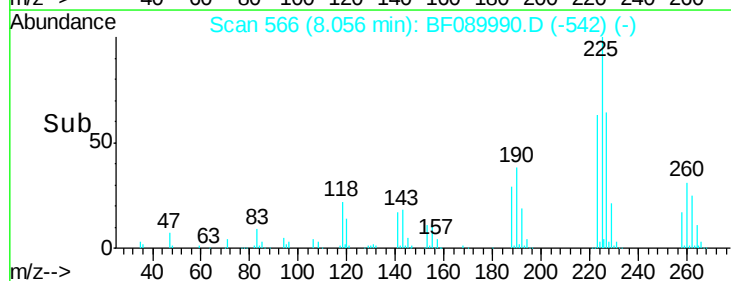
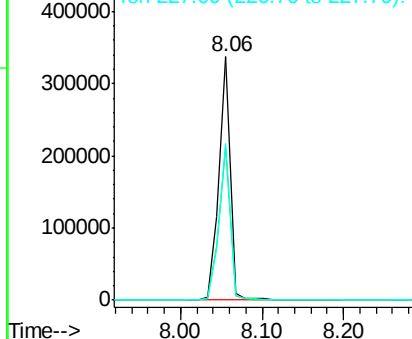


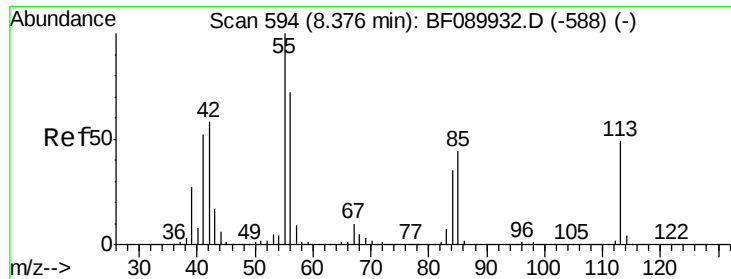
#34  
Hexachlorobutadiene  
Concen: 40.75 ng  
RT: 8.06 min Scan# 566  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 327527 |       |       |
| 223     | 62.6  | 52.6   | 78.8  |       |
| 227     | 64.2  | 50.8   | 76.2  |       |



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





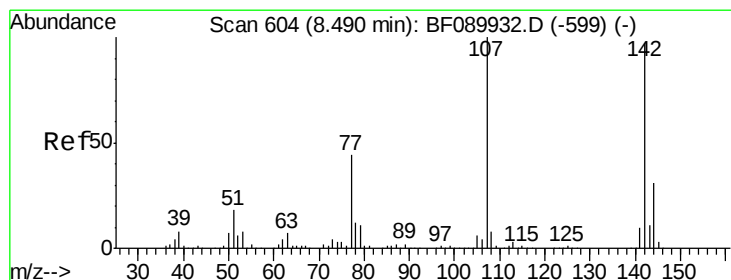
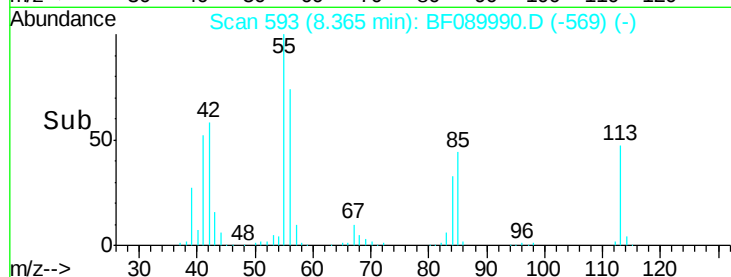
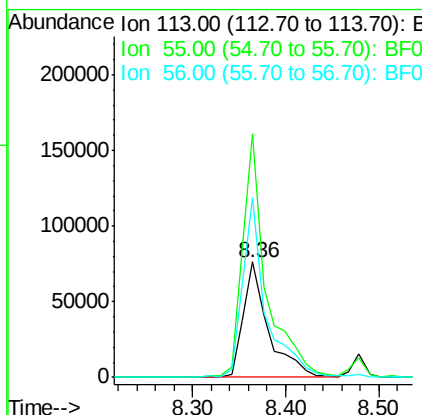
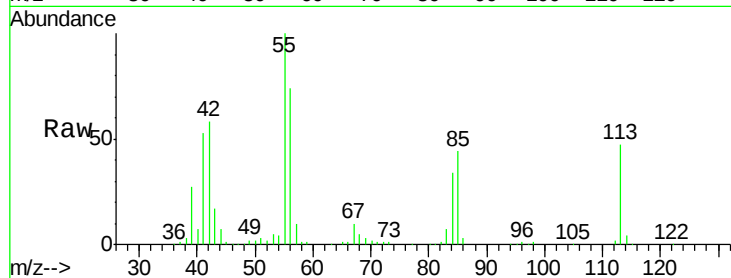
#35  
 Caprolactam  
 Concen: 36.15 ng  
 RT: 8.36 min Scan# 593  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 211.1 | 178.5 | 218.5 |
| 56      | 155.8 | 122.7 | 162.7 |

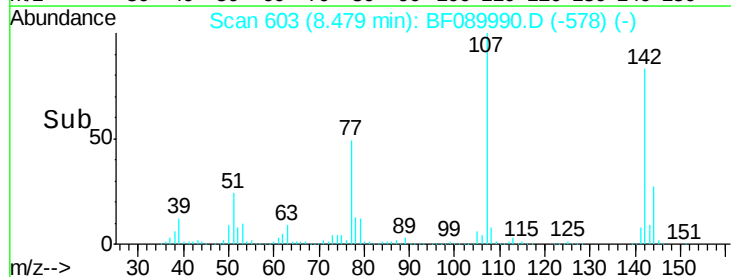
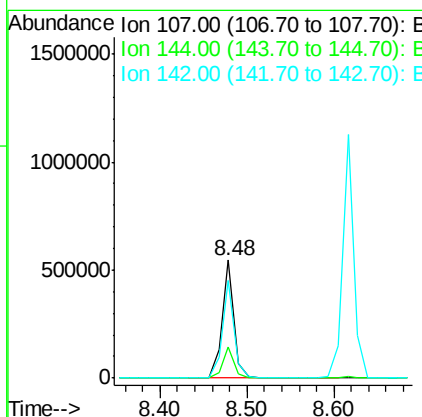
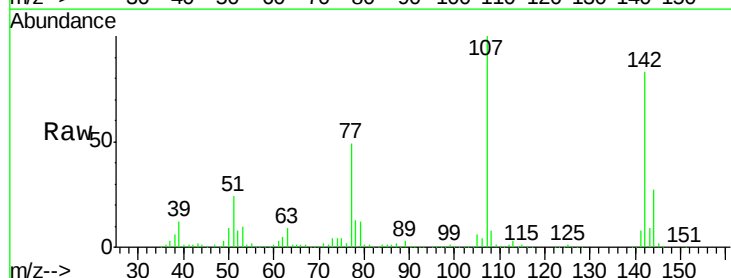
Manual Integrations  
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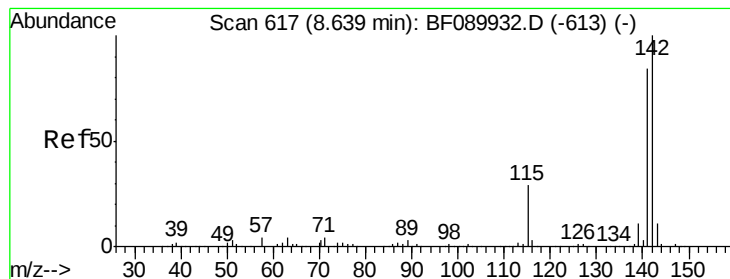
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#36  
 4-Chloro-3-methylphenol  
 Concen: 39.49 ng  
 RT: 8.48 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.8  | 25.8  | 38.8  |
| 142     | 83.0  | 79.2  | 118.8 |





#37

2-Methylnaphthalene

Concen: 35.85 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 1018827

Ion Ratio Lower Upper

142 100

141 83.7 68.3 102.5

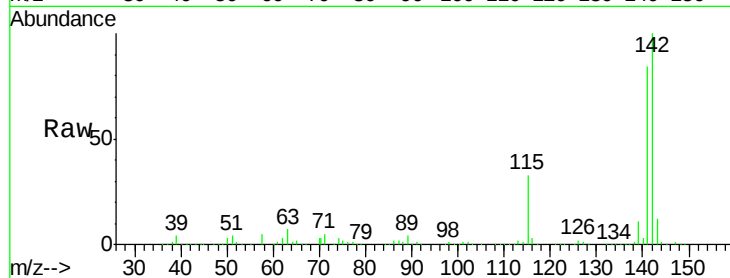
115 33.2 23.8 35.8

Manual Integrations

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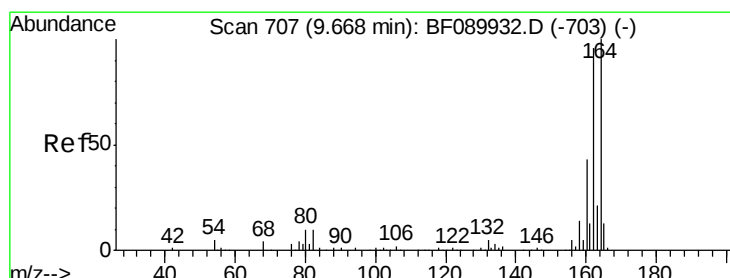
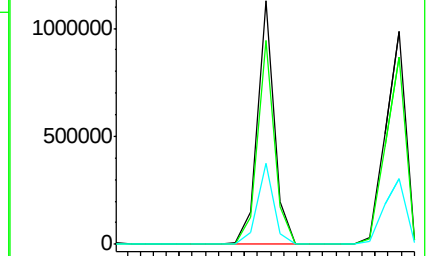
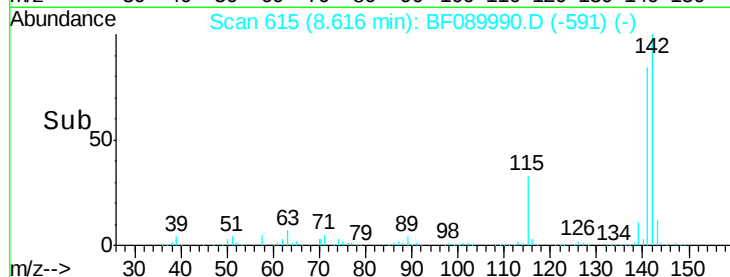
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

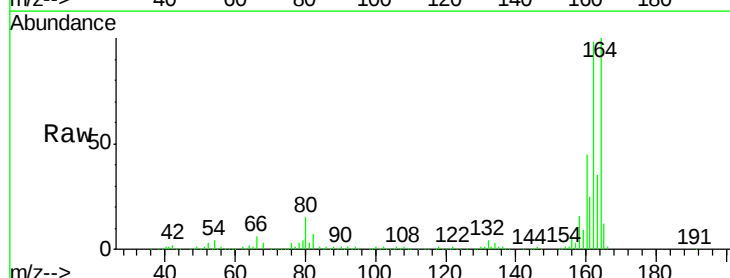
Tgt Ion:164 Resp: 432111

Ion Ratio Lower Upper

164 100

162 98.4 77.1 115.7

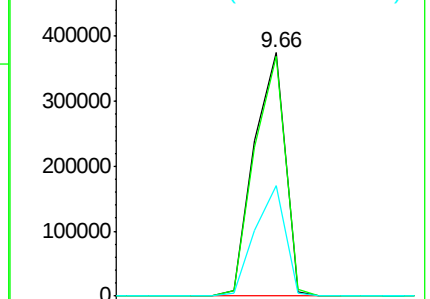
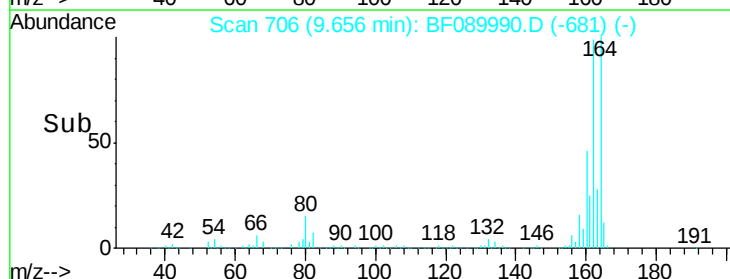
160 45.1 35.3 52.9

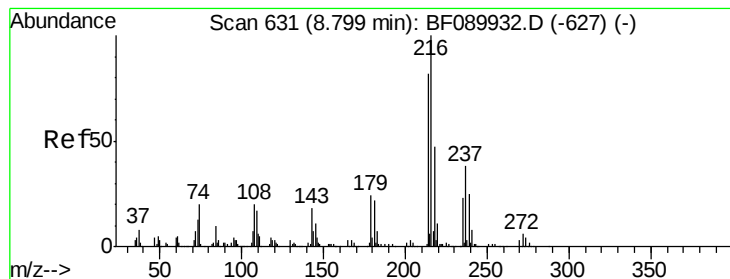


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.04 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

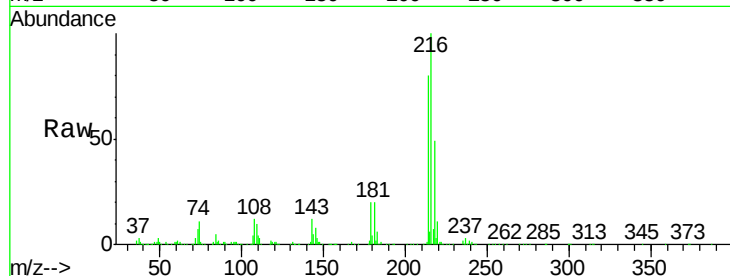
ClientSampleId :

SSTDCCC040

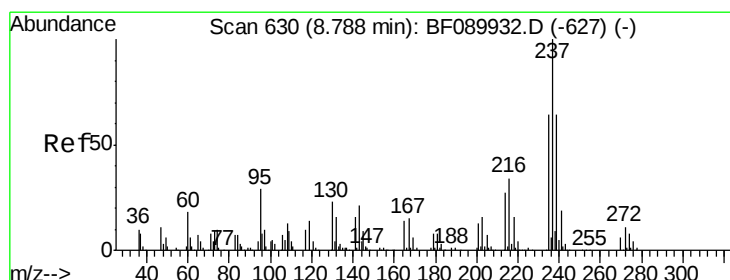
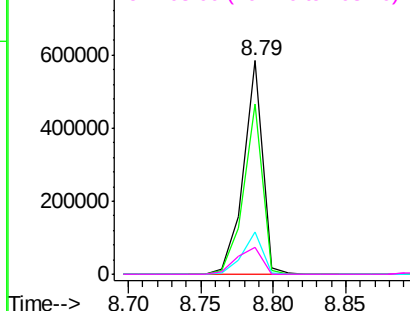
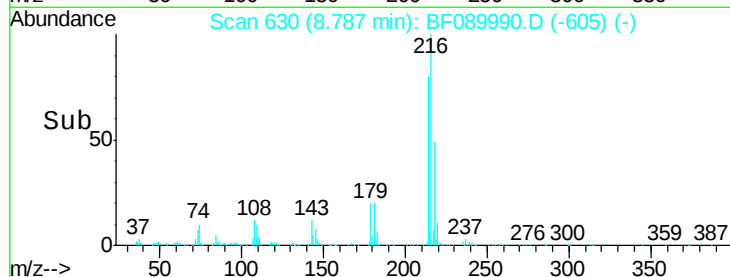
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 532194 |       |       |
| 214     | 79.5  | 63.4   | 95.2  |       |
| 179     | 21.1  | 17.3   | 25.9  |       |
| 108     | 16.8  | 15.5   | 23.3  |       |

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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: 47.90 ng

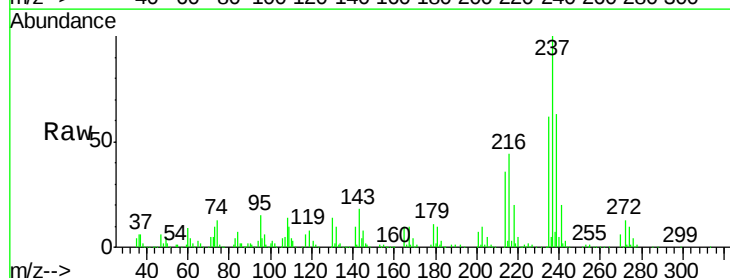
RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

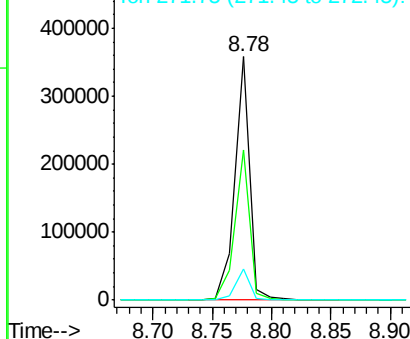
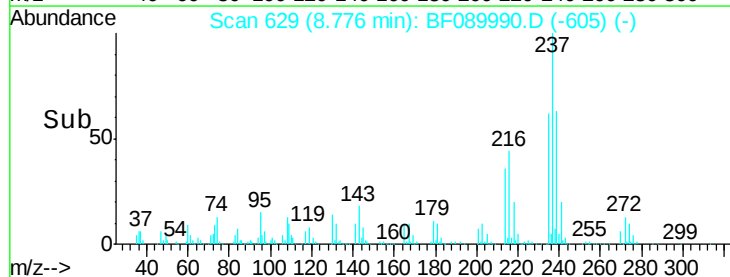
Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 310890 |       |       |
| 235     | 61.8  | 39.6   | 79.6  |       |
| 272     | 12.9  | 0.0    | 34.6  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E





