

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\  
 Data File : BF090423.D  
 Acq On : 6 Oct 2016 16:38  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 10/7/2016 7:02:50 PM

Quant Time: Oct 06 19:22:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 241119   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.29  | 136  | 1027454  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 541871   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.54 | 188  | 904223   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.19 | 240  | 834059   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.69 | 264  | 582840   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 1170040 | 72.42 | ng | -0.01 |
| 7) Phenol-d6             | 6.62  | 99  | 1705390 | 80.60 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 1503128 | 71.16 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 414772  | 94.14 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.37  | 172 | 2352953 | 72.35 | ng | -0.01 |
| 78) Terphenyl-d14        | 13.13 | 244 | 2372655 | 63.95 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88  | 303658  | 38.13 | ng | # 90   |
| 3) Pyridine                    | 3.46 | 79  | 846729  | 38.13 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 325834  | 35.56 | ng | # 52   |
| 6) Aniline                     | 6.66 | 93  | 1170981 | 40.06 | ng | 98     |
| 8) 2-Chlorophenol              | 6.78 | 128 | 739571  | 41.60 | ng | 91     |
| 9) Benzaldehyde                | 6.54 | 77  | 433839  | 40.56 | ng | 99     |
| 10) Phenol                     | 6.63 | 94  | 1076995 | 43.78 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.73 | 93  | 641112  | 34.04 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 676818  | 38.19 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.01 | 146 | 683567  | 37.98 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 727597  | 41.95 | ng | 98     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 679537  | 42.24 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 1093315 | 34.22 | ng | 92     |
| 17) 2-Methylphenol             | 7.24 | 107 | 575124  | 39.33 | ng | 98     |
| 18) Hexachloroethane           | 7.51 | 117 | 278350  | 39.22 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 560801  | 36.14 | ng | # 82   |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 722470  | 38.17 | ng | 93     |
| 22) Acetophenone               | 7.41 | 105 | 985092  | 40.48 | ng | # 85   |
| 24) Nitrobenzene               | 7.58 | 77  | 905974  | 43.20 | ng | 93     |
| 25) Isophorone                 | 7.82 | 82  | 1464458 | 37.92 | ng | 99     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 358629  | 39.74 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.94 | 122 | 698262  | 39.78 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93  | 818861  | 35.85 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 551650  | 41.34 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 529022  | 38.46 | ng | 99     |
| 31) Naphthalene                | 8.31 | 128 | 1875858 | 37.84 | ng | 97     |
| 32) Benzoic acid               | 8.05 | 122 | 496784  | 40.71 | ng | 94     |
| 33) 4-Chloroaniline            | 8.35 | 127 | 766201  | 37.40 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.43 | 225 | 315961  | 41.12 | ng | 98     |
| 35) Caprolactam                | 8.73 | 113 | 169923  | 37.87 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.83 | 107 | 601184  | 35.98 | ng | 94     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 1214973 | 40.49 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.17 | 216 | 587722  | 41.14 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.16 | 237 | 347491  | 44.37 | ng | 98     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

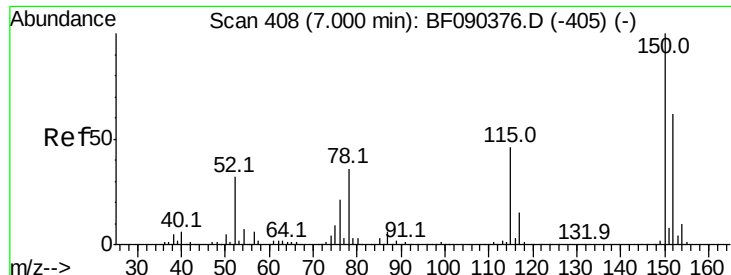
sohil  
 10/7/2016 7:02:50 PM

Quant Time: Oct 06 19:22:03 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.27  | 196  | 370292   | 37.56 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 373854   | 40.11 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 9.47  | 154  | 1673107  | 41.67 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.49  | 162  | 1154955  | 38.93 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.58  | 65   | 486443   | 41.56 | nq    | 95       |
| 48) Acenaphthylene             | 9.91  | 152  | 1941281  | 39.66 | nq    | 98       |
| 49) Dimethylphthalate          | 9.77  | 163  | 1287342  | 37.10 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.82  | 165  | 279807   | 36.32 | nq    | 97       |
| 51) Acenaphthene               | 10.09 | 154  | 1257477  | 41.20 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.99  | 138  | 362869   | 40.32 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 180651   | 52.59 | nq    | 97       |
| 54) Dibenzofuran               | 10.26 | 168  | 1590234  | 40.25 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 277612   | 35.25 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 10.22 | 165  | 402709   | 39.27 | nq    | # 23     |
| 57) Fluorene                   | 10.60 | 166  | 1397349  | 42.09 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 294350   | 42.28 | nq    | 91       |
| 59) Diethylphthalate           | 10.46 | 149  | 1371621  | 38.20 | nq    | # 91     |
| 60) 4-Chlorophenyl-phenylether | 10.59 | 204  | 620268   | 41.09 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.61 | 138  | 389239   | 42.92 | nq    | 95       |
| 62) Azobenzene                 | 10.75 | 77   | 1468708  | 35.41 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.63 | 198  | 205259   | 35.25 | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.70 | 169  | 1051120  | 34.69 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.08 | 248  | 370415   | 41.79 | nq    | 97       |
| 67) Hexachlorobenzene          | 11.15 | 284  | 433218   | 43.89 | nq    | 96       |
| 68) Atrazine                   | 11.23 | 200  | 257592   | 34.48 | nq    | 98       |
| 69) Pentachlorophenol          | 11.34 | 266  | 238072   | 40.52 | nq    | 99       |
| 70) Phenanthrene               | 11.56 | 178  | 1677485  | 36.23 | nq    | 99       |
| 71) Anthracene                 | 11.62 | 178  | 1994248  | 42.18 | nq    | 99       |
| 72) Carbazole                  | 11.77 | 167  | 1721577  | 39.19 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.10 | 149  | 2056038  | 38.46 | nq    | 99       |
| 74) Fluoranthene               | 12.75 | 202  | 1828944  | 40.27 | nq    | 95       |
| 76) Benzidine                  | 12.87 | 184  | 901346   | 41.10 | nq    | 99       |
| 77) Pyrene                     | 12.99 | 202  | 2066573  | 37.16 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.61 | 149  | 1049477  | 36.78 | nq    | 95       |
| 80) Benzo(a)anthracene         | 14.18 | 228  | 1814461  | 38.77 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 733706   | 43.24 | nq    | # 99     |
| 82) Chrysene                   | 14.21 | 228  | 1525143  | 35.41 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.17 | 149  | 1404108  | 34.62 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.78 | 149  | 2183708  | 36.31 | nq    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 1167131  | 38.01 | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 1569419  | 42.27 | nq    | # 98     |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 1365325m | 39.15 | nq    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 1320689  | 41.27 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.22 | 278  | 985813   | 36.21 | nq    | # 91     |
| 91) Benzo(g,h,i)perylene       | 17.66 | 276  | 897649   | 34.36 | nq    | 96       |

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





#1

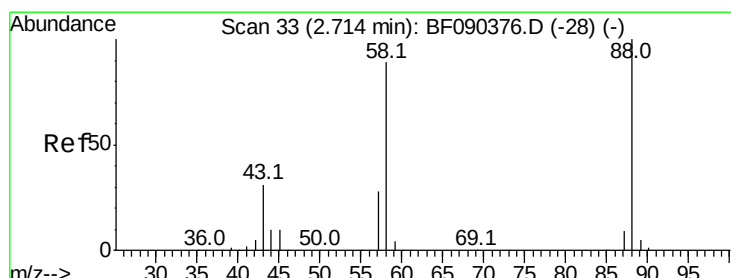
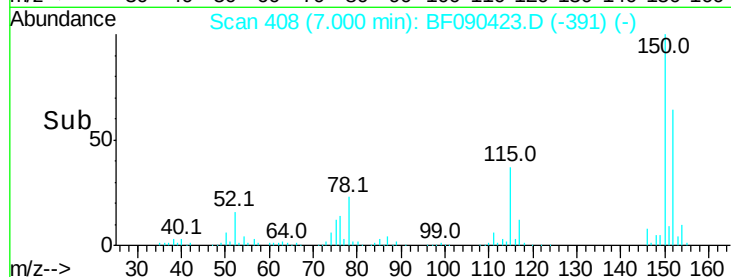
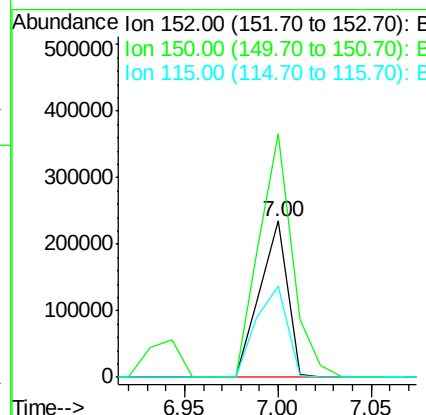
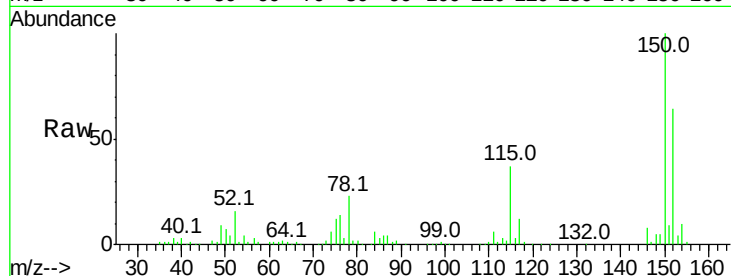
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.00 min Scan# 408  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.6 | 186.8 |
| 115     | 58.3  | 46.2  | 69.4  |

Manual Integrations  
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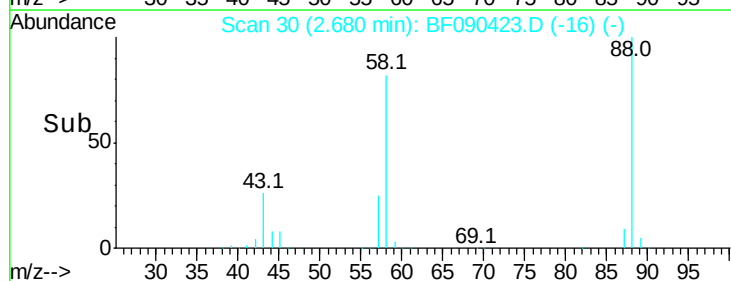
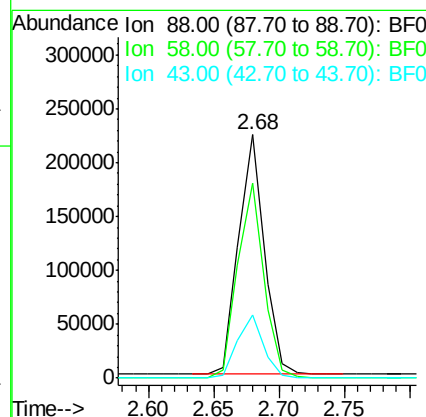
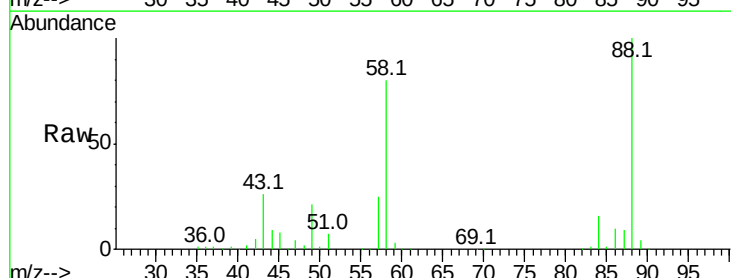
sohil  
10/7/2016 7:02:50 PM

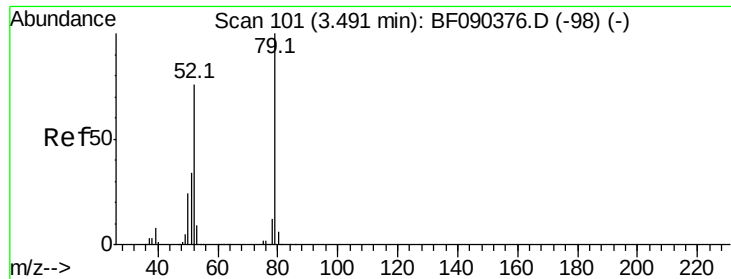


#2

1,4-Dioxane  
Concen: 38.13 ng  
RT: 2.68 min Scan# 30  
Delta R.T. -0.03 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.7  | 71.2  | 106.8 |
| 43      | 27.4  | 29.8  | 44.6  |





#3

Pvridine

Concen: 38.13 ng

RT: 3.46 min Scan# 98

Delta R.T. -0.03 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 846729

Ion Ratio Lower Upper

79 100

52 69.8 71.3 106.9#

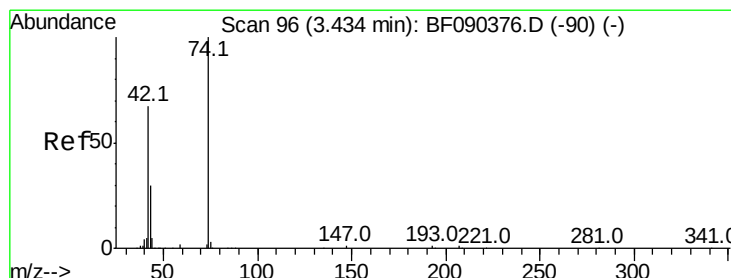
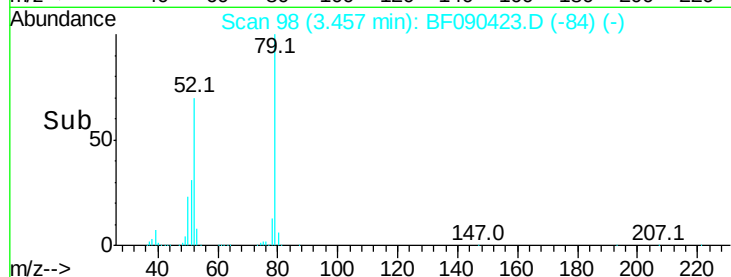
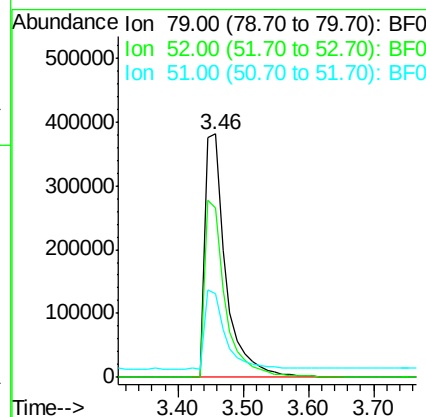
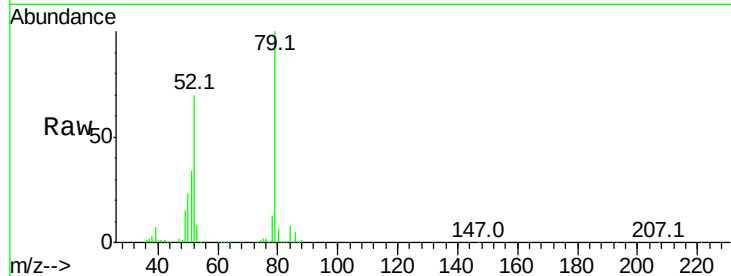
51 34.4 34.5 51.7#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.56 ng

RT: 3.40 min Scan# 93

Delta R.T. -0.03 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

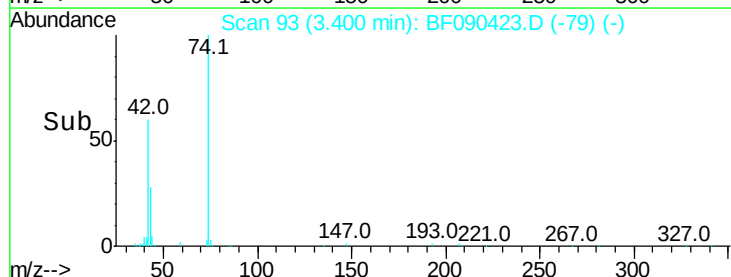
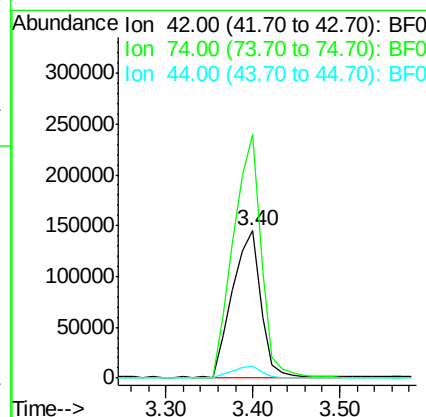
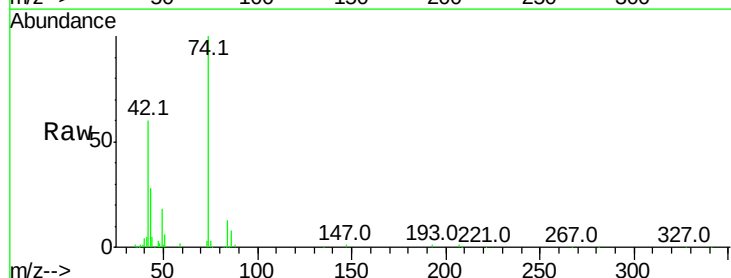
Tgt Ion: 42 Resp: 325834

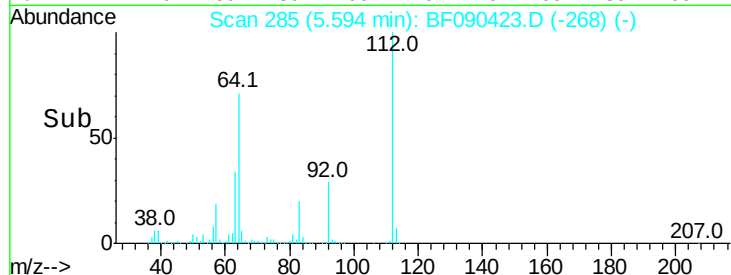
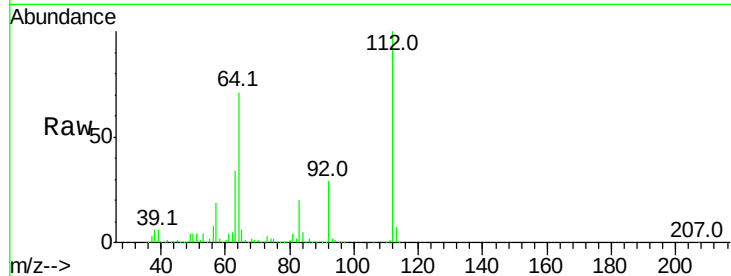
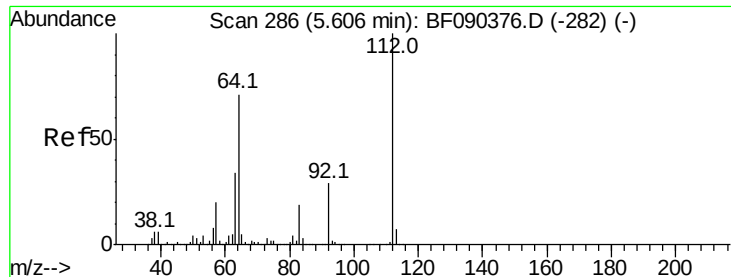
Ion Ratio Lower Upper

42 100

74 165.4 88.9 133.3#

44 8.2 6.5 9.7





#5

2-Fluorophenol

Concen: 72.42 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Tot Ion: 112 Resp: 1170040

Ion Ratio Lower Upper

112 100

64 70.9 57.9 86.9

63 34.1 29.6 44.4

Instrument :

BNA\_F

ClientSampleId :

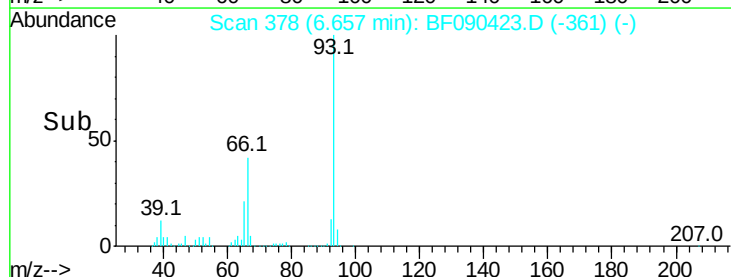
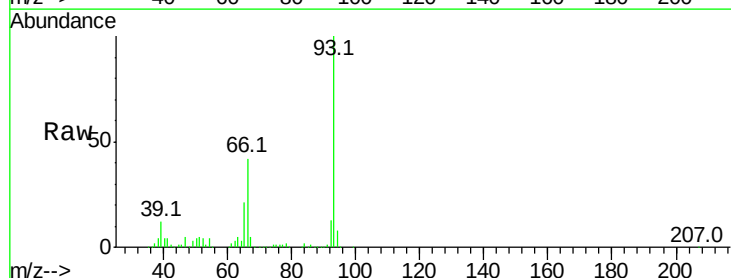
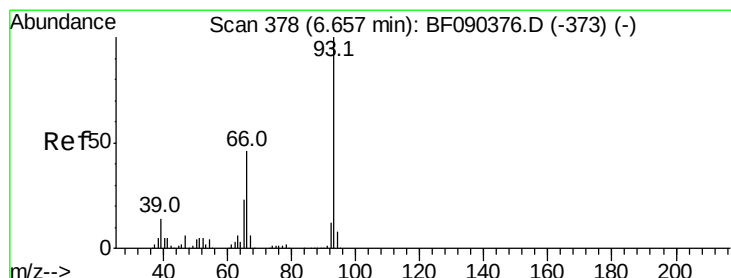
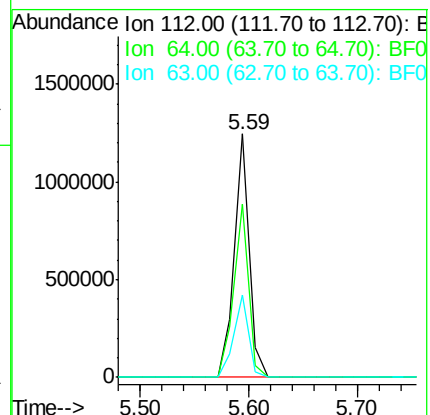
SSTDCCC040

Manual Integrations

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#6

Aniline

Concen: 40.06 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

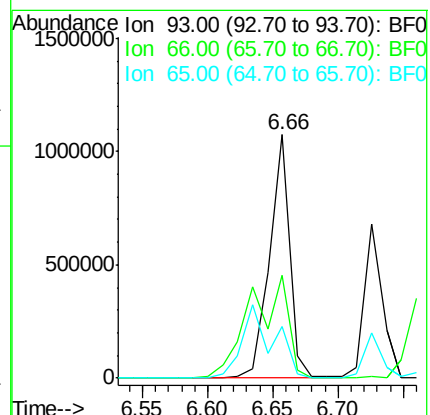
Tgt Ion: 93 Resp: 1170981

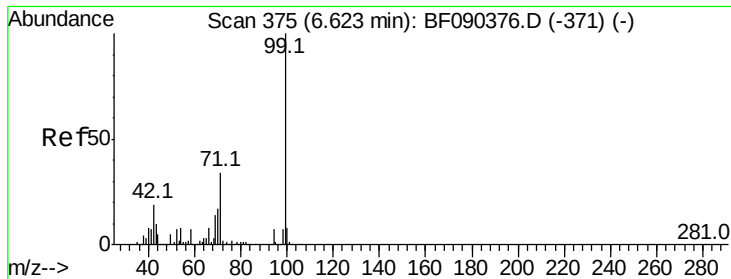
Ion Ratio Lower Upper

93 100

66 42.3 34.5 51.7

65 21.3 18.2 27.2





#7

Phenol-d6

Concen: 80.60 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1705390

Ion Ratio Lower Upper

99 100

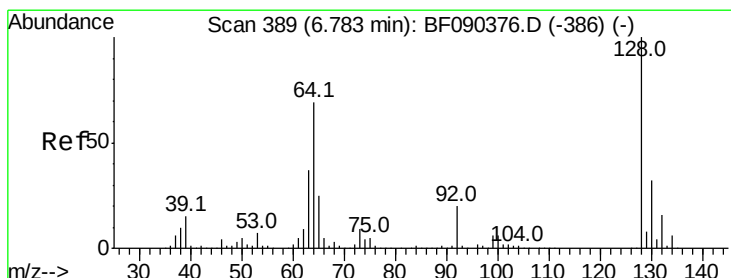
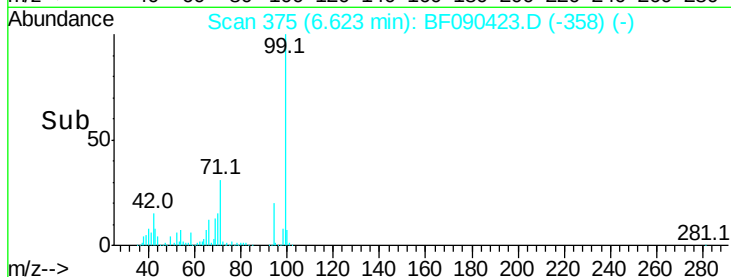
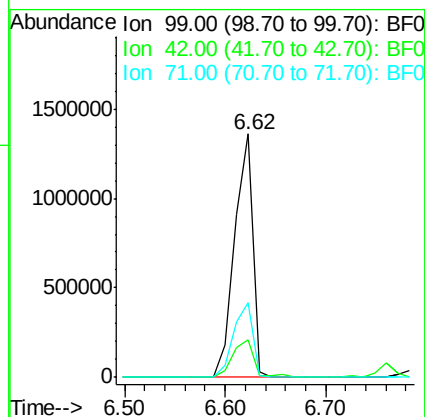
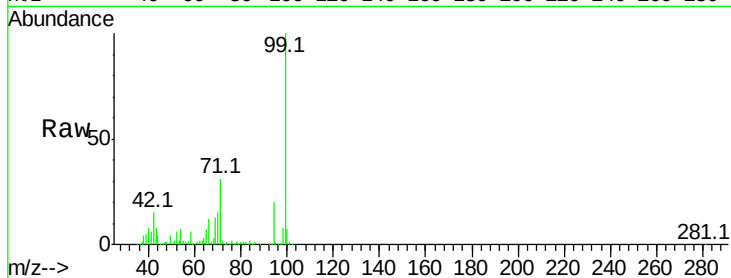
42 15.2 20.0 30.0#

