

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\  
 Data File : BF091877.D  
 Acq On : 22 Dec 2016 11:11  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

SOHIL  
 12/23/2016 5:51:37 PM

Quant Time: Dec 23 00:56:27 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 308515   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.04  | 136  | 1259677  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.79  | 164  | 678181   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.27 | 188  | 1132373  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.91 | 240  | 828066   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.30 | 264  | 724054   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.34  | 112 | 1365742 | 73.92 | ng | 0.00 |
| 7) Phenol-d6                | 6.41  | 99  | 1838426 | 81.50 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.32  | 82  | 1757939 | 77.60 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.58 | 330 | 426653  | 76.02 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.12  | 172 | 2539369 | 75.24 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.85 | 244 | 2259549 | 66.18 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.29 | 88  | 390556  | 42.93  | ng | 98   |
| 3) Pyridine                    | 2.97 | 79  | 1197315 | 37.71  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 2.93 | 42  | 426202  | 35.59  | ng | 99   |
| 6) Aniline                     | 6.41 | 93  | 1121632 | 38.28  | ng | # 68 |
| 8) 2-Chlorophenol              | 6.53 | 128 | 807959  | 38.44  | ng | 98   |
| 9) Benzaldehyde                | 6.29 | 77  | 540744  | 43.30  | ng | 97   |
| 10) Phenol                     | 6.42 | 94  | 1121800 | 43.64  | ng | 86   |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 800137  | 39.12  | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146 | 876615  | 39.07  | ng | # 89 |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 837352  | 36.67  | ng | 100  |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 812692  | 41.01  | ng | 98   |
| 15) Benzyl Alcohol             | 6.90 | 79  | 633380  | 36.13  | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45  | 1167394 | 38.33  | ng | 95   |
| 17) 2-Methylphenol             | 7.02 | 107 | 676174  | 40.00  | ng | 97   |
| 18) Hexachloroethane           | 7.26 | 117 | 331245  | 39.12  | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70  | 567795  | 37.83  | ng | 100  |
| 20) 3+4-Methylphenols          | 7.18 | 107 | 824991  | 40.92  | ng | # 70 |
| 22) Acetophenone               | 7.17 | 105 | 1217831 | 39.20  | ng | # 96 |
| 24) Nitrobenzene               | 7.34 | 77  | 957247  | 39.67  | ng | # 80 |
| 25) Isophorone                 | 7.58 | 82  | 1661508 | 39.75  | ng | 99   |
| 26) 2-Nitrophenol              | 7.65 | 139 | 449716  | 37.80  | ng | 98   |
| 27) 2,4-Dimethylphenol         | 7.71 | 122 | 767490  | 38.89  | ng | 93   |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93  | 943326  | 37.22  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.90 | 162 | 686099  | 41.06  | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 7.98 | 180 | 721145  | 39.38  | ng | 98   |
| 31) Naphthalene                | 8.05 | 128 | 2271628 | 39.40  | ng | 100  |
| 32) Benzoic acid               | 7.85 | 122 | 601961  | 41.12  | ng | 97   |
| 33) 4-Chloroaniline            | 8.11 | 127 | 971968  | 37.39  | ng | 98   |
| 34) Hexachlorobutadiene        | 8.18 | 225 | 376548  | 38.96  | ng | 100  |
| 35) Caprolactam                | 8.50 | 113 | 209091  | 38.08  | ng | # 63 |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107 | 735321  | 38.24  | ng | 98   |
| 37) 2-Methylnaphthalene        | 8.75 | 142 | 1510479 | 42.32  | ng | 99   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216 | 615440  | 35.92  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 228123  | 32.39  | ng | 96   |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 12/23/2016 5:51:37 PM

Quant Time: Dec 23 00:56:27 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.04  | 196  | 462674m  | 38.61 | nq    |          |
| 43) 2,4,5-Trichlorophenol      | 9.08  | 196  | 462819m  | 37.53 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.22  | 154  | 1892723  | 40.76 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.24  | 162  | 1425001  | 38.75 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 504518   | 38.53 | nq    | 98       |
| 48) Acenaphthylene             | 9.65  | 152  | 2217535  | 39.21 | nq    | 99       |
| 49) Dimethylphthalate          | 9.53  | 163  | 1694860  | 39.07 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.58  | 165  | 394111   | 41.51 | nq    | 92       |
| 51) Acenaphthene               | 9.82  | 154  | 1403547  | 36.61 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.76  | 138  | 509043   | 43.33 | nq    | 82       |
| 53) 2,4-Dinitrophenol          | 9.86  | 184  | 184937   | 35.01 | nq    | # 86     |
| 54) Dibenzofuran               | 10.00 | 168  | 1899362  | 36.68 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.93  | 139  | 316174   | 39.63 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 9.98  | 165  | 445029   | 37.35 | nq    | 92       |
| 57) Fluorene                   | 10.34 | 166  | 1608919  | 42.71 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 366234   | 37.55 | nq    | 98       |
| 59) Diethylphthalate           | 10.21 | 149  | 1585637  | 37.64 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.33 | 204  | 620759   | 37.63 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.36 | 138  | 503311   | 41.34 | nq    | 95       |
| 62) Azobenzene                 | 10.49 | 77   | 1867782  | 40.27 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.40 | 198  | 298890   | 43.65 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.45 | 169  | 1400383  | 41.68 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.82 | 248  | 470787   | 39.97 | nq    | # 87     |
| 67) Hexachlorobenzene          | 10.89 | 284  | 488735   | 38.82 | nq    | # 86     |
| 68) Atrazine                   | 10.98 | 200  | 343156   | 31.66 | nq    | 99       |
| 69) Pentachlorophenol          | 11.08 | 266  | 252244   | 40.83 | nq    | 99       |
| 70) Phenanthrene               | 11.29 | 178  | 2262624  | 36.85 | nq    | 98       |
| 71) Anthracene                 | 11.35 | 178  | 2226606  | 39.13 | nq    | 100      |
| 72) Carbazole                  | 11.51 | 167  | 2196990  | 42.33 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.84 | 149  | 2265592  | 38.33 | nq    | 100      |
| 74) Fluoranthene               | 12.48 | 202  | 2099330  | 38.41 | nq    | 100      |
| 76) Benzidine                  | 12.60 | 184  | 763984   | 34.18 | nq    | 99       |
| 77) Pyrene                     | 12.71 | 202  | 2247248  | 36.99 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.33 | 149  | 1124788  | 40.71 | nq    | # 83     |
| 80) Benzo(a)anthracene         | 13.89 | 228  | 1615376  | 34.56 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 625302   | 35.28 | nq    | 97       |
| 82) Chrysene                   | 13.93 | 228  | 1666393  | 35.54 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 1202395  | 36.95 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 14.50 | 149  | 2253048  | 37.38 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.64 | 276  | 1567192  | 38.58 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.91 | 252  | 1922963m | 42.66 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.93 | 252  | 1241245m | 32.29 | nq    |          |
| 89) Benzo(a)pyrene             | 15.24 | 252  | 1501619  | 37.53 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.65 | 278  | 1305968  | 39.71 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.04 | 276  | 1326912  | 38.80 | nq    | # 94     |

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

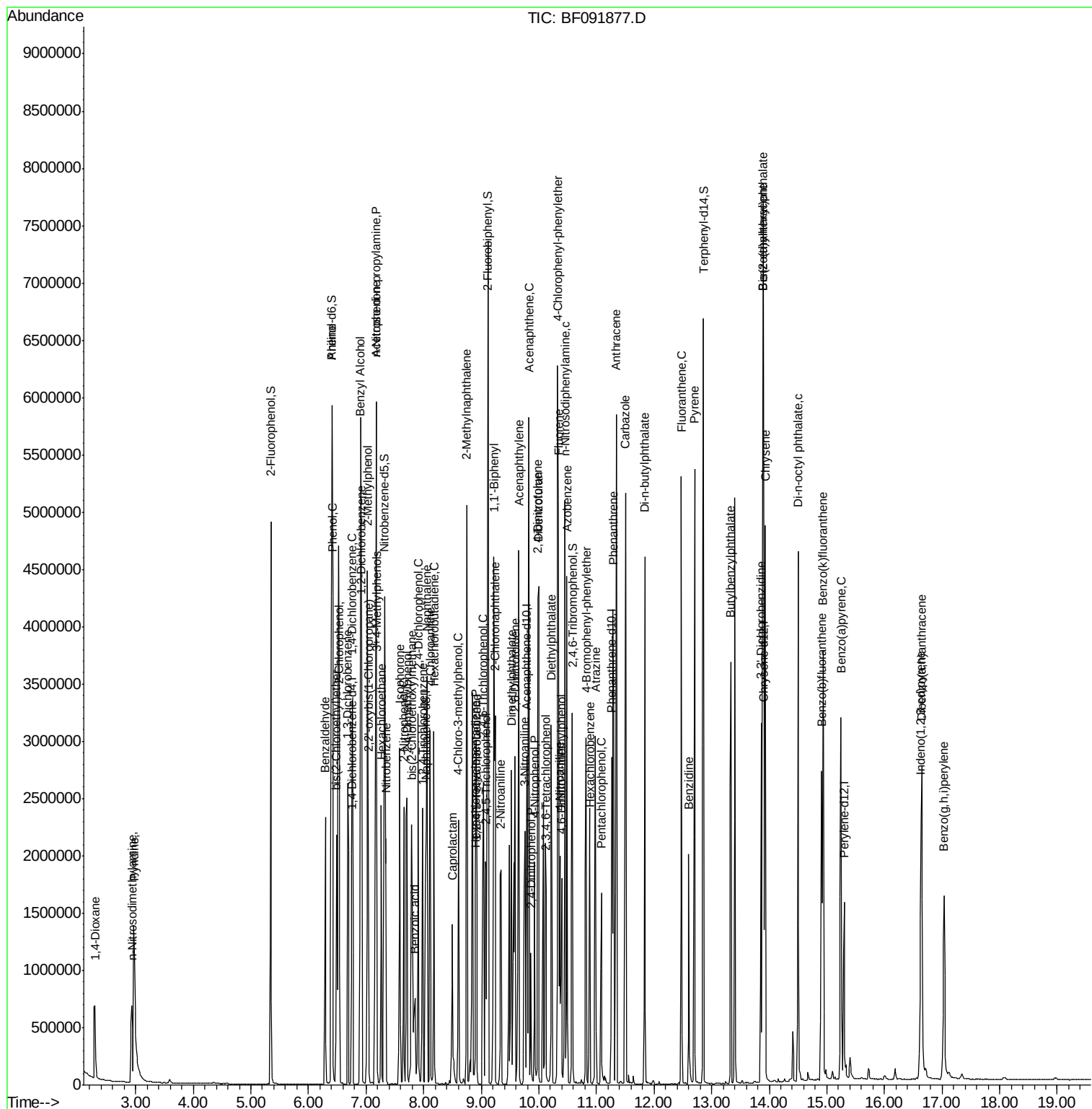
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\  
Data File : BF091877.D  
Acq On    : 22 Dec 2016  11:11  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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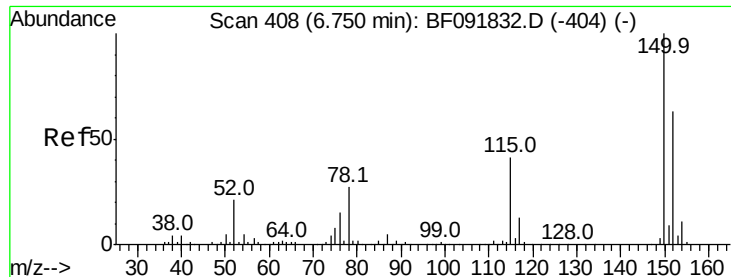
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

SOHIL  
12/23/2016 5:51:37 PM

Quant Time: Dec 23 00:56:27 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 16:17:51 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

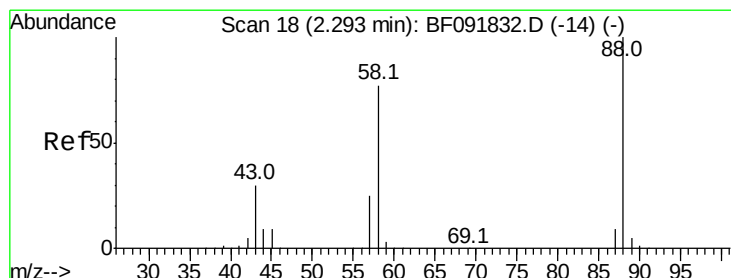
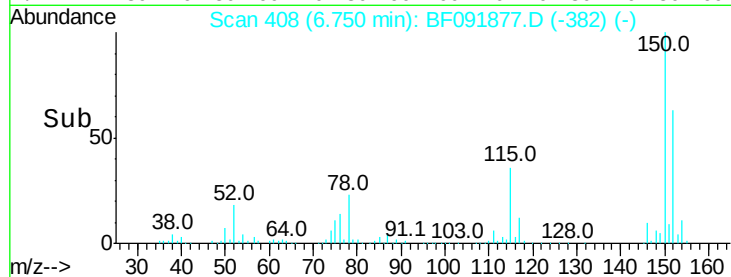
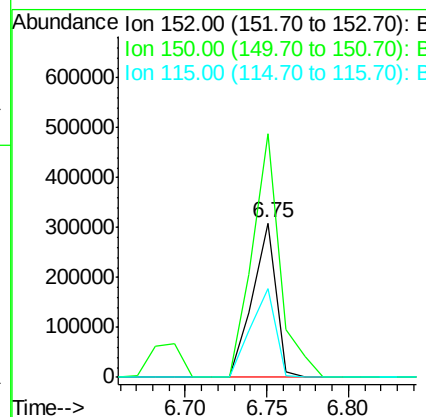
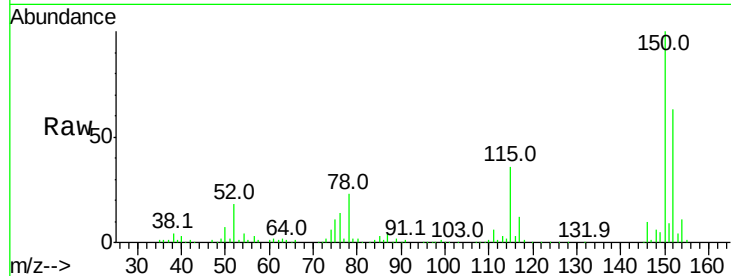
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.9 | 187.3 |
| 115     | 57.4  | 46.0  | 69.0  |

Manual Integrations  
APPROVED

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#2

1,4-Dioxane

Concen: 42.93 ng

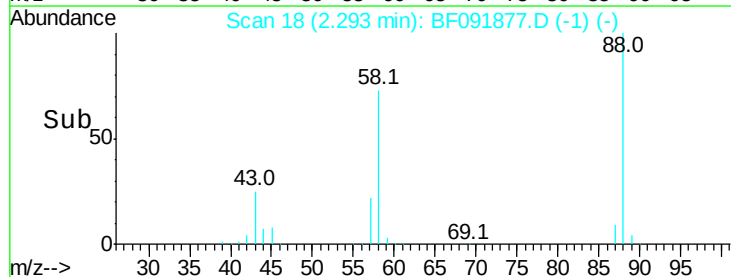
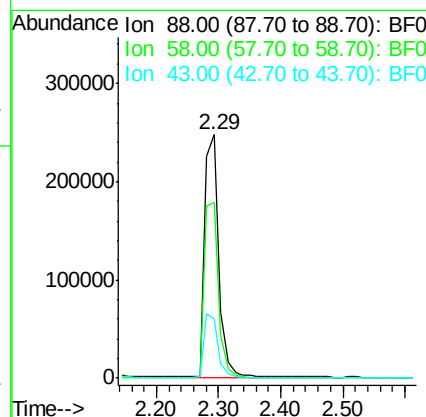
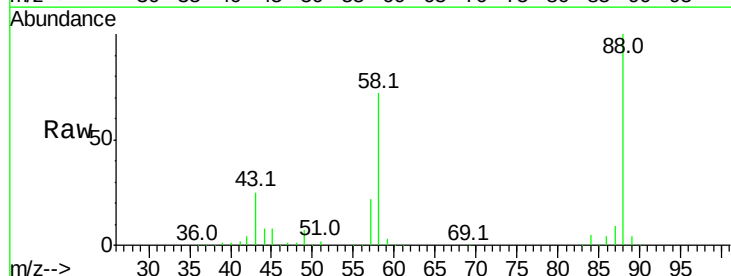
RT: 2.29 min Scan# 18

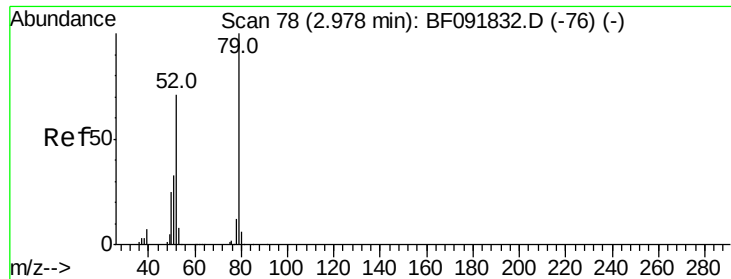
Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.3  | 57.8  | 86.8  |
| 43      | 26.1  | 22.3  | 33.5  |





#3  
 Pvridine  
 Concen: 37.71 ng  
 RT: 2.97 min Scan# 77  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

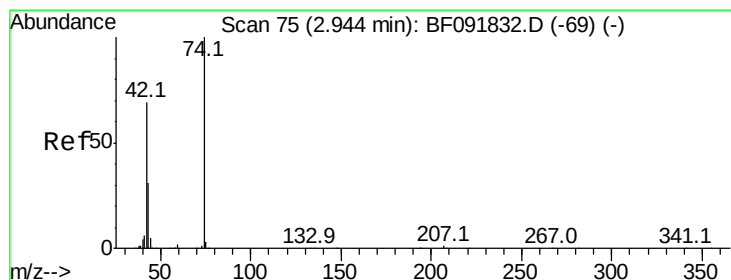
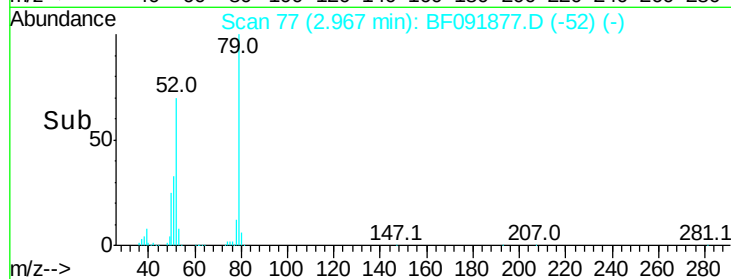
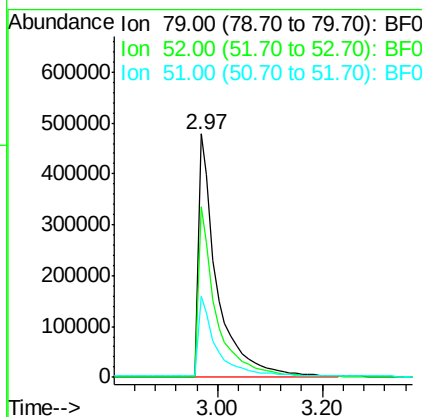
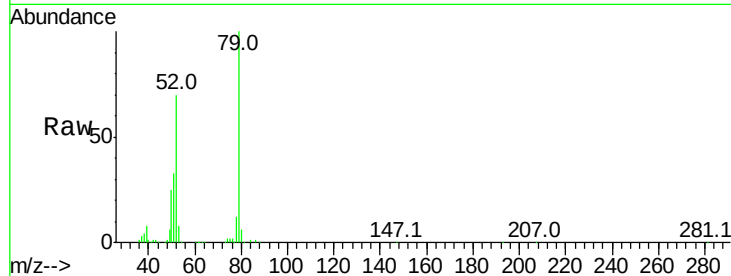
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 79 Resp: 1197315  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 70.1  | 57.1  | 85.7  |
| 51  | 33.3  | 27.3  | 40.9  |

Manual Integrations  
 APPROVED

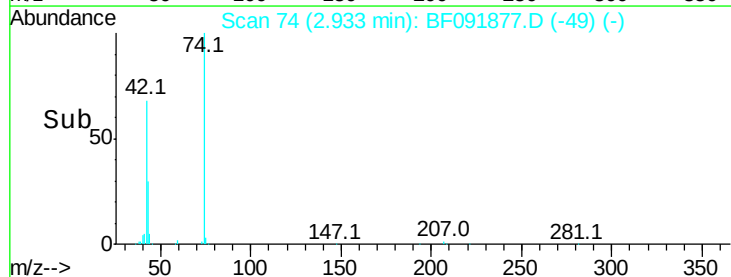
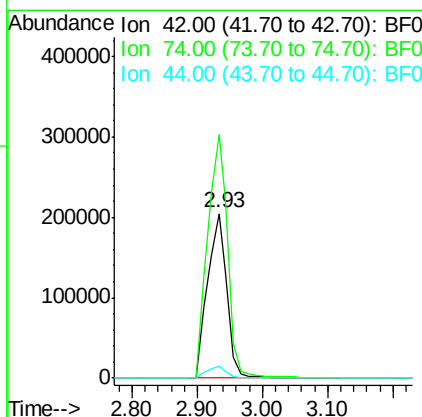
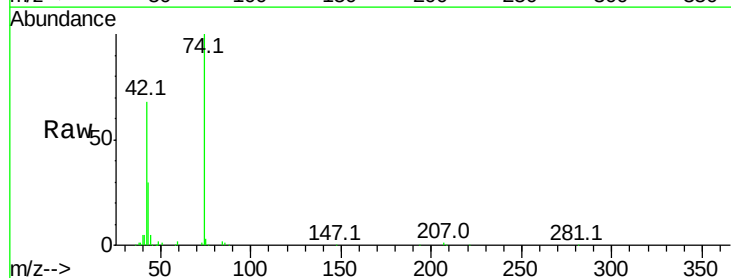
SOHIL  
 12/23/2016 5:51:37 PM

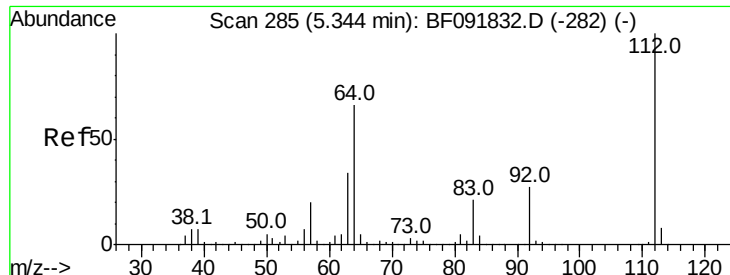


#4  
 n-Nitrosodimethylamine  
 Concen: 35.59 ng  
 RT: 2.93 min Scan# 74  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Tgt Ion: 42 Resp: 426202  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 147.9 | 117.0 | 175.4 |
| 44  | 6.9   | 5.5   | 8.3   |





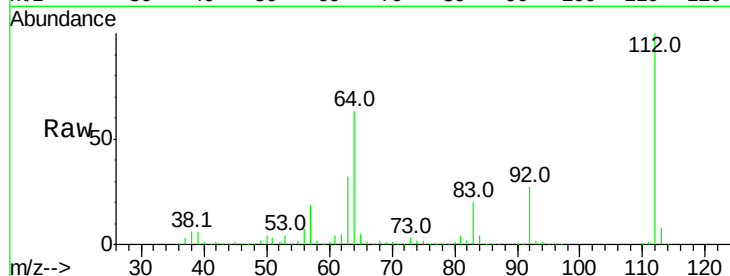
#5  
2-Fluorophenol  
Concen: 73.92 ng  
RT: 5.34 min Scan# 285  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.2  | 46.1  | 69.1  |
| 63      | 32.2  | 23.8  | 35.6  |

Manual Integrations  
APPROVED

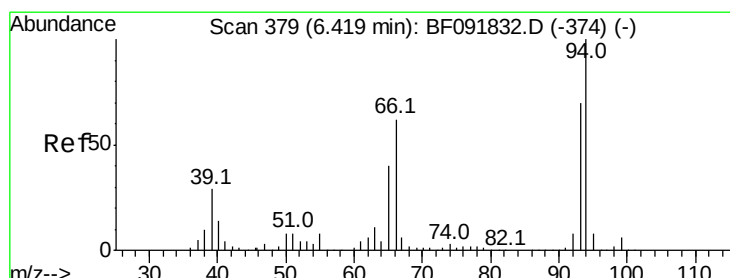
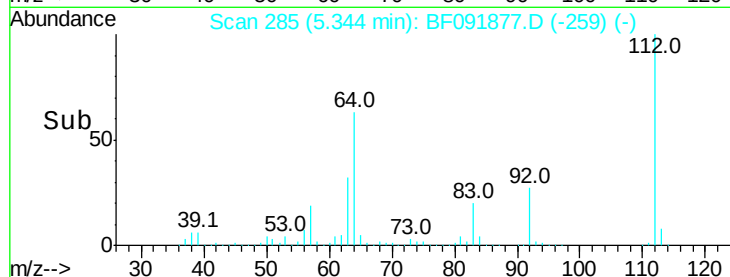
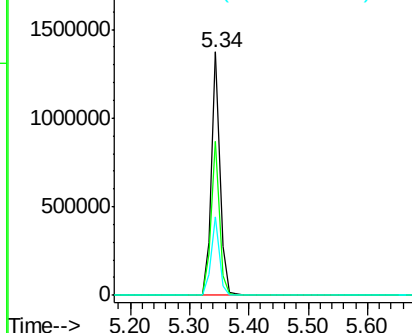
SOHIL  
12/23/2016 5:51:37 PM



Abundance Ion 112.00 (111.70 to 112.70): E

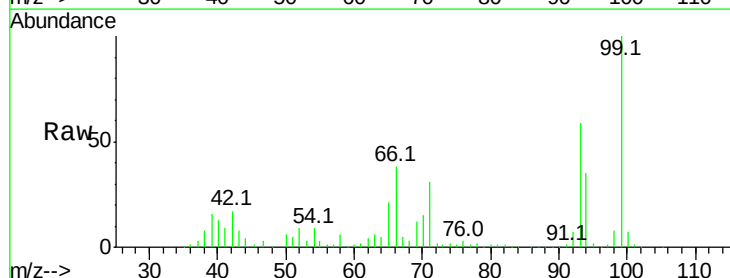
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6  
Aniline  
Concen: 38.28 ng  
RT: 6.41 min Scan# 378  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

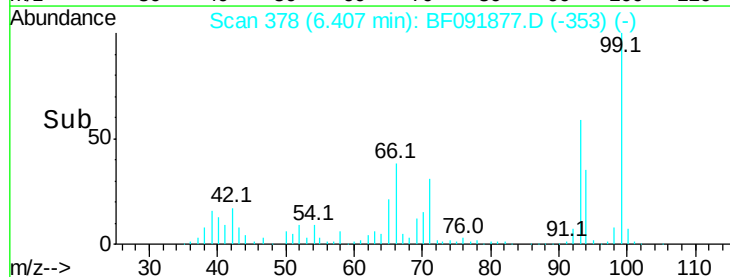
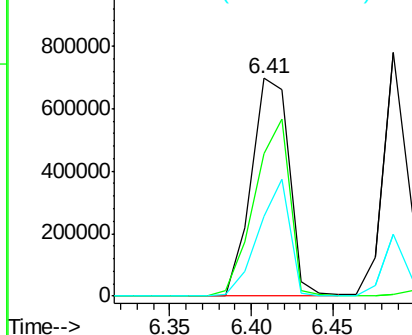
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 66      | 65.2  | 76.2  | 114.2# |
| 65      | 36.4  | 49.3  | 73.9#  |

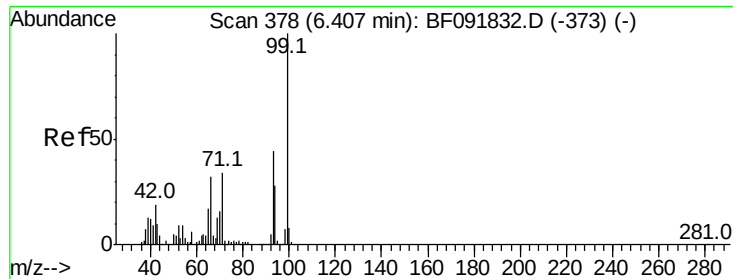


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.50 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1838426

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

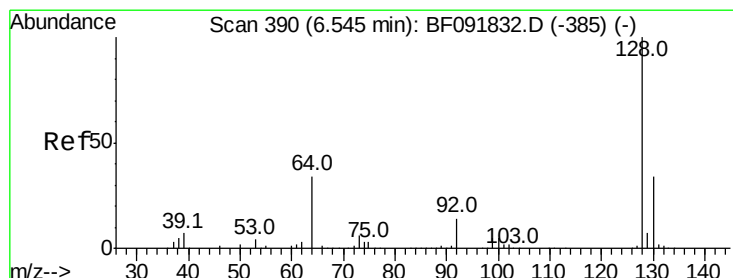
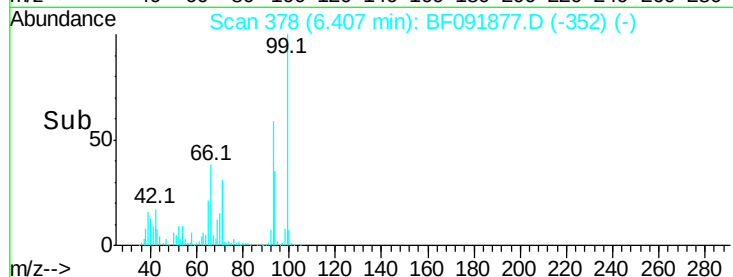
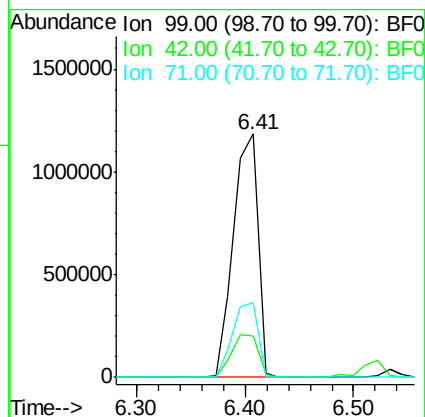
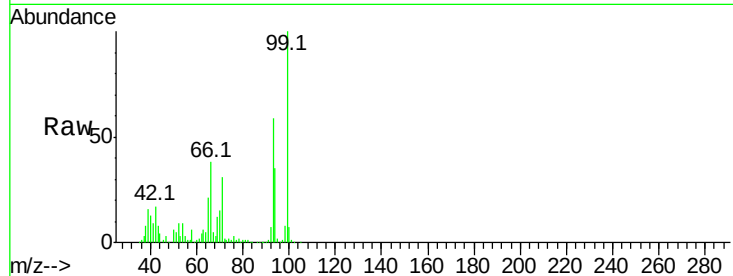
71 30.5 27.5 41.3

Manual Integrations

APPROVED

SOHIL

12/23/2016 5:51:37 PM



#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

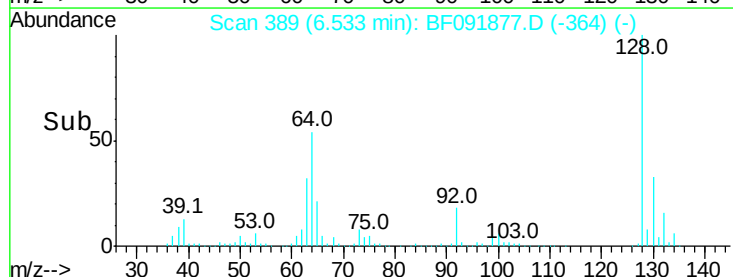
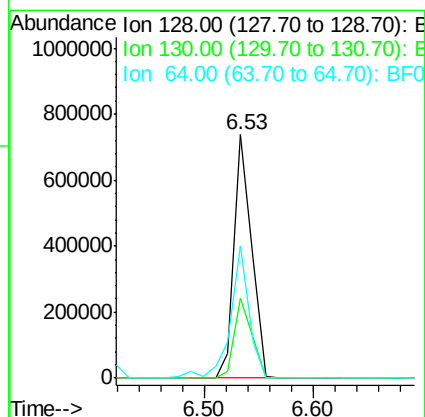
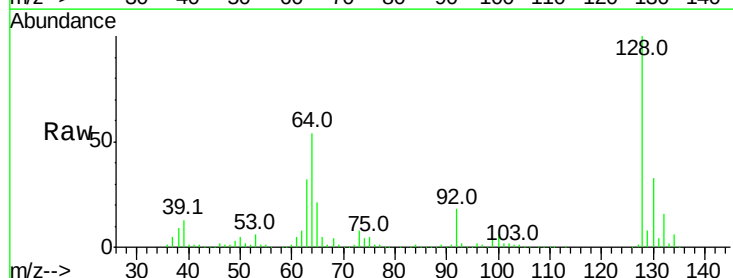
Tgt Ion: 128 Resp: 807959