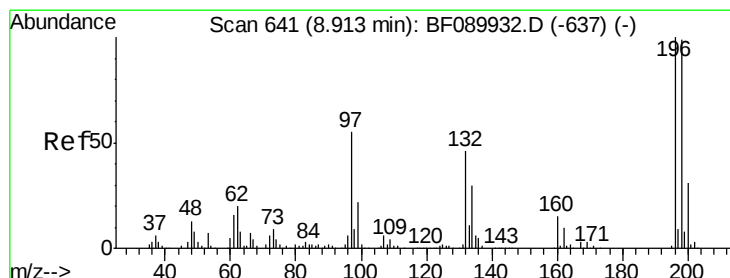
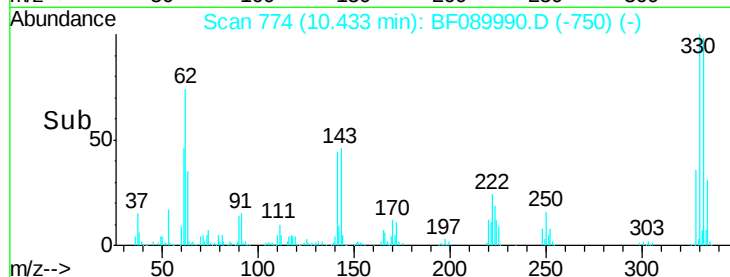
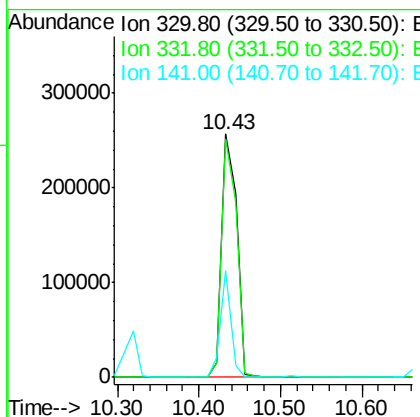
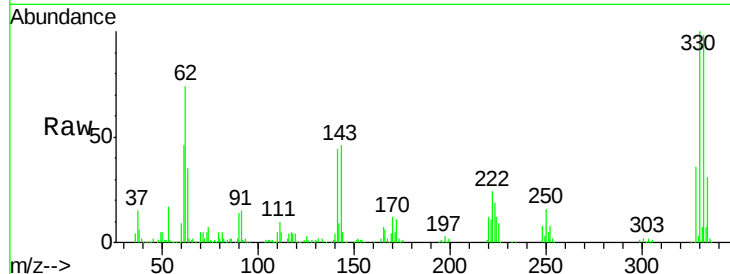
#41  
 2,4,6-Tribromophenol  
 Concen: 76.54 ng  
 RT: 10.43 min Scan# 774  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 326308 |       |       |
| 332     | 96.9  | 78.6   | 117.8 |       |
| 141     | 31.2  | 23.3   | 34.9  |       |

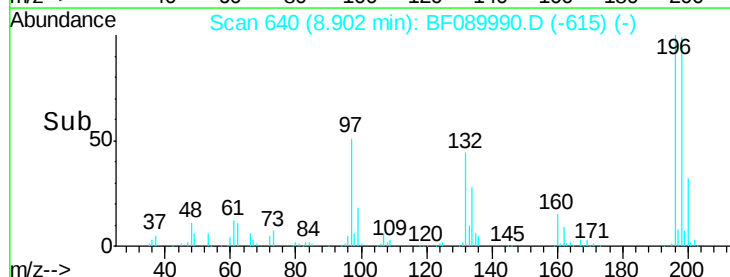
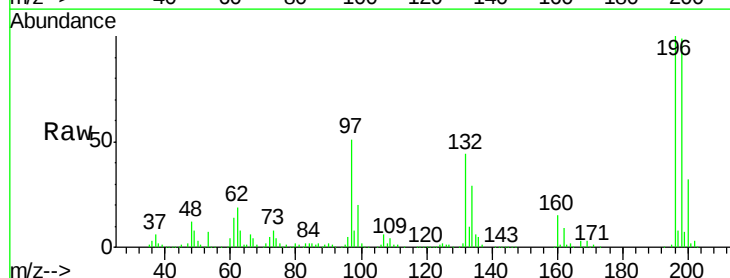
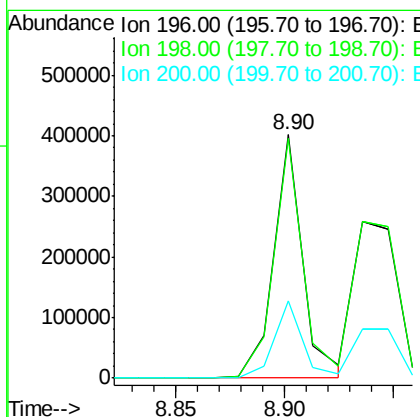
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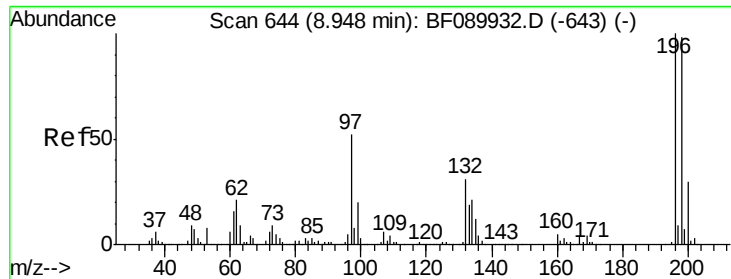
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#42  
 2,4,6-Trichlorophenol  
 Concen: 42.91 ng  
 RT: 8.90 min Scan# 640  
 Delta R.T. -0.01 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 376446 |       |       |
| 198     | 98.6  | 78.3   | 117.5 |       |
| 200     | 31.7  | 24.8   | 37.2  |       |





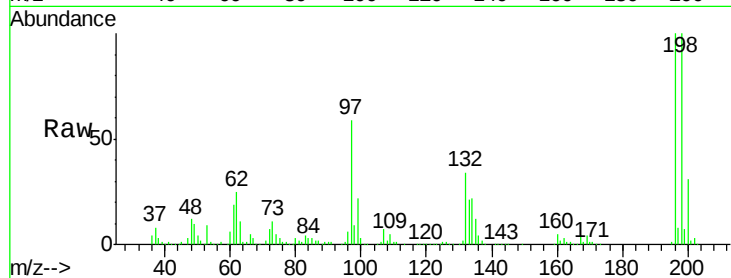
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.99 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 362670 |       |       |
| 198     | 99.6  | 80.8   | 121.2 |       |
| 97      | 59.0  | 44.2   | 66.4  |       |
| 132     | 33.7  | 25.8   | 38.6  |       |

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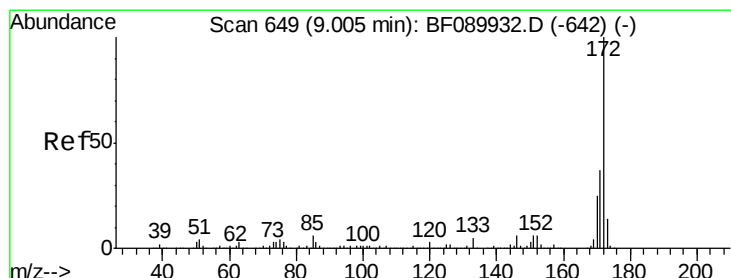
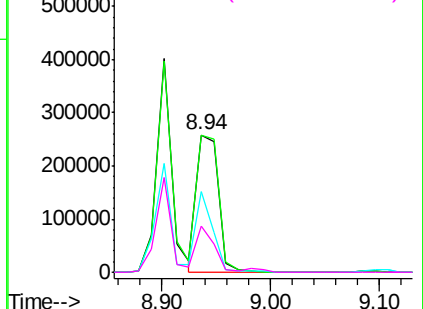
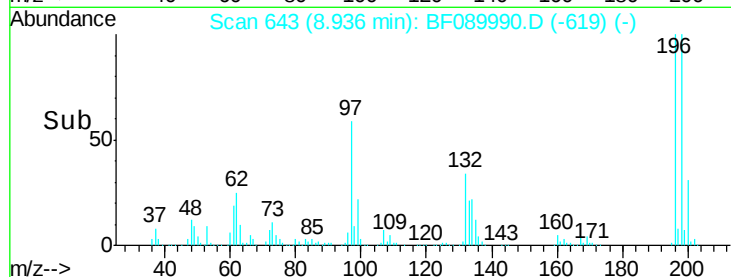
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

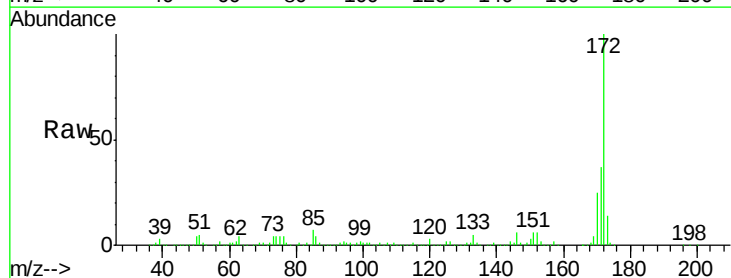
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 77.62 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2043238 |       |       |
| 171     | 36.5  | 29.4    | 44.2  |       |
| 170     | 24.9  | 20.1    | 30.1  |       |

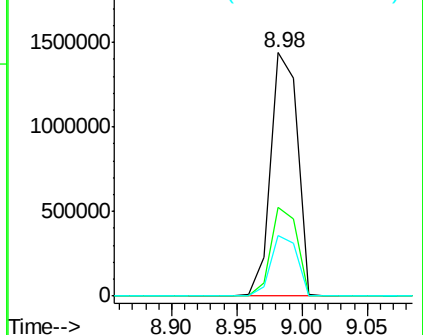
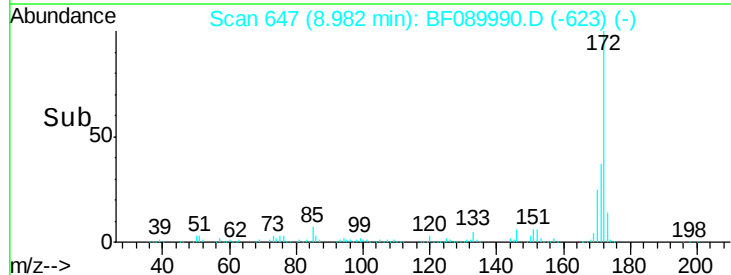


Abundance

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: 38.66 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1345145

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

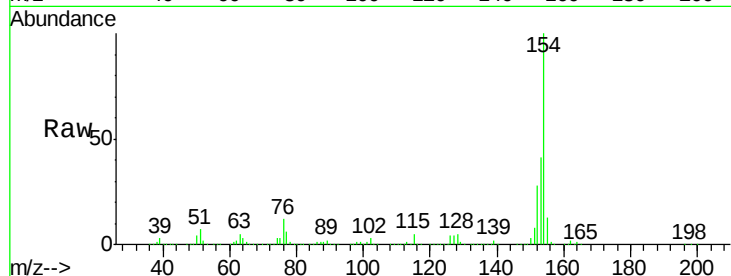
76 11.8 0.0 34.9

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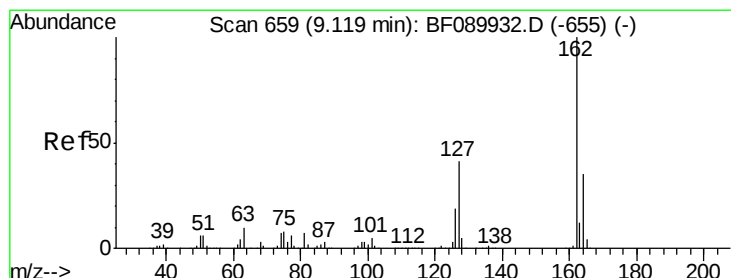
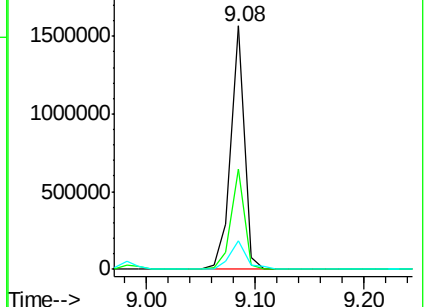
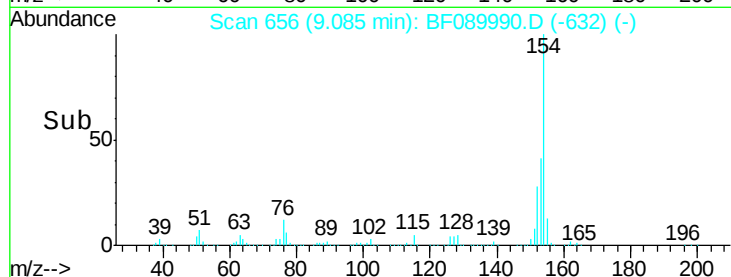
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.23 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

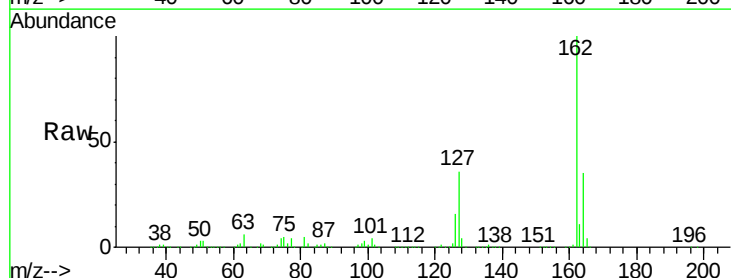
Tgt Ion:162 Resp: 1039271

Ion Ratio Lower Upper

162 100

127 35.9 33.5 50.3

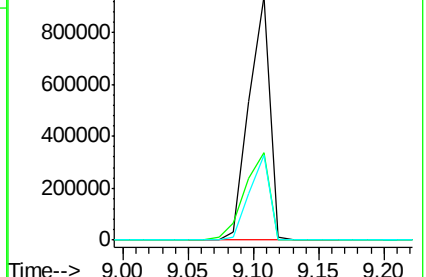
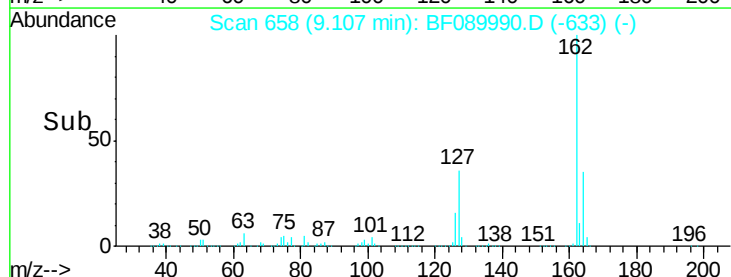
164 34.6 28.2 42.4

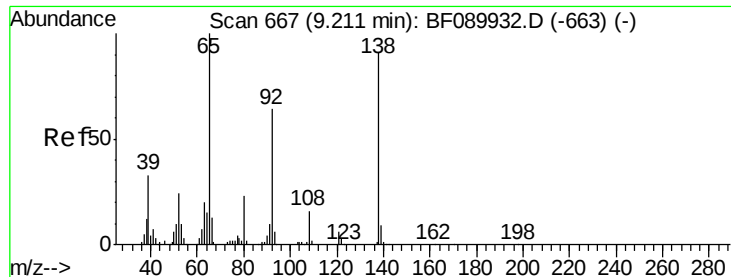


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





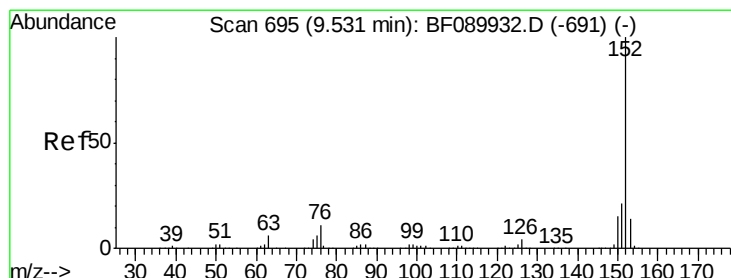
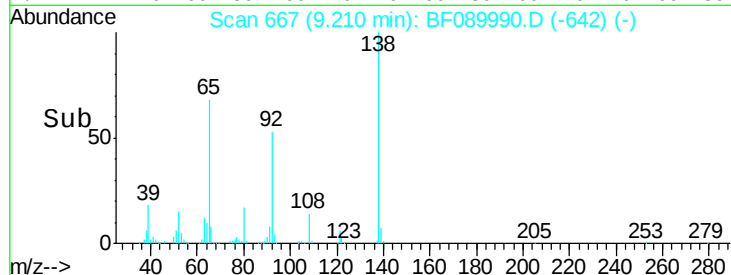
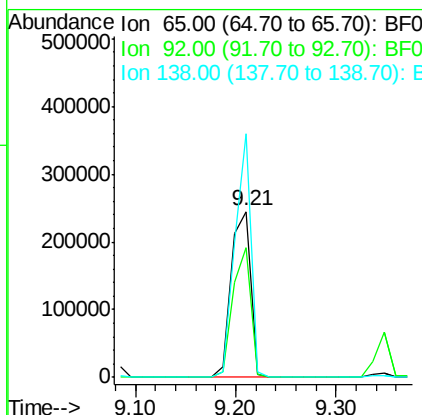
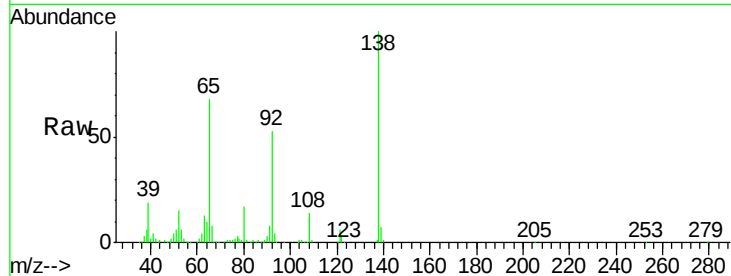
#47  
2-Nitroaniline  
Concen: 40.96 ng  
RT: 9.21 min Scan# 667  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 77.9  | 52.0  | 78.0   |
| 138     | 146.9 | 72.1  | 108.1# |

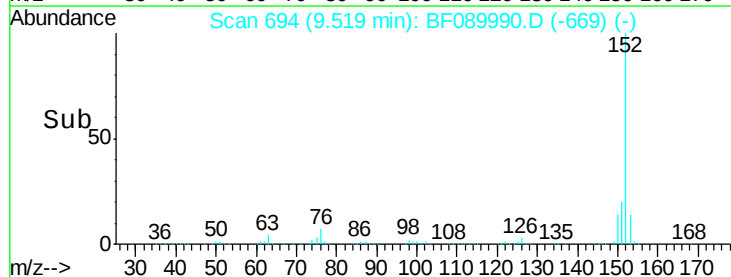
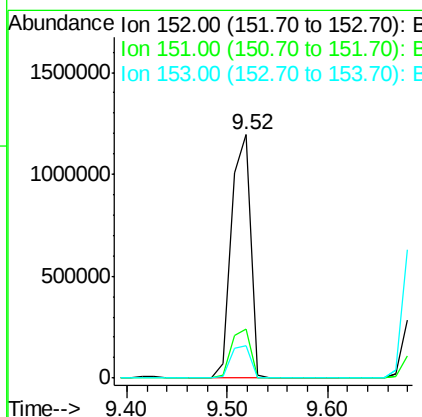
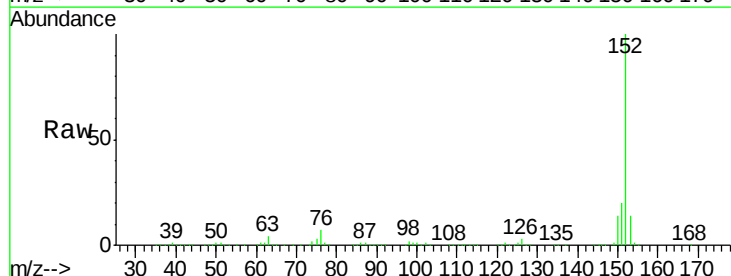
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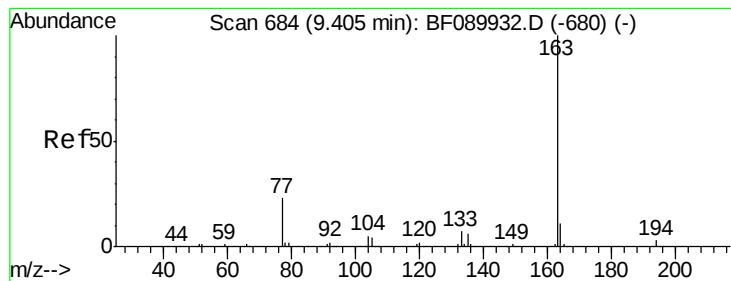
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#48  
Acenaphthylene  
Concen: 38.58 ng  
RT: 9.52 min Scan# 694  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.7  | 25.1  |
| 153     | 13.5  | 11.6  | 17.4  |





