

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081616\  
 Data File : BF089732.D  
 Acq On : 16 Aug 2016 18:36  
 Operator : UM/SJ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

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 8/17/2016 5:58:21 AM

Quant Time: Aug 16 19:40:50 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 18:33:37 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.71  | 152  | 623297   | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 7.99  | 136  | 2492805  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.75  | 164  | 1202306  | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 11.22 | 188  | 2166737  | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 13.89 | 240  | 1344475  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.37 | 264  | 1174611  | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 4887636 | 62.75 | ng | 0.00 |
| 7) Phenol-d6             | 6.35  | 99  | 6682751 | 68.82 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 7.28  | 82  | 5956464 | 72.41 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.54 | 330 | 1759918 | 73.73 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 0.00  | 172 | 0d      | 0.00  | ng |      |
| 78) Terphenyl-d14        | 12.81 | 244 | 6871064 | 72.81 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.20 | 88  | 1402649  | 69.31  | ng | 98     |
| 3) Pyridine                    | 2.86 | 79  | 3849426  | 76.37  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.83 | 42  | 1579773  | 74.79  | ng | 82     |
| 6) Aniline                     | 6.38 | 93  | 4501668  | 67.08  | ng | 99     |
| 8) 2-Chlorophenol              | 6.49 | 128 | 3135349  | 72.97  | ng | 90     |
| 9) Benzaldehyde                | 6.25 | 77  | 2315930  | 70.57  | ng | 86     |
| 10) Phenol                     | 6.36 | 94  | 4290713  | 73.55  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 3327642  | 78.01  | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 3510044m | 75.45  | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 3223767  | 68.89  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.88 | 146 | 3075611m | 68.78  | ng |        |
| 15) Benzyl Alcohol             | 6.86 | 79  | 2040052  | 58.48  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 4135169  | 75.89  | ng | 93     |
| 17) 2-Methylphenol             | 6.97 | 107 | 2607872  | 72.82  | ng | 96     |
| 18) Hexachloroethane           | 7.22 | 117 | 1347377  | 76.93  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.14 | 70  | 2366361  | 74.88  | ng | 95     |
| 22) Acetophenone               | 7.13 | 105 | 4194264  | 70.55  | ng | # 90   |
| 24) Nitrobenzene               | 7.30 | 77  | 3772416  | 85.44  | ng | # 87   |
| 25) Isophorone                 | 7.54 | 82  | 6299658  | 76.58  | ng | 96     |
| 26) 2-Nitrophenol              | 7.61 | 139 | 1755746  | 85.78  | ng | # 83   |
| 27) 2,4-Dimethylphenol         | 7.66 | 122 | 2976165  | 73.09  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 3749539  | 71.71  | ng | # 93   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 2447883  | 70.73  | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 7.94 | 180 | 2791404  | 76.58  | ng | # 93   |
| 31) Naphthalene                | 8.02 | 128 | 7993239  | 71.26  | ng | 95     |
| 32) Benzoic acid               | 7.83 | 122 | 2753931  | 105.54 | ng | 97     |
| 33) 4-Chloroaniline            | 8.07 | 127 | 3618157  | 67.43  | ng | # 88   |
| 34) Hexachlorobutadiene        | 8.14 | 225 | 1358040  | 73.07  | ng | 100    |
| 35) Caprolactam                | 8.48 | 113 | 947957m  | 88.70  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107 | 2821506  | 78.24  | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.71 | 142 | 5201070m | 67.15  | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.88 | 216 | 2793043  | 83.07  | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.87 | 237 | 1323013  | 71.25  | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 8.98 | 196 | 1904652  | 78.98  | ng | 98     |

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 Misc :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 16 18:33:37 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.03  | 196  | 1892930  | 82.41 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.20  | 162  | 5439649  | 75.32 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.29  | 65   | 1777135  | 76.10 | ng    | 92       |
| 48) Acenaphthylene             | 9.61  | 152  | 7446986  | 65.50 | ng    | # 87     |
| 49) Dimethylphthalate          | 9.48  | 163  | 6060896  | 71.93 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 9.54  | 165  | 1508662  | 80.82 | ng    | 98       |
| 51) Acenaphthene               | 9.78  | 154  | 5156407  | 69.28 | ng    | 95       |
| 52) 3-Nitroaniline             | 9.70  | 138  | 1729072  | 71.43 | ng    | 100      |
| 54) Dibenzofuran               | 9.95  | 168  | 6160366  | 58.38 | ng    | # 94     |
| 55) 4-Nitrophenol              | 9.86  | 139  | 1294569  | 69.95 | ng    | 86       |
| 56) 2,4-Dinitrotoluene         | 9.94  | 165  | 2036938  | 84.49 | ng    | # 76     |
| 57) Fluorene                   | 10.30 | 166  | 5236538  | 69.19 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 1321576  | 66.60 | ng    | 92       |
| 59) Diethylphthalate           | 10.18 | 149  | 5748123  | 66.75 | ng    | 94       |
| 61) 4-Nitroaniline             | 10.33 | 138  | 1869077  | 87.44 | ng    | 98       |
| 62) Azobenzene                 | 10.44 | 77   | 5403240  | 57.90 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 1141682  | 98.24 | ng    | # 57     |
| 65) n-Nitrosodiphenylamine     | 10.41 | 169  | 4280393  | 61.17 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 10.78 | 248  | 1428852  | 64.41 | ng    | # 72     |