71 30.9 27.9 41.9

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.60 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

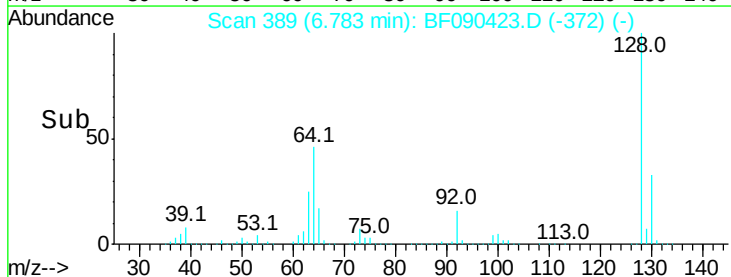
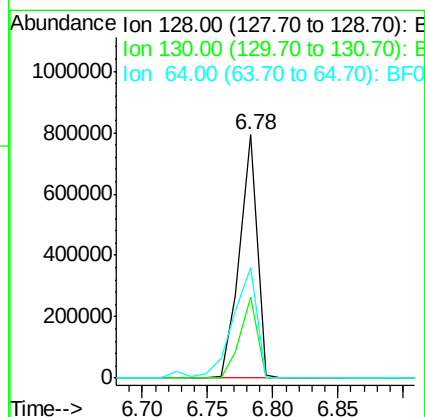
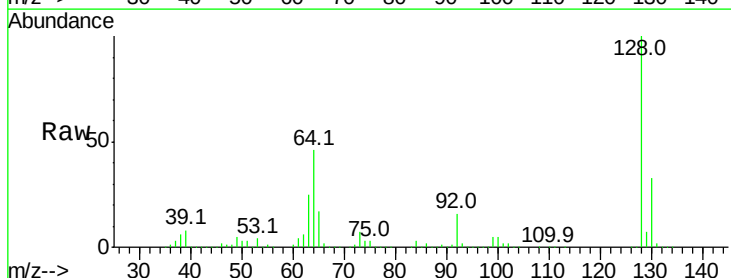
Tgt Ion: 128 Resp: 739571

Ion Ratio Lower Upper

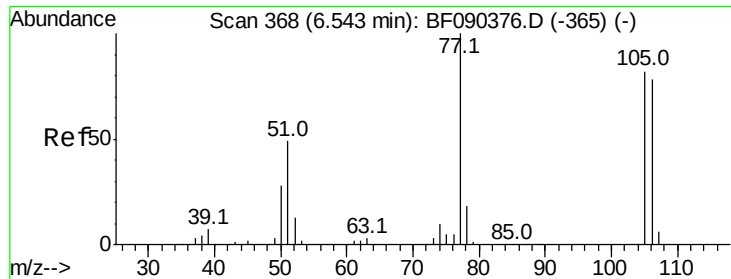
128 100

130 33.5 13.3 53.3

64 45.6 36.0 76.0







#9

Benzaldehyde

Concen: 40.56 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 433839

Ion Ratio Lower Upper

77 100

105 93.1 73.1 113.1

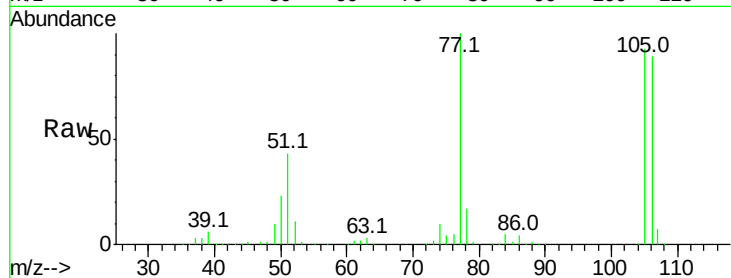
106 88.6 70.2 110.2

Manual Integrations

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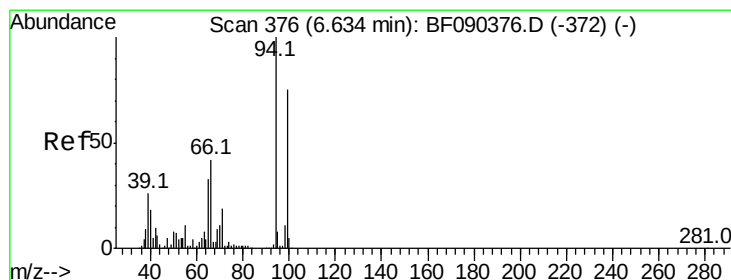
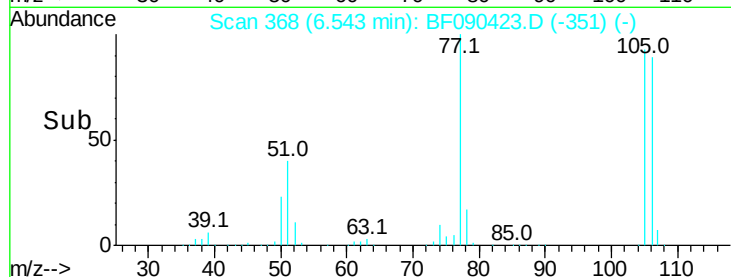
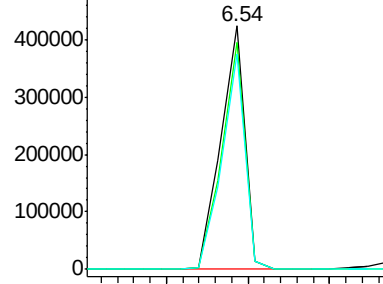
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.78 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

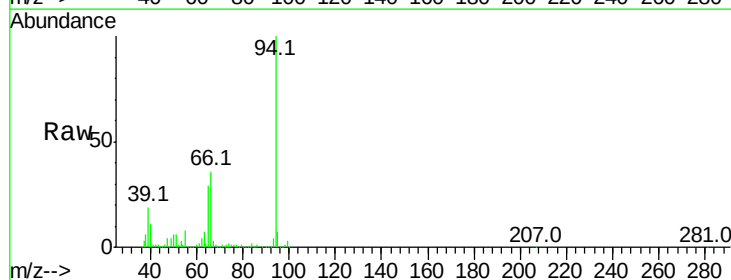
Tgt Ion: 94 Resp: 1076995

Ion Ratio Lower Upper

94 100

65 28.8 13.3 53.3

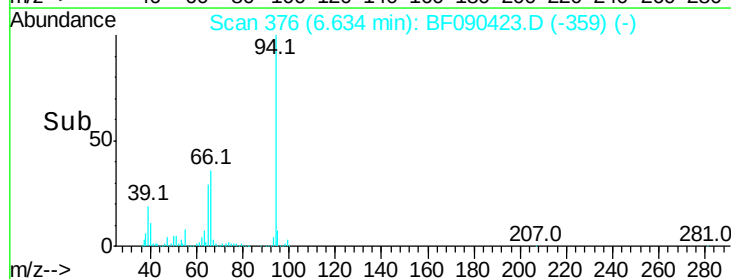
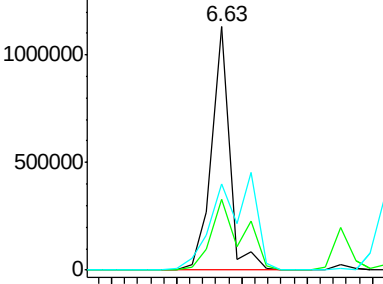
66 35.6 20.4 60.4



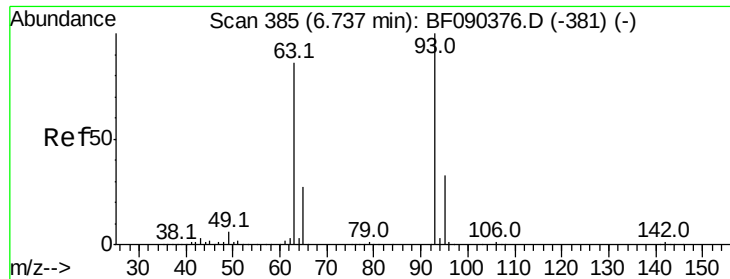
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 34.04 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

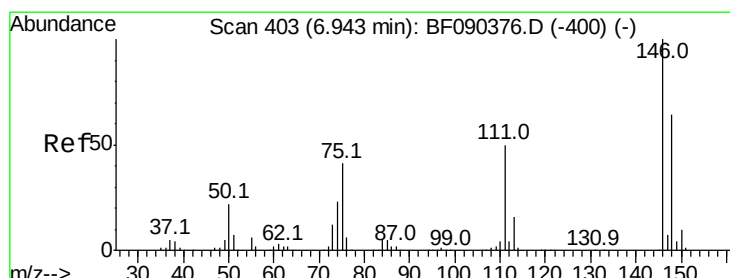
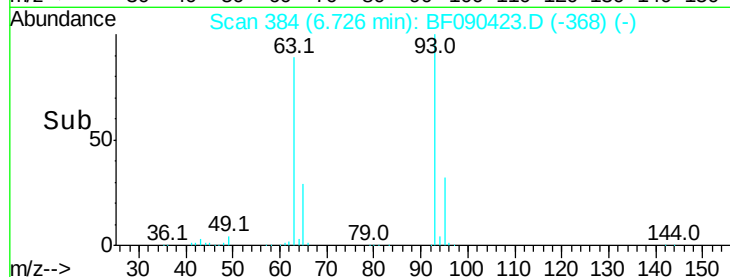
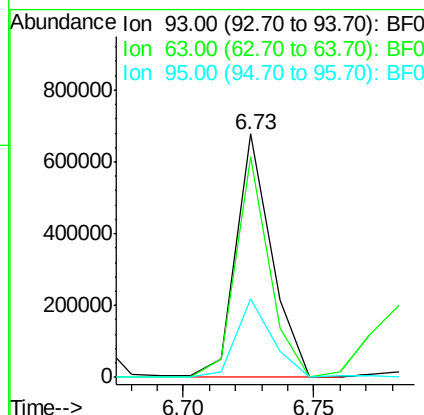
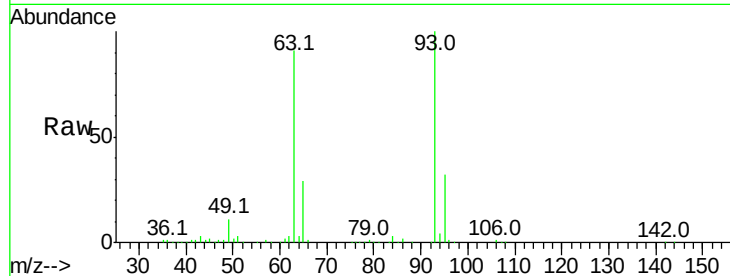
SSTDCCC040

Tot Ion: 93 Resp: 641112

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 90.5  | 59.7  | 99.7  |
| 95  | 32.3  | 14.0  | 54.0  |

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#12

1,3-Dichlorobenzene

Concen: 38.19 ng

RT: 6.94 min Scan# 403

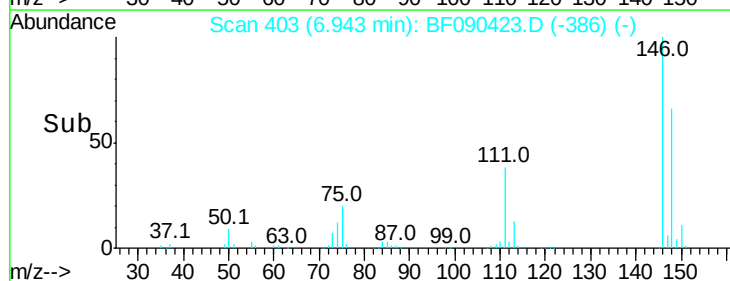
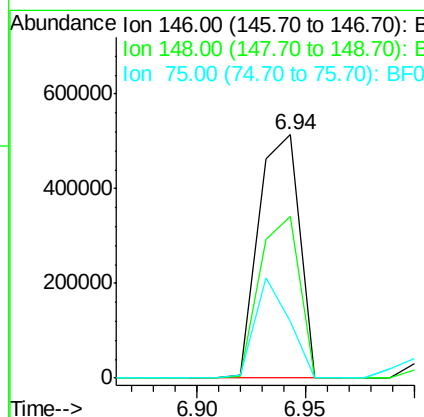
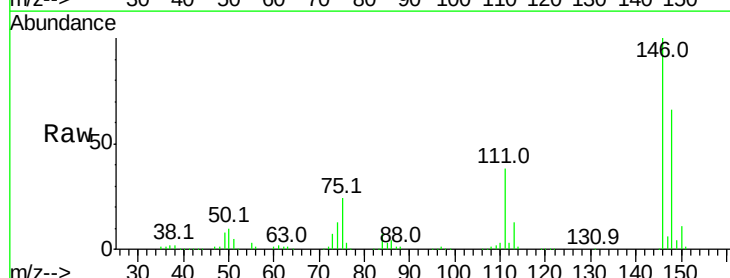
Delta R.T. -0.00 min

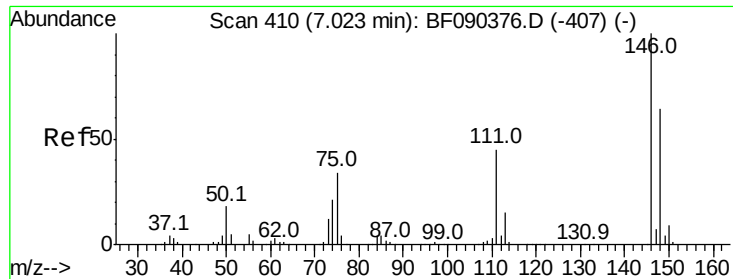
Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Tgt Ion: 146 Resp: 676818

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 66.2  | 52.2  | 78.4  |
| 75  | 23.5  | 21.4  | 32.2  |





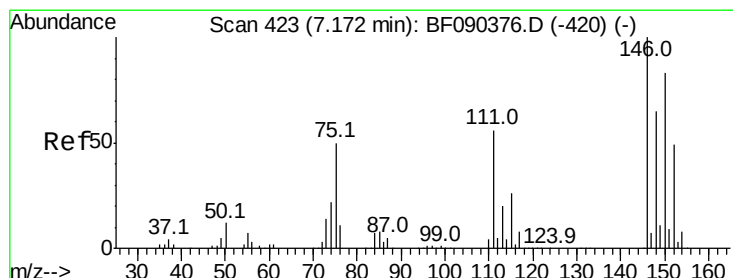
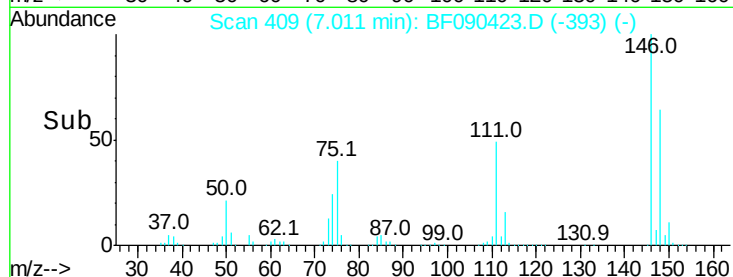
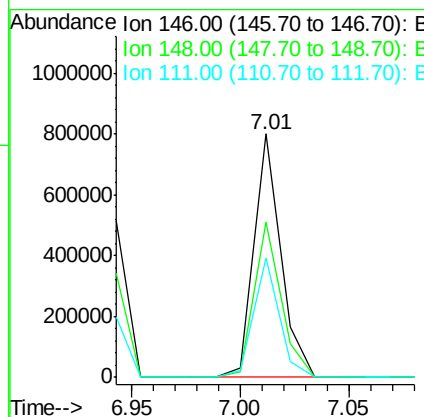
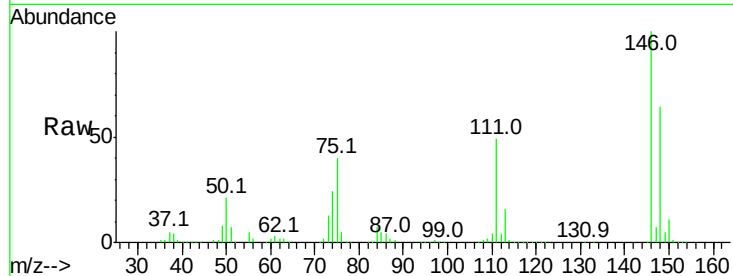
#13  
 1,4-Dichlorobenzene  
 Concen: 37.98 ng  
 RT: 7.01 min Scan# 409  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.1  | 76.7  |
| 111     | 48.8  | 37.8  | 56.6  |

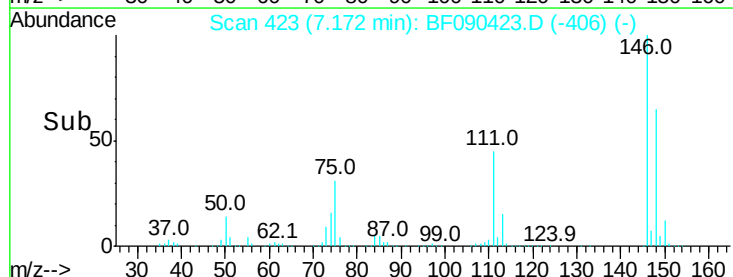
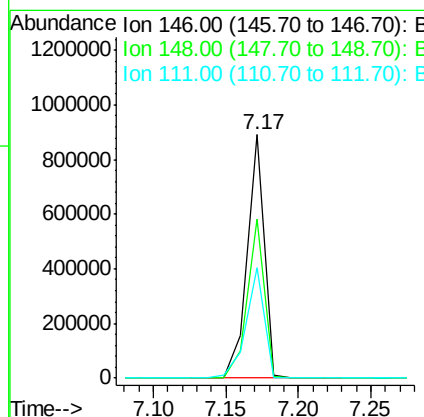
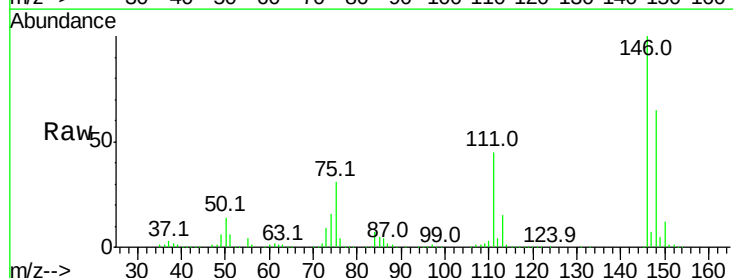
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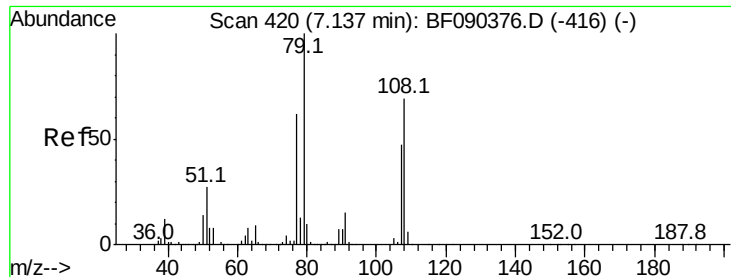
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.95 ng  
 RT: 7.17 min Scan# 423  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 52.3  | 78.5  |
| 111     | 45.4  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 42.24 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

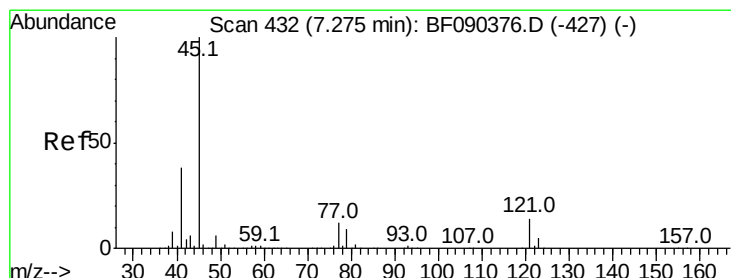
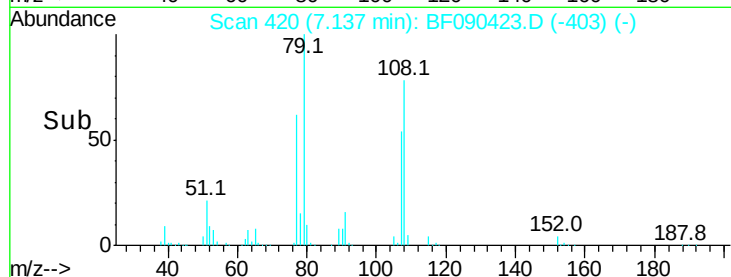
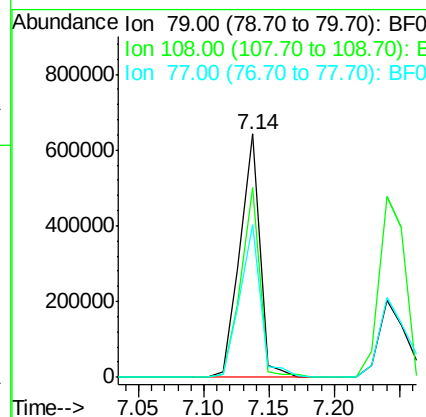
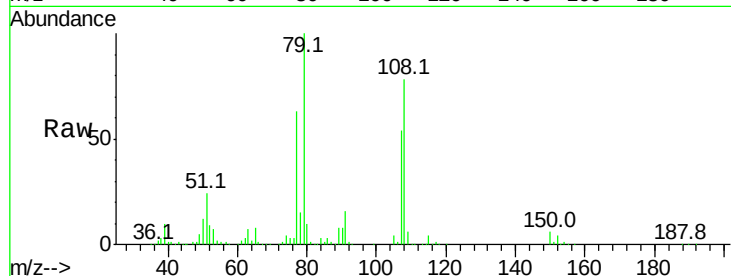
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 679537 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.1  | 60.9  | 91.3   |
| 77        | 62.5  | 51.5  | 77.3   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.22 ng

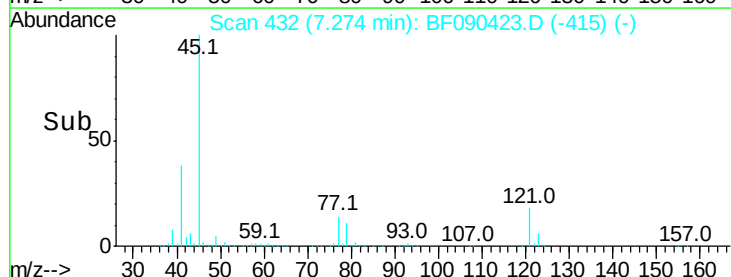
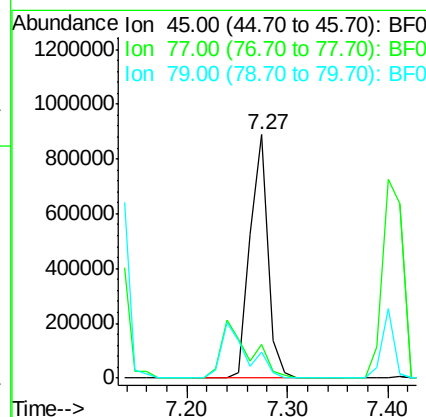
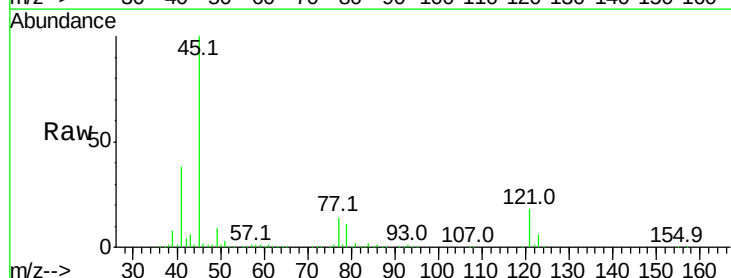
RT: 7.27 min Scan# 432

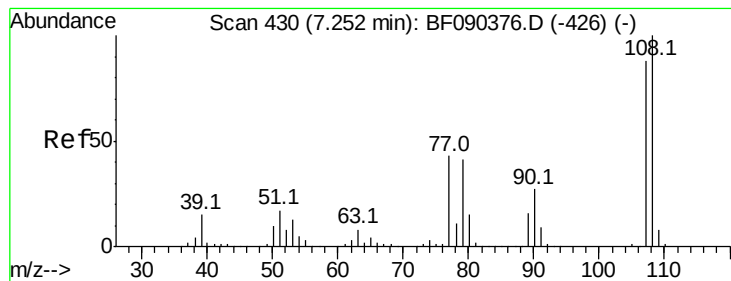
Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1093315 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 13.7  | 0.0   | 30.8    |
| 79        | 10.8  | 0.0   | 28.2    |