#49

Dimethylphthalate

Concen: 35.82 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:163 Resp: 1118714

Ion Ratio Lower Upper

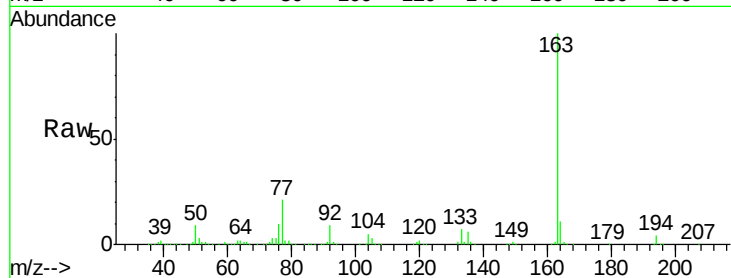
163 100

194 3.5 2.7 4.1

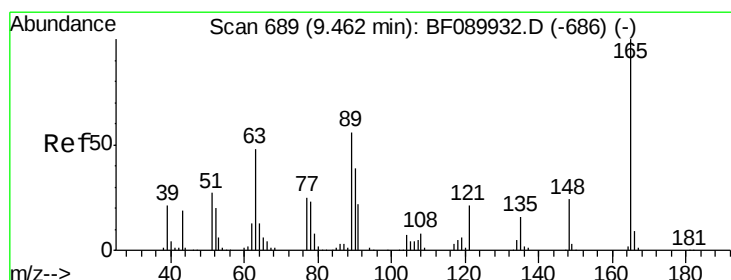
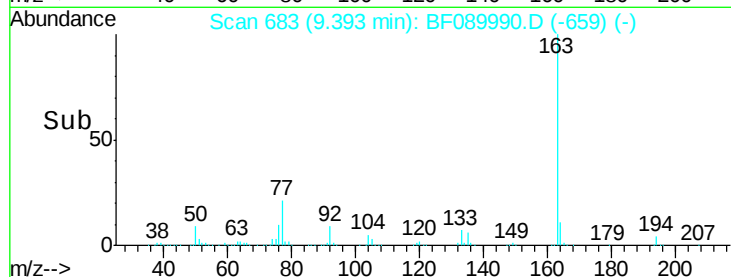
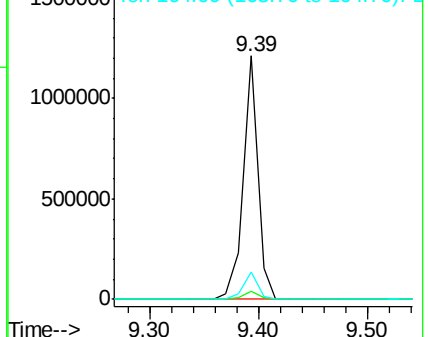
164 11.1 9.0 13.4

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



#50

2,6-Dinitrotoluene

Concen: 40.99 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

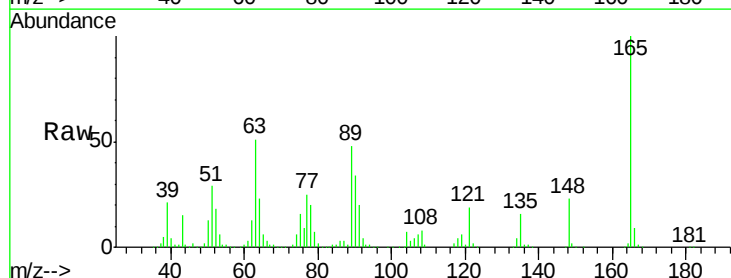
Tgt Ion:165 Resp: 284724

Ion Ratio Lower Upper

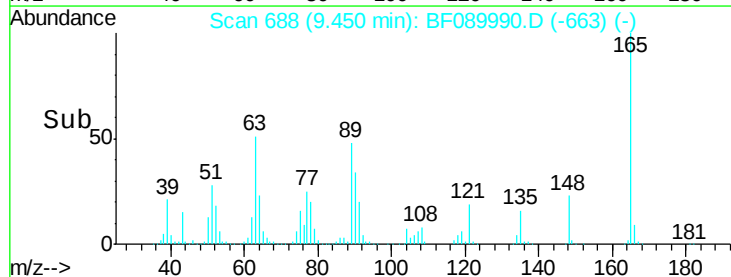
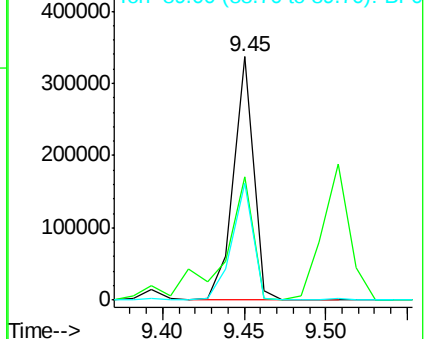
165 100

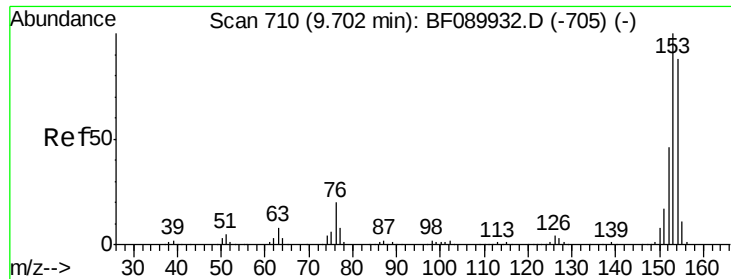
63 50.6 45.0 67.4

89 48.1 41.5 62.3



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





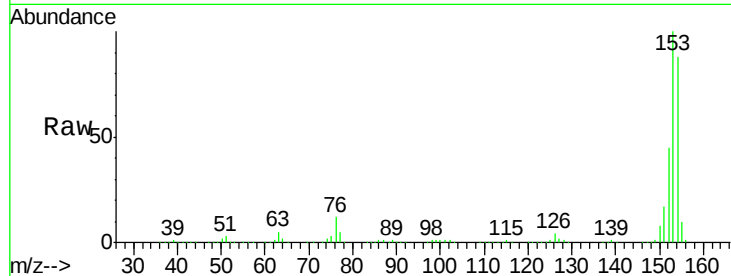
#51  
Acenaphthene  
Concen: 41.58 ng  
RT: 9.69 min Scan# 709  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

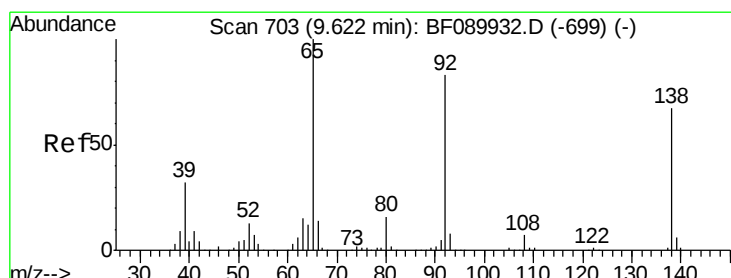
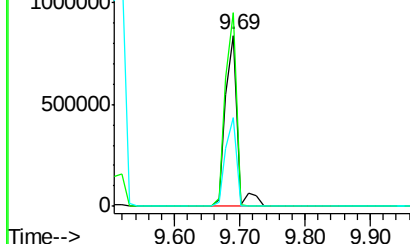
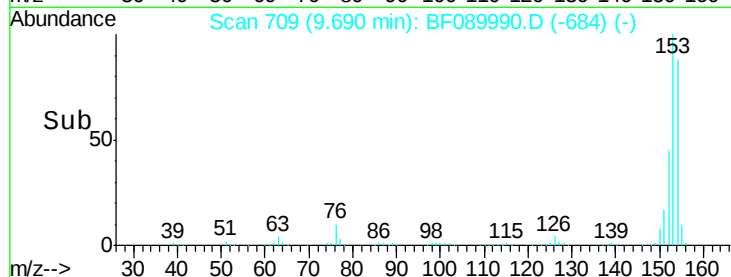
Tgt Ion:154 Resp: 1072084  
Ion Ratio Lower Upper  
154 100  
153 113.4 90.6 135.8  
152 51.5 42.4 63.6

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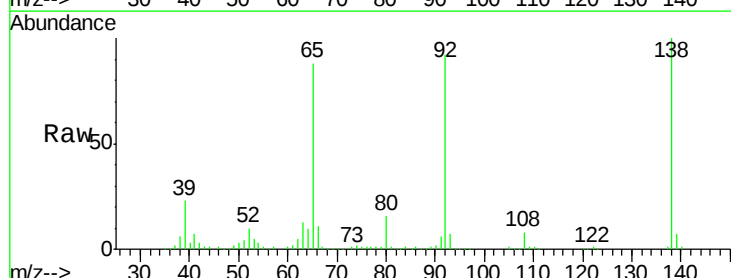


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

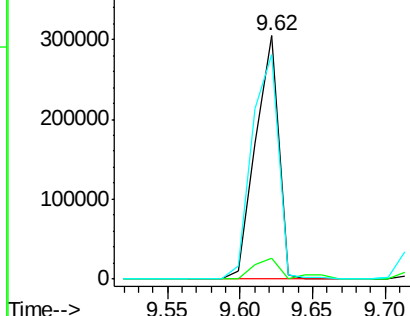
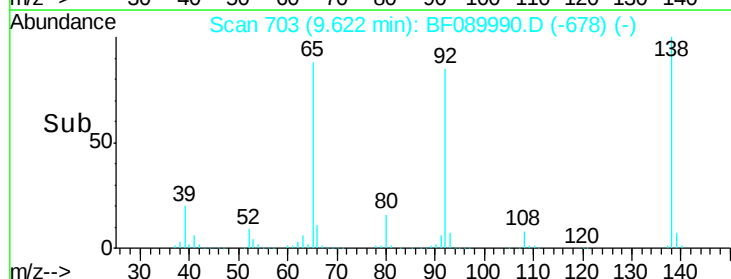


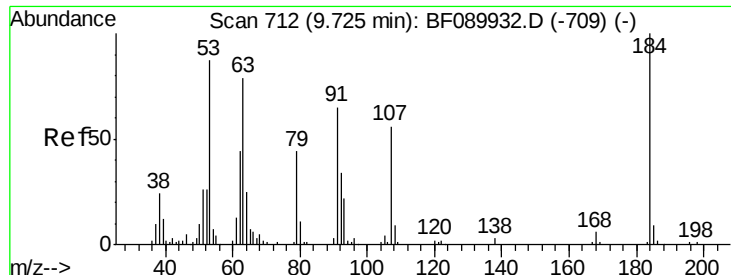
#52  
3-Nitroaniline  
Concen: 42.83 ng  
RT: 9.62 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Tgt Ion:138 Resp: 339291  
Ion Ratio Lower Upper  
138 100  
108 8.5 8.3 12.5  
92 92.1 99.1 148.7#



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





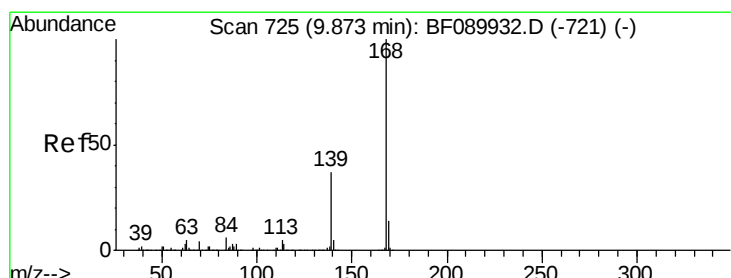
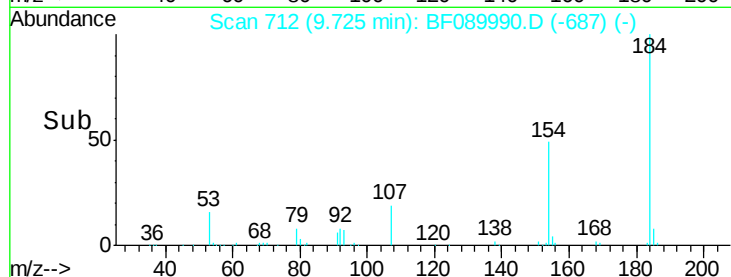
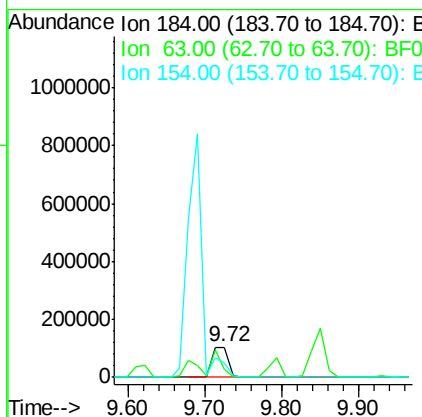
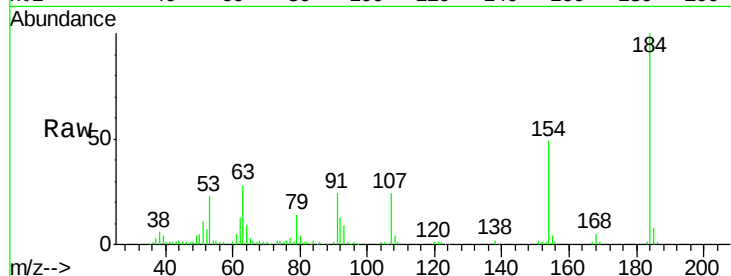
#53  
2,4-Dinitrophenol  
Concen: 43.12 ng  
RT: 9.72 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 152821 |       |       |
| 63      | 28.3  | 73.9   | 110.9 |       |
| 154     | 48.8  | 53.5   | 80.3  |       |

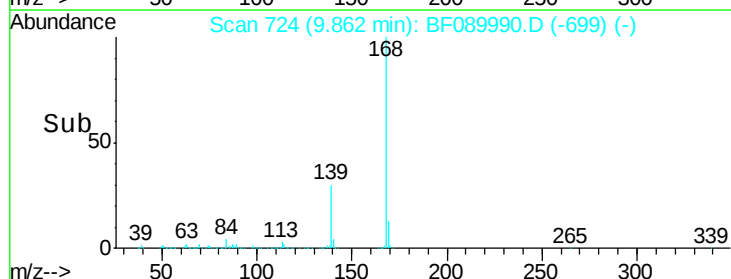
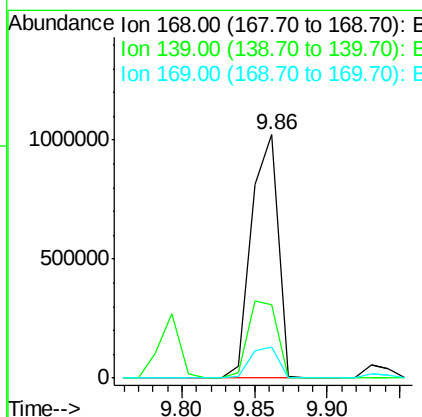
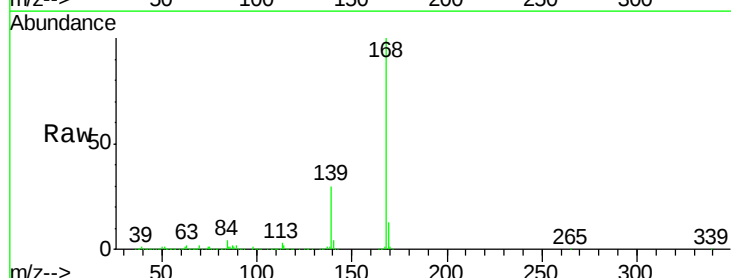
Manual Integrations  
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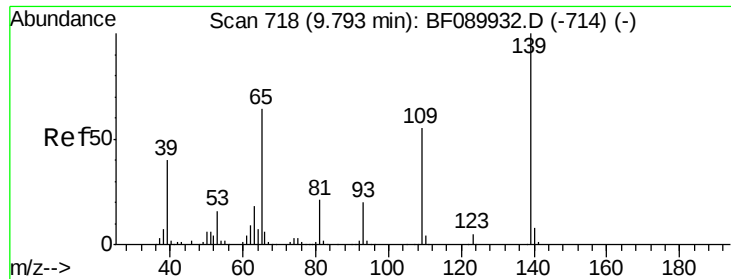
sohil  
9/7/2016 8:50:24 AM



#54  
Dibenzofuran  
Concen: 37.69 ng  
RT: 9.86 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1302338 |       |       |
| 139     | 30.0  | 29.5    | 44.3  |       |
| 169     | 12.9  | 10.8    | 16.2  |       |





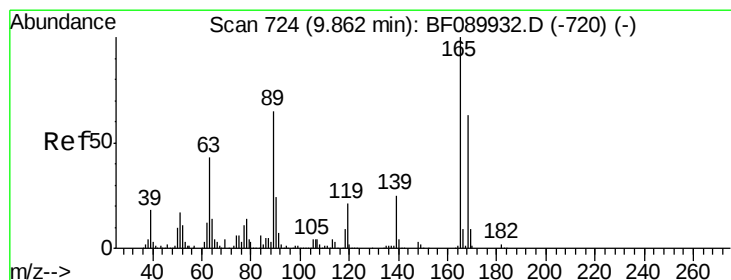
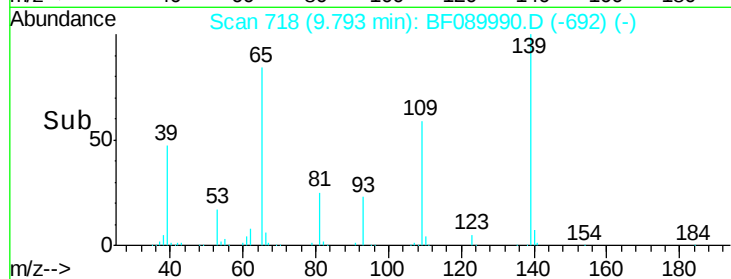
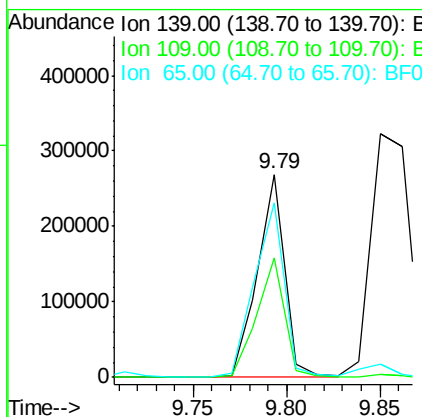
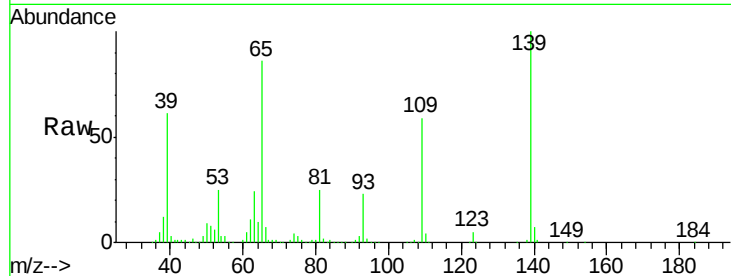
#55  
4-Nitrophenol  
Concen: 45.64 ng  
RT: 9.79 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 272713 |       |       |
| 109     | 58.6  | 31.3   | 71.3  |       |
| 65      | 85.7  | 38.5   | 78.5  |       |