| 67) Hexachlorobenzene          | 10.83 | 284  | 1663702  | 66.81 | ng    | # 73     |
| 68) Atrazine                   | 10.95 | 200  | 1658225  | 80.60 | ng    | 97       |
| 69) Pentachlorophenol          | 11.03 | 266  | 1274731  | 84.90 | ng    | 98       |
| 70) Phenanthrene               | 11.24 | 178  | 6333345  | 58.92 | ng    | # 88     |
| 71) Anthracene                 | 11.30 | 178  | 7548512  | 67.12 | ng    | # 89     |
| 72) Carbazole                  | 11.45 | 167  | 6019759  | 56.17 | ng    | # 92     |
| 74) Fluoranthene               | 12.42 | 202  | 7303857  | 64.31 | ng    | 88       |
| 76) Benzidine                  | 12.56 | 184  | 4379494  | 95.11 | ng    | # 94     |
| 77) Pyrene                     | 12.65 | 202  | 7117350  | 82.58 | ng    | # 91     |
| 79) Butylbenzylphthalate       | 13.30 | 149  | 3722783  | 94.52 | ng    | 90       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 6245388  | 80.93 | ng    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 13.85 | 252  | 2365102  | 83.48 | ng    | 97       |
| 82) Chrysene                   | 13.92 | 228  | 4871446  | 70.27 | ng    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 13.91 | 149  | 5172526  | 93.45 | ng    | 94       |
| 84) Di-n-octyl phthalate       | 14.58 | 149  | 7331873  | 87.99 | ng    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.69 | 276  | 4919674  | 82.88 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 14.98 | 252  | 6379772m | 87.77 | ng    |          |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 4849347  | 79.53 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 16.71 | 278  | 4042804  | 84.43 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.07 | 276  | 4132505  | 85.14 | ng    | 99       |

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

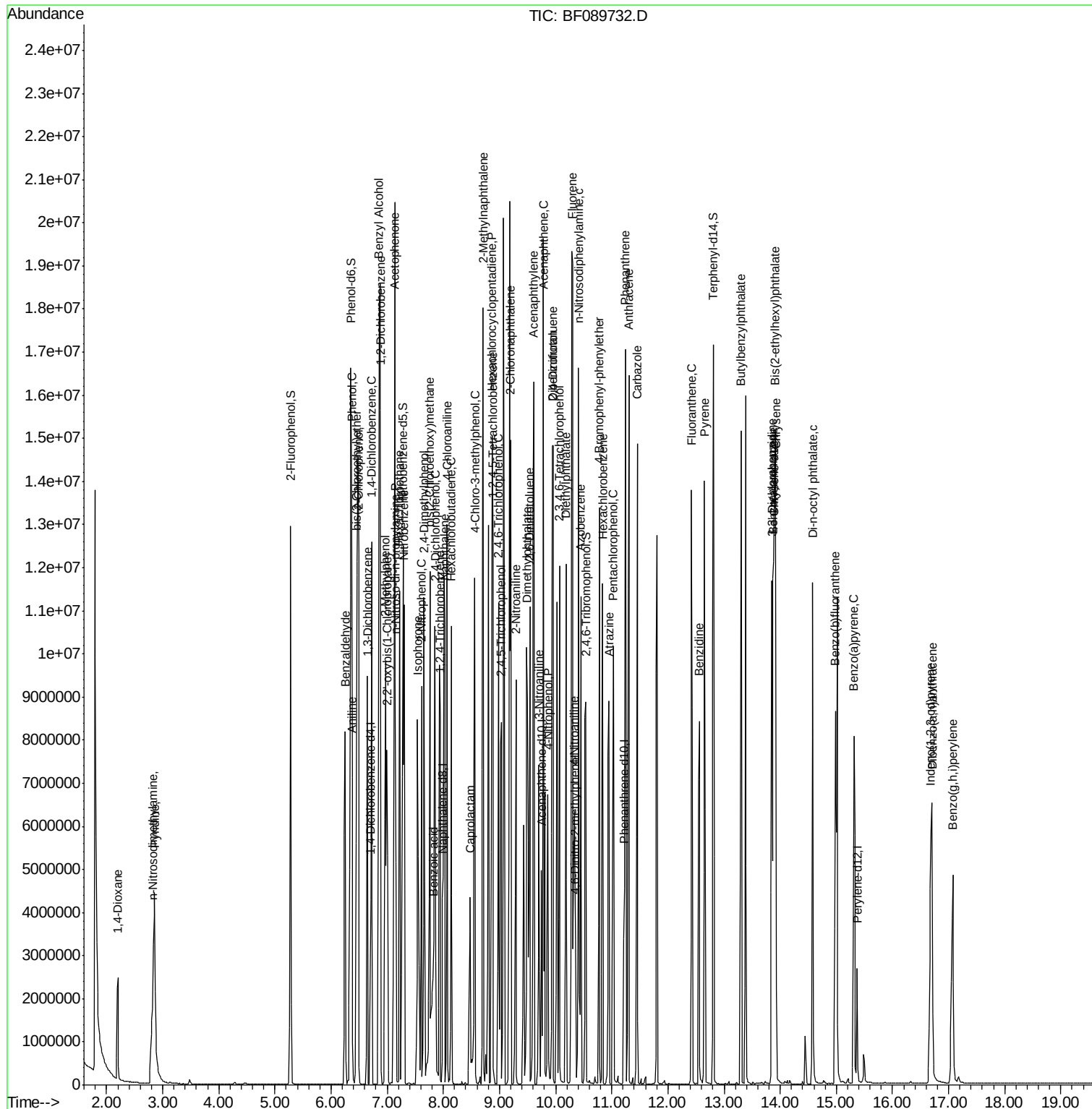
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\  
Data File : BF089732.D  
Acq On    : 16 Aug 2016   18:36  
Operator  : UM/SJ  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
```

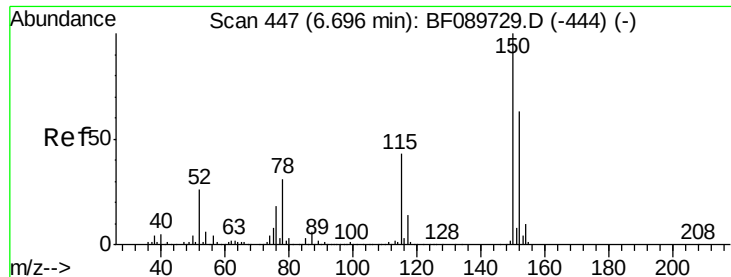
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC080

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

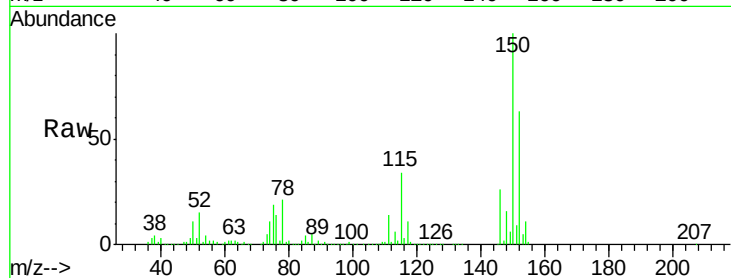
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SSTDIC080

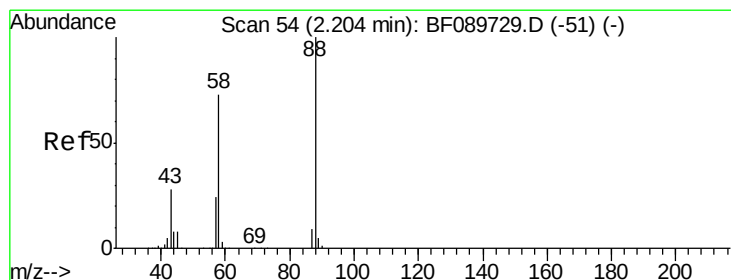
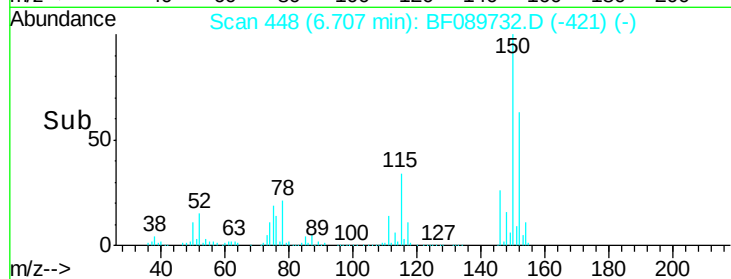
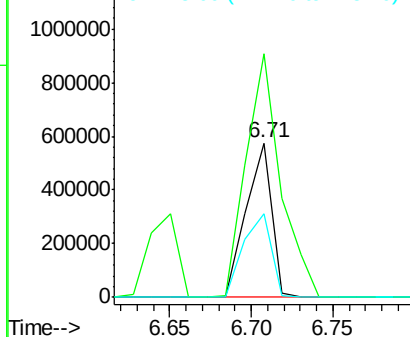
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 623297 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 157.6 | 125.3 | 187.9  |
| 115       | 54.2  | 40.9  | 61.3   |

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



#2

1,4-Dioxane

Concen: 69.31 ng

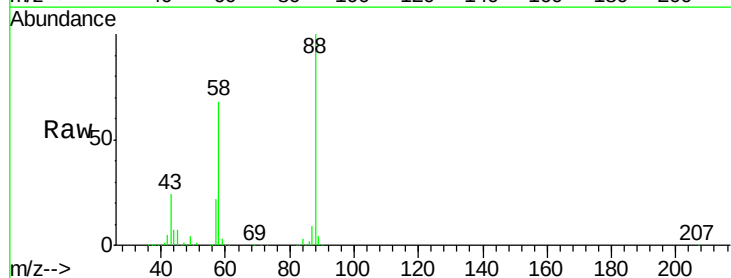
RT: 2.20 min Scan# 54

Delta R.T. 0.00 min

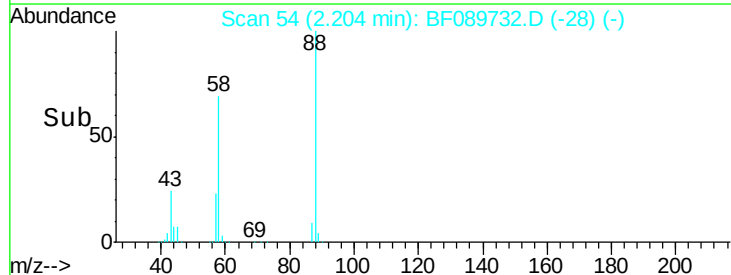
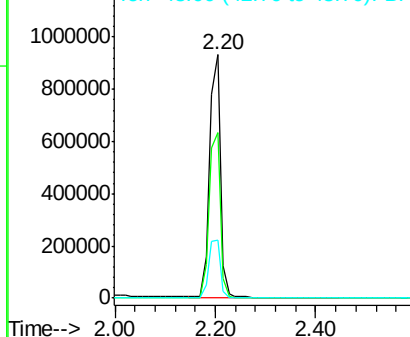
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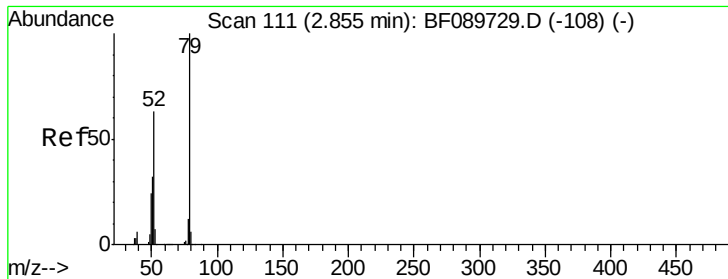
Acq: 16 Aug 2016 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 88    | Resp: | 1402649 |
| Ion Ratio | Lower | Upper |         |
| 88        | 100   |       |         |
| 58        | 69.9  | 57.0  | 85.4    |
| 43        | 25.5  | 21.8  | 32.8    |



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





#3

Pyridine

Concen: 76.37 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 3849426

Ion Ratio Lower Upper

79 100

52 63.4 53.6 80.4

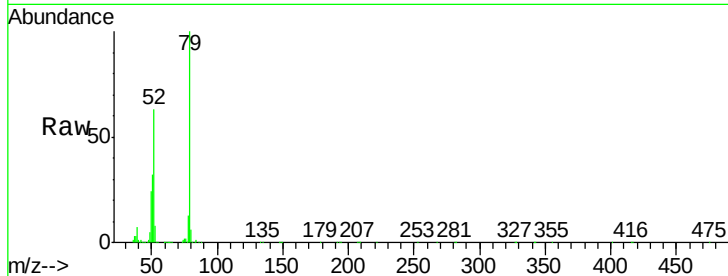
51 31.8 26.6 39.8

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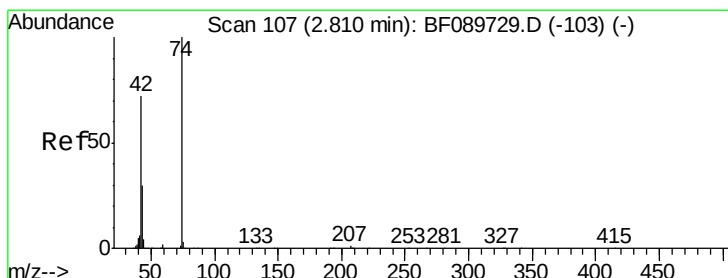
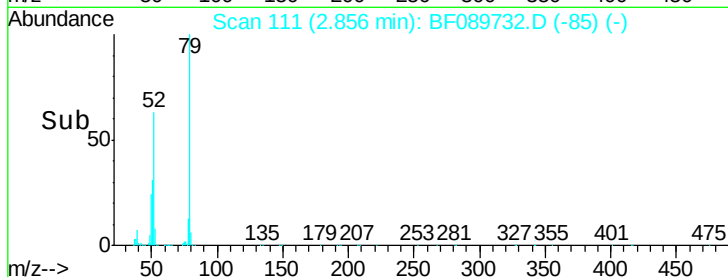
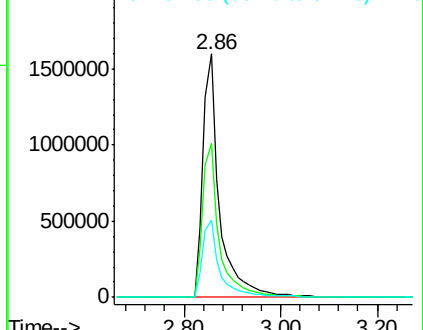
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 74.79 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

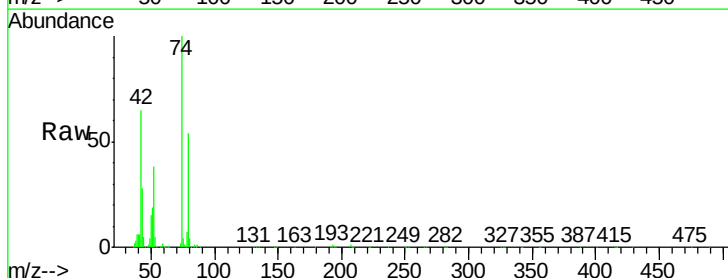
Tgt Ion: 42 Resp: 1579773

Ion Ratio Lower Upper

42 100

74 154.8 106.2 159.2

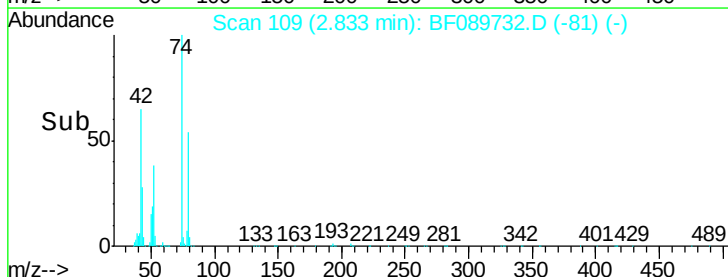
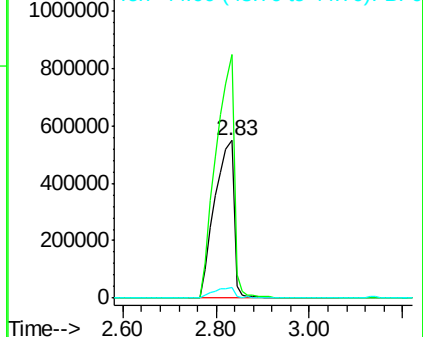
44 7.0 6.9 10.3

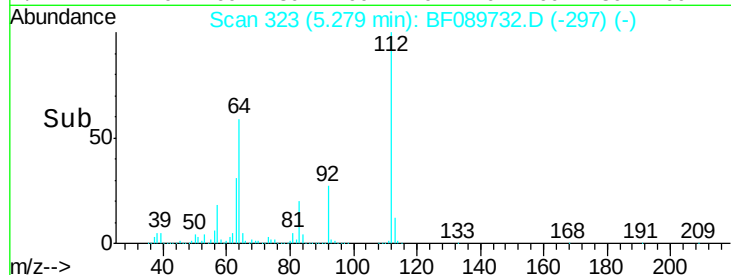
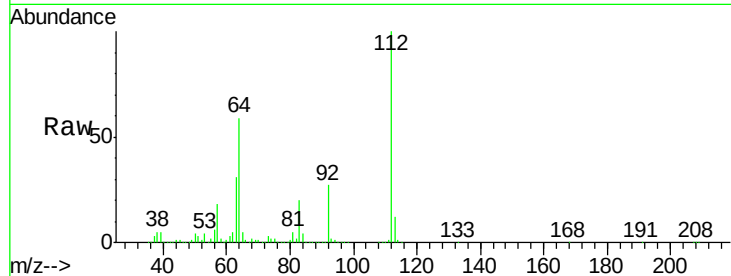
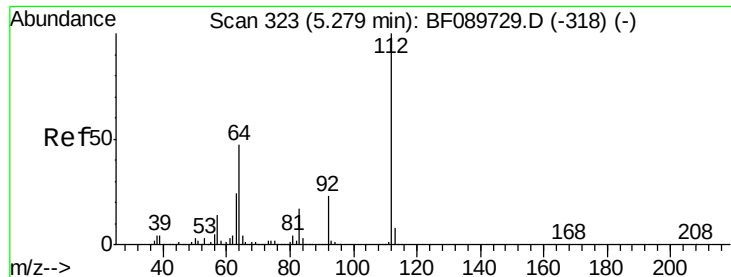


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 62.75 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 4887636 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 59.2  | 45.0  | 67.4    |
| 63       | 30.7  | 23.1  | 34.7    |

Instrument :

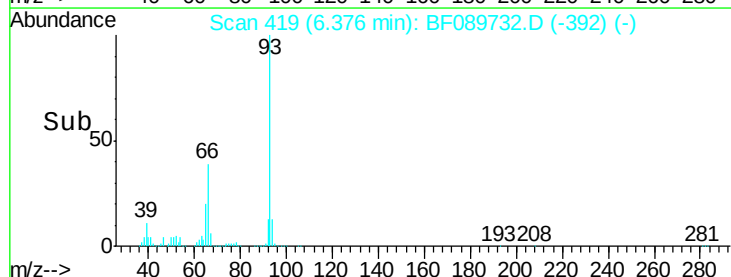
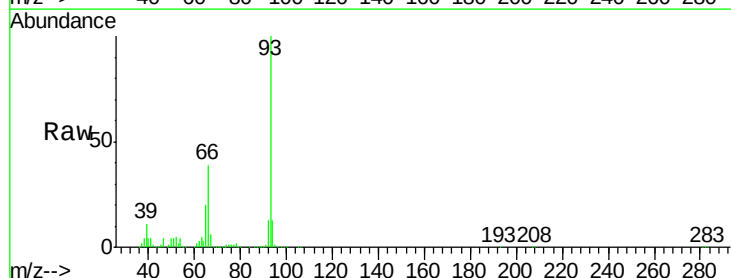
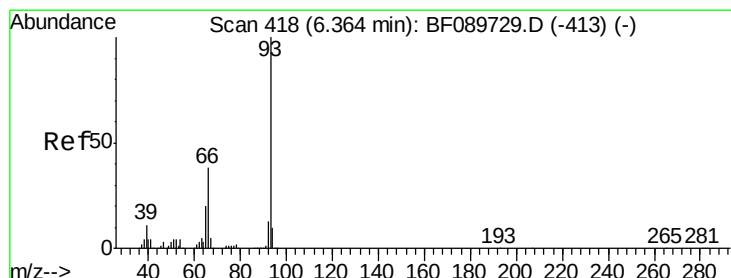
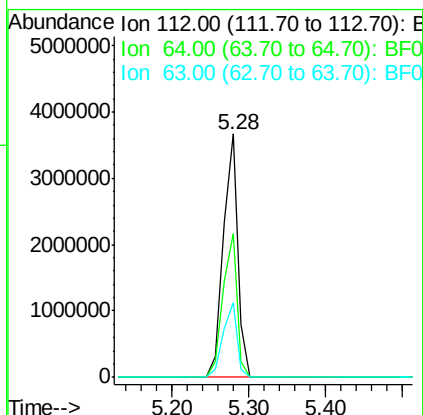
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SSTDICC080

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#6

Aniline

Concen: 67.08 ng

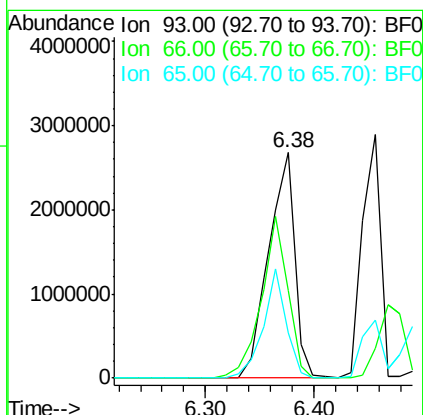
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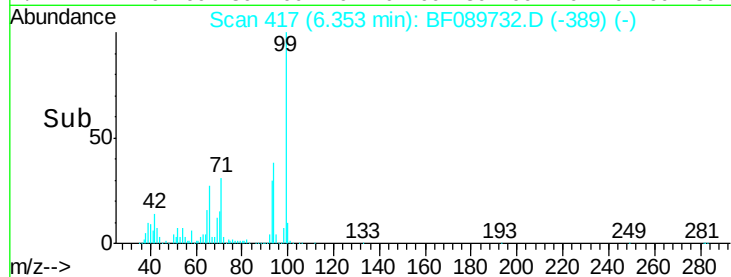
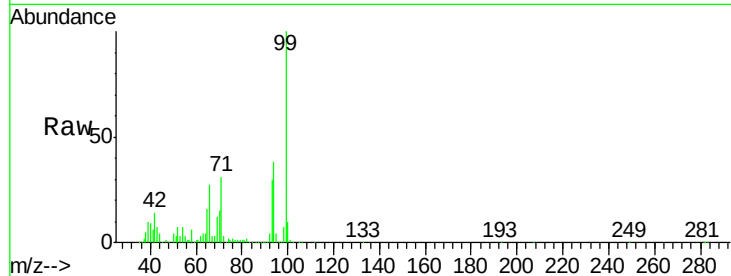
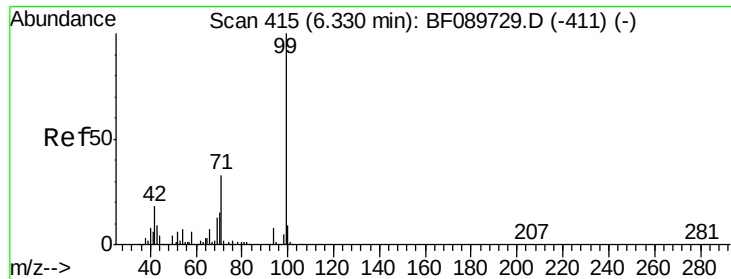
Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 4501668 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 39.0  | 30.6  | 46.0    |
| 65       | 20.1  | 15.4  | 23.2    |





#7

Phenol-d6

Concen: 68.82 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 6682751 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 14.5  | 12.2  | 18.4    |
| 71       | 31.3  | 23.8  | 35.8    |

Instrument :

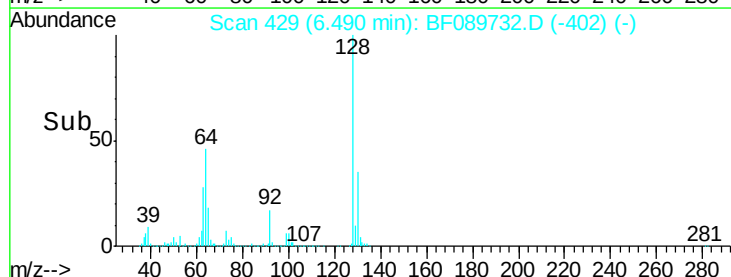
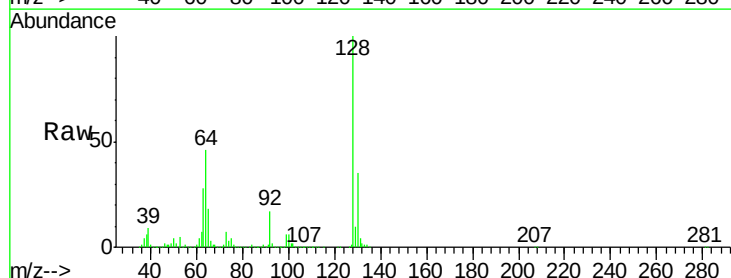
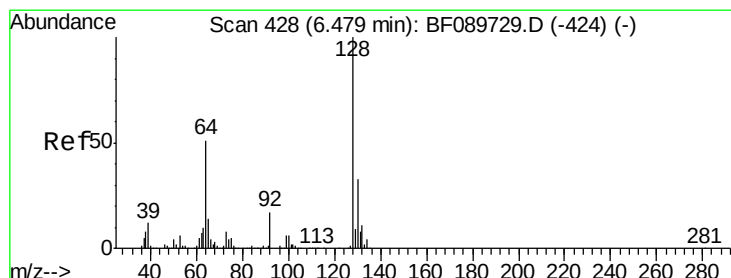
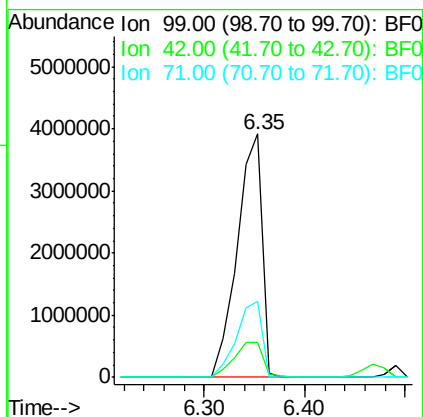
BNA\_F

ClientSampleId :

SSTDICC080

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#8

2-Chlorophenol

Concen: 72.97 ng

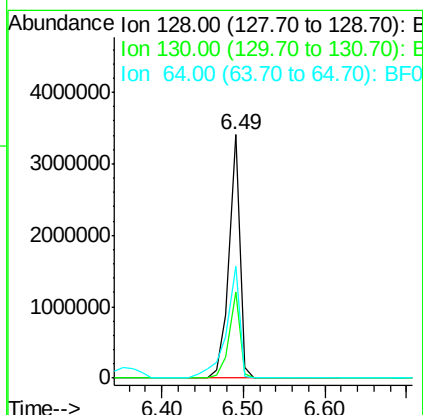
RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

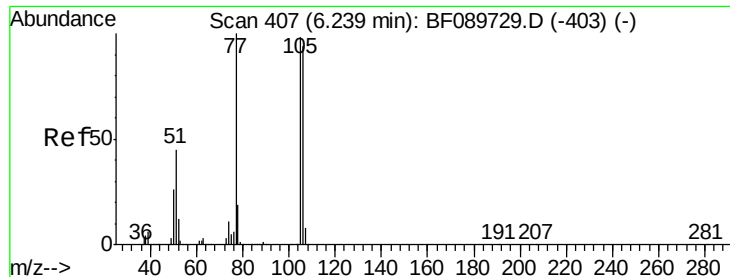
Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 3135349 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 130      | 35.3  | 12.0  | 52.0    |
| 64       | 45.8  | 35.1  | 75.1    |







#9

Benzaldehyde

Concen: 70.57 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 2315930

Ion Ratio Lower Upper

77 100

105 106.2 73.3 113.3

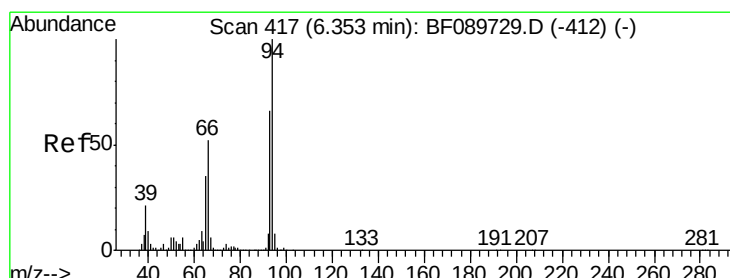
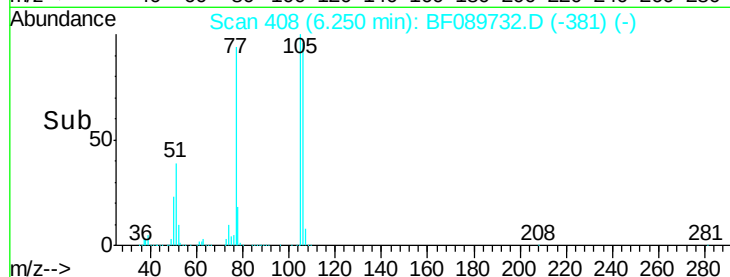
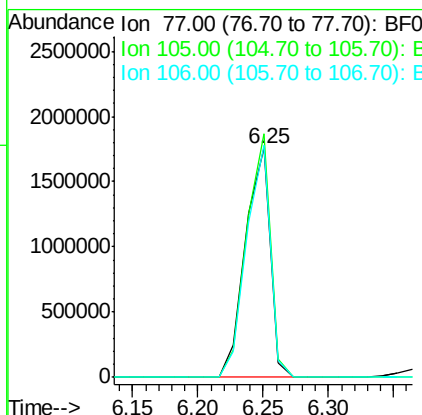
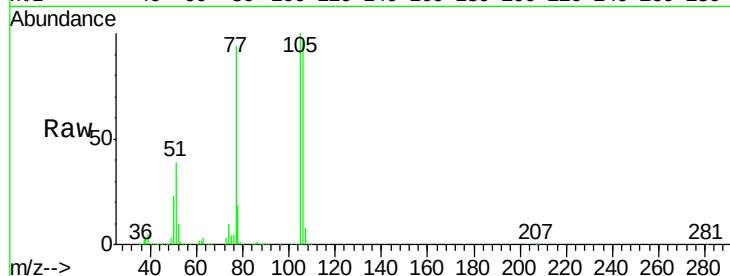
106 101.5 68.6 108.6

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#10

Phenol

Concen: 73.55 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

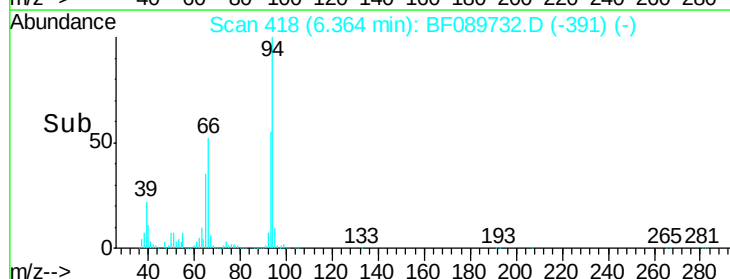
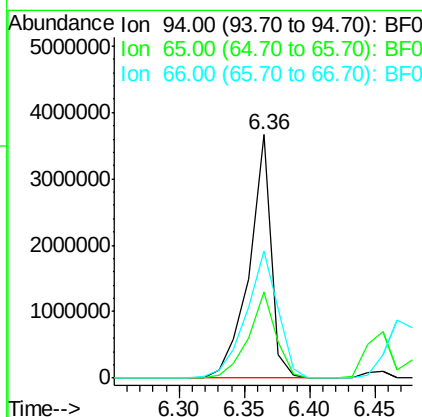
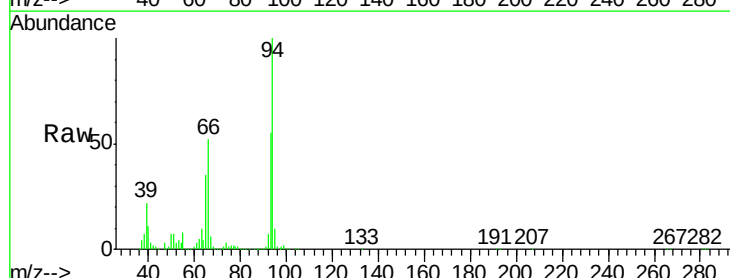
Tgt Ion: 94 Resp: 4290713

Ion Ratio Lower Upper

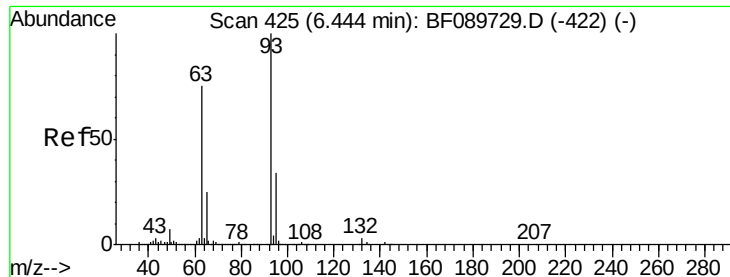
94 100

65 35.4 14.0 54.0

66 52.3 31.2 71.2







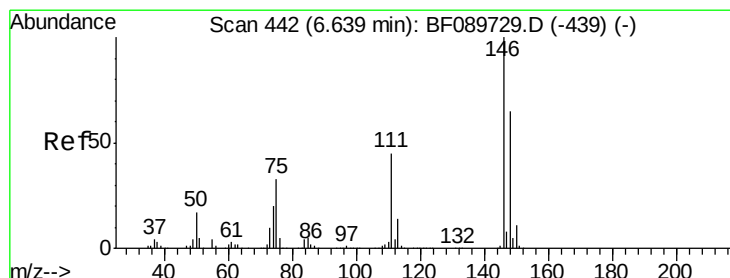
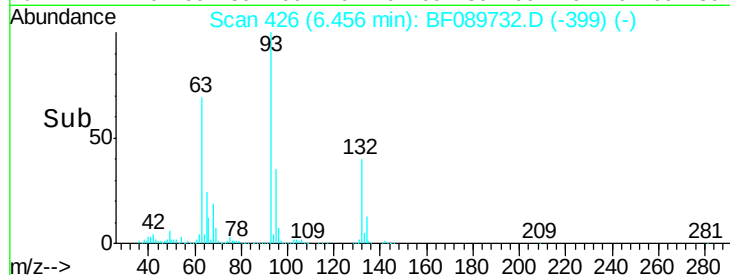
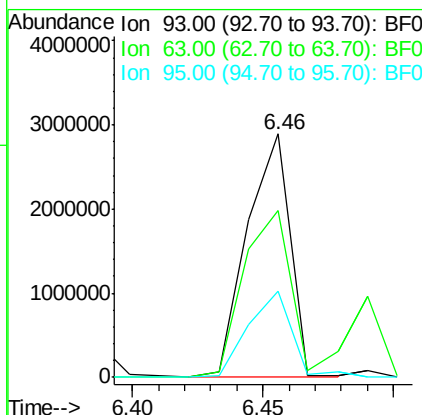
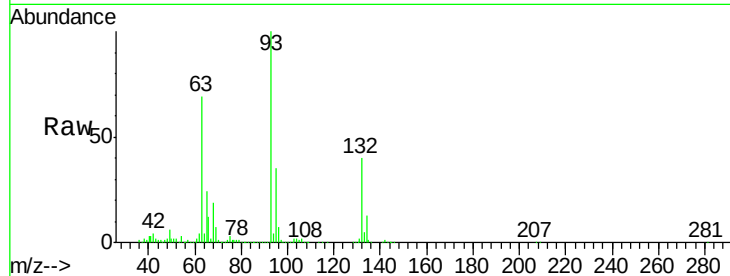
#11  
bis(2-Chloroethyl)ether  
Concen: 78.01 ng  
RT: 6.46 min Scan# 426  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion: 93 Resp: 3327642  
Ion Ratio Lower Upper  
93 100  
63 68.6 55.8 95.8  
95 35.3 13.0 53.0

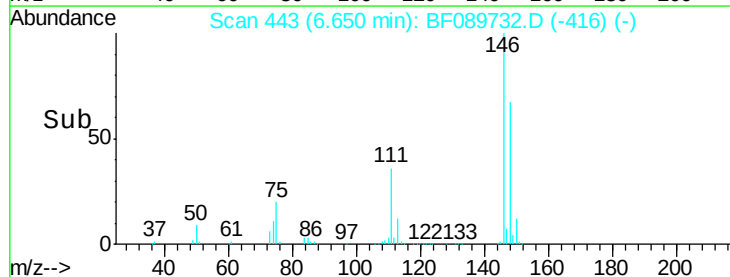
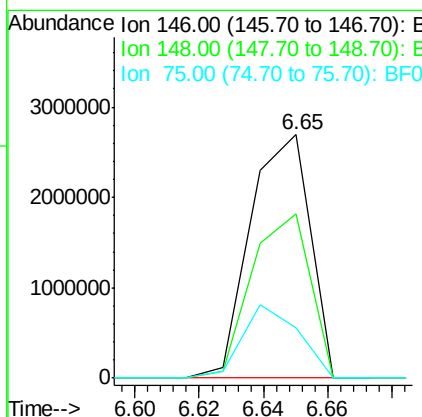
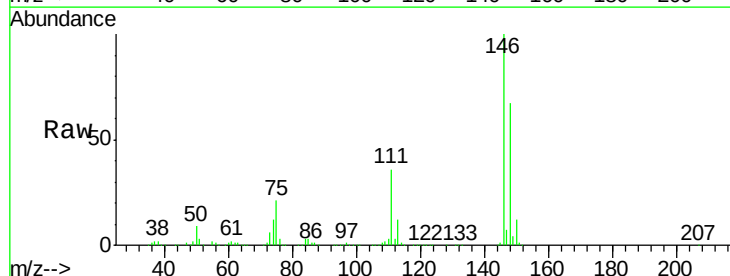
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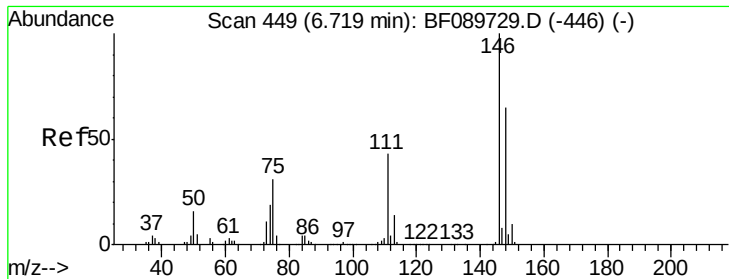
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#12  
1,3-Dichlorobenzene  
Concen: 75.45 ng m  
RT: 6.65 min Scan# 443  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 146 Resp: 3510044  
Ion Ratio Lower Upper  
146 100  
148 67.2 51.0 76.4  
75 20.8 27.0 40.6#





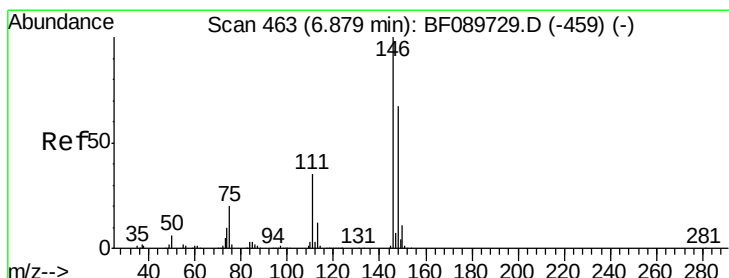
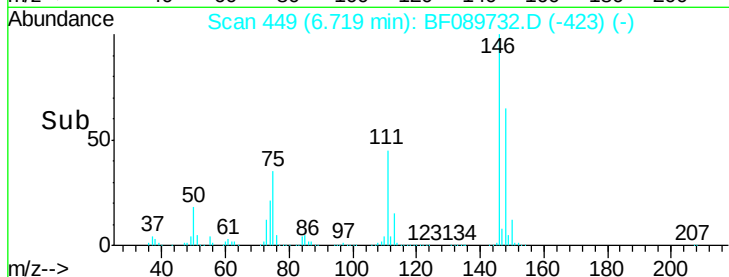
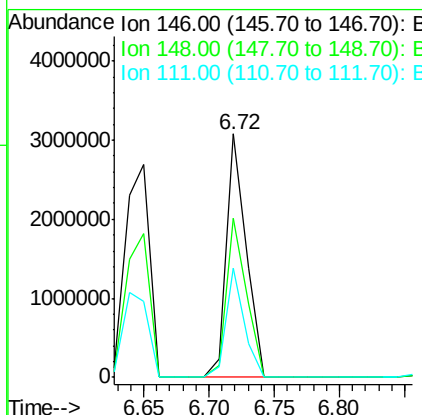
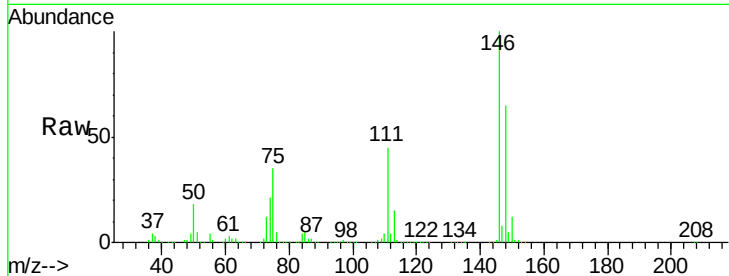
#13  
 1,4-Dichlorobenzene  
 Concen: 68.89 ng  
 RT: 6.72 min Scan# 449  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:146 Resp: 3223767  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 51.0 76.6  
 111 45.0 34.6 52.0

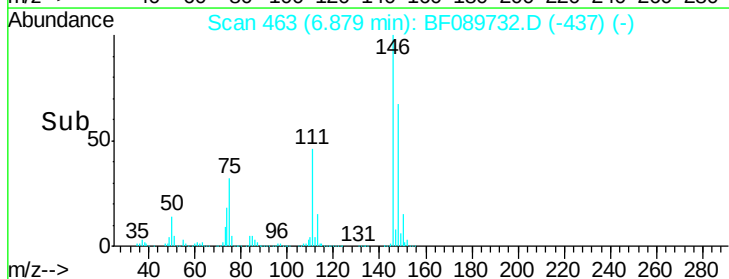
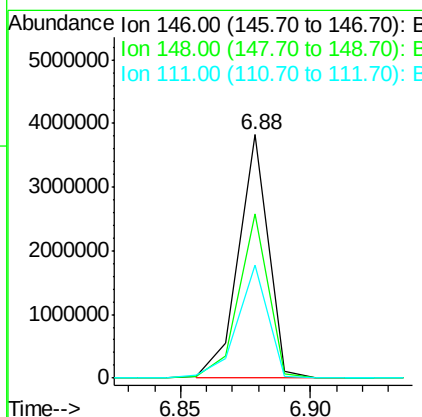
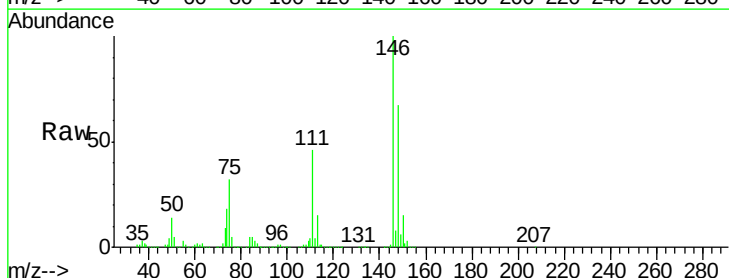
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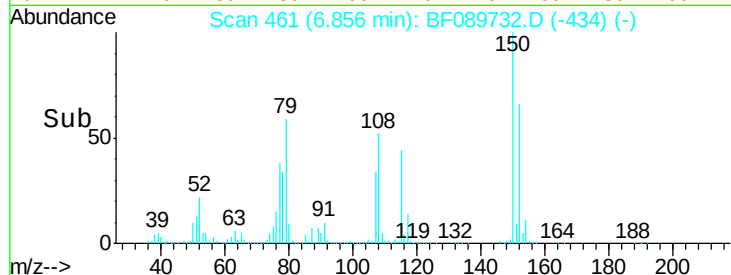
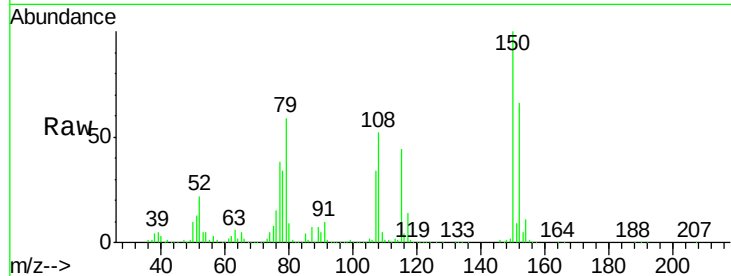
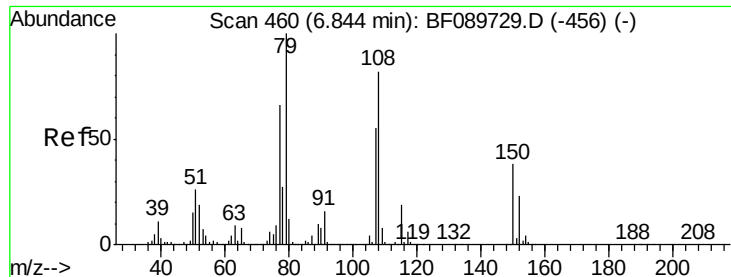
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#14  
 1,2-Dichlorobenzene  
 Concen: 68.78 ng m  
 RT: 6.88 min Scan# 463  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Tgt Ion:146 Resp: 3075611  
 Ion Ratio Lower Upper  
 146 100  
 148 67.3 52.2 78.2  
 111 46.2 29.8 44.6#





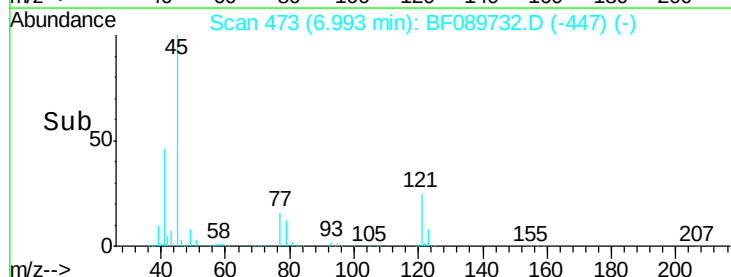
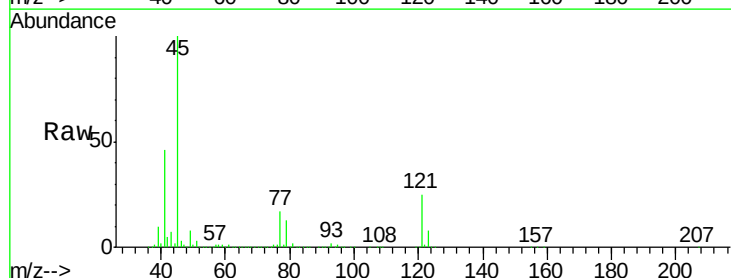
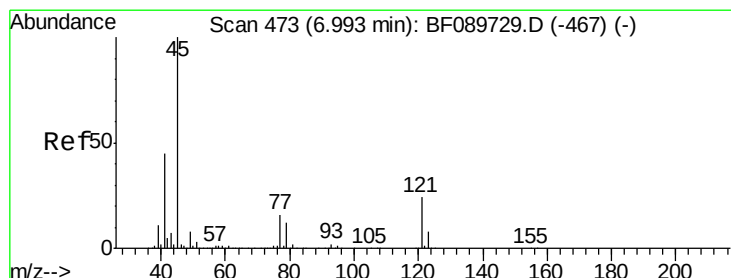
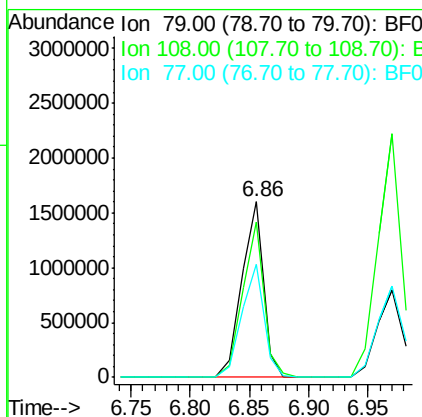
#15  
Benzyl Alcohol  
Concen: 58.48 ng  
RT: 6.86 min Scan# 461  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 79 Resp: 2040052  
Ion Ratio Lower Upper  
79 100  
108 88.3 62.5 93.7  
77 64.8 51.5 77.3

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

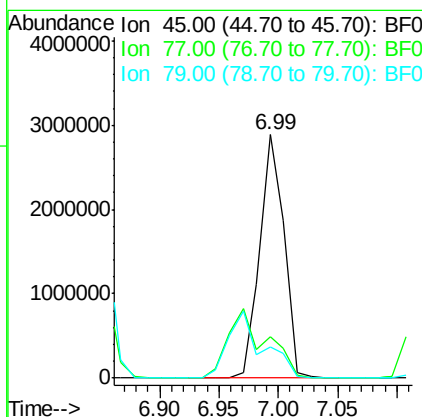
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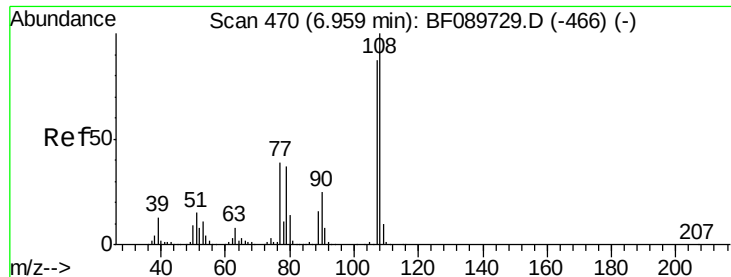
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 75.89 ng  
RT: 6.99 min Scan# 473  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 45 Resp: 4135169  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 33.5  
79 12.6 0.0 30.7





#17

2-Methylphenol

Concen: 72.82 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 2607872

Ion Ratio Lower Upper

107 100

108 115.5 91.0 136.4

77 43.1 37.4 56.0

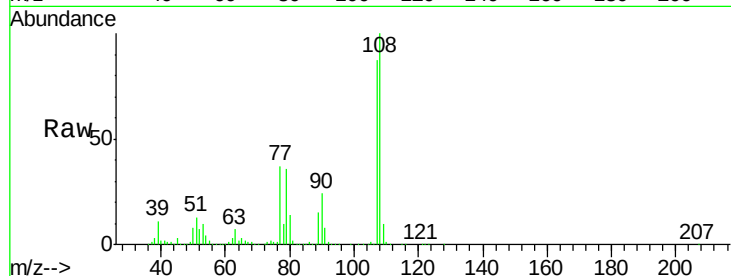
79 41.4 36.6 55.0

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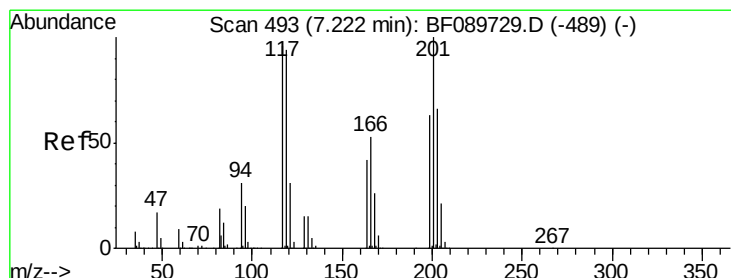
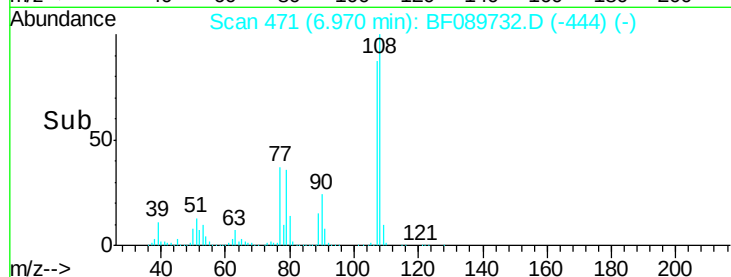
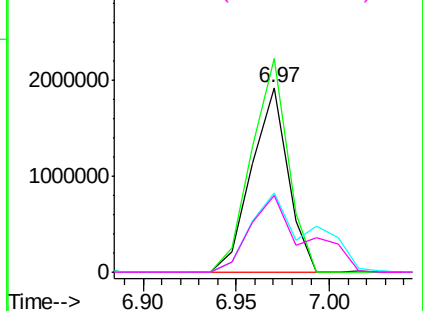


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 76.93 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

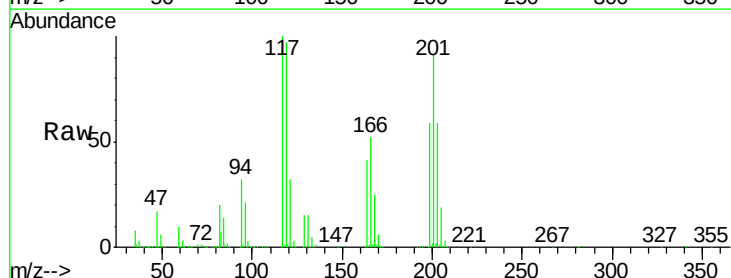
Tgt Ion:117 Resp: 1347377

Ion Ratio Lower Upper

117 100

119 96.5 77.1 115.7

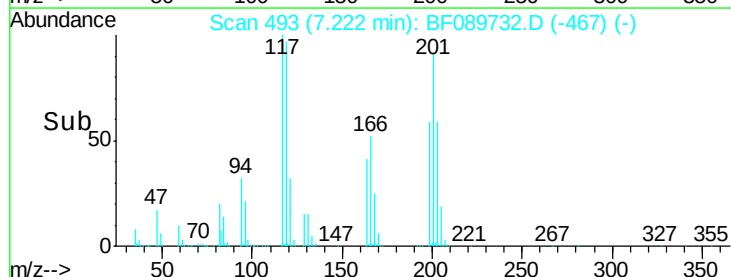
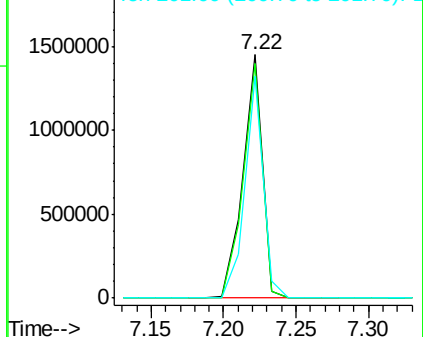
201 91.3 76.9 115.3

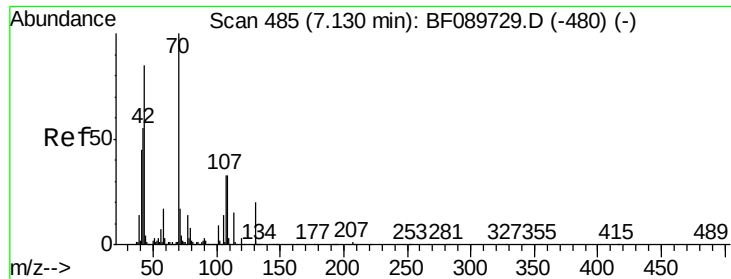


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





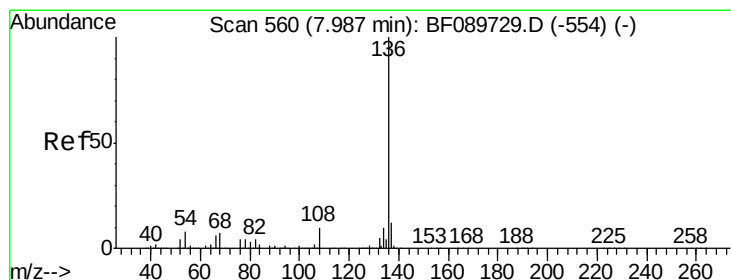
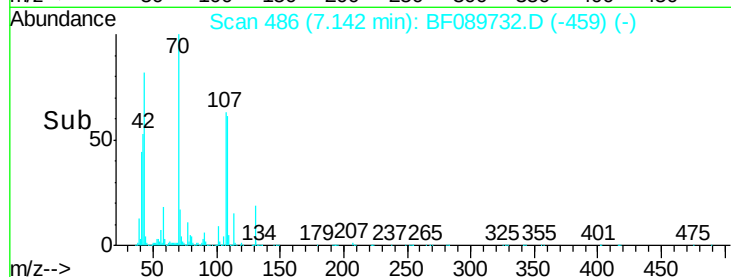
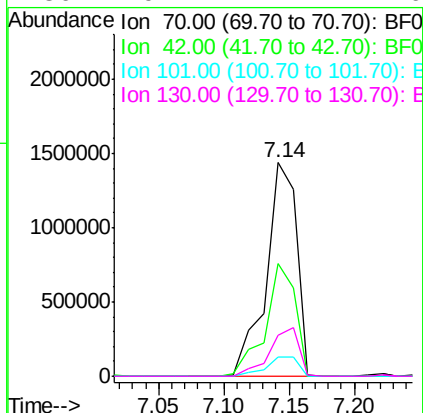
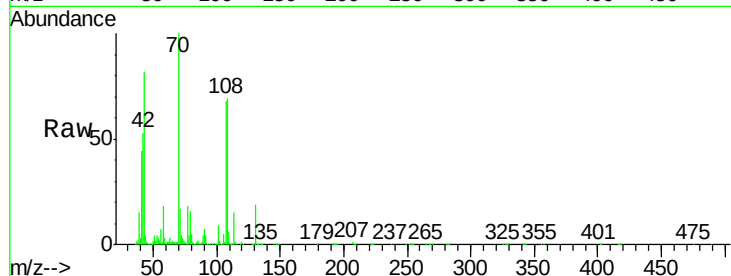
#19  
n-Nitroso-di-n-propylamine  
Concen: 74.88 ng  
RT: 7.14 min Scan# 486  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 52.9 | 46.3  | 69.5  |       |
| 101     | 9.1  | 7.0   | 10.6  |       |
| 130     | 19.4 | 14.4  | 21.6  |       |

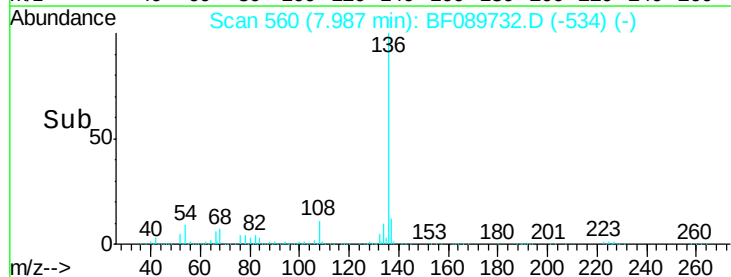
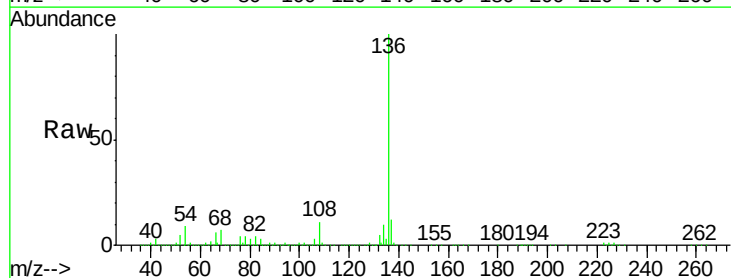
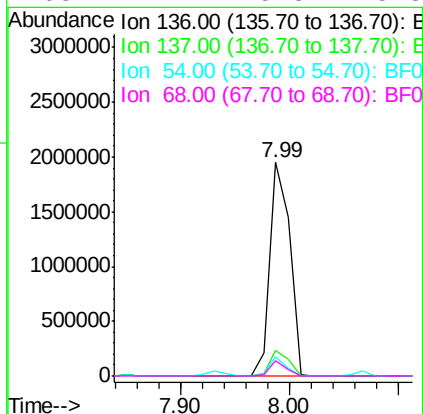
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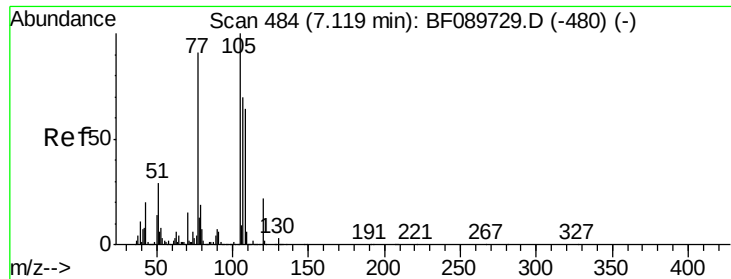
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.99 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 136     | 100  |       |       |       |
| 137     | 12.1 | 9.2   | 13.8  |       |
| 54      | 8.8  | 7.2   | 10.8  |       |
| 68      | 7.4  | 5.8   | 8.8   |       |





#22

Acetophenone

Concen: 70.55 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

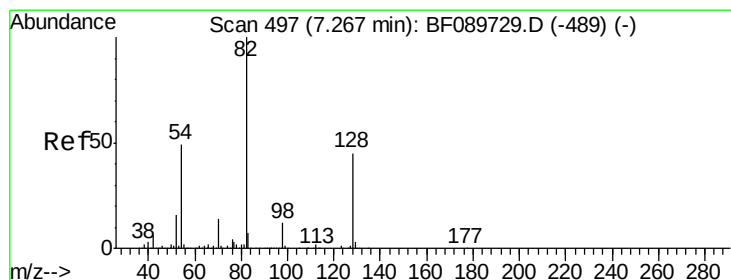
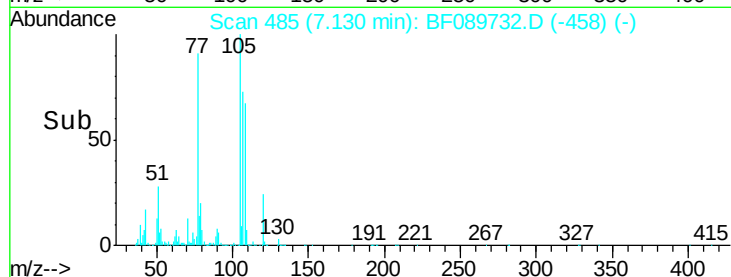
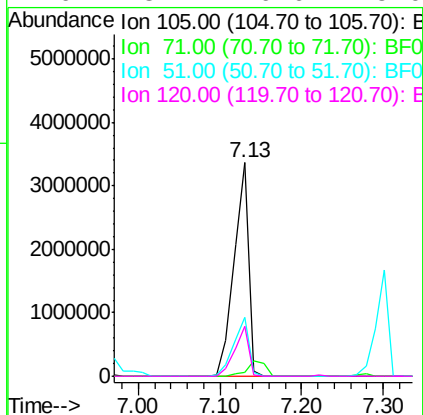
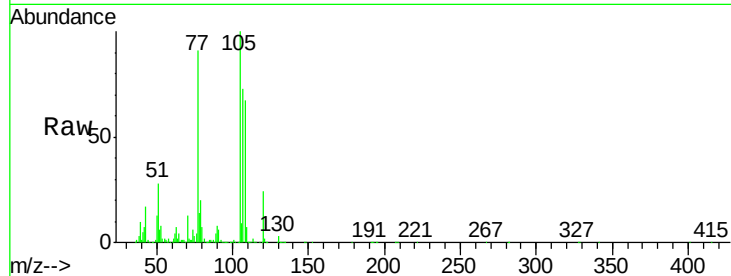
ClientSampleId :

SSTDICC080