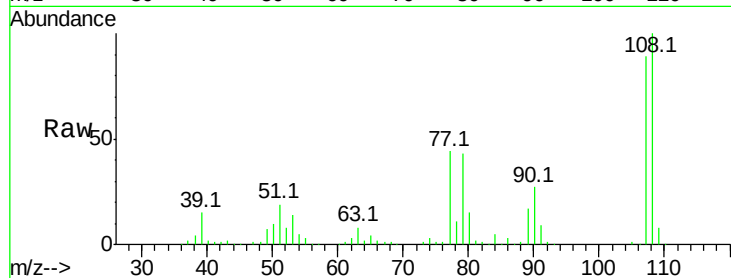
#17  
2-Methylphenol  
Concen: 39.33 ng  
RT: 7.24 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

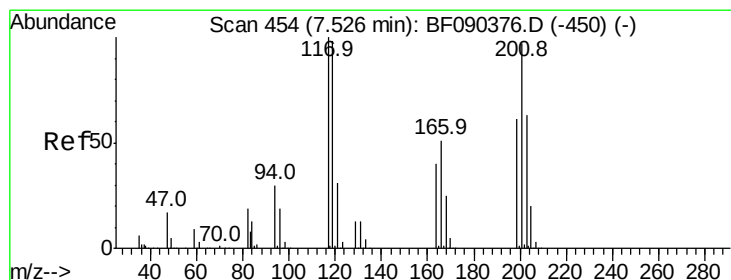
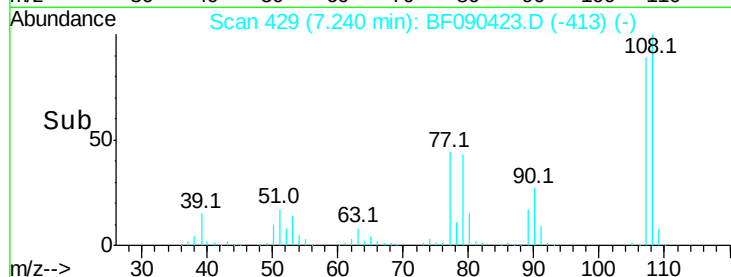
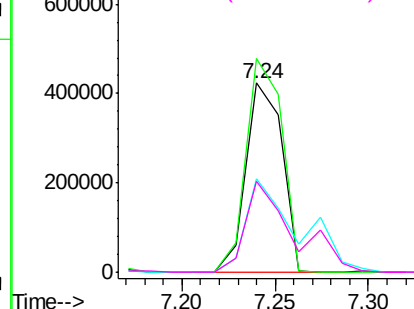
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 575124 |       |       |
| 108     | 112.9 | 90.9   | 136.3 |       |
| 77      | 49.5  | 38.2   | 57.4  |       |
| 79      | 48.2  | 37.0   | 55.4  |       |

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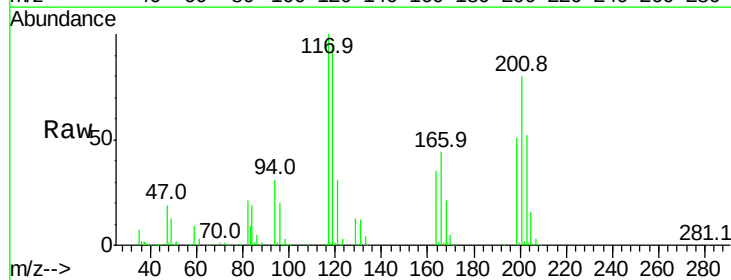


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

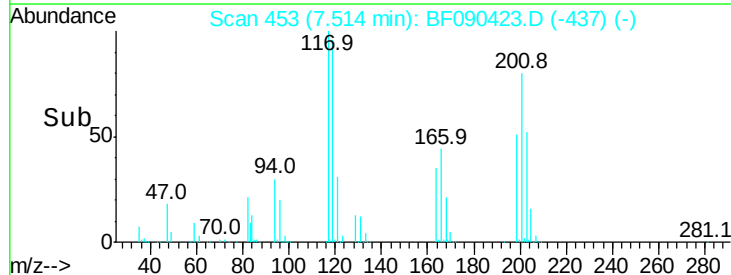
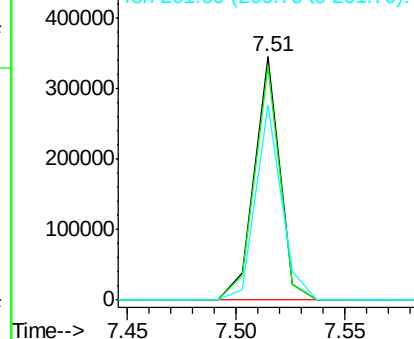


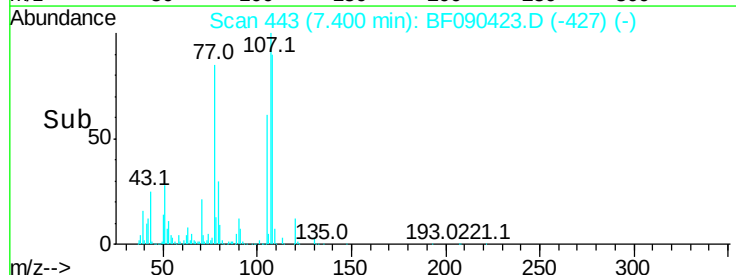
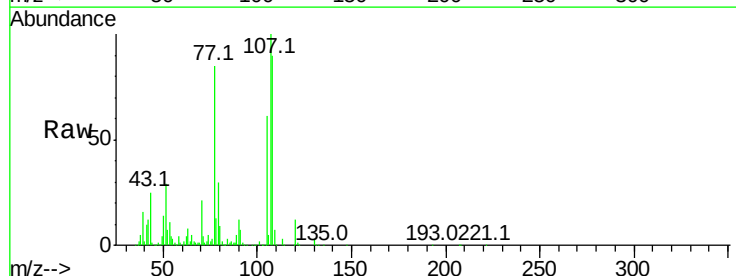
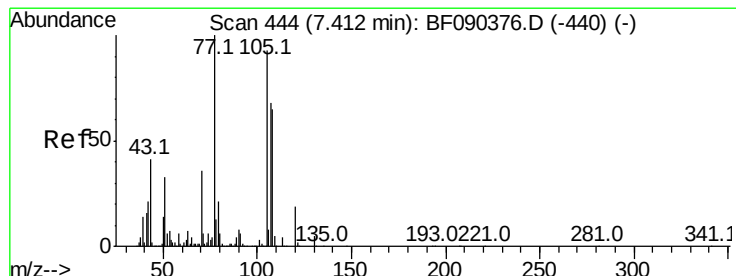
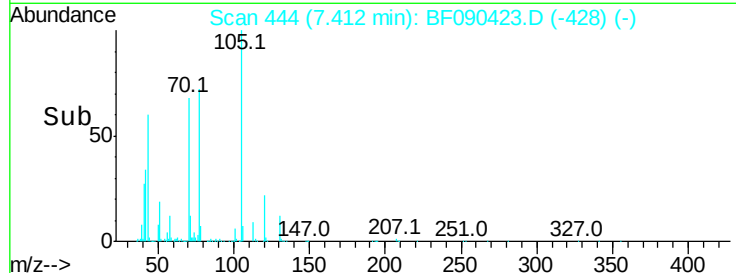
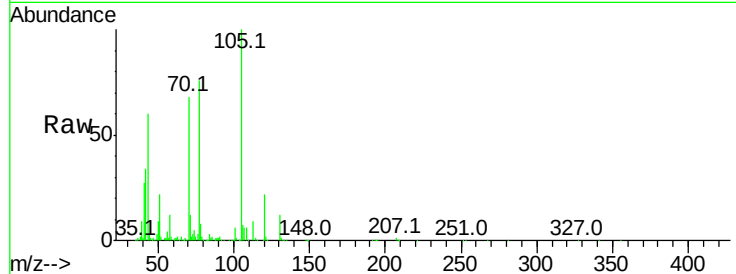
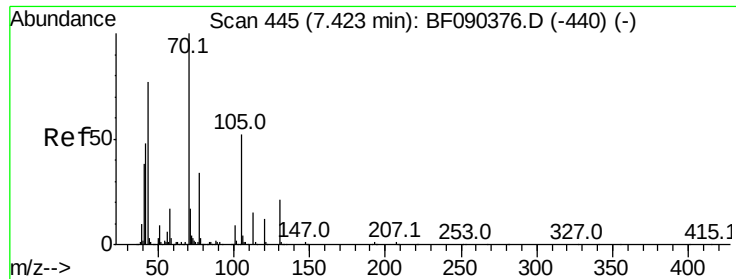
#18  
Hexachloroethane  
Concen: 39.22 ng  
RT: 7.51 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 278350 |       |       |
| 119     | 95.7  | 75.9   | 113.9 |       |
| 201     | 79.9  | 66.5   | 99.7  |       |



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: 36.14 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

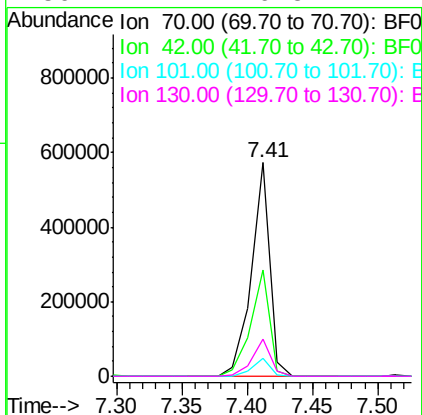
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.9  | 55.4  | 83.2# |
| 101     | 8.4   | 7.6   | 11.4  |
| 130     | 17.4  | 16.5  | 24.7  |

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#20

3+4-Methylphenols

Concen: 38.17 ng

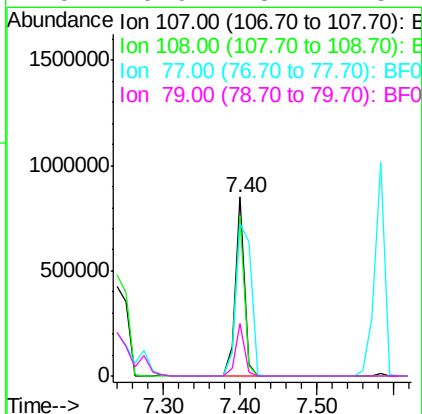
RT: 7.40 min Scan# 443

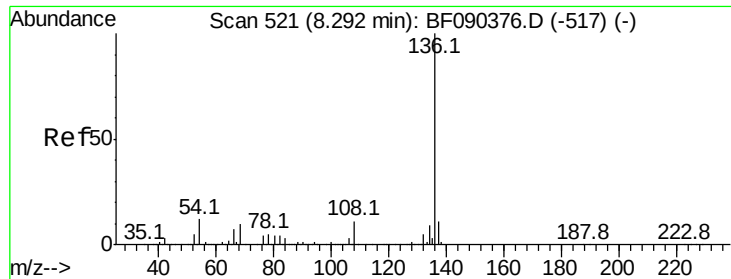
Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.7  | 66.7  | 106.7 |
| 77      | 85.2  | 53.7  | 93.7  |
| 79      | 29.6  | 8.4   | 48.4  |





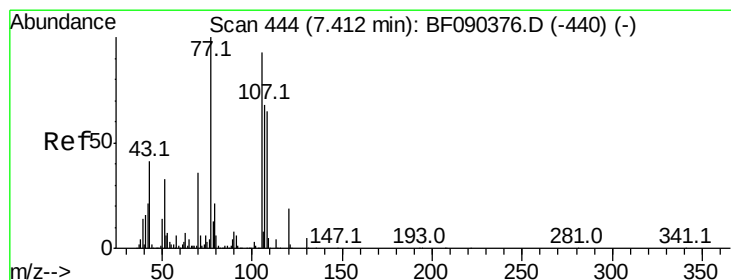
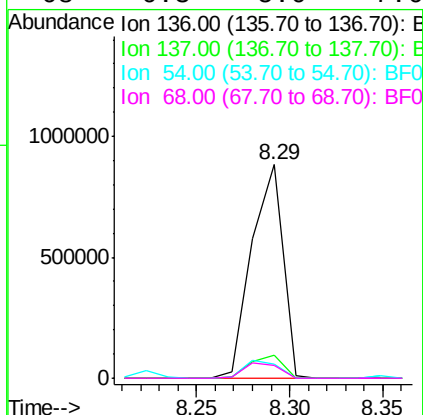
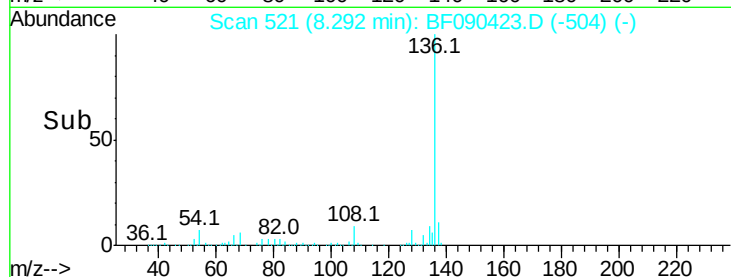
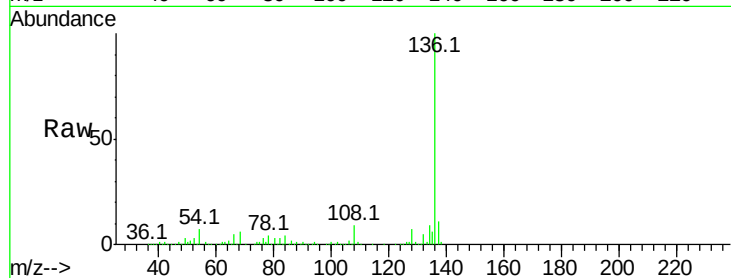
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.29 min Scan# 521  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.9  | 9.0   | 13.6  |
| 54      | 6.7   | 6.6   | 10.0  |
| 68      | 6.3   | 5.0   | 7.6   |

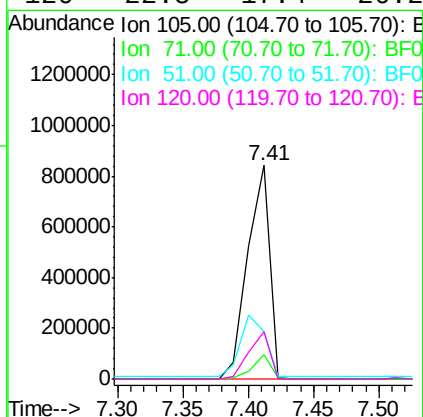
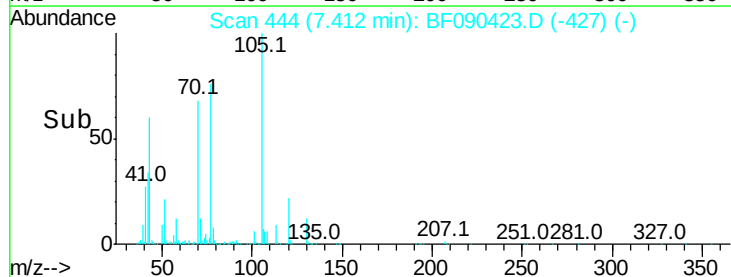
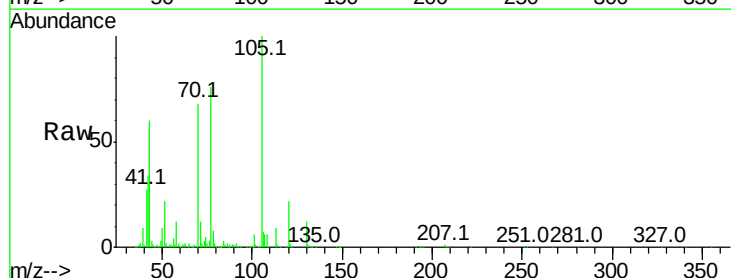
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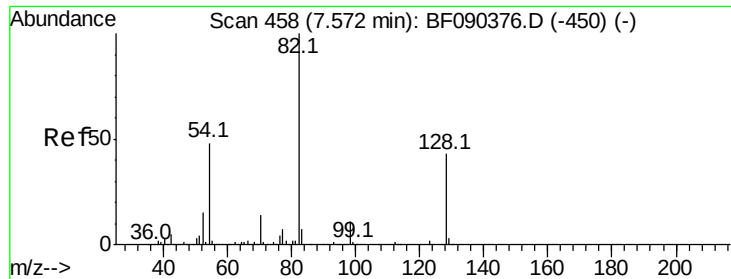
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#22  
Acetophenone  
Concen: 40.48 ng  
RT: 7.41 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 11.7  | 3.8   | 5.6#  |
| 51      | 21.9  | 28.2  | 42.4# |
| 120     | 22.5  | 17.4  | 26.2  |





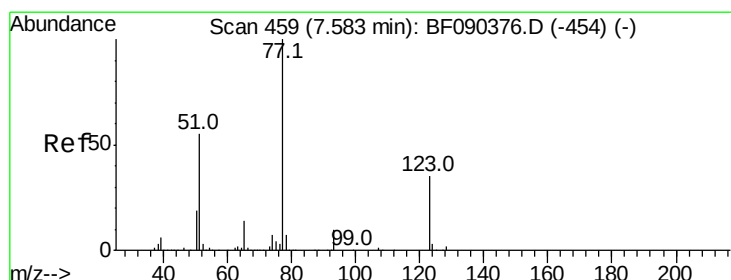
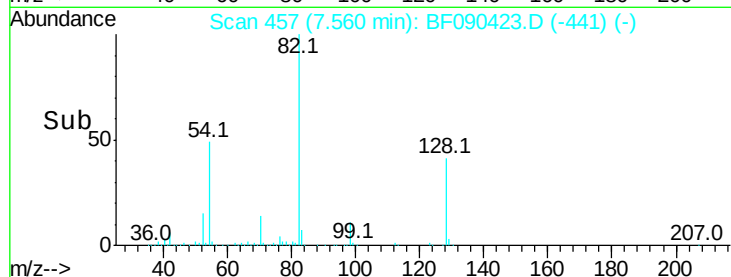
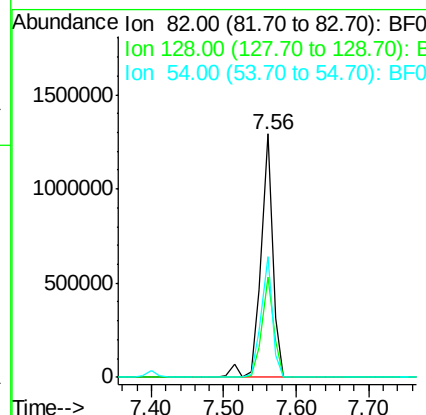
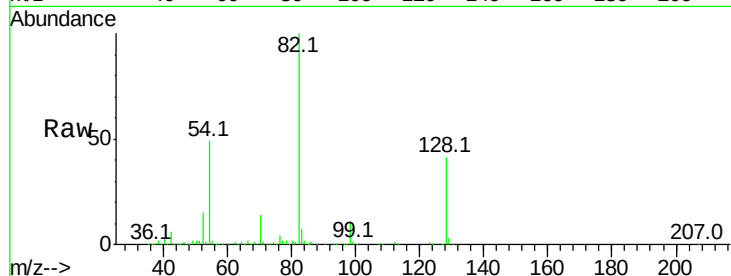
#23  
Nitrobenzene-d5  
Concen: 71.16 ng  
RT: 7.56 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1503128  
Ion Ratio Lower Upper  
82 100  
128 41.0 40.0 60.0  
54 49.5 42.6 64.0

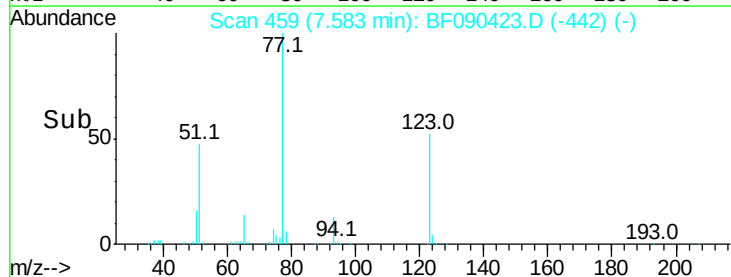
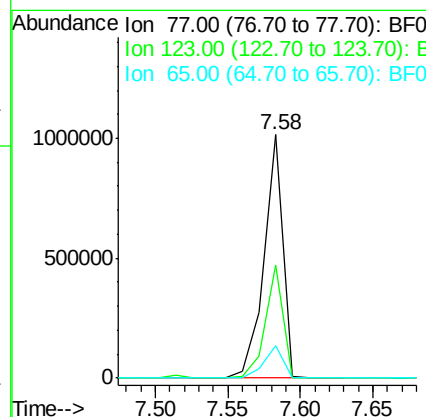
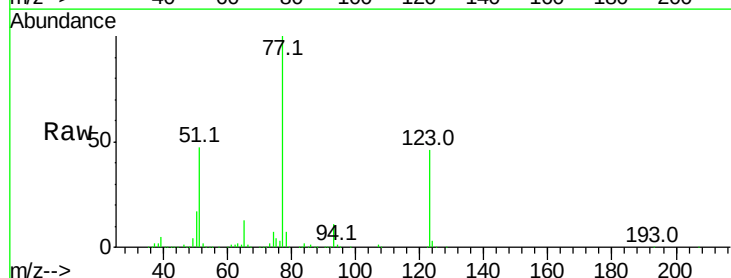
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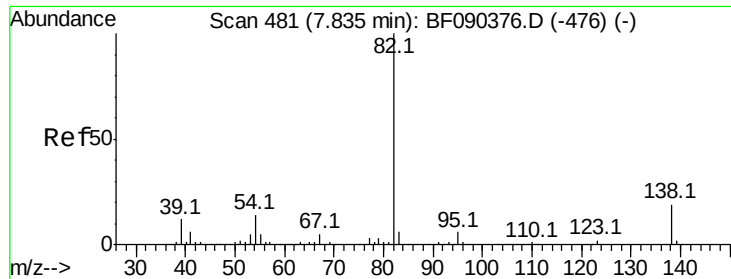


#24  
Nitrobenzene  
Concen: 43.20 ng  
RT: 7.58 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion: 77 Resp: 905974  
Ion Ratio Lower Upper  
77 100  
123 46.3 33.0 49.4  
65 13.3 12.0 18.0







#25

Isophorone

Concen: 37.92 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1464458

Ion Ratio Lower Upper

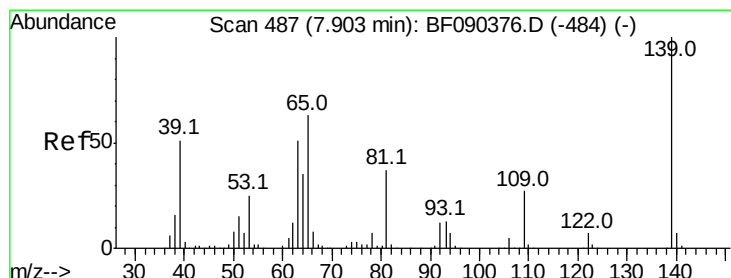
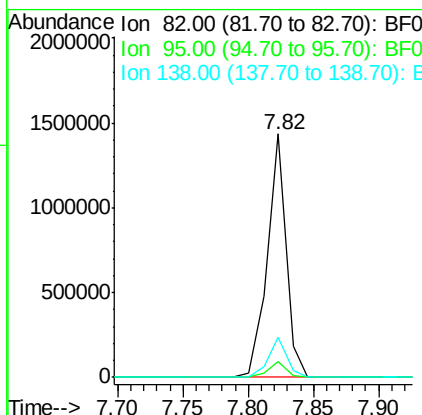
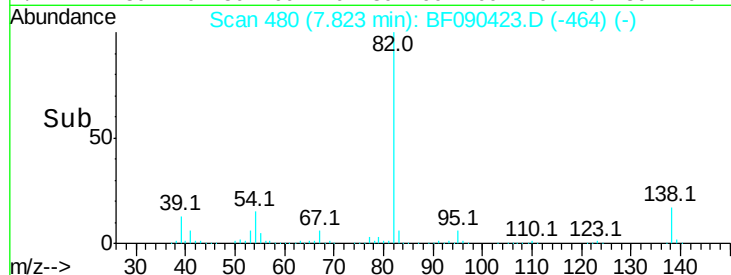
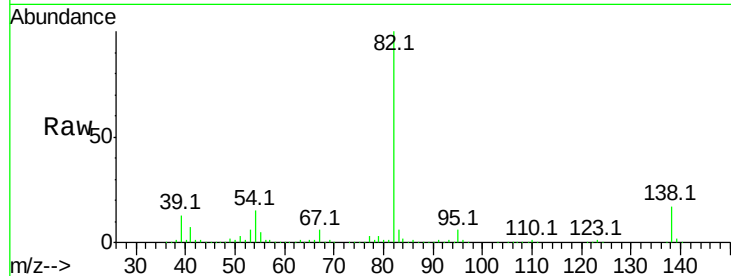
82 100

95 6.4 5.2 7.8

138 16.7 13.0 19.4

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#26

2-Nitrophenol

Concen: 39.74 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

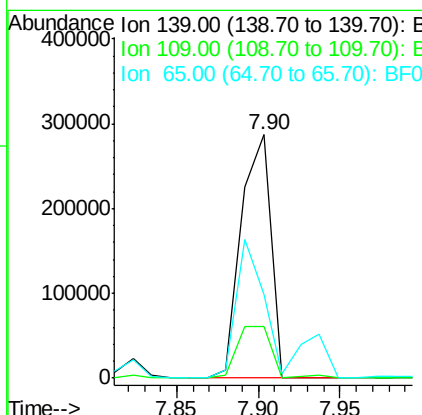
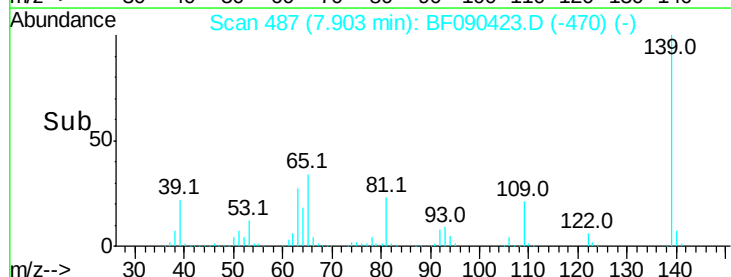
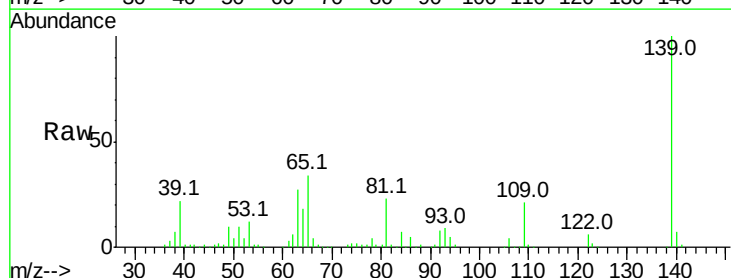
Tgt Ion: 139 Resp: 358629