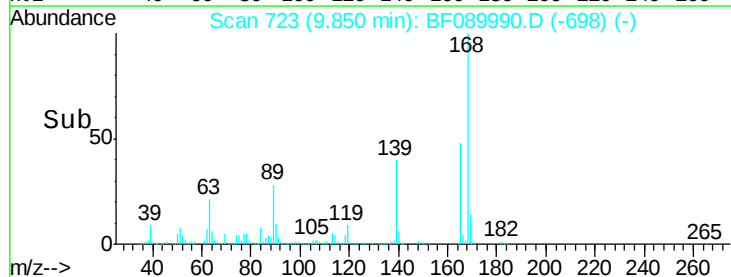
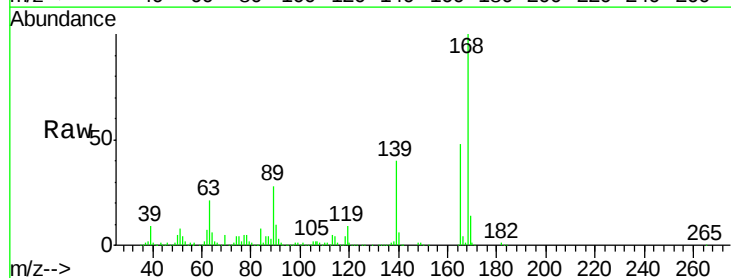
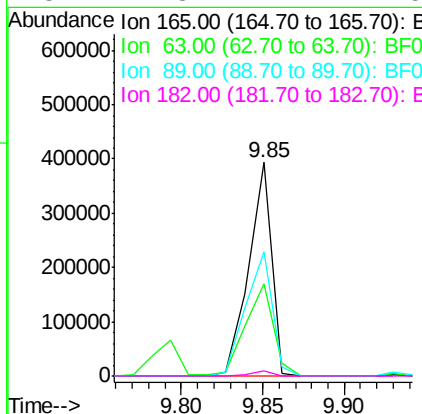
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APPROVED

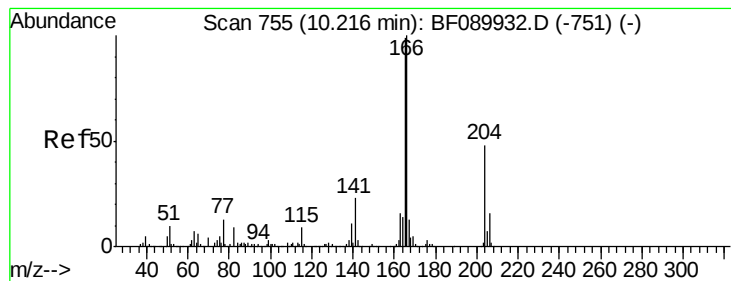
sohil  
9/7/2016 8:50:24 AM



#56  
2,4-Dinitrotoluene  
Concen: 43.37 ng  
RT: 9.85 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 382013 |       |       |
| 63      | 43.0  | 32.5   | 48.7  |       |
| 89      | 58.3  | 48.3   | 72.5  |       |
| 182     | 2.3   | 1.7    | 2.5   |       |





#57

Fluorene

Concen: 34.74 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

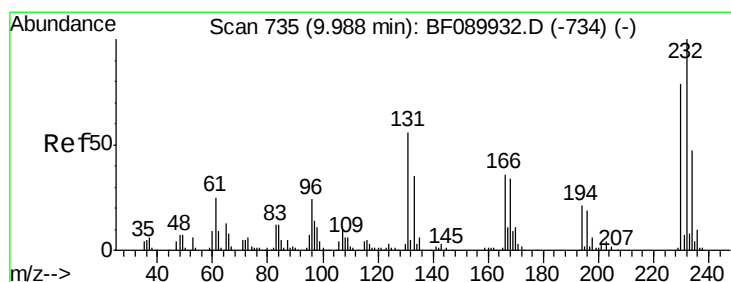
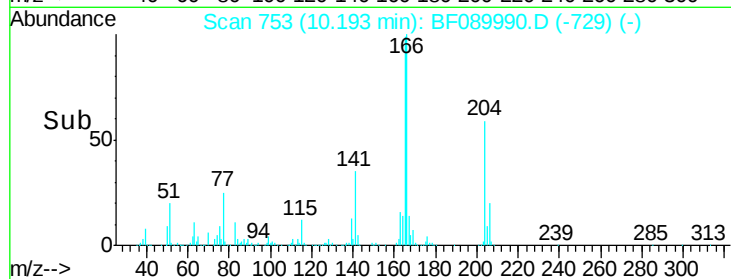
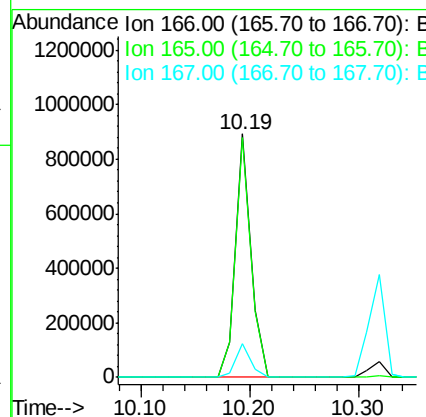
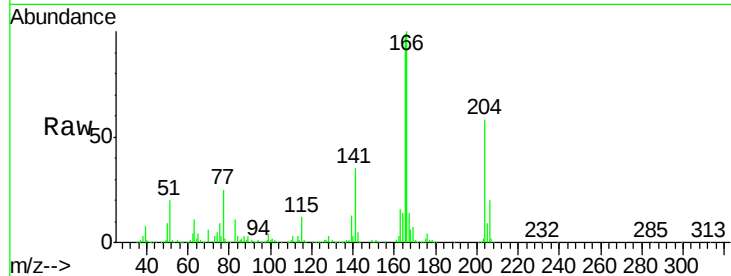
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 877115 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.7  | 78.6  | 118.0  |
| 167       | 13.7  | 10.6  | 15.8   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.05 ng

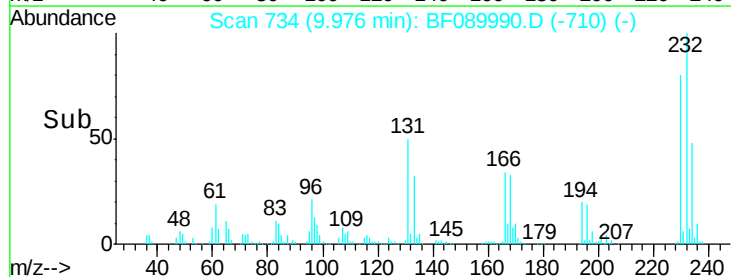
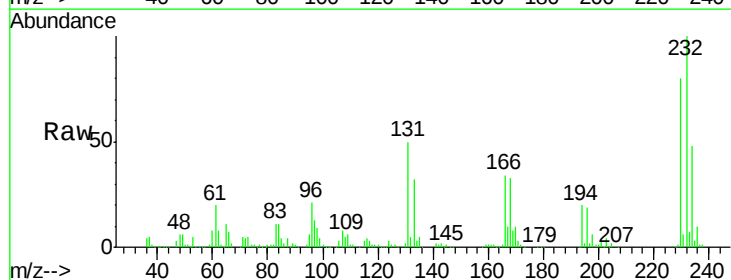
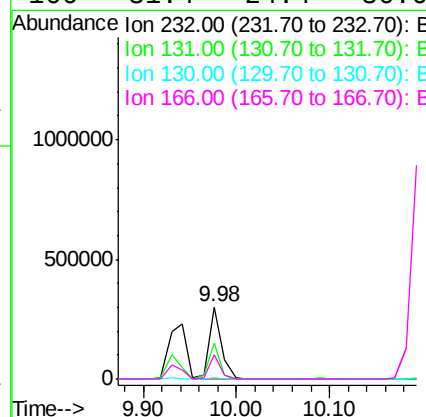
RT: 9.98 min Scan# 734

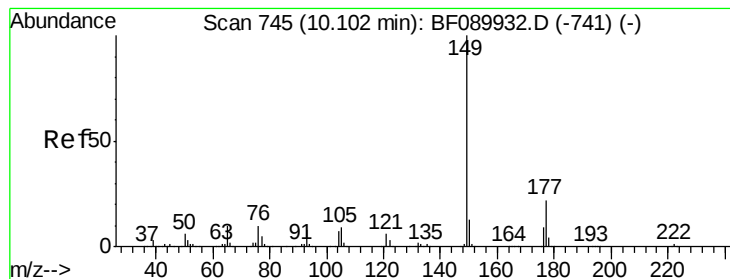
Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 282017 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 45.3  | 36.3  | 54.5   |
| 130       | 2.2   | 1.7   | 2.5    |
| 166       | 31.4  | 24.4  | 36.6   |





#59

Diethylphthalate

Concen: 40.23 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1181948

Ion Ratio Lower Upper

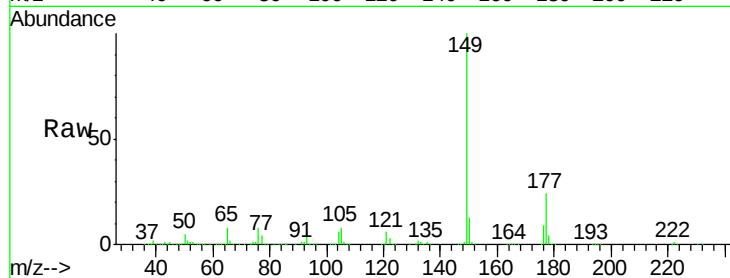
149 100

177 23.7 17.7 26.5

150 12.8 10.2 15.2

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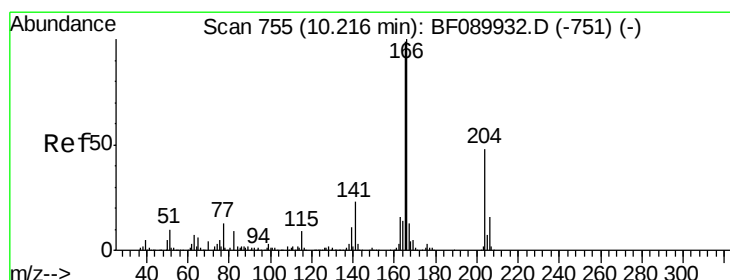
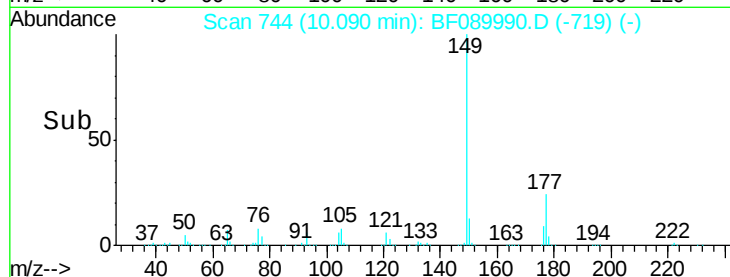
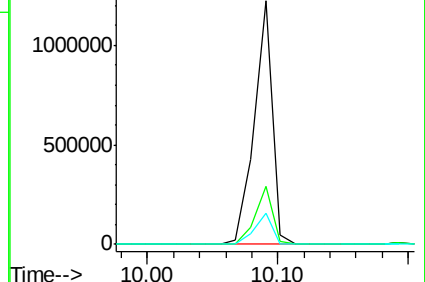
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.13 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

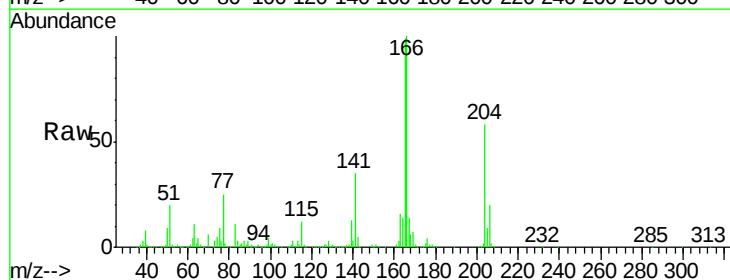
Tgt Ion:204 Resp: 441190

Ion Ratio Lower Upper

204 100

206 33.4 26.6 40.0

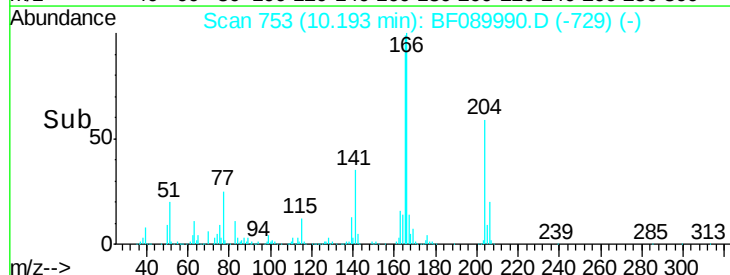
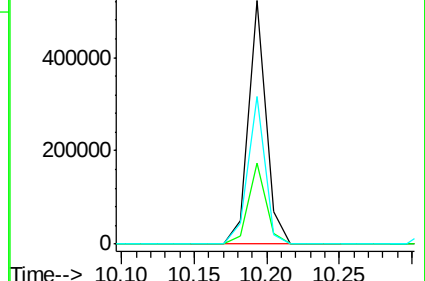
141 60.6 36.5 54.7#

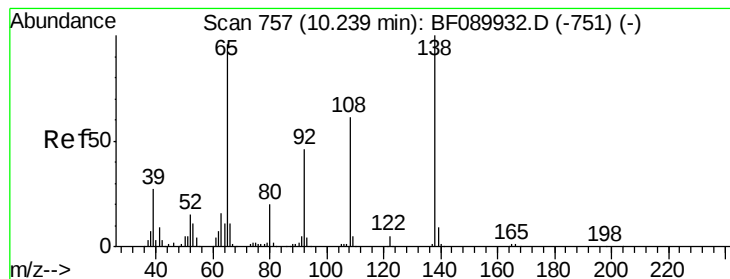


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





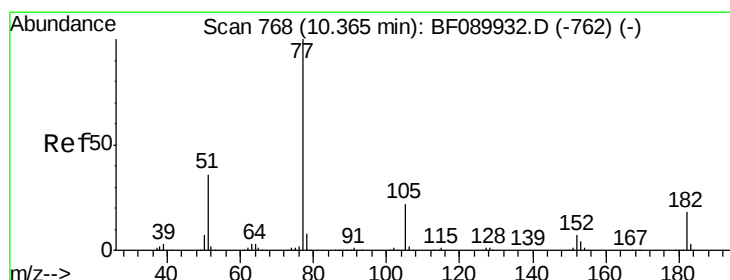
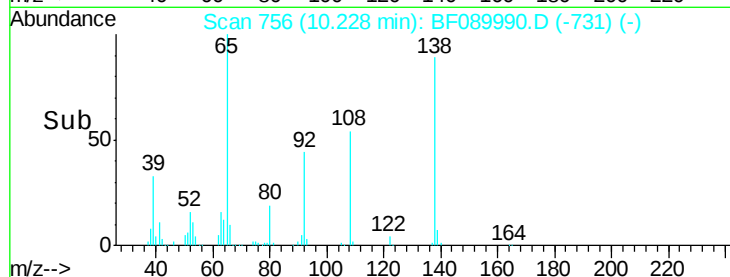
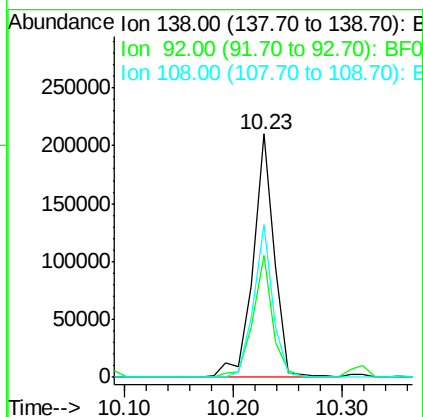
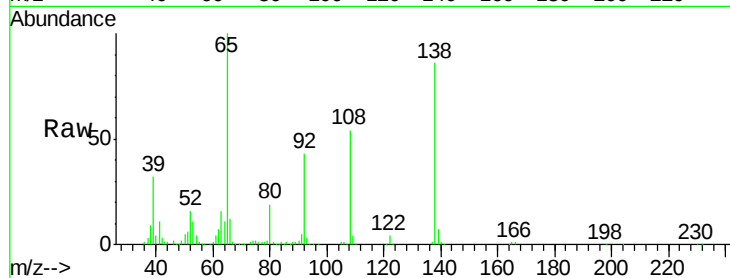
#61  
4-Nitroaniline  
Concen: 36.83 ng  
RT: 10.23 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.9  | 21.2  | 61.2  |
| 108     | 62.9  | 37.7  | 77.7  |