Ion Ratio Lower Upper

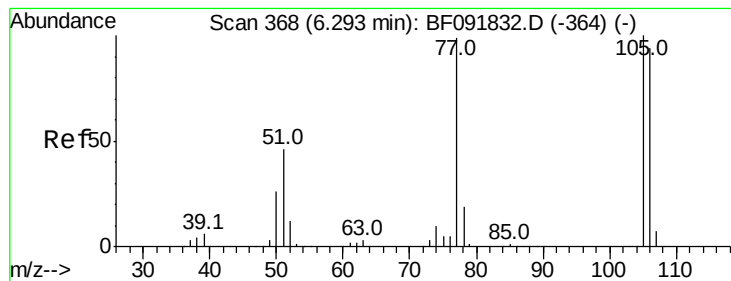
128 100

130 32.7 12.3 52.3

64 54.4 32.2 72.2







#9

Benzaldehyde

Concen: 43.30 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

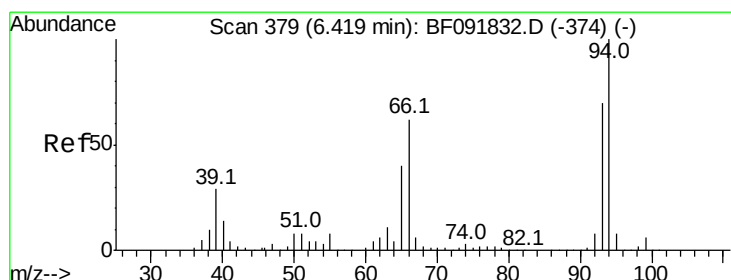
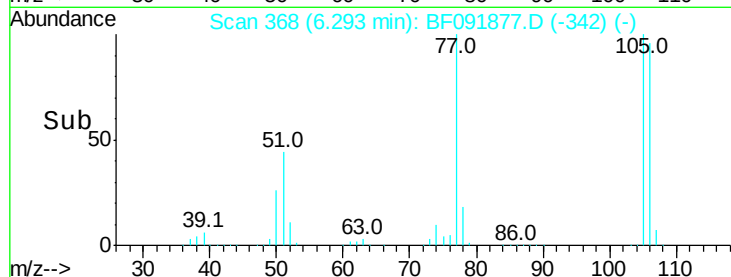
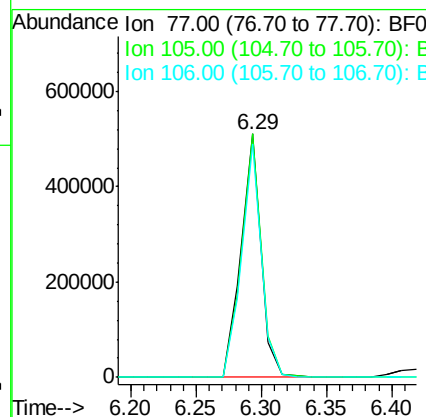
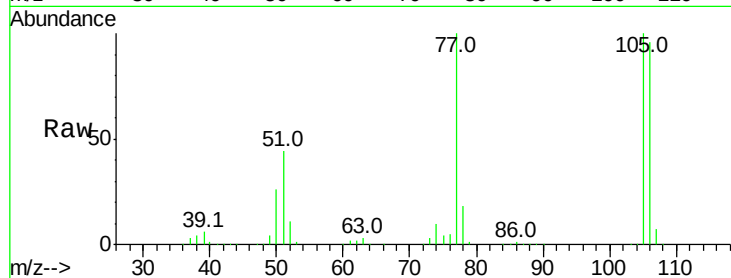
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.1 | 83.9  | 123.9 |
| 106     | 96.0  | 77.6  | 117.6 |

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#10

Phenol

Concen: 43.64 ng

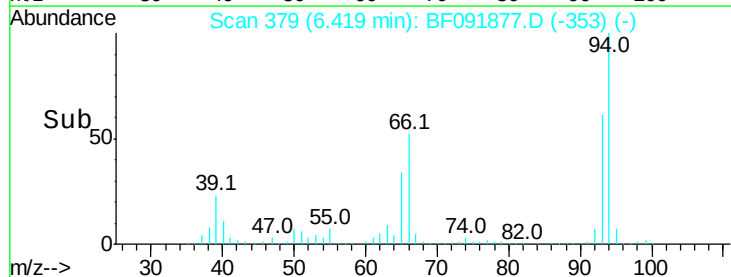
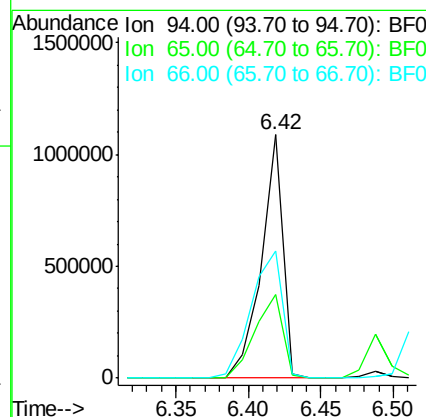
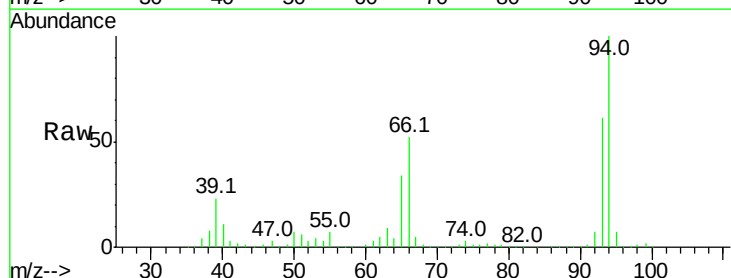
RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

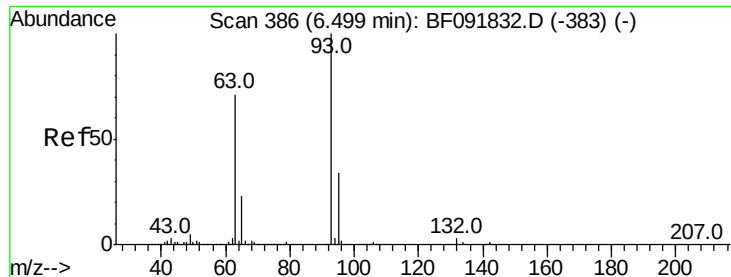
Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.4  | 21.4  | 61.4  |
| 66      | 52.1  | 44.0  | 84.0  |







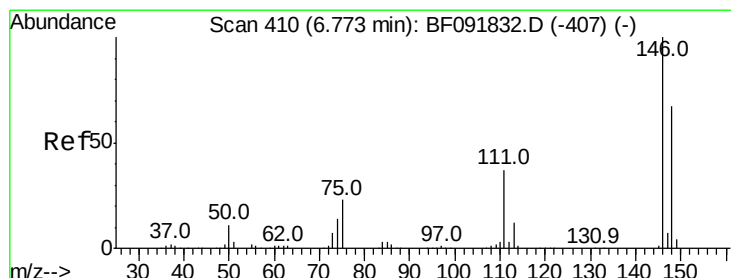
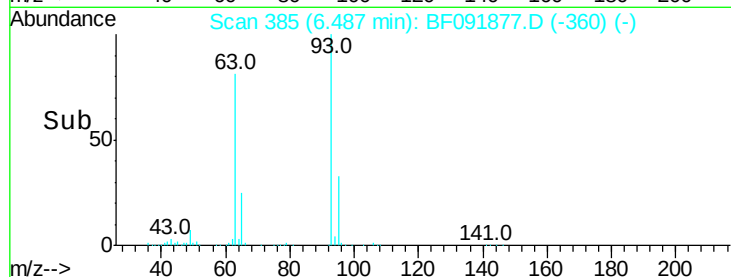
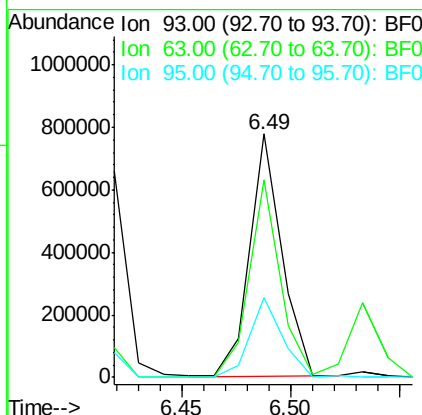
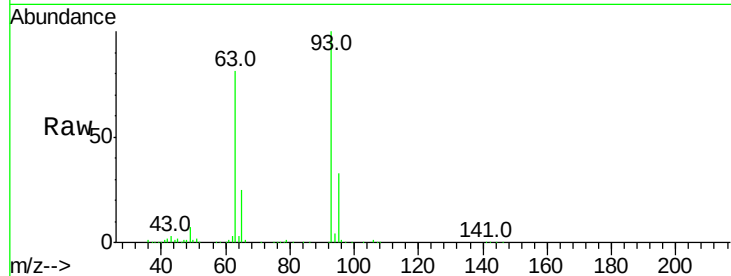
#11  
bis(2-Chloroethyl)ether  
Concen: 39.12 ng  
RT: 6.49 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.2  | 60.4  | 100.4 |
| 95      | 32.8  | 12.8  | 52.8  |

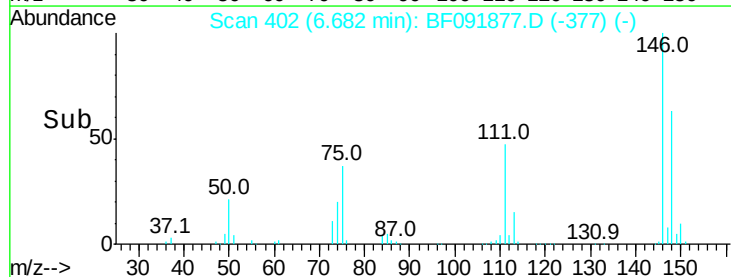
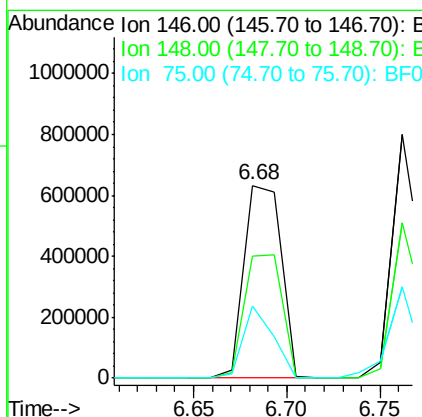
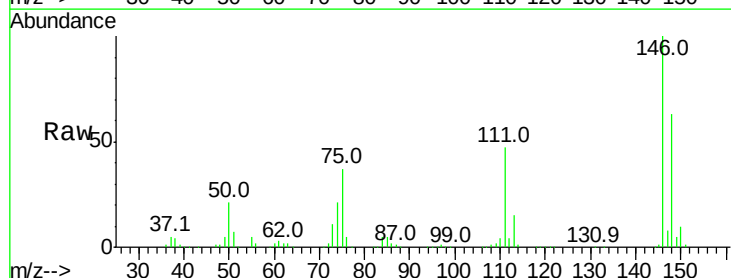
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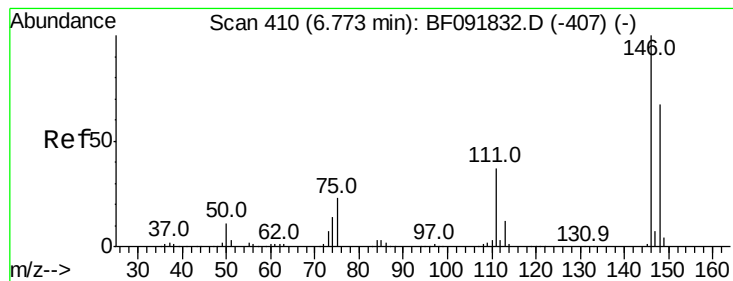
SOHIL  
12/23/2016 5:51:37 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.07 ng  
RT: 6.68 min Scan# 402  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 53.4  | 80.0  |
| 75      | 37.2  | 18.5  | 27.7# |





#13

1,4-Dichlorobenzene

Concen: 36.67 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

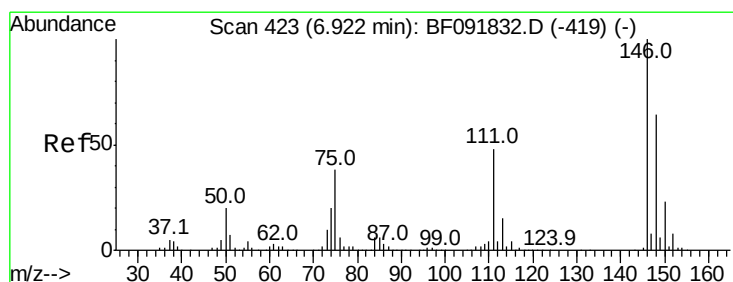
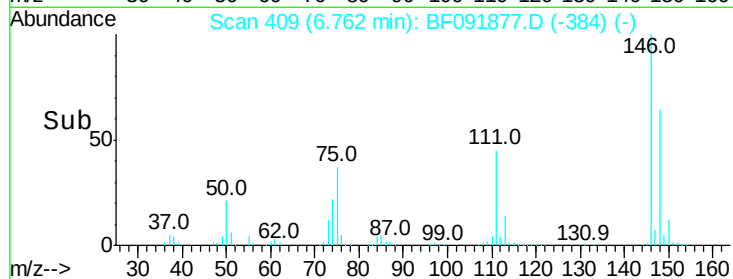
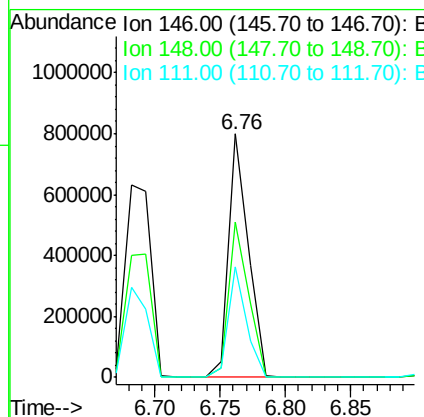
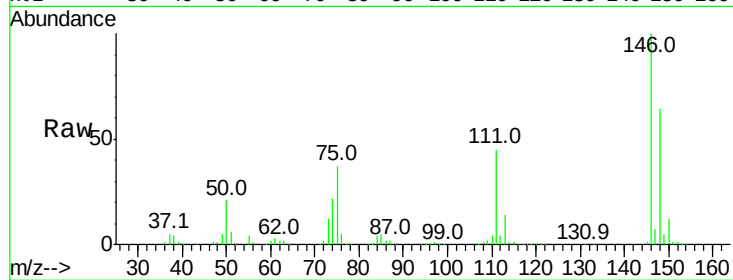
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 837352 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 50.6  | 76.0   |
| 111       | 45.4  | 36.2  | 54.4   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 41.01 ng

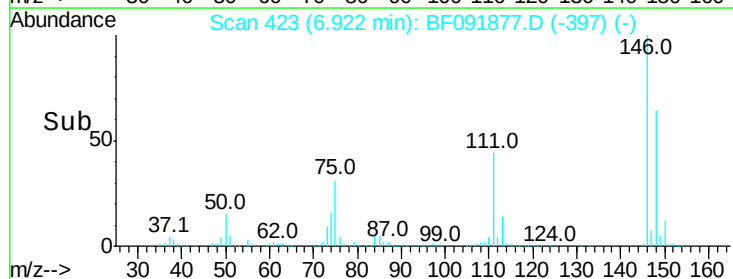
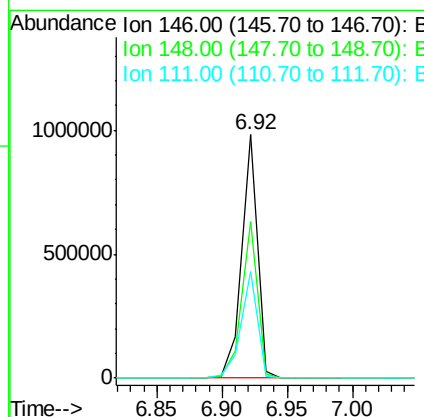
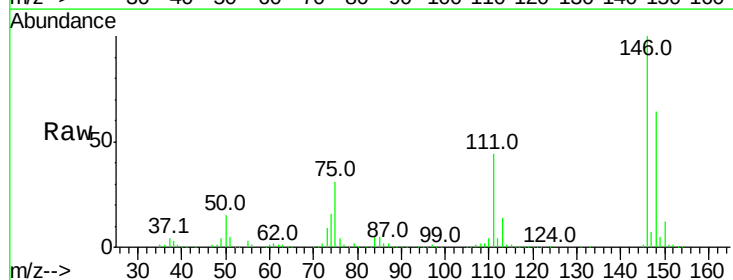
RT: 6.92 min Scan# 423

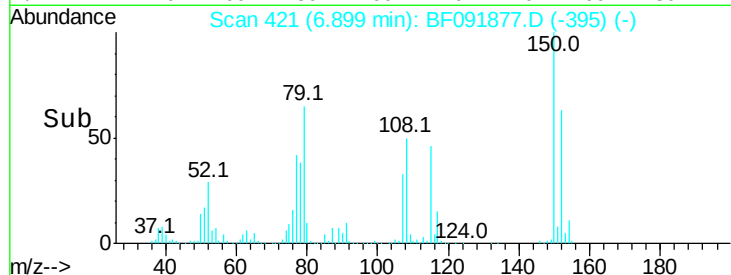
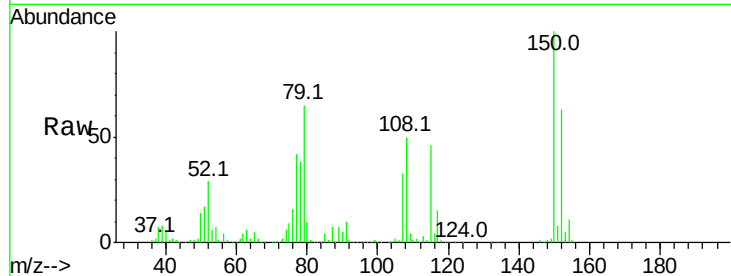
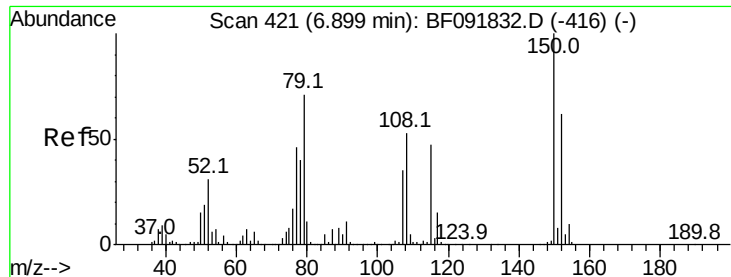
Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 812692 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.3  | 52.2  | 78.2   |
| 111       | 43.7  | 36.2  | 54.2   |





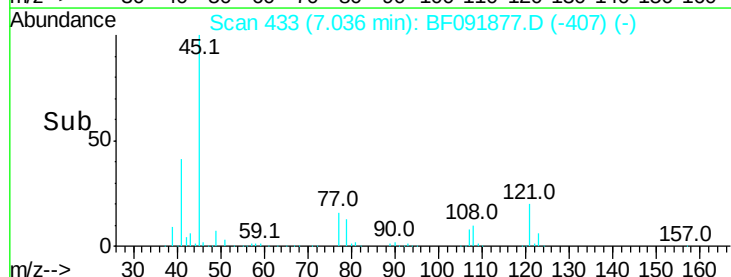
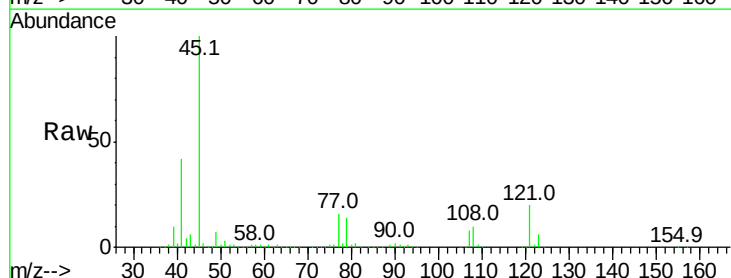
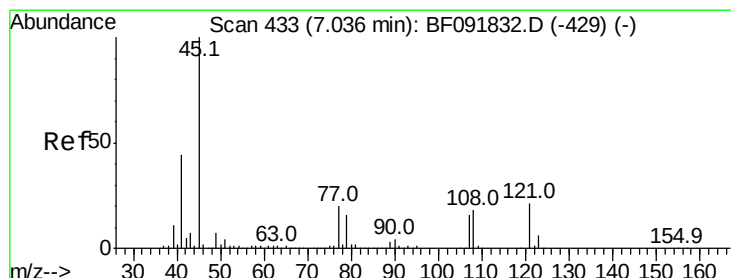
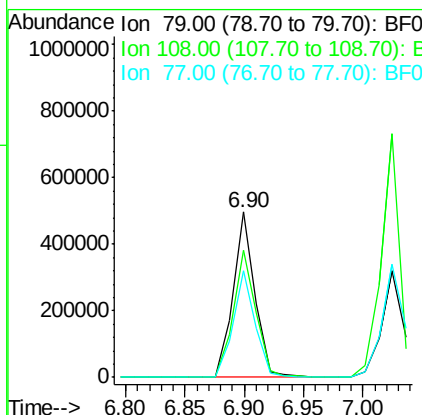
#15  
Benzyl Alcohol  
Concen: 36.13 ng  
RT: 6.90 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 76.8  | 61.4 | 92.0  |       |
| 77      | 64.4  | 50.9 | 76.3  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

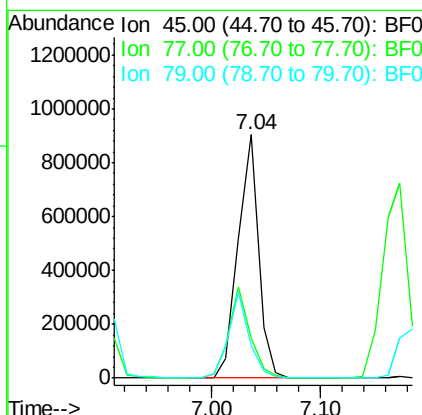
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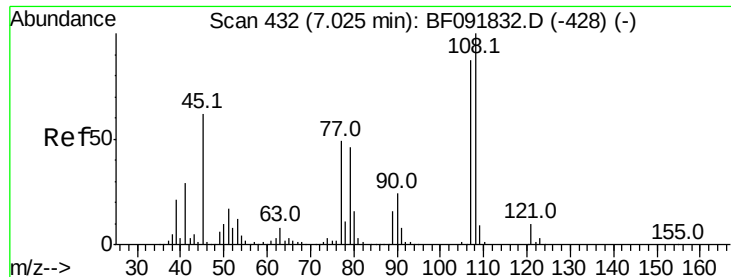
SOHIL  
12/23/2016 5:51:37 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.33 ng  
RT: 7.04 min Scan# 433  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 16.4  | 0.0  | 34.6  |       |
| 79      | 13.5  | 0.0  | 31.2  |       |





#17

2-Methylphenol

Concen: 40.00 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 676174  
Ion Ratio Lower Upper

107 100

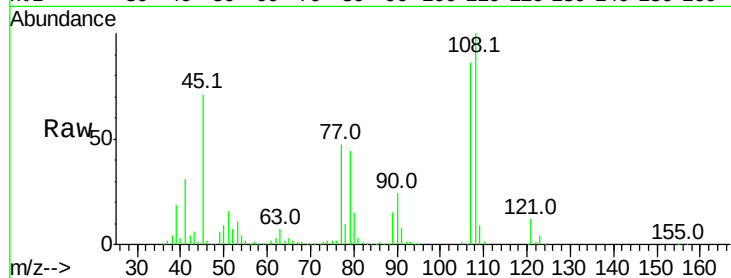
108 116.7 93.0 139.6

77 54.3 39.8 59.8

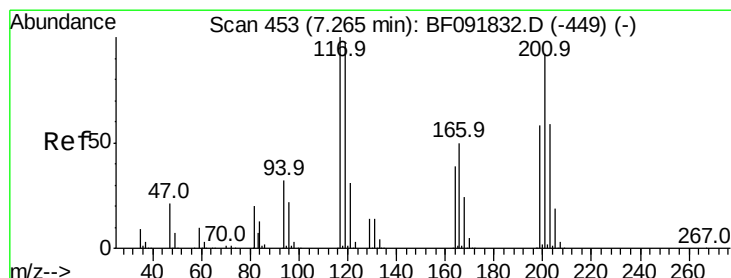
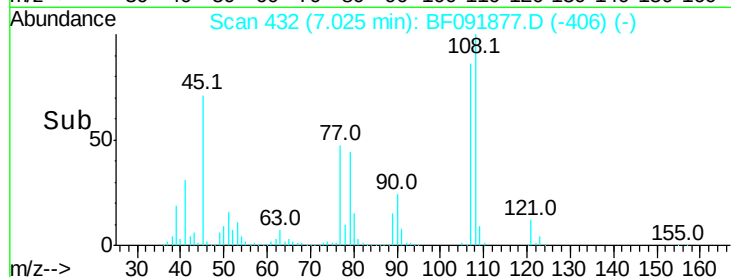
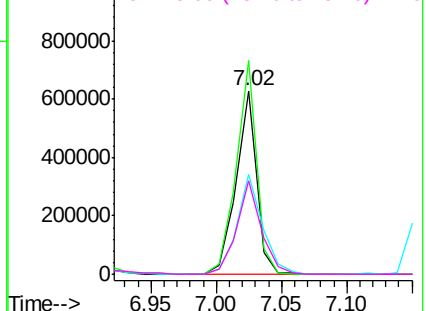
79 51.0 38.0 57.0

Manual Integrations  
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12/23/2016 5:51:37 PM



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: 39.12 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF091877.D

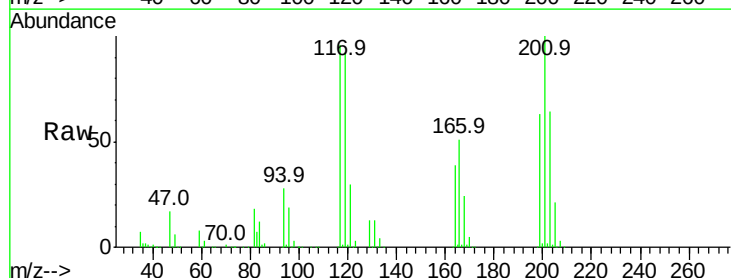
Acq: 22 Dec 2016 11:11

Tgt Ion:117 Resp: 331245  
Ion Ratio Lower Upper

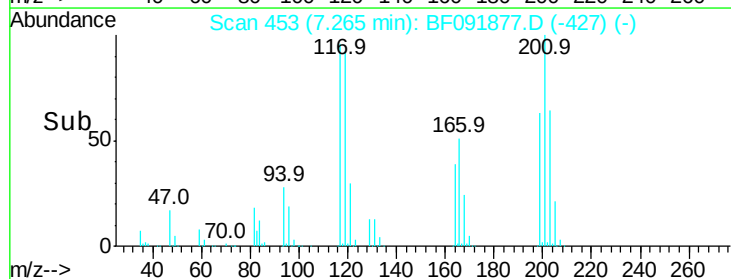
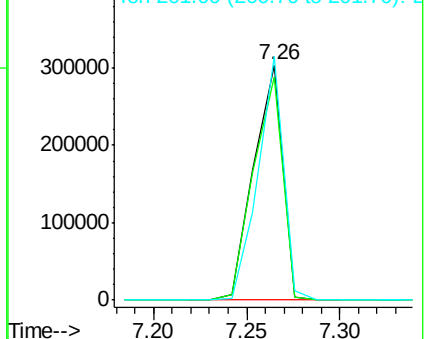
117 100

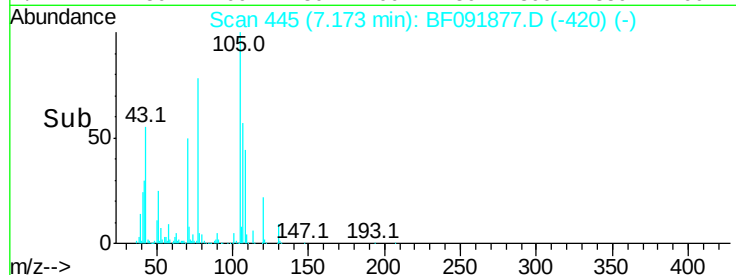
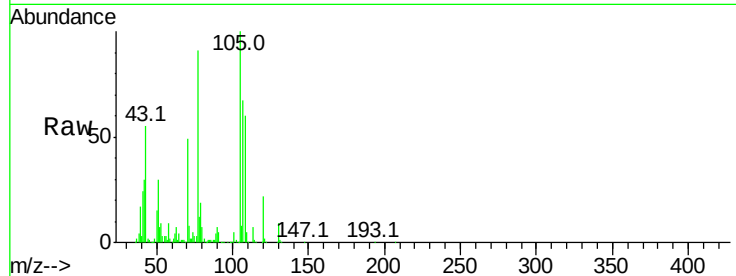
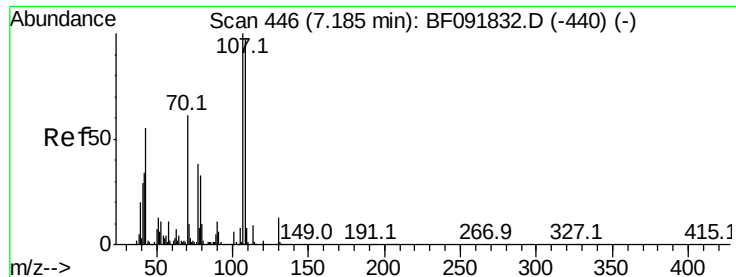
119 95.2 78.1 117.1