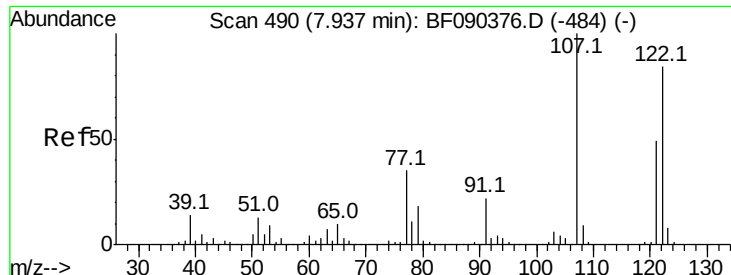
Ion Ratio Lower Upper

139 100

109 21.2 18.9 28.3

65 34.5 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 39.78 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

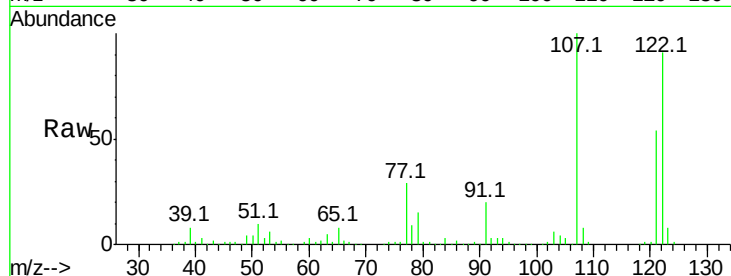
ClientSampleId :

SSTDCCC040

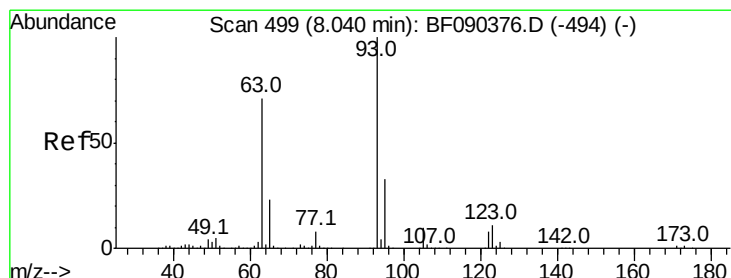
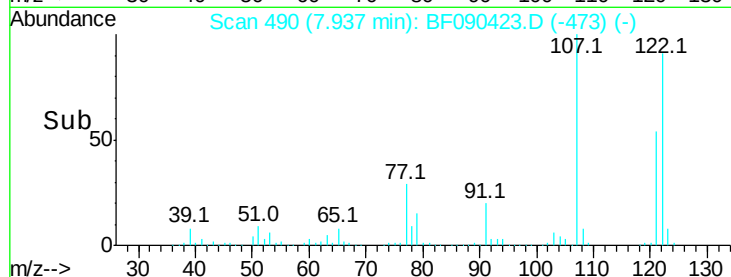
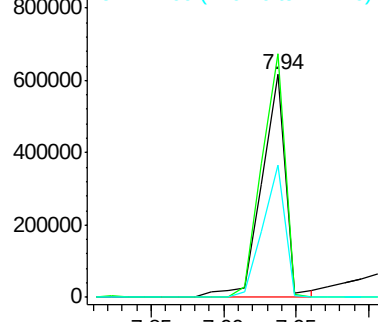
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 698262 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 109.3 | 88.6  | 132.8  |
| 121       | 59.5  | 47.5  | 71.3   |

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Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.85 ng

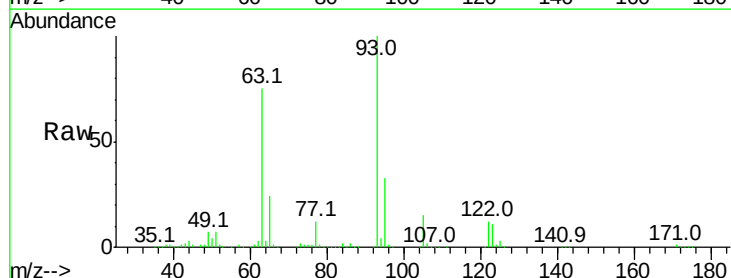
RT: 8.03 min Scan# 498

Delta R.T. -0.01 min

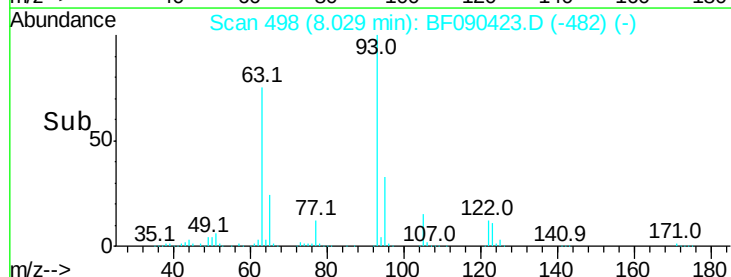
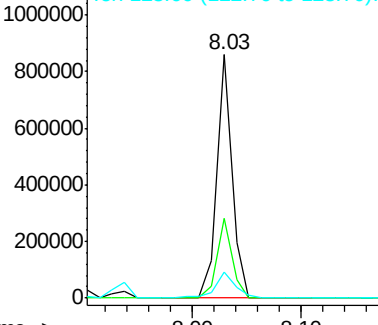
Lab File: BF090423.D

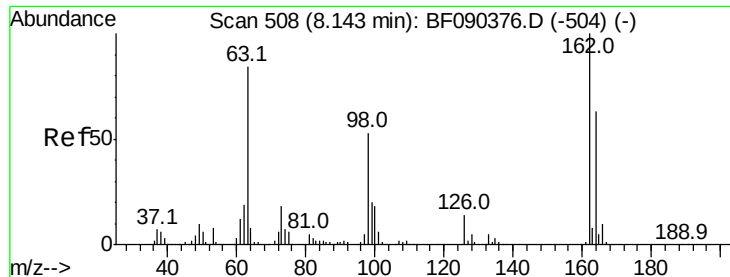
Acq: 6 Oct 2016 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 818861 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.0  | 27.0  | 40.4   |
| 123       | 10.5  | 11.1  | 16.7#  |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E





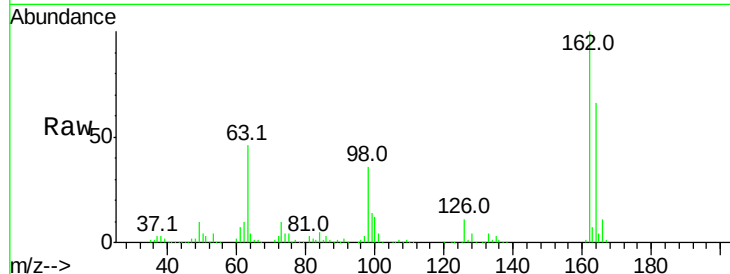
#29  
 2,4-Dichlorophenol  
 Concen: 41.34 ng  
 RT: 8.14 min Scan# 508  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

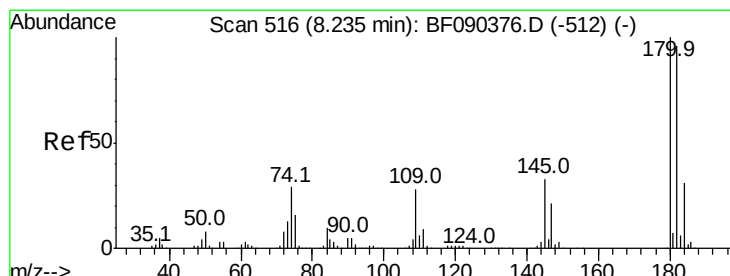
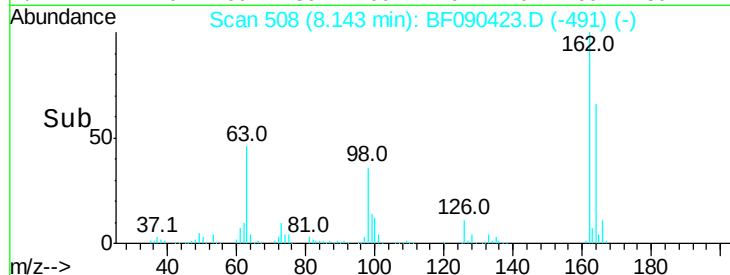
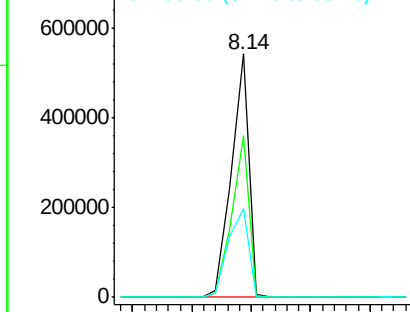
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 551650 |       |       |
| 164     | 66.2  | 45.7   | 85.7  |       |
| 98      | 36.3  | 13.3   | 53.3  |       |

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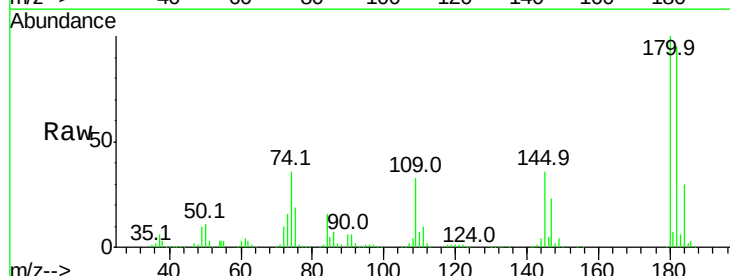


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

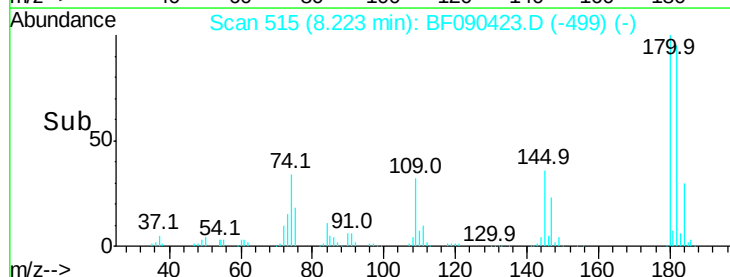
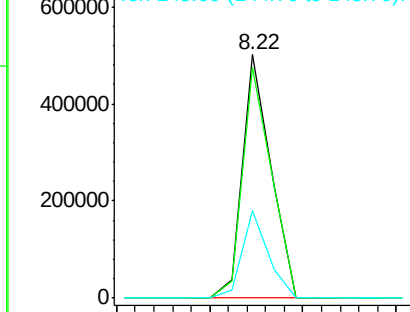


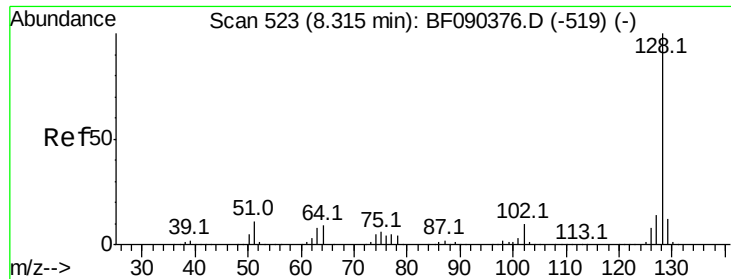
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.46 ng  
 RT: 8.22 min Scan# 515  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 529022 |       |       |
| 182     | 94.8  | 75.3   | 112.9 |       |
| 145     | 36.1  | 27.7   | 41.5  |       |



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





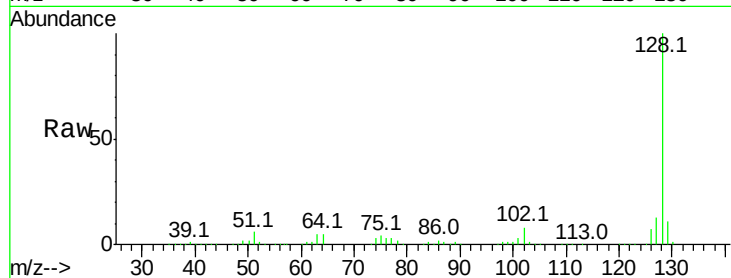
#31  
Naphthalene  
Concen: 37.84 ng  
RT: 8.31 min Scan# 523  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

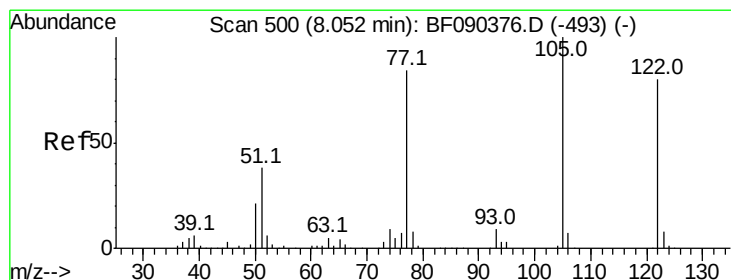
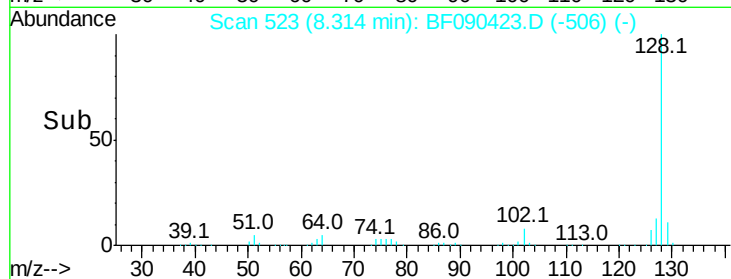
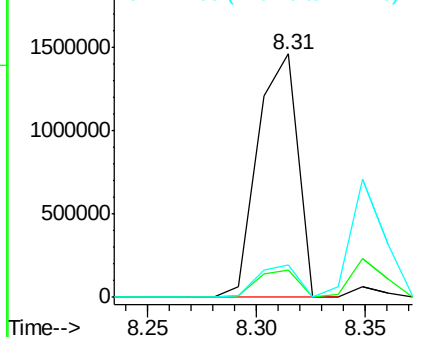
Tot Ion:128 Resp: 1875858  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.7 14.5  
127 13.3 11.7 17.5

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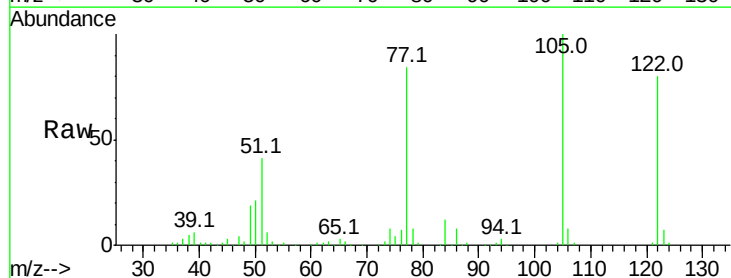


Abundance Ion 128.00 (127.70 to 128.70): E  
2000000  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

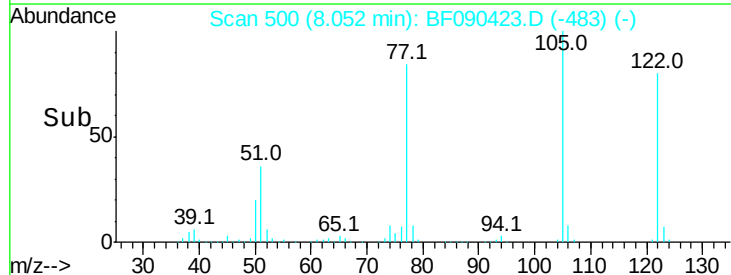
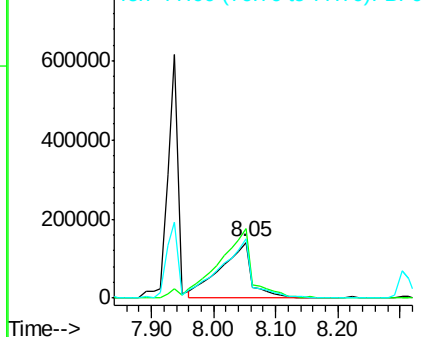


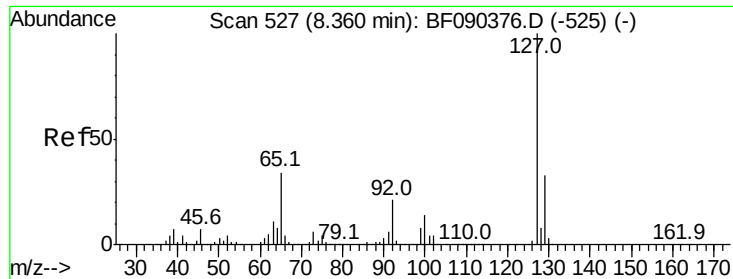
#32  
Benzoic acid  
Concen: 40.71 ng  
RT: 8.05 min Scan# 500  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion:122 Resp: 496784  
Ion Ratio Lower Upper  
122 100  
105 125.7 103.9 143.9  
77 106.0 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E  
800000  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





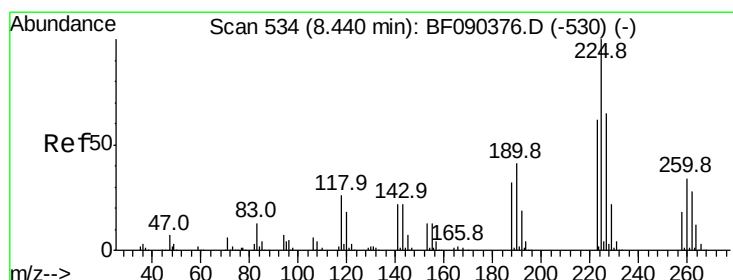
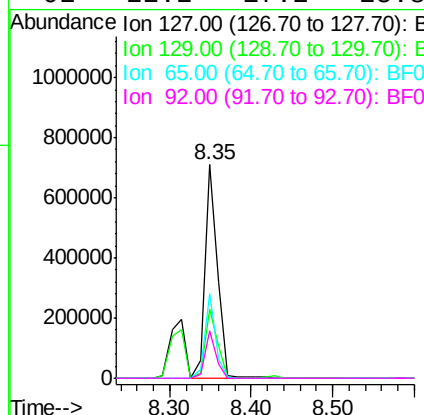
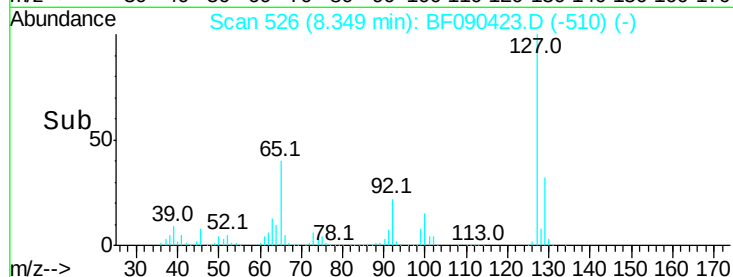
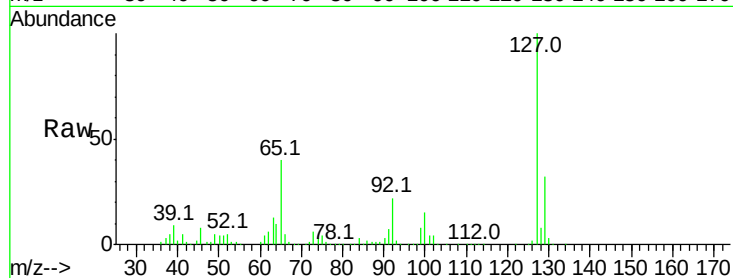
#33  
4-Chloroaniline  
Concen: 37.40 ng  
RT: 8.35 min Scan# 526  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.2  | 26.2 | 39.4  |       |
| 65      | 39.7  | 32.5 | 48.7  |       |
| 92      | 22.2  | 17.2 | 25.8  |       |

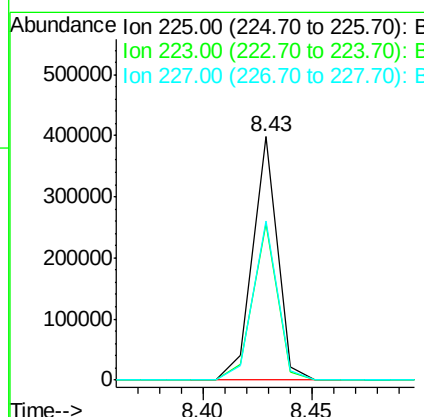
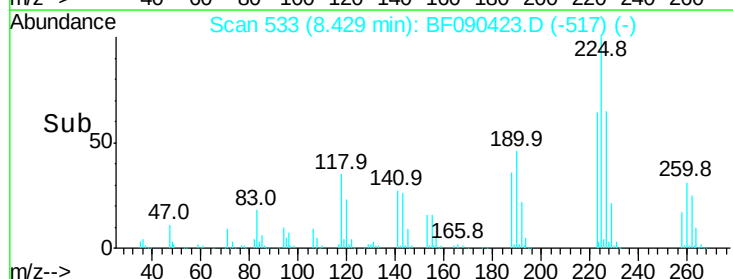
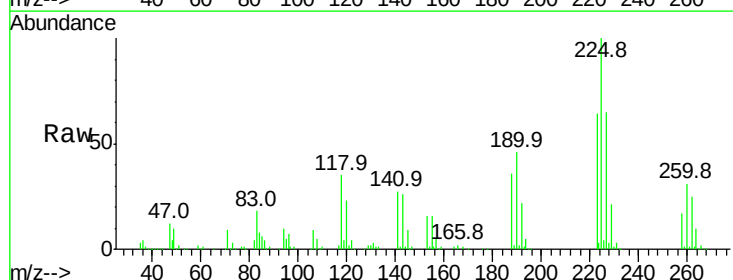
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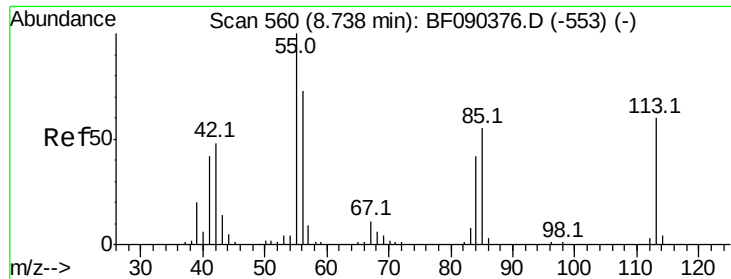
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#34  
Hexachlorobutadiene  
Concen: 41.12 ng  
RT: 8.43 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.4  | 51.0 | 76.4  |       |
| 227     | 65.4  | 50.8 | 76.2  |       |





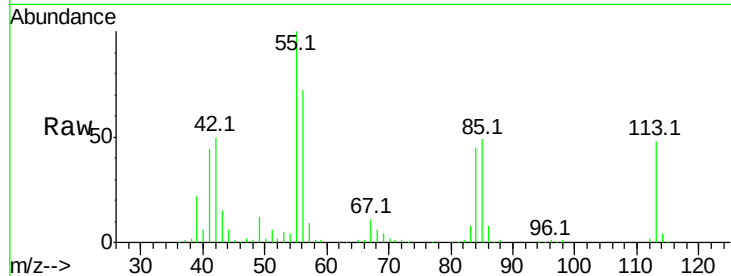
#35  
 Caprolactam  
 Concen: 37.87 ng  
 RT: 8.73 min Scan# 559  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

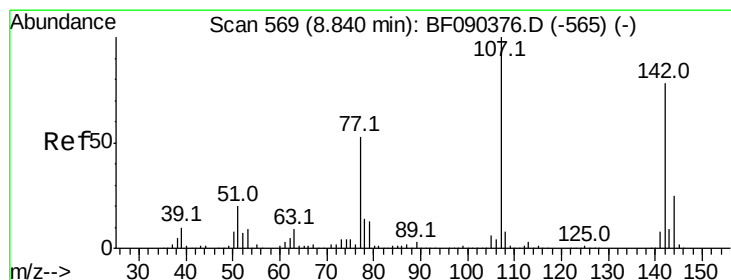
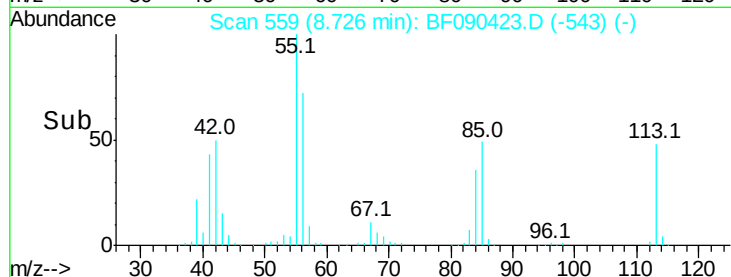
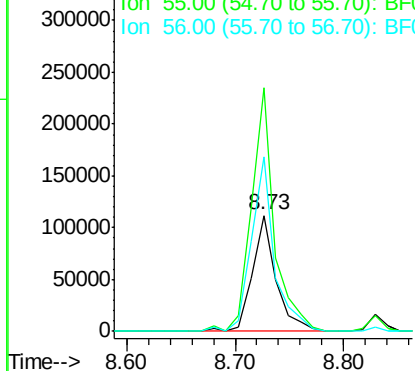
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 209.8 | 203.3 | 243.3 |
| 56      | 150.8 | 140.5 | 180.5 |