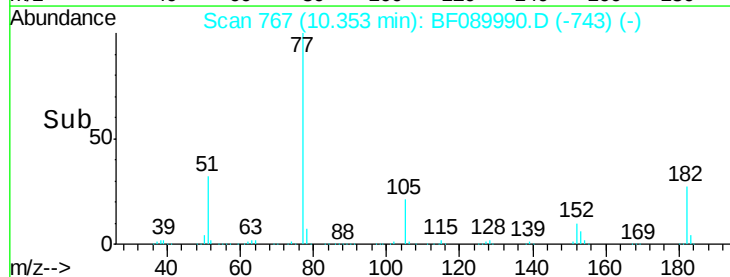
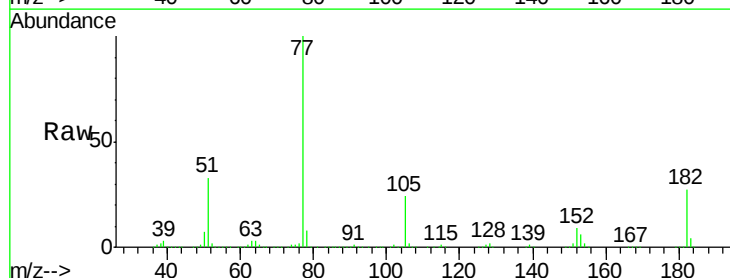
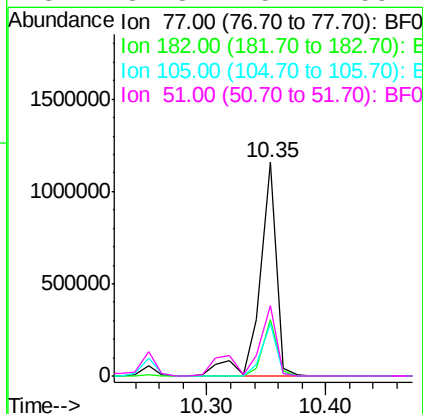
Manual Integrations  
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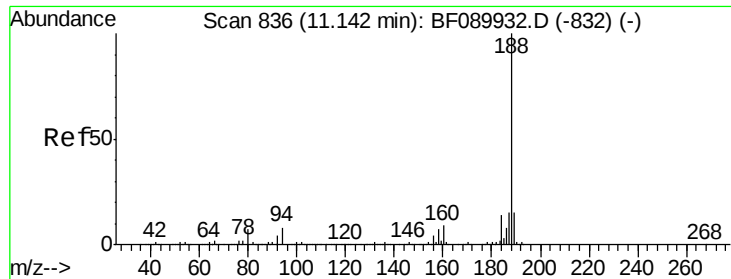
sohil  
9/7/2016 8:50:24 AM



#62  
Azobenzene  
Concen: 38.84 ng  
RT: 10.35 min Scan# 767  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 0.0   | 38.6  |
| 105     | 24.5  | 2.3   | 42.3  |
| 51      | 32.8  | 15.1  | 55.1  |





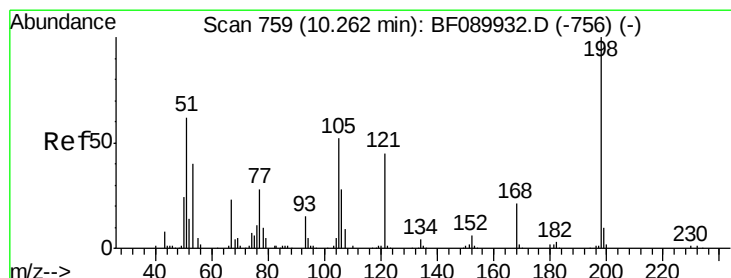
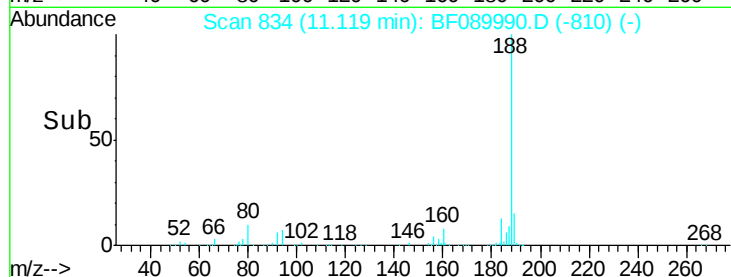
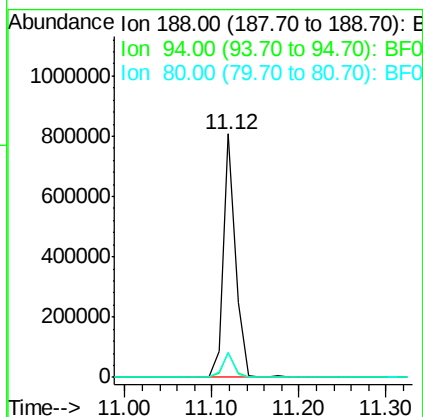
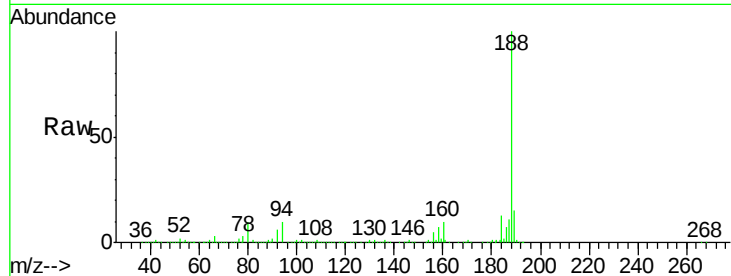
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.12 min Scan# 834  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 797659 |       |       |
| 94      | 10.1  | 5.9    | 8.9#  |       |
| 80      | 10.3  | 5.8    | 8.8#  |       |

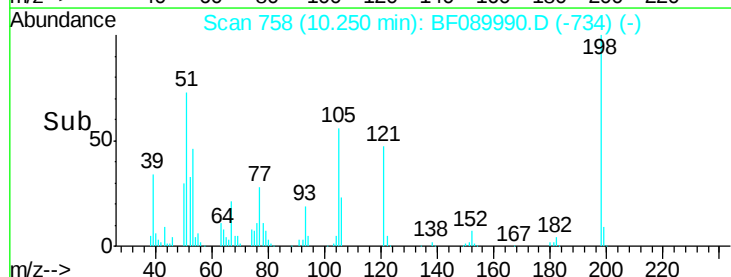
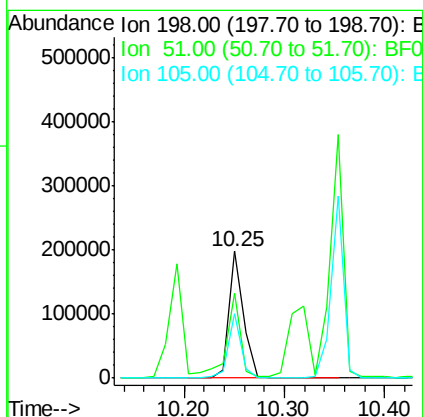
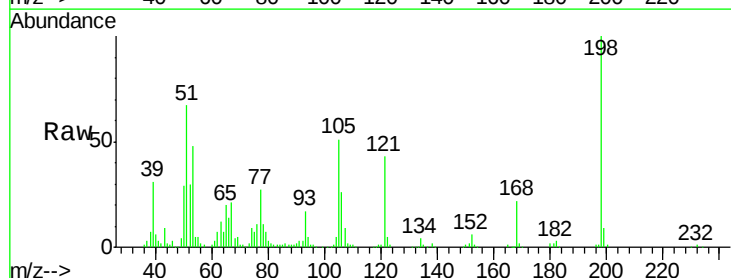
Manual Integrations  
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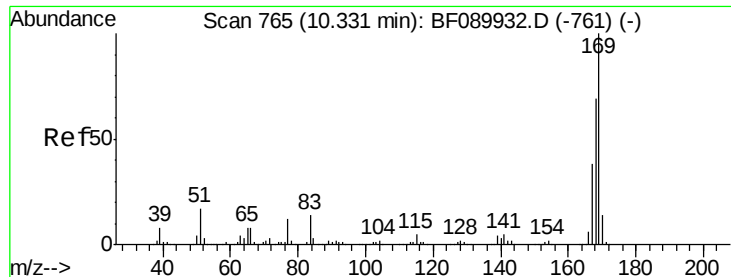
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.76 ng  
RT: 10.25 min Scan# 758  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 197939 |       |       |
| 51      | 66.9  | 43.0   | 83.0  |       |
| 105     | 50.7  | 30.3   | 70.3  |       |





#65

n-Nitrosodiphenylamine

Concen: 42.56 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1020509

Ion Ratio Lower Upper

169 100

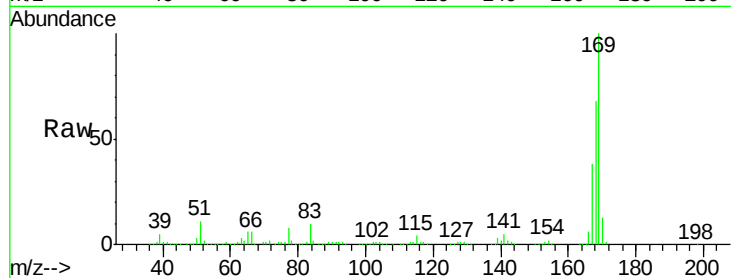
168 67.6 55.0 82.4

167 37.6 30.5 45.7

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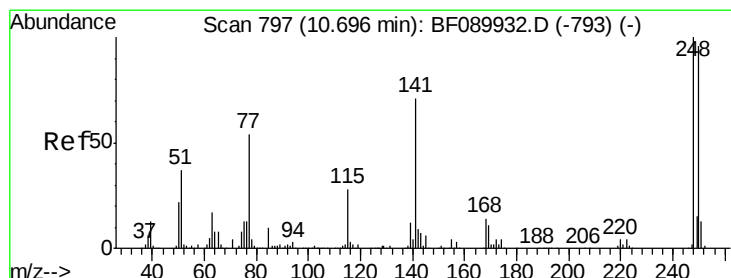
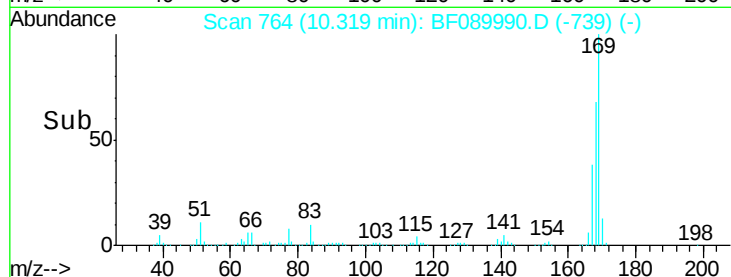
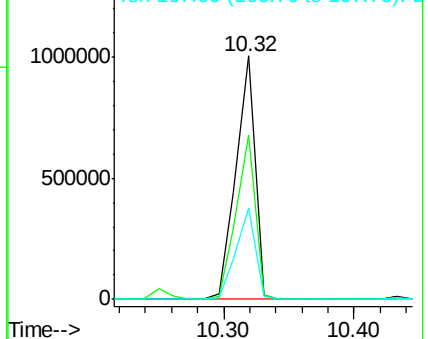
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.85 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

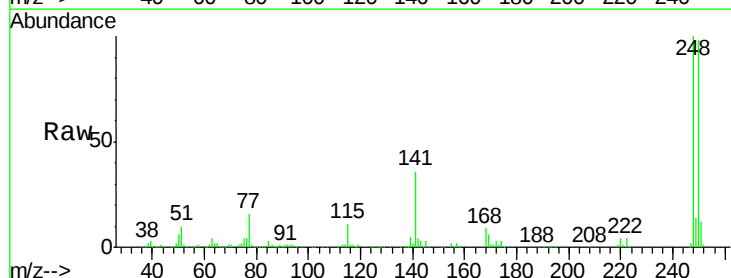
Tgt Ion:248 Resp: 328070

Ion Ratio Lower Upper

248 100

250 97.8 77.3 115.9

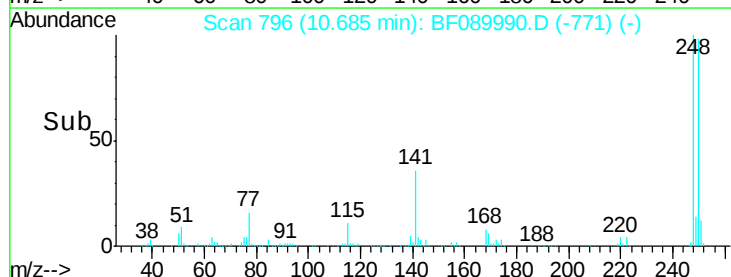
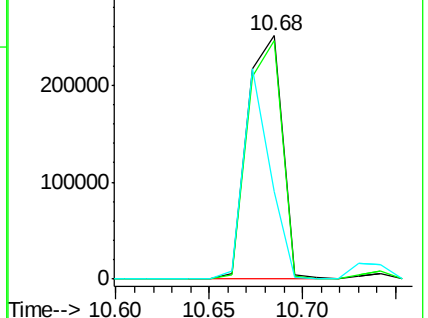
141 36.0 55.8 83.8#

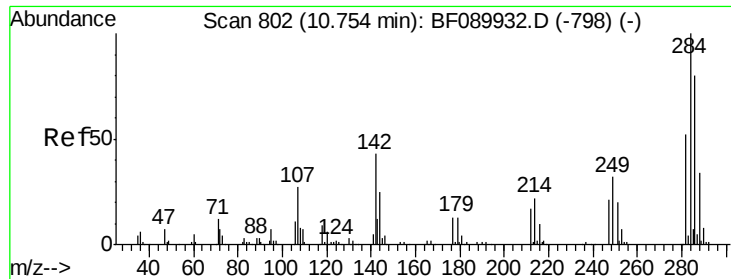


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.64 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

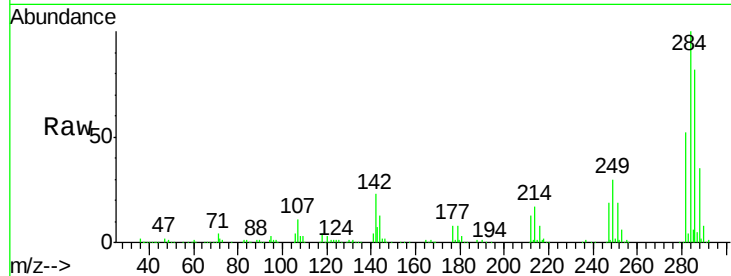
ClientSampleId :

SSTDCCC040

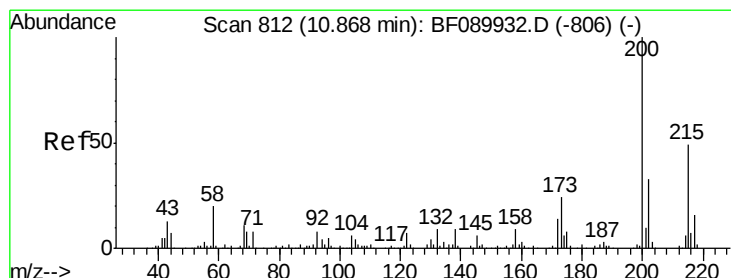
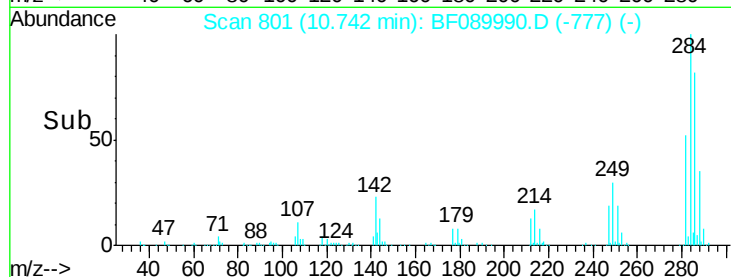
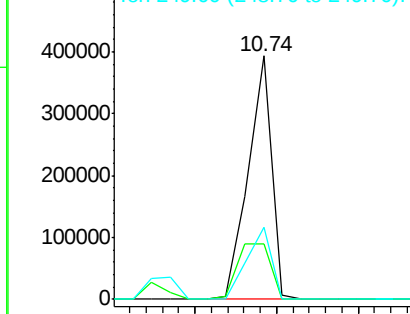
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 391137 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 22.5  | 32.7  | 49.1#  |
| 249       | 29.6  | 26.9  | 40.3   |

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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: 36.22 ng

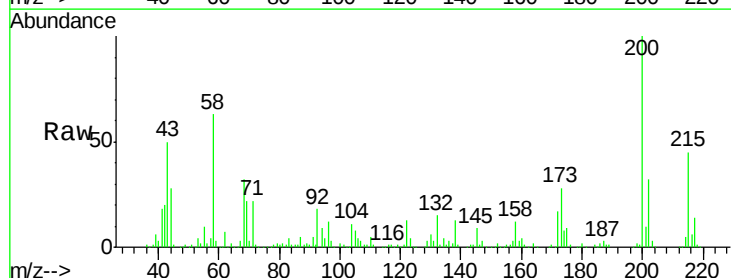
RT: 10.84 min Scan# 810

Delta R.T. -0.02 min

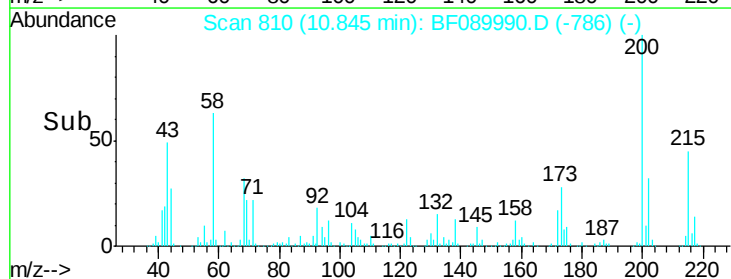
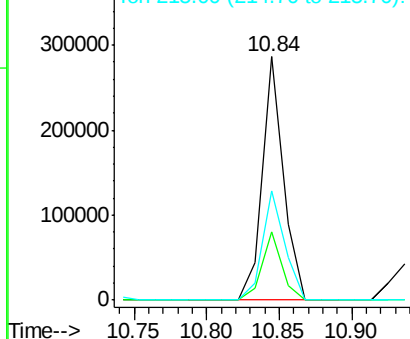
Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 289938 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.8  | 9.4   | 49.4   |
| 215       | 44.8  | 24.5  | 64.5   |



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: 48.86 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:266 Resp: 241092

Ion Ratio Lower Upper

266 100

268 65.6 51.0 76.6

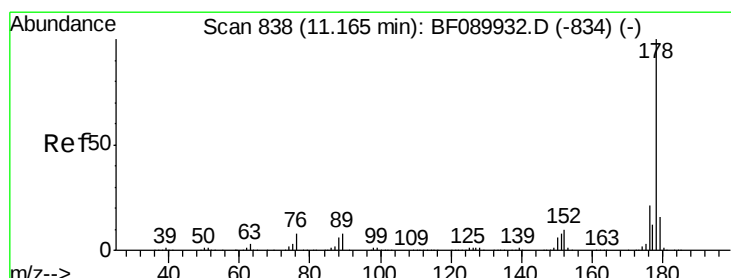
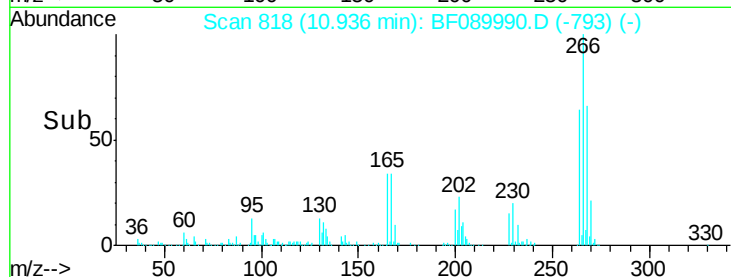
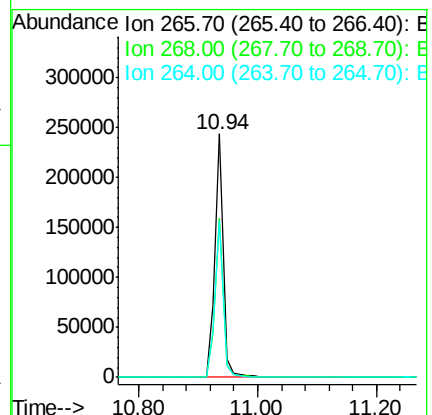
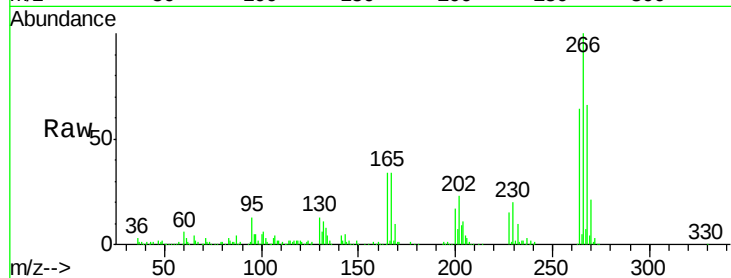
264 64.2 50.6 75.8