201 103.6 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





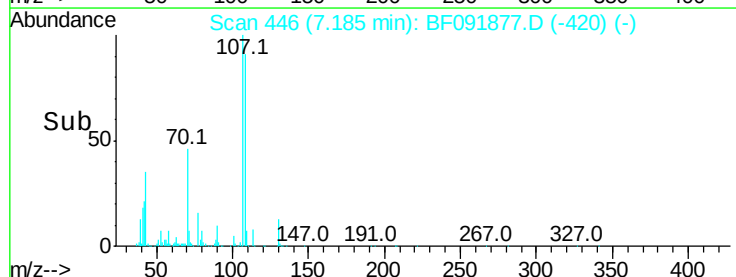
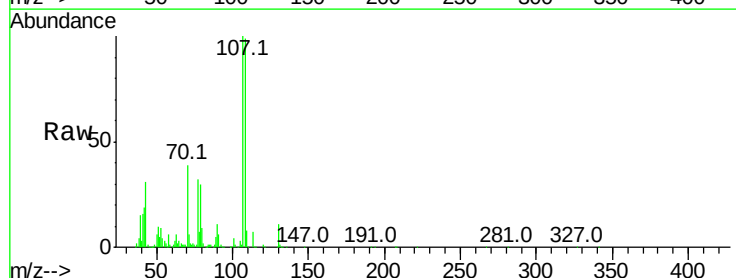
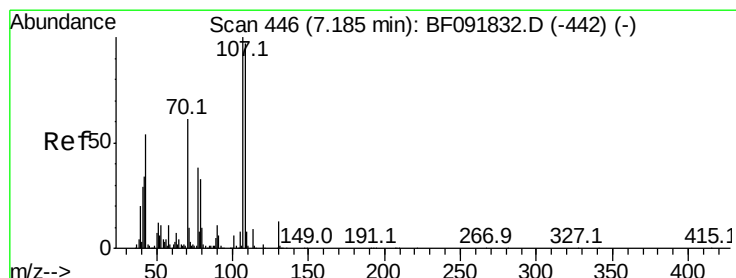
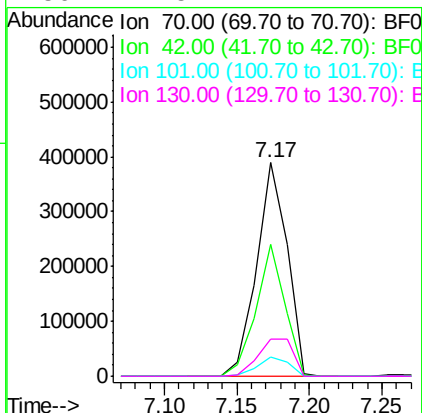
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.83 ng  
RT: 7.17 min Scan# 445  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 61.5 | 49.4  | 74.0 |       |       |
| 101     | 9.2  | 7.4   | 11.2 |       |       |
| 130     | 17.5 | 14.2  | 21.4 |       |       |

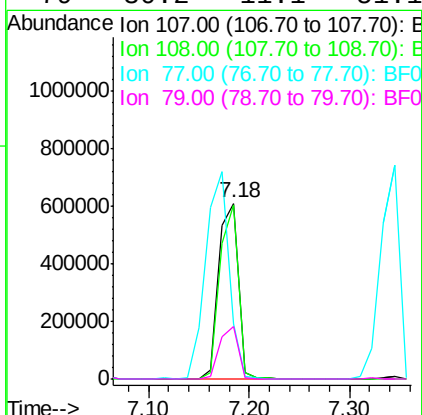
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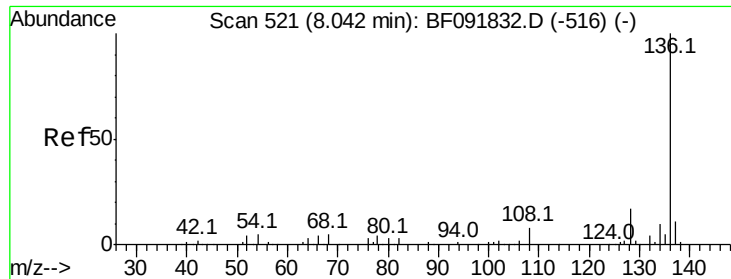
SOHIL  
12/23/2016 5:51:37 PM



#20  
3+4-Methylphenols  
Concen: 40.92 ng  
RT: 7.18 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       |        |       |       |
| 108     | 99.0 | 73.0  | 113.0  |       |       |
| 77      | 31.6 | 71.3  | 111.3# |       |       |
| 79      | 30.2 | 11.1  | 51.1   |       |       |





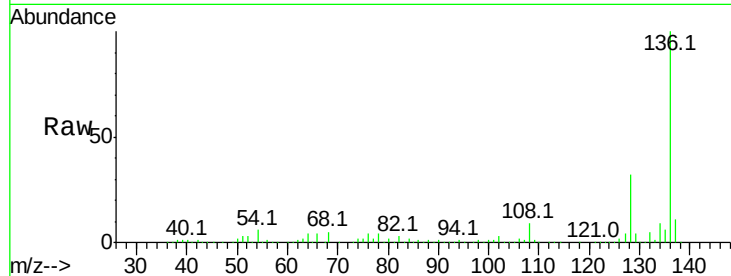
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.04 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

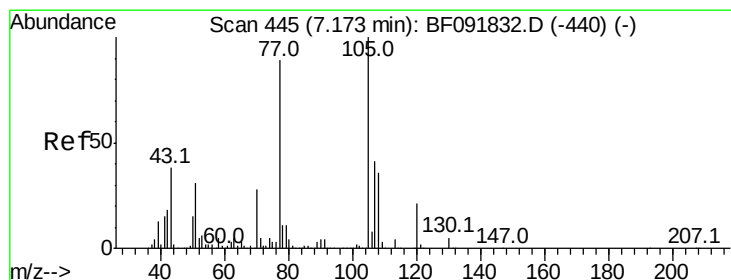
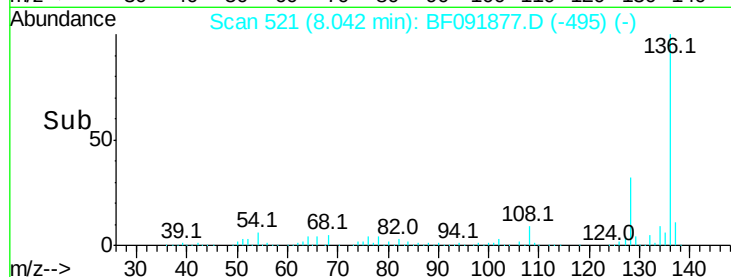
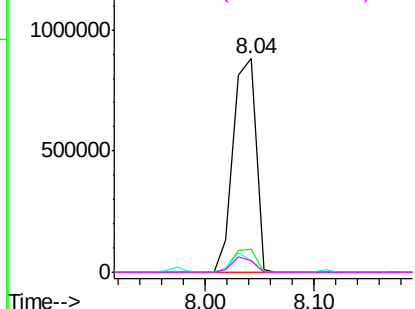
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.6  | 8.4   | 12.6  |
| 54      | 5.7   | 4.5   | 6.7   |
| 68      | 5.1   | 3.6   | 5.4   |

Manual Integrations  
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SOHIL  
12/23/2016 5:51:37 PM



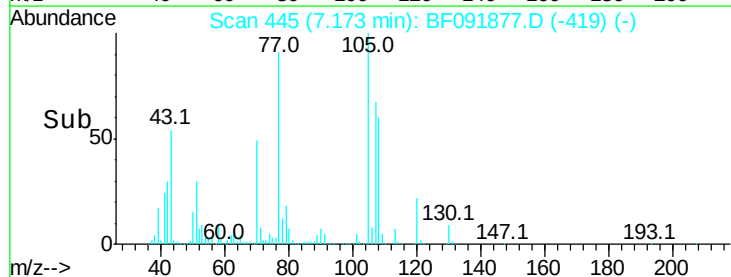
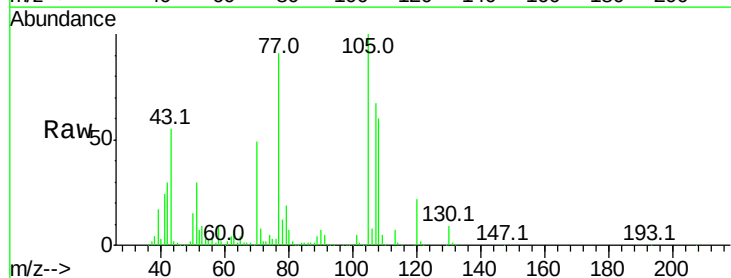
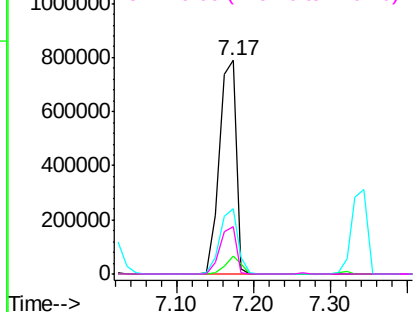
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

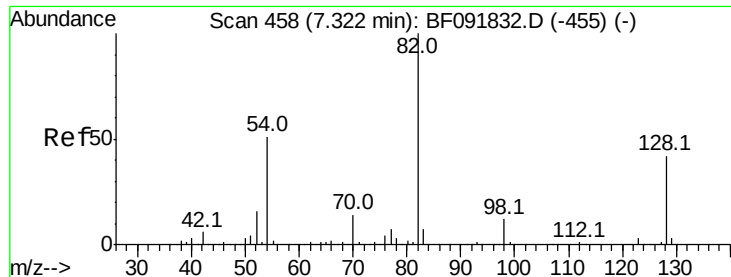


#22  
Acetophenone  
Concen: 39.20 ng  
RT: 7.17 min Scan# 445  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 8.3   | 3.2   | 4.8#  |
| 51      | 30.5  | 26.2  | 39.4  |
| 120     | 22.1  | 16.6  | 24.8  |

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





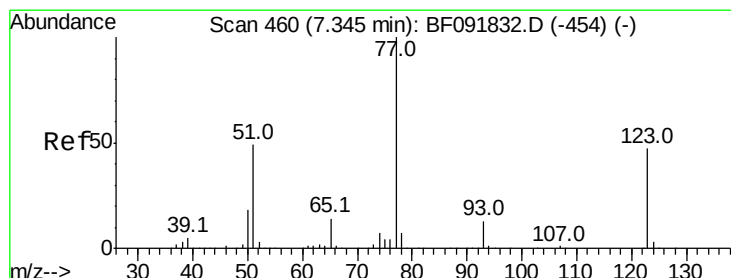
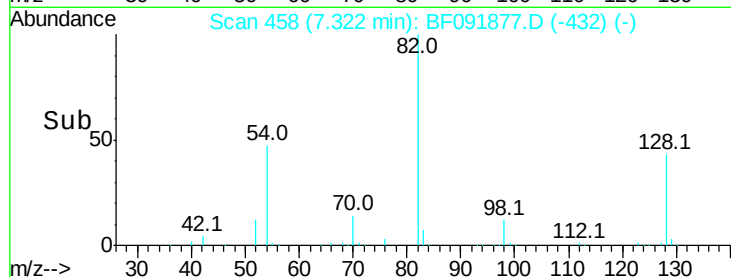
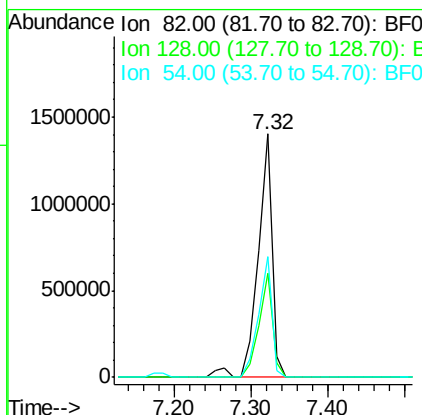
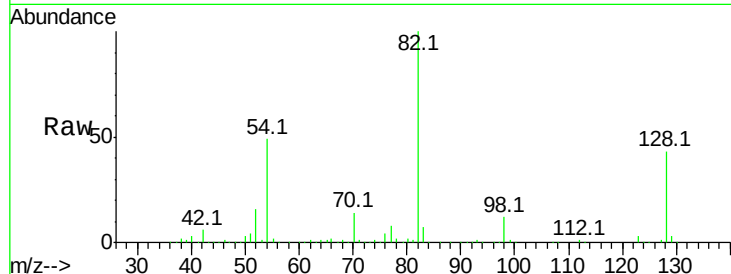
#23  
 Nitrobenzene-d5  
 Concen: 77.60 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 34.6  | 52.0  |
| 54      | 49.4  | 39.5  | 59.3  |

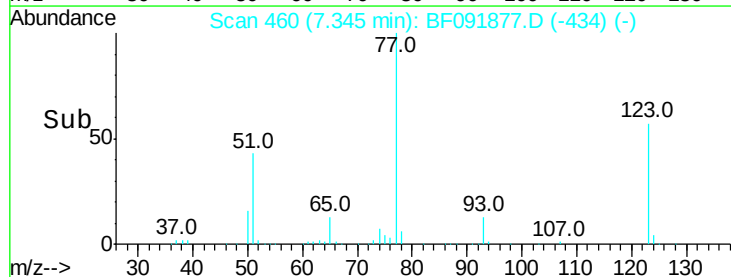
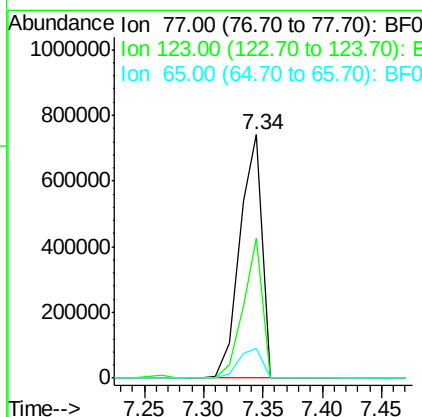
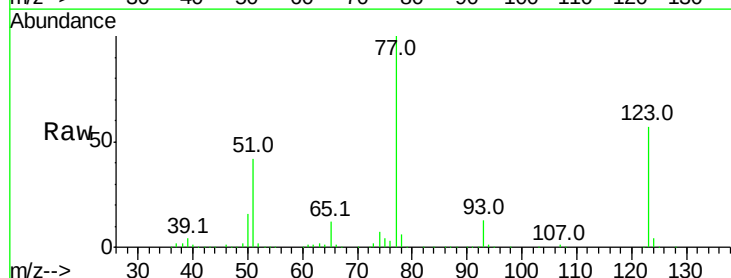
Manual Integrations  
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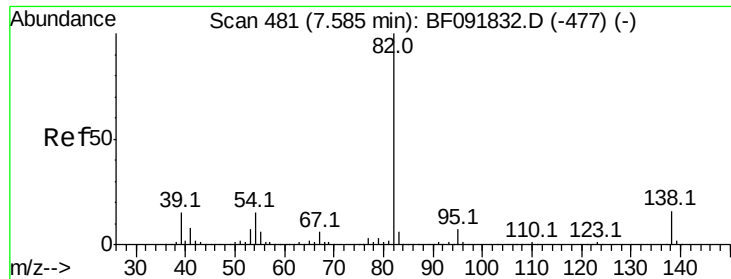


#24  
 Nitrobenzene  
 Concen: 39.67 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 57.2  | 33.0  | 49.4# |
| 65      | 12.3  | 11.2  | 16.8  |







#25

Isophorone

Concen: 39.75 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1661508

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

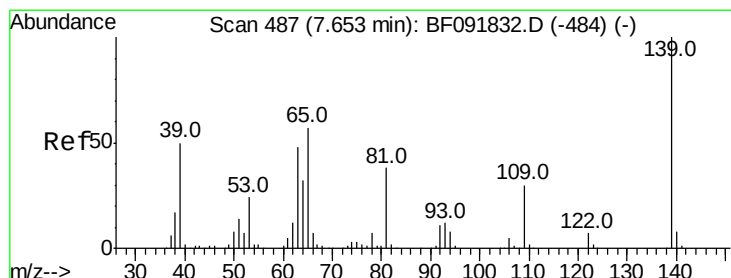
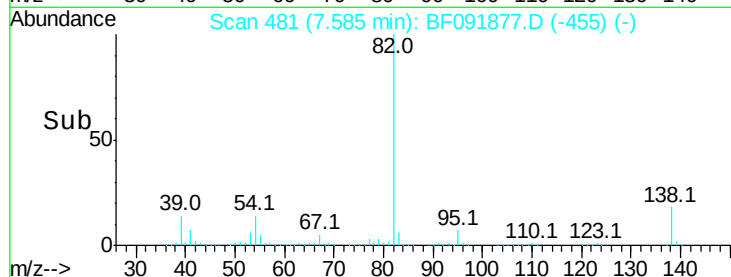
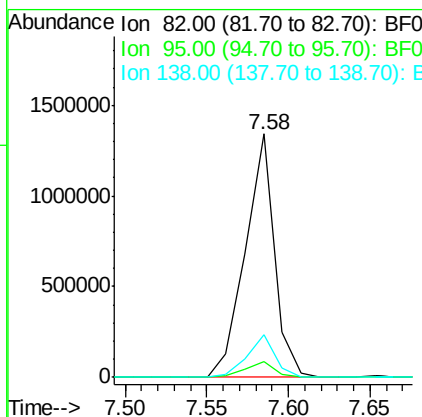
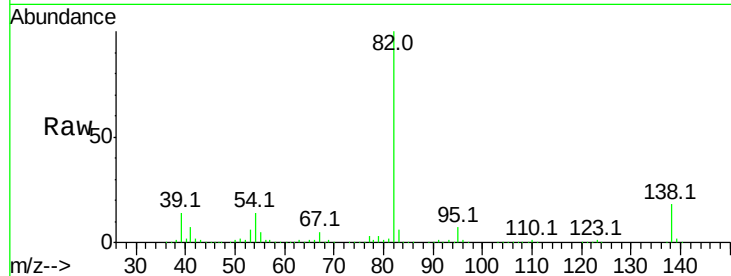
138 17.7 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 37.80 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

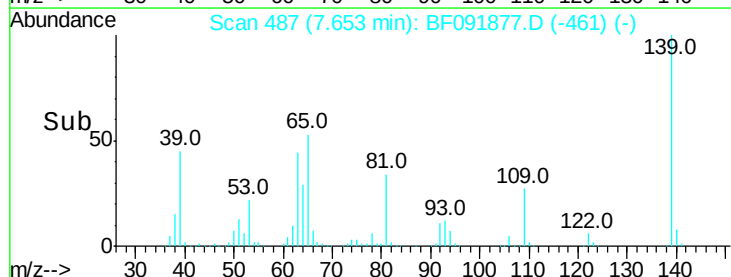
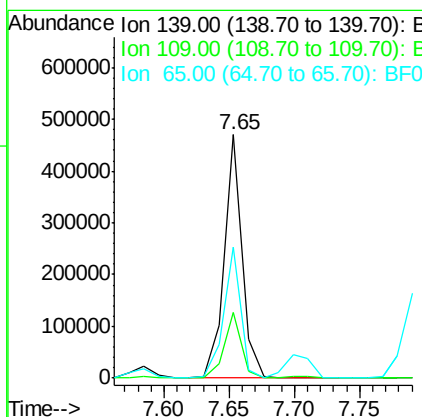
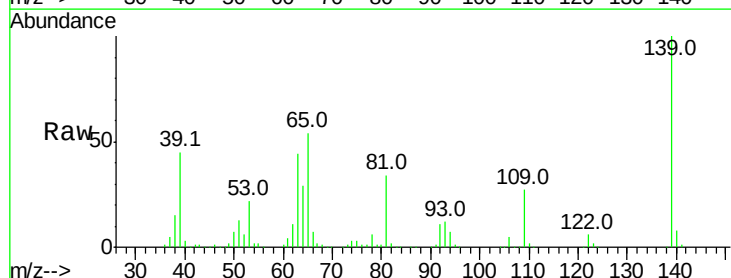
Tgt Ion: 139 Resp: 449716

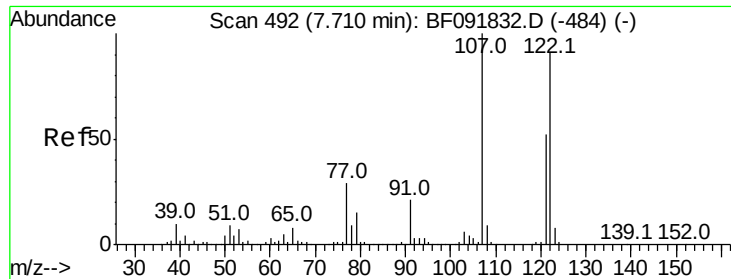
Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

65 53.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 38.89 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

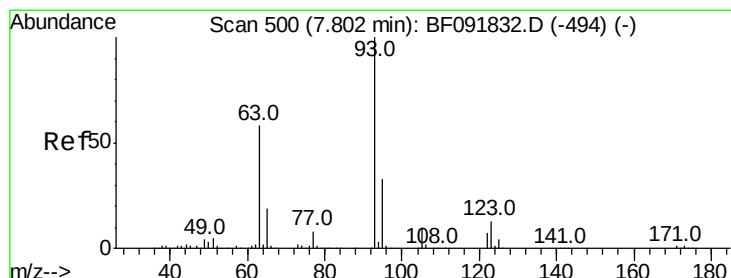
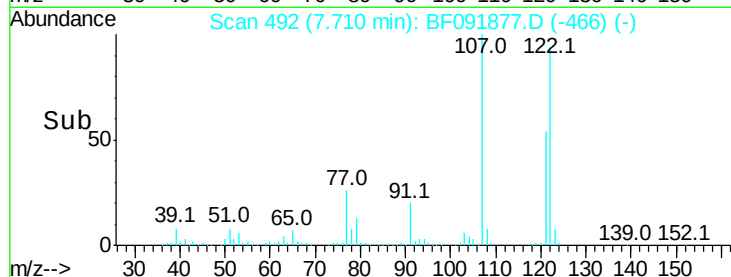
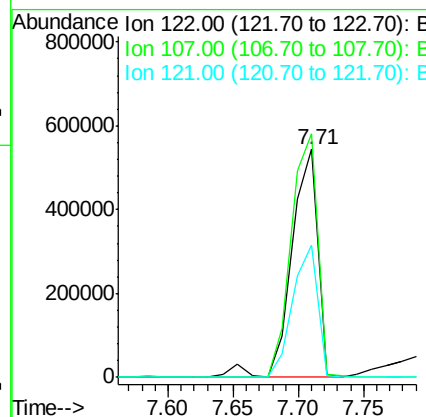
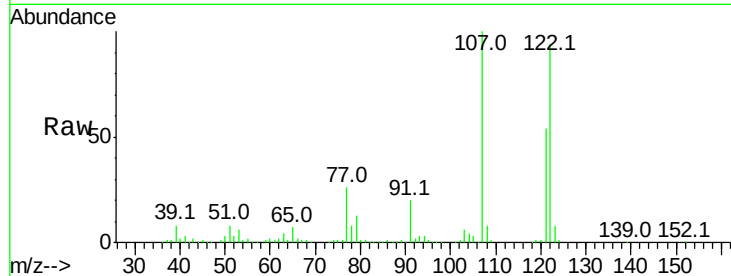
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 767490 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 106.9 | 94.1  | 141.1  |
| 121       | 57.9  | 46.0  | 69.0   |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 37.22 ng

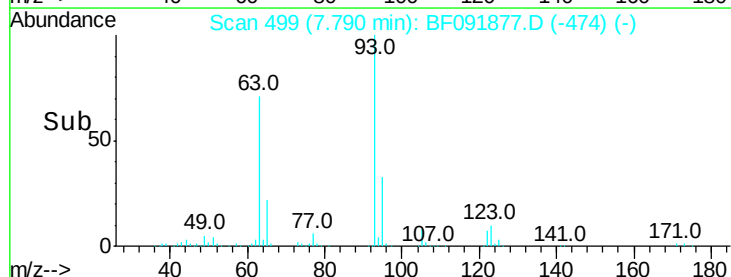
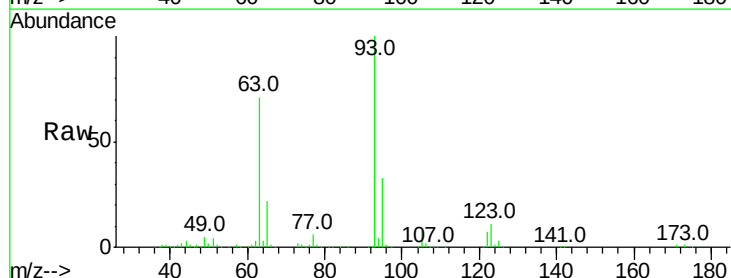
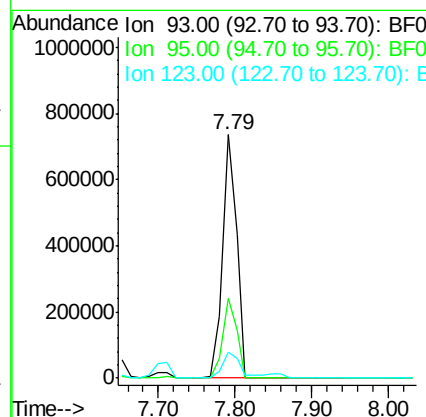
RT: 7.79 min Scan# 499

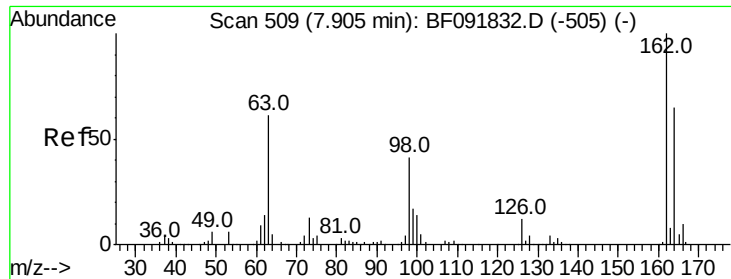
Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 943326 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.8  | 26.5  | 39.7   |
| 123       | 10.6  | 8.6   | 13.0   |





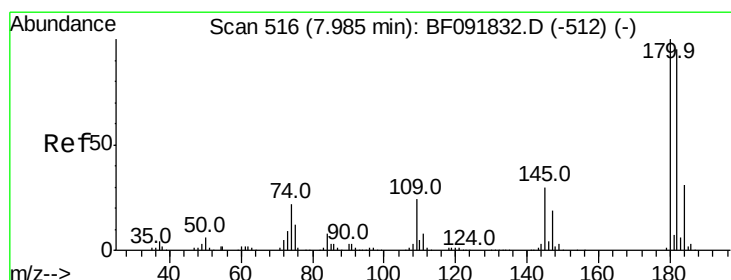
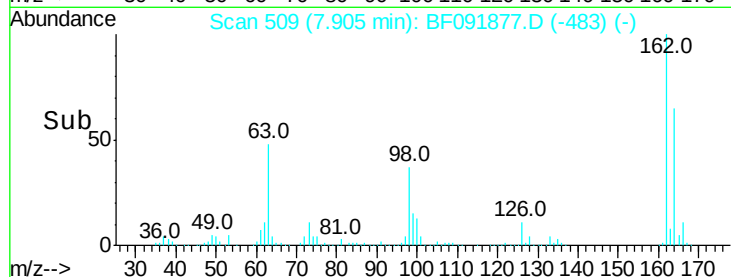
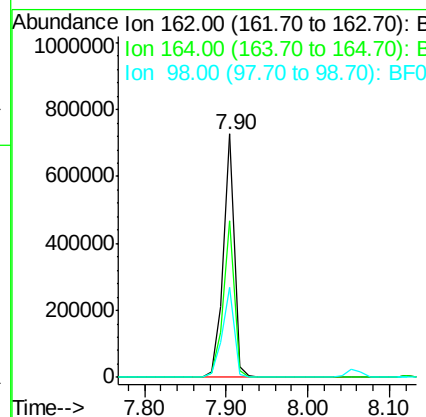
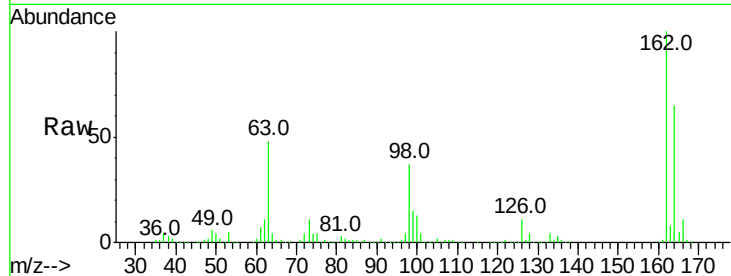
#29  
 2,4-Dichlorophenol  
 Concen: 41.06 ng  
 RT: 7.90 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.5  | 46.8       | 86.8       |
| 98      | 36.9  | 9.1        | 49.1       |

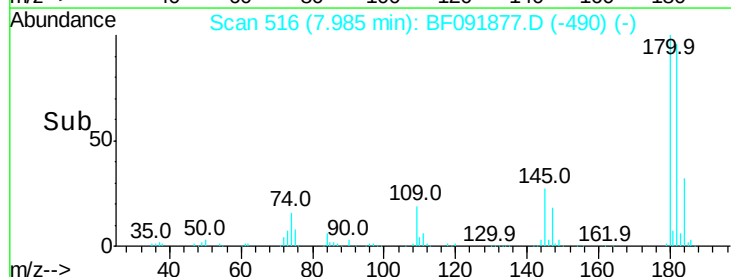
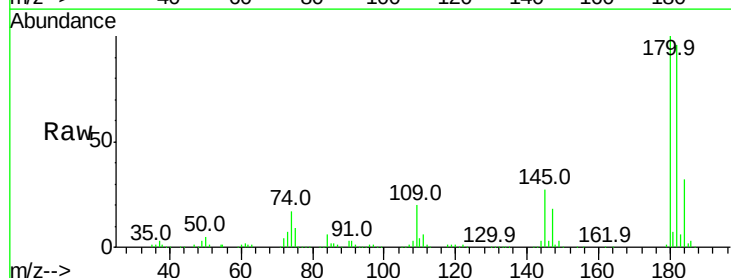
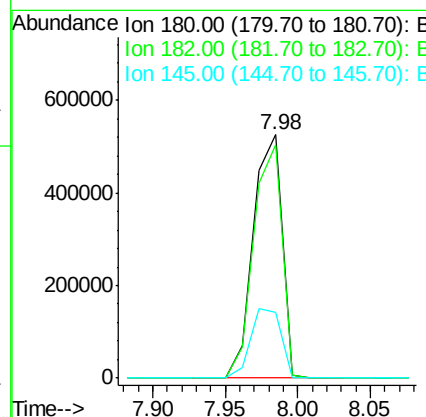
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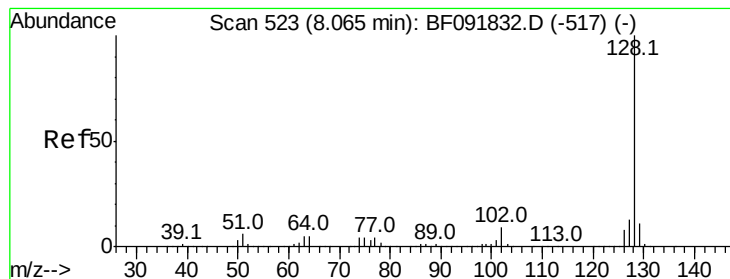
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.38 ng  
 RT: 7.98 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.6  | 78.2       | 117.4      |
| 145     | 26.8  | 21.6       | 32.4       |





#31

Naphthalene

Concen: 39.40 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2271628

Ion Ratio Lower Upper

128 100

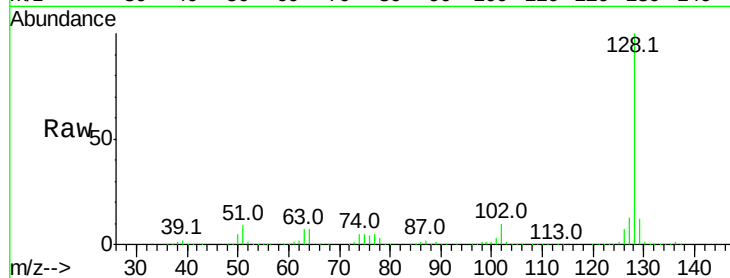
129 12.0 9.5 14.3

127 13.4 10.8 16.2

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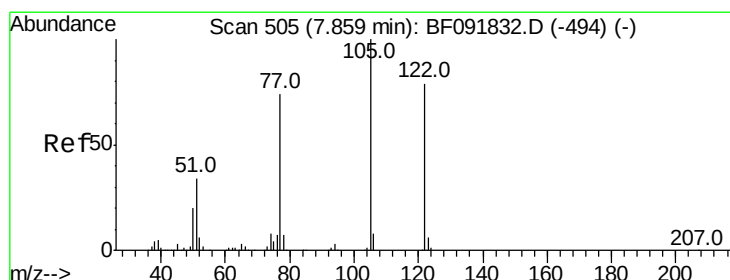
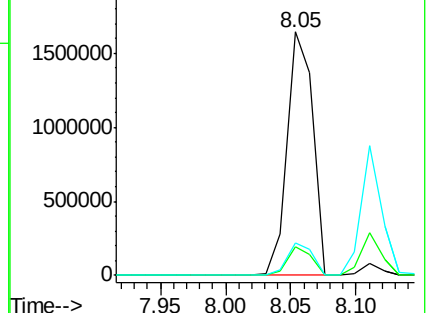
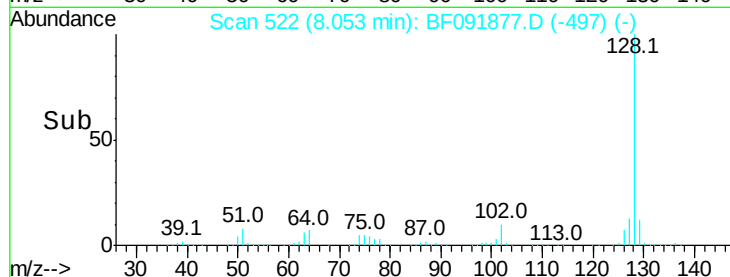
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.12 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