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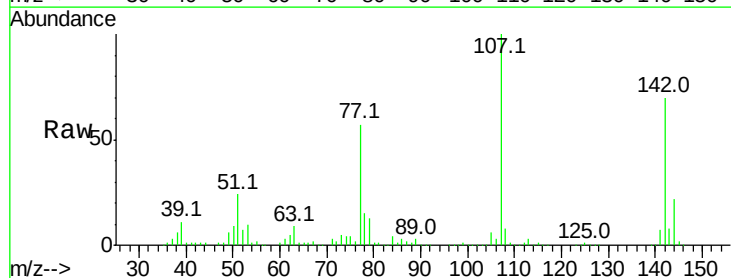


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

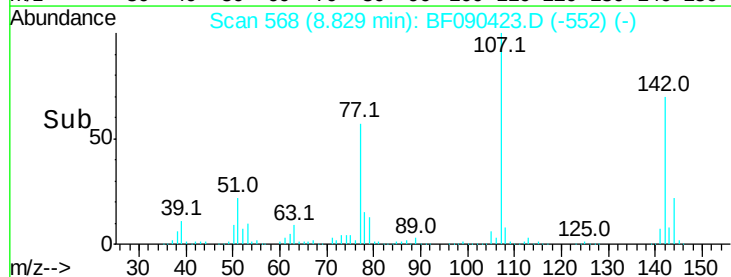
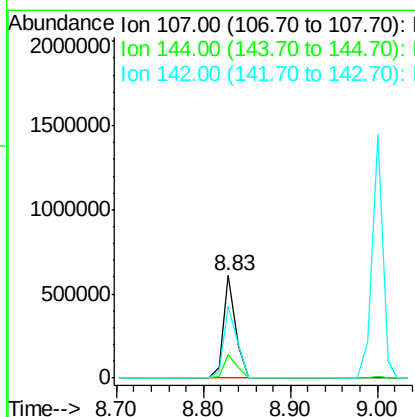


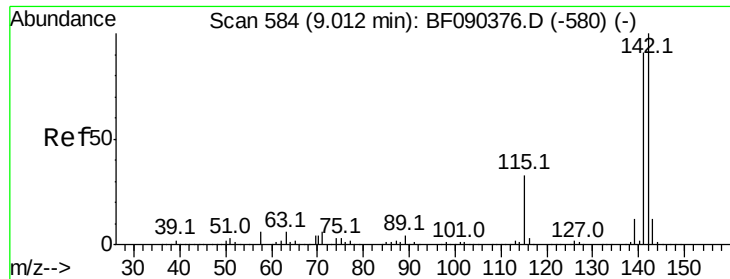
#36  
 4-Chloro-3-methylphenol  
 Concen: 35.98 ng  
 RT: 8.83 min Scan# 568  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.4  | 19.8  | 29.8  |
| 142     | 70.3  | 60.7  | 91.1  |



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





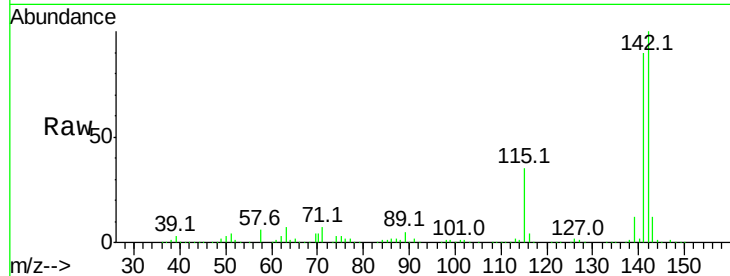
#37  
2-Methylnaphthalene  
Concen: 40.49 ng  
RT: 9.00 min Scan# 583  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

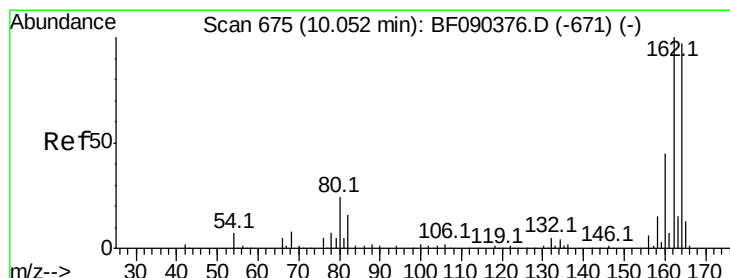
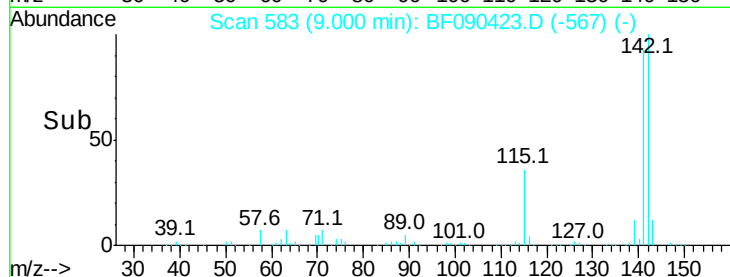
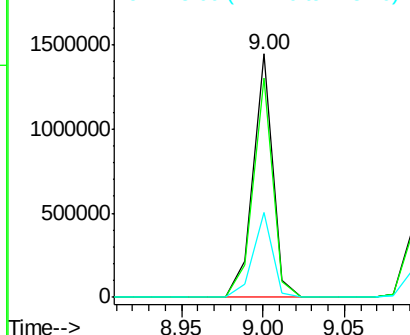
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 71.8  | 107.8 |
| 115     | 35.1  | 28.8  | 43.2  |

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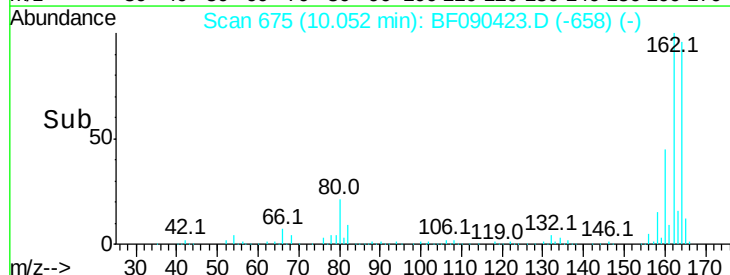
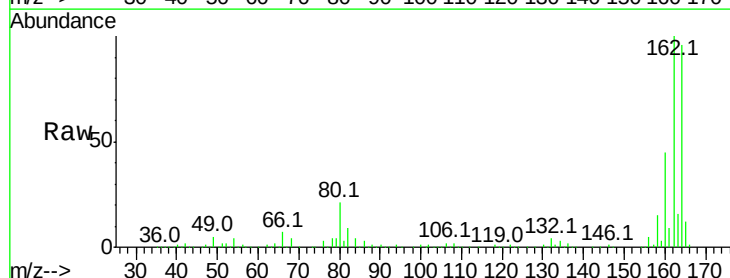
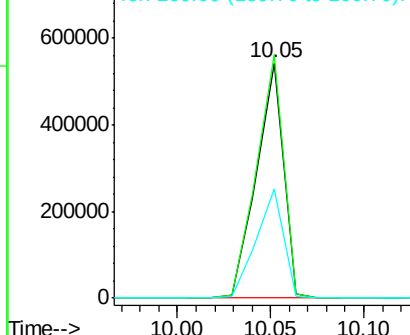
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

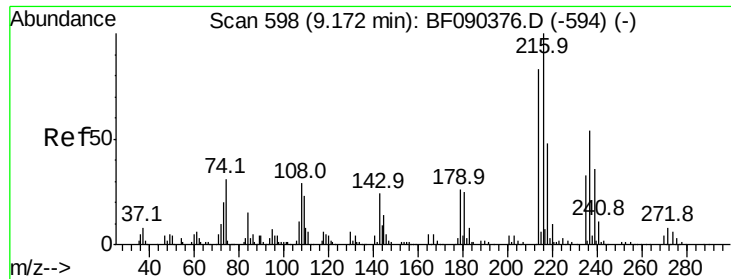


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.05 min Scan# 675  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 80.1  | 120.1 |
| 160     | 46.3  | 36.3  | 54.5  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.14 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

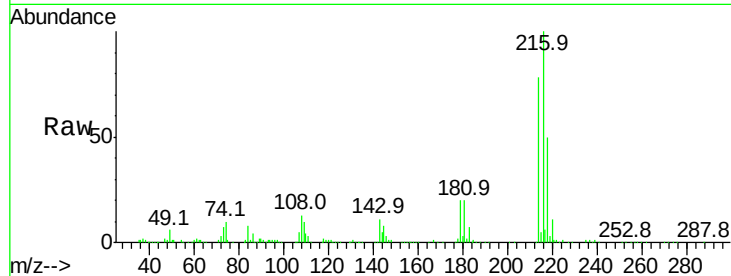
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 216  | Resp: | 587722 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 79.1 | 64.2  | 96.2   |
| 179       | 22.0 | 18.0  | 27.0   |
| 108       | 19.8 | 15.2  | 22.8   |

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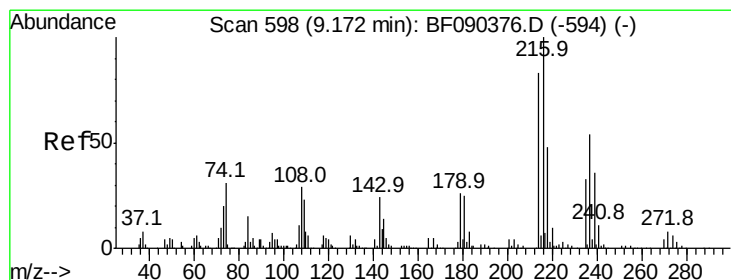
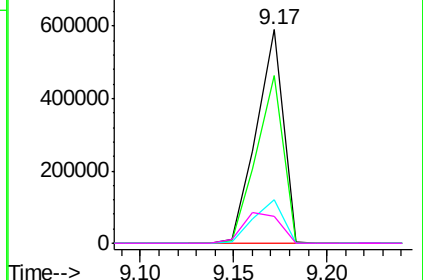
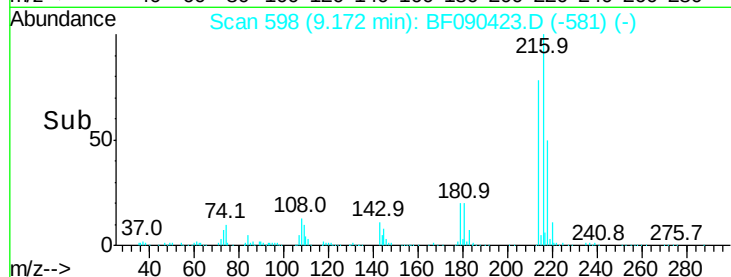


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.37 ng

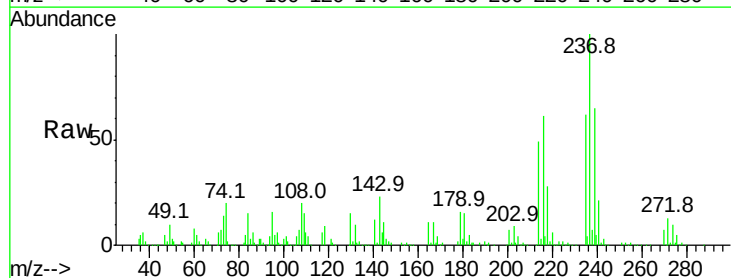
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

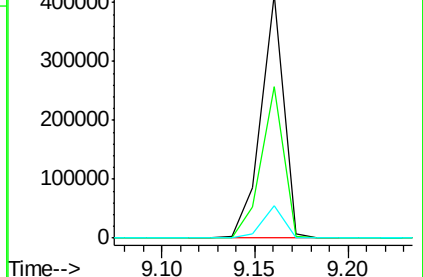
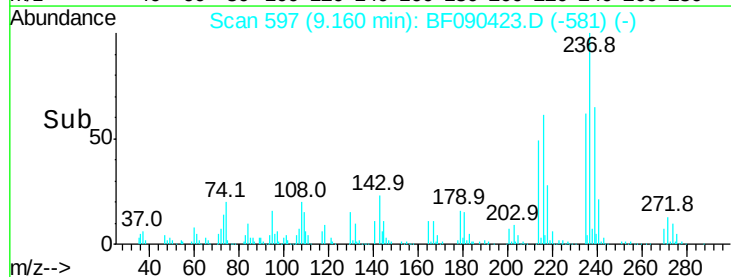
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 237  | Resp: | 347491 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 62.2 | 43.6  | 83.6   |
| 272       | 13.2 | 0.0   | 32.7   |



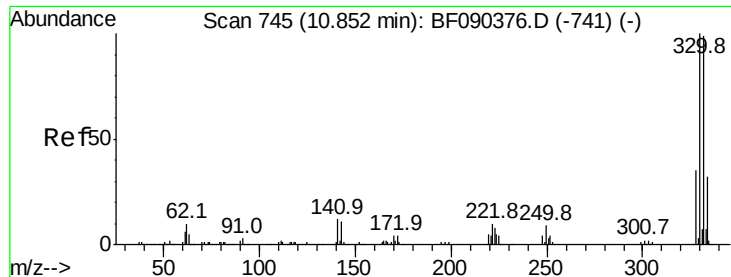
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







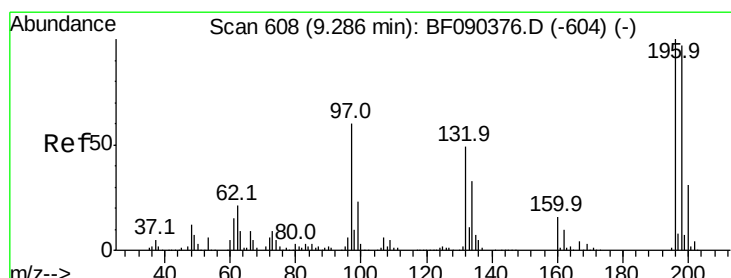
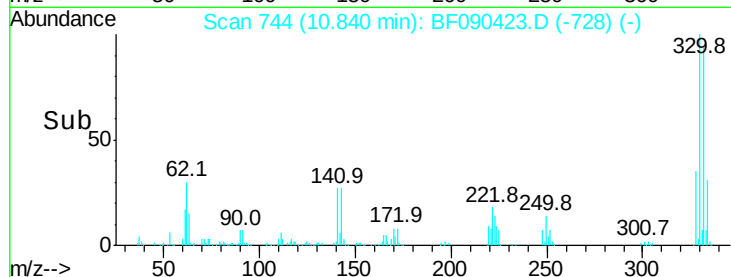
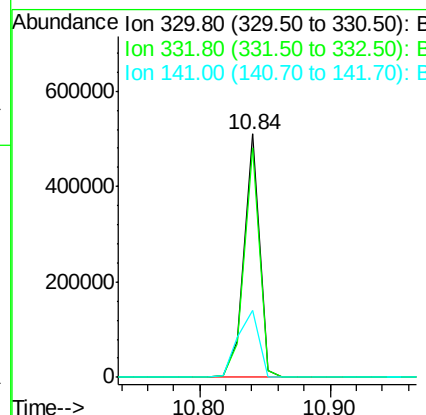
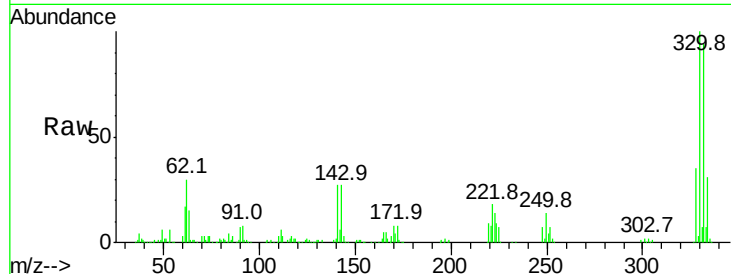
#41  
 2,4,6-Tribromophenol  
 Concen: 94.14 ng  
 RT: 10.84 min Scan# 744  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 414772 |       |       |
| 332     | 94.6  | 75.4   | 113.0 |       |
| 141     | 37.8  | 26.9   | 40.3  |       |

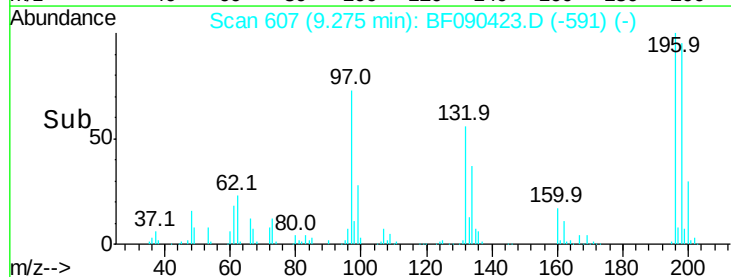
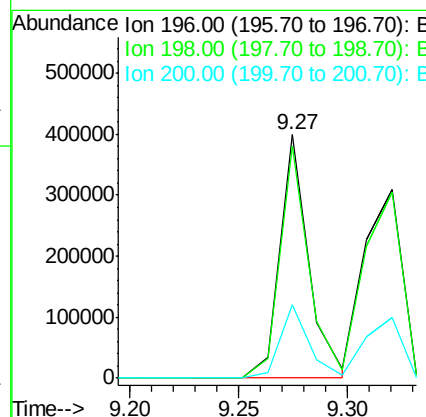
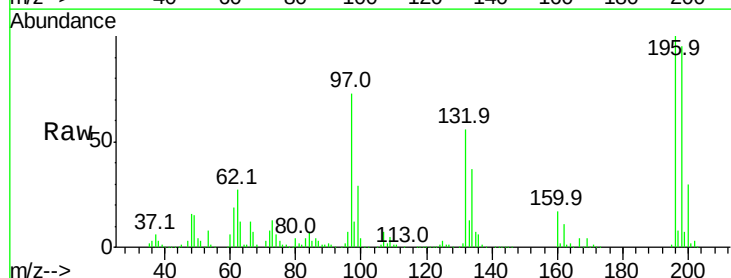
Manual Integrations  
 APPROVED

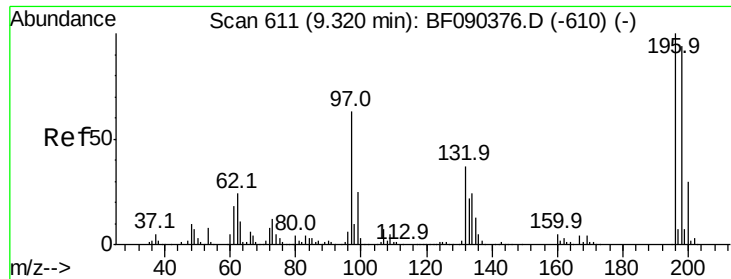
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#42  
 2,4,6-Trichlorophenol  
 Concen: 37.56 ng  
 RT: 9.27 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 370292 |       |       |
| 198     | 95.3  | 78.9   | 118.3 |       |
| 200     | 30.0  | 25.4   | 38.2  |       |





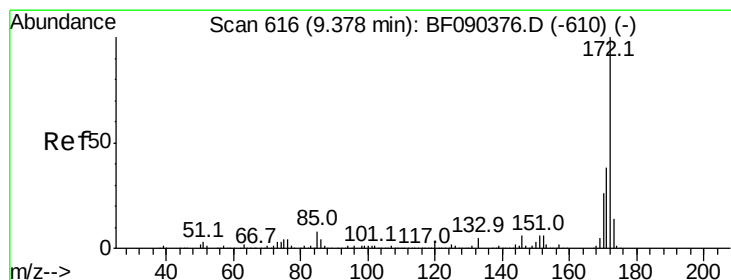
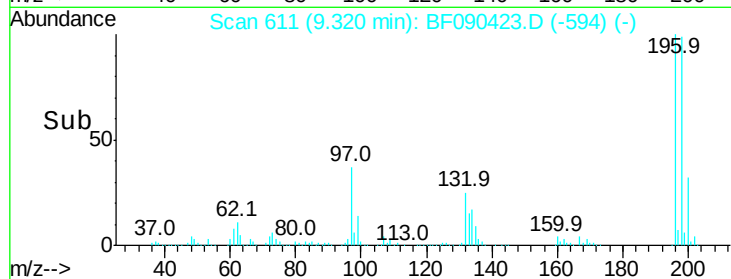
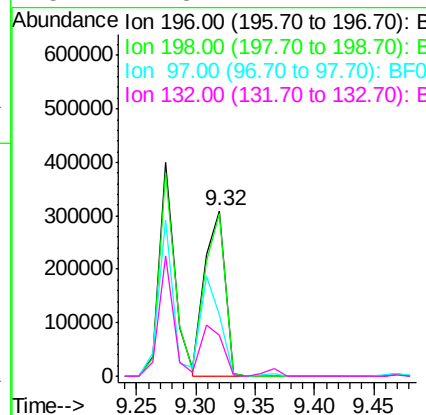
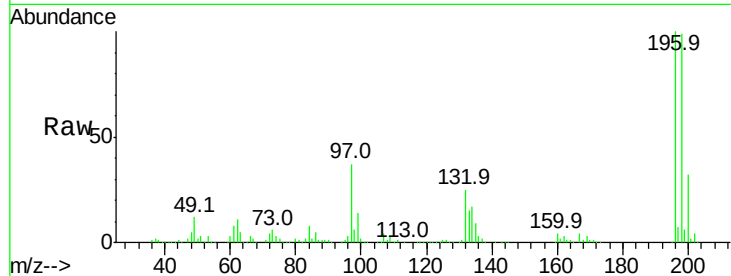
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.11 ng  
 RT: 9.32 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 373854 |       |       |
| 198     | 98.8  | 78.1   | 117.1 |       |
| 97      | 36.9  | 48.1   | 72.1# |       |
| 132     | 24.8  | 27.4   | 41.2# |       |

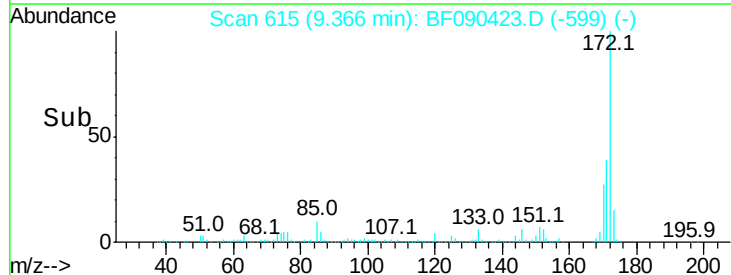
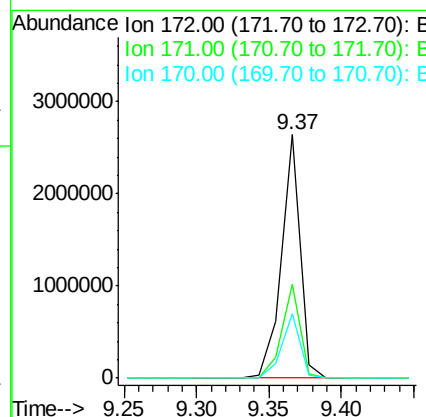
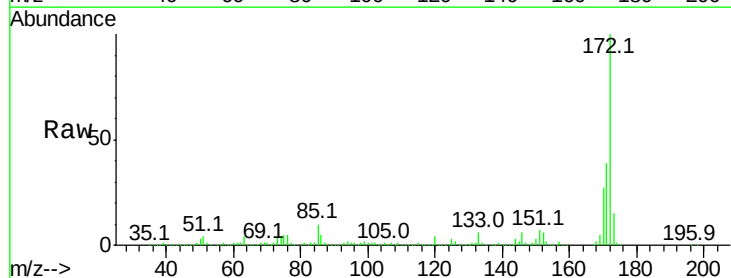
Manual Integrations  
 APPROVED

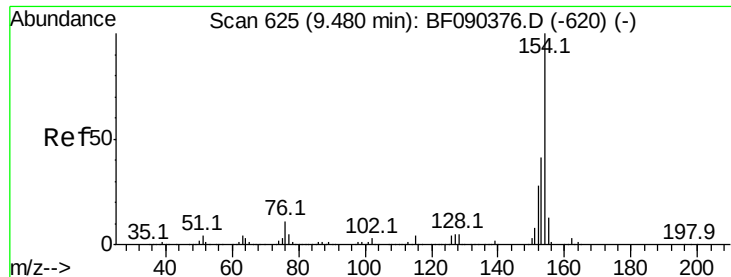
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#44  
 2-Fluorobiphenyl  
 Concen: 72.35 ng  
 RT: 9.37 min Scan# 615  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2352953 |       |       |
| 171     | 38.7  | 31.8    | 47.8  |       |
| 170     | 26.6  | 21.7    | 32.5  |       |