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#70

Phenanthrene

Concen: 36.35 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

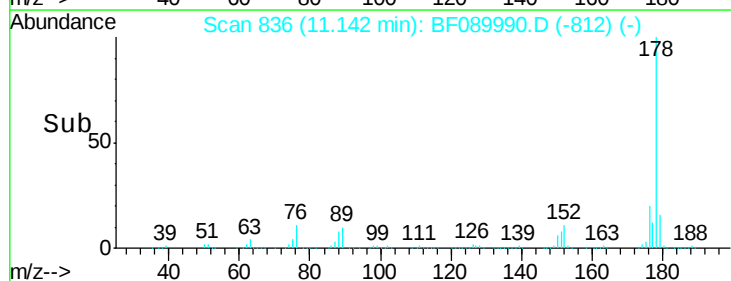
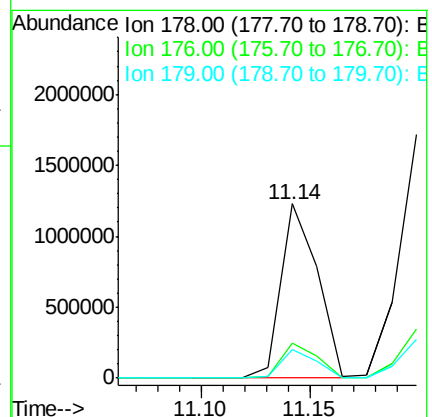
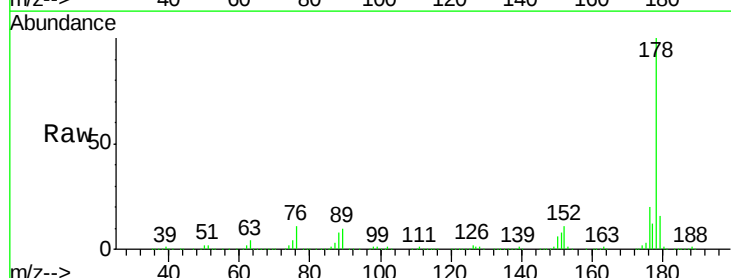
Tgt Ion:178 Resp: 1443884

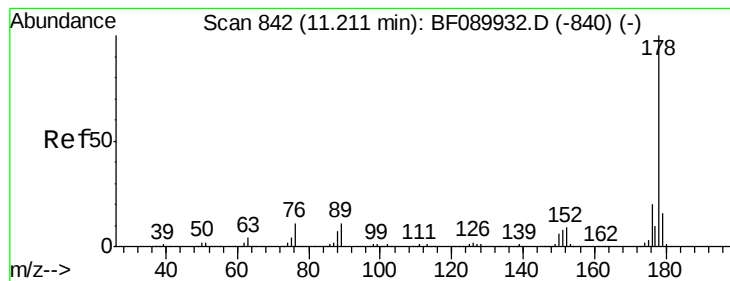
Ion Ratio Lower Upper

178 100

176 20.3 16.5 24.7

179 16.2 12.8 19.2





#71

Anthracene

Concen: 40.39 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1627294

Ion Ratio Lower Upper

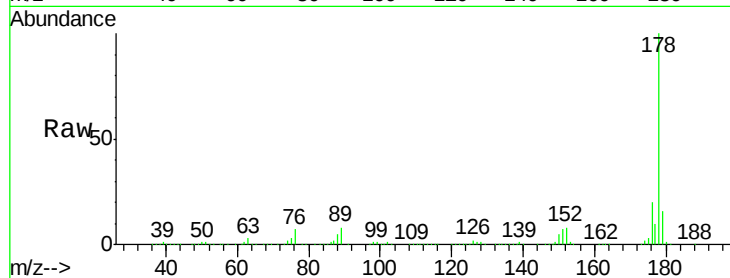
178 100

176 20.0 15.8 23.8

179 15.8 13.0 19.4

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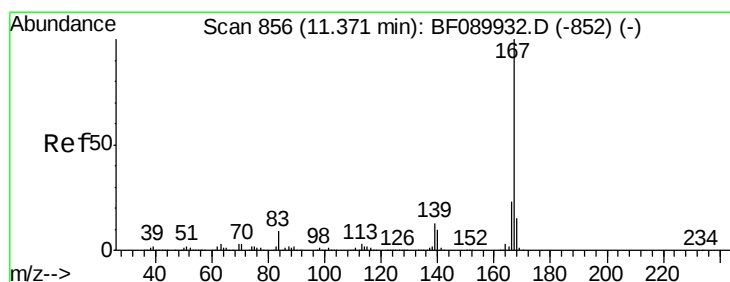
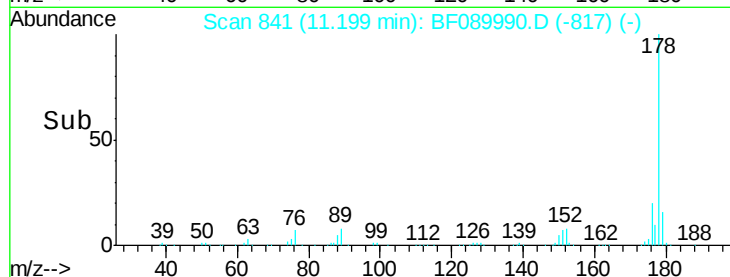
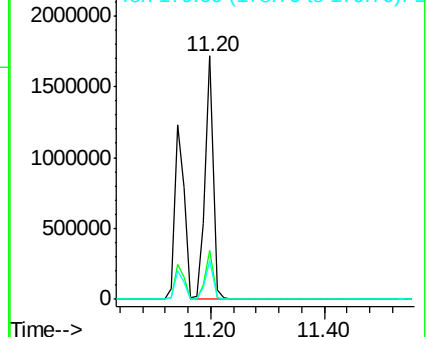
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.84 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

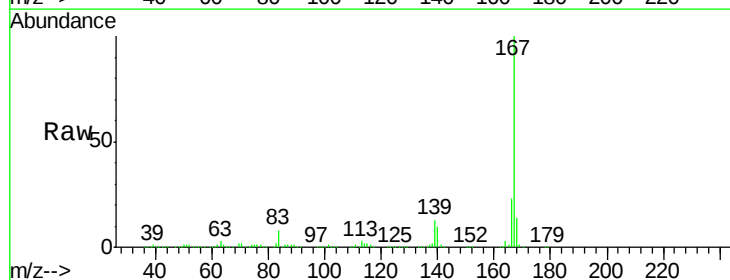
Tgt Ion:167 Resp: 1580626

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

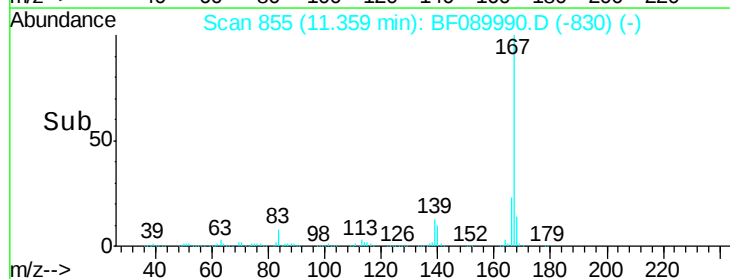
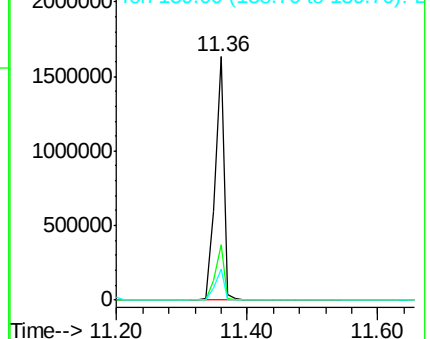
139 12.6 10.4 15.6

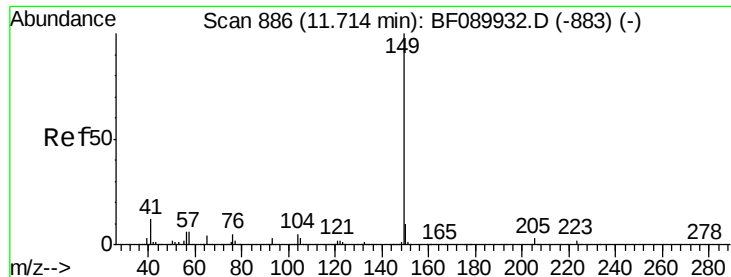


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.55 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

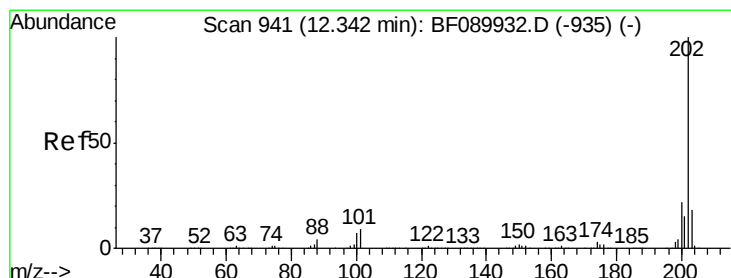
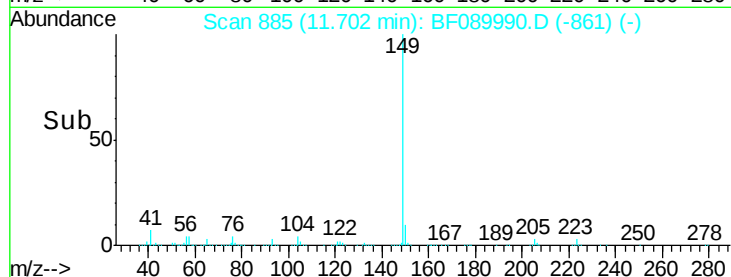
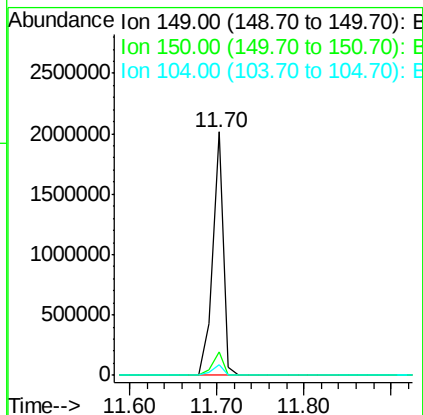
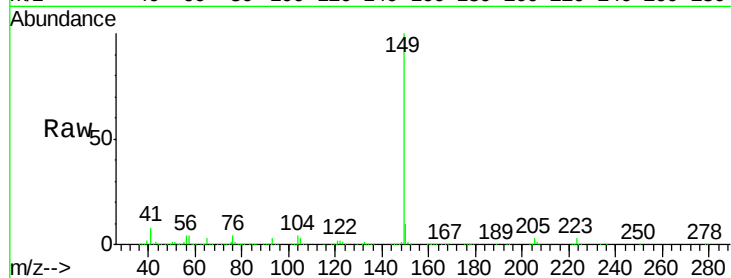
SSTDCCC040

Tgt Ion:149 Resp: 1741352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.8   | 11.8  |
| 104 | 4.4   | 3.9   | 5.9   |

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#74

Fluoranthene

Concen: 35.32 ng

RT: 12.32 min Scan# 939

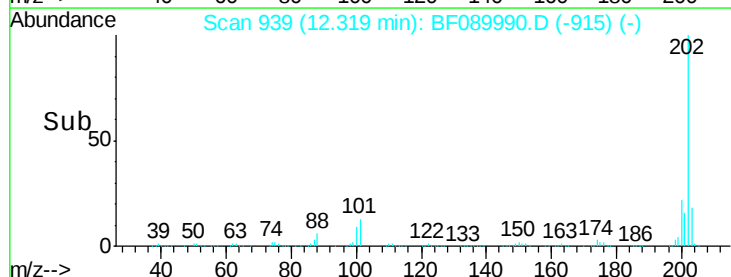
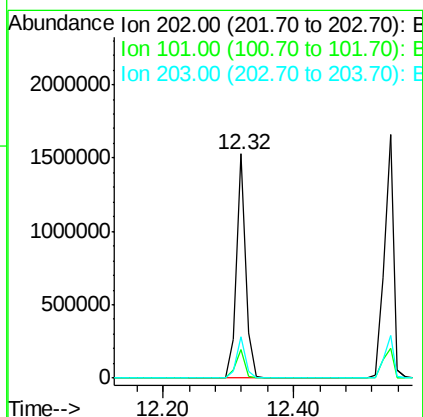
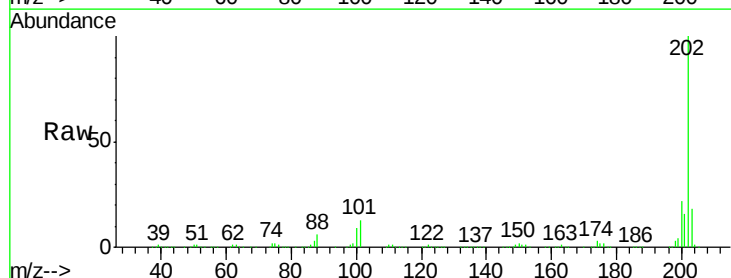
Delta R.T. -0.02 min

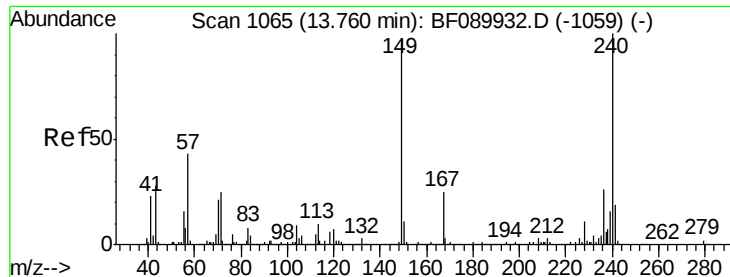
Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Tgt Ion:202 Resp: 1470347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.8  | 0.0   | 28.5  |
| 203 | 18.3  | 0.0   | 38.0  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

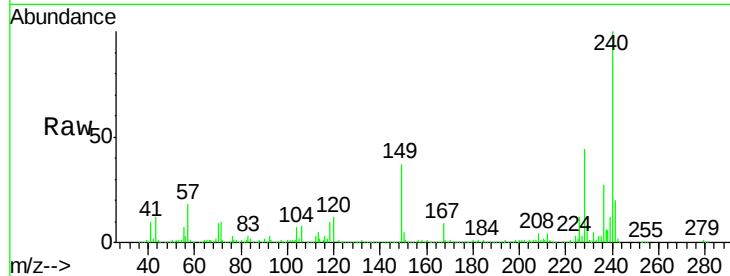
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.8  | 5.7   | 8.5#  |
| 236     | 26.8  | 21.3  | 31.9  |

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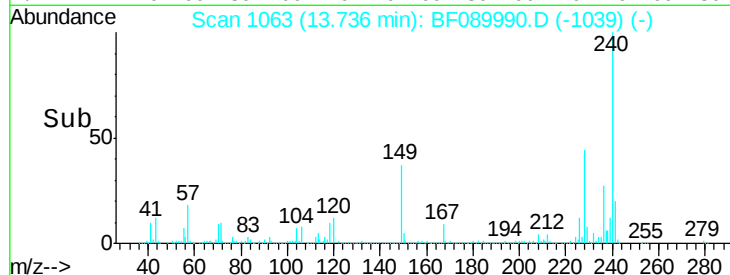


Abundance Ion 240.00 (239.70 to 240.70): E

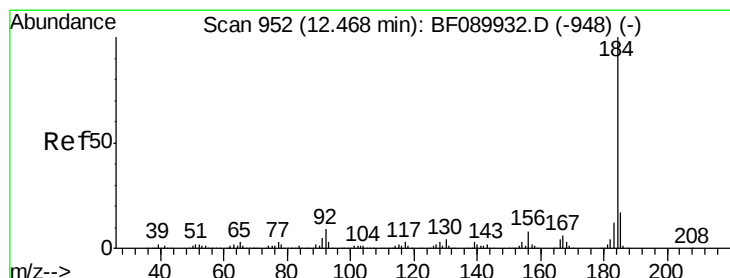
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.74



Time-->



#76

Benzidine

Concen: 39.79 ng

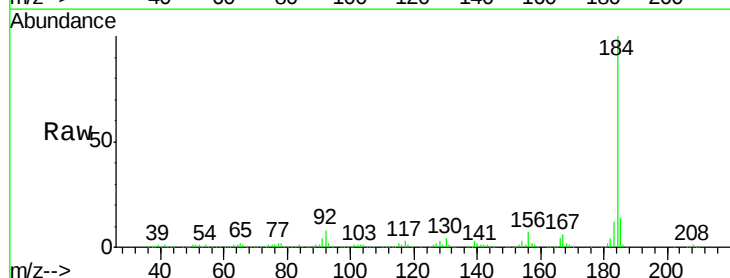
RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.3  | 13.8  | 20.8  |
| 183     | 12.0  | 9.6   | 14.4  |

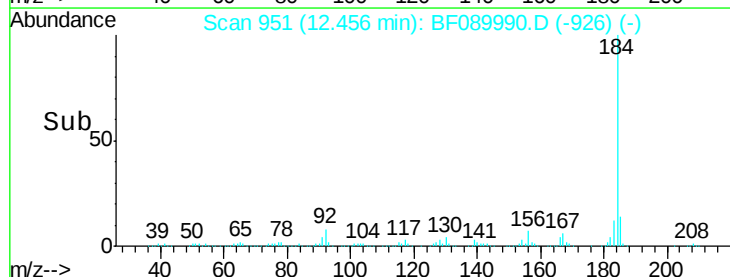


Abundance Ion 184.00 (183.70 to 184.70): E

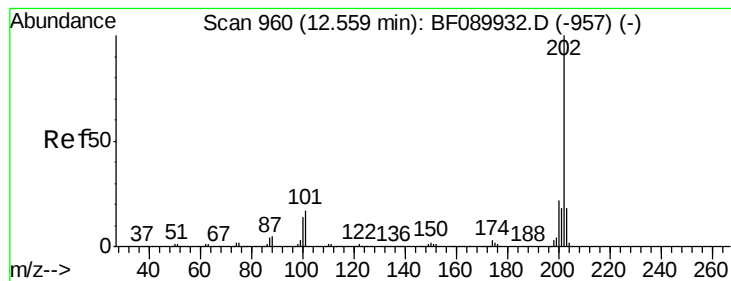
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.46