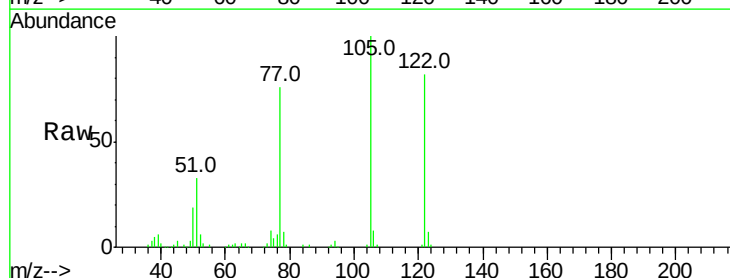
Tgt Ion:122 Resp: 601961

Ion Ratio Lower Upper

122 100

105 121.7 107.2 147.2

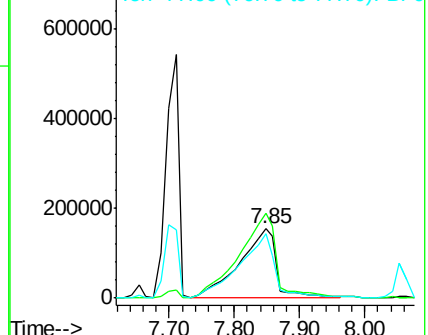
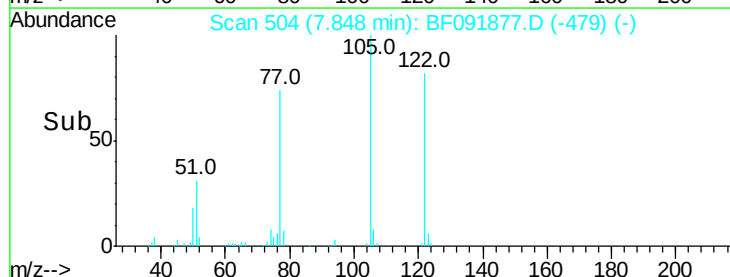
77 92.8 74.5 114.5

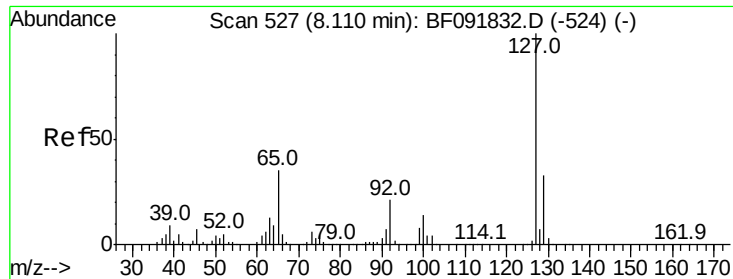


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





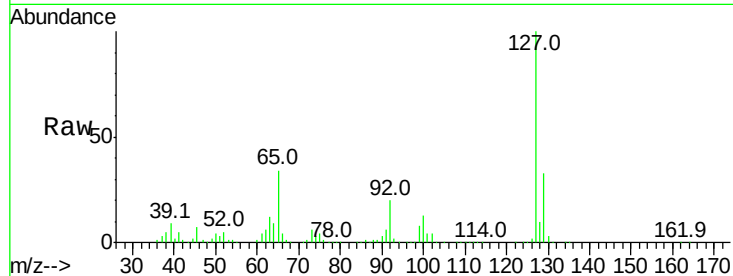
#33  
4-Chloroaniline  
Concen: 37.39 ng  
RT: 8.11 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

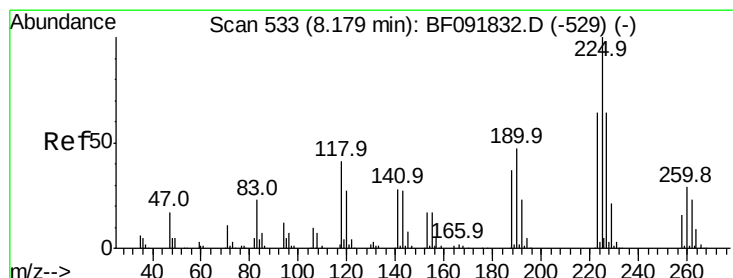
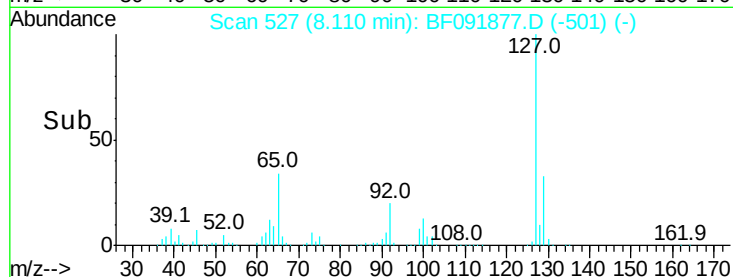
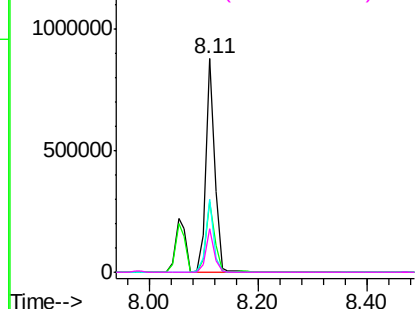
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 971968 |       |       |
| 129     | 32.8 | 26.3  | 39.5   |       |       |
| 65      | 34.4 | 25.8  | 38.8   |       |       |
| 92      | 20.4 | 16.1  | 24.1   |       |       |

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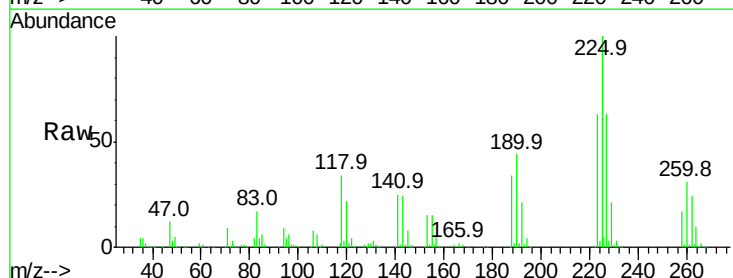


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

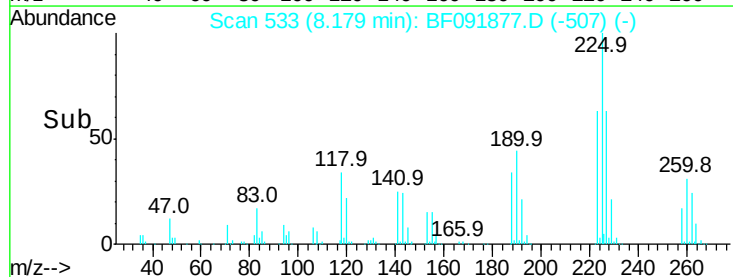
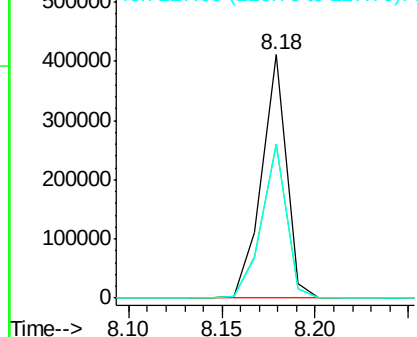


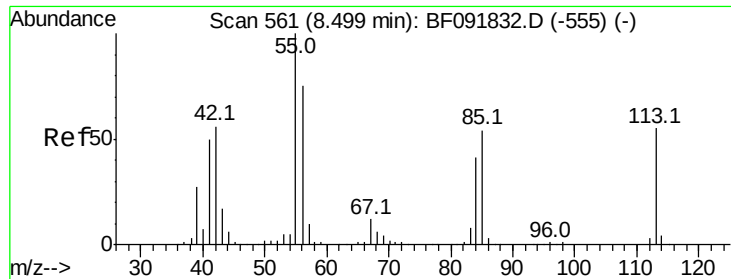
#34  
Hexachlorobutadiene  
Concen: 38.96 ng  
RT: 8.18 min Scan# 533  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 376548 |       |       |
| 223     | 63.3 | 51.0  | 76.6   |       |       |
| 227     | 63.2 | 50.6  | 76.0   |       |       |



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





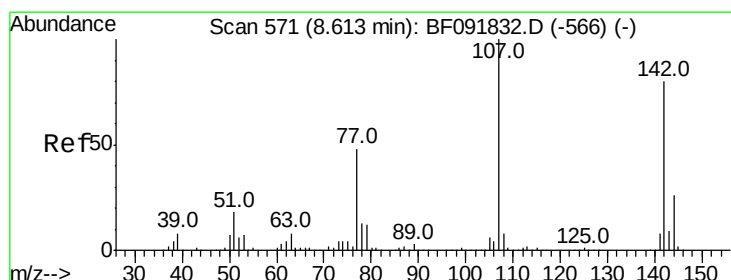
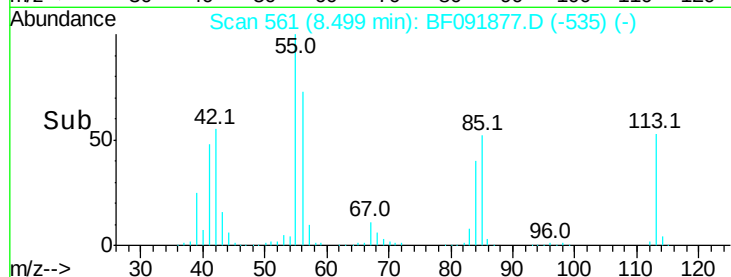
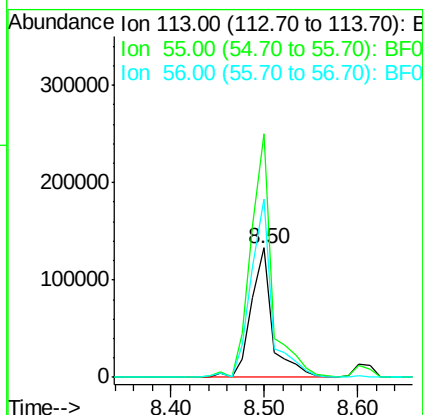
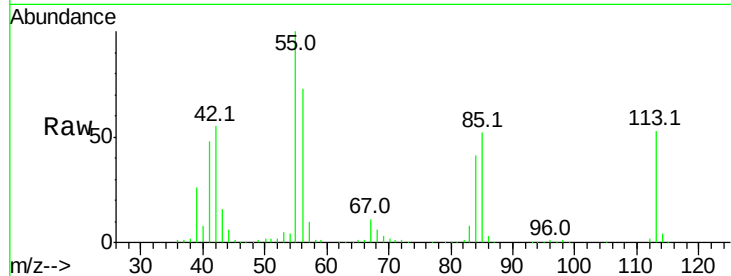
#35  
 Caprolactam  
 Concen: 38.08 ng  
 RT: 8.50 min Scan# 561  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 188.1 | 119.2 | 159.2# |       |
| 56      | 138.2 | 83.8  | 123.8# |       |

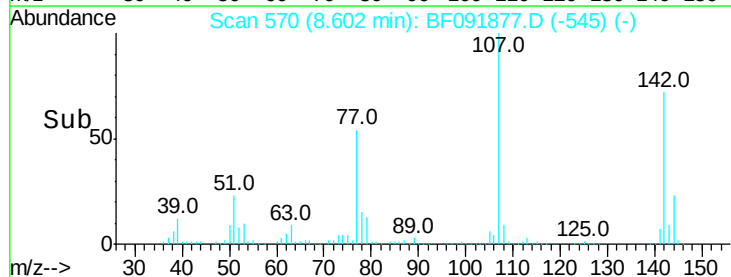
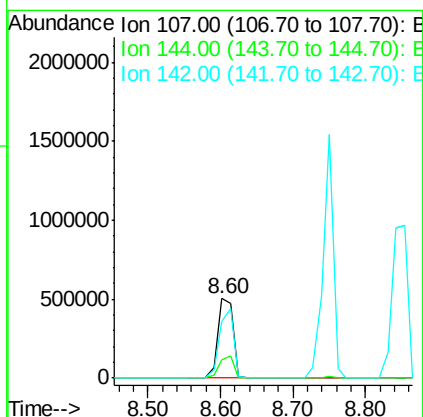
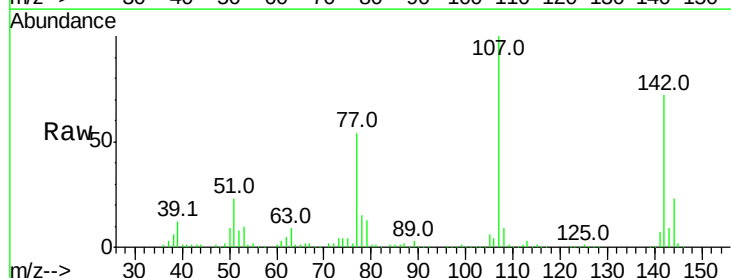
Manual Integrations  
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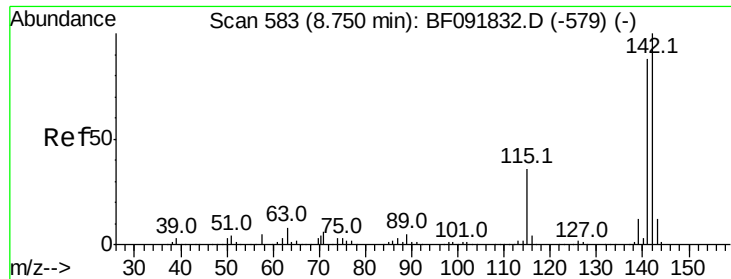
SOHIL  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.24 ng  
 RT: 8.60 min Scan# 570  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 23.0  | 19.3 | 28.9  |       |
| 142     | 72.0  | 59.0 | 88.6  |       |





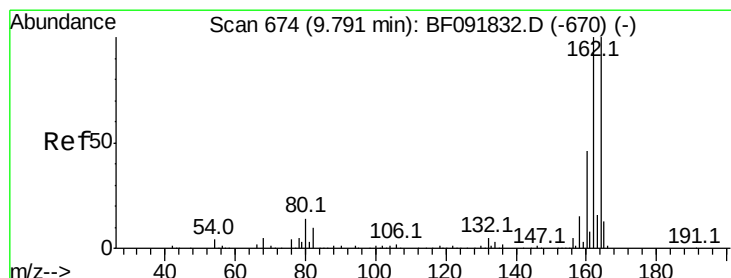
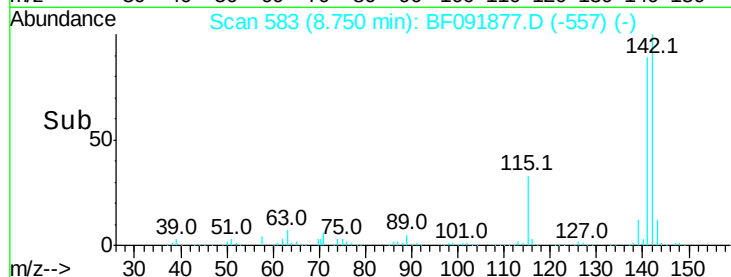
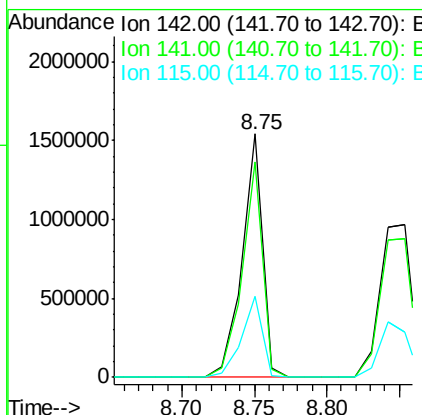
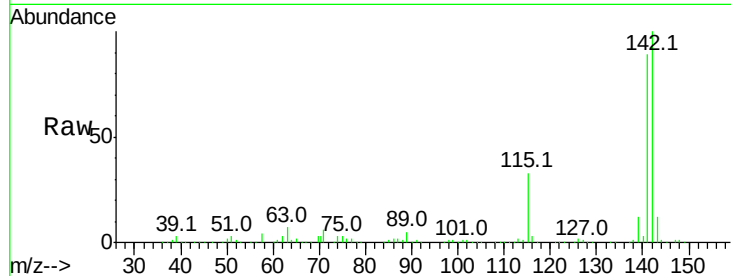
#37  
2-Methylnaphthalene  
Concen: 42.32 ng  
RT: 8.75 min Scan# 583  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 1510479  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.0 106.6  
115 33.1 28.3 42.5

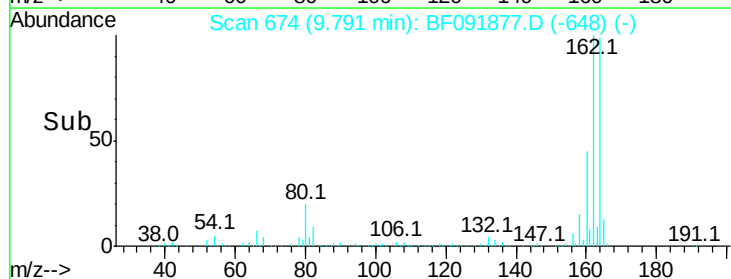
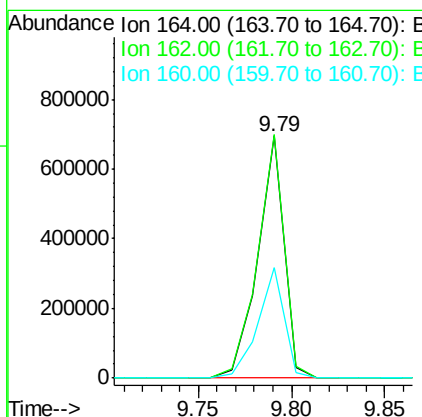
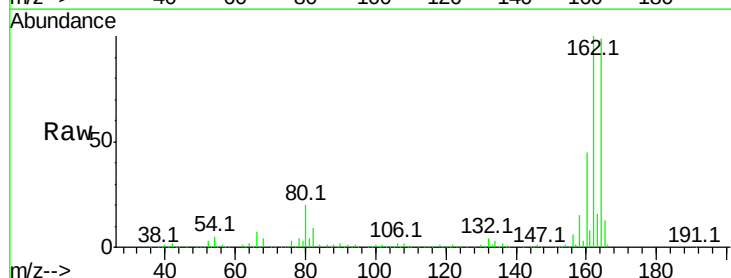
Manual Integrations  
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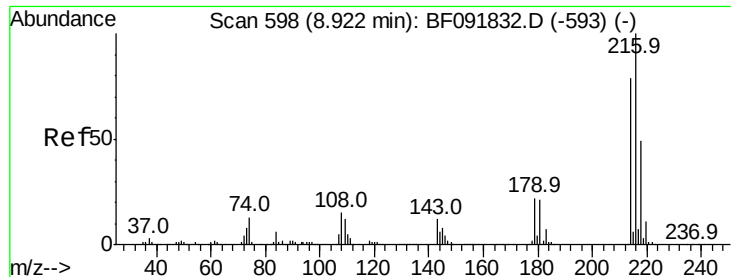
SOHIL  
12/23/2016 5:51:37 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.79 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Tgt Ion:164 Resp: 678181  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.2 120.2  
160 45.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.92 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

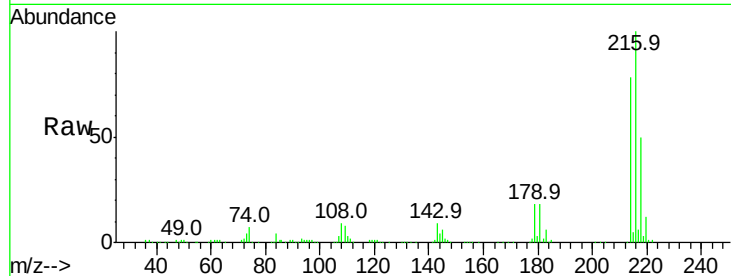
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 615440 |       |       |
| 214     | 79.8  | 63.4   | 95.0  |       |
| 179     | 22.0  | 17.4   | 26.2  |       |
| 108     | 20.0  | 15.6   | 23.4  |       |

Manual Integrations  
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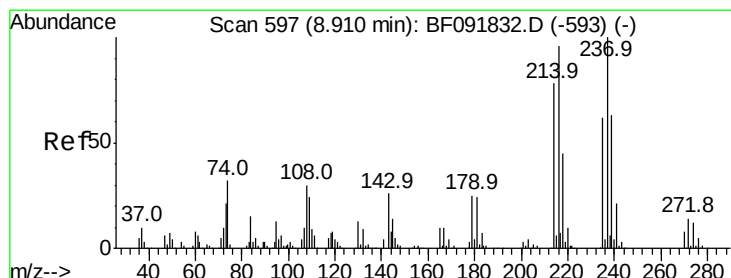
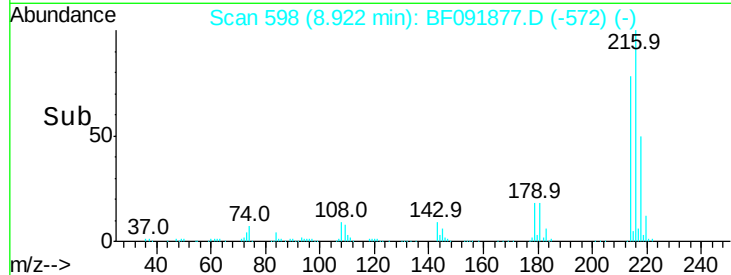
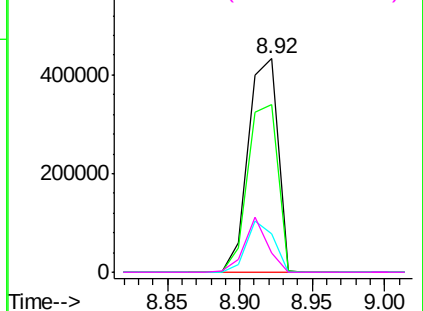


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.39 ng

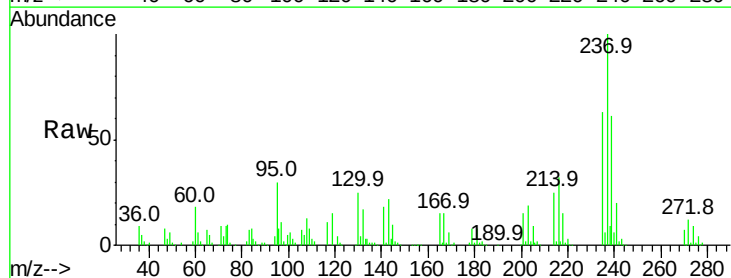
RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

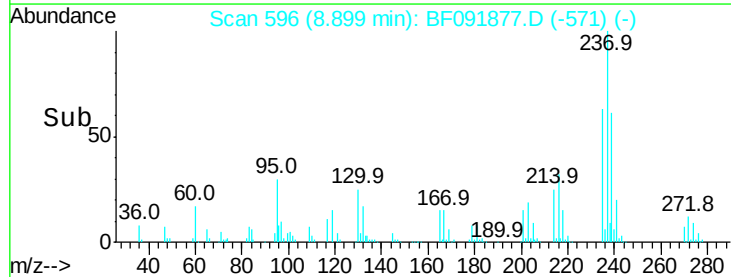
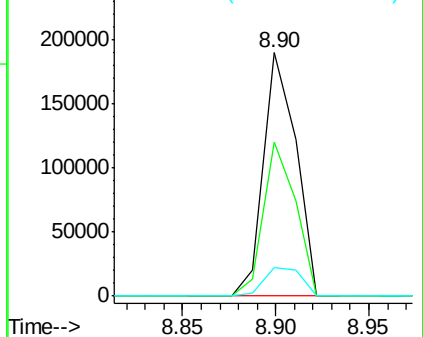
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 228123 |       |       |
| 235     | 63.1  | 41.2   | 81.2  |       |
| 272     | 11.9  | 0.0    | 35.4  |       |



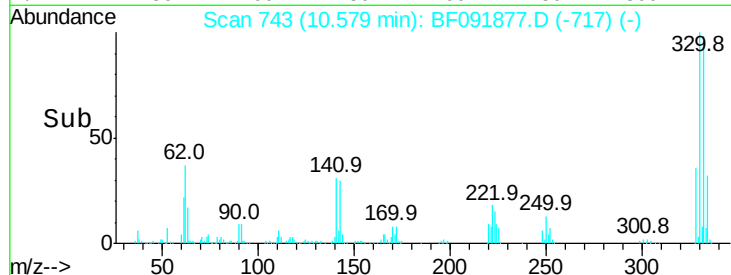
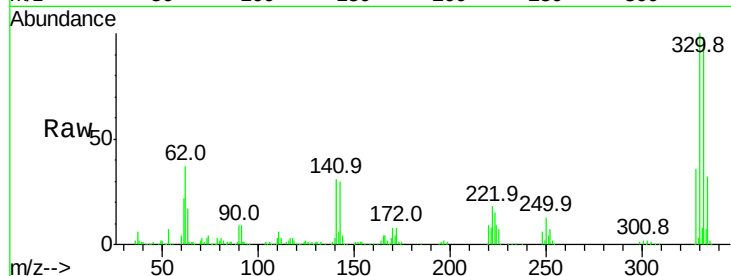
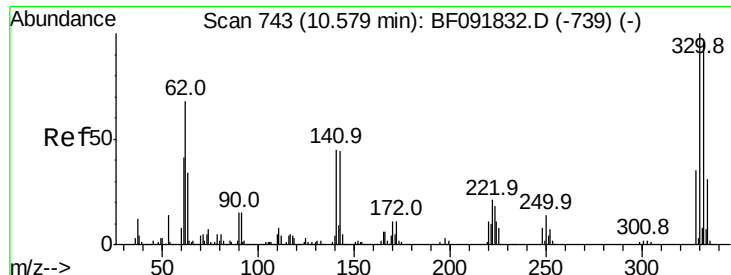
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







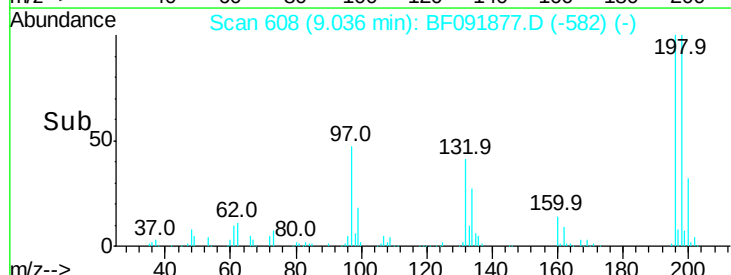
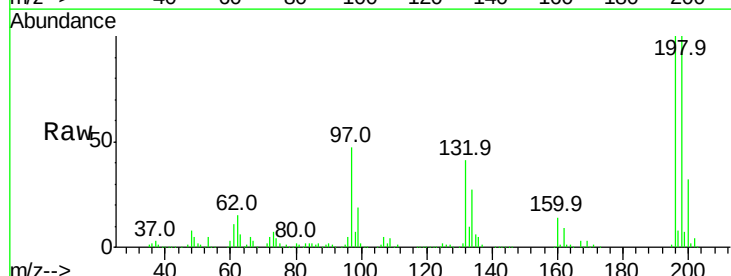
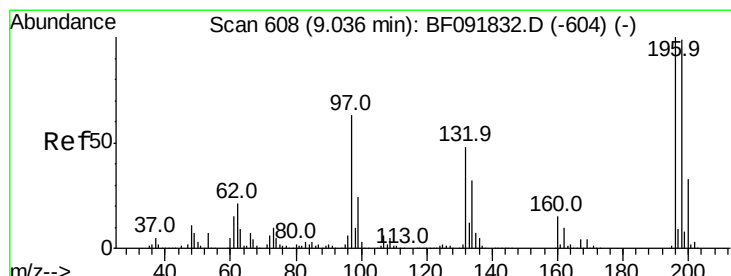
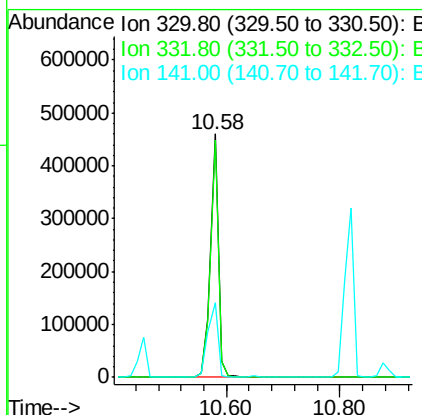
#41  
 2,4,6-Tribromophenol  
 Concen: 76.02 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.2  | 77.4  | 116.2 |
| 141     | 38.6  | 34.1  | 51.1  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

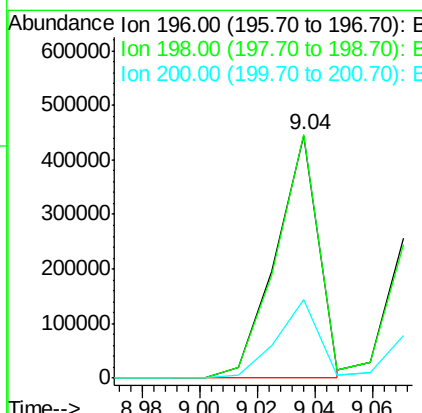
Manual Integrations  
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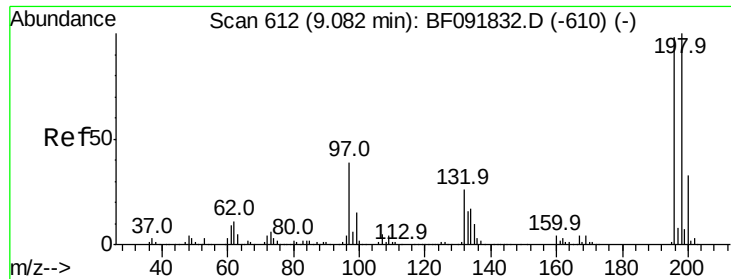
SOHIL  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.61 ng m  
 RT: 9.04 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.3 | 82.1  | 123.1 |
| 200     | 32.4  | 27.0  | 40.4  |