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 4194264 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 71        | 2.1   | 1.9   | 2.9     |
| 51        | 27.6  | 28.5  | 42.7    |
| 120       | 23.7  | 16.6  | 25.0    |

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#23

Nitrobenzene-d5

Concen: 72.41 ng

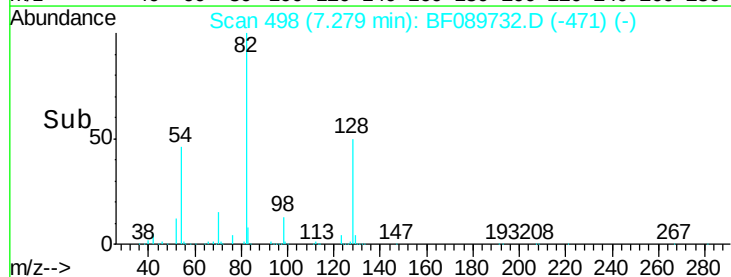
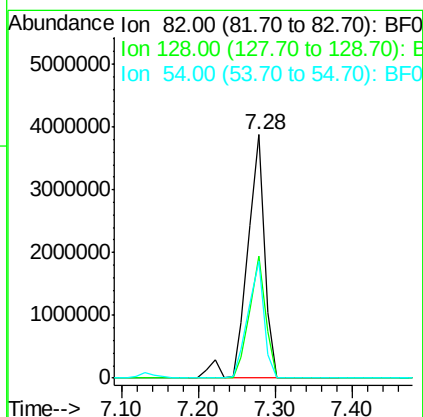
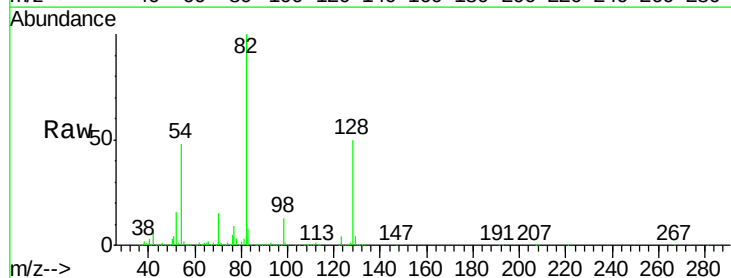
RT: 7.28 min Scan# 498

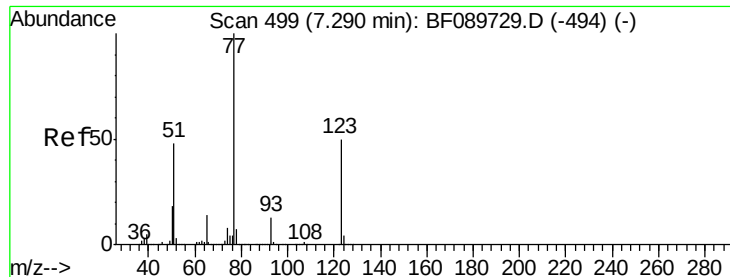
Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 5956464 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 50.0  | 34.4  | 51.6    |
| 54        | 47.9  | 40.3  | 60.5    |





#24

Nitrobenzene

Concen: 85.44 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 3772416

Ion Ratio Lower Upper

77 100

123 55.3 36.2 54.2#

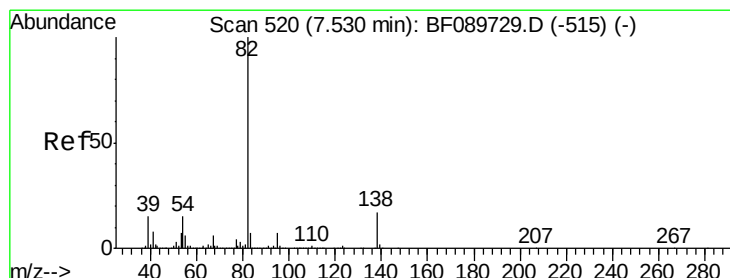
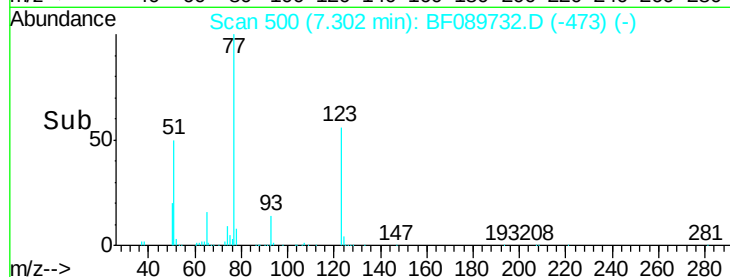
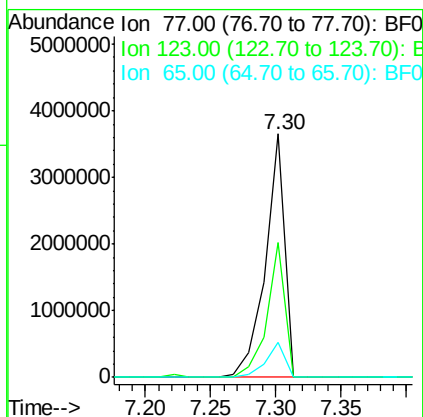
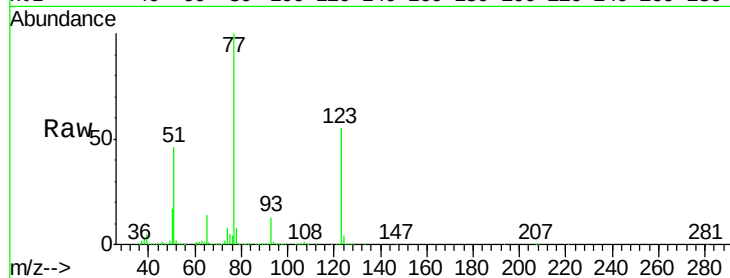
65 14.3 10.6 15.8

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#25

Isophorone

Concen: 76.58 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

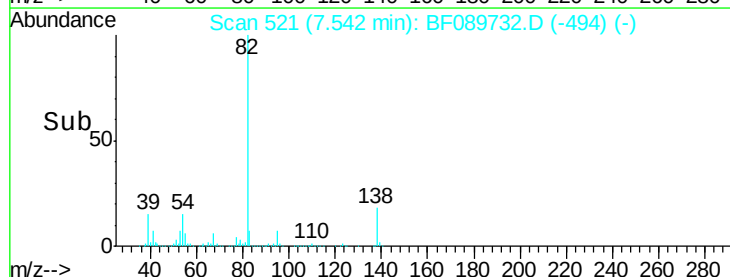
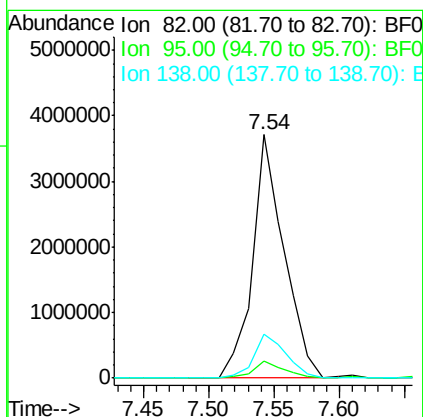
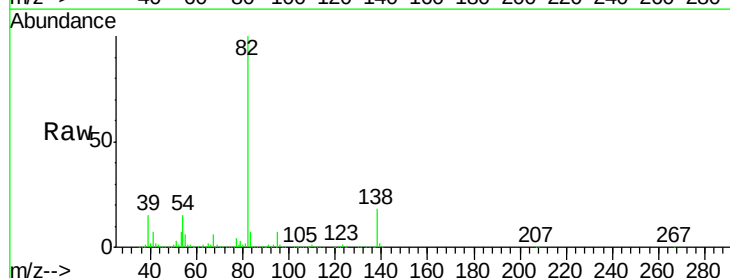
Tgt Ion: 82 Resp: 6299658

Ion Ratio Lower Upper

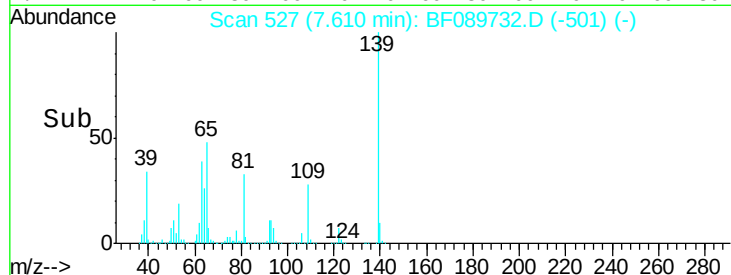
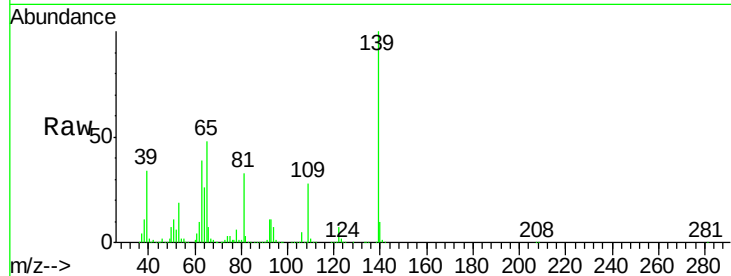
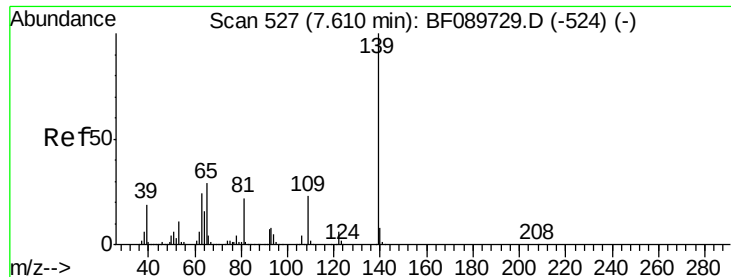
82 100

95 7.1 5.3 7.9

138 18.2 13.0 19.4







#26

2-Nitrophenol

Concen: 85.78 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 139   | Resp: | 1755746 |
| Ion      | Ratio | Lower | Upper   |
| 139      | 100   |       |         |
| 109      | 27.5  | 19.5  | 29.3    |
| 65       | 47.6  | 26.5  | 39.7    |

Instrument :

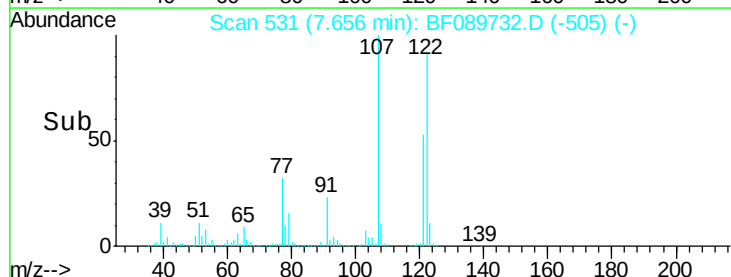
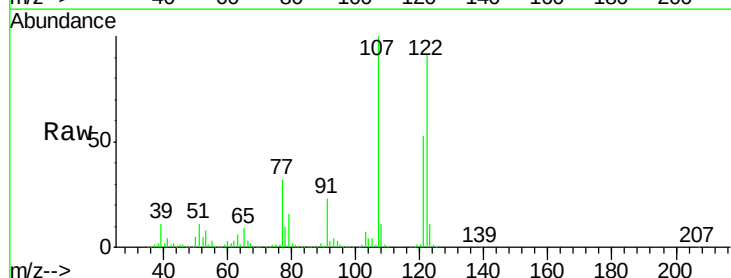
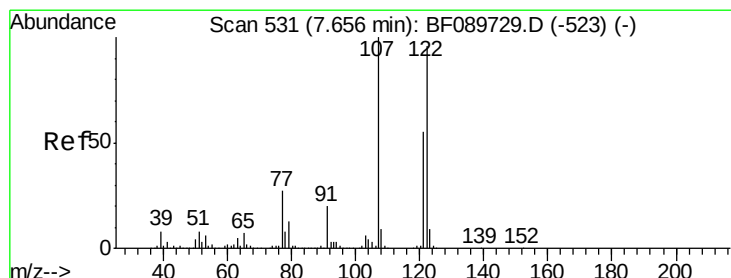
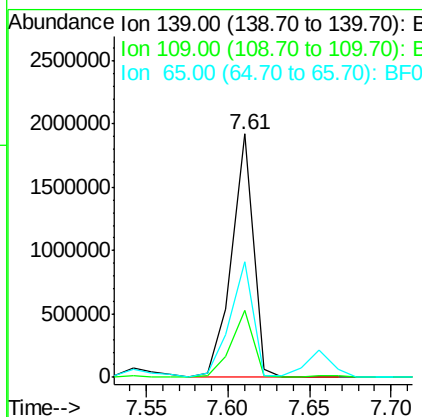
BNA\_F

ClientSampleId :

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#27

2,4-Dimethylphenol

Concen: 73.09 ng

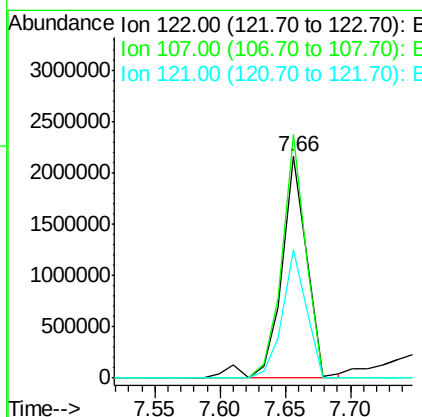
RT: 7.66 min Scan# 531

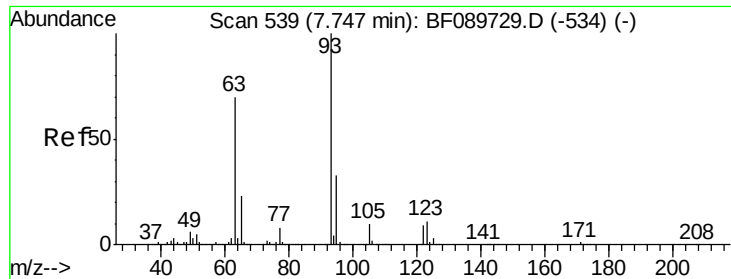
Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 122   | Resp: | 2976165 |
| Ion      | Ratio | Lower | Upper   |
| 122      | 100   |       |         |
| 107      | 110.0 | 84.8  | 127.2   |
| 121      | 57.9  | 47.0  | 70.6    |





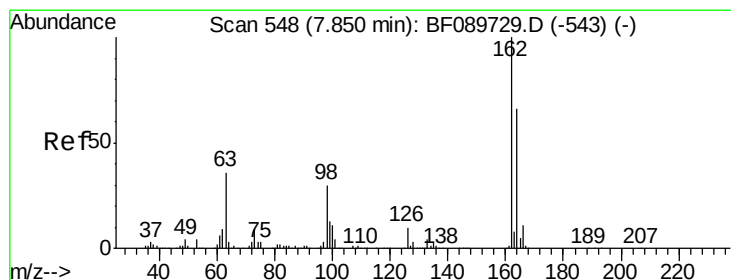
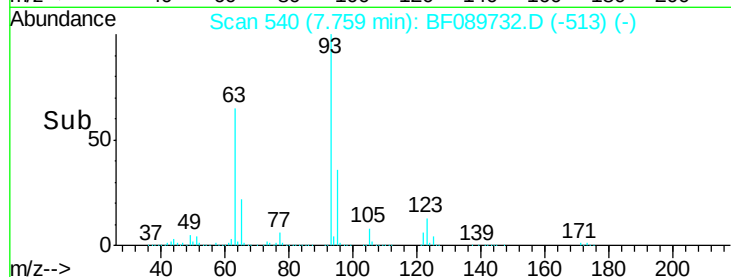
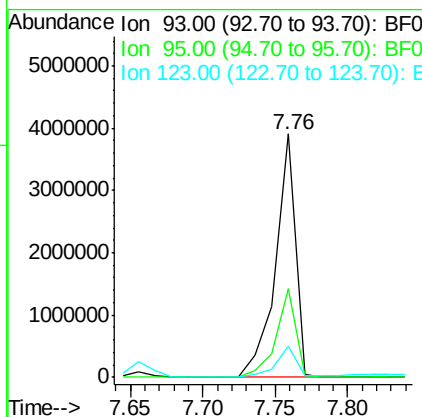
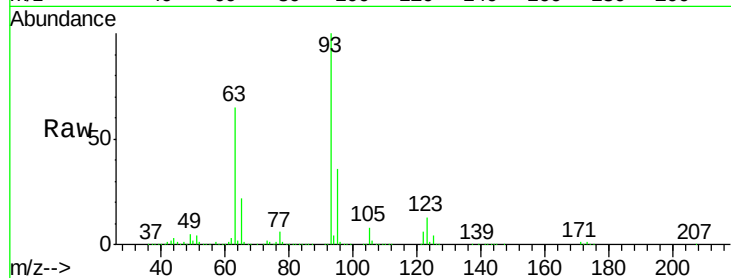
#28  
bis(2-Chloroethoxy)methane  
Concen: 71.71 ng  
RT: 7.76 min Scan# 540  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 93 Resp: 3749539  
Ion Ratio Lower Upper  
93 100  
95 36.2 25.5 38.3  
123 12.8 8.5 12.7#

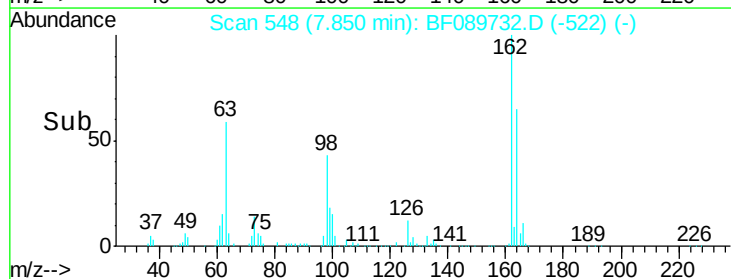
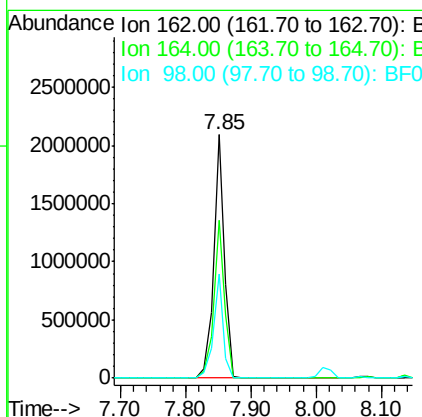
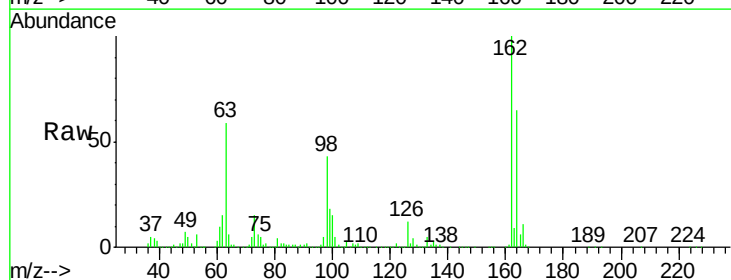
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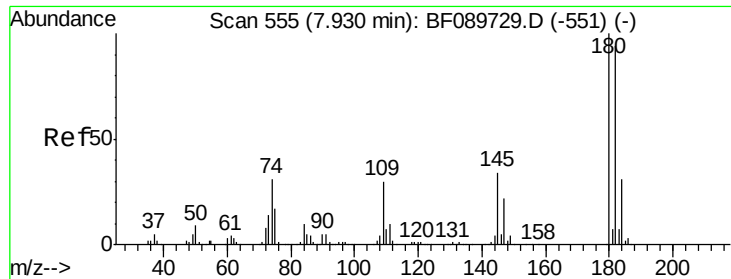
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#29  
2,4-Dichlorophenol  
Concen: 70.73 ng  
RT: 7.85 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 162 Resp: 2447883  
Ion Ratio Lower Upper  
162 100  
164 64.6 45.5 85.5  
98 42.8 12.4 52.4





#30

1,2,4-Trichlorobenzene

Concen: 76.58 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

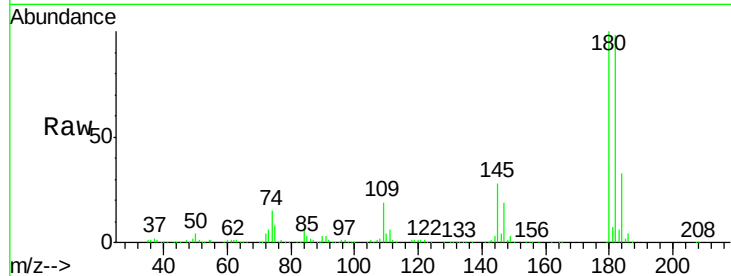
ClientSampleId :

SSTDICC080

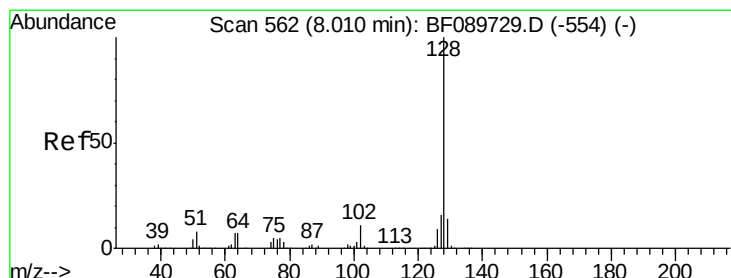
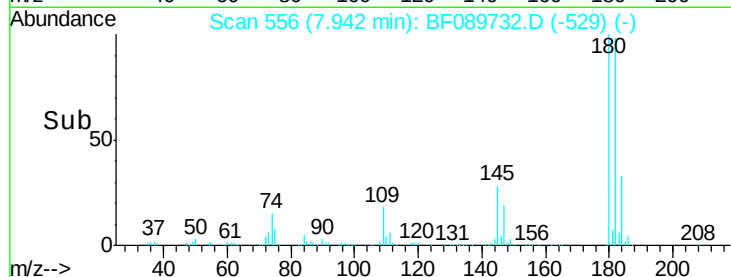
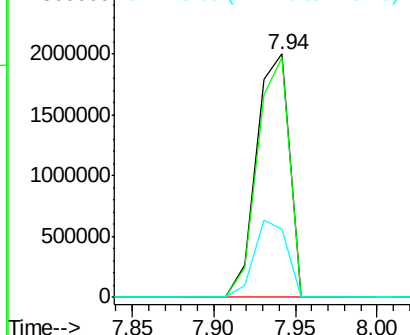
Tgt Ion:180 Resp: 2791404  
 Ion Ratio Lower Upper  
 180 100  
 182 98.5 75.5 113.3  
 145 28.2 28.7 43.1#

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



#31

Naphthalene

Concen: 71.26 ng

RT: 8.02 min Scan# 563

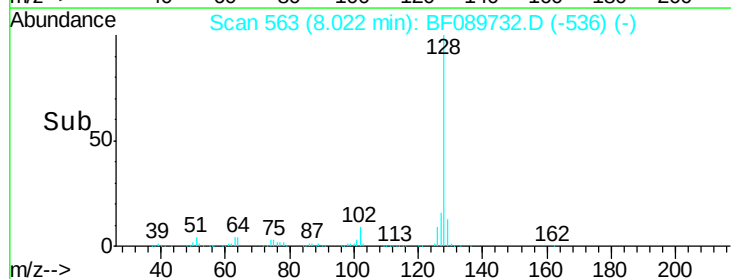
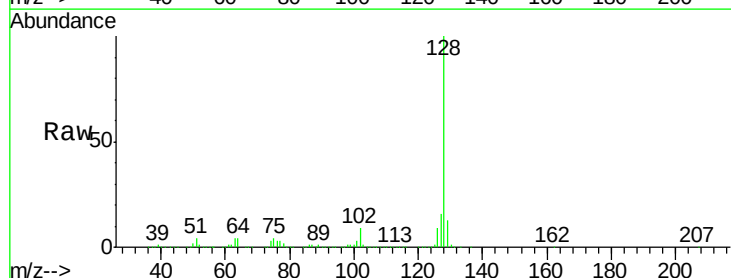
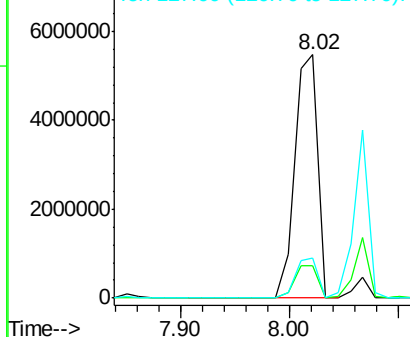
Delta R.T. 0.01 min

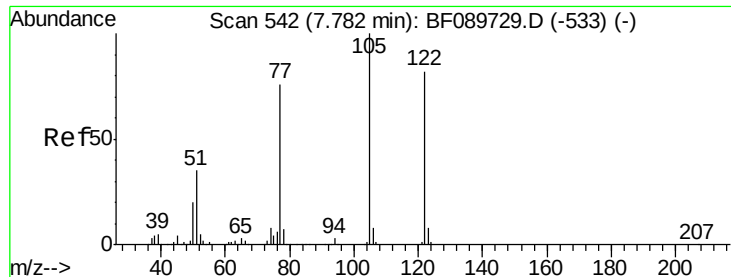
Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion:128 Resp: 7993239  
 Ion Ratio Lower Upper  
 128 100  
 129 13.3 9.5 14.3  
 127 16.4 11.3 16.9

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: 105.54 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.05 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 2753931

Ion Ratio Lower Upper

122 100

105 126.6 100.8 140.8

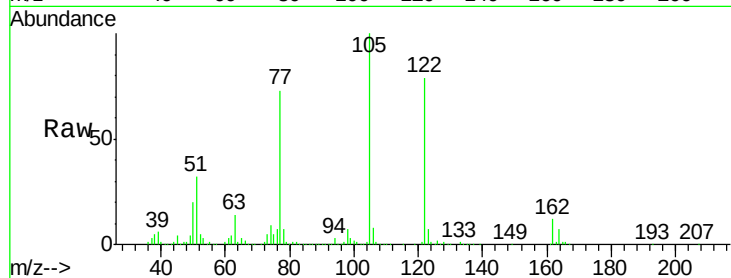
77 92.3 72.1 112.1

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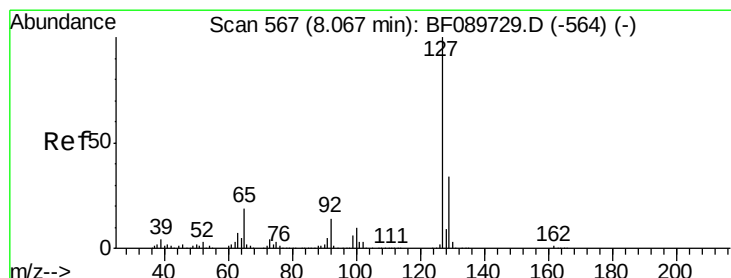
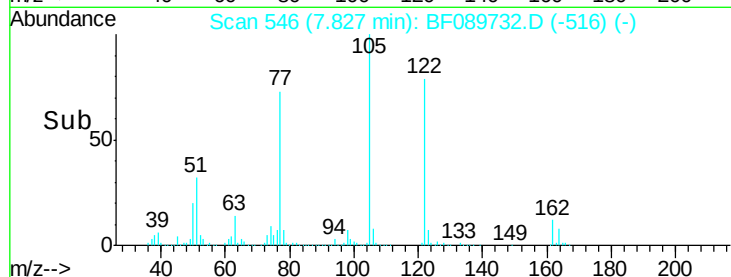
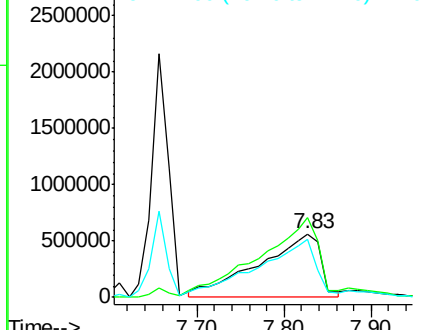


Abundance

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: 67.43 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Tgt Ion:127 Resp: 3618157

Ion Ratio Lower Upper

127 100

129 36.1 27.0 40.6

65 30.2 14.7 22.1#

92 20.1 11.7 17.5#

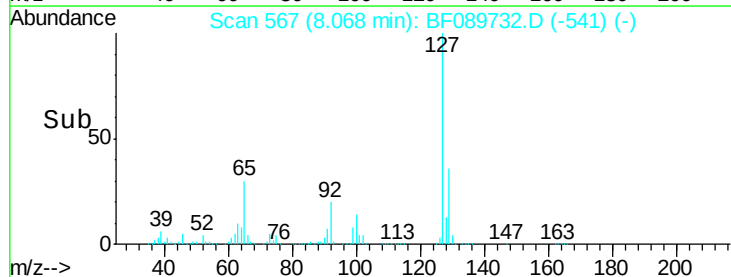
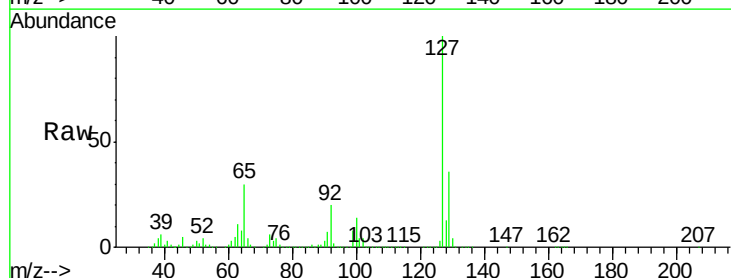
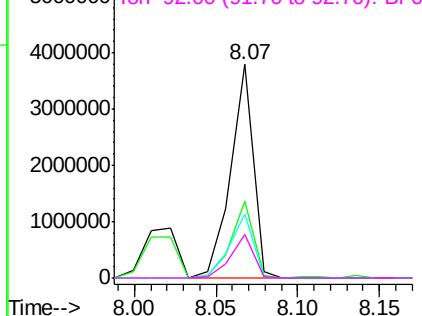
Abundance

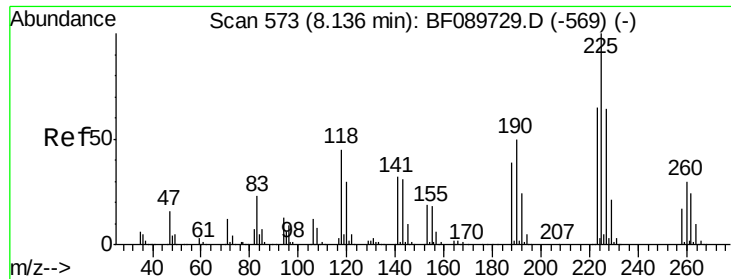
Ion 127.00 (126.70 to 127.70): E

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





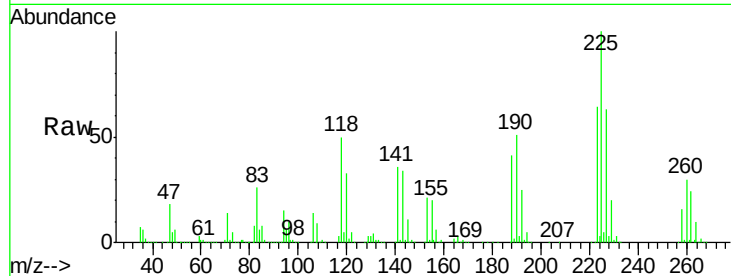
#34  
Hexachlorobutadiene  
Concen: 73.07 ng  
RT: 8.14 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

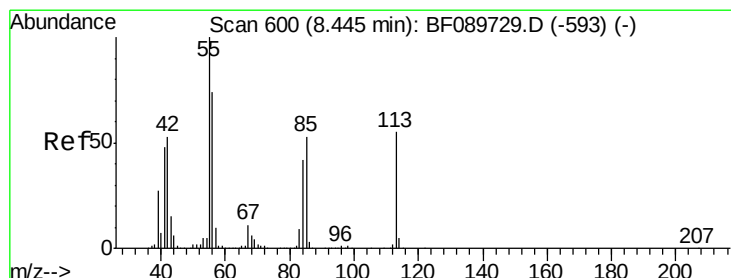
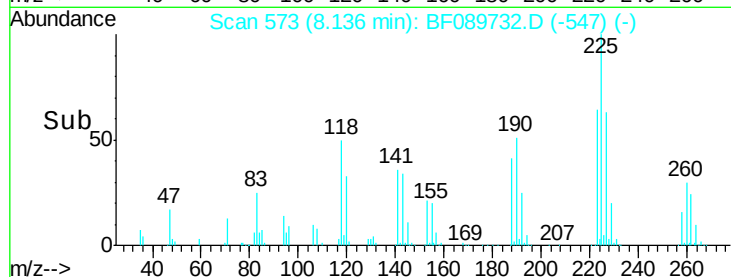
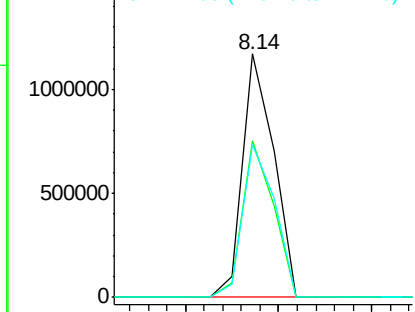
Tgt Ion: 225 Resp: 1358040  
Ion Ratio Lower Upper  
225 100  
223 64.1 51.0 76.6  
227 62.6 49.8 74.6

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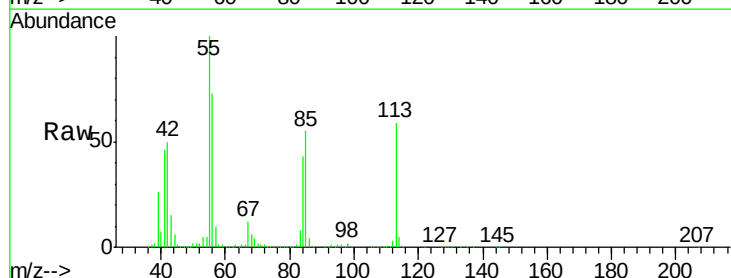


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

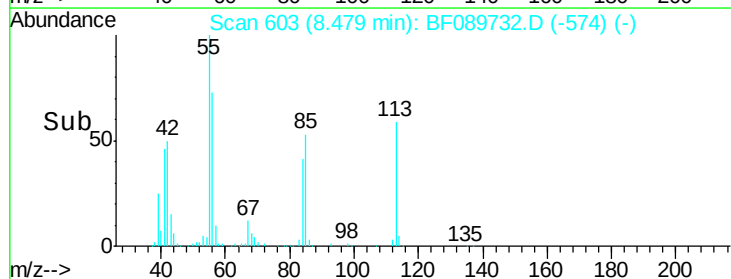
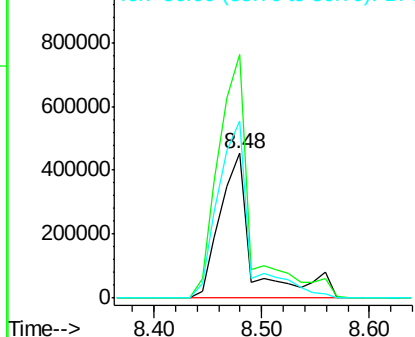