#45

1,1'-Biphenyl

Concen: 41.67 ng

RT: 9.47 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1673107

Ion Ratio Lower Upper

154 100

153 42.7 23.8 63.8

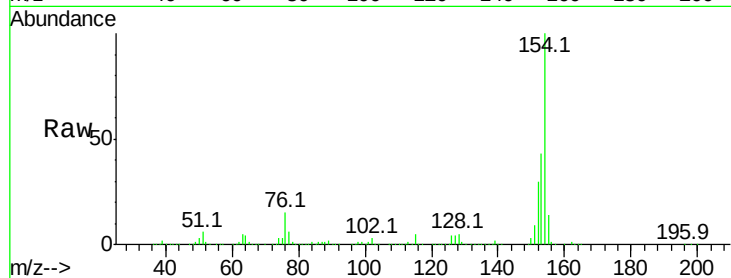
76 15.1 0.0 35.8

Manual Integrations

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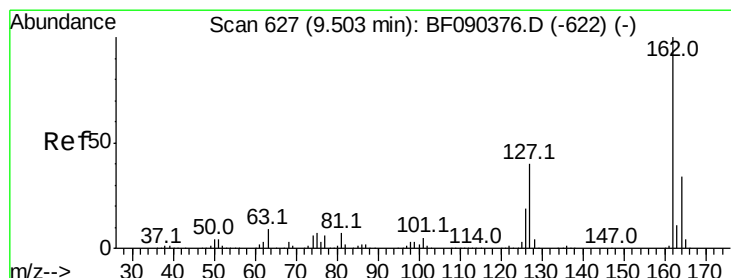
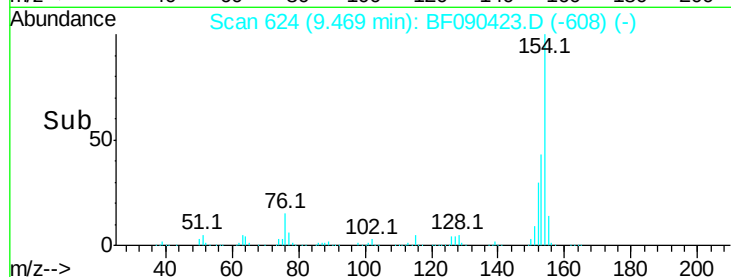
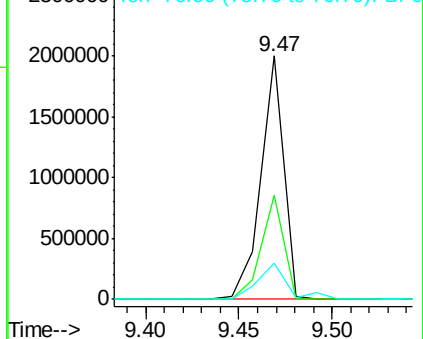
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.93 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

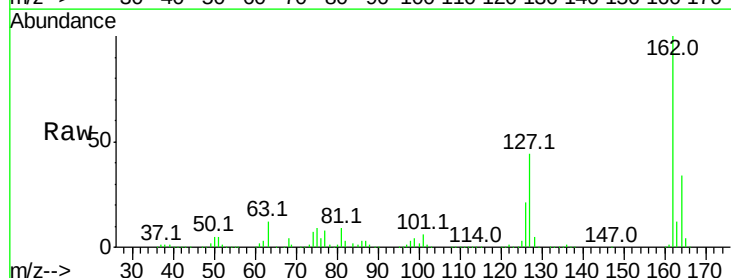
Tgt Ion:162 Resp: 1154955

Ion Ratio Lower Upper

162 100

127 44.5 35.6 53.4

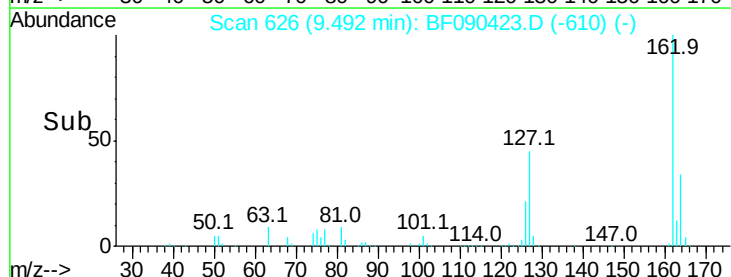
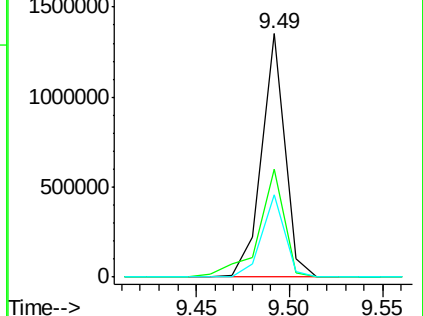
164 34.0 27.5 41.3

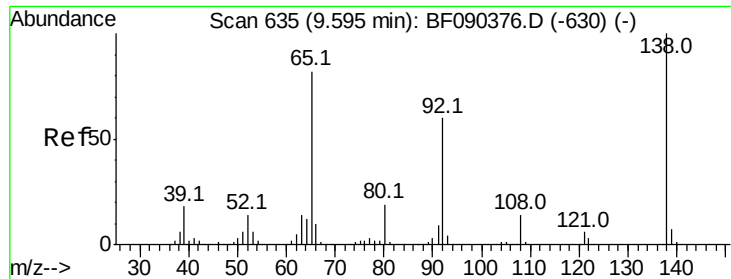


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





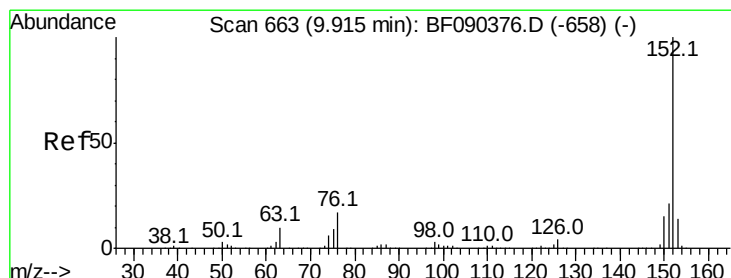
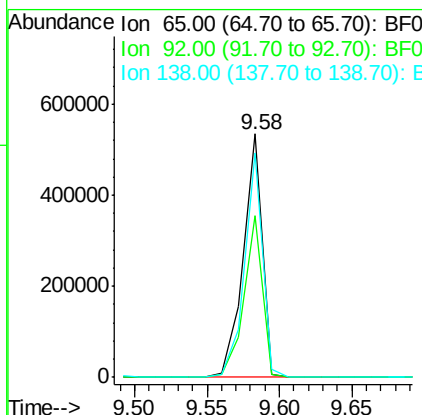
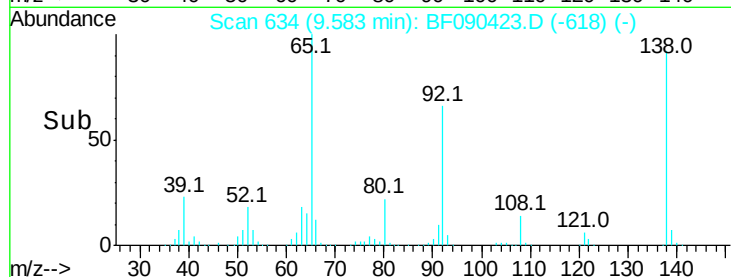
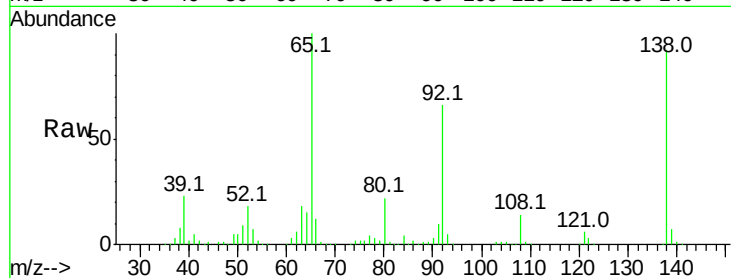
#47  
2-Nitroaniline  
Concen: 41.56 ng  
RT: 9.58 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.3  | 51.7  | 77.5  |
| 138     | 92.1  | 79.0  | 118.4 |

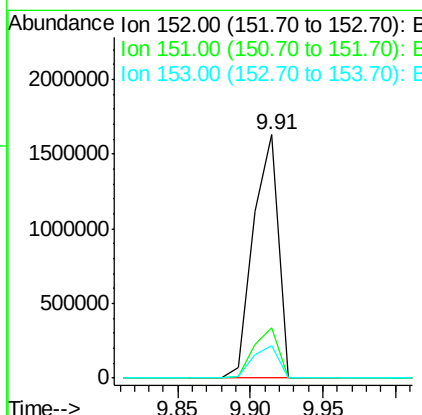
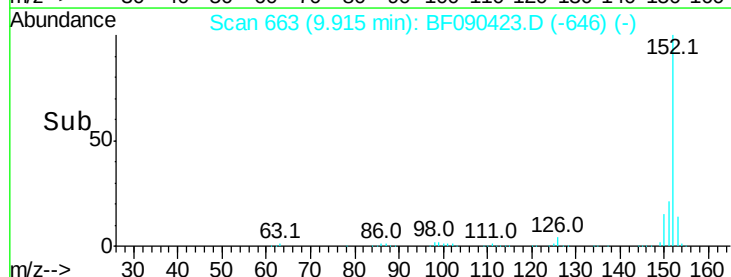
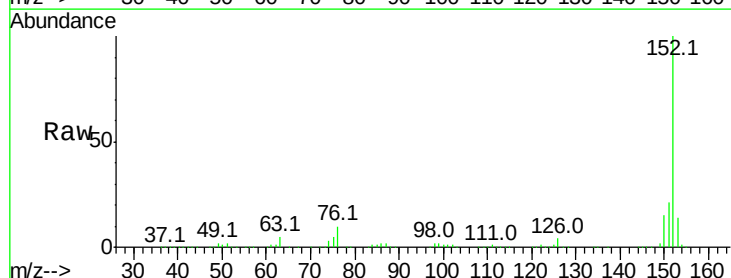
Manual Integrations  
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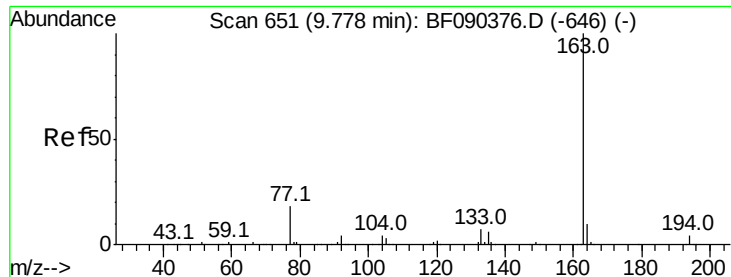
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10/7/2016 7:02:50 PM



#48  
Acenaphthylene  
Concen: 39.66 ng  
RT: 9.91 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 17.4  | 26.0  |
| 153     | 13.6  | 11.6  | 17.4  |





#49

Dimethylphthalate

Concen: 37.10 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1287342

Ion Ratio Lower Upper

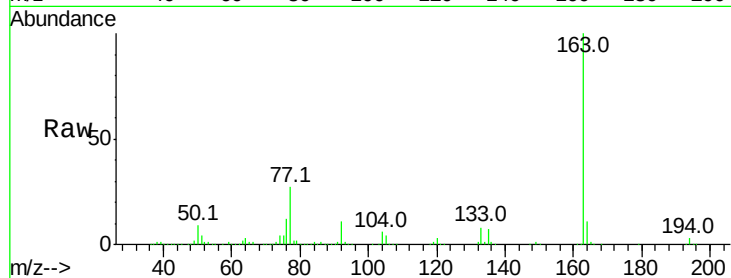
163 100

194 3.4 2.8 4.2

164 11.1 9.0 13.4

Manual Integrations  
APPROVED

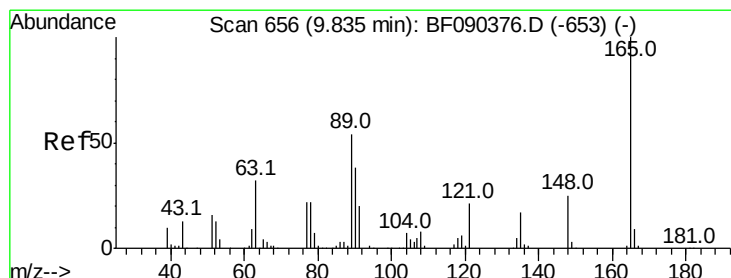
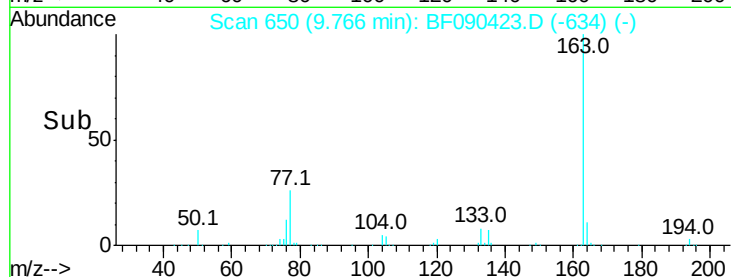
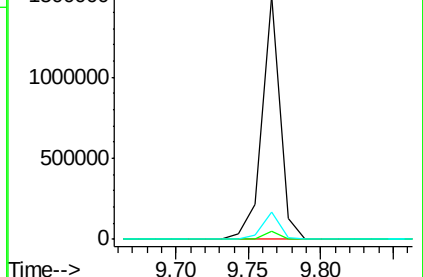
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.32 ng

RT: 9.82 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

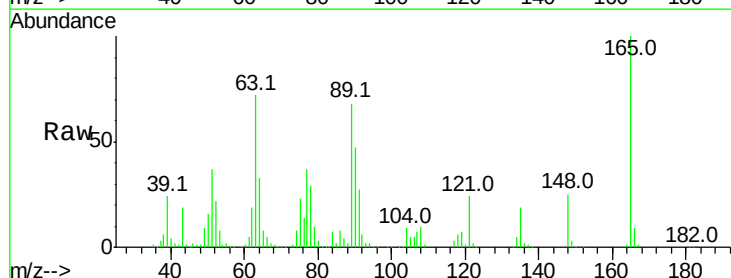
Tgt Ion:165 Resp: 279807

Ion Ratio Lower Upper

165 100

63 72.4 58.0 87.0

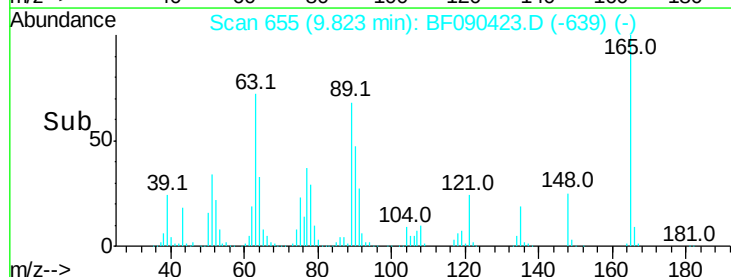
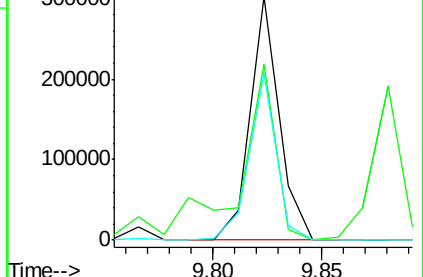
89 68.3 51.2 76.8

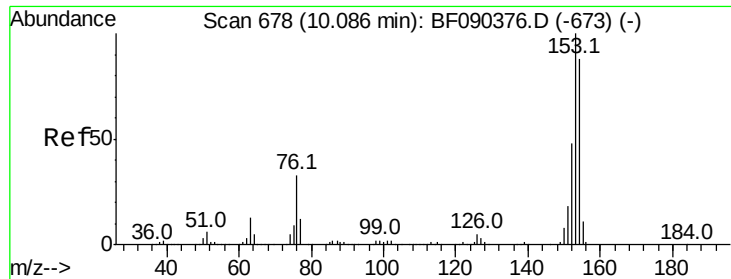


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.20 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1257477

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

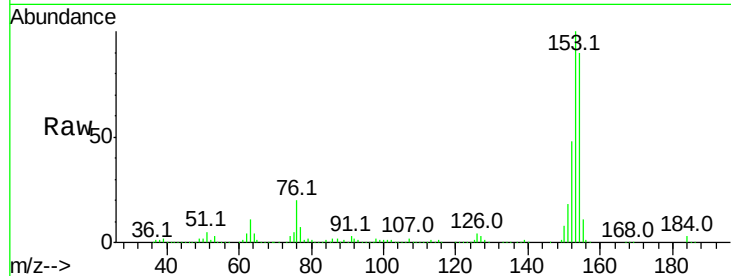
152 54.0 42.6 64.0

Manual Integrations

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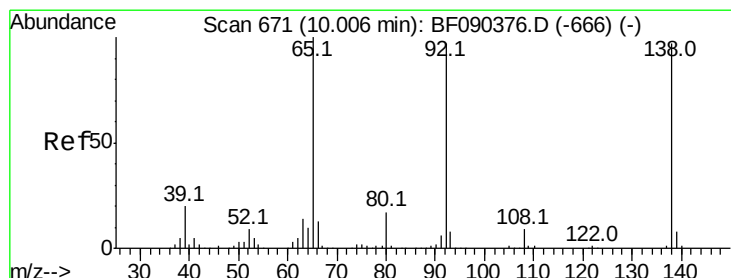
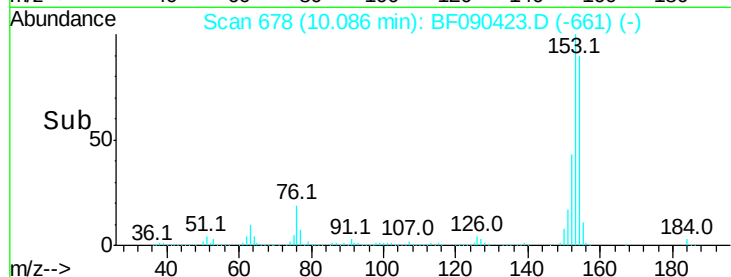
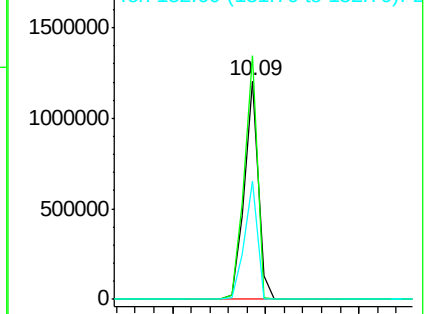
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.32 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

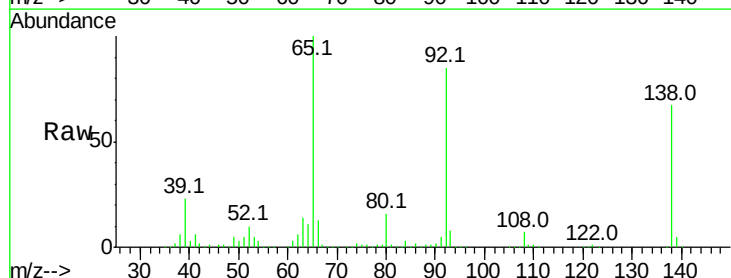
Tgt Ion:138 Resp: 362869

Ion Ratio Lower Upper

138 100

108 10.7 9.7 14.5

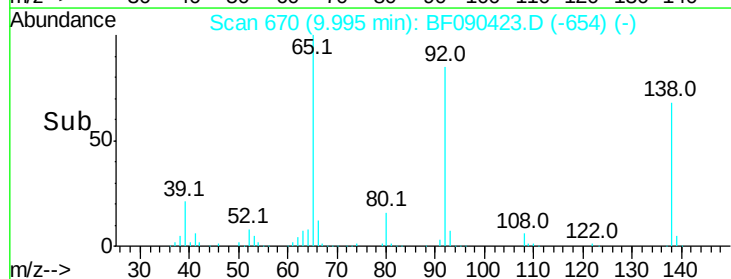
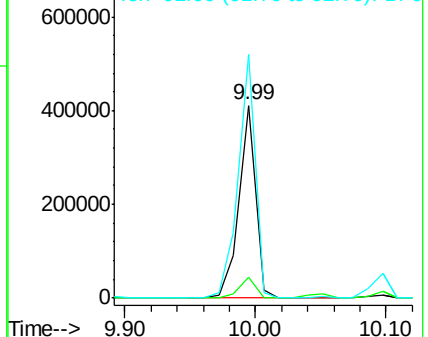
92 126.2 97.1 145.7

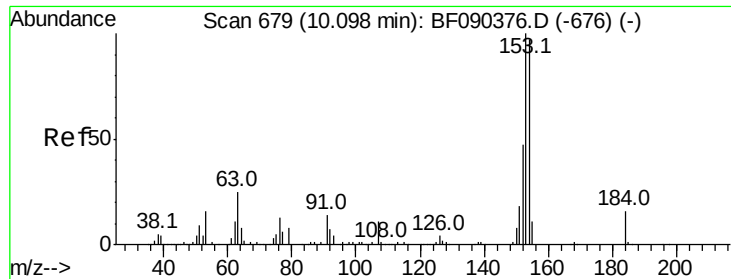


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





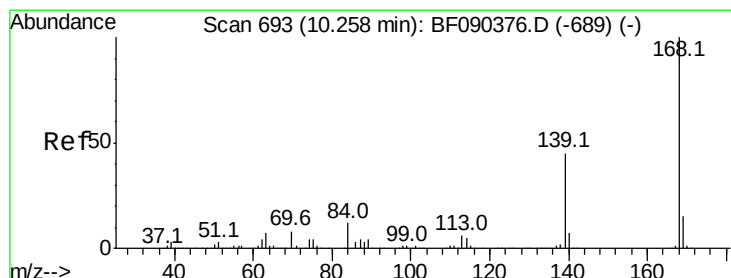
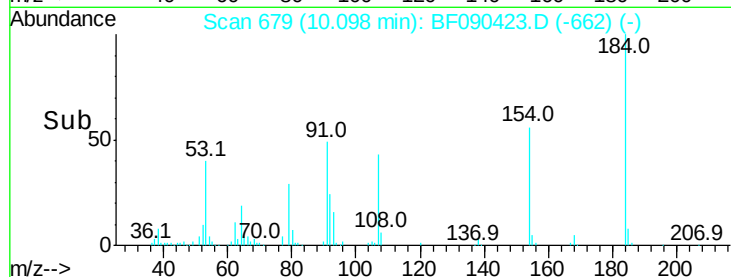
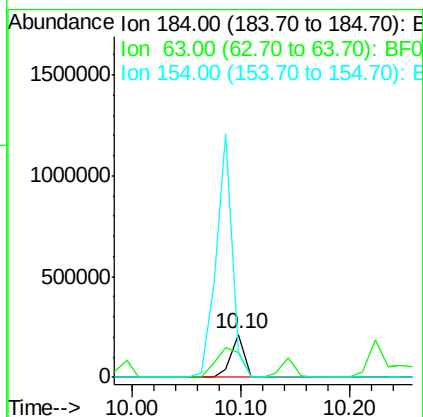
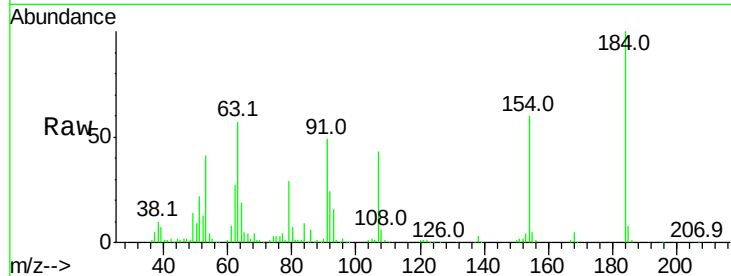
#53  
2,4-Dinitrophenol  
Concen: 52.59 ng  
RT: 10.10 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 180651 |       |       |
| 63      | 57.1  | 41.9   | 62.9  |       |
| 154     | 60.5  | 48.9   | 73.3  |       |

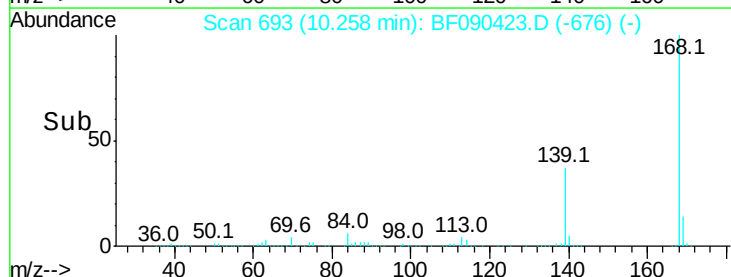
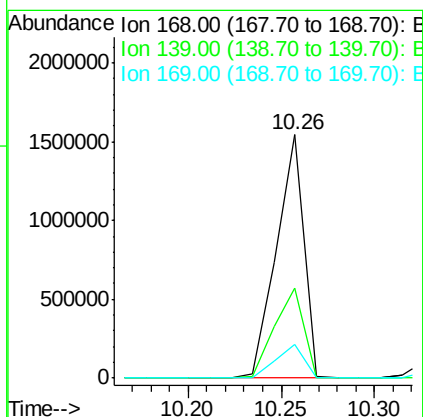
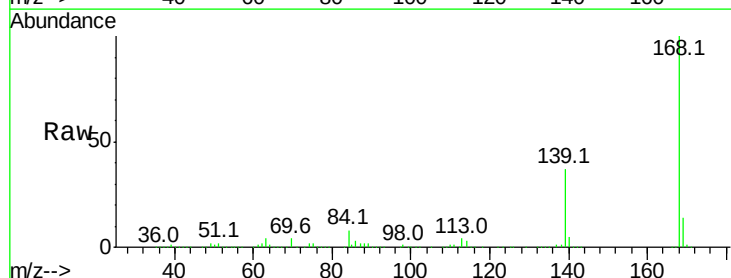
Manual Integrations  
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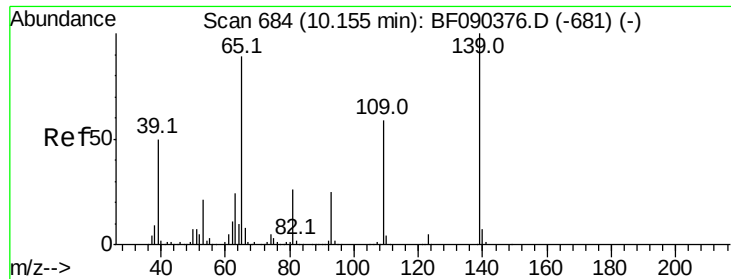
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10/7/2016 7:02:50 PM