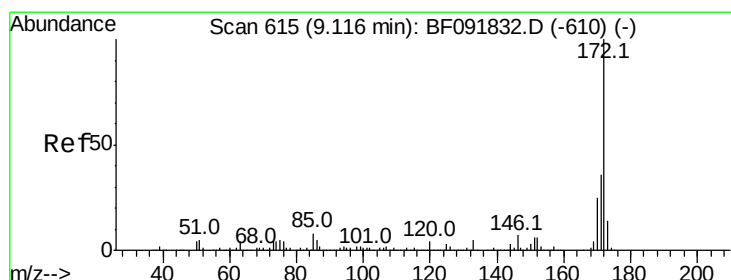
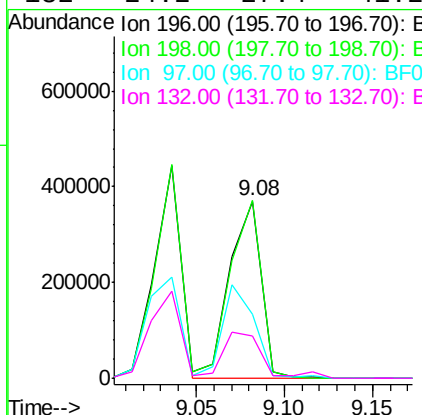
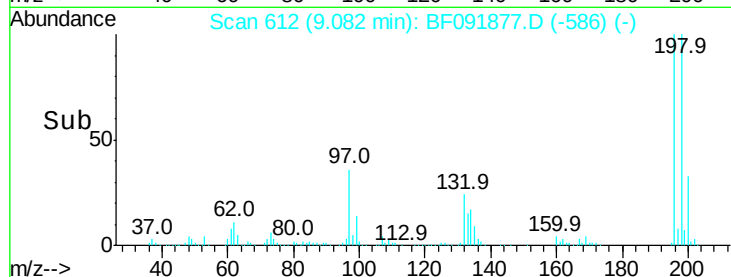
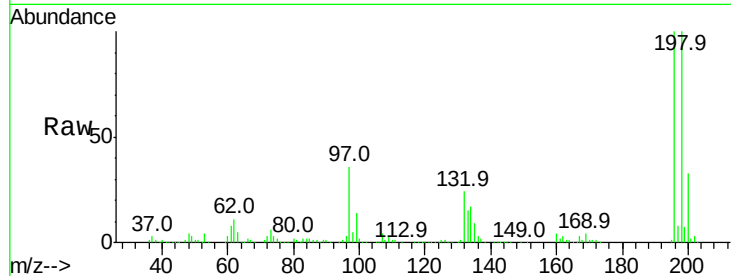
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.53 ng/ml  
 RT: 9.08 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 462819 |       |       |
| 198     | 100.4 | 79.4   | 119.2 |       |
| 97      | 35.9  | 51.5   | 77.3  |       |
| 132     | 24.2  | 27.4   | 41.2  |       |

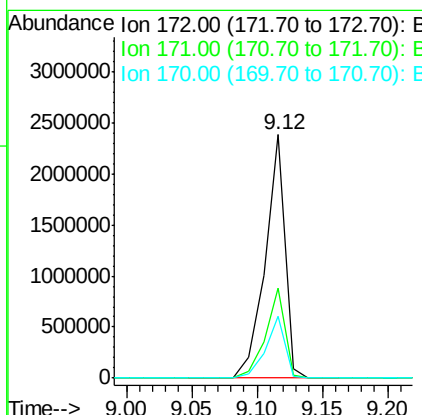
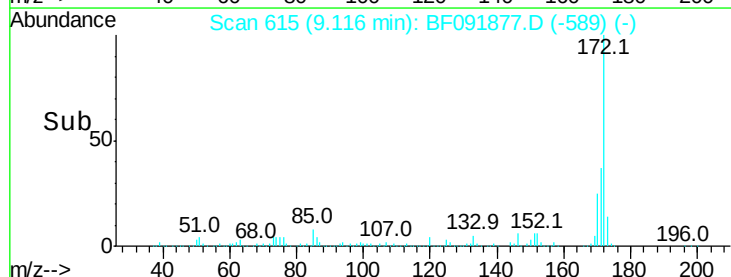
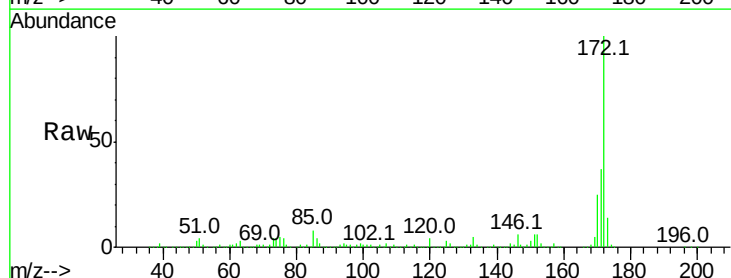
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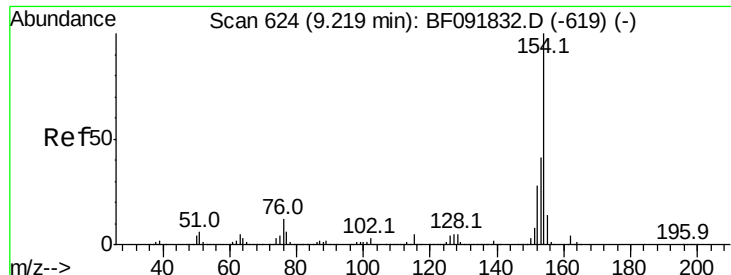
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#44  
 2-Fluorobiphenyl  
 Concen: 75.24 ng/ml  
 RT: 9.12 min Scan# 615  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2539369 |       |       |
| 171     | 37.1  | 29.4    | 44.0  |       |
| 170     | 25.3  | 20.2    | 30.4  |       |





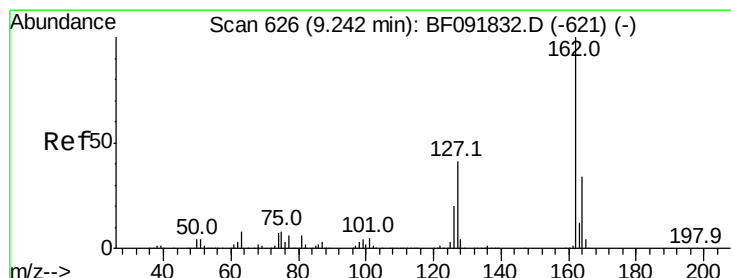
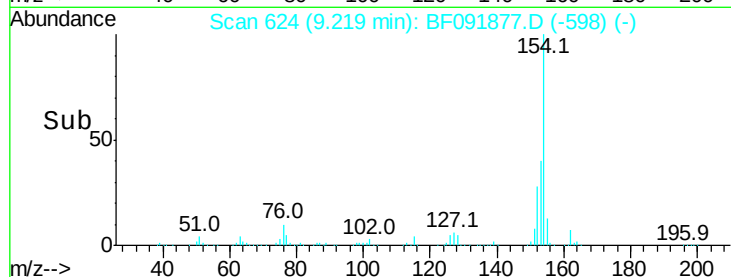
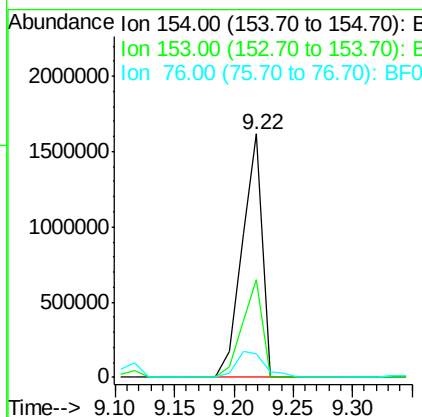
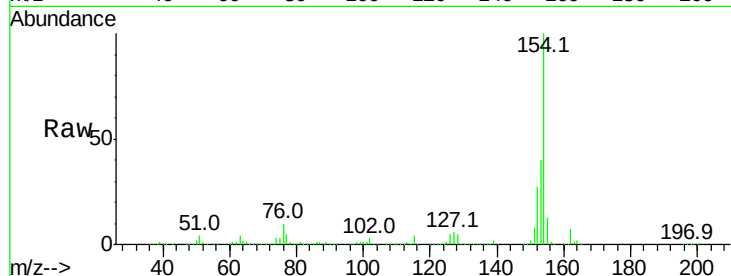
#45  
 1,1'-Biphenyl  
 Concen: 40.76 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 20.9  | 60.9  |
| 76      | 9.8   | 0.0   | 30.5  |

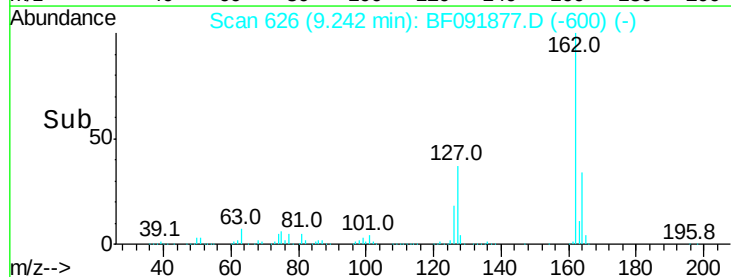
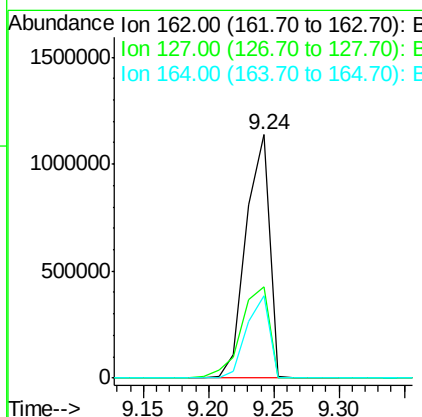
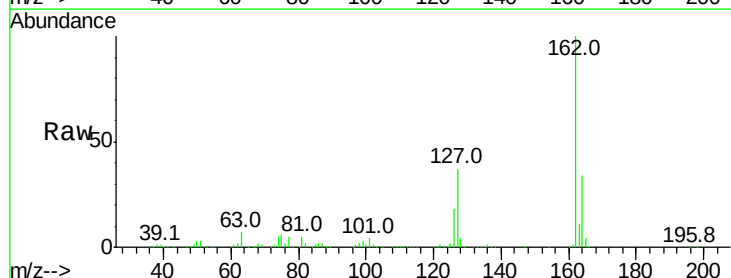
Manual Integrations  
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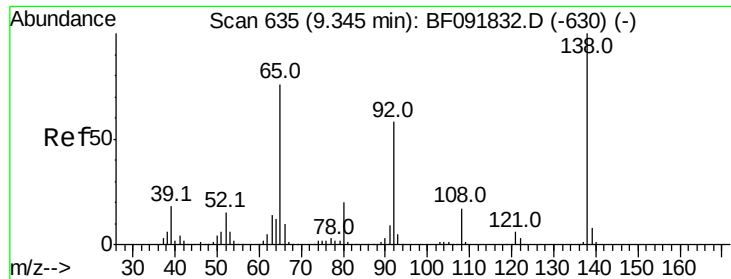
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#46  
 2-Chloronaphthalene  
 Concen: 38.75 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.5  | 30.7  | 46.1  |
| 164     | 33.9  | 27.6  | 41.4  |





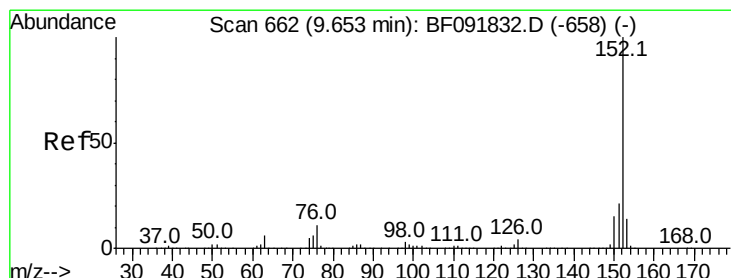
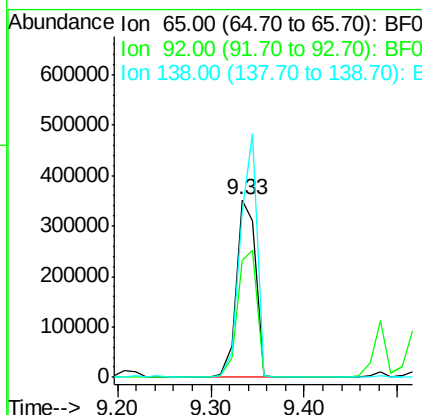
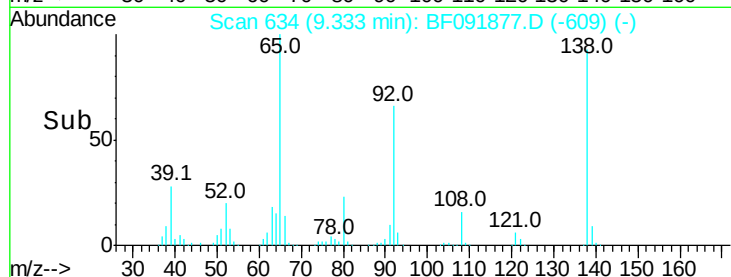
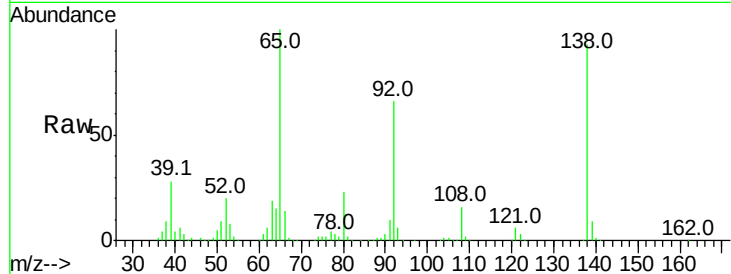
#47  
 2-Nitroaniline  
 Concen: 38.53 ng  
 RT: 9.33 min Scan# 634  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 504518 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 65.9  | 53.9  | 80.9   |
| 138       | 93.2  | 76.8  | 115.2  |

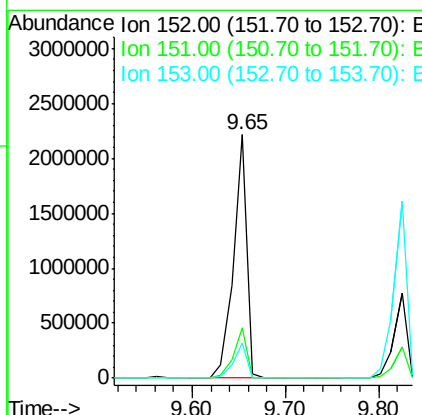
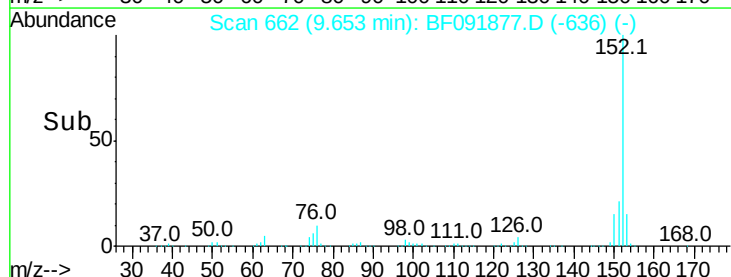
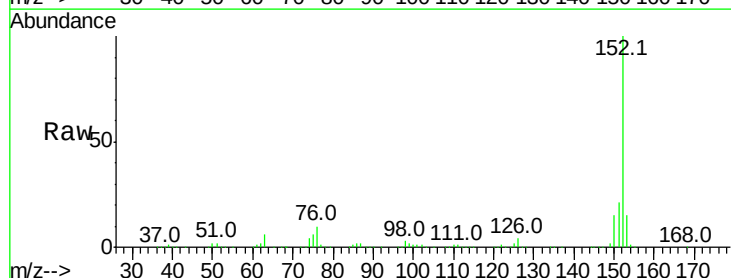
Manual Integrations  
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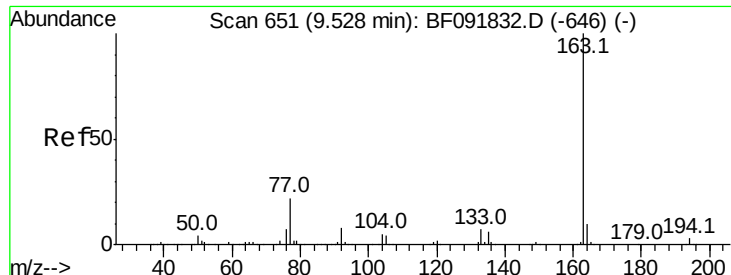
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 12/23/2016 5:51:37 PM



#48  
 Acenaphthylene  
 Concen: 39.21 ng  
 RT: 9.65 min Scan# 662  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 2217535 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.8  | 16.9  | 25.3    |
| 153       | 14.5  | 11.4  | 17.2    |





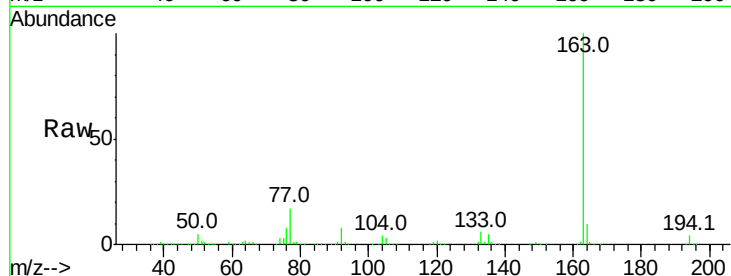
#49  
Dimethylphthalate  
Concen: 39.07 ng  
RT: 9.53 min Scan# 651  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

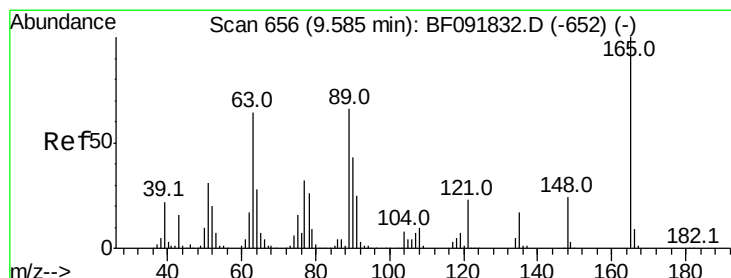
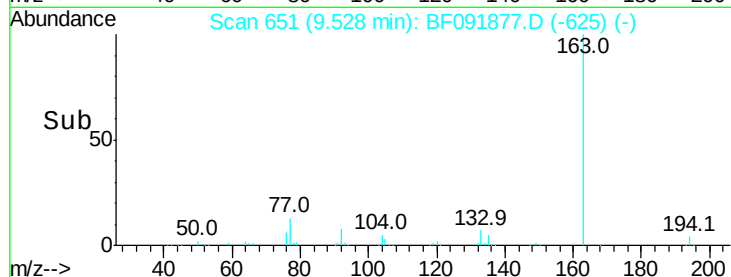
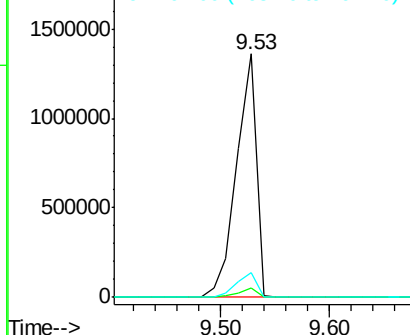
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.8   | 3.0   | 4.4   |
| 164     | 10.1  | 8.0   | 12.0  |

Manual Integrations  
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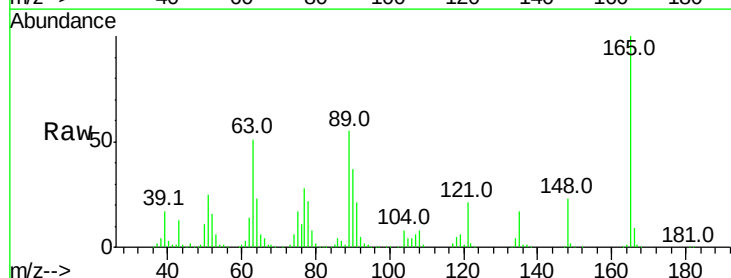


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

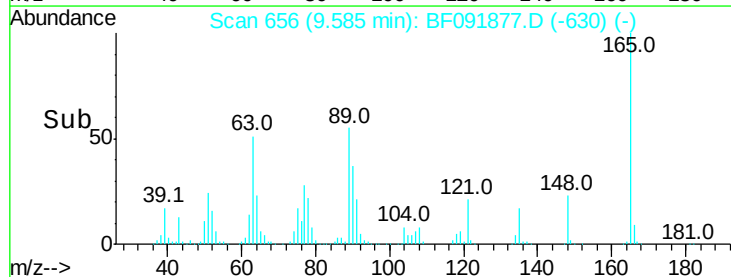
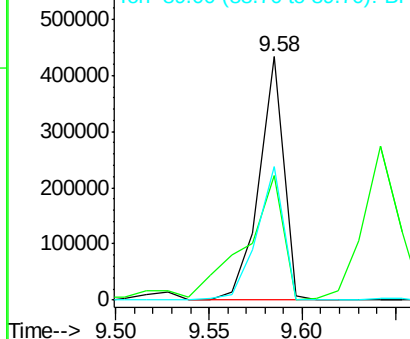


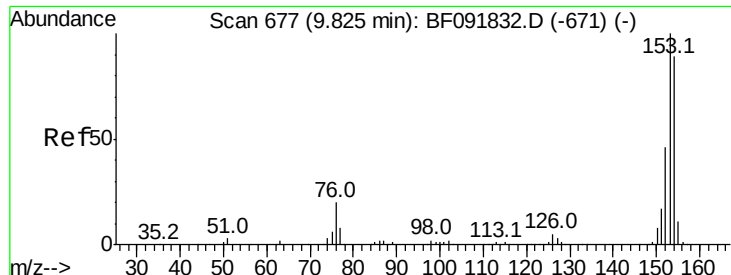
#50  
2,6-Dinitrotoluene  
Concen: 41.51 ng  
RT: 9.58 min Scan# 656  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.4  | 36.2  | 54.4  |
| 89      | 55.0  | 40.2  | 60.4  |



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: 36.61 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1403547

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

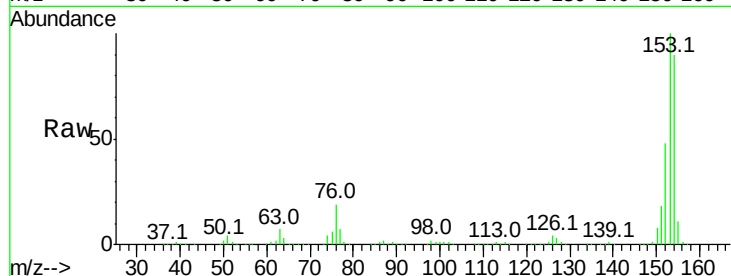
152 53.3 41.6 62.4

Manual Integrations

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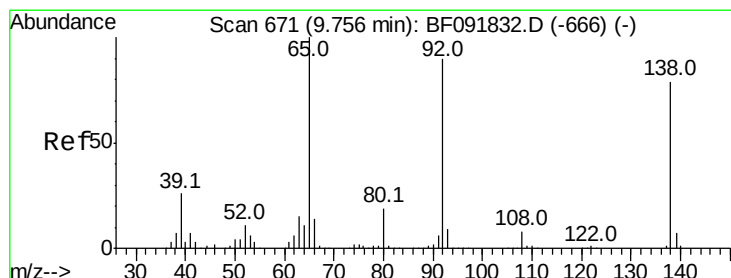
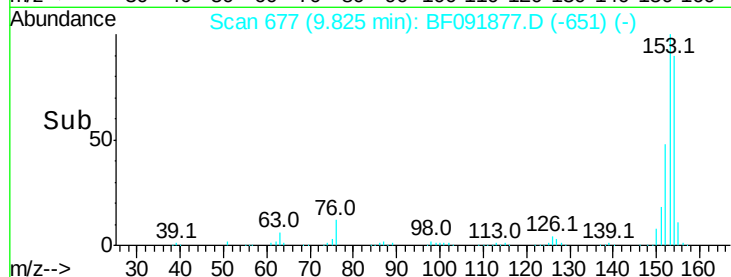
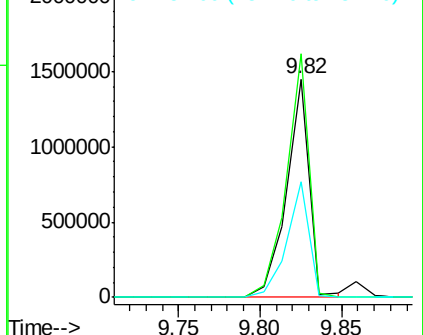
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.33 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

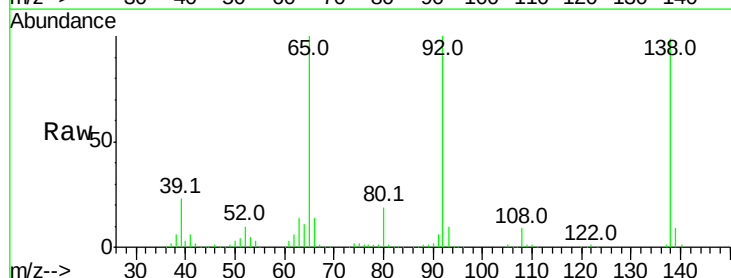
Tgt Ion:138 Resp: 509043

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

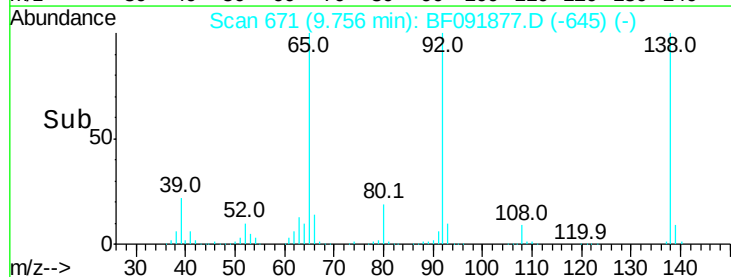
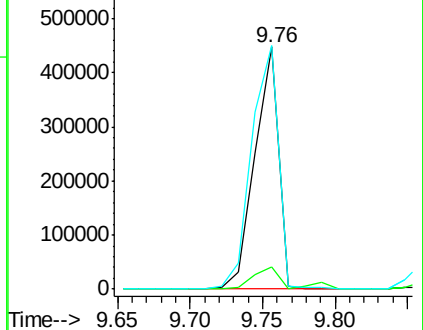
92 100.5 97.8 146.8

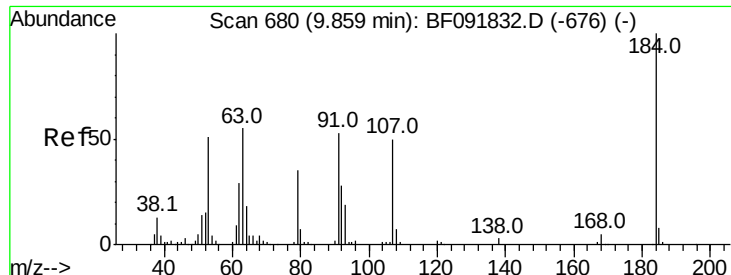


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





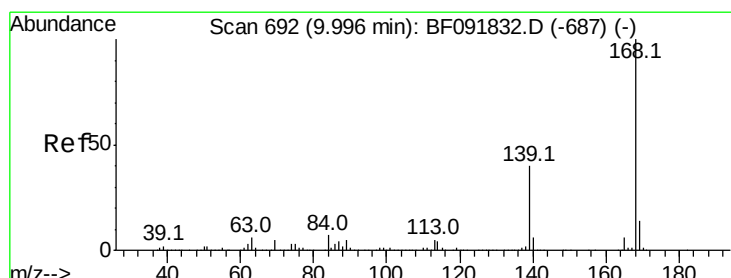
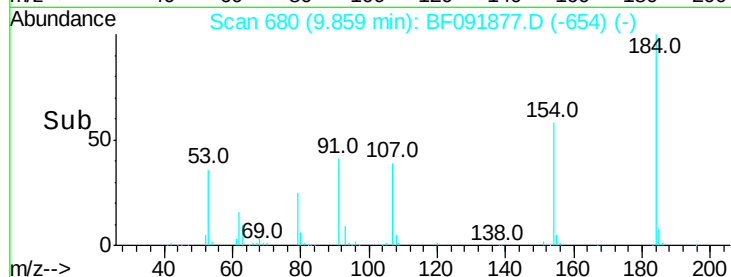
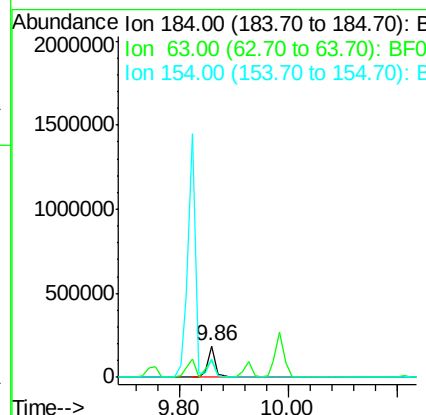
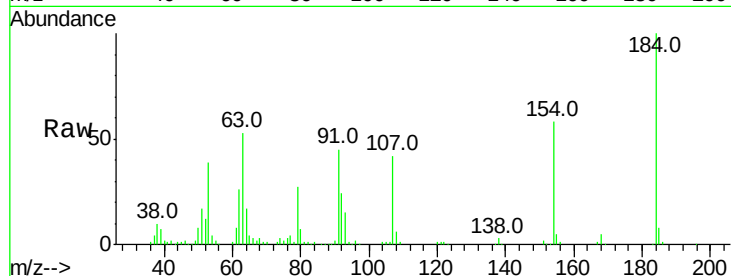
#53  
2,4-Dinitrophenol  
Concen: 35.01 ng  
RT: 9.86 min Scan# 680  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 184937 |       |       |
| 63      | 53.3  | 28.4   | 42.6# |       |
| 154     | 58.0  | 44.3   | 66.5  |       |

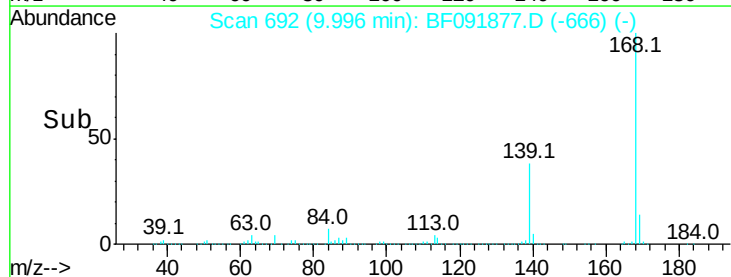
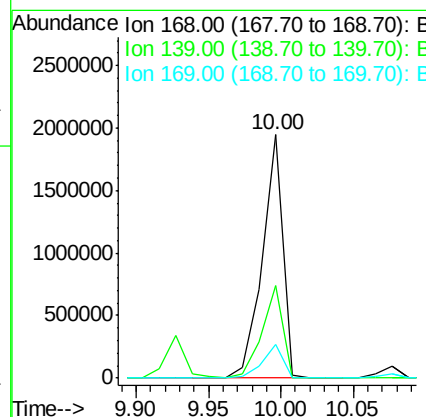
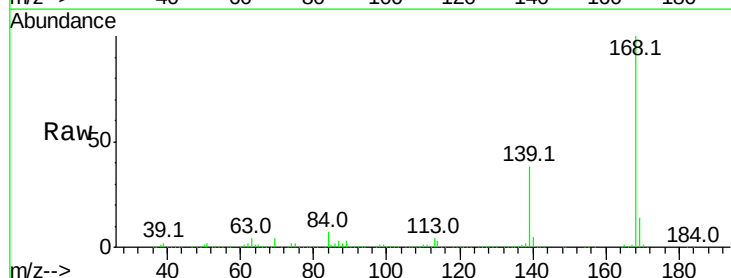
Manual Integrations  
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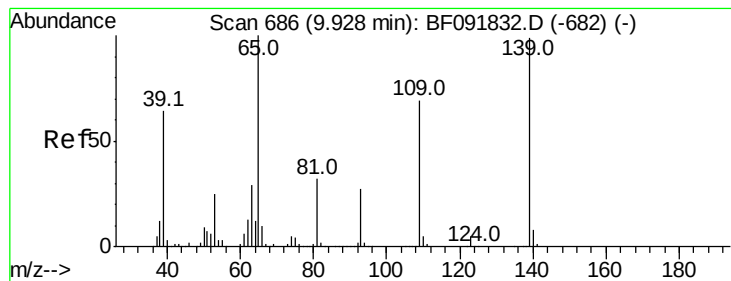
SOHIL  
12/23/2016 5:51:37 PM