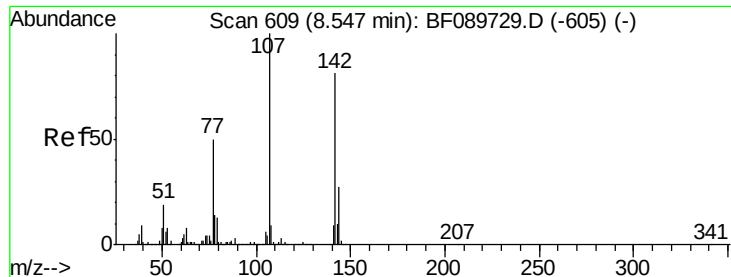
#35  
Caprolactam  
Concen: 88.70 ng m  
RT: 8.48 min Scan# 603  
Delta R.T. 0.03 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 113 Resp: 947957  
Ion Ratio Lower Upper  
113 100  
55 168.4 135.9 175.9  
56 122.9 93.9 133.9



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





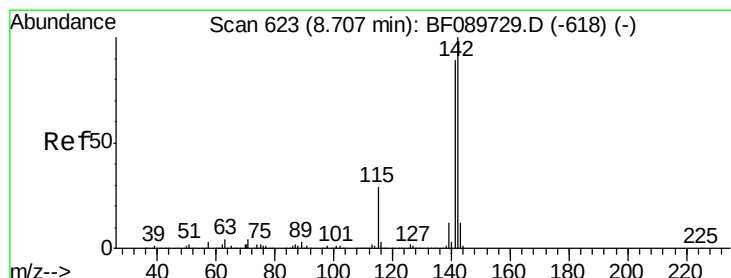
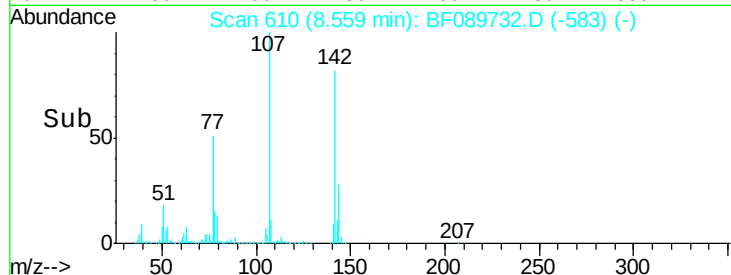
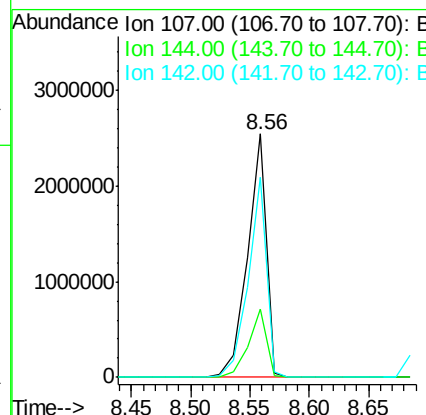
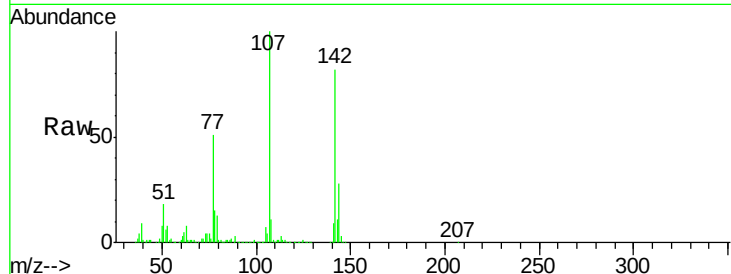
#36  
 4-Chloro-3-methylphenol  
 Concen: 78.24 ng  
 RT: 8.56 min Scan# 610  
 Delta R.T. 0.01 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:107 Resp: 2821506  
 Ion Ratio Lower Upper  
 107 100  
 144 27.8 22.6 34.0  
 142 82.1 69.3 103.9

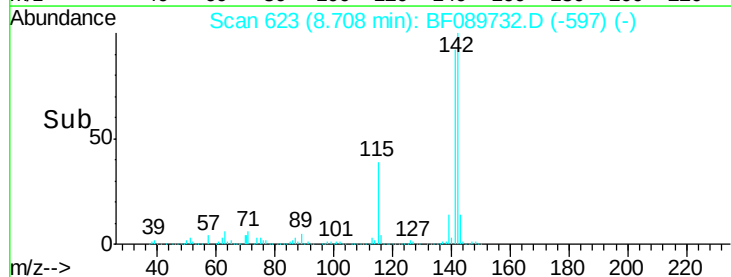
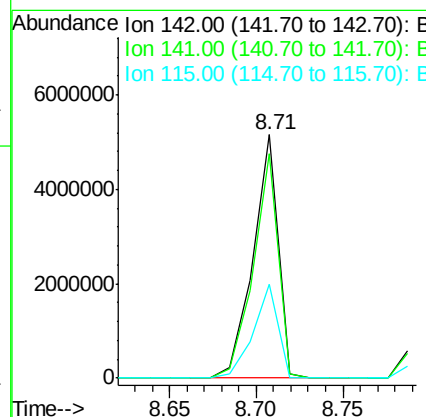
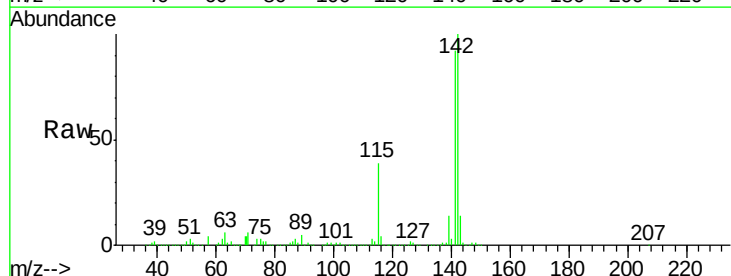
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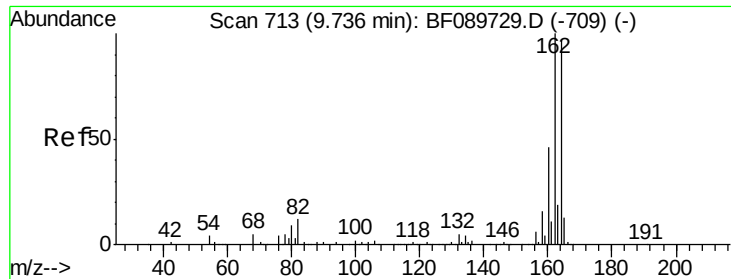
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#37  
 2-Methylnaphthalene  
 Concen: 67.15 ng m  
 RT: 8.71 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Tgt Ion:142 Resp: 5201070  
 Ion Ratio Lower Upper  
 142 100  
 141 92.2 71.4 107.2  
 115 38.6 22.7 34.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

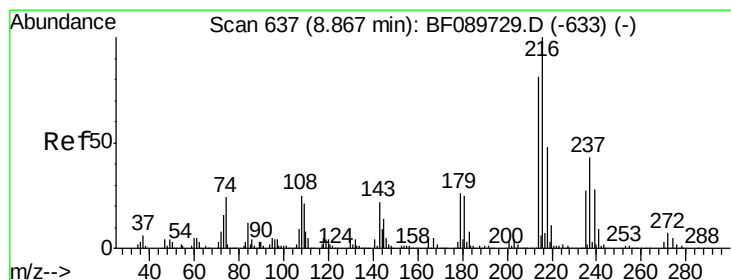
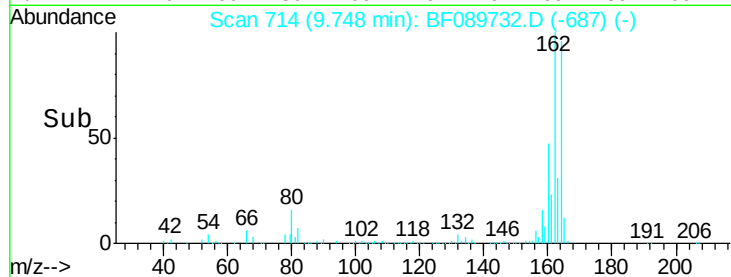
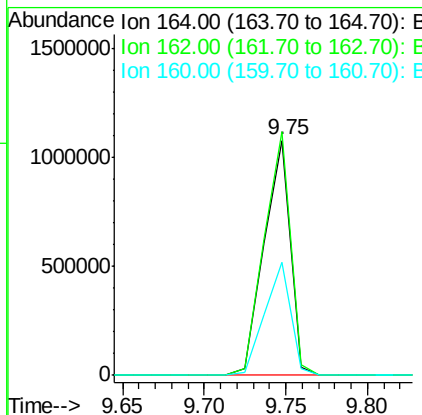
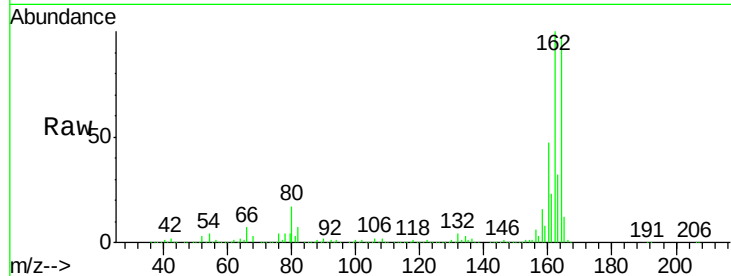
ClientSampleID :

SSTDIC080

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 164   | Resp: | 1202306 |
| Ion      | Ratio | Lower | Upper   |
| 164      | 100   |       |         |
| 162      | 103.6 | 81.4  | 122.2   |
| 160      | 48.3  | 37.8  | 56.6    |

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 83.07 ng

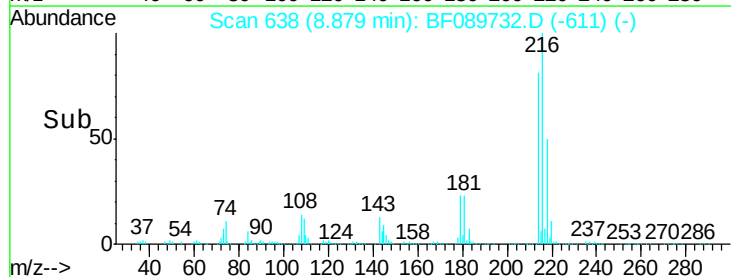
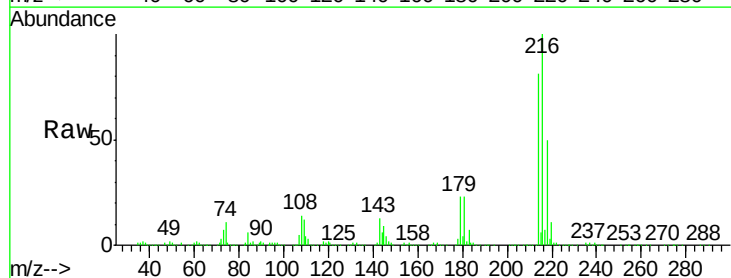
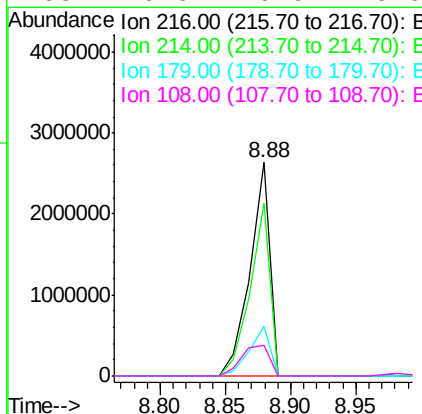
RT: 8.88 min Scan# 638

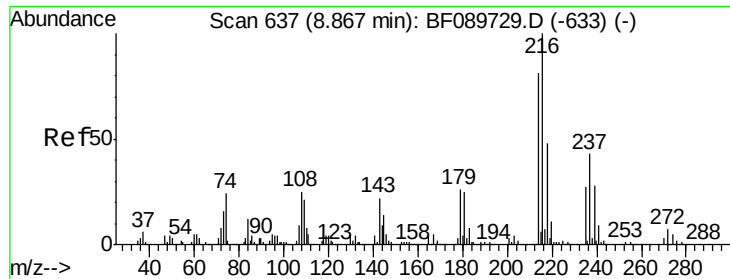
Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 216   | Resp: | 2793043 |
| Ion      | Ratio | Lower | Upper   |
| 216      | 100   |       |         |
| 214      | 80.9  | 63.5  | 95.3    |
| 179      | 24.2  | 19.9  | 29.9    |
| 108      | 20.6  | 19.9  | 29.9    |





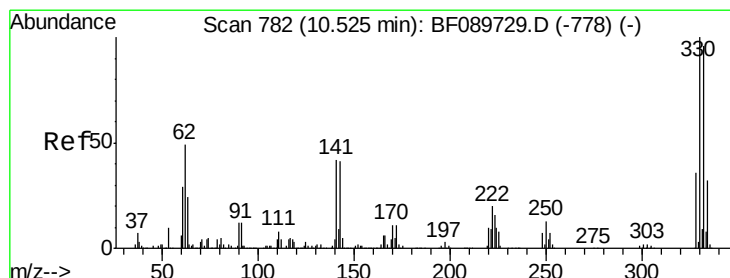
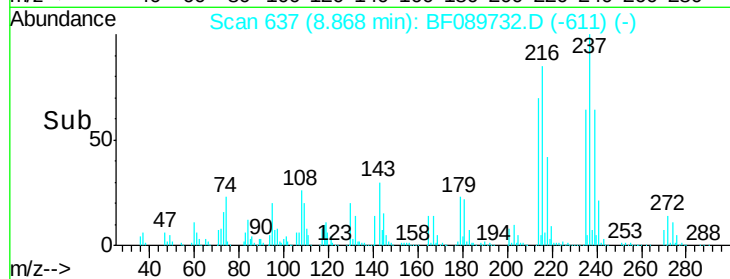
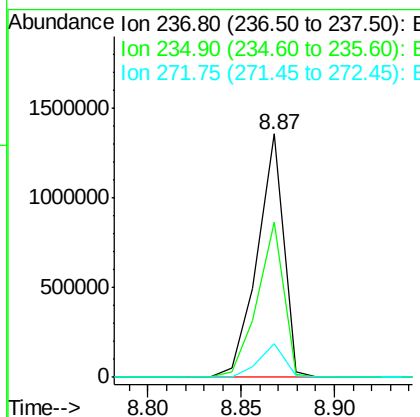
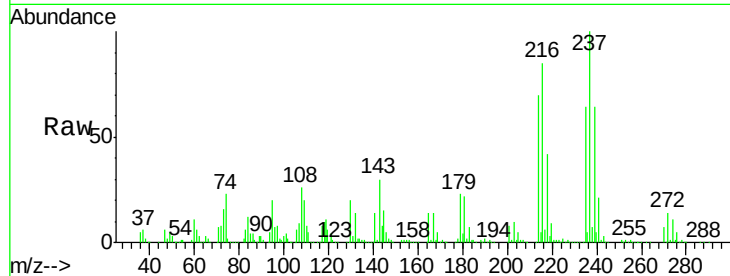
#40  
Hexachlorocyclopentadiene  
Concen: 71.25 ng  
RT: 8.87 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion: 237 Resp: 1323013  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.7 83.7  
272 14.0 0.0 31.6

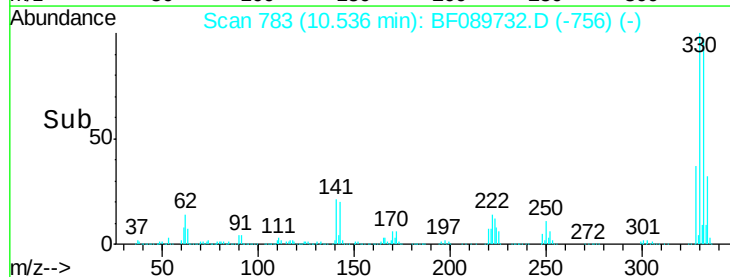
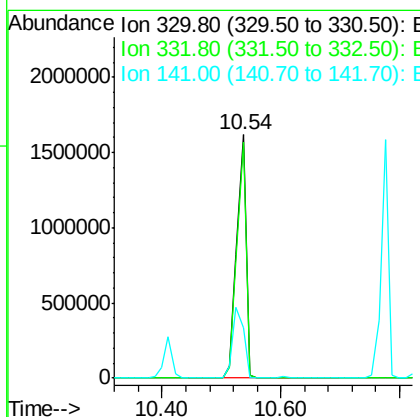
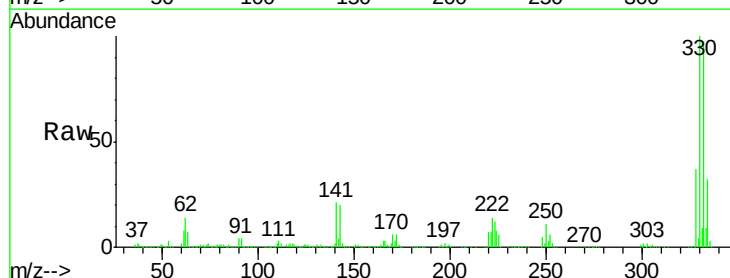
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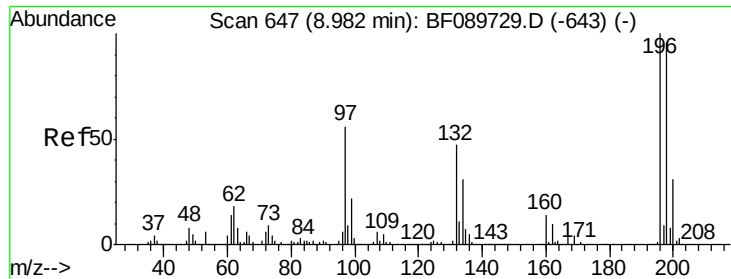


#41  
2,4,6-Tribromophenol  
Concen: 73.73 ng  
RT: 10.54 min Scan# 783  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 330 Resp: 1759918  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.7 115.1  
141 34.9 30.2 45.2







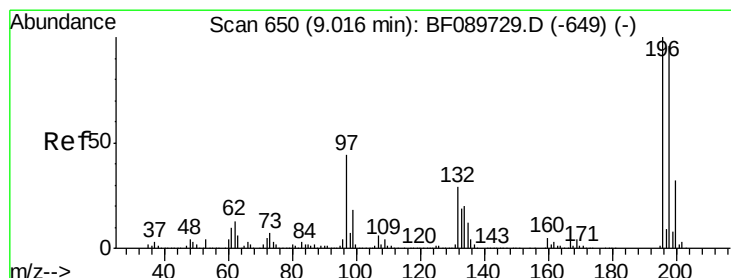
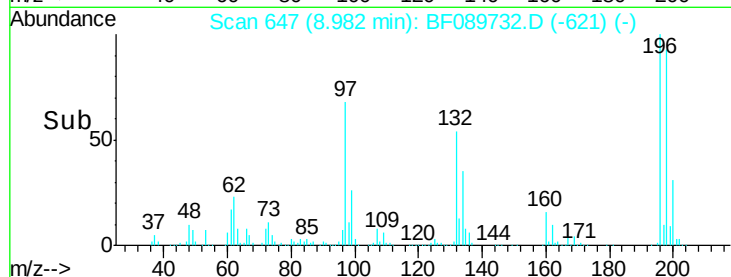
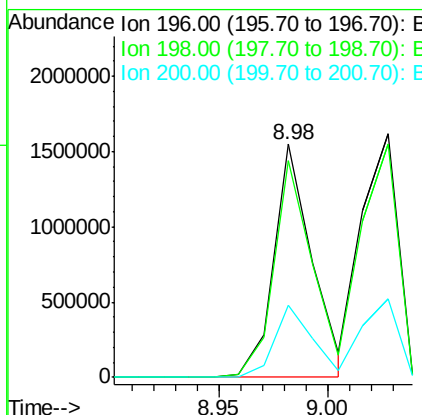
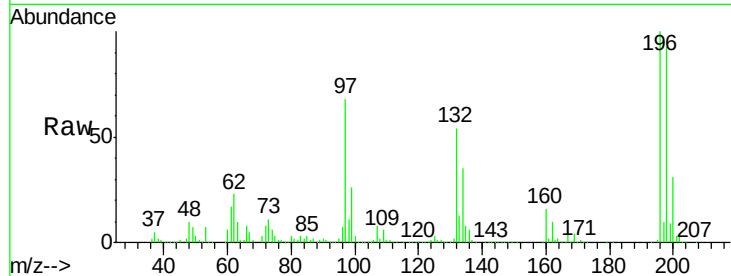
#42  
 2,4,6-Trichlorophenol  
 Concen: 78.98 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:196 Resp: 1904652  
 Ion Ratio Lower Upper  
 196 100  
 198 93.1 76.3 114.5  
 200 30.7 24.6 36.8

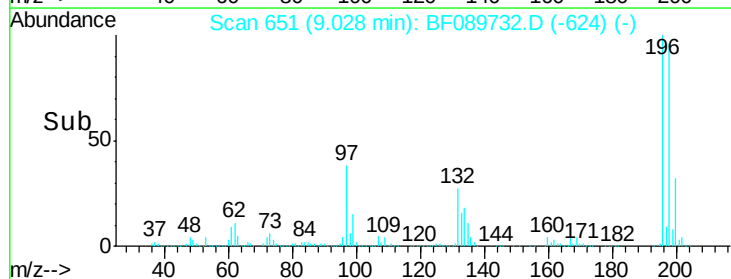
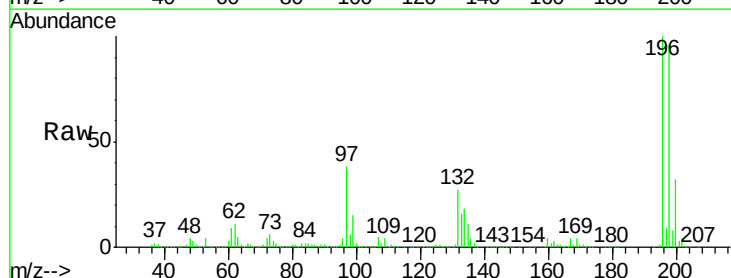
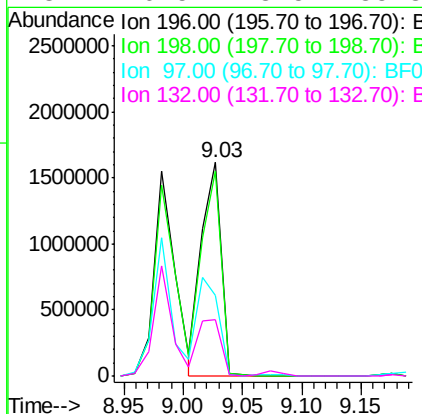
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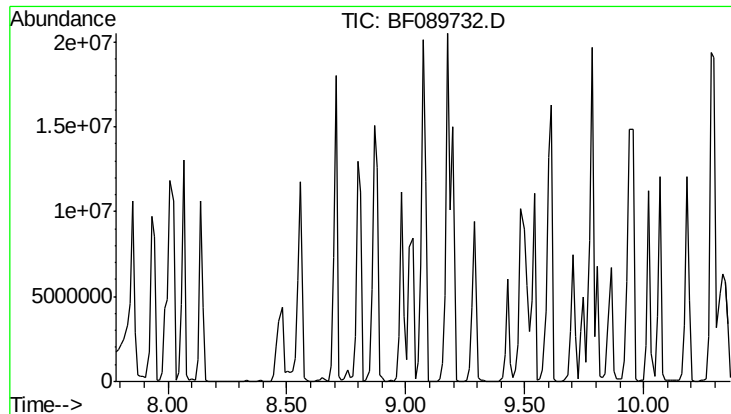
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#43  
 2,4,5-Trichlorophenol  
 Concen: 82.41 ng  
 RT: 9.03 min Scan# 651  
 Delta R.T. 0.01 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Tgt Ion:196 Resp: 1892930  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.6 114.8  
 97 37.9 35.8 53.8  
 132 26.5 23.5 35.3





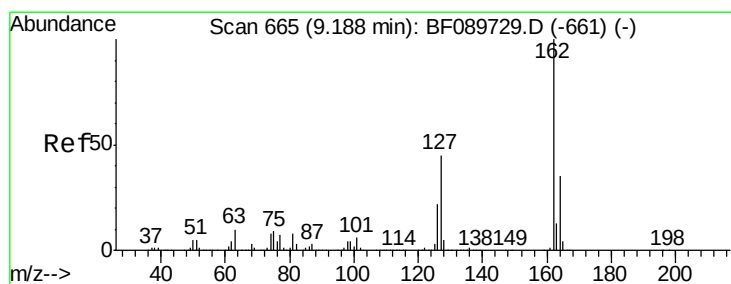
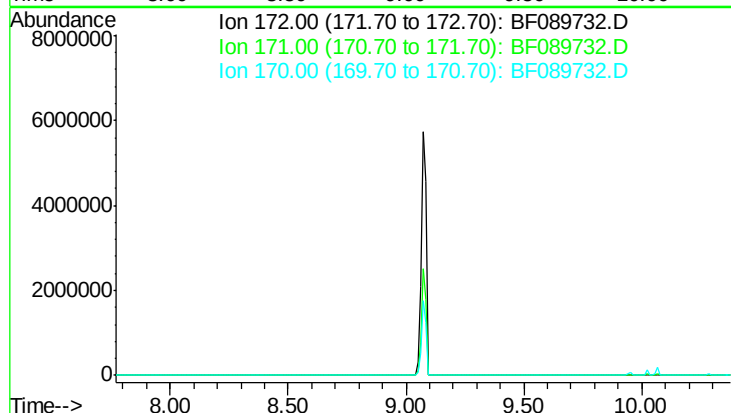
#44  
 2-Fluorobiphenyl  
 Concen: 0.00 ng  
 Expected RT: 9.07 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion: 172  
 Sig Exp Ratio  
 172 100  
 171 38.1  
 170 25.8

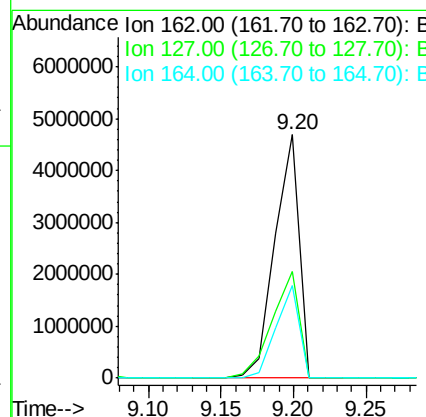
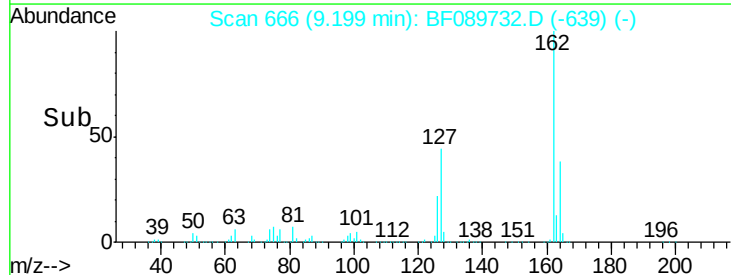
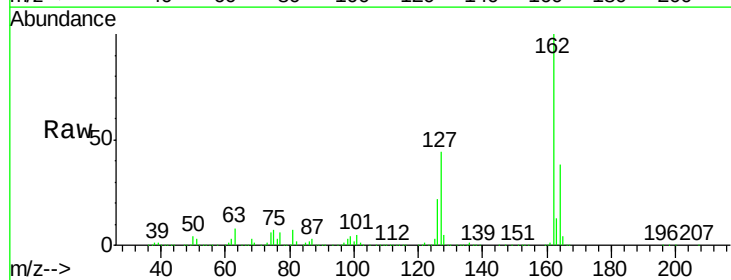
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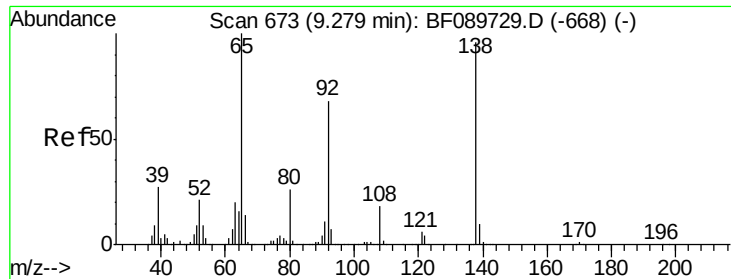
umangi  
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#46  
 2-Chloronaphthalene  
 Concen: 75.32 ng  
 RT: 9.20 min Scan# 666  
 Delta R.T. 0.01 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Tgt Ion: 162 Resp: 5439649  
 Ion Ratio Lower Upper  
 162 100  
 127 44.0 35.5 53.3  
 164 38.0 26.6 40.0





#47

2-Nitroaniline

Concen: 76.10 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 65 Resp: 1777135

Ion Ratio Lower Upper

65 100

92 73.0 56.3 84.5

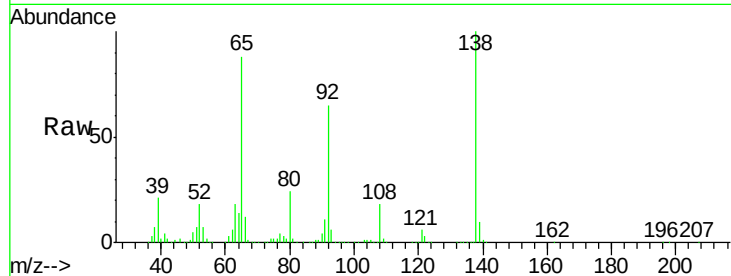
138 113.1 81.8 122.8

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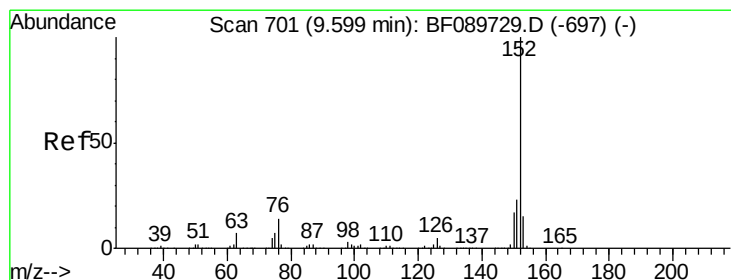
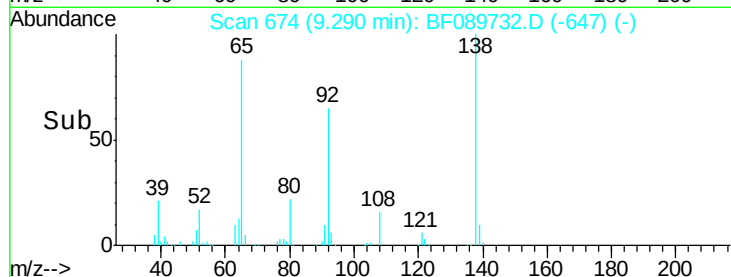
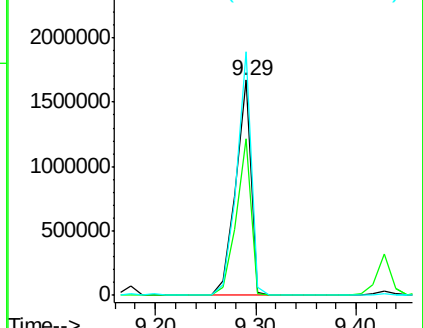
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 65.50 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

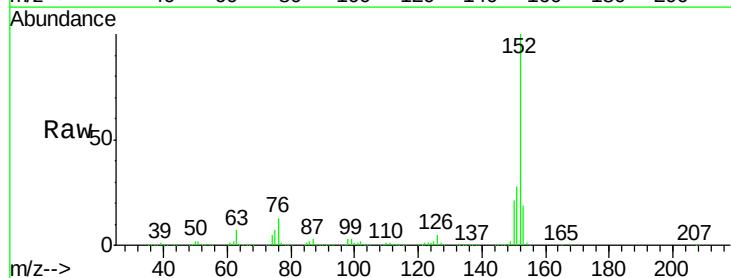
Tgt Ion: 152 Resp: 7446986

Ion Ratio Lower Upper

152 100

151 28.4 17.1 25.7#

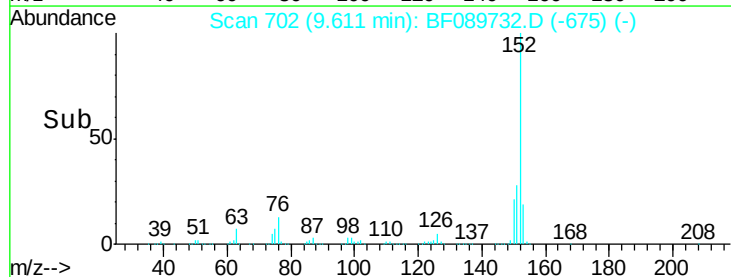
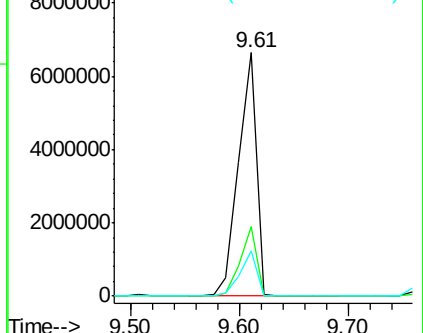
153 18.6 11.2 16.8#

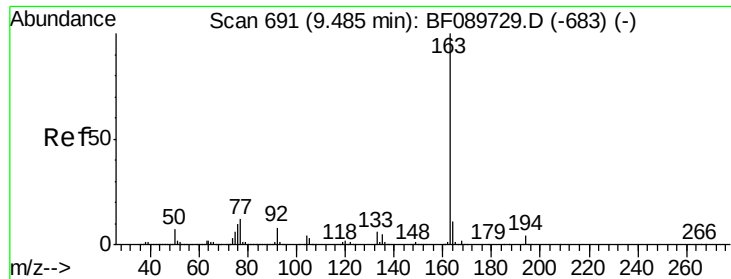


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





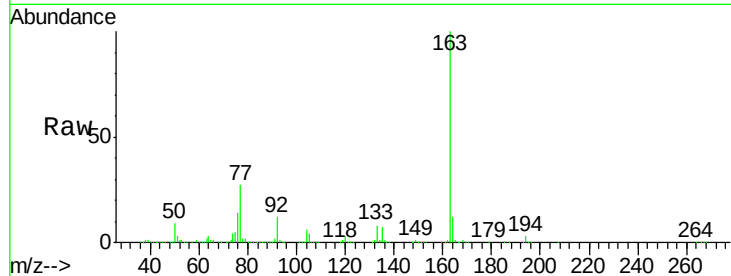
#49  
Dimethylphthalate  
Concen: 71.93 ng  