Time-->



#77

Pyrene

Concen: 37.90 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1671945

Ion Ratio Lower Upper

202 100

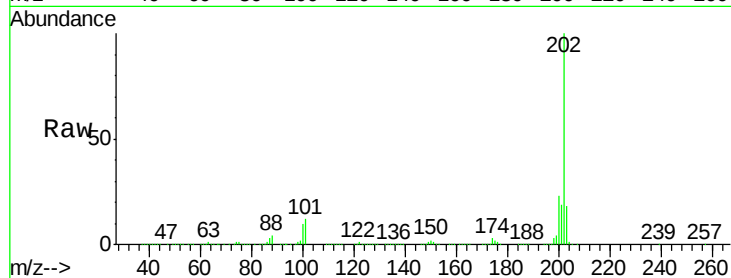
200 22.5 17.6 26.4

203 17.7 14.6 21.8

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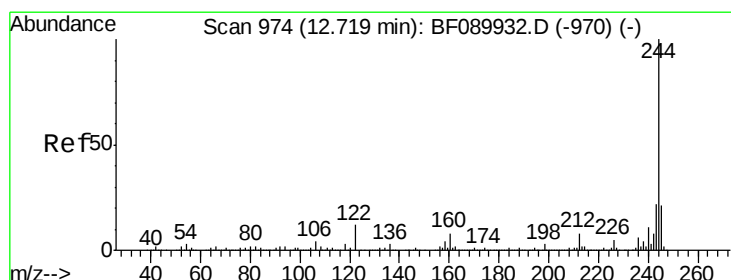
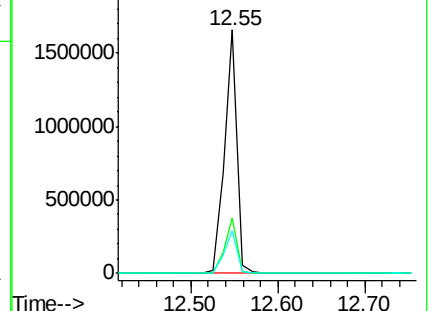
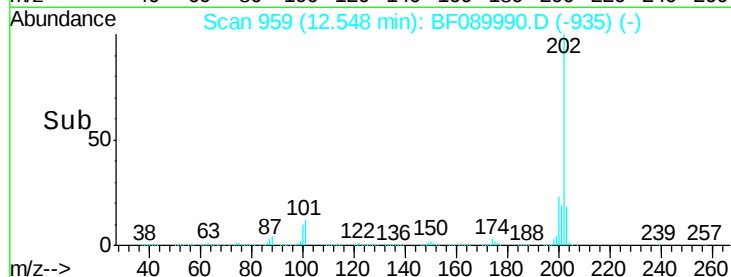
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.65 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

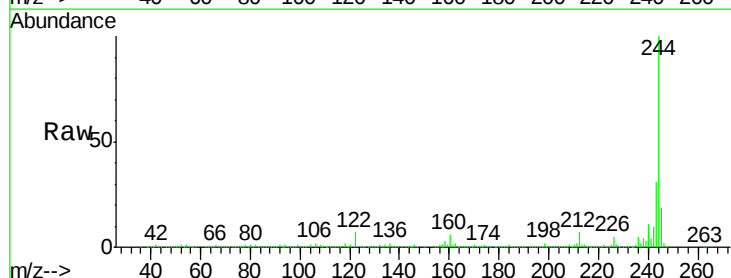
Tgt Ion:244 Resp: 1941228

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

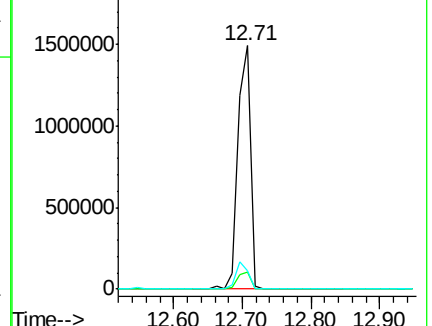
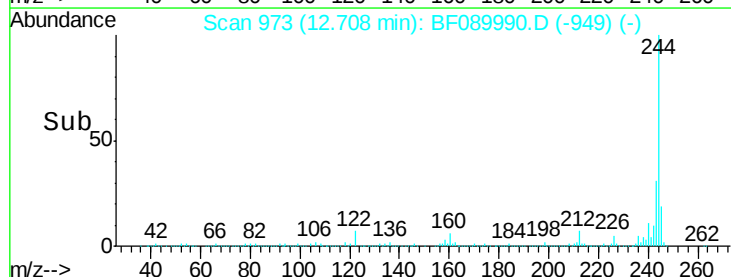
122 7.4 9.6 14.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.21 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 733152  
Ion Ratio Lower Upper

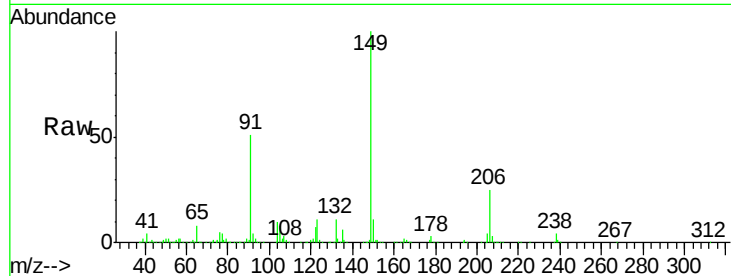
149 100

91 50.5 60.0 90.0#

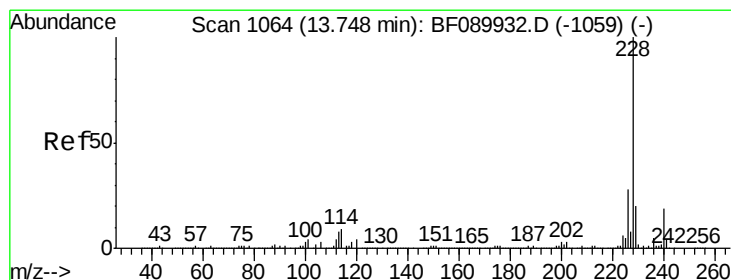
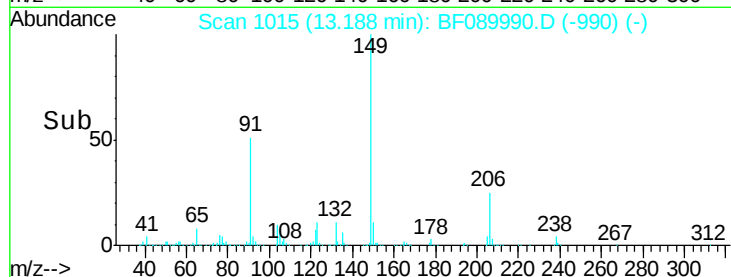
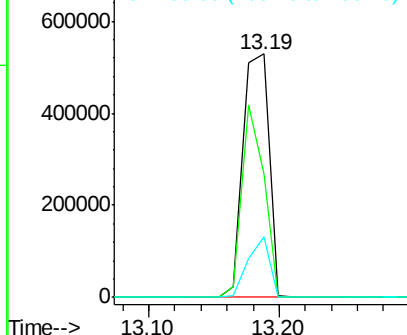
206 25.1 15.1 22.7#

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.89 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

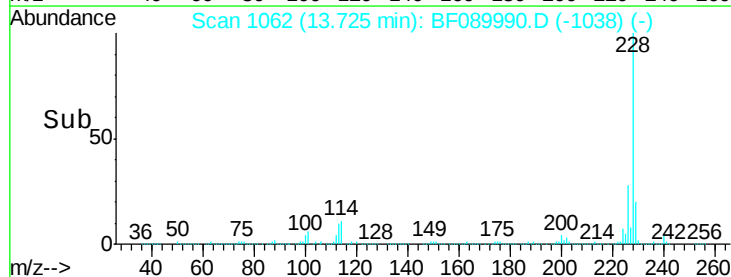
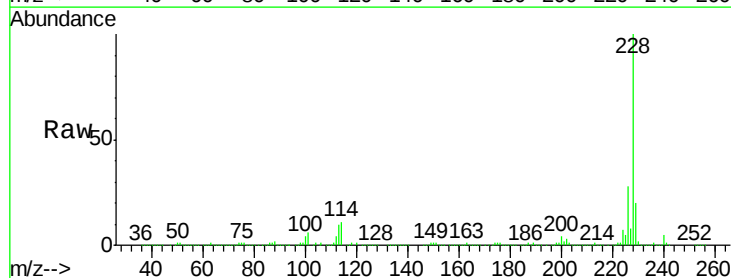
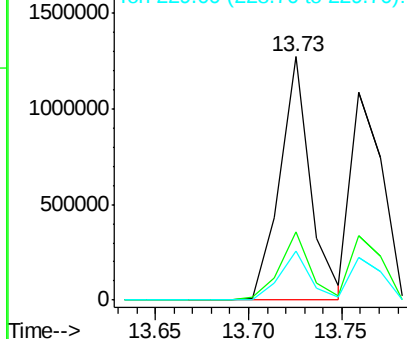
Tgt Ion:228 Resp: 1452120  
Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.2

229 20.4 15.8 23.6

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





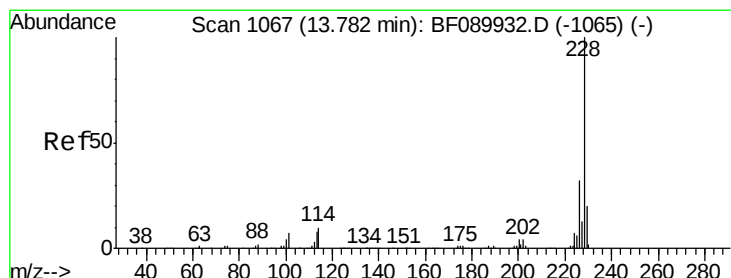
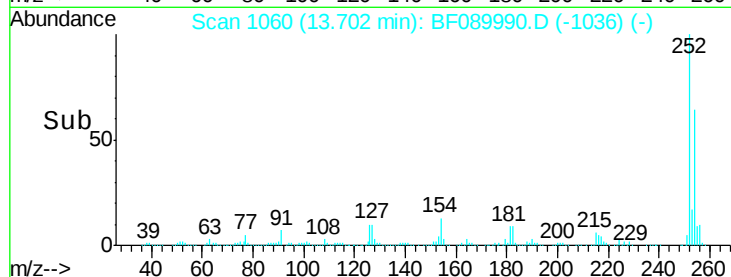
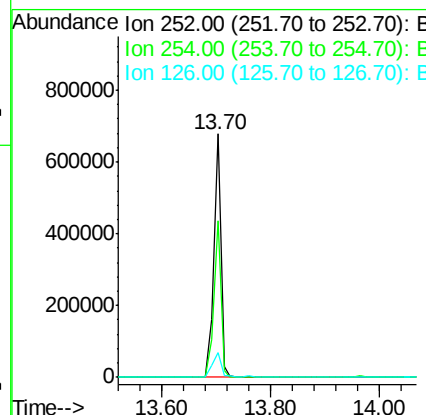
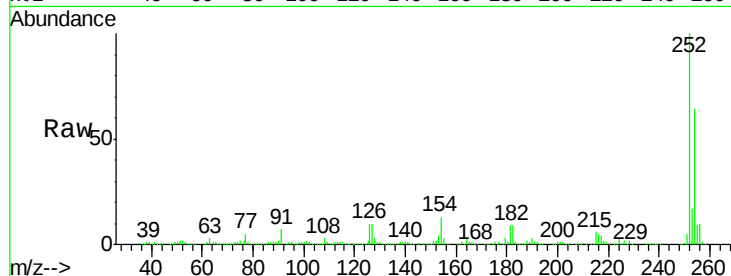
#81  
 3,3'-Dichlorobenzidine  
 Concen: 44.09 ng  
 RT: 13.70 min Scan# 1060  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.1  | 51.3       | 76.9       |
| 126     | 10.0  | 12.3       | 18.5#      |

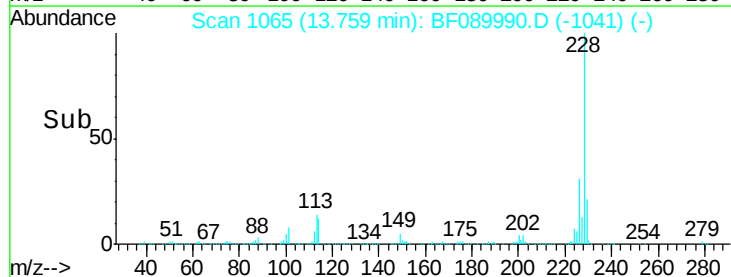
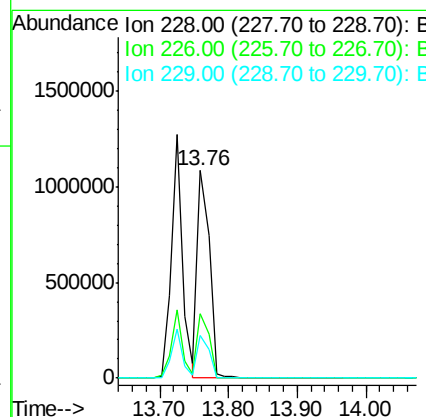
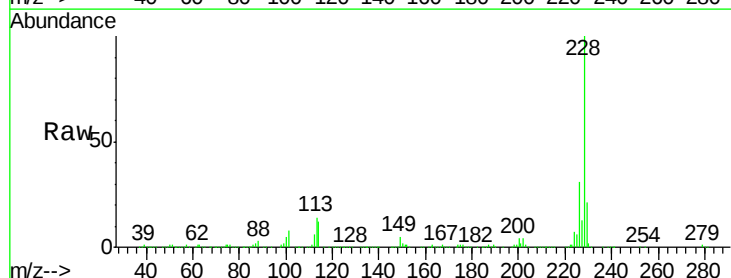
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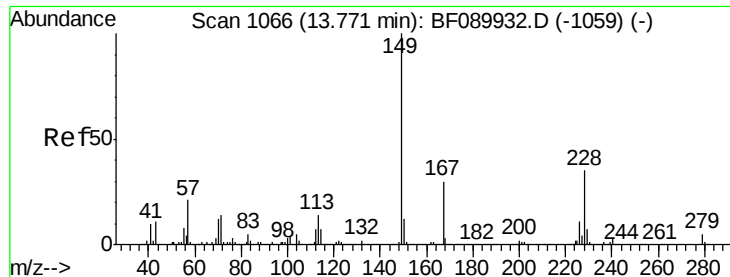
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#82  
 Chrysene  
 Concen: 36.12 ng  
 RT: 13.76 min Scan# 1065  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.1  | 25.2       | 37.8       |
| 229     | 20.8  | 16.2       | 24.2       |





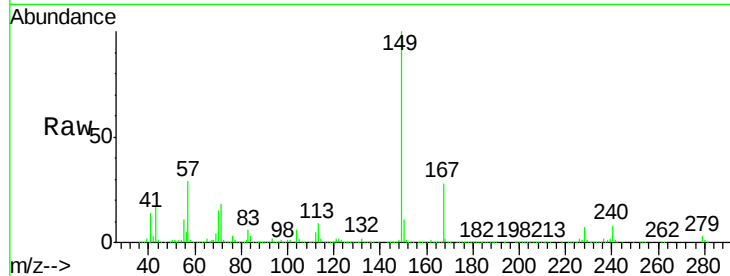
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.75 ng  
 RT: 13.75 min Scan# 1064  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 978003 |       |       |
| 167     | 27.9  | 23.6   | 35.4  |       |
| 279     | 3.3   | 3.4    | 5.2#  |       |

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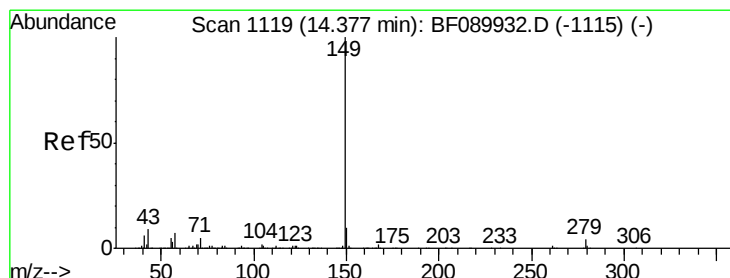
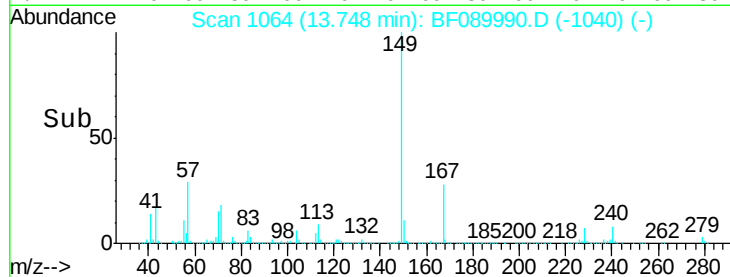
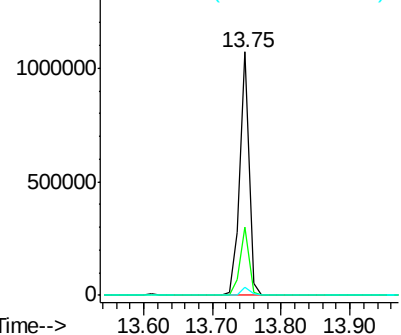


Abundance

Ion 149.00 (148.70 to 149.70): E

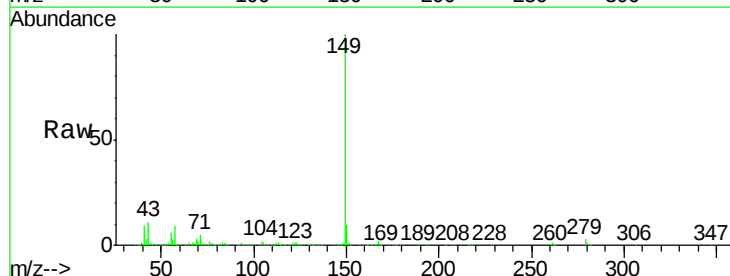
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 42.97 ng  
 RT: 14.35 min Scan# 1117  
 Delta R.T. -0.02 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1706564 |       |       |
| 167     | 1.6   | 1.2     | 1.8   |       |
| 43      | 12.3  | 9.3     | 13.9  |       |