#54  
Dibenzofuran  
Concen: 36.68 ng  
RT: 10.00 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1899362 |       |       |
| 139     | 38.0  | 32.6    | 49.0  |       |
| 169     | 13.8  | 11.3    | 16.9  |       |





#55

4-Nitrophenol

Concen: 39.63 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

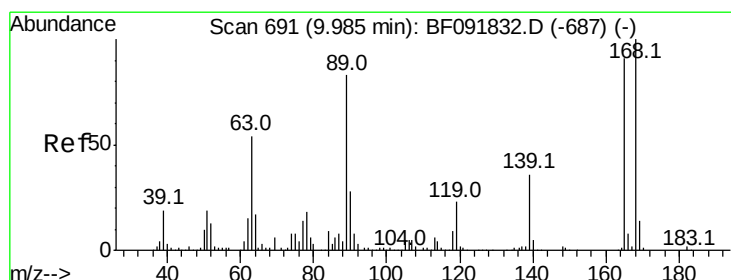
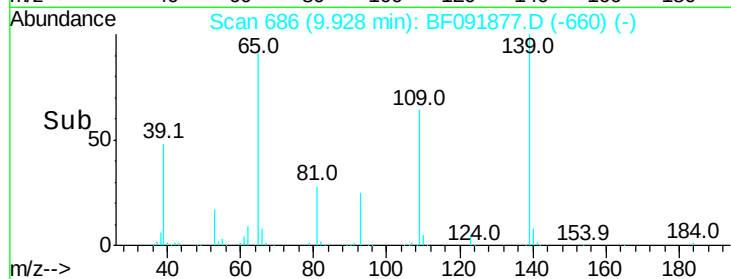
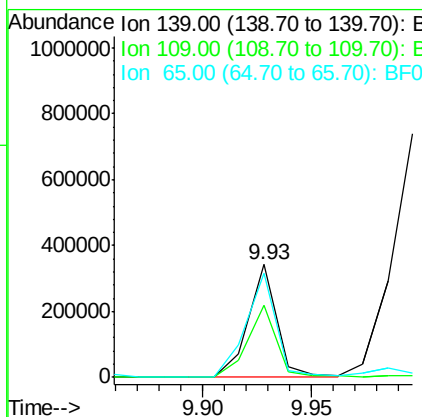
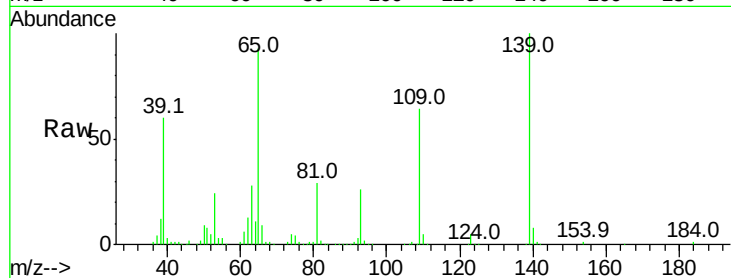
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 316174 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 64.4  | 52.2  | 92.2   |
| 65        | 92.6  | 85.8  | 125.8  |

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SOHIL  
12/23/2016 5:51:37 PM



#56

2,4-Dinitrotoluene

Concen: 37.35 ng

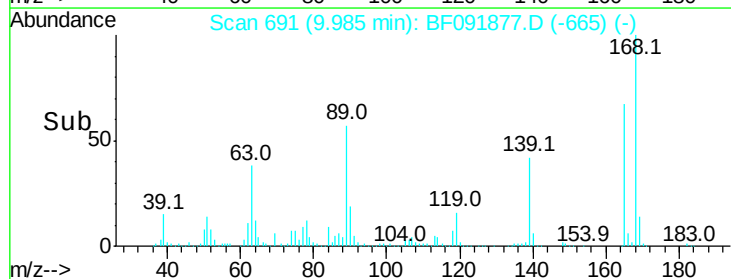
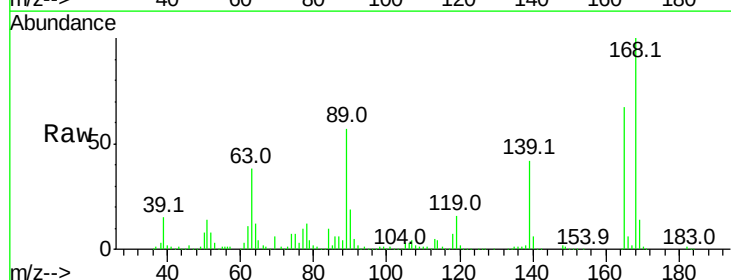
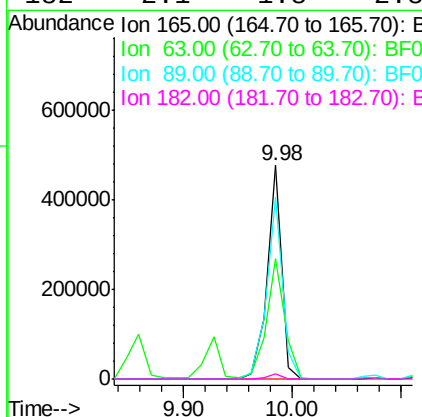
RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

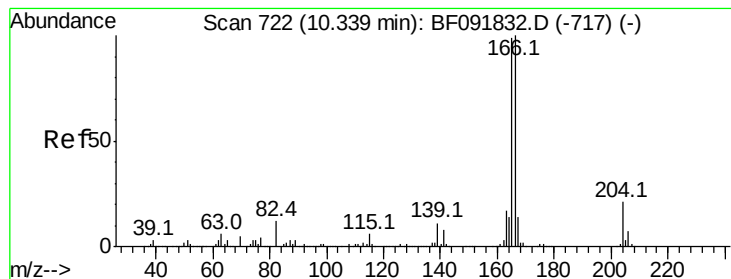
Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 445029 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 56.6  | 40.2  | 60.4   |
| 89        | 84.8  | 62.5  | 93.7   |
| 182       | 2.1   | 1.8   | 2.8    |







#57

Fluorene

Concen: 42.71 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1608919

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

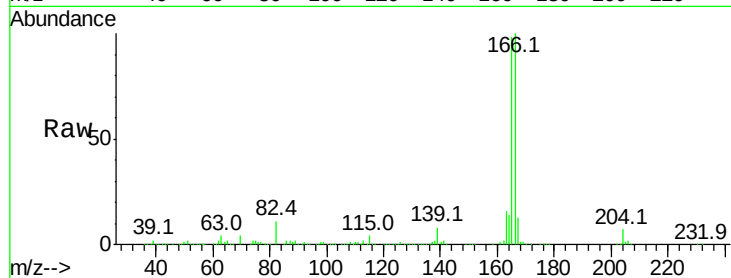
167 13.5 10.8 16.2

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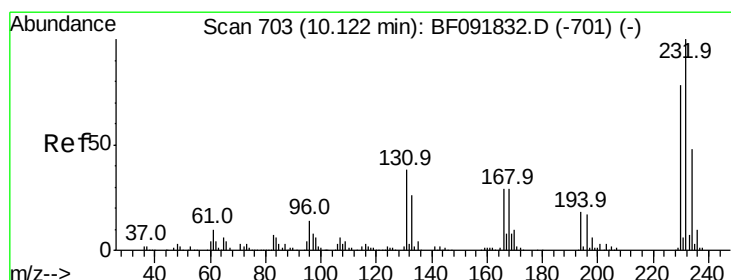
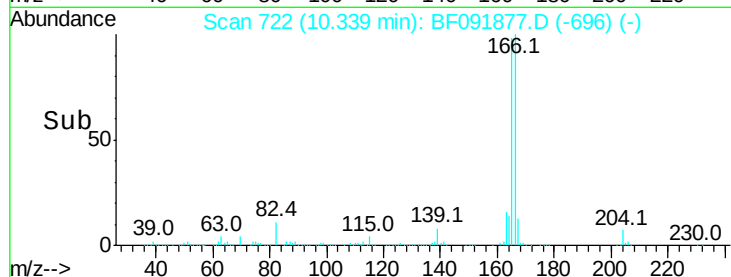
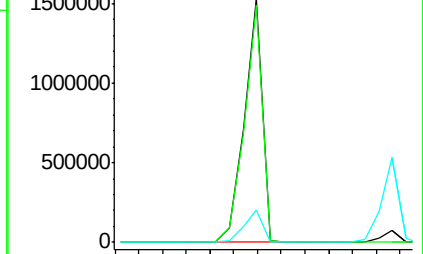
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.55 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Tgt Ion:232 Resp: 366234

Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.2 1.8 2.8

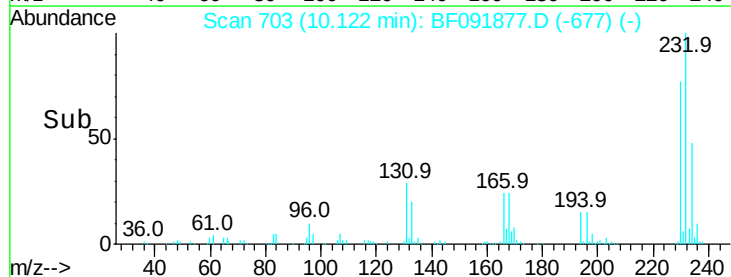
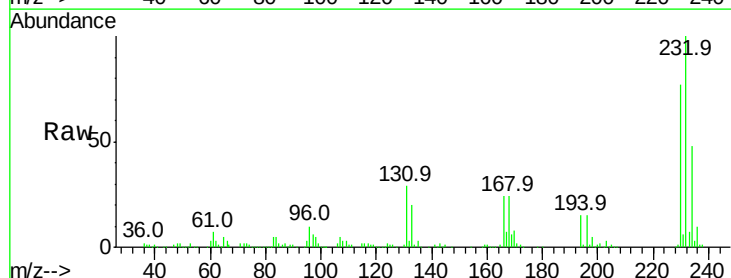
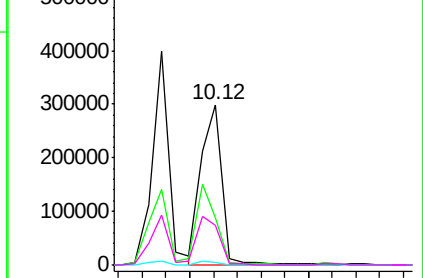
166 32.5 26.6 39.8

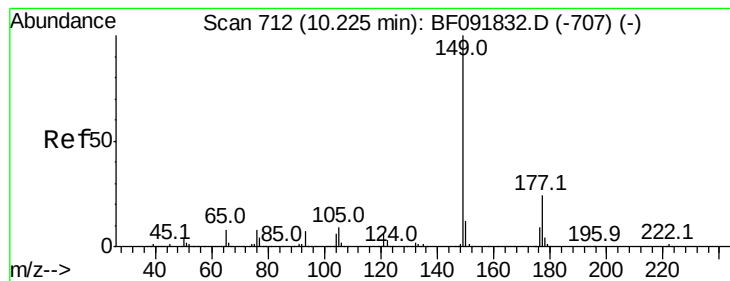
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.64 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1585637

Ion Ratio Lower Upper

149 100

177 20.8 16.6 25.0

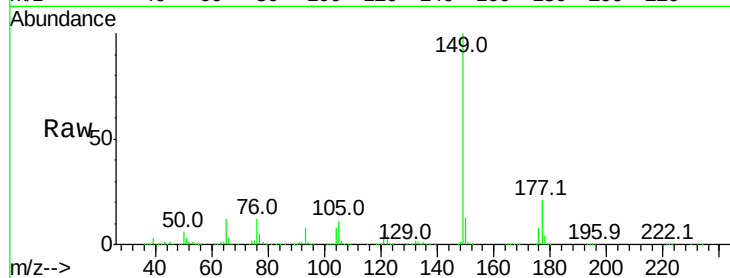
150 12.8 10.4 15.6

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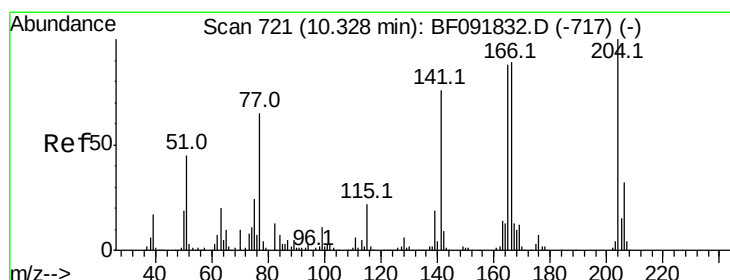
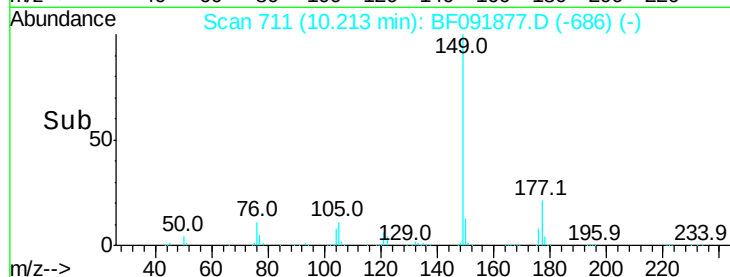
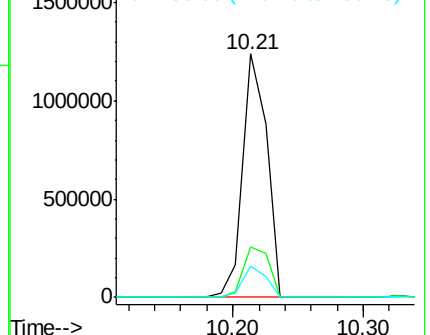
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.63 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

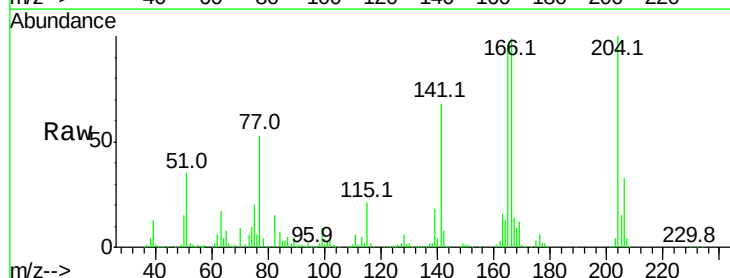
Tgt Ion:204 Resp: 620759

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

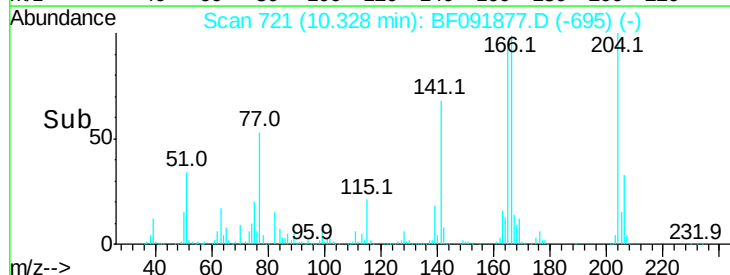
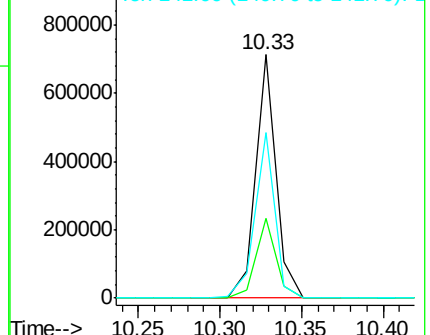
141 67.8 59.4 89.0

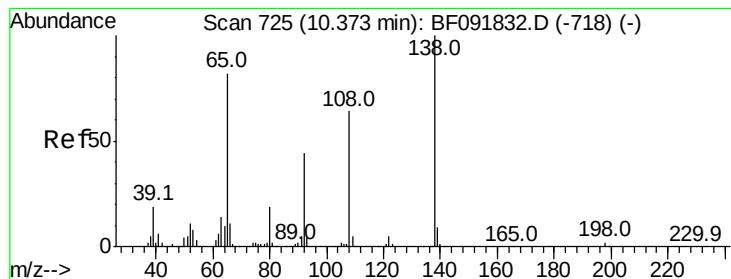


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





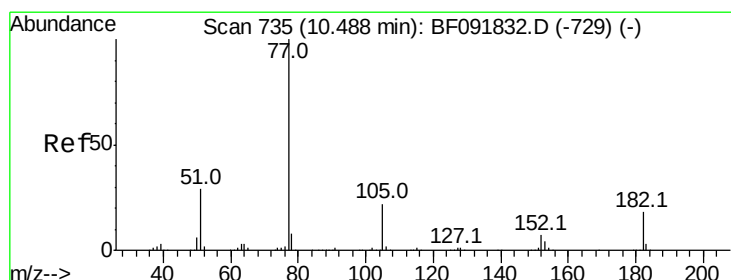
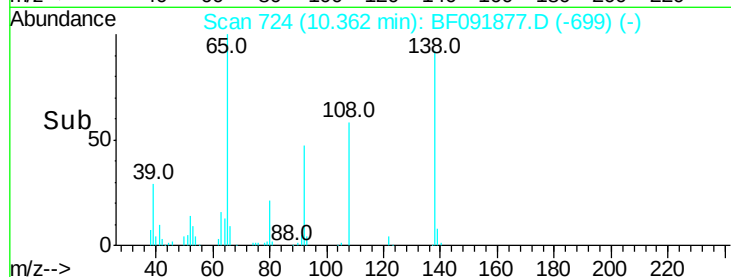
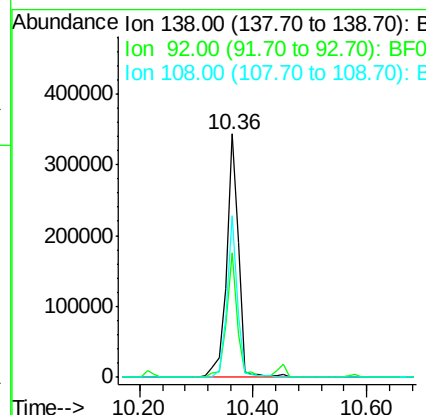
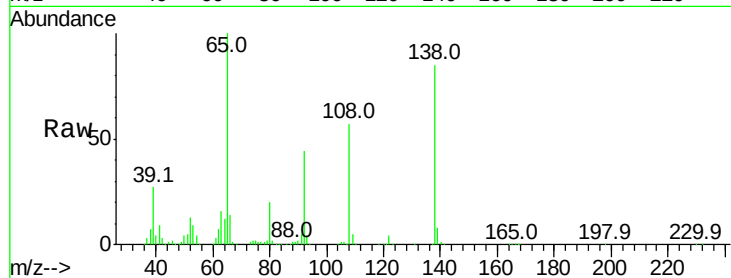
#61  
4-Nitroaniline  
Concen: 41.34 ng  
RT: 10.36 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.3  | 31.7  | 71.7  |
| 108     | 66.2  | 52.6  | 92.6  |

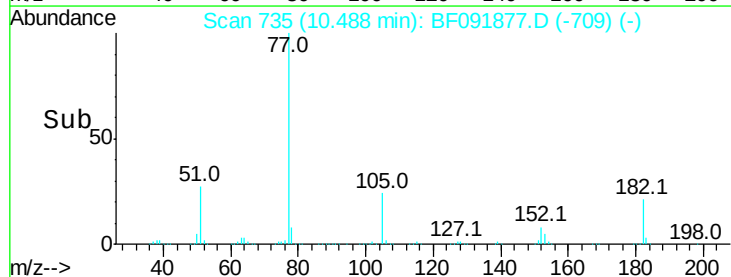
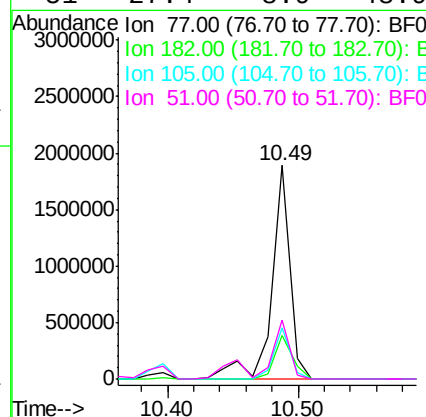
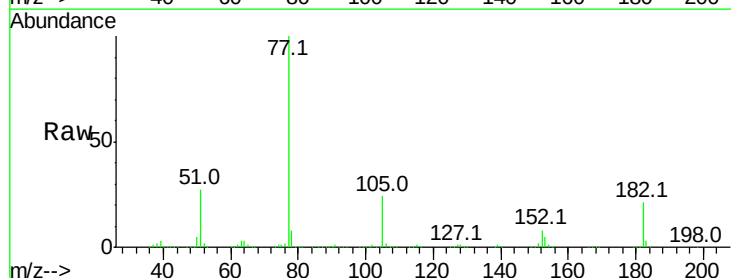
Manual Integrations  
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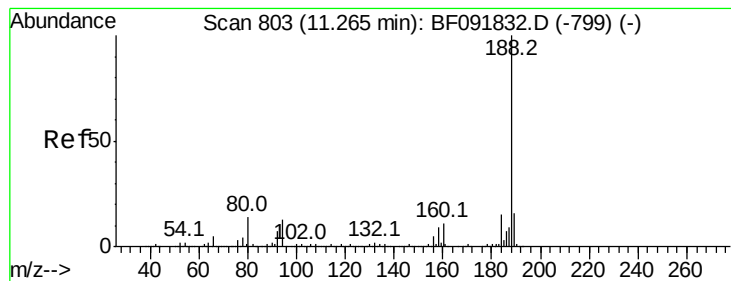
SOHIL  
12/23/2016 5:51:37 PM



#62  
Azobenzene  
Concen: 40.27 ng  
RT: 10.49 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 20.7  | 0.0   | 39.3  |
| 105     | 24.3  | 2.3   | 42.3  |
| 51      | 27.4  | 8.9   | 48.9  |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion:188 Resp: 1132373

Ion Ratio Lower Upper

188 100

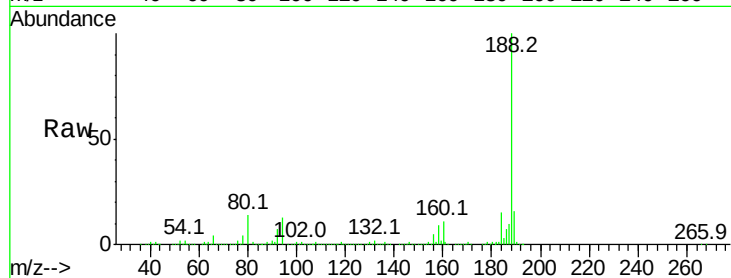
94 12.6 10.0 15.0

80 13.5 11.2 16.8

Manual Integrations  
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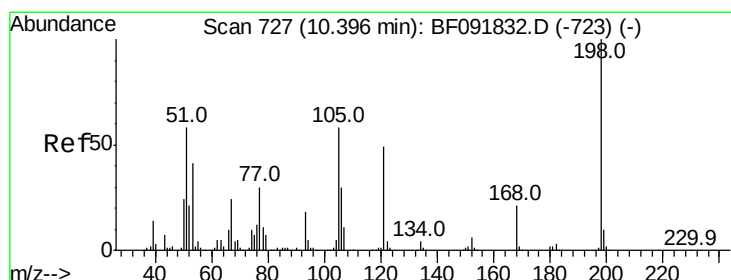
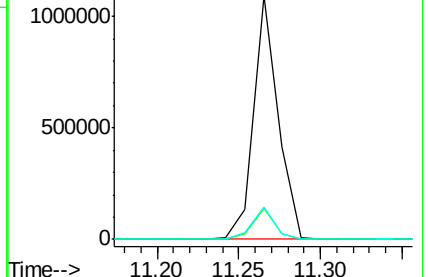
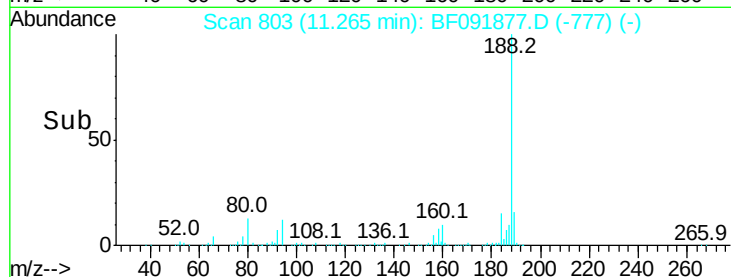
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.65 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

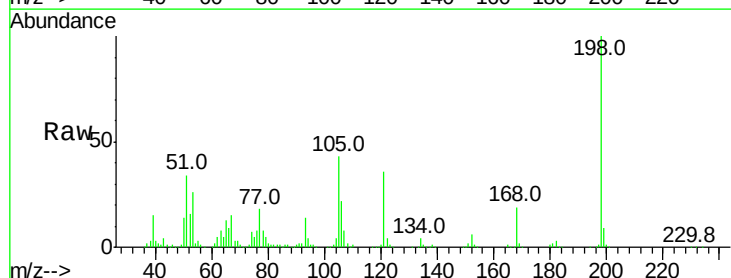
Tgt Ion:198 Resp: 298890

Ion Ratio Lower Upper

198 100

51 33.8 6.7 46.7

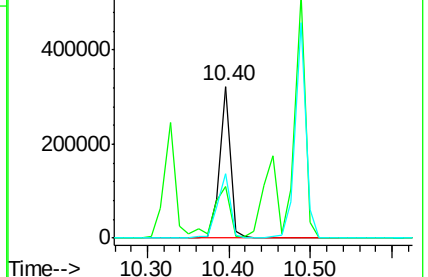
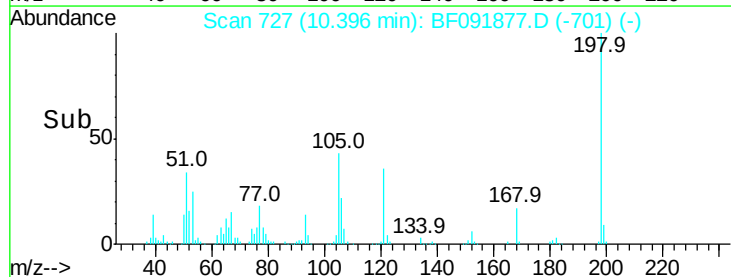
105 42.6 16.6 56.6

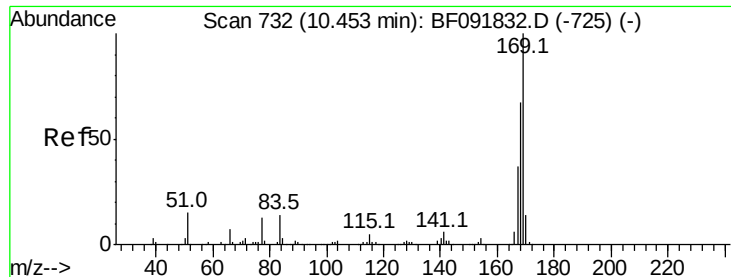


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.68 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1400383

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

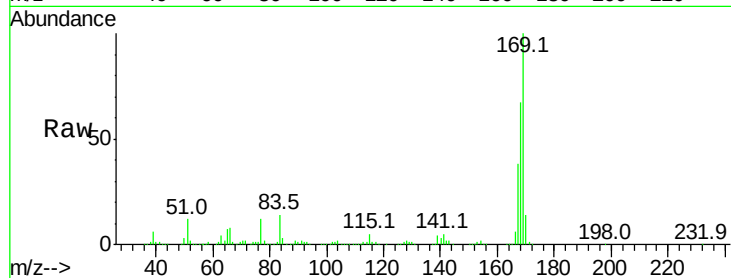
167 37.9 30.2 45.4

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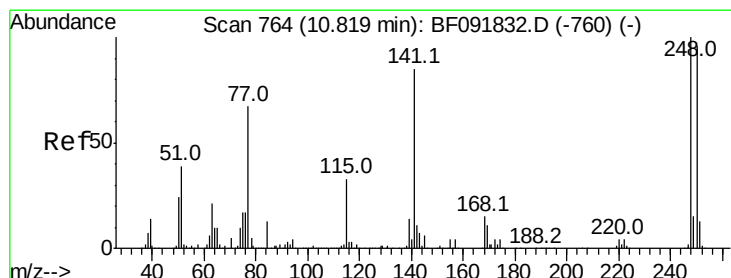
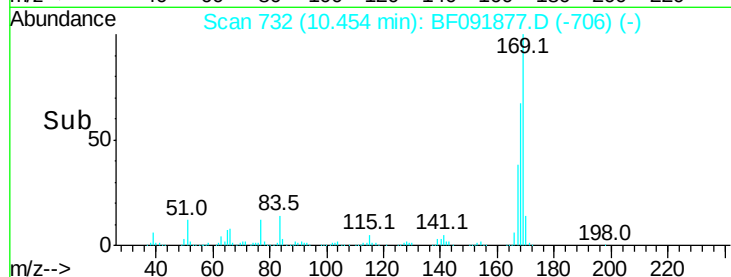
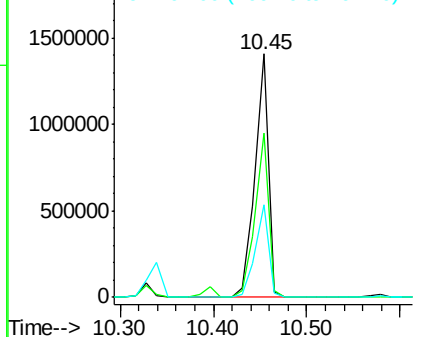
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.97 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

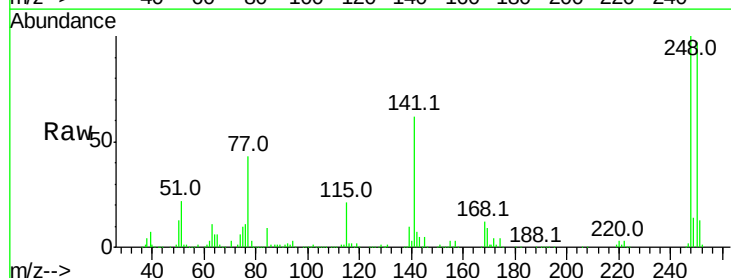
Tgt Ion:248 Resp: 470787

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

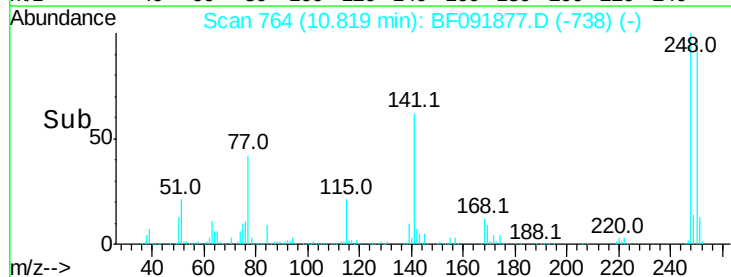
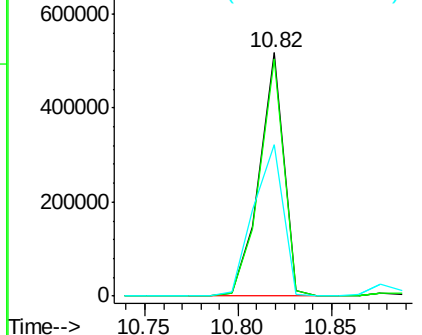
141 62.0 68.2 102.4#

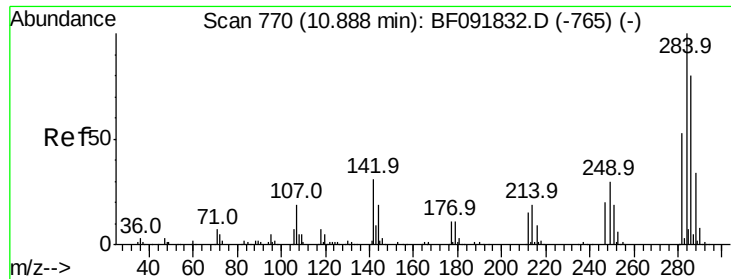


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.82 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