RT: 9.48 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

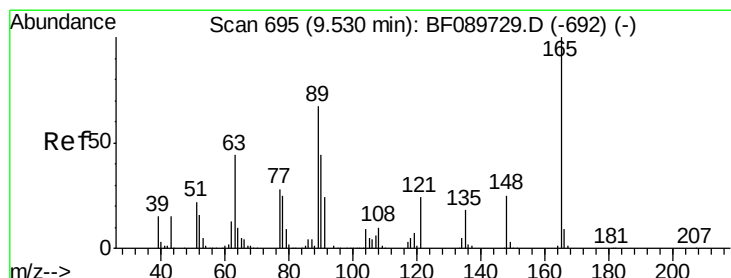
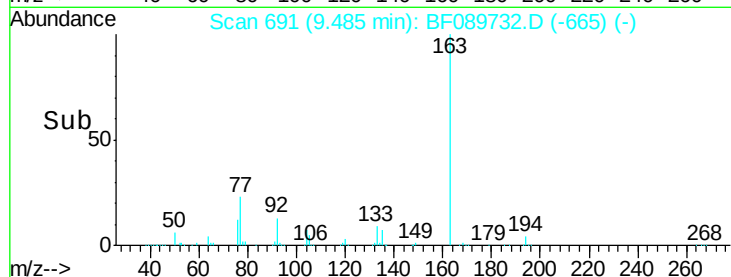
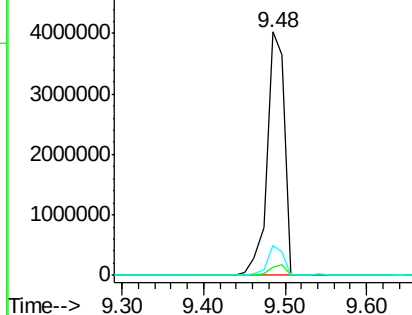
Tgt Ion:163 Resp: 6060896  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 3.8  
164 12.2 8.6 12.8

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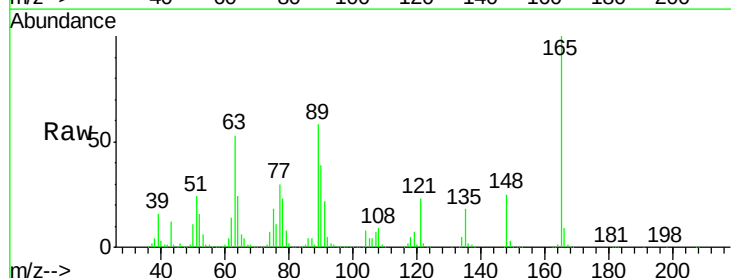


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

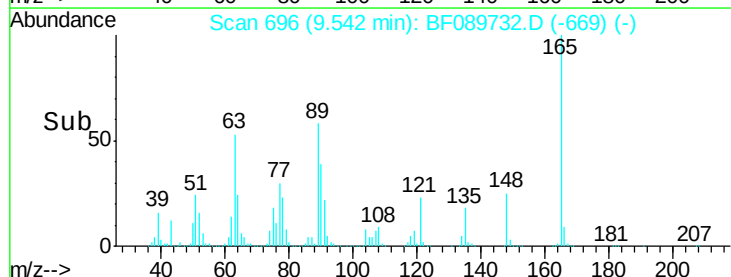
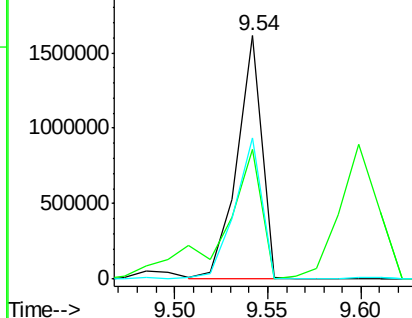


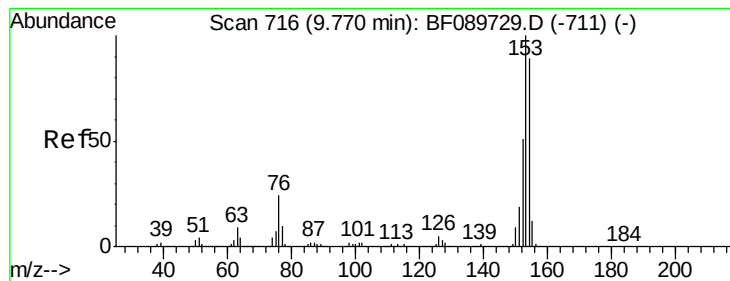
#50  
2,6-Dinitrotoluene  
Concen: 80.82 ng  
RT: 9.54 min Scan# 696  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion:165 Resp: 1508662  
Ion Ratio Lower Upper  
165 100  
63 53.3 41.7 62.5  
89 57.8 44.6 67.0



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: 69.28 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 5156407

Ion Ratio Lower Upper

154 100

153 109.4 90.5 135.7

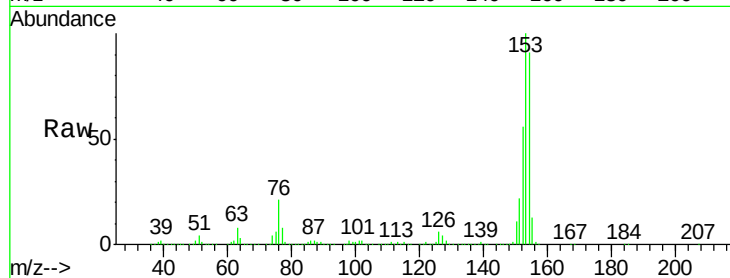
152 61.0 44.6 67.0

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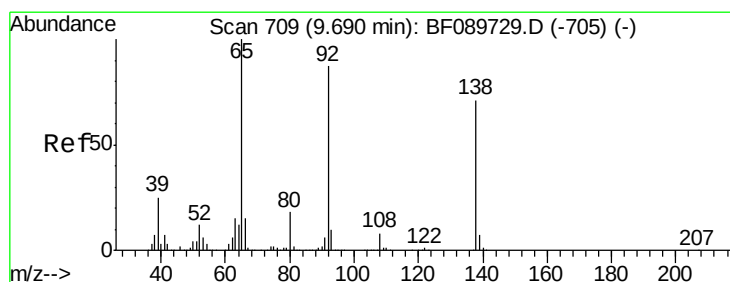
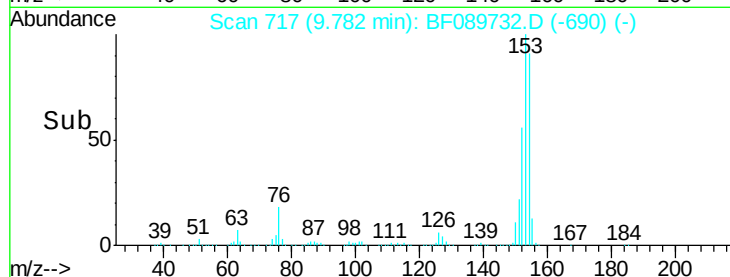
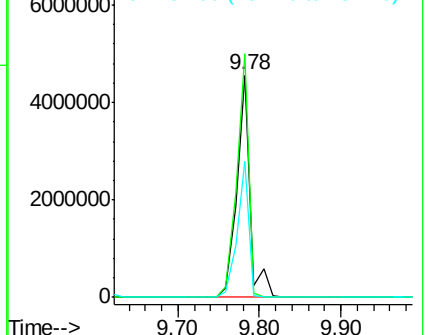
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 71.43 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

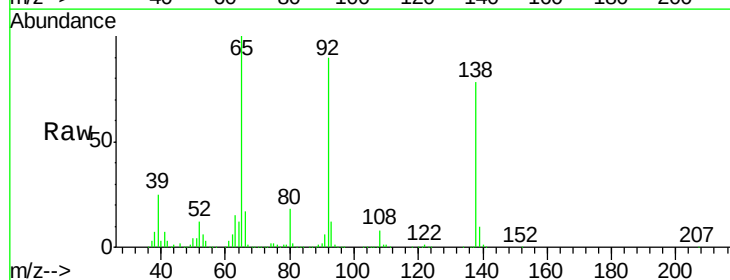
Tgt Ion:138 Resp: 1729072

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

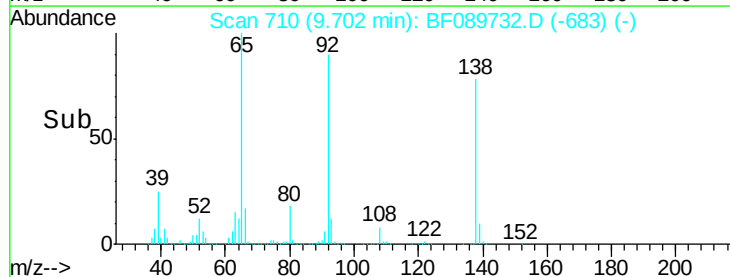
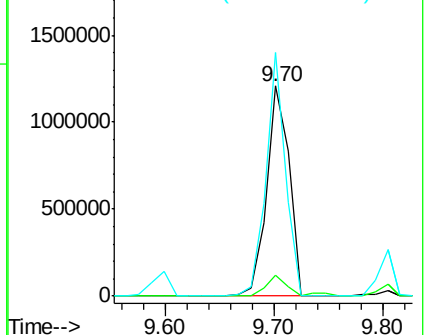
92 116.1 92.7 139.1

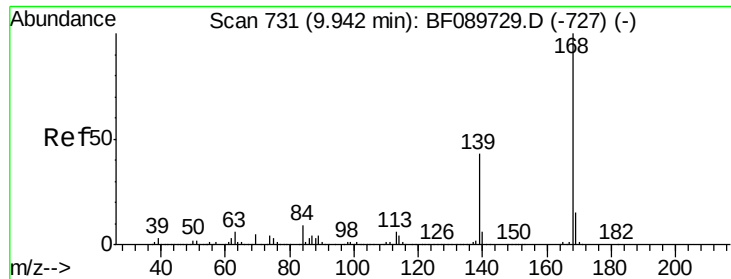


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





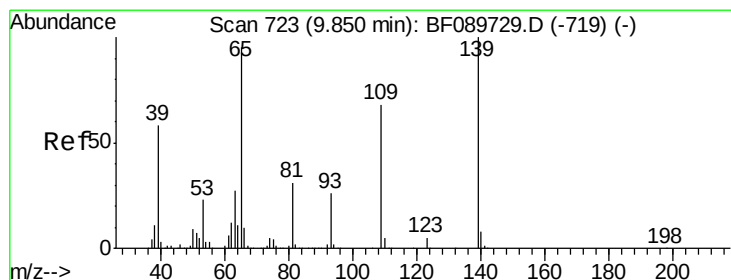
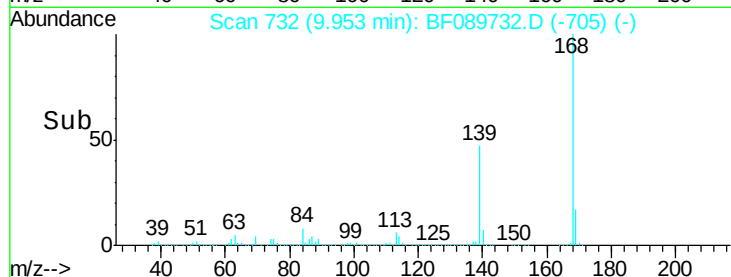
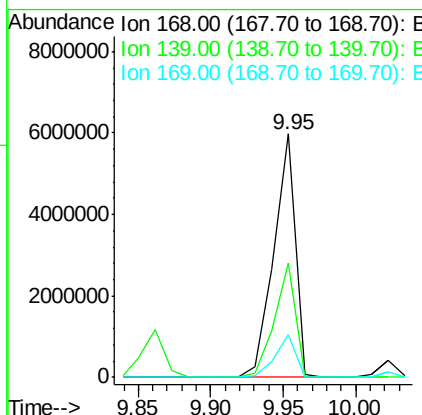
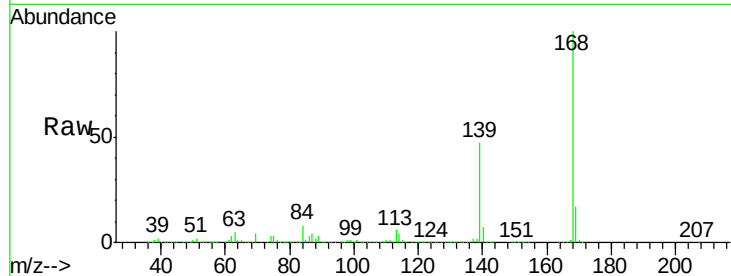
#54  
Dibenzofuran  
Concen: 58.38 ng  
RT: 9.95 min Scan# 732  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion:168 Resp: 6160366  
Ion Ratio Lower Upper  
168 100  
139 47.1 34.6 52.0  
169 17.4 11.5 17.3#

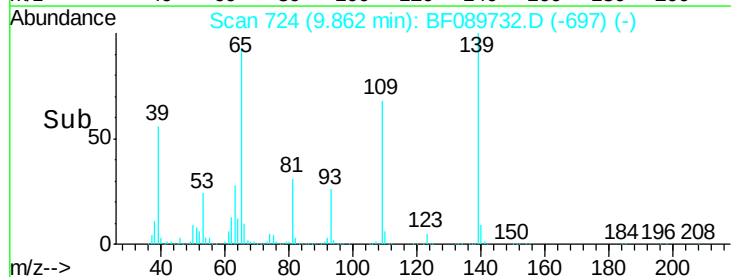
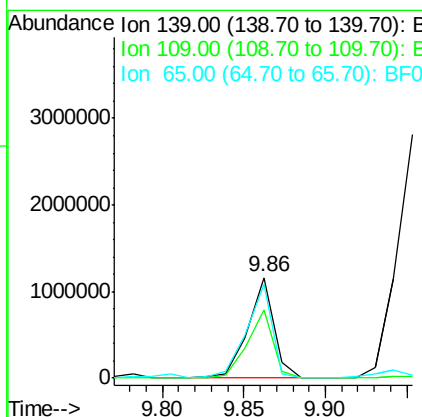
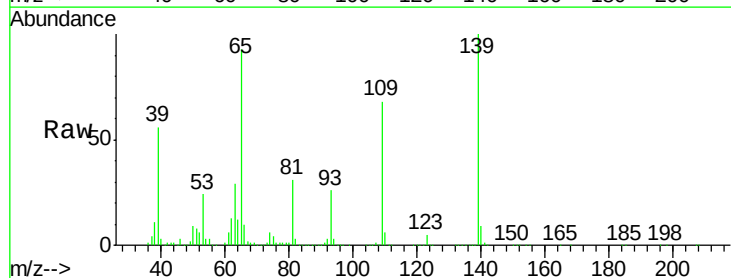
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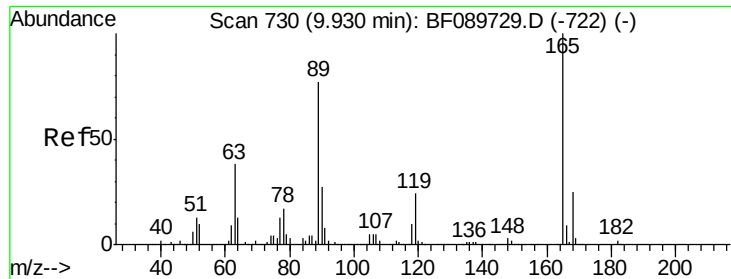
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#55  
4-Nitrophenol  
Concen: 69.95 ng  
RT: 9.86 min Scan# 724  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion:139 Resp: 1294569  
Ion Ratio Lower Upper  
139 100  
109 67.8 43.0 83.0  
65 93.0 55.7 95.7





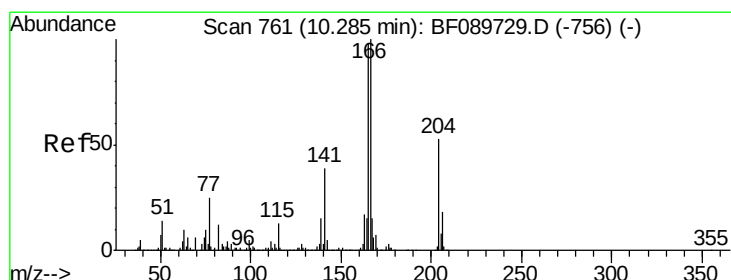
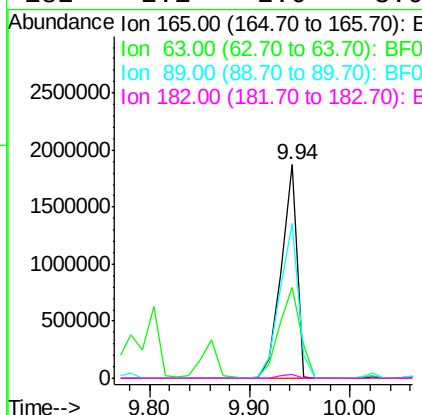
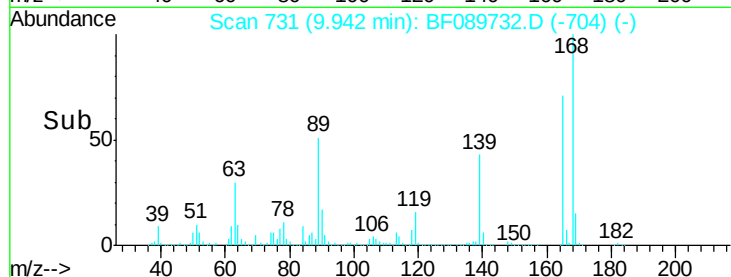
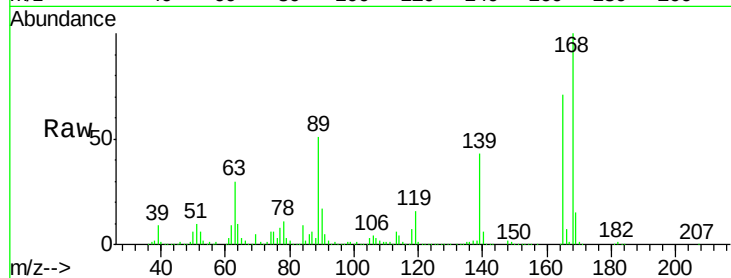
#56  
2,4-Dinitrotoluene  
Concen: 84.49 ng  
RT: 9.94 min Scan# 731  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tgt Ion:165 Resp: 2036938  
Ion Ratio Lower Upper  
165 100  
63 42.8 23.7 35.5#  
89 72.3 44.0 66.0#  
182 2.1 2.0 3.0

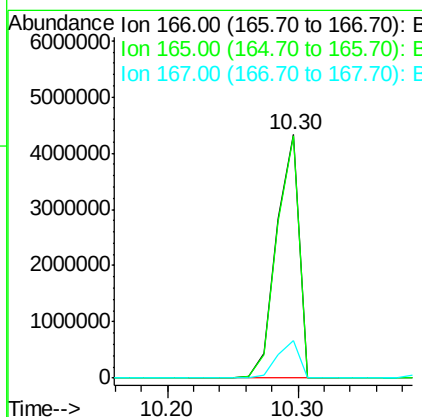
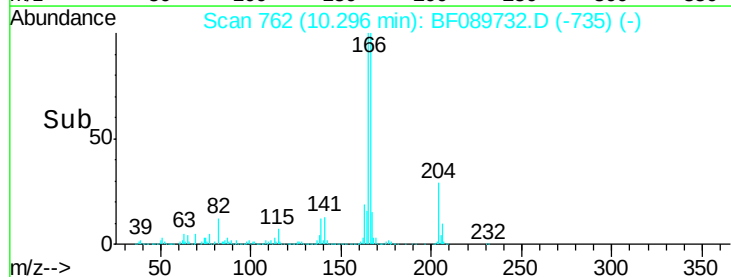
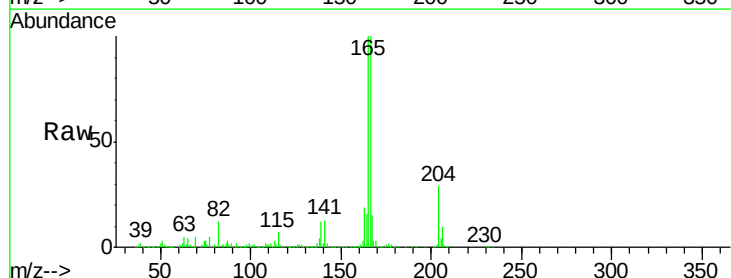
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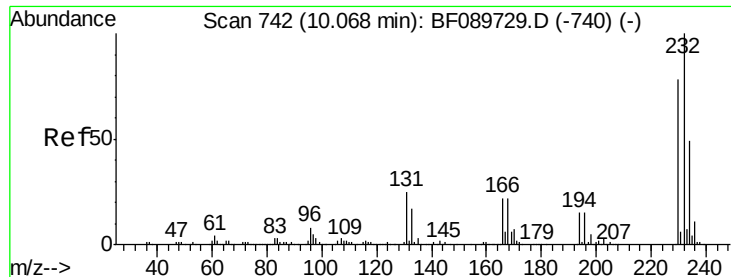
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#57  
Fluorene  
Concen: 69.19 ng  
RT: 10.30 min Scan# 762  
Delta R.T. 0.01 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion:166 Resp: 5236538  
Ion Ratio Lower Upper  
166 100  
165 99.6 80.2 120.4  
167 15.2 11.3 16.9





#58

2,3,4,6-Tetrachlorophenol

Concen: 66.60 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:232 Resp: 1321576

Ion Ratio Lower Upper

232 100

131 59.3 42.5 63.7

130 2.8 2.2 3.4

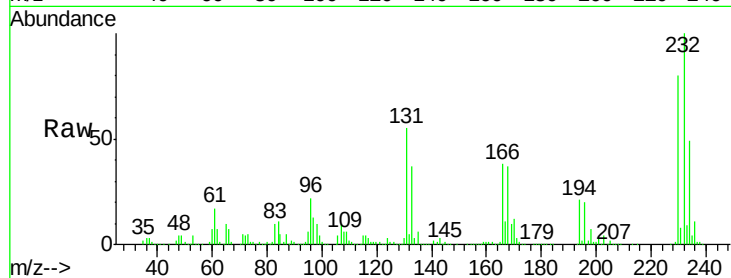
166 38.7 27.3 40.9

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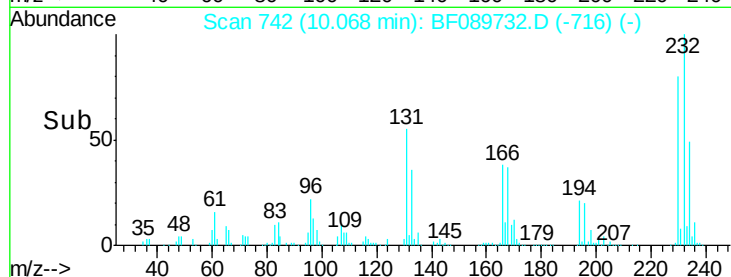


Abundance Ion 232.00 (231.70 to 232.70): E

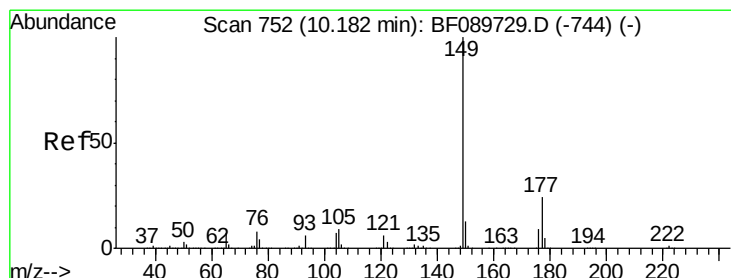
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 66.75 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

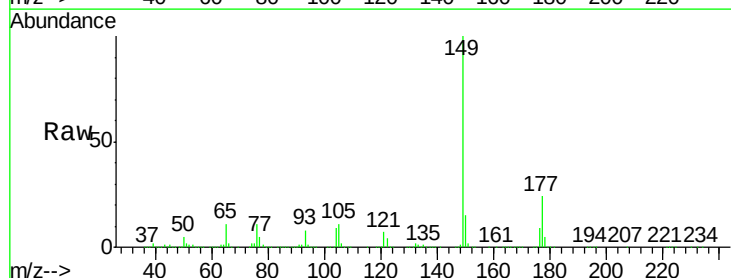
Tgt Ion:149 Resp: 5748123

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

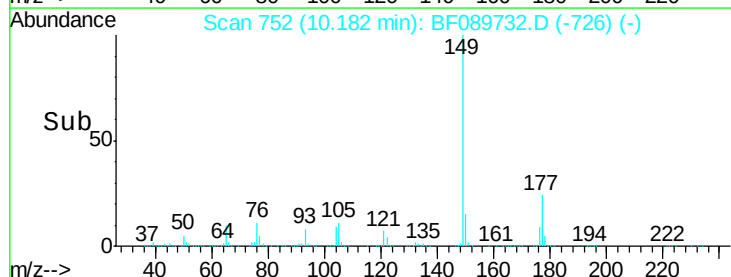
150 15.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

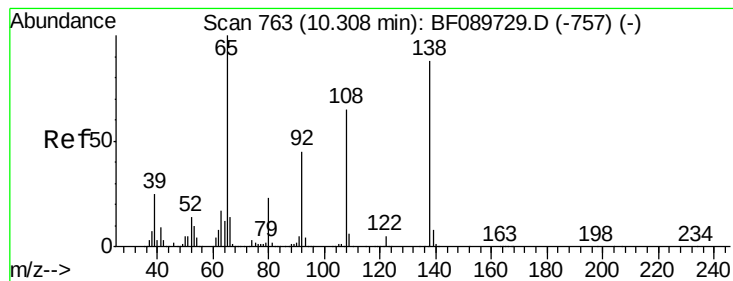
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





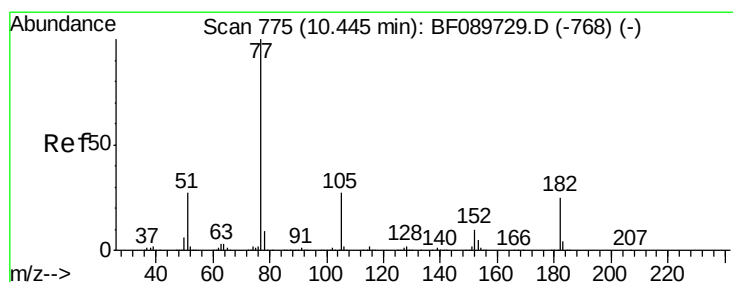
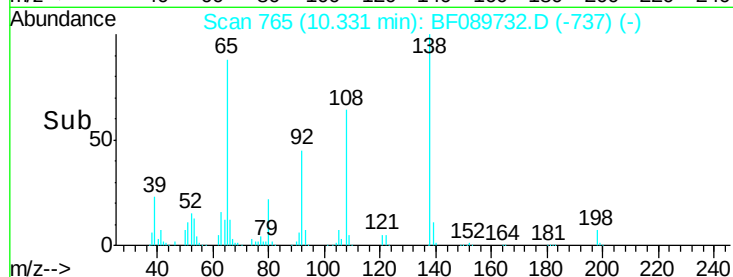
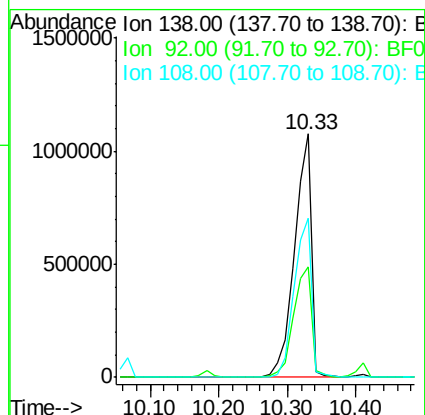
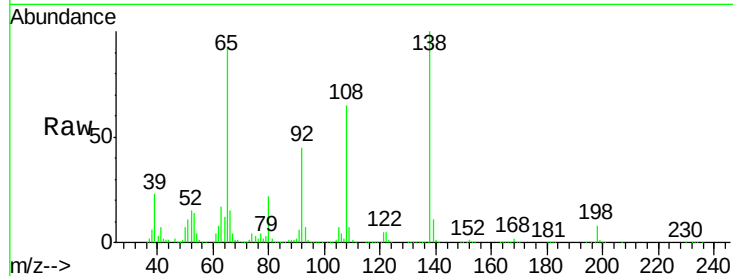
#61  
4-Nitroaniline  
Concen: 87.44 ng  
RT: 10.33 min Scan# 765  
Delta R.T. 0.02 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 138 Resp: 1869077  
Ion Ratio Lower Upper  
138 100  
92 45.3 26.4 66.4  
108 65.4 47.0 87.0

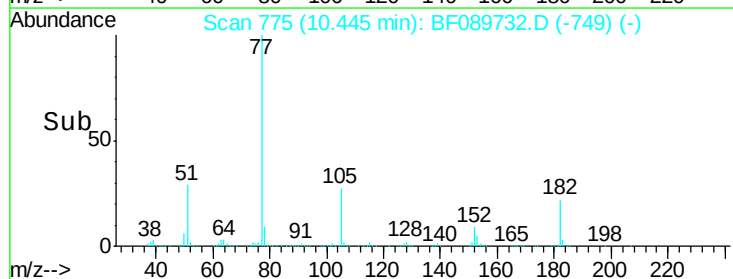
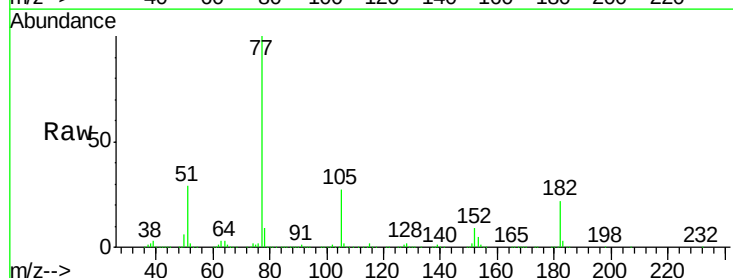
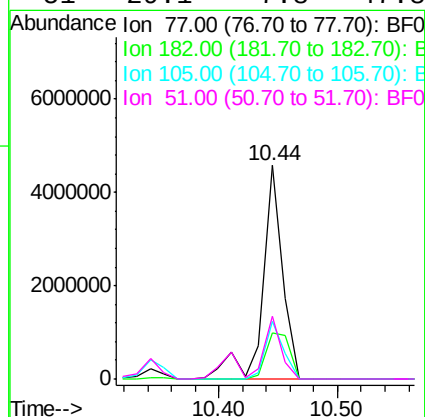
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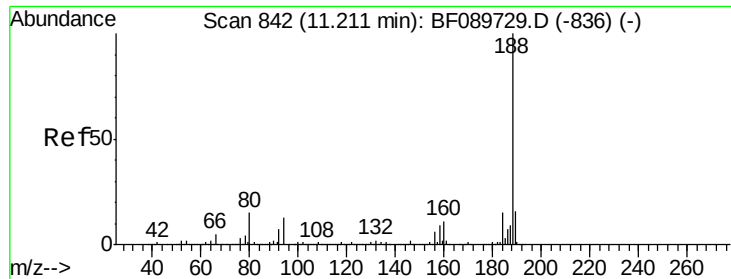
umangi  
8/17/2016 5:58:21 AM



#62  
Azobenzene  
Concen: 57.90 ng  
RT: 10.44 min Scan# 775  
Delta R.T. 0.00 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Tgt Ion: 77 Resp: 5403240  
Ion Ratio Lower Upper  
77 100  
182 21.6 5.6 45.6  
105 26.8 4.0 44.0  
51 29.1 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:188 Resp: 2166737

Ion Ratio Lower Upper

188 100

94 8.5 10.2 15.2#

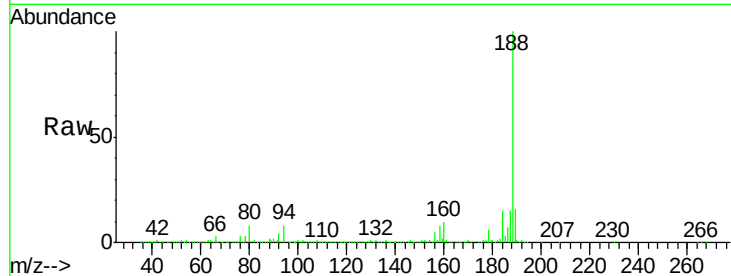
80 8.4 10.9 16.3#

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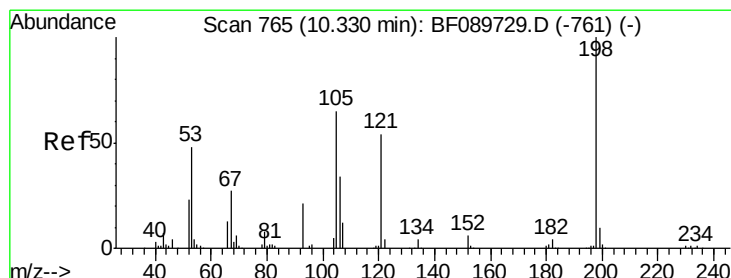
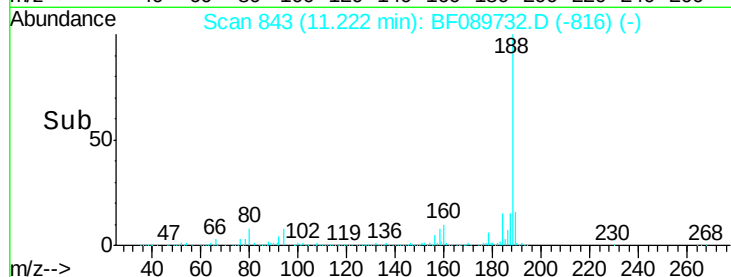
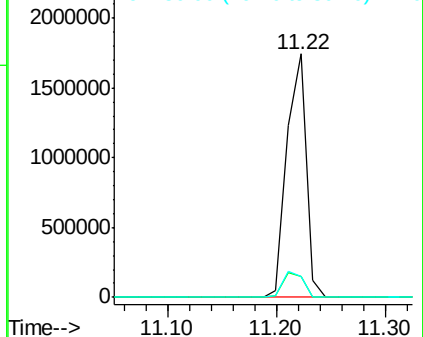
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 98.24 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

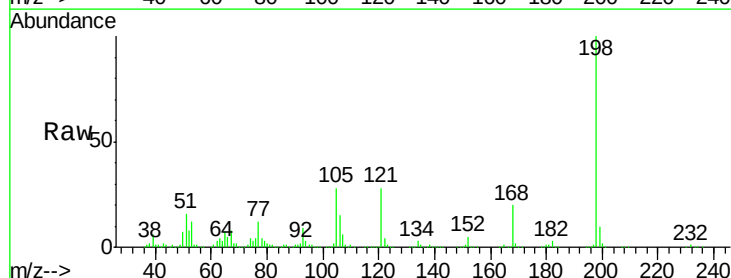
Tgt Ion:198 Resp: 1141682

Ion Ratio Lower Upper

198 100

51 16.1 32.3 72.3#