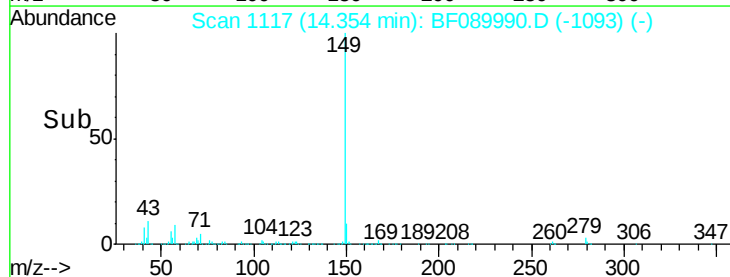
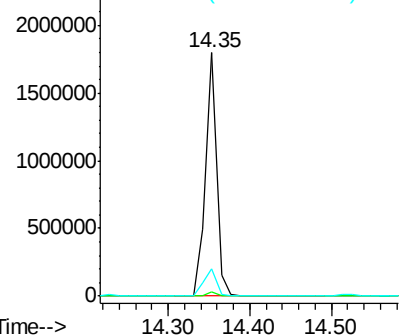


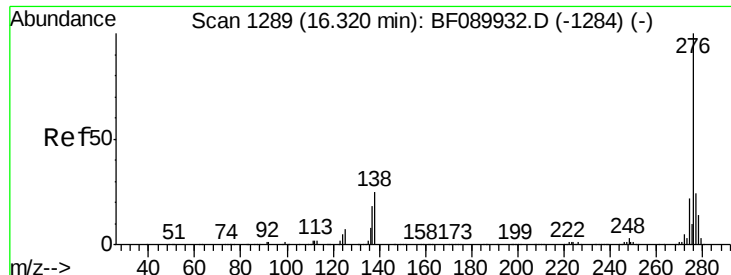
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





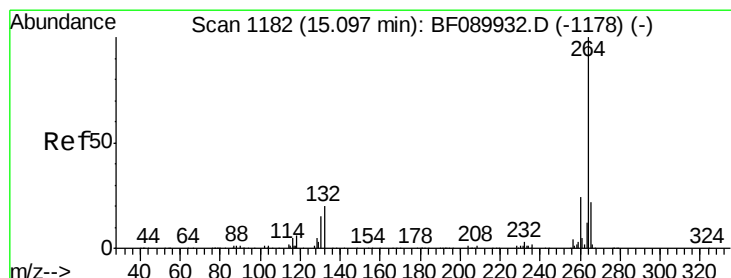
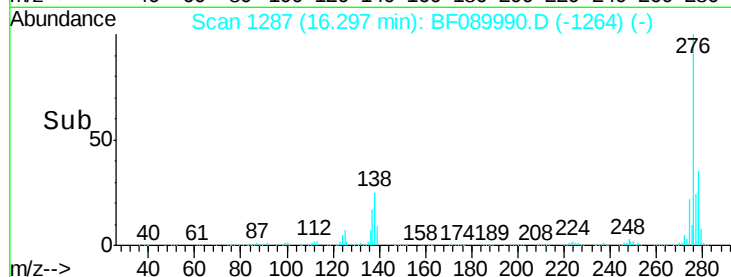
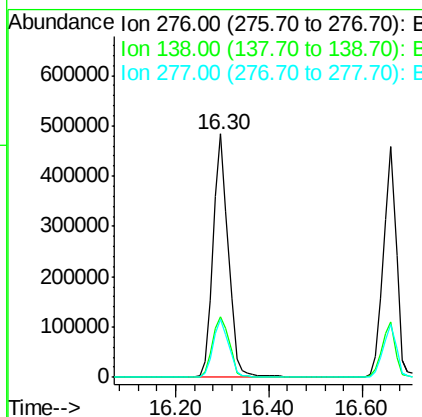
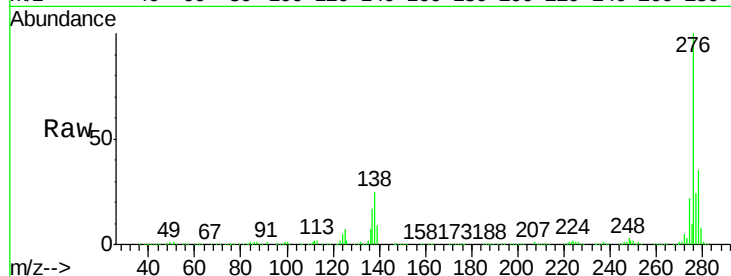
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 41.69 ng  
RT: 16.30 min Scan# 1287  
Delta R.T. -0.03 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.9  | 22.6  | 34.0  |
| 277     | 24.8  | 20.1  | 30.1  |

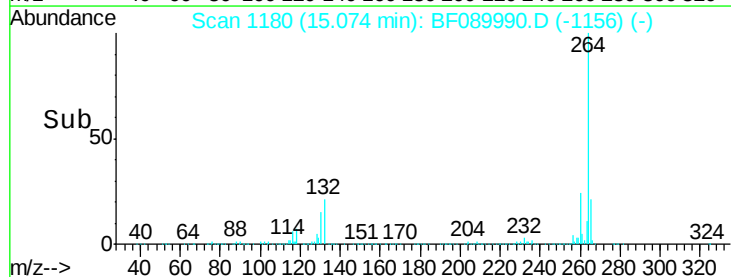
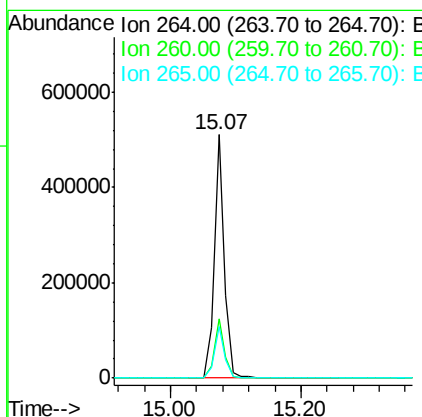
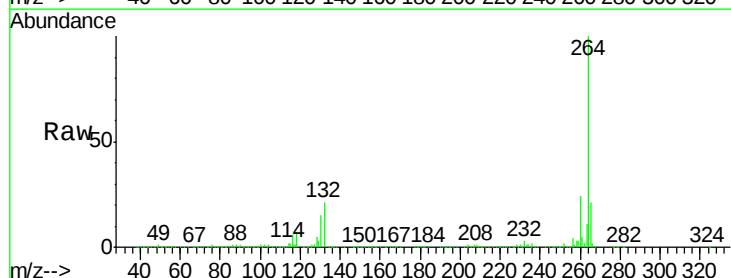
Manual Integrations  
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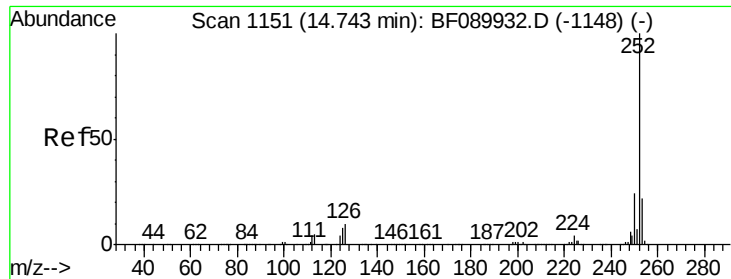
sohil  
9/7/2016 8:50:24 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.07 min Scan# 1180  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.4  | 29.0  |
| 265     | 21.4  | 17.4  | 26.2  |





#87

Benzo(b)fluoranthene

Concen: 39.07 ng m

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

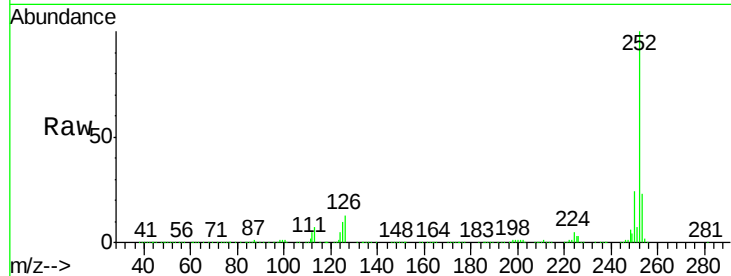
SSTDCCC040

Tgt Ion: 252 Resp: 1375463

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.9  | 18.0  | 27.0  |
| 125 | 10.1  | 5.7   | 8.5#  |

Manual Integrations  
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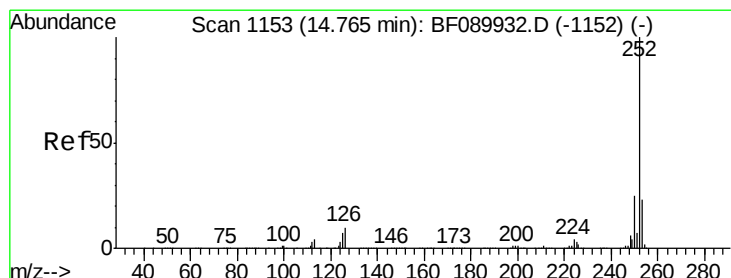
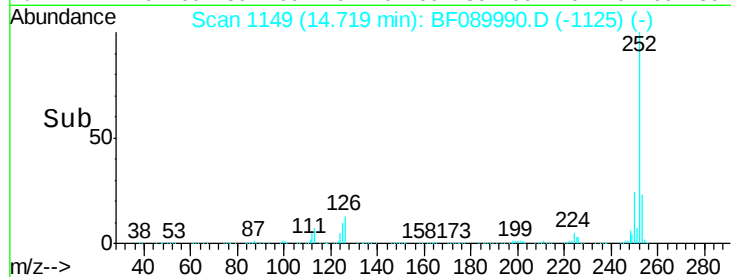
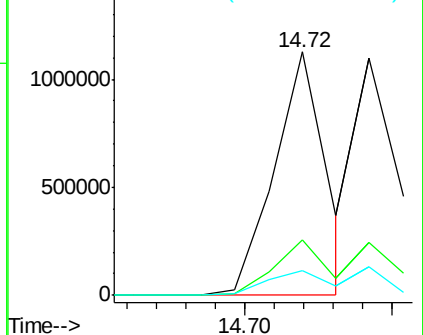
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9/7/2016 8:50:24 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.12 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF089990.D

Acq: 6 Sep 2016 15:09

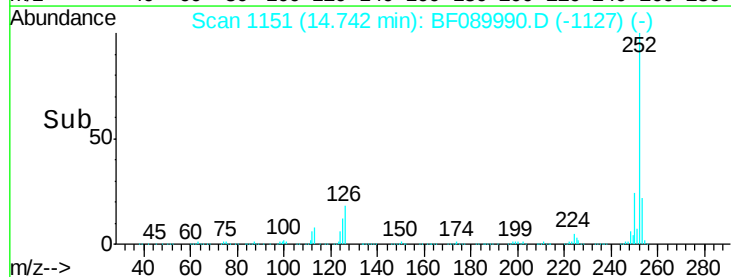
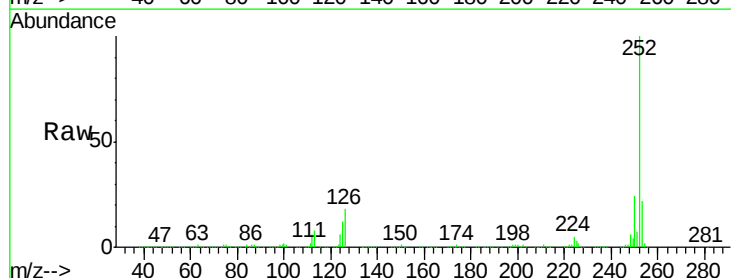
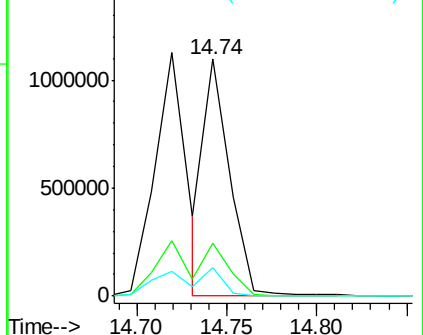
Tgt Ion: 252 Resp: 1108731

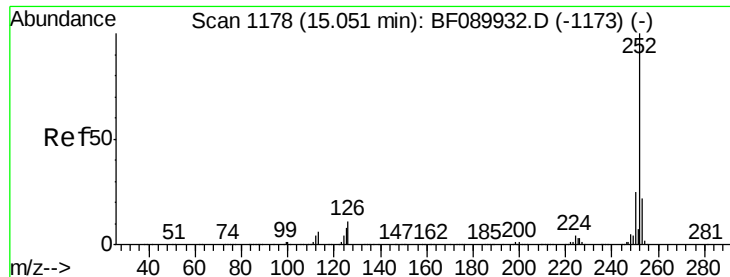
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.8  | 26.8  |
| 125 | 11.9  | 7.3   | 10.9# |

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





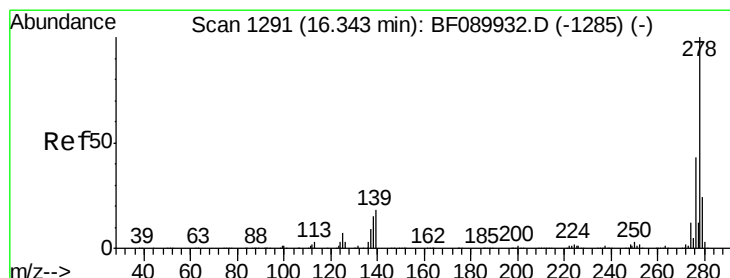
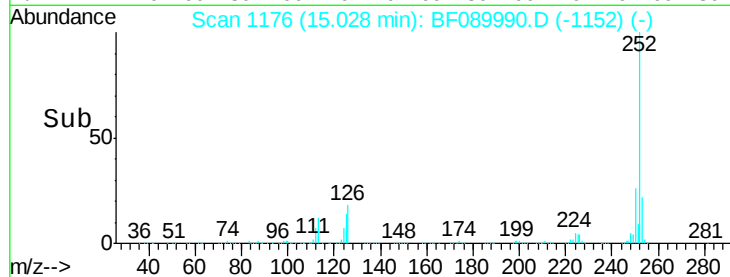
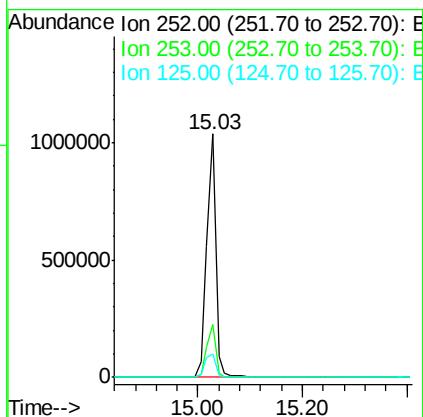
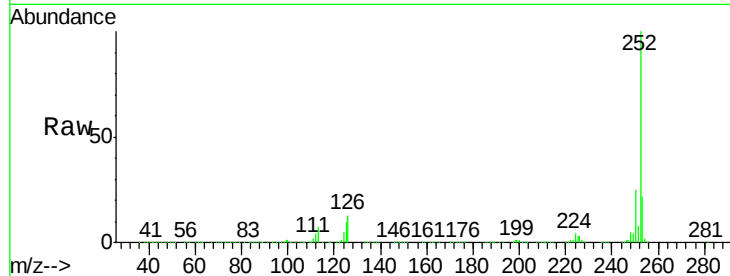
#89  
Benzo(a)pyrene  
Concen: 40.97 ng  
RT: 15.03 min Scan# 1176  
Delta R.T. -0.02 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.5  | 26.3  |
| 125     | 9.7   | 6.3   | 9.5#  |

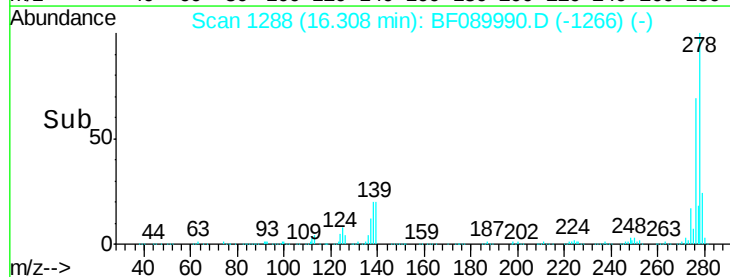
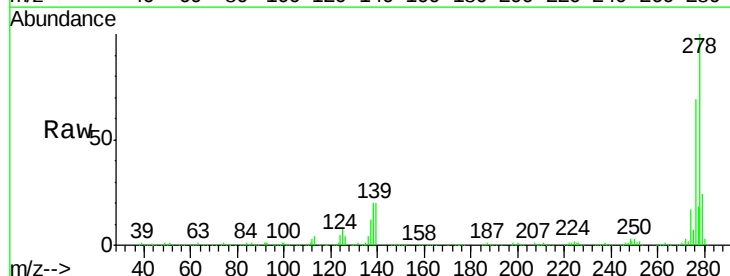
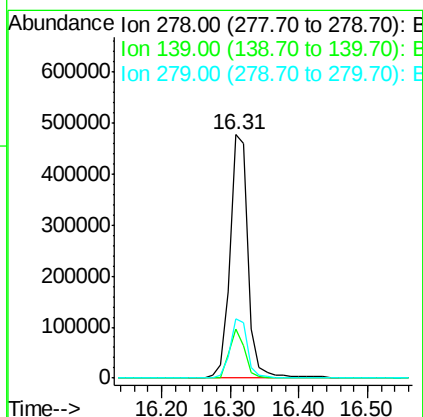
Manual Integrations  
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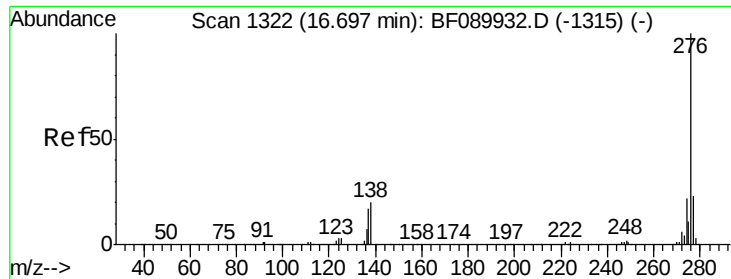
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9/7/2016 8:50:24 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 40.32 ng  
RT: 16.31 min Scan# 1288  
Delta R.T. -0.05 min  
Lab File: BF089990.D  
Acq: 6 Sep 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.1  | 13.4  | 20.2  |
| 279     | 24.5  | 19.4  | 29.2  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 39.82 ng  
 RT: 16.66 min Scan# 1319  
 Delta R.T. -0.05 min  
 Lab File: BF089990.D  
 Acq: 6 Sep 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 885767 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.2 | 19.0  | 28.4   |
| 138       | 24.2 | 16.4  | 24.6   |

Manual Integrations  
 APPROVED

sohil  
 9/7/2016 8:50:24 AM