#54  
Dibenzofuran  
Concen: 40.25 ng  
RT: 10.26 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1590234 |       |       |
| 139     | 37.2  | 29.6    | 44.4  |       |
| 169     | 13.6  | 11.3    | 16.9  |       |





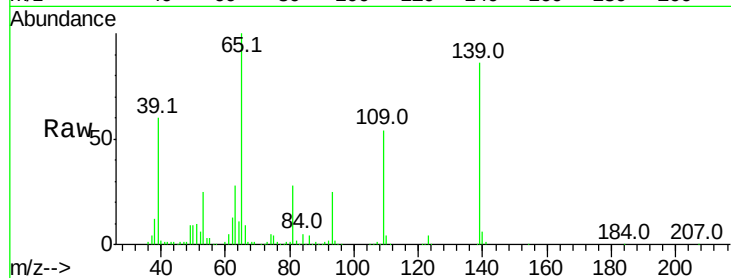
#55  
4-Nitrophenol  
Concen: 35.25 ng  
RT: 10.14 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 277612 |       |       |
| 109     | 63.0  | 43.6   | 83.6  |       |
| 65      | 116.2 | 87.5   | 127.5 |       |

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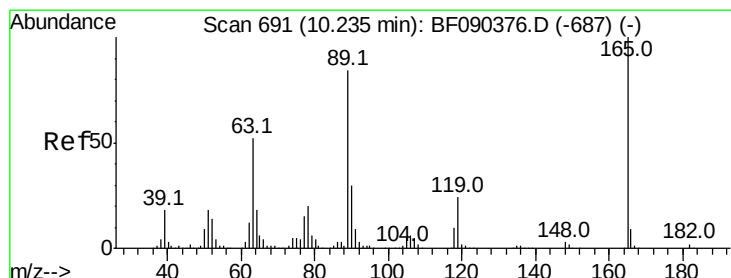
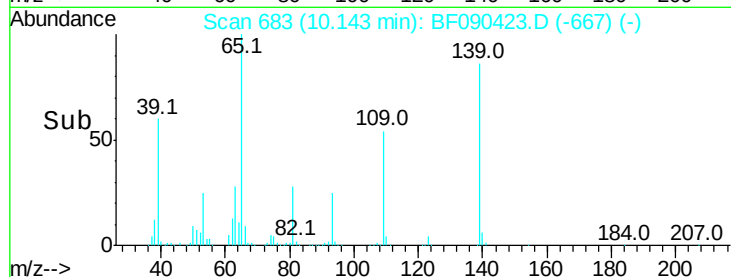
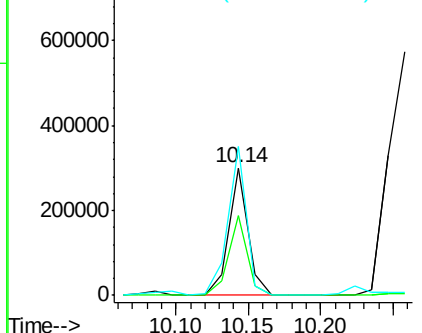


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56  
2,4-Dinitrotoluene  
Concen: 39.27 ng  
RT: 10.22 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 402709 |       |       |
| 63      | 60.4  | 17.8   | 26.6# |       |
| 89      | 92.4  | 33.2   | 49.8# |       |
| 182     | 2.2   | 2.1    | 3.1   |       |

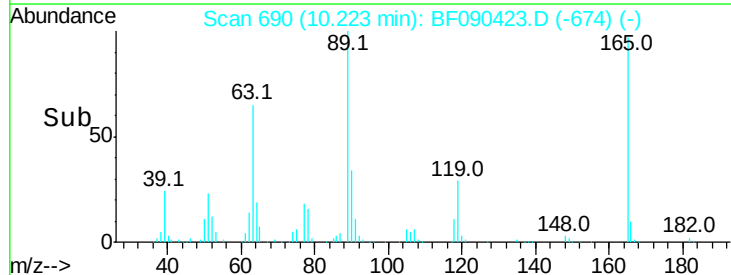
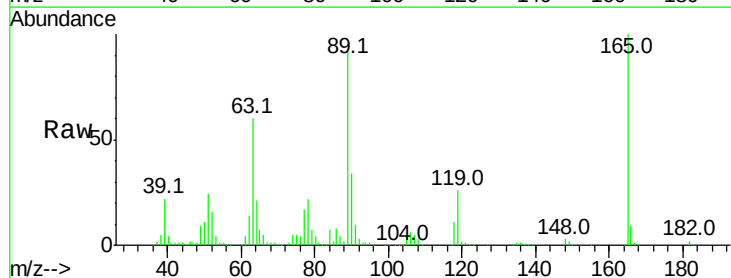
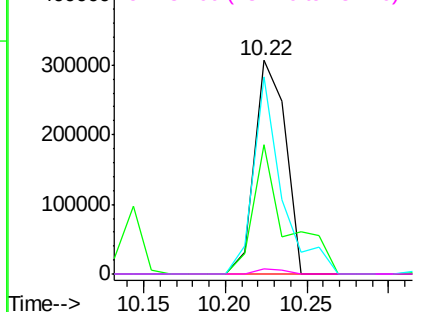
Abundance

Ion 165.00 (164.70 to 165.70): E

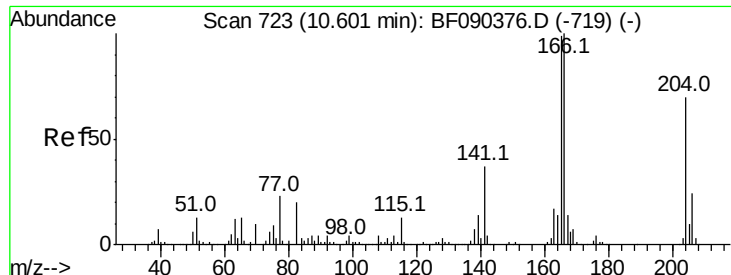
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E







#57

Fluorene

Concen: 42.09 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1397349

Ion Ratio Lower Upper

166 100

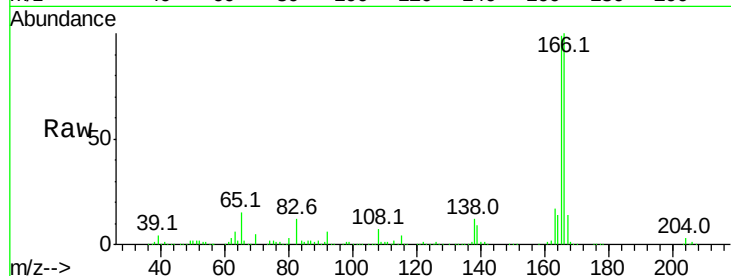
165 98.9 79.2 118.8

167 13.8 11.1 16.7

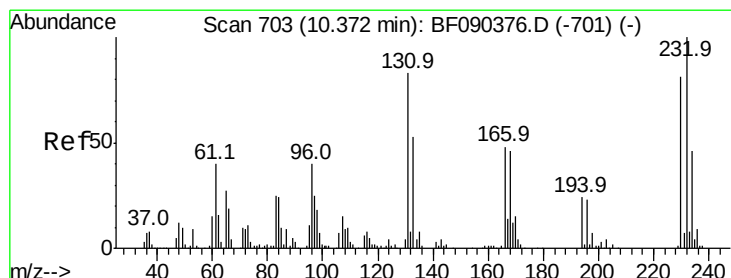
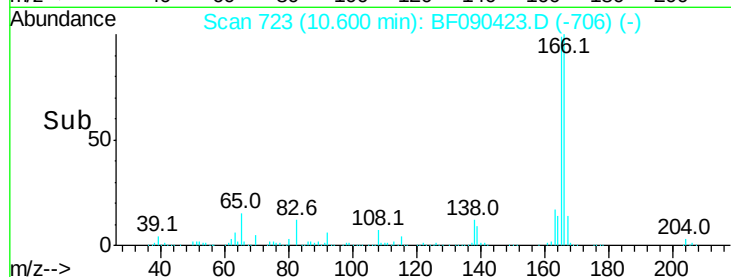
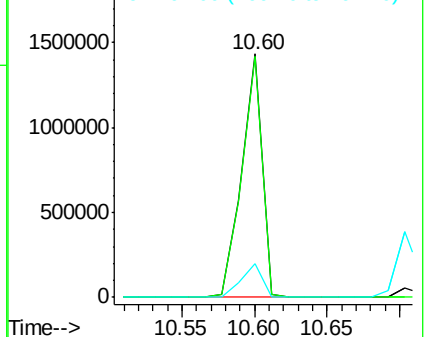
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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.28 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Tgt Ion:232 Resp: 294350

Ion Ratio Lower Upper

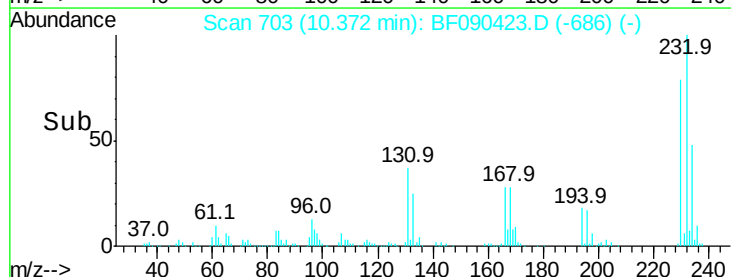
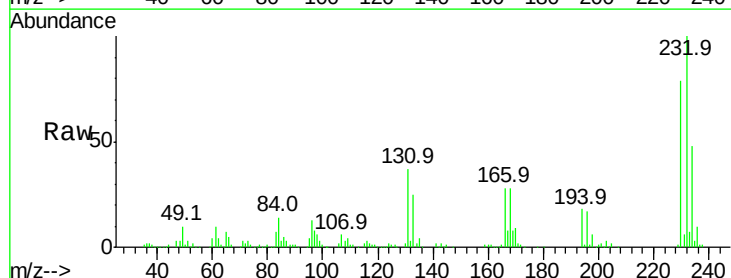
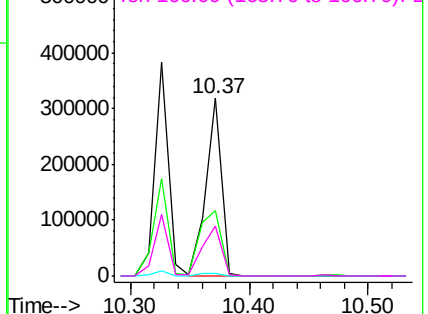
232 100

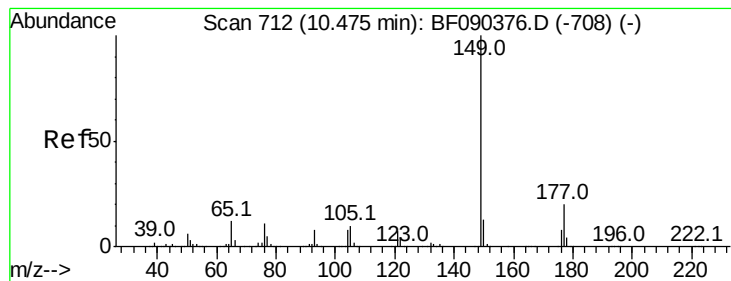
131 50.3 34.5 51.7

130 2.2 1.6 2.4

166 33.7 23.8 35.8

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: 38.20 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 1371621

Ion Ratio Lower Upper

149 100

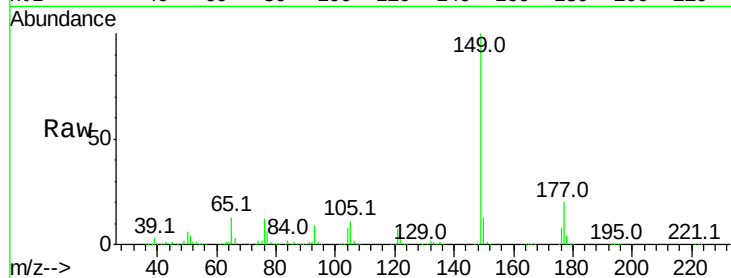
177 19.6 21.1 31.7#

150 12.8 10.2 15.2

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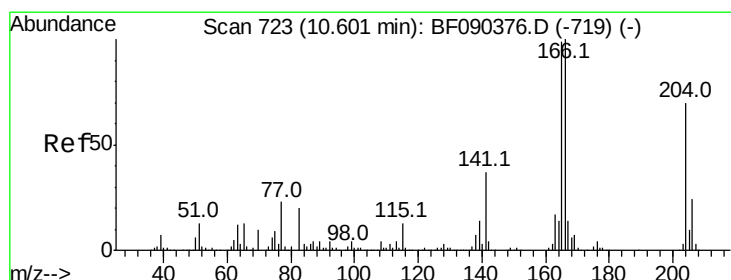
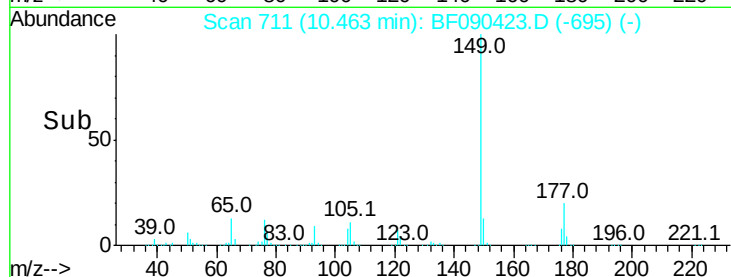
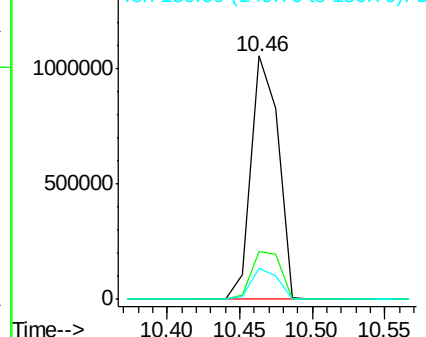
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.09 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

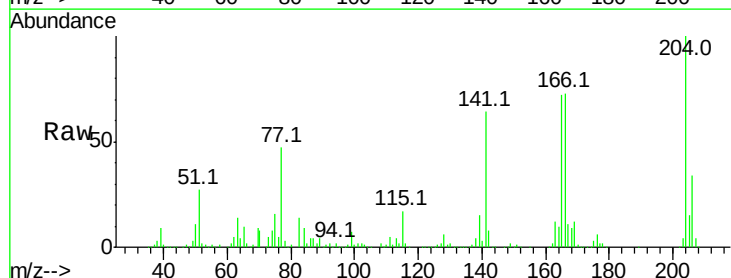
Tgt Ion:204 Resp: 620268

Ion Ratio Lower Upper

204 100

206 33.6 26.7 40.1

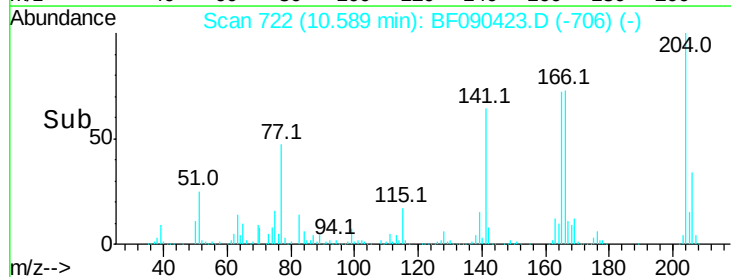
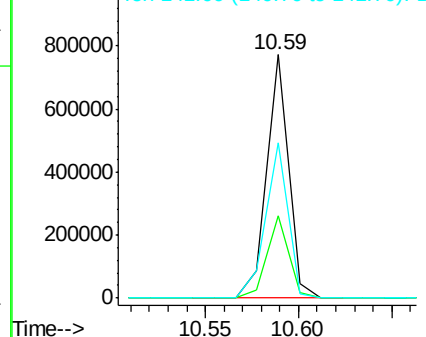
141 63.7 51.7 77.5

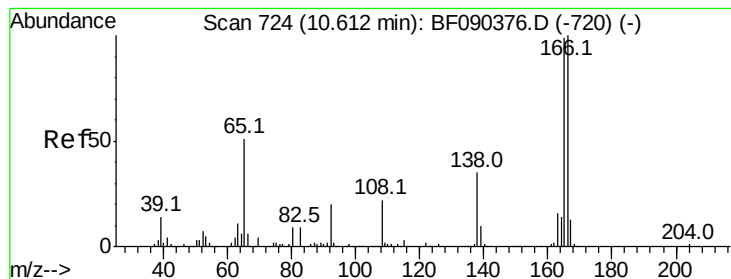


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





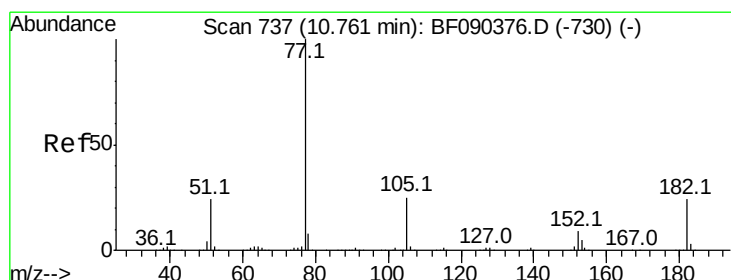
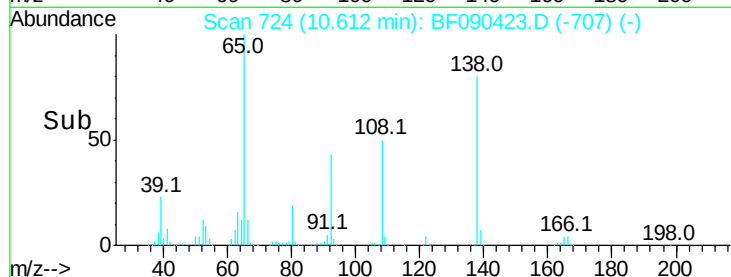
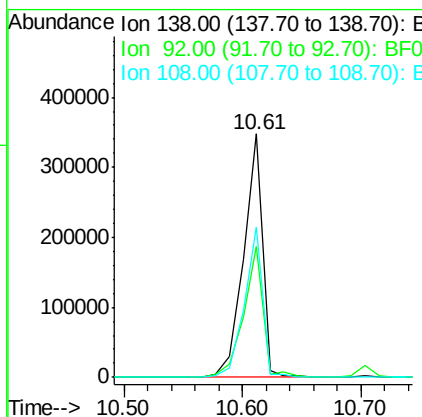
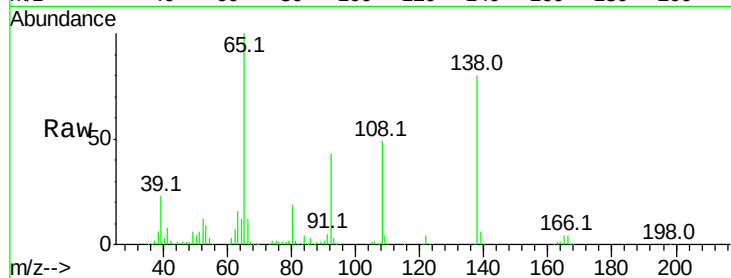
#61  
4-Nitroaniline  
Concen: 42.92 ng  
RT: 10.61 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 389239 |       |       |
| 92      | 53.6  | 33.2   | 73.2  |       |
| 108     | 61.8  | 48.5   | 88.5  |       |

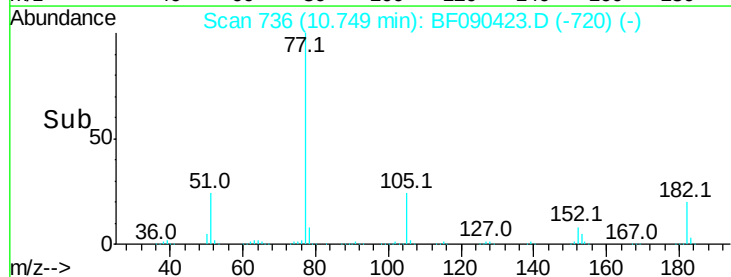
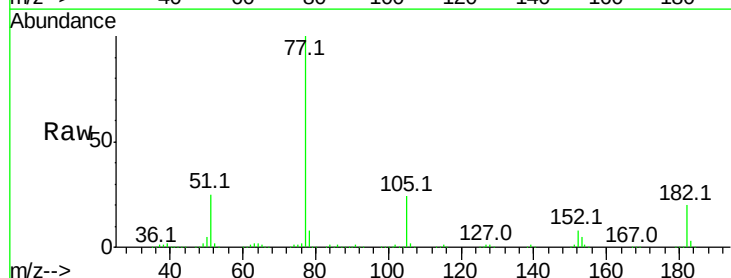
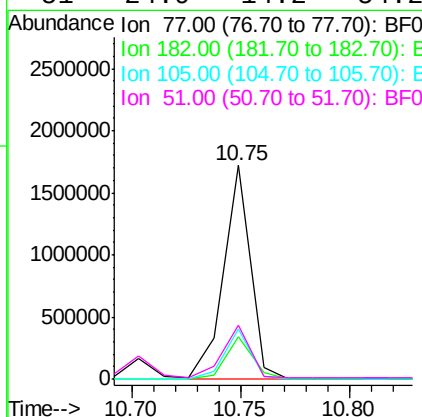
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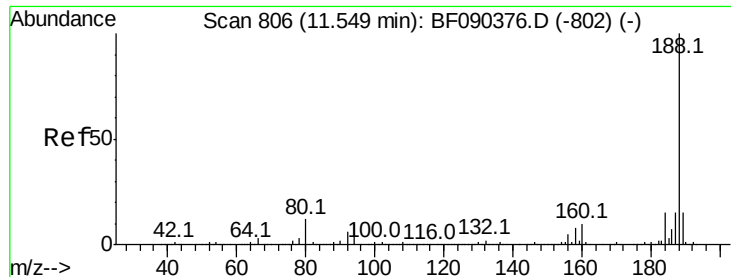
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#62  
Azobenzene  
Concen: 35.41 ng  
RT: 10.75 min Scan# 736  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 77      | 100   | 1468708 |       |       |
| 182     | 19.8  | 3.2     | 43.2  |       |
| 105     | 23.6  | 2.9     | 42.9  |       |
| 51      | 24.9  | 14.2    | 54.2  |       |





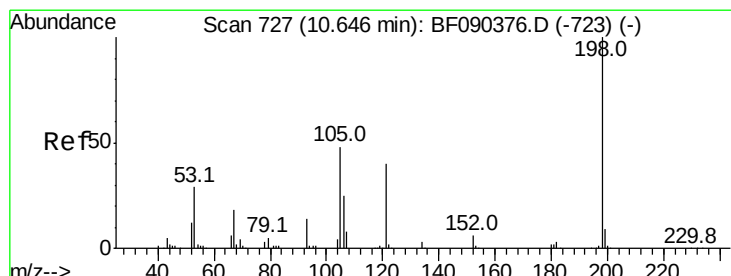
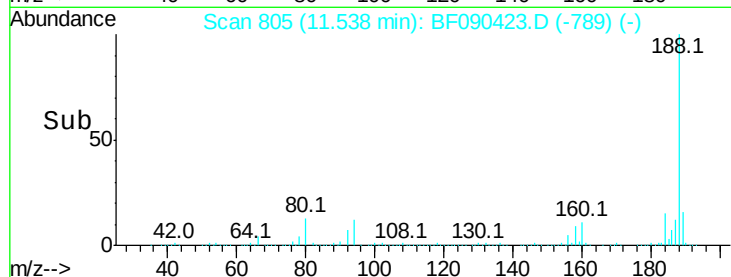
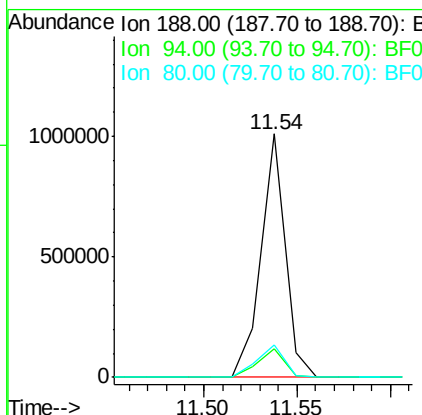
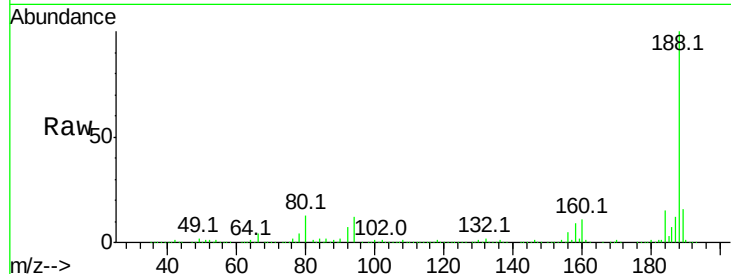
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.54 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 11.9  | 8.2        | 12.2  |
| 80      | 13.5  | 8.8        | 13.2# |