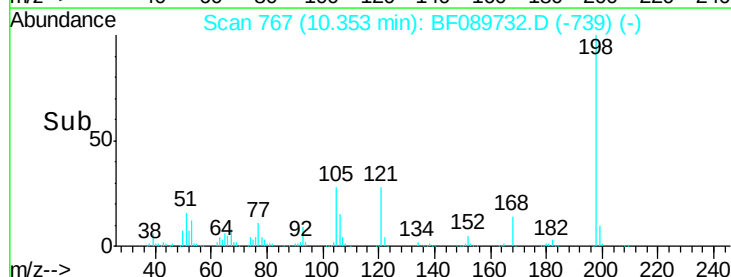
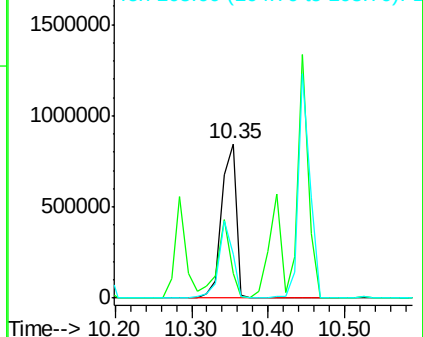
105 28.1 32.9 72.9#

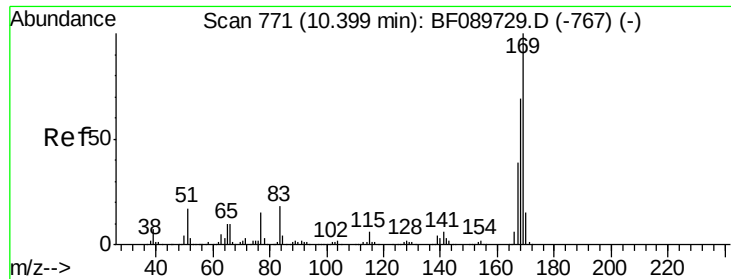


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 61.17 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:169 Resp: 4280393

Ion Ratio Lower Upper

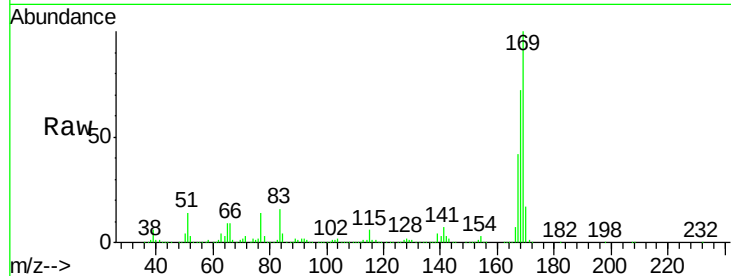
169 100

168 71.9 54.6 82.0

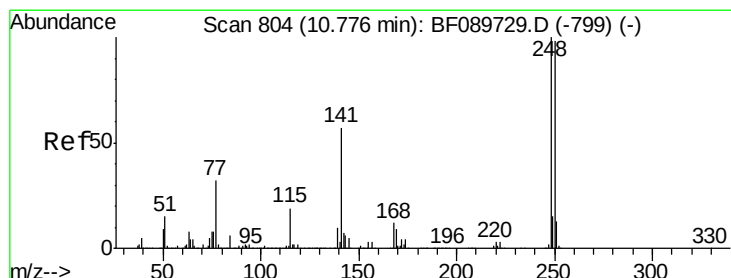
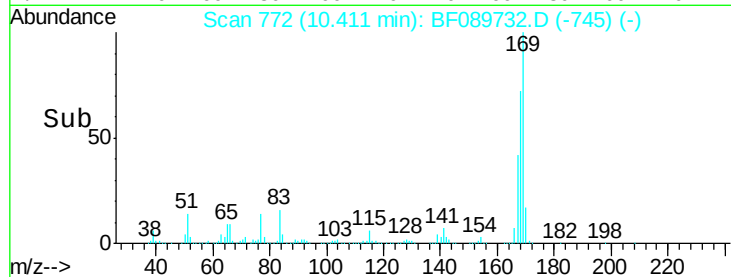
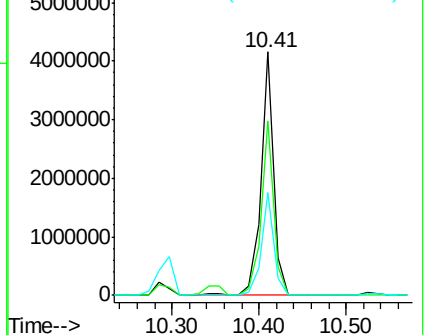
167 42.4 30.6 45.8

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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: 64.41 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

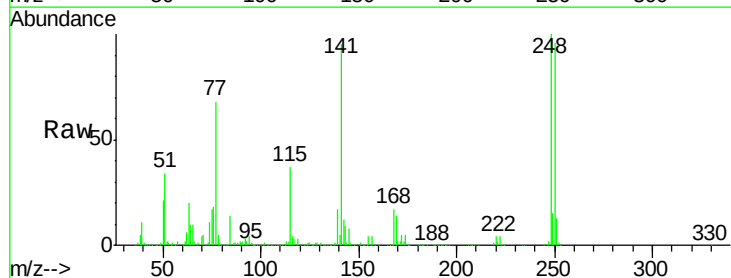
Tgt Ion:248 Resp: 1428852

Ion Ratio Lower Upper

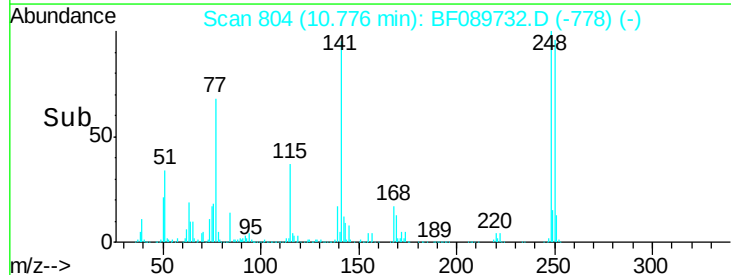
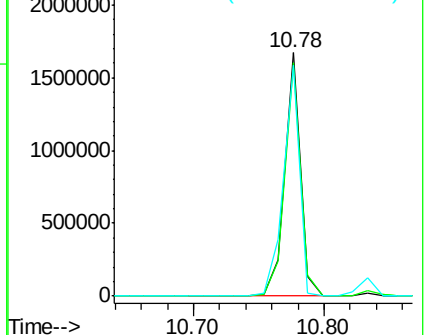
248 100

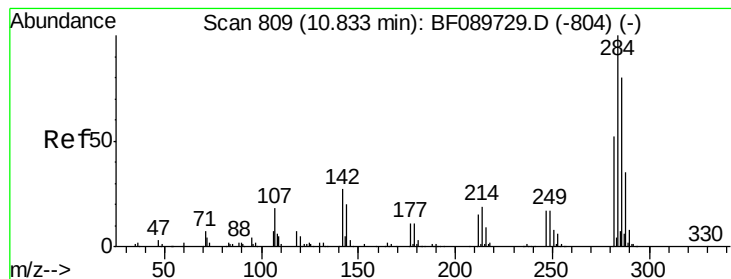
250 95.8 78.6 117.8

141 94.6 31.4 47.2#



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: 66.81 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:284 Resp: 1663702

Ion Ratio Lower Upper

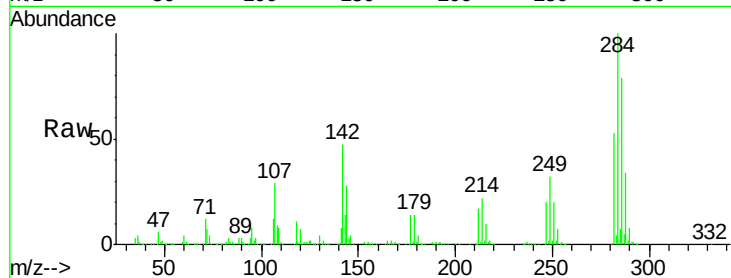
284 100

142 47.2 17.4 26.2#

249 31.9 22.8 34.2

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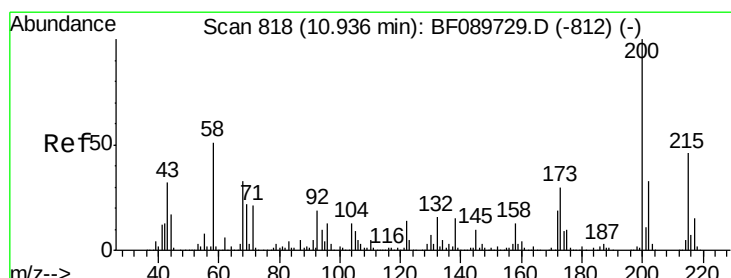
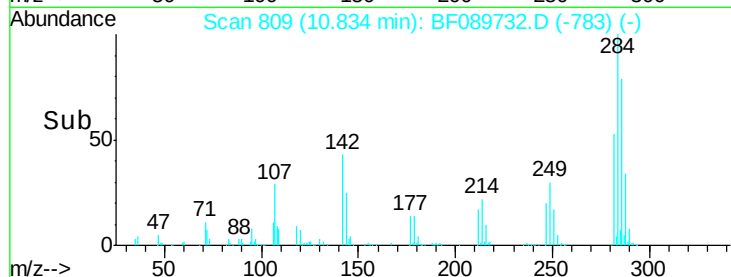
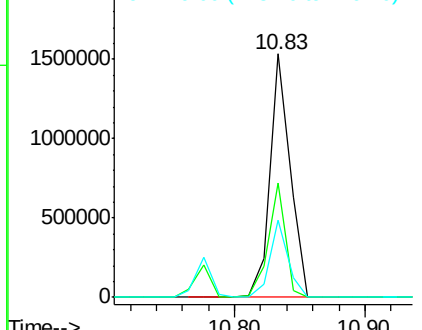
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 80.60 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

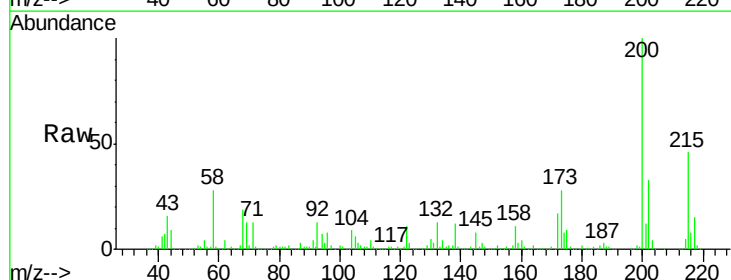
Tgt Ion:200 Resp: 1658225

Ion Ratio Lower Upper

200 100

173 28.1 6.6 46.6

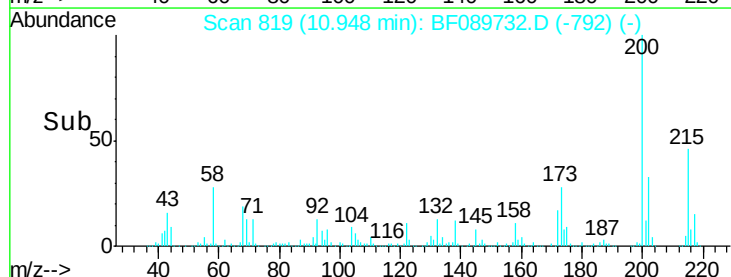
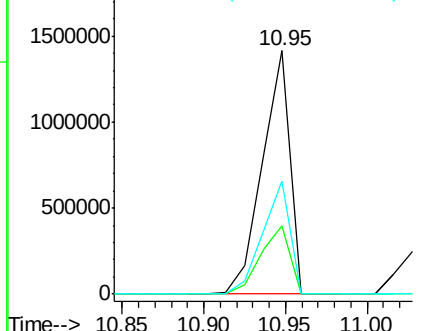
215 46.4 24.7 64.7

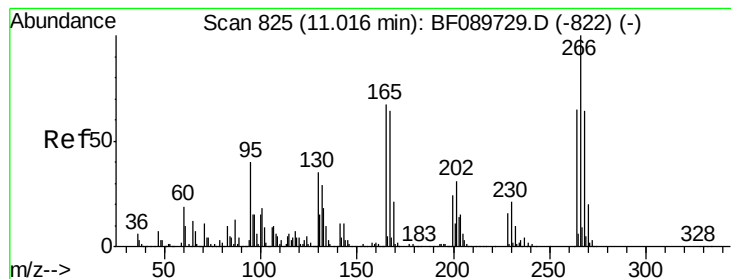


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.90 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:266 Resp: 1274731

Ion Ratio Lower Upper

266 100

268 64.3 53.2 79.8

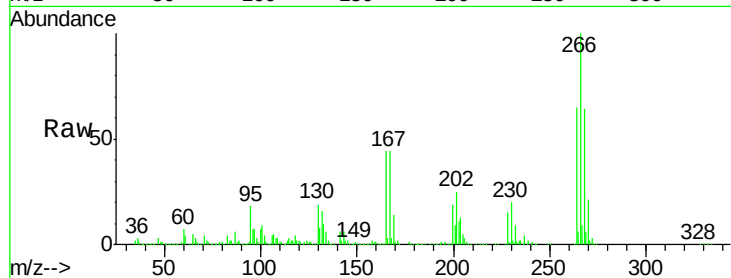
264 64.5 51.1 76.7

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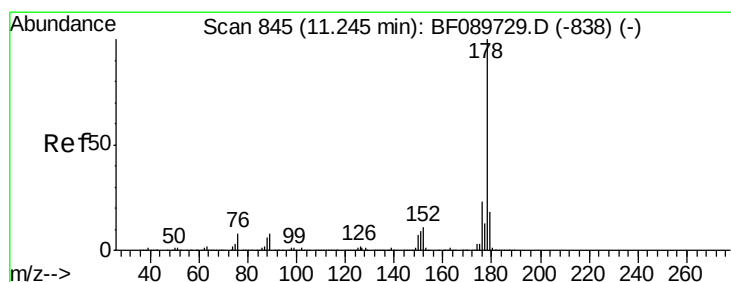
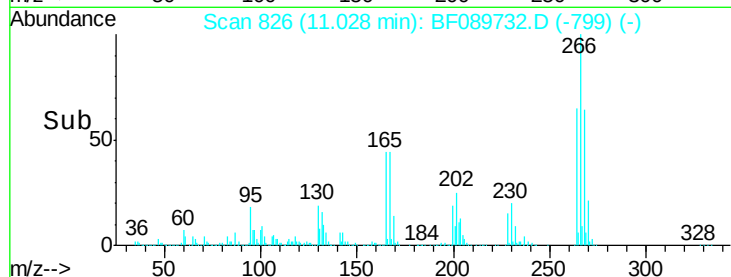
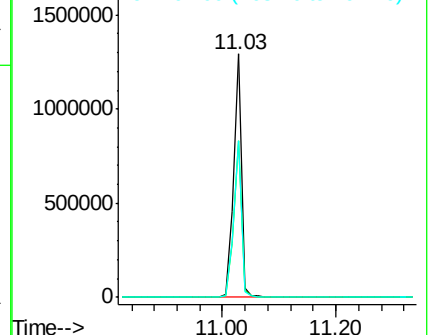
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 58.92 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

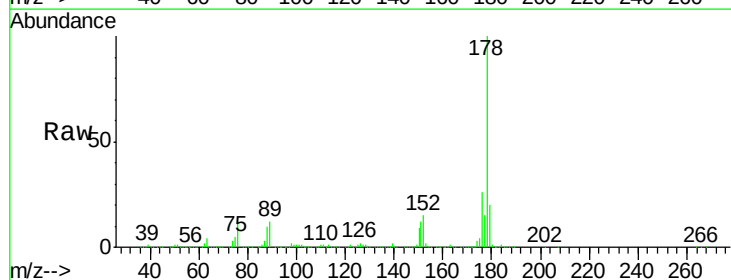
Tgt Ion:178 Resp: 6333345

Ion Ratio Lower Upper

178 100

176 26.3 16.4 24.6#

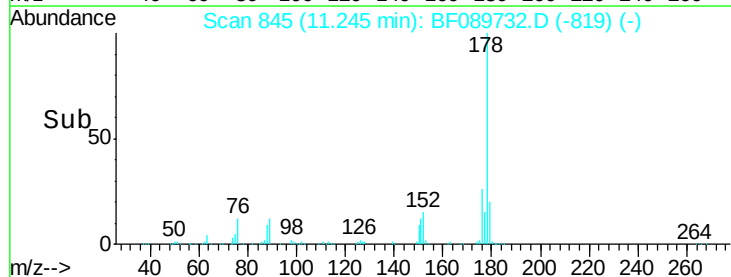
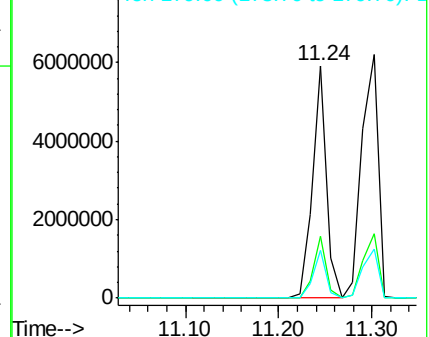
179 20.4 12.5 18.7#

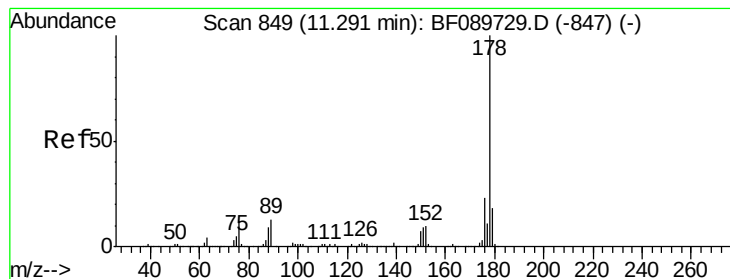


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 67.12 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:178 Resp: 7548512

Ion Ratio Lower Upper

178 100

176 26.4 16.4 24.6#

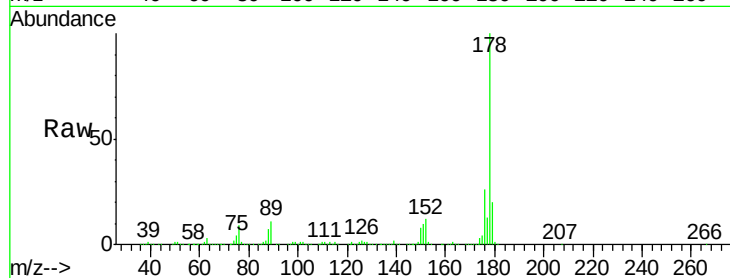
179 20.4 13.1 19.7#

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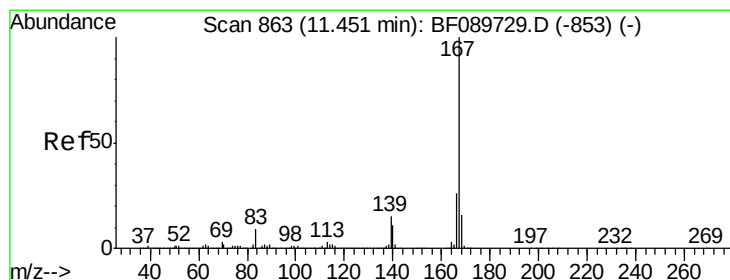
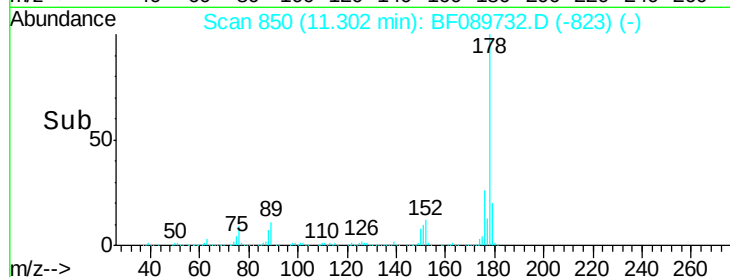
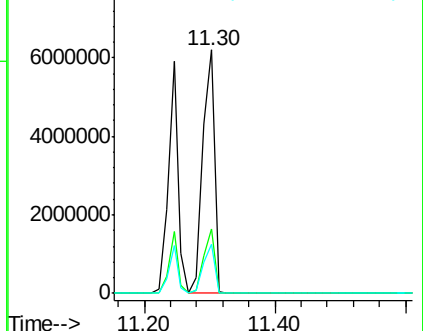
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 56.17 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

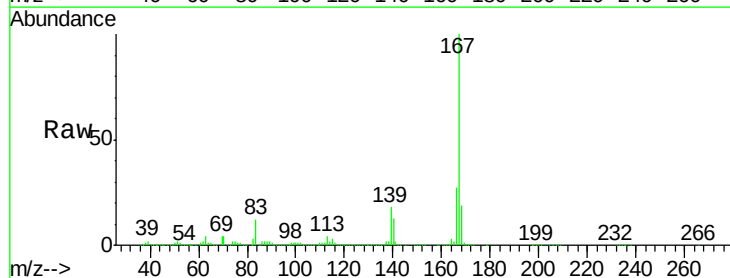
Tgt Ion:167 Resp: 6019759

Ion Ratio Lower Upper

167 100

166 27.4 17.9 26.9#

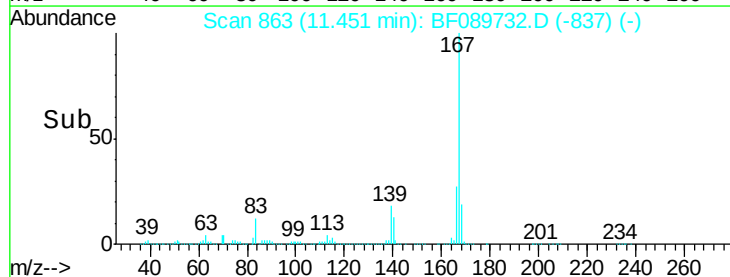
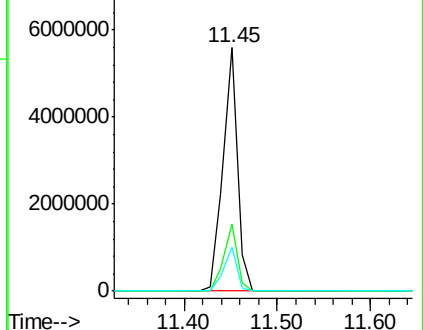
139 17.8 12.4 18.6

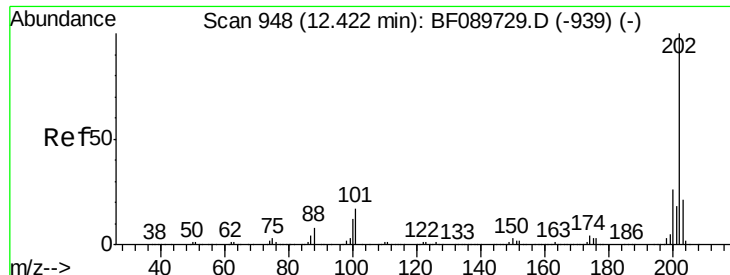


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 64.31 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

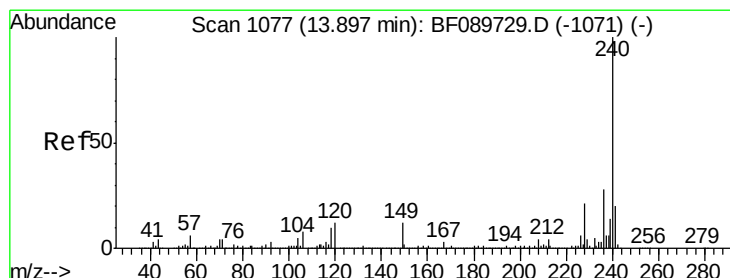
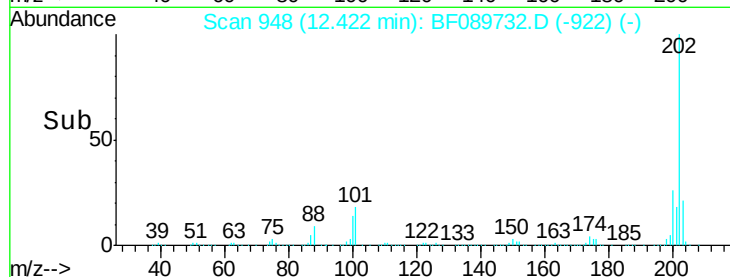
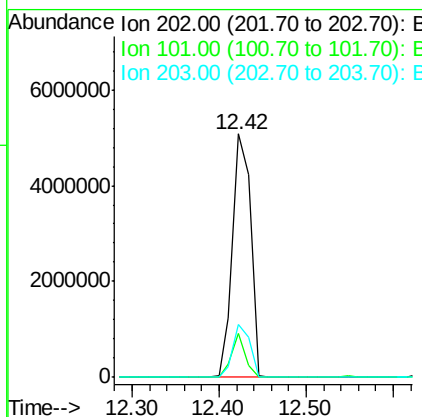
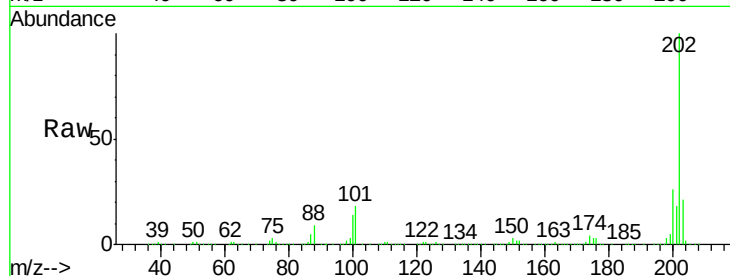
ClientSampleId :

SSTDICC080

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 7303857 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 18.3  | 0.0   | 31.2    |
| 203       | 21.5  | 0.0   | 38.1    |

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#75

Chrysene-d12

Concen: 20.00 ng

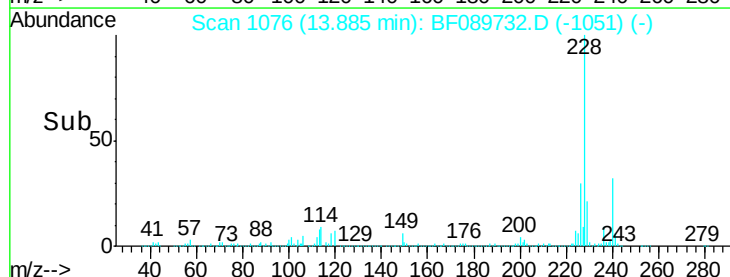
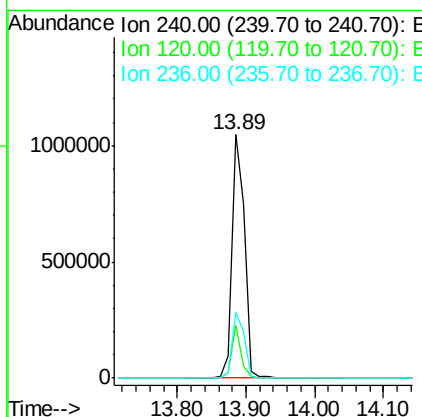
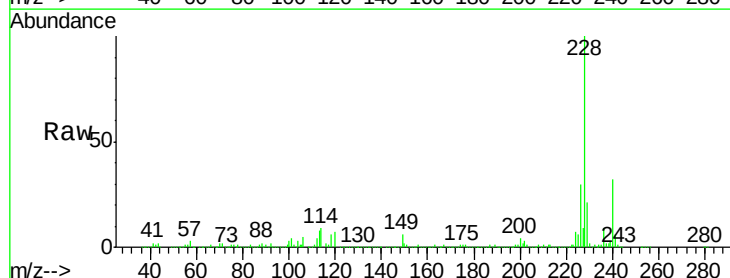
RT: 13.89 min Scan# 1076

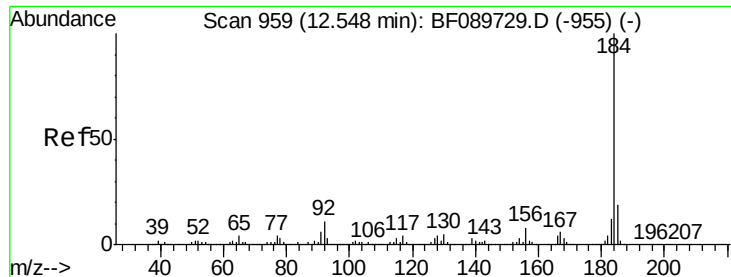
Delta R.T. -0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 240   | Resp: | 1344475 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 21.9  | 8.3   | 12.5#   |
| 236       | 27.0  | 21.3  | 31.9    |





#76

Benzidine

Concen: 95.11 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 4379494

Ion Ratio Lower Upper

184 100

185 21.7 13.8 20.8#

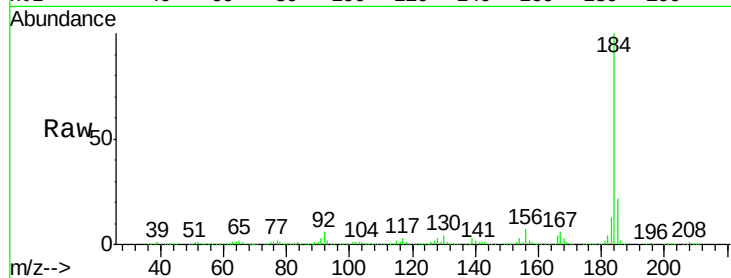
183 12.6 9.7 14.5

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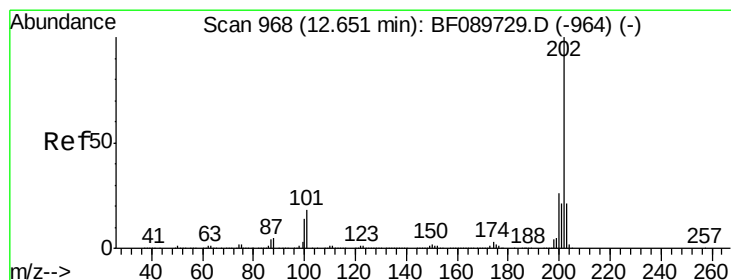
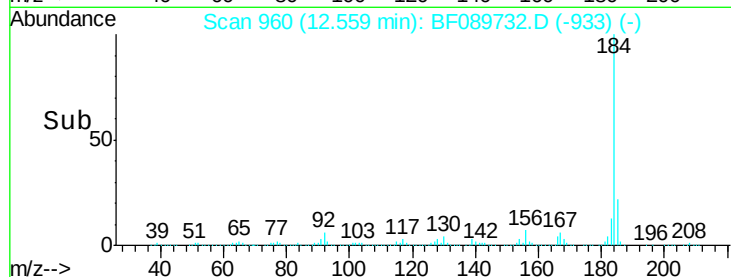
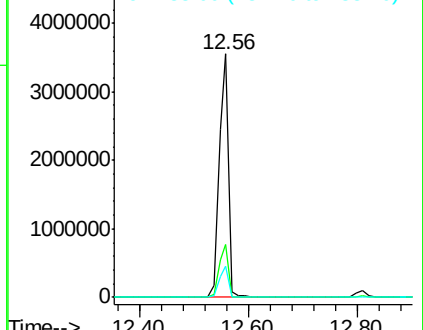
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 82.58 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

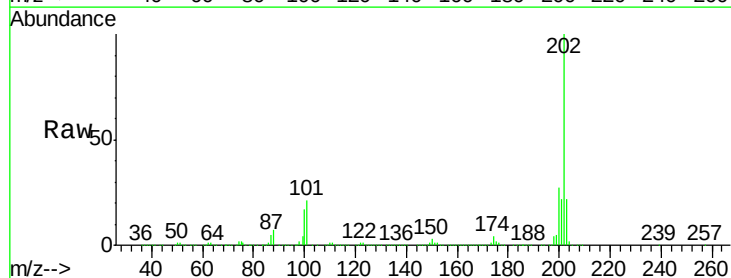
Tgt Ion:202 Resp: 7117350

Ion Ratio Lower Upper

202 100

200 26.8 17.8 26.6#

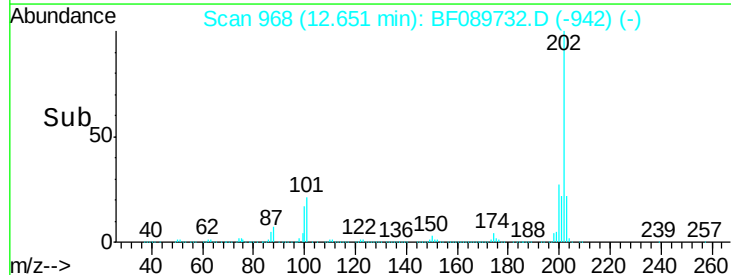
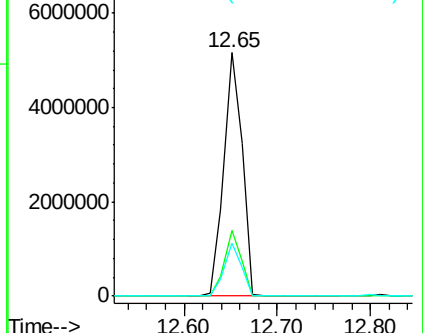
203 21.6 14.2 21.4#



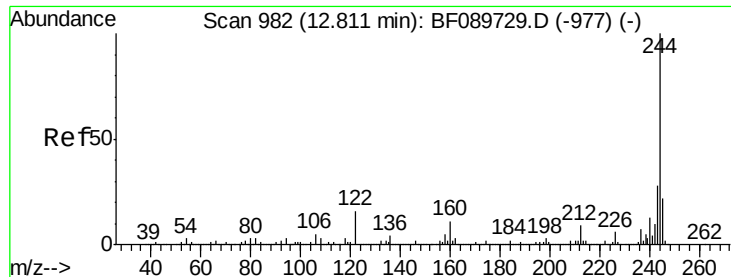
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







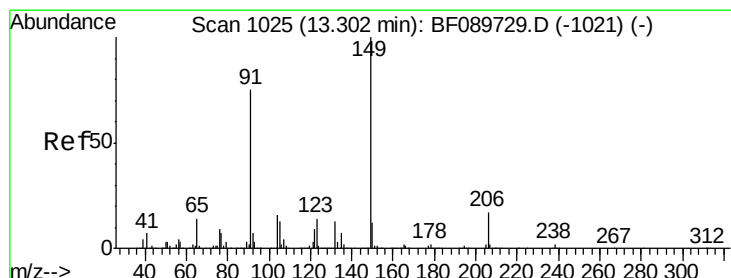
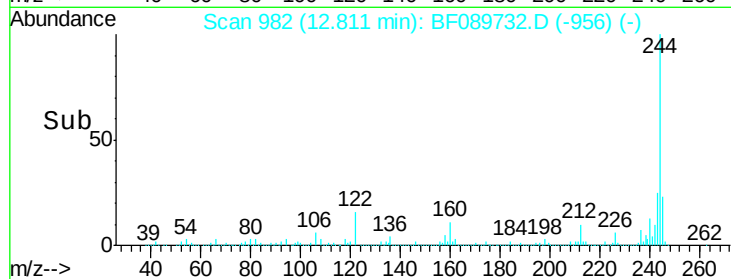
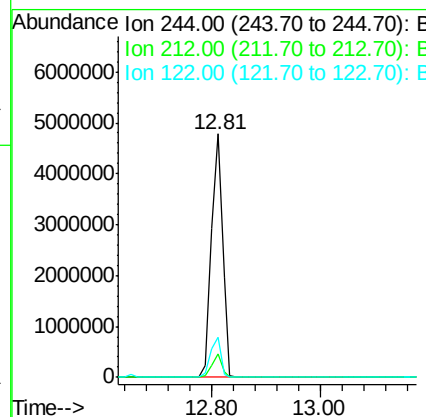
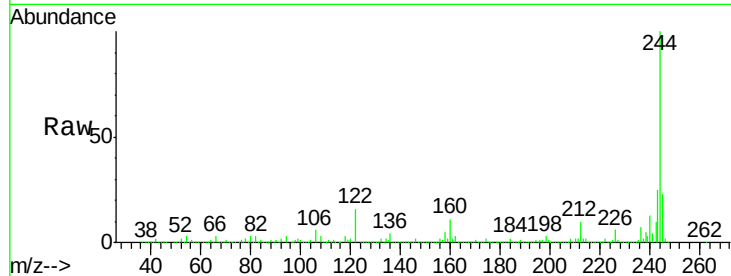
#78  
 Terphenyl-d14  
 Concen: 72.81 ng  
 RT: 12.81 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:244 Resp: 6871064  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 6.3 9.5#  
 122 16.4 12.0 18.0

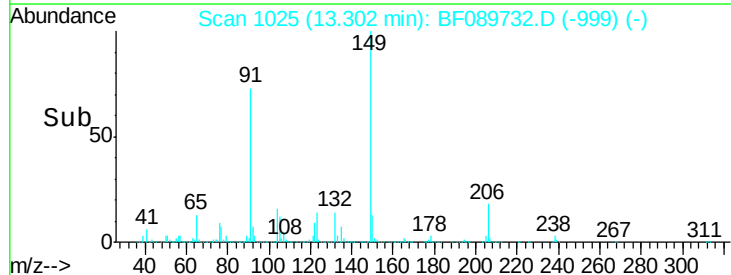
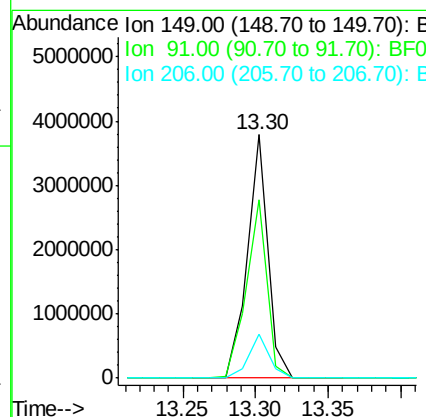
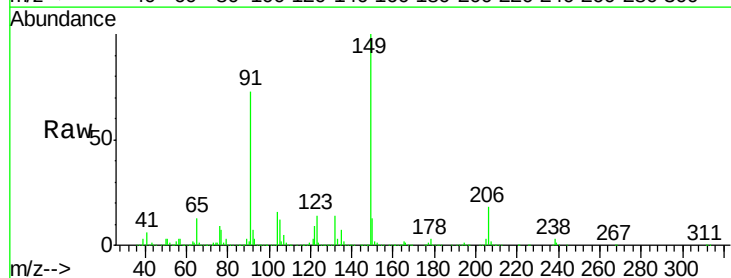
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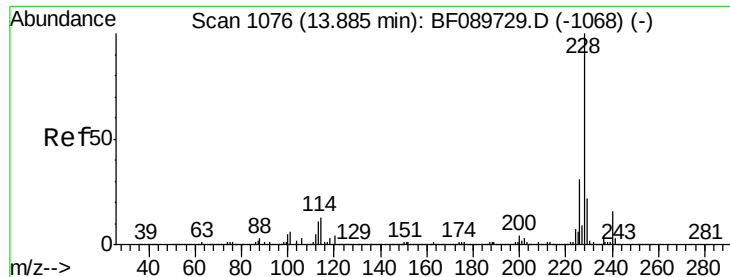