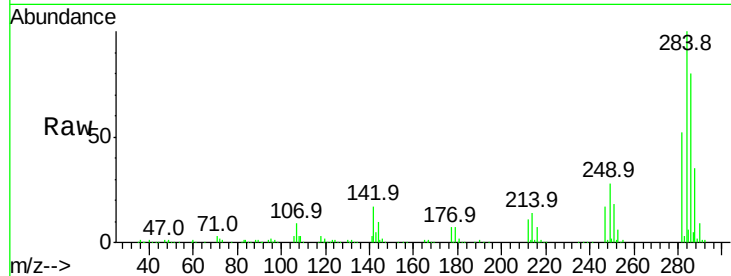
ClientSampleId :

SSTDCCC040

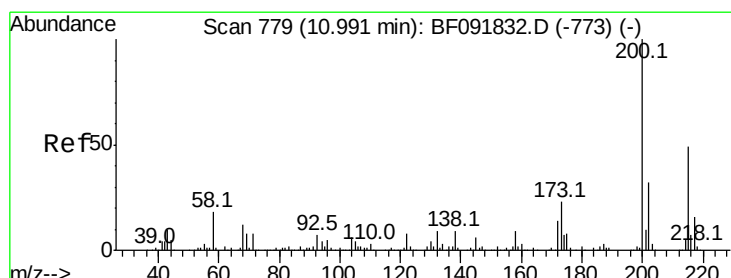
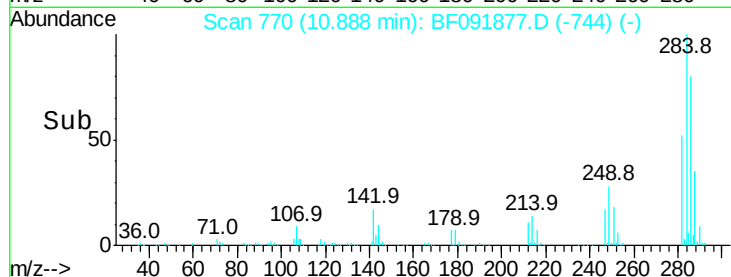
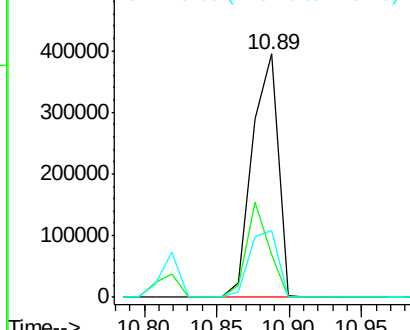
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 17.4  | 22.6 | 33.8# |       |
| 249     | 27.6  | 25.4 | 38.0  |       |

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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: 31.66 ng

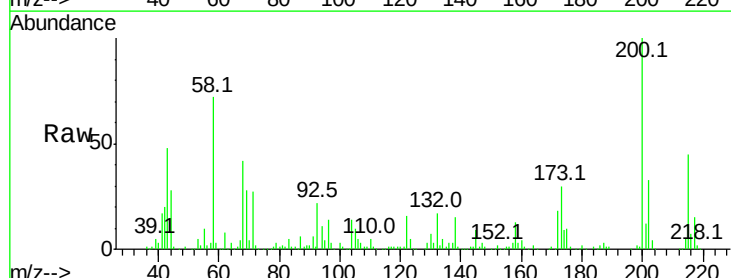
RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

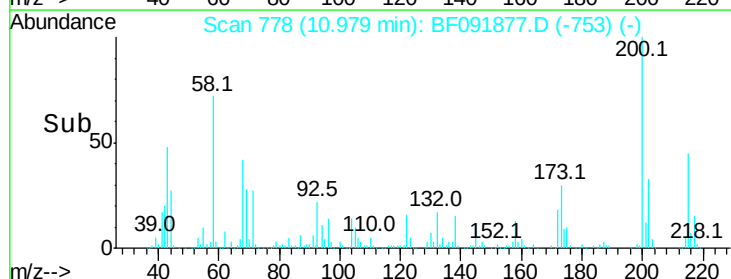
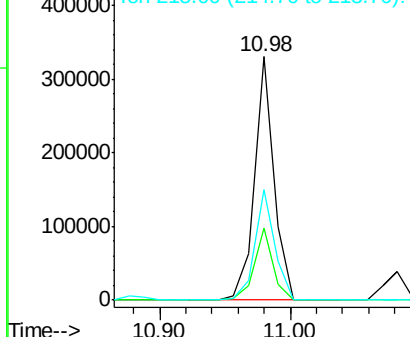
Lab File: BF091877.D

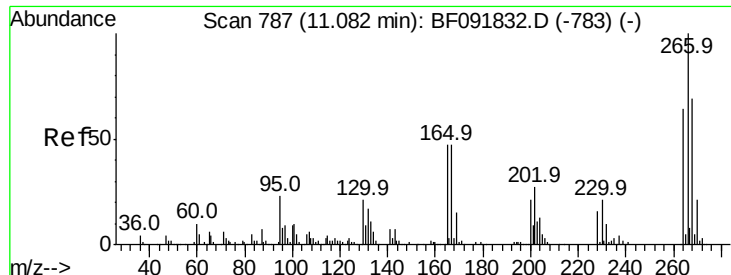
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 29.7  | 9.6  | 49.6  |       |
| 215     | 45.1  | 25.7 | 65.7  |       |



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





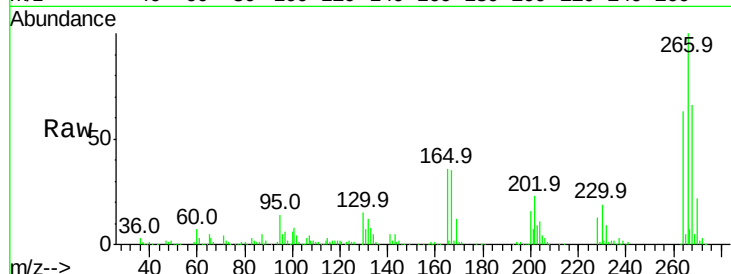
#69  
 Pentachlorophenol  
 Concen: 40.83 ng  
 RT: 11.08 min Scan# 787  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

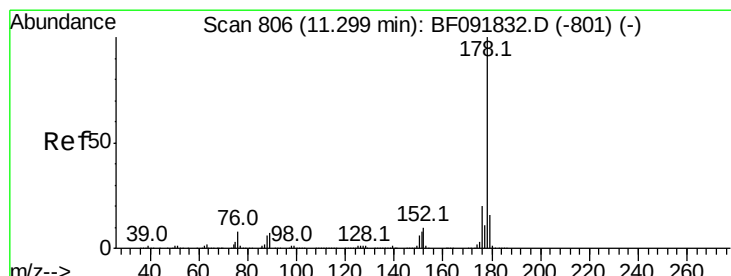
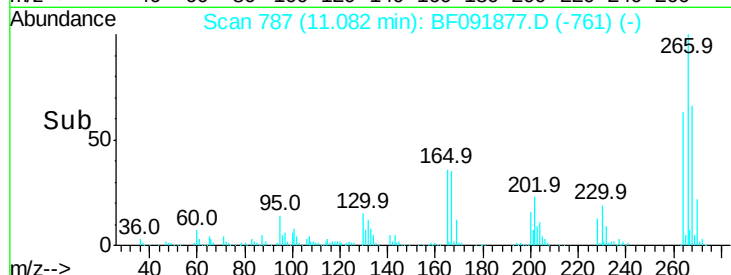
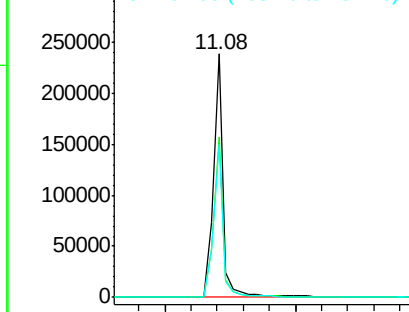
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.9  | 53.3  | 79.9  |
| 264     | 62.8  | 50.3  | 75.5  |

Manual Integrations  
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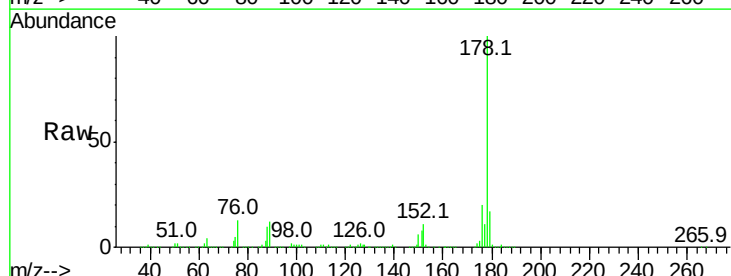


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

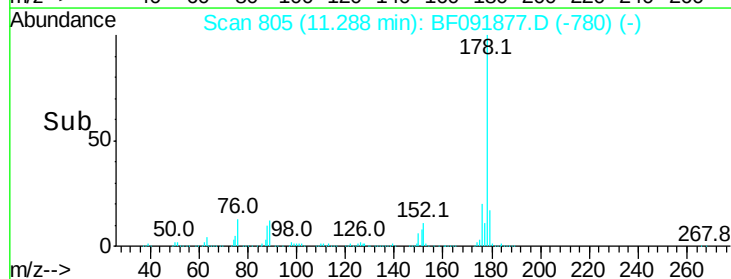
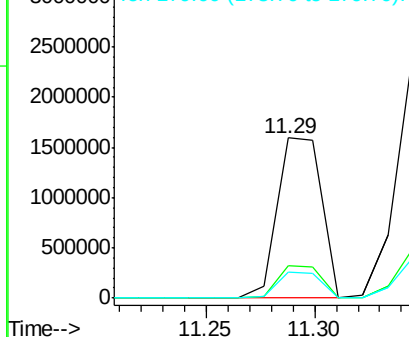


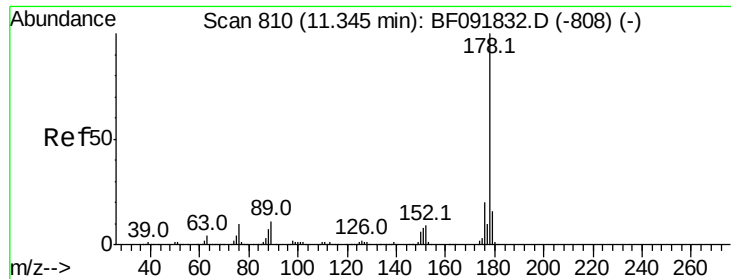
#70  
 Phenanthrene  
 Concen: 36.85 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 16.6  | 25.0  |
| 179     | 16.6  | 12.8  | 19.2  |



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: 39.13 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2226606

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

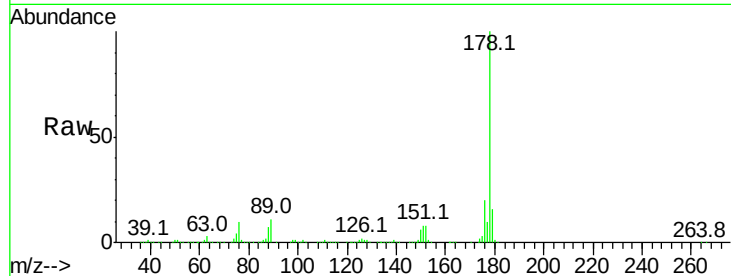
179 16.4 13.2 19.8

Manual Integrations

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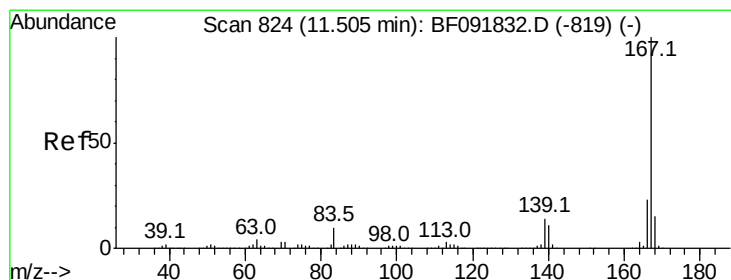
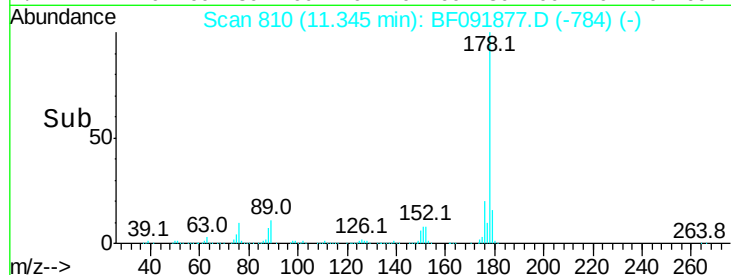
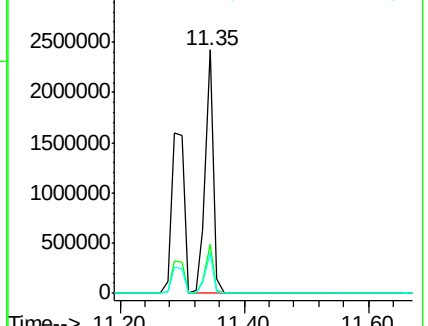
12/23/2016 5:51:37 PM



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: 42.33 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

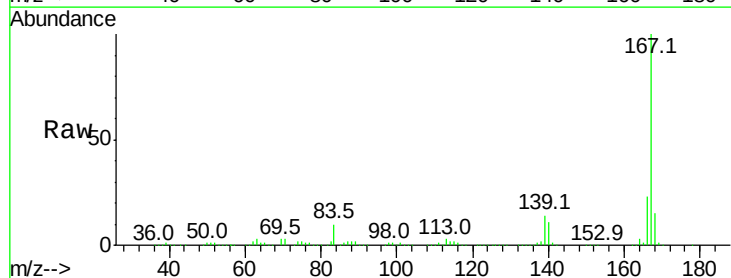
Tgt Ion:167 Resp: 2196990

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

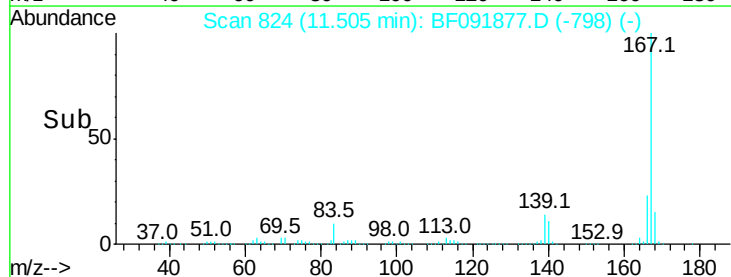
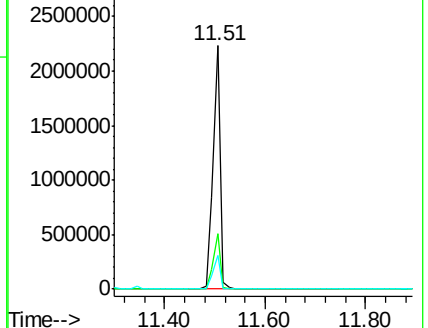
139 14.0 11.4 17.2



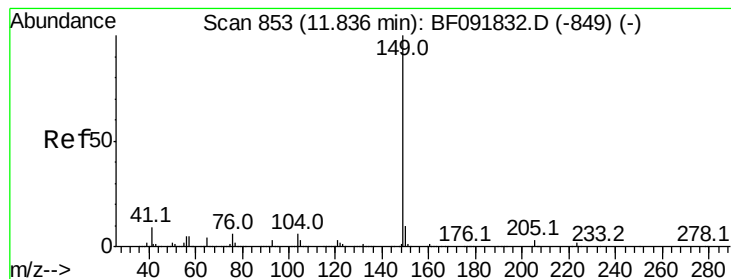
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







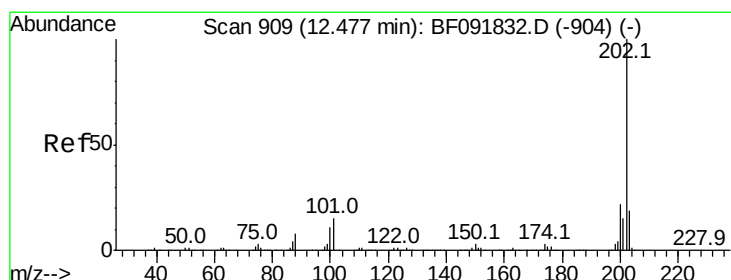
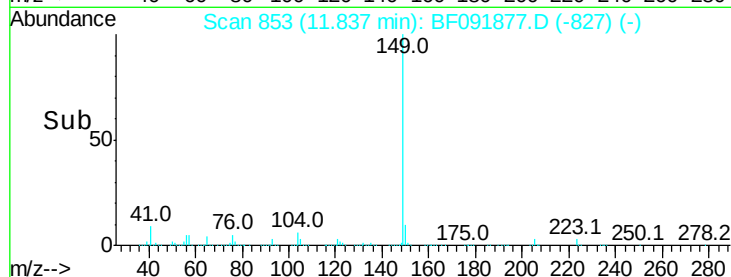
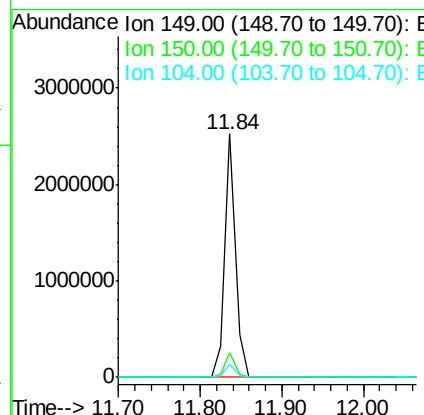
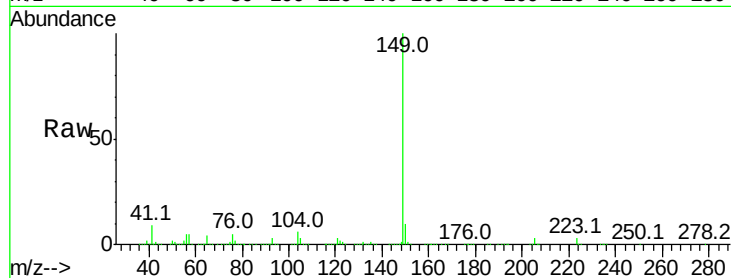
#73  
Di-n-butylphthalate  
Concen: 38.33 ng  
RT: 11.84 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.2  | 8.1   | 12.1  |
| 104     | 5.6   | 4.6   | 7.0   |

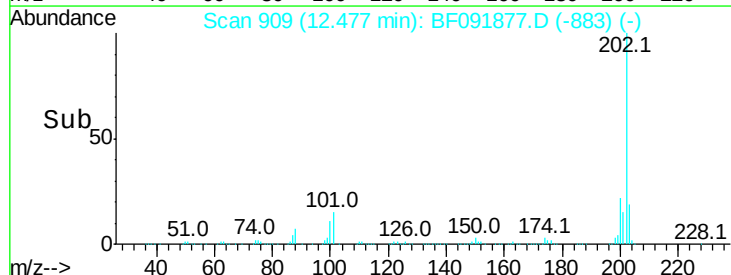
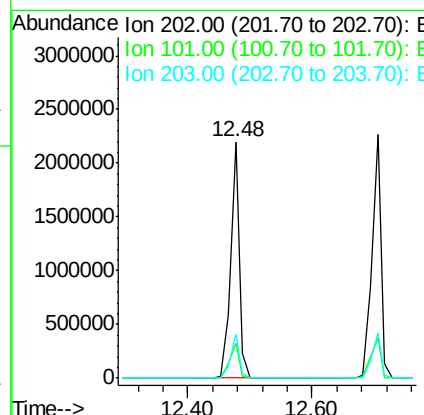
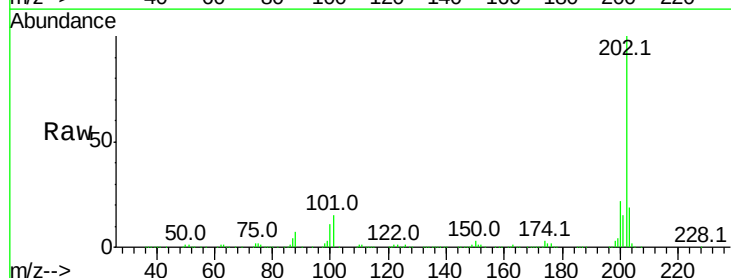
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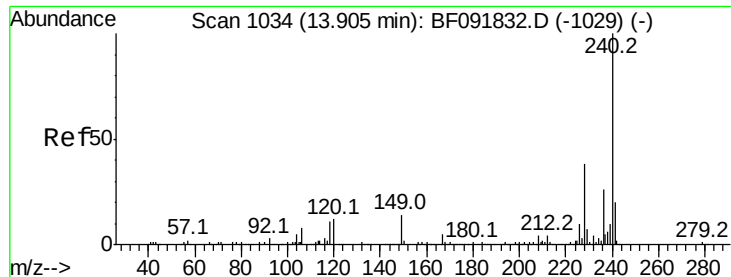
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#74  
Fluoranthene  
Concen: 38.41 ng  
RT: 12.48 min Scan# 909  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.8  | 0.0   | 34.6  |
| 203     | 18.8  | 0.0   | 38.7  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

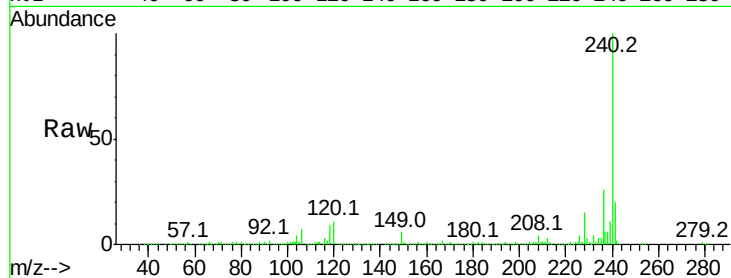
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.7  | 12.9  | 19.3# |
| 236     | 26.4  | 20.9  | 31.3  |

Manual Integrations  
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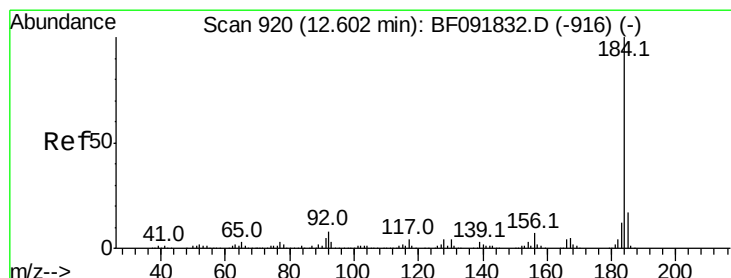
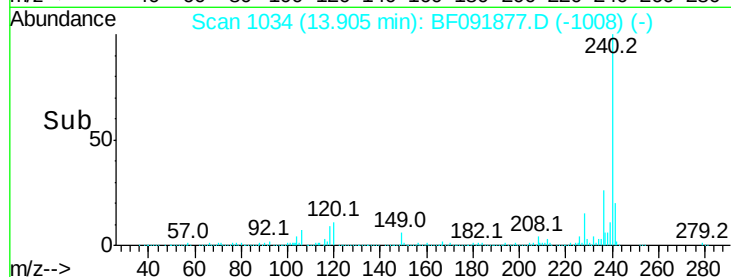
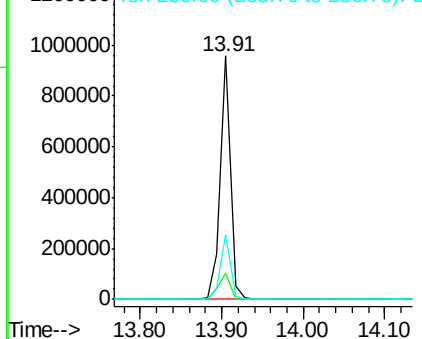
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.18 ng

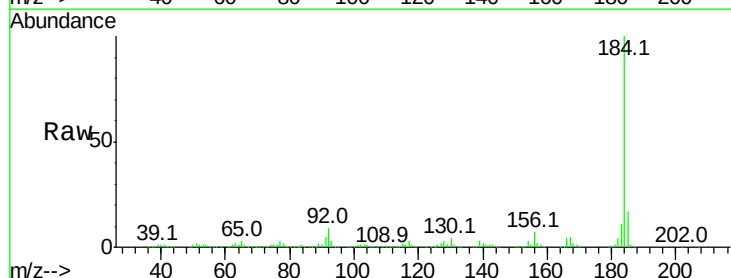
RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

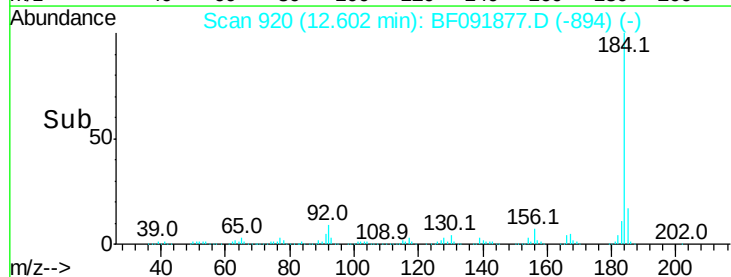
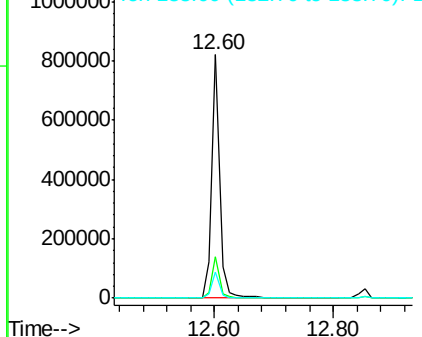
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 17.1  | 13.4  | 20.0  |
| 183     | 10.8  | 9.2   | 13.8  |

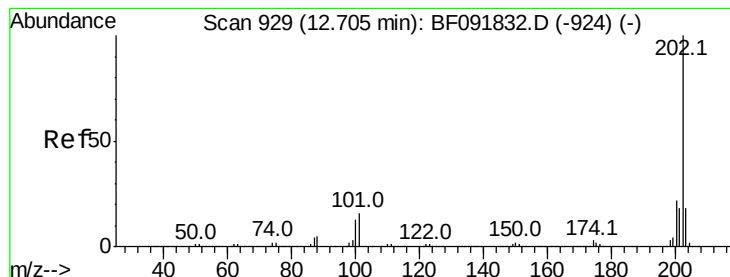


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.99 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2247248

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

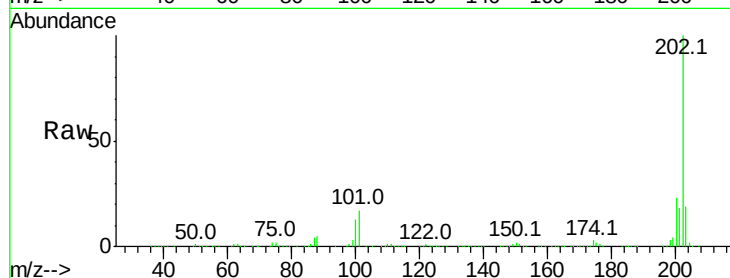
203 18.7 14.7 22.1

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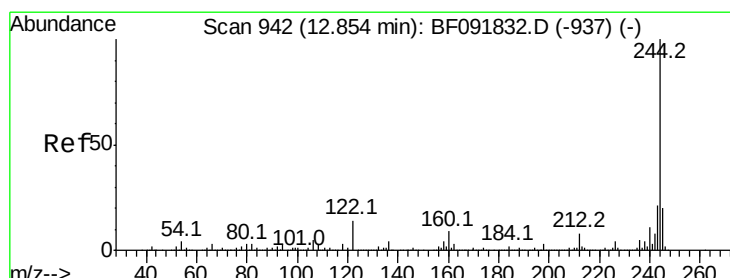
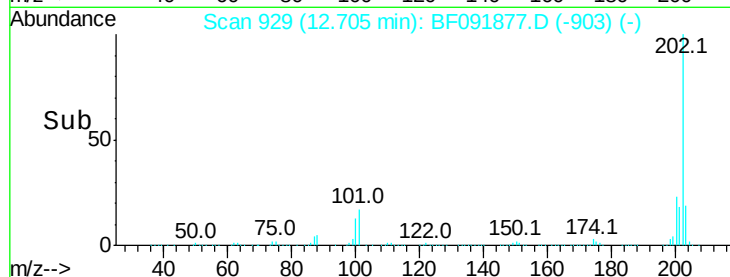
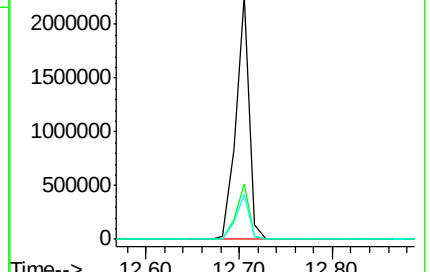
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.18 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

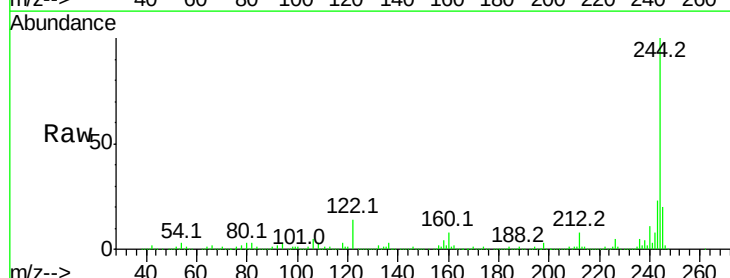
Tgt Ion:244 Resp: 2259549

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

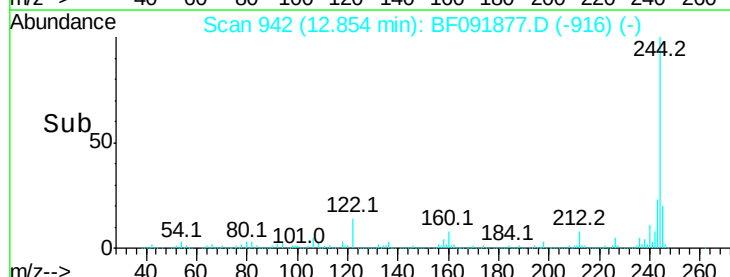
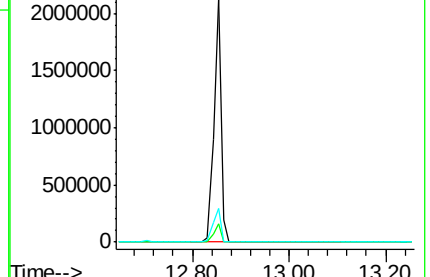
122 13.7 11.4 17.2

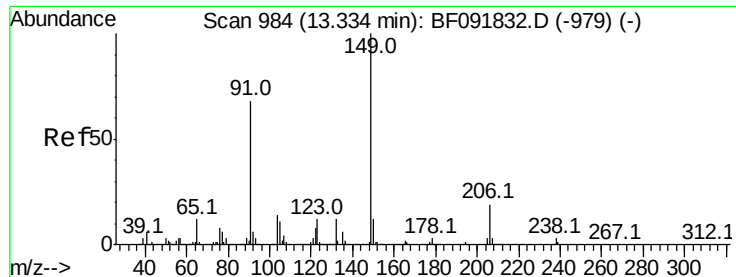


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.71 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1124788