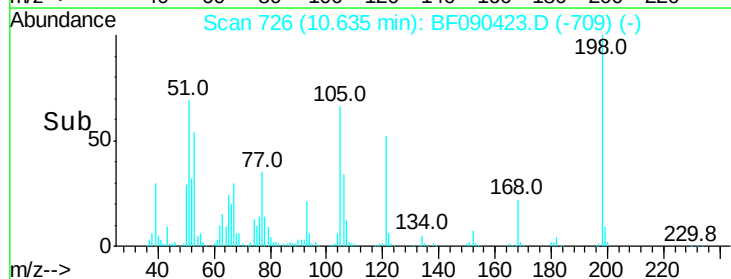
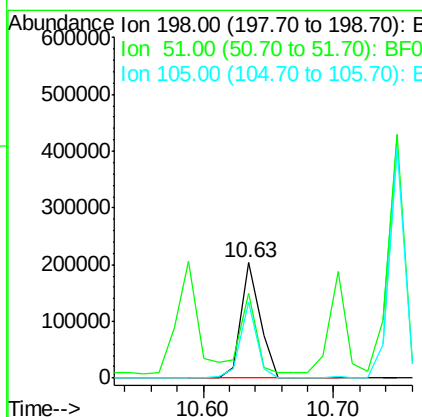
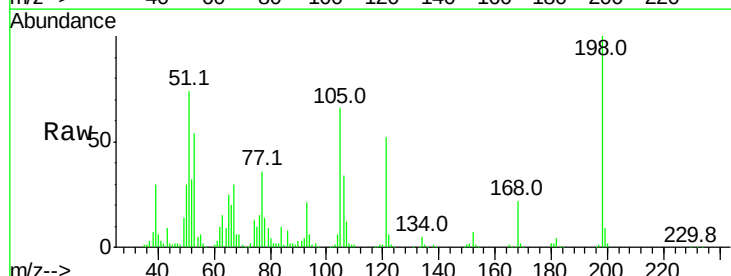
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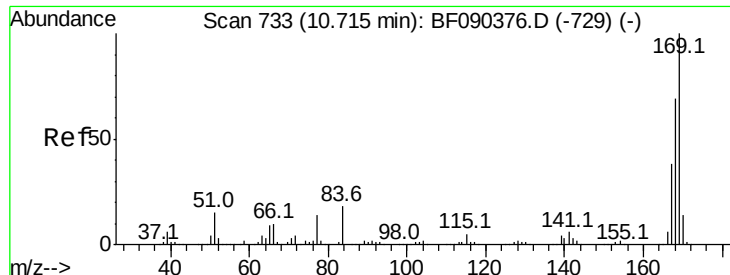
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 35.25 ng  
RT: 10.63 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 73.6  | 67.3       | 107.3 |
| 105     | 66.3  | 42.6       | 82.6  |





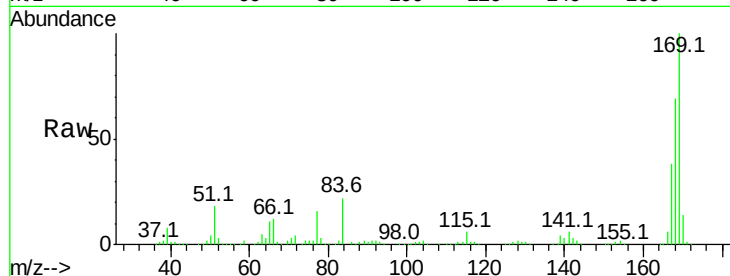
#65  
n-Nitrosodiphenylamine  
Concen: 34.69 ng  
RT: 10.70 min Scan# 732  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

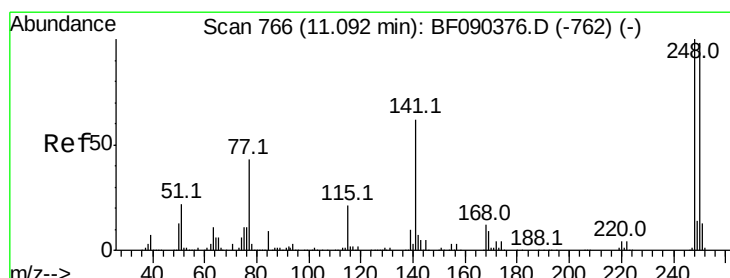
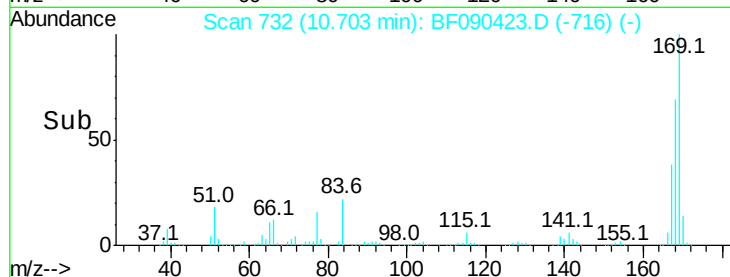
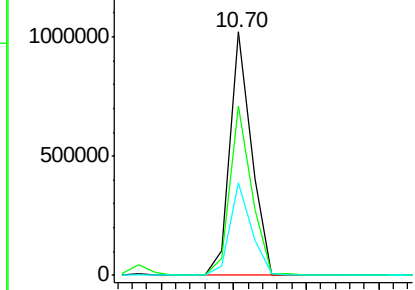
Tot Ion:169 Resp: 1051120  
Ion Ratio Lower Upper  
169 100  
168 69.4 53.8 80.6  
167 38.1 29.8 44.8

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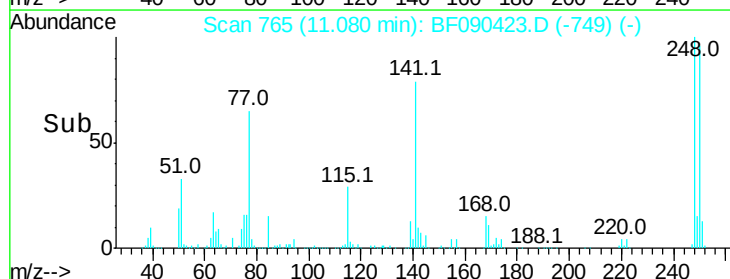
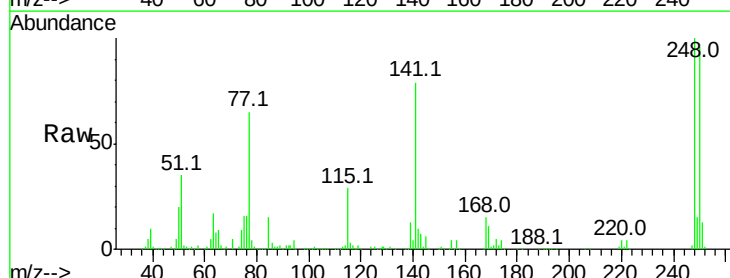
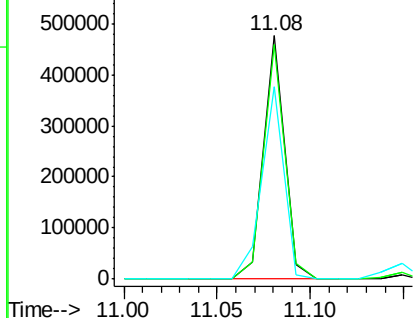
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

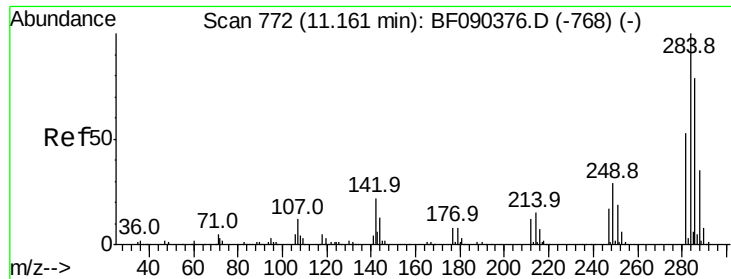


#66  
4-Bromophenyl-phenylether  
Concen: 41.79 ng  
RT: 11.08 min Scan# 765  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion:248 Resp: 370415  
Ion Ratio Lower Upper  
248 100  
250 96.4 76.5 114.7  
141 79.3 59.8 89.6

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: 43.89 ng

RT: 11.15 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

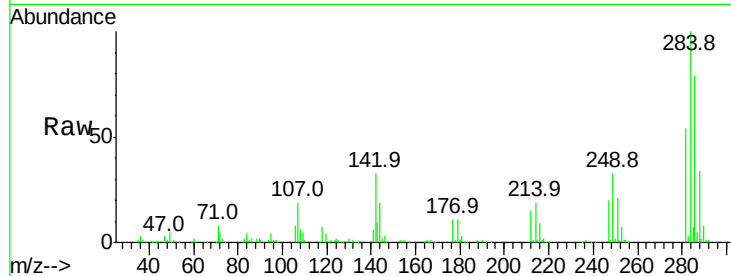
ClientSampleId :

SSTDCCC040

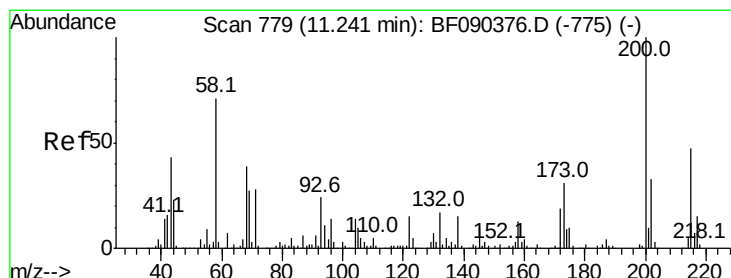
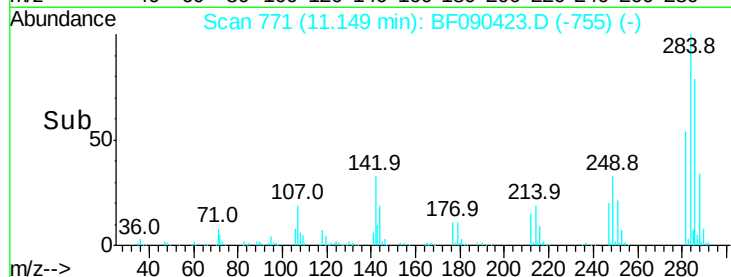
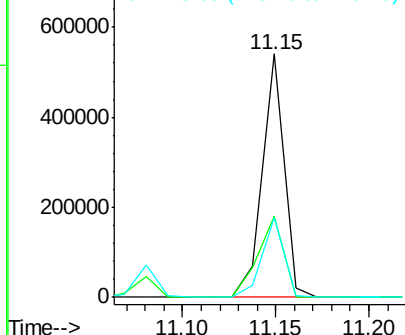
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 433218 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.0  | 23.1  | 34.7   |
| 249       | 32.6  | 26.3  | 39.5   |

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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: 34.48 ng

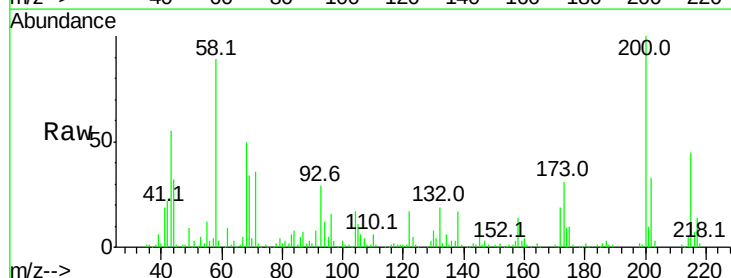
RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

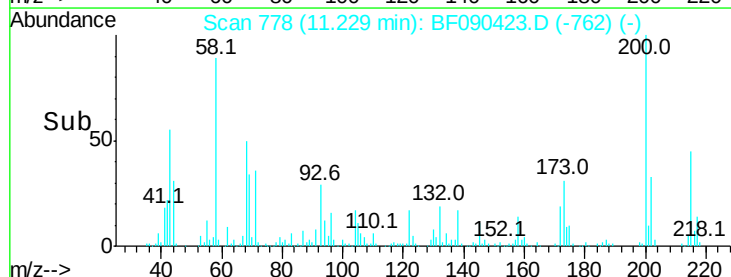
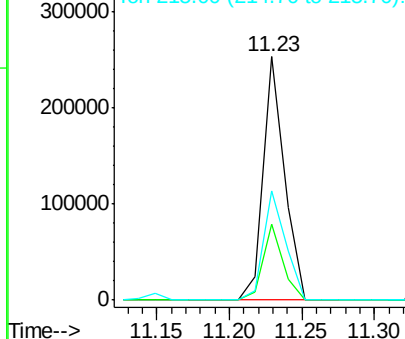
Lab File: BF090423.D

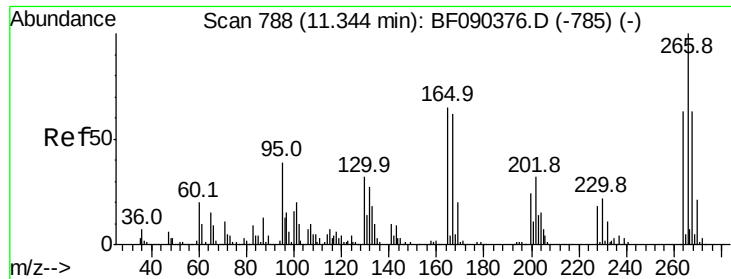
Acq: 6 Oct 2016 16:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 257592 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 31.4  | 9.0   | 49.0   |
| 215       | 44.6  | 24.8  | 64.8   |



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





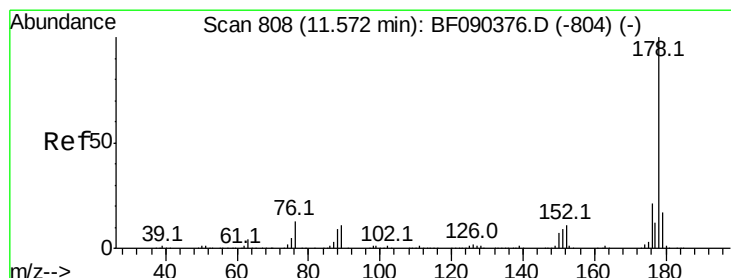
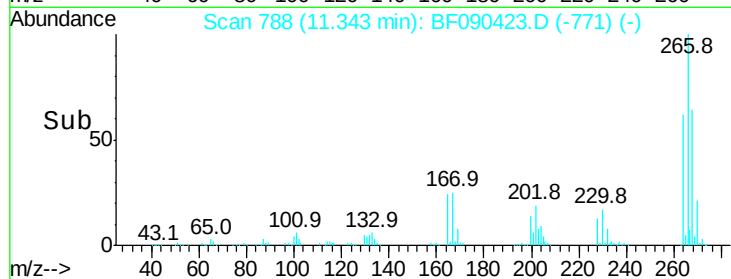
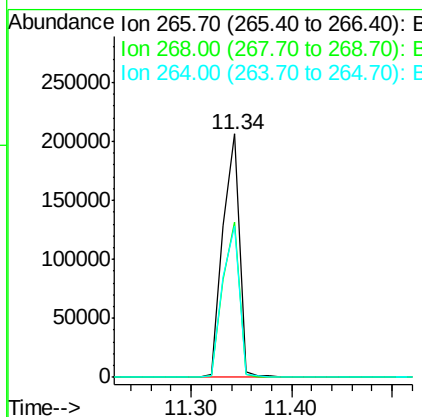
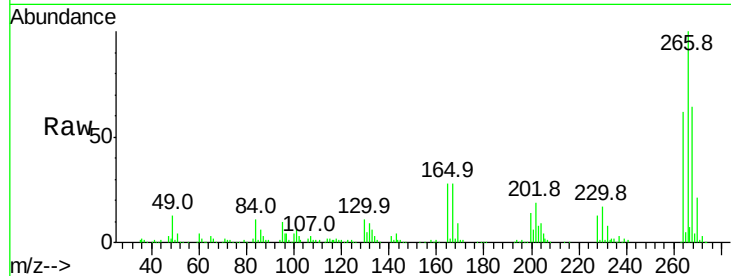
#69  
 Pentachlorophenol  
 Concen: 40.52 ng  
 RT: 11.34 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.8  | 50.9  | 76.3  |
| 264     | 62.4  | 51.5  | 77.3  |

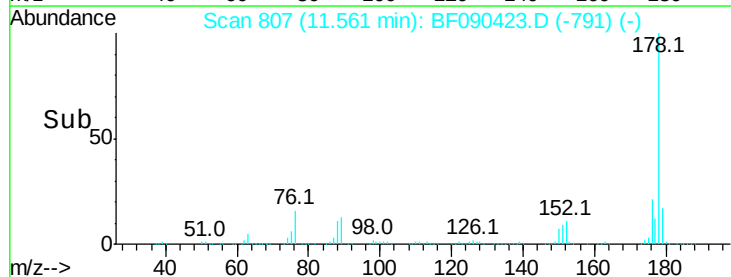
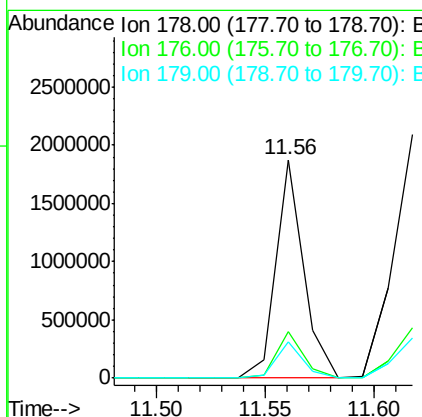
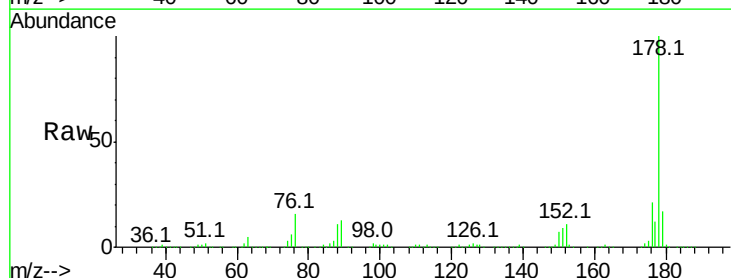
Manual Integrations  
 APPROVED

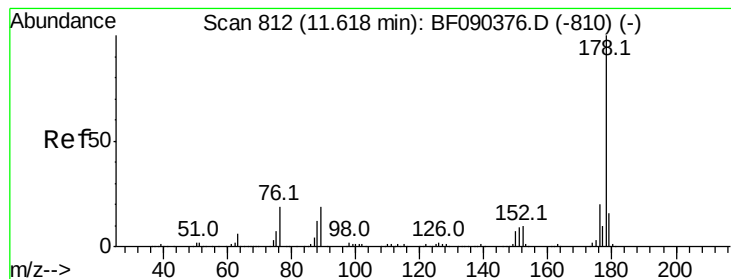
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#70  
 Phenanthrene  
 Concen: 36.23 ng  
 RT: 11.56 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 17.3  | 25.9  |
| 179     | 16.6  | 13.8  | 20.6  |





#71  
 Anthracene  
 Concen: 42.18 ng  
 RT: 11.62 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

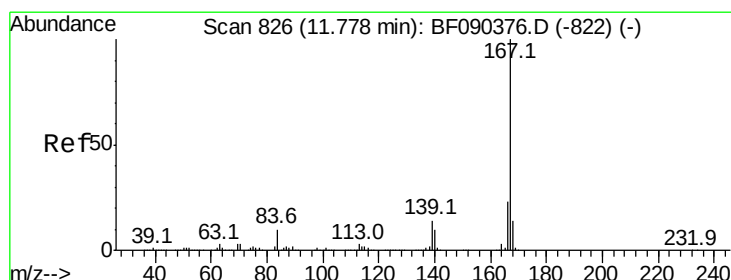
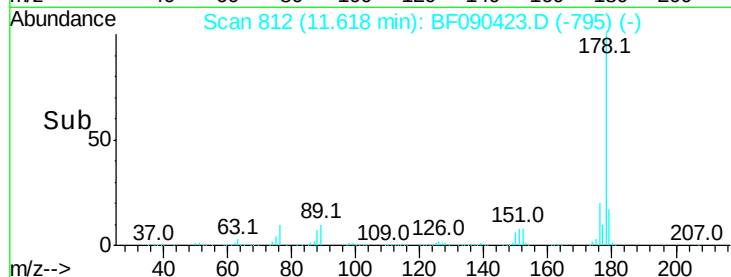
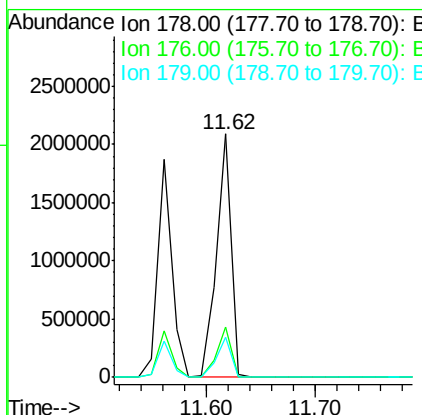
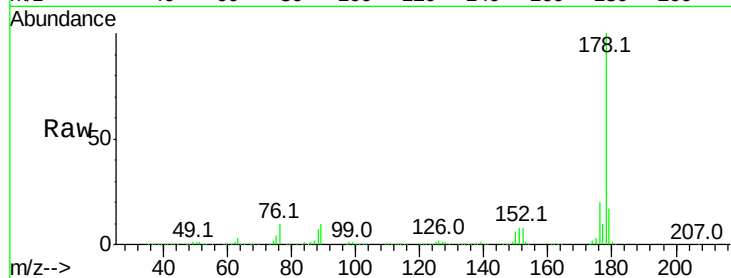
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1994248  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.4  | 16.8  | 25.2  |
| 179 | 16.6  | 13.4  | 20.2  |

Manual Integrations  
 APPROVED

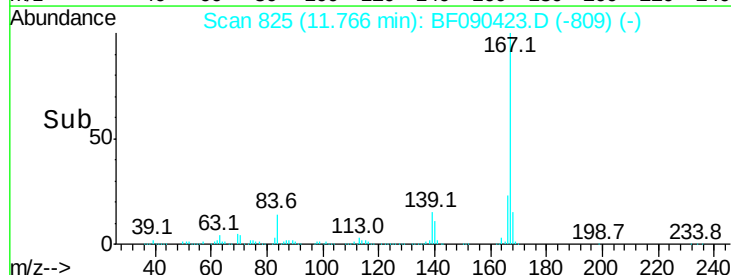
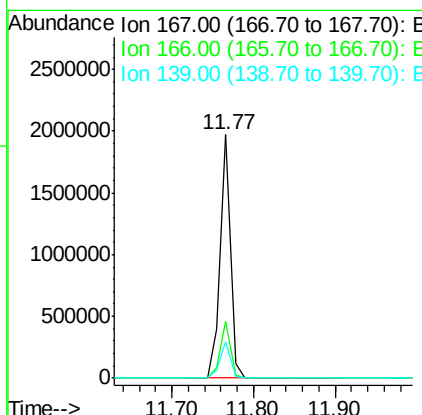
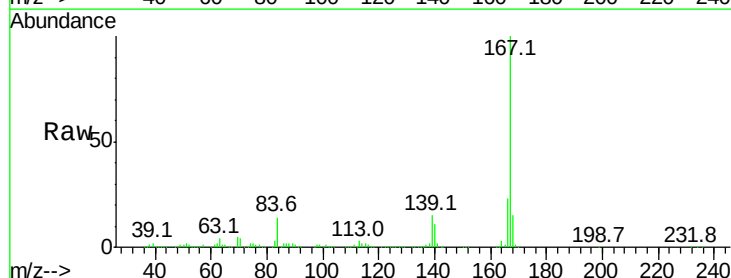
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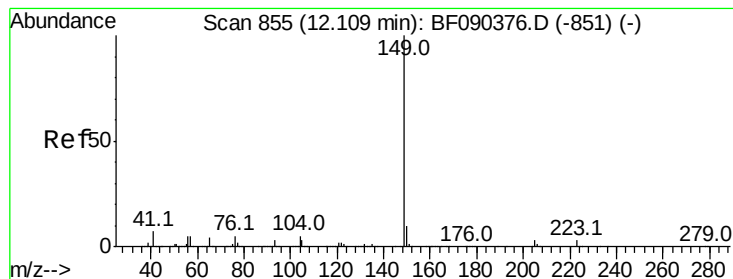
#72  
 Carbazole  
 Concen: 39.19 ng  
 RT: 11.77 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Tgt Ion:167 Resp: 1721577  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.3  | 19.1  | 28.7  |
| 139 | 15.1  | 12.1  | 18.1  |







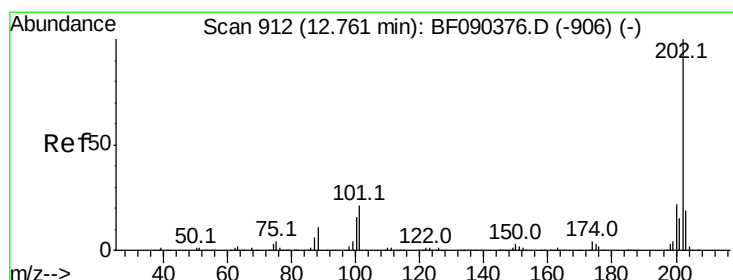
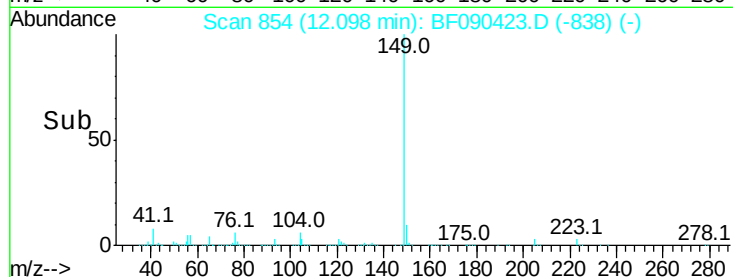
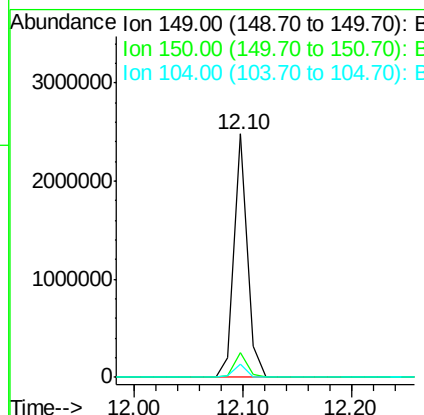