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#79  
 Butylbenzylphthalate  
 Concen: 94.52 ng  
 RT: 13.30 min Scan# 1025  
 Delta R.T. 0.00 min  
 Lab File: BF089732.D  
 Acq: 16 Aug 2016 18:36

Tgt Ion:149 Resp: 3722783  
 Ion Ratio Lower Upper  
 149 100  
 91 73.2 50.7 76.1  
 206 18.3 15.5 23.3





#80

Benzo(a)anthracene

Concen: 80.93 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 6245388

Ion Ratio Lower Upper

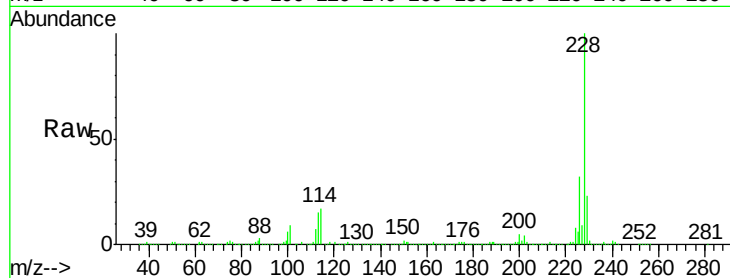
228 100

226 32.4 23.2 34.8

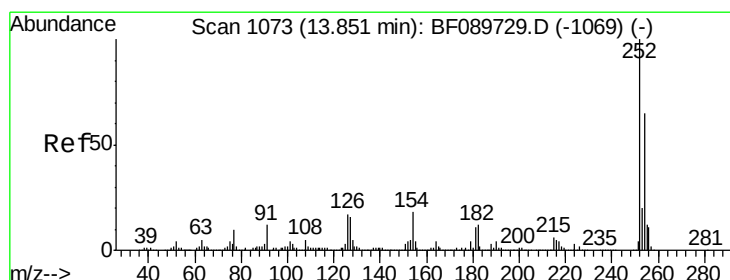
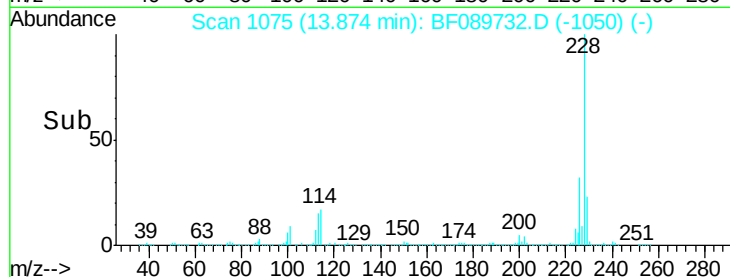
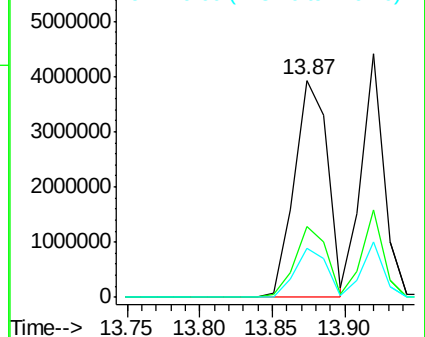
229 22.8 16.2 24.4

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Abundance Ion 228.00 (227.70 to 228.70): E  
6000000  
Ion 226.00 (225.70 to 226.70): E  
5000000  
Ion 229.00 (228.70 to 229.70): E  
4000000  
3000000  
2000000  
1000000  
0



#81

3,3'-Dichlorobenzidine

Concen: 83.48 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

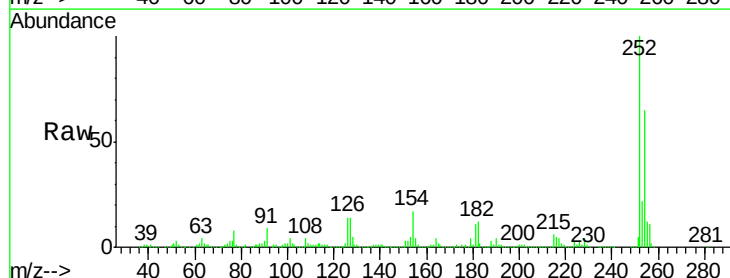
Tgt Ion:252 Resp: 2365102

Ion Ratio Lower Upper

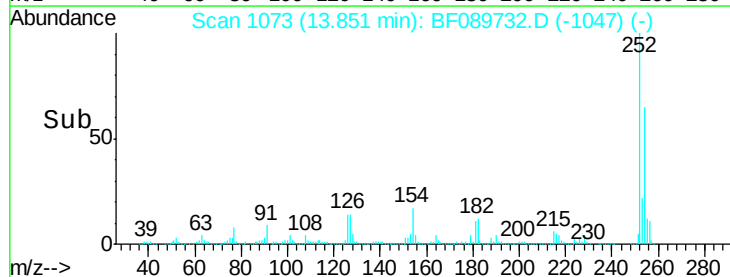
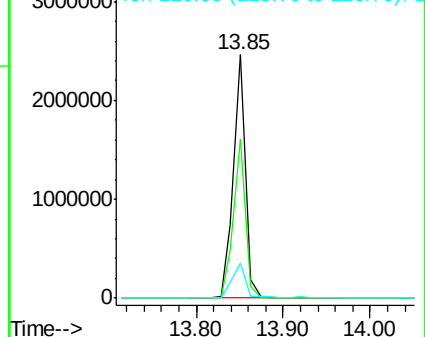
252 100

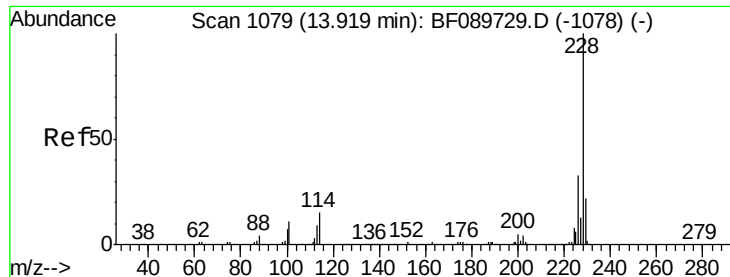
254 65.5 50.6 75.8

126 14.4 12.6 18.8



Abundance Ion 252.00 (251.70 to 252.70): E  
3000000  
Ion 254.00 (253.70 to 254.70): E  
2000000  
Ion 126.00 (125.70 to 126.70): E  
1000000  
0





#82

Chrysene

Concen: 70.27 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 4871446

Ion Ratio Lower Upper

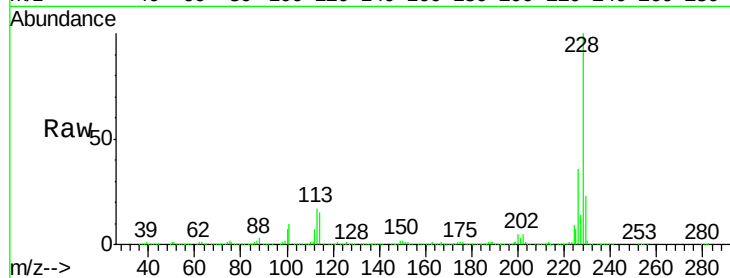
228 100

226 36.0 25.4 38.0

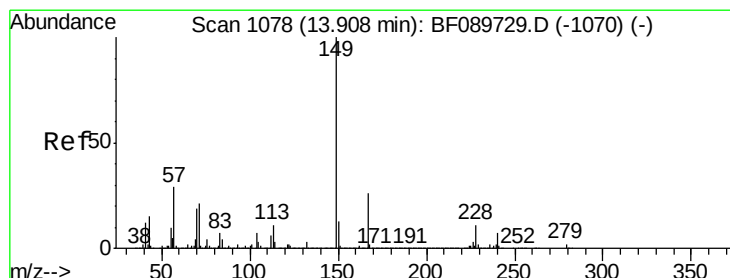
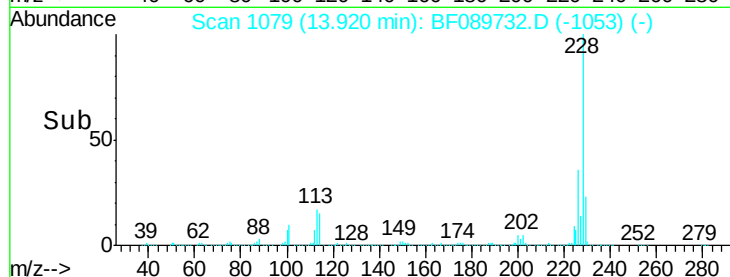
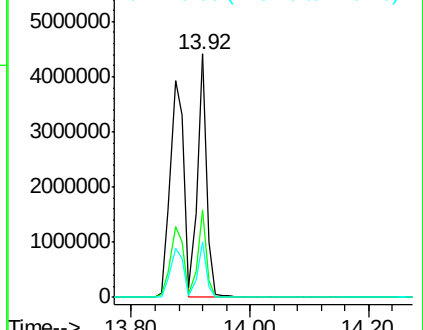
229 22.6 16.5 24.7

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Abundance Ion 228.00 (227.70 to 228.70): E  
6000000  
Ion 226.00 (225.70 to 226.70): E  
5000000  
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 93.45 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

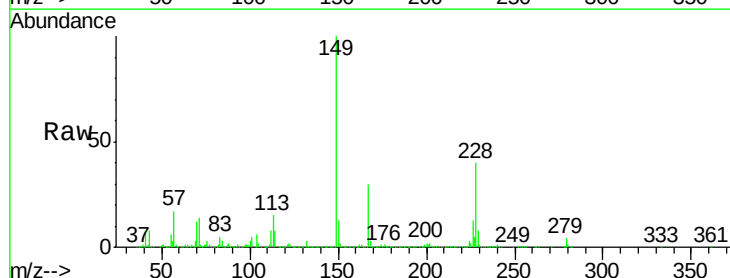
Tgt Ion:149 Resp: 5172526

Ion Ratio Lower Upper

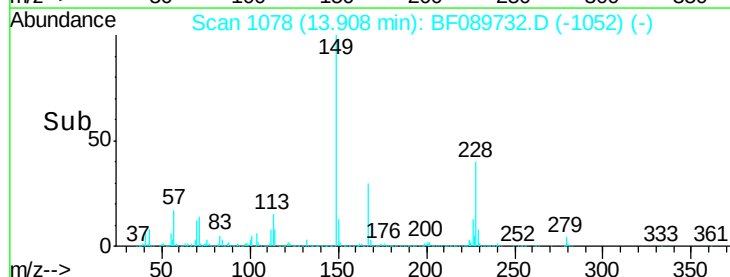
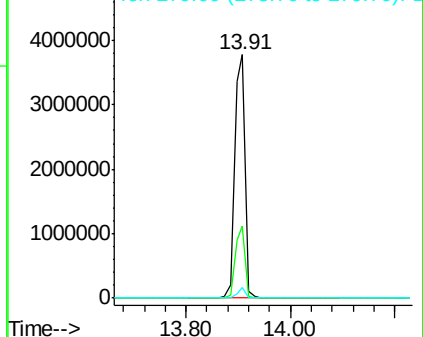
149 100

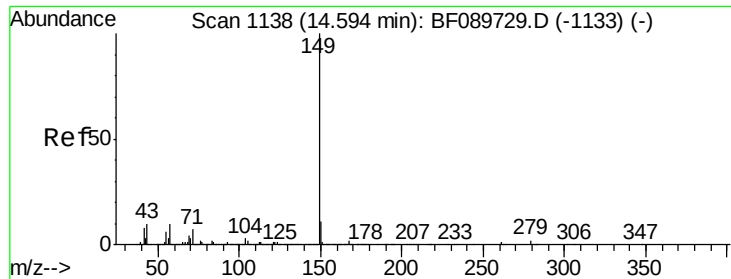
167 29.6 21.2 31.8

279 4.3 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E  
5000000  
Ion 167.00 (166.70 to 167.70): E  
4000000  
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 87.99 ng

RT: 14.58 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion:149 Resp: 7331873

Ion Ratio Lower Upper

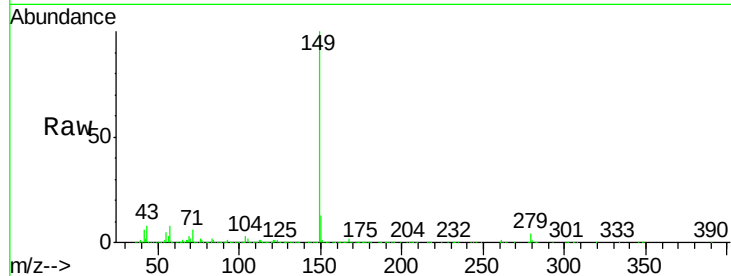
149 100

167 1.8 1.2 1.8#

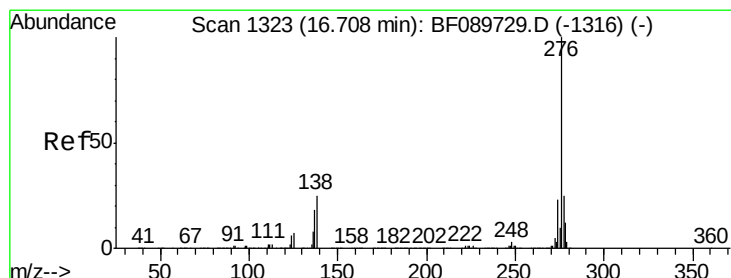
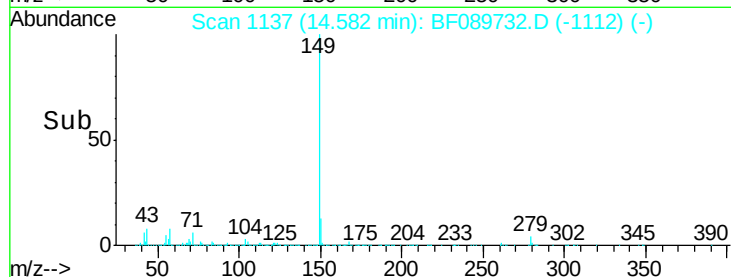
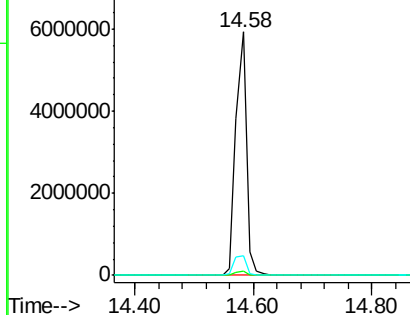
43 9.7 8.4 12.6

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Abundance Ion 149.00 (148.70 to 149.70): E  
8000000  
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: 82.88 ng

RT: 16.69 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

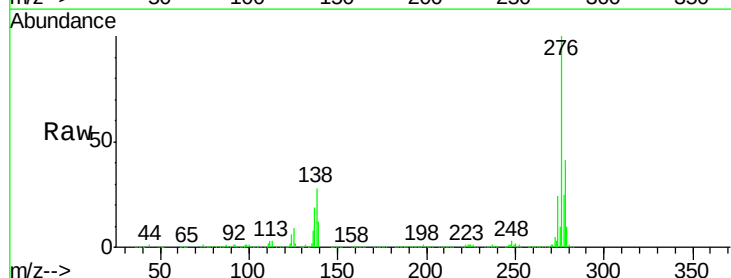
Tgt Ion:276 Resp: 4919674

Ion Ratio Lower Upper

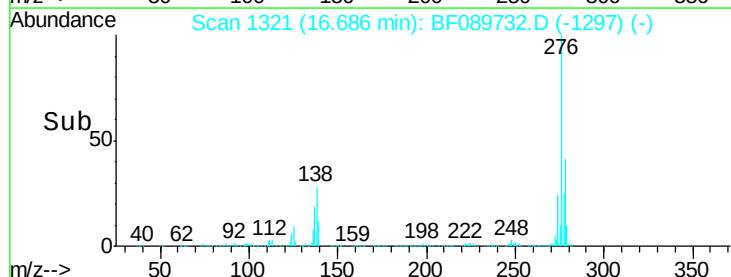
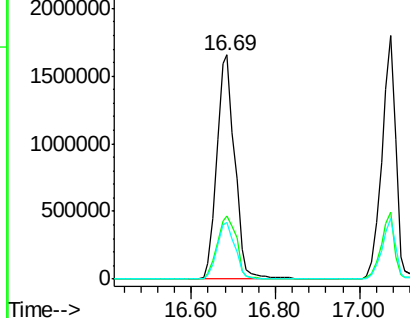
276 100

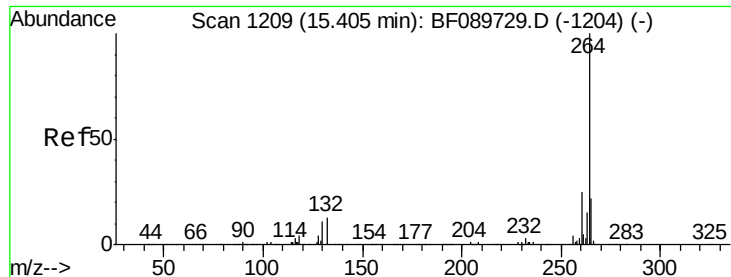
138 30.8 24.6 36.8

277 25.7 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E  
2500000  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1206

Delta R.T. -0.03 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

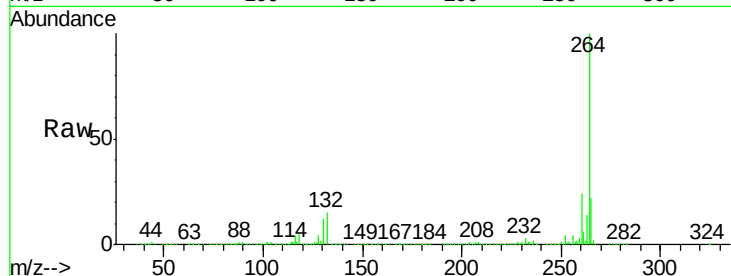
ClientSampleId :

SSTDIC080

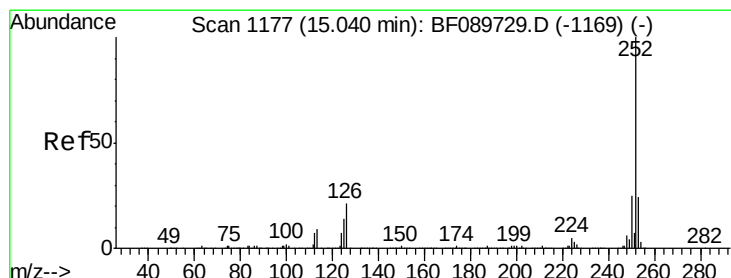
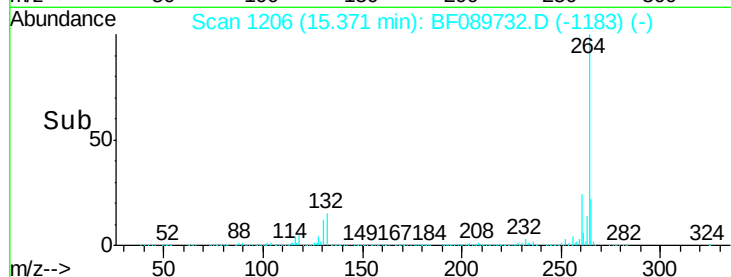
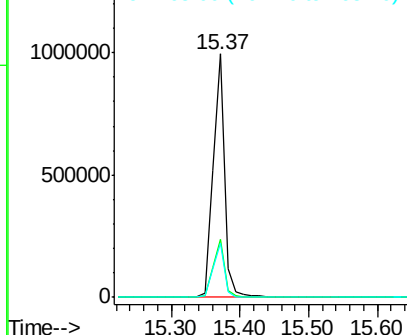
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 264   | Resp: | 1174611 |
| Ion Ratio | Lower | Upper |         |
| 264       | 100   |       |         |
| 260       | 24.1  | 20.2  | 30.2    |
| 265       | 22.2  | 17.4  | 26.2    |

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



#87

Benzo(b)fluoranthene

Concen: 87.77 ng m

RT: 14.98 min Scan# 1172

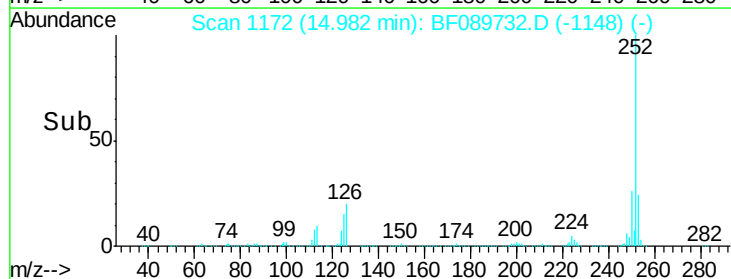
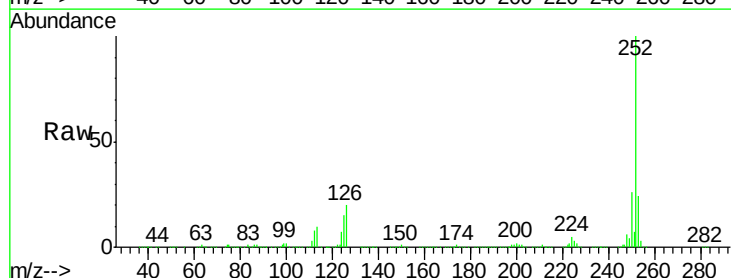
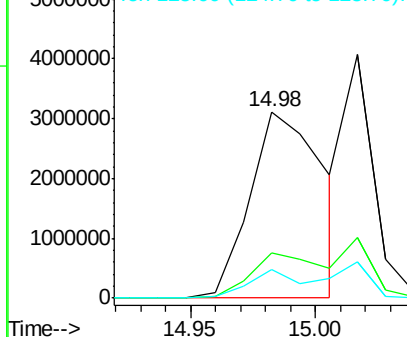
Delta R.T. -0.02 min

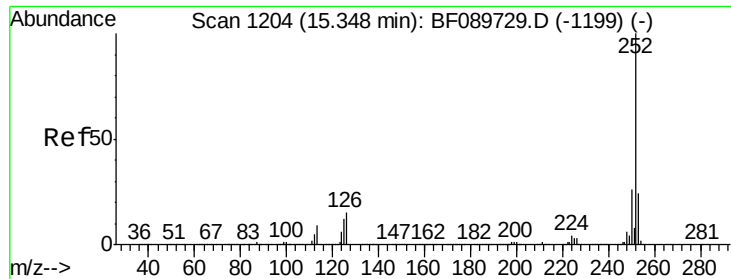
Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 6379772 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 24.5  | 17.8  | 26.8    |
| 125       | 15.0  | 11.4  | 17.2    |

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





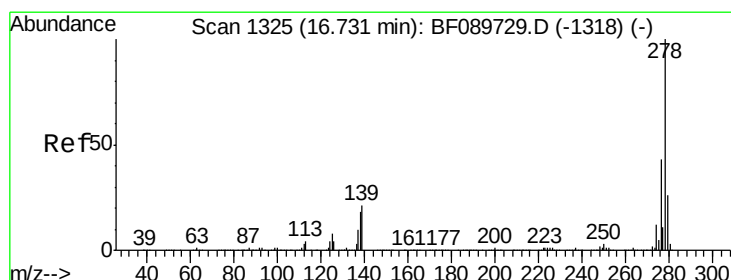
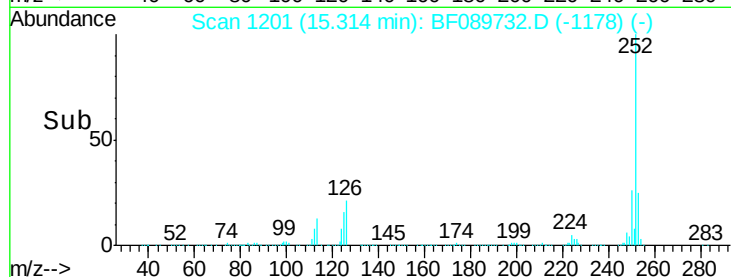
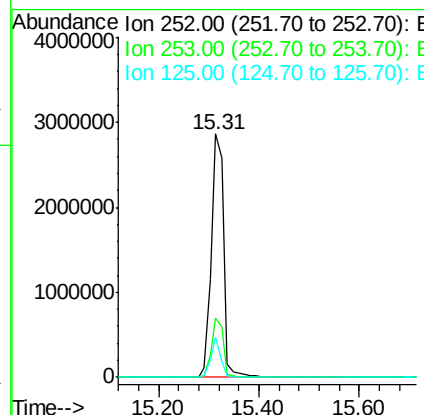
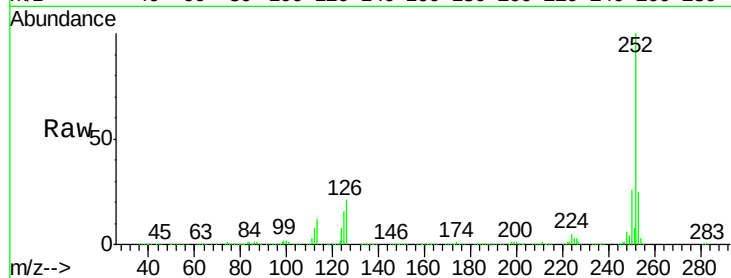
#89  
Benzo(a)pyrene  
Concen: 79.53 ng  
RT: 15.31 min Scan# 1201  
Delta R.T. -0.03 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.5  | 17.8  | 26.8  |
| 125     | 16.3  | 11.7  | 17.5  |

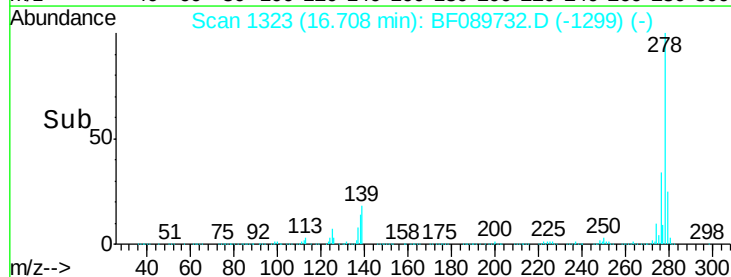
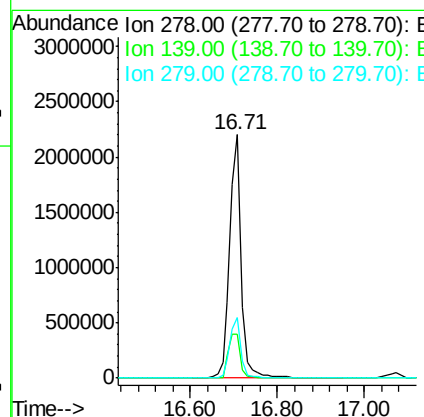
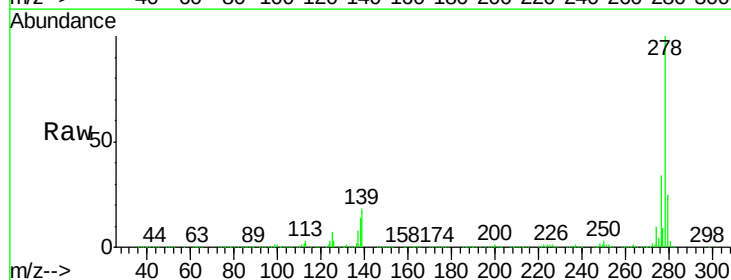
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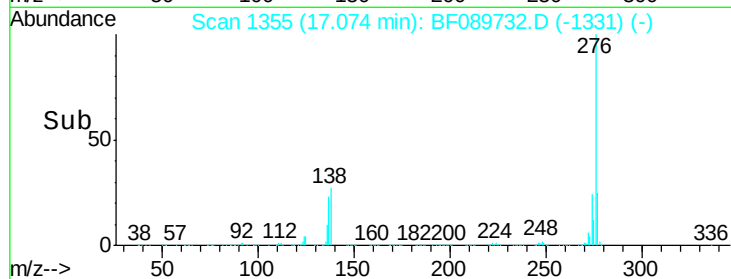
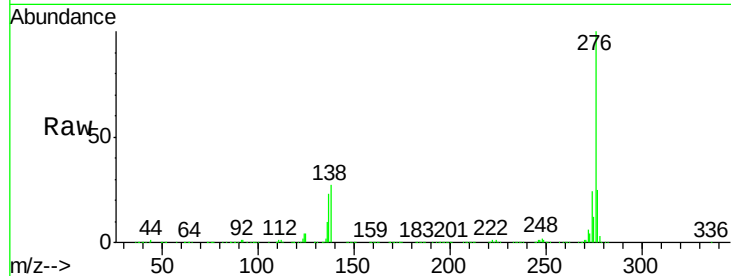
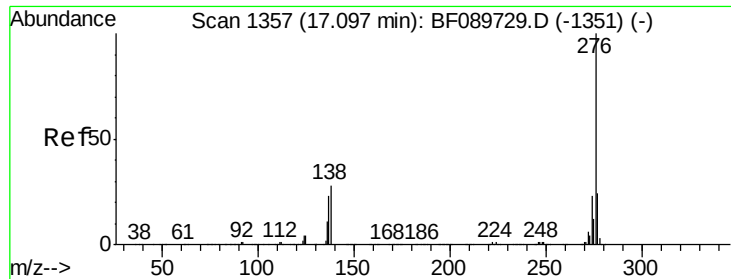
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#90  
Dibenzo(a,h)anthracene  
Concen: 84.43 ng  
RT: 16.71 min Scan# 1323  
Delta R.T. -0.02 min  
Lab File: BF089732.D  
Acq: 16 Aug 2016 18:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.1  | 14.9  | 22.3  |
| 279     | 24.9  | 19.2  | 28.8  |





#91

Benzo(g,h,i)perylene

Concen: 85.14 ng

RT: 17.07 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF089732.D

Acq: 16 Aug 2016 18:36

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tgt Ion: 276 Resp: 4132505

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 27.5 22.1 33.1

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