Ion Ratio Lower Upper

149 100

91 63.1 63.9 95.9#

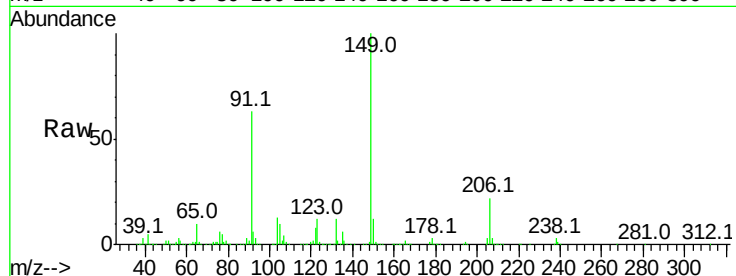
206 21.6 14.6 21.8

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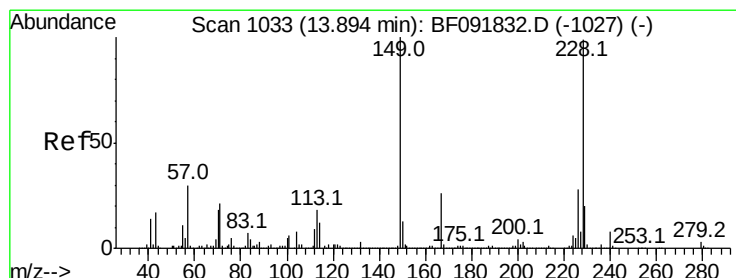
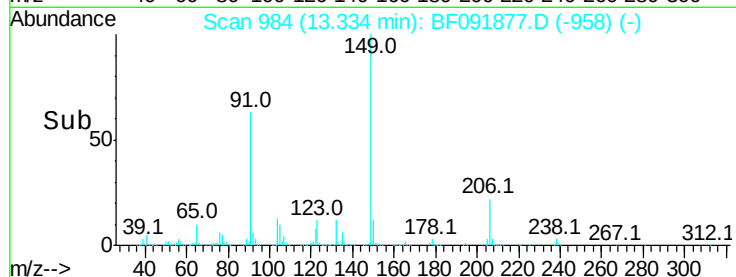
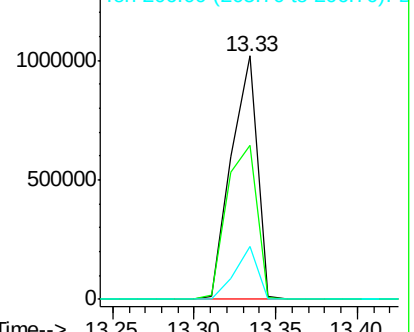
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.56 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

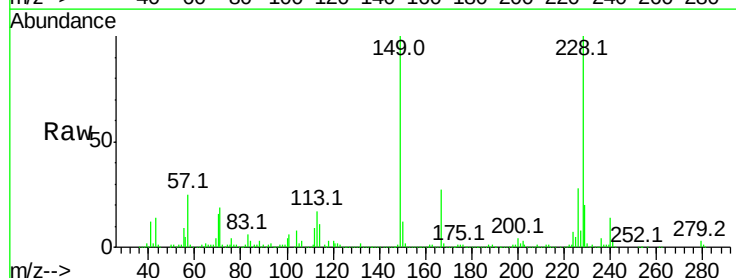
Tgt Ion:228 Resp: 1615376

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

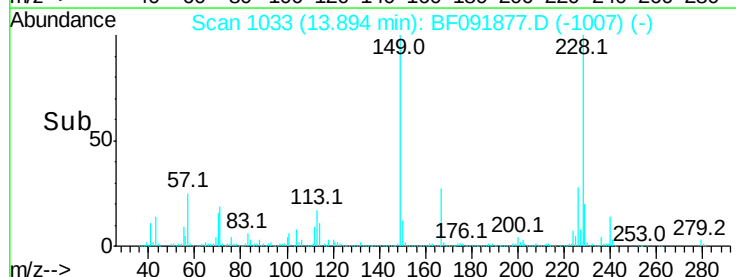
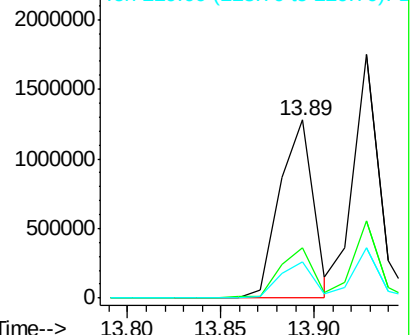
229 20.3 16.2 24.4

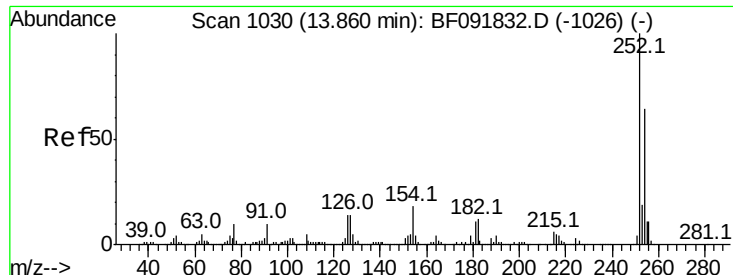


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





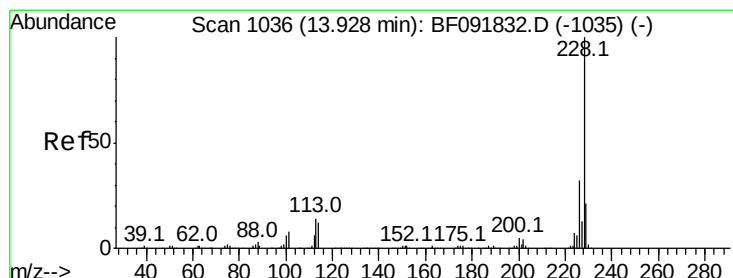
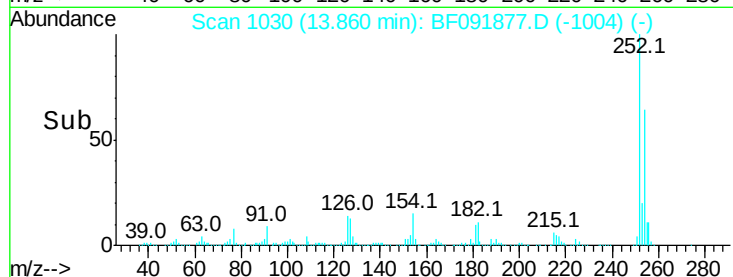
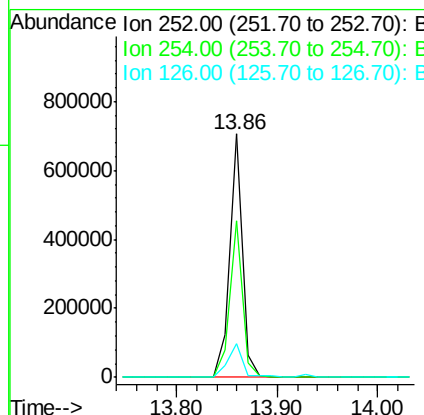
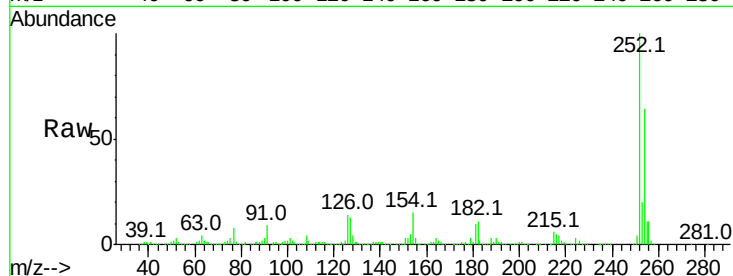
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.28 ng  
 RT: 13.86 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 625302 |       |       |
| 254     | 64.3  | 52.3   | 78.5  |       |
| 126     | 13.7  | 13.6   | 20.4  |       |

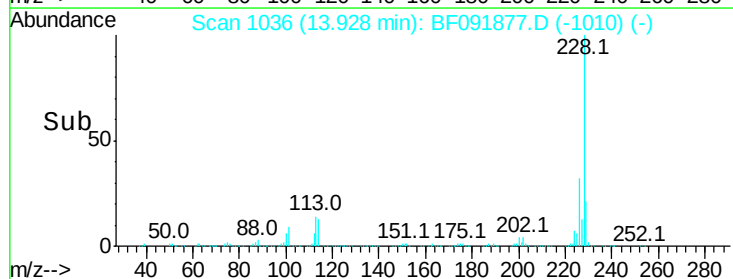
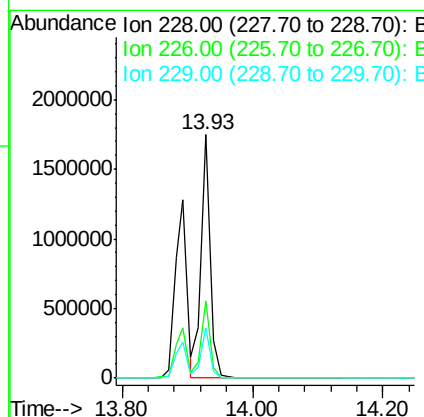
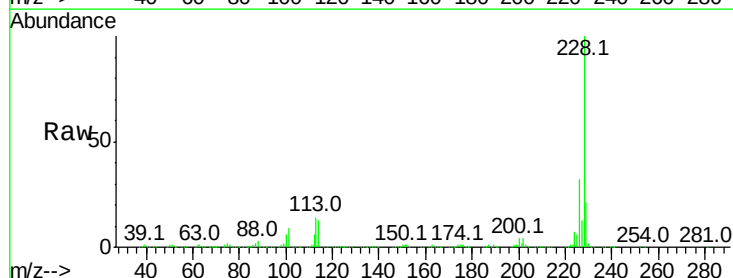
Manual Integrations  
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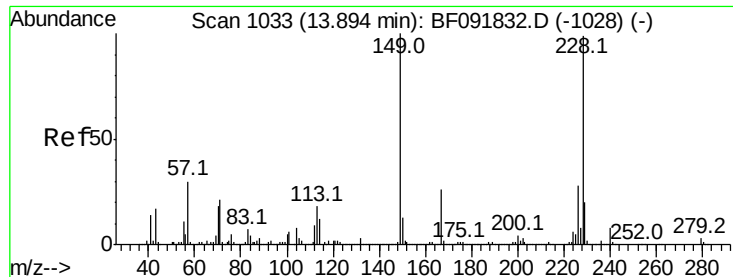
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 12/23/2016 5:51:37 PM



#82  
 Chrysene  
 Concen: 35.54 ng  
 RT: 13.93 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1666393 |       |       |
| 226     | 32.0  | 25.4    | 38.0  |       |
| 229     | 20.7  | 16.2    | 24.2  |       |





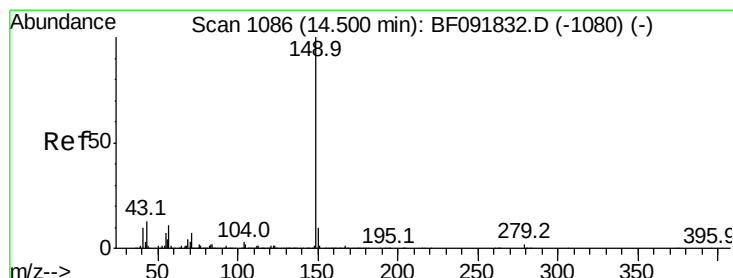
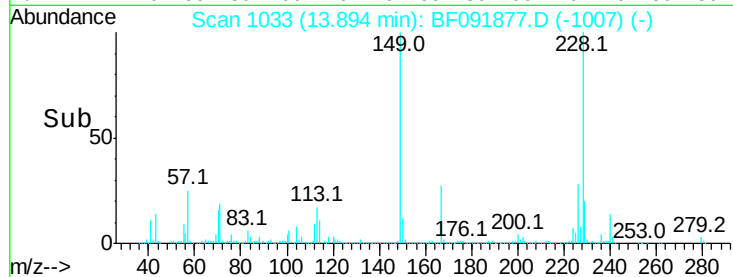
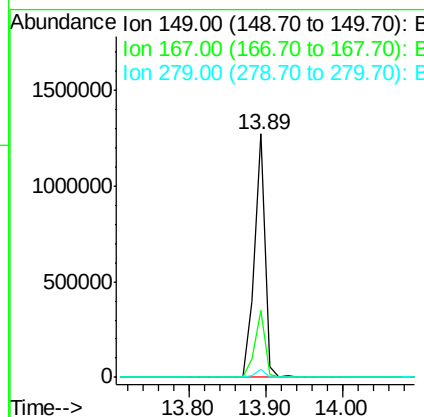
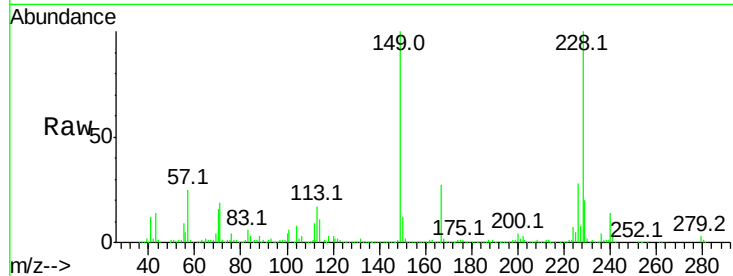
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.95 ng  
 RT: 13.89 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:149 Resp: 1202395  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 20.2 30.4  
 279 3.2 1.8 2.8#

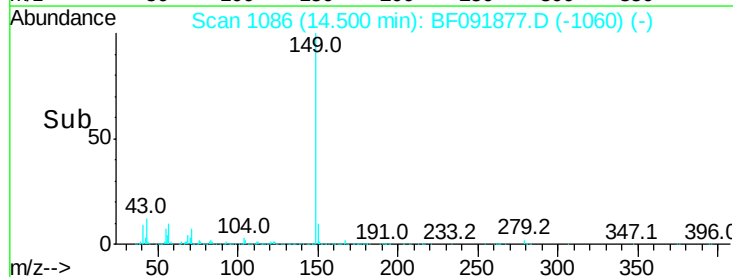
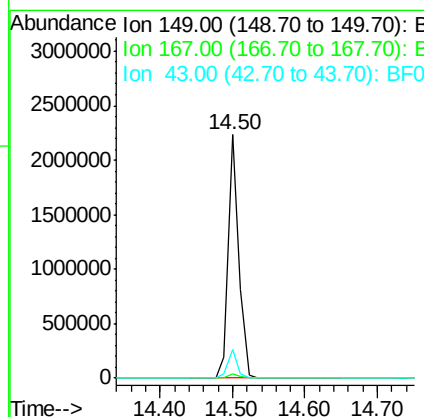
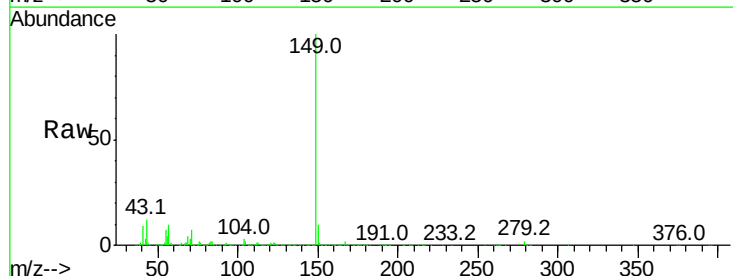
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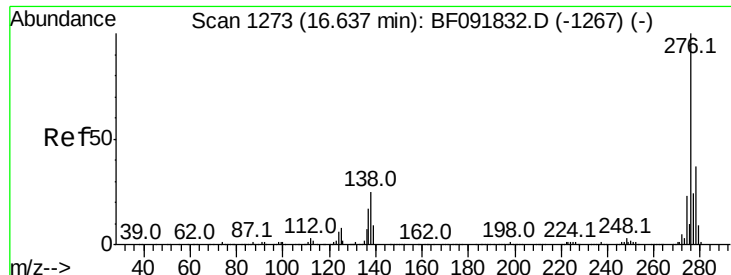
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#84  
 Di-n-octyl phthalate  
 Concen: 37.38 ng  
 RT: 14.50 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Tgt Ion:149 Resp: 2253048  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 11.0 8.9 13.3





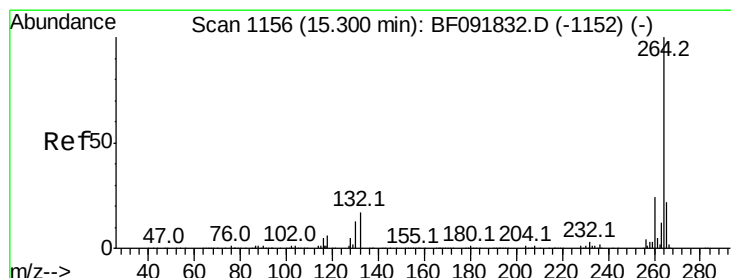
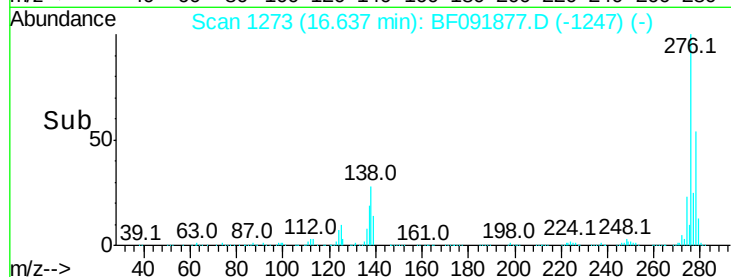
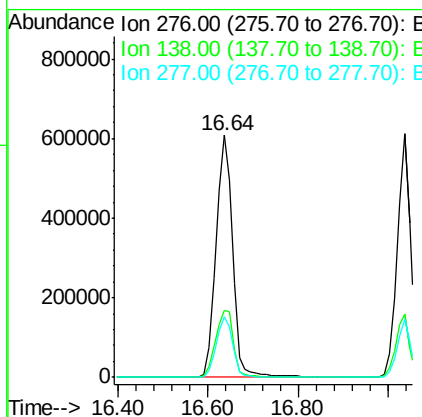
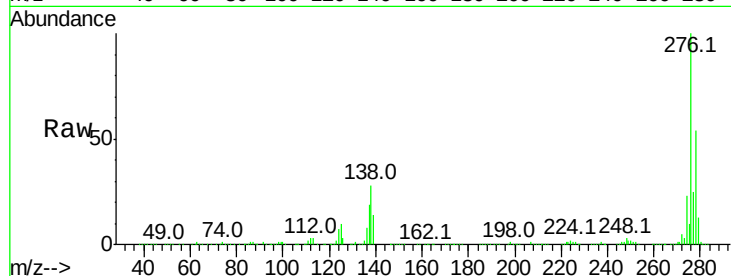
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.58 ng  
 RT: 16.64 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.2  | 21.8  | 32.6  |
| 277     | 25.0  | 20.2  | 30.4  |

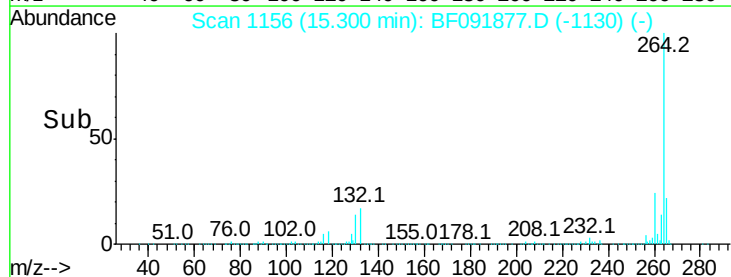
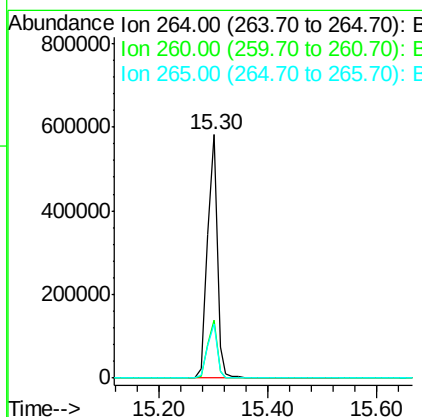
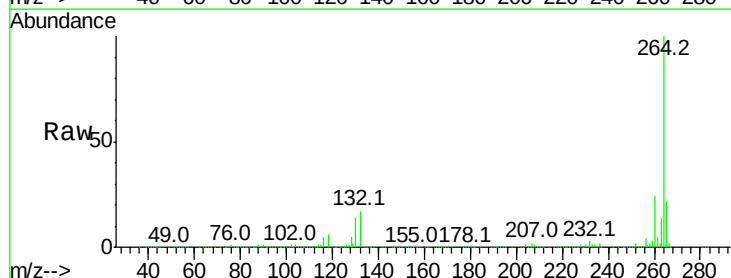
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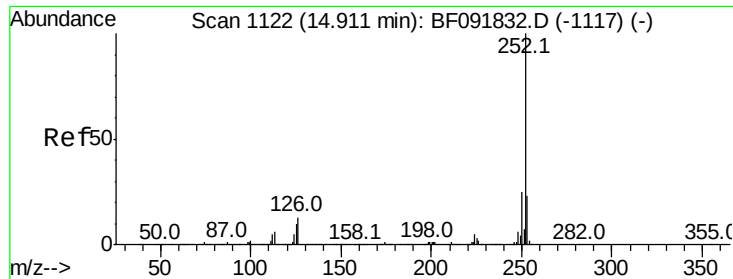
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.30 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 22.1  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 42.66 ng m

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA\_F

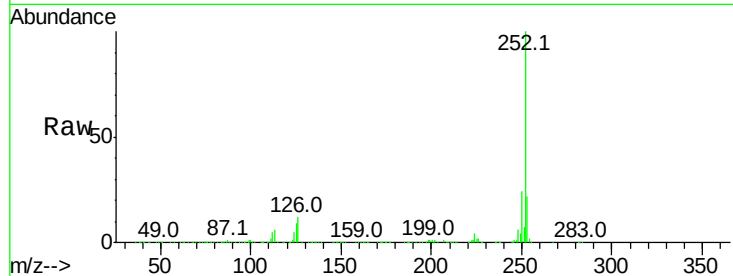
ClientSampleId :

SSTDCCC040

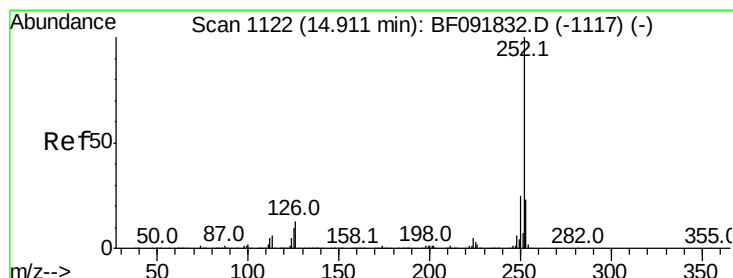
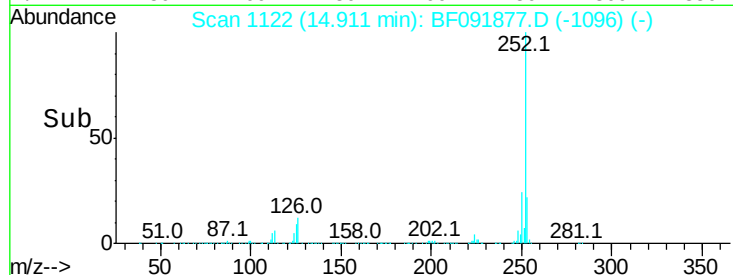
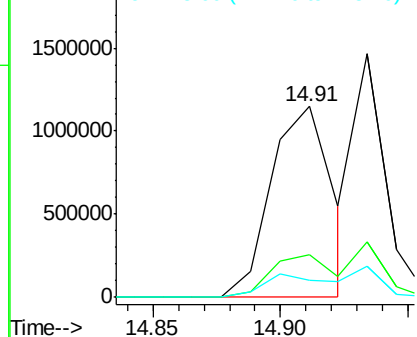
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.2  | 27.4  |
| 125     | 9.2   | 9.8   | 14.6  |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.29 ng m

RT: 14.93 min Scan# 1124

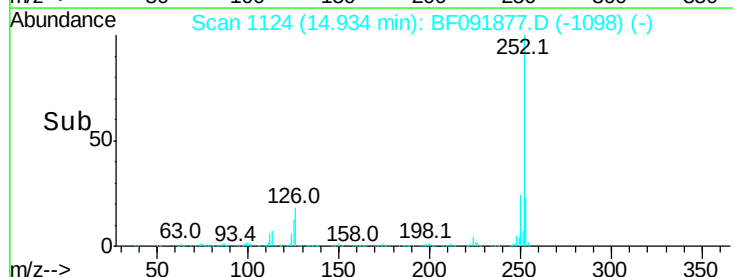
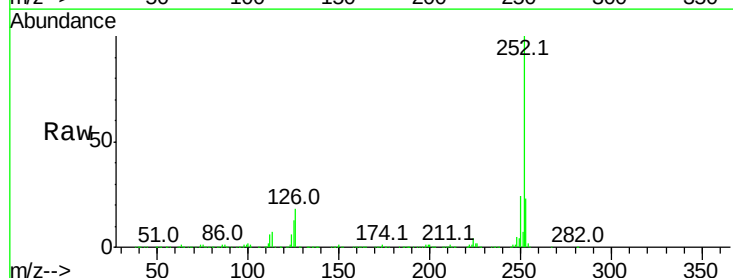
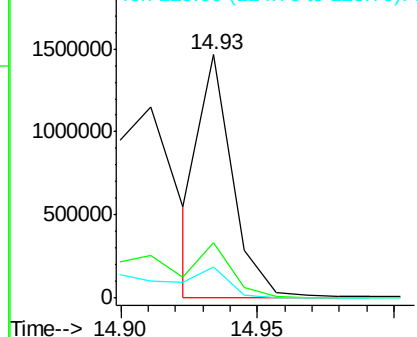
Delta R.T. 0.00 min

Lab File: BF091877.D

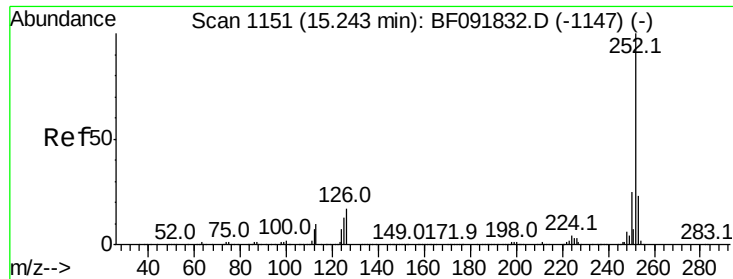
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.5  | 27.7  |
| 125     | 12.6  | 8.9   | 13.3  |

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







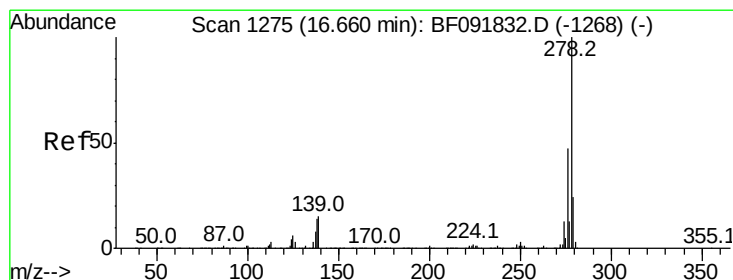
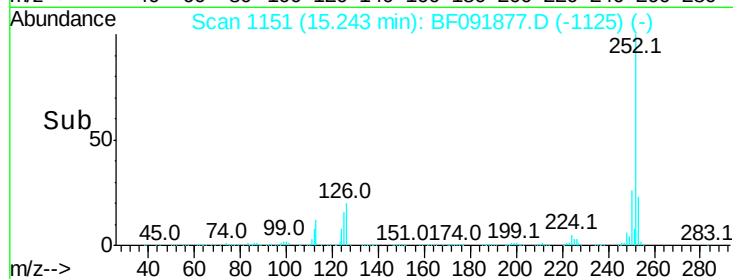
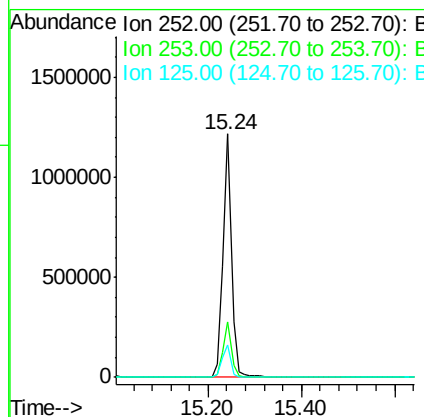
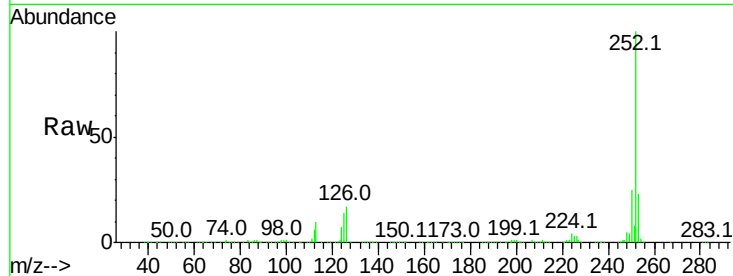
#89  
Benzo(a)pyrene  
Concen: 37.53 ng  
RT: 15.24 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 13.6  | 10.0  | 15.0  |

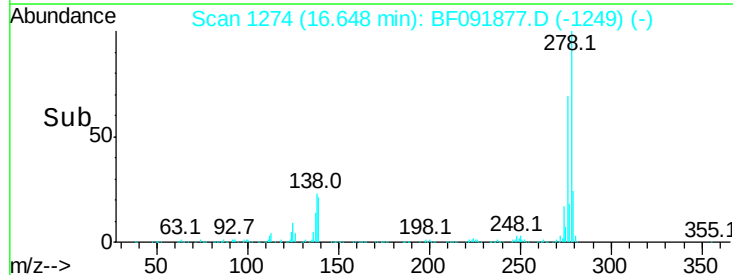
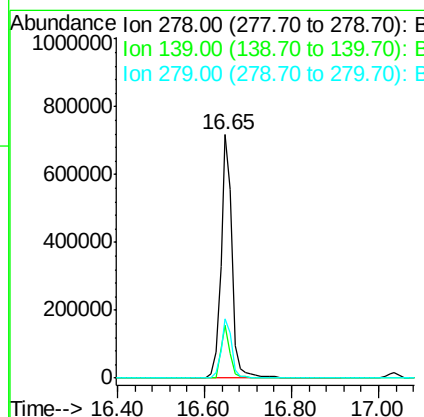
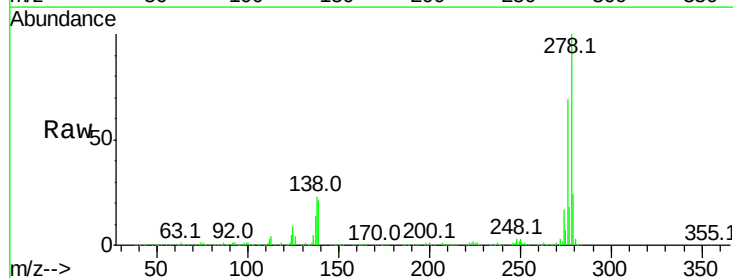
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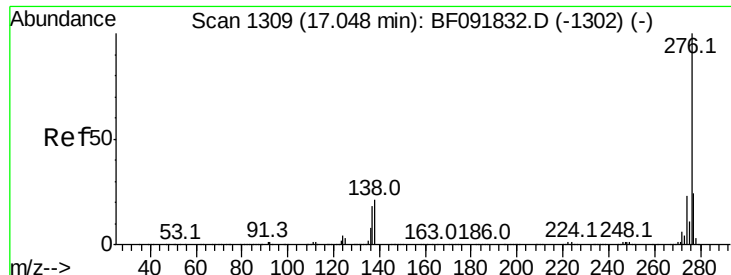
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.71 ng  
RT: 16.65 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BF091877.D  
Acq: 22 Dec 2016 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.5  | 14.8  | 22.2  |
| 279     | 24.2  | 19.8  | 29.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 38.80 ng  
 RT: 17.04 min Scan# 1308  
 Delta R.T. -0.01 min  
 Lab File: BF091877.D  
 Acq: 22 Dec 2016 11:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 19.2  | 28.8  |
| 138     | 26.0  | 16.0  | 24.0  |

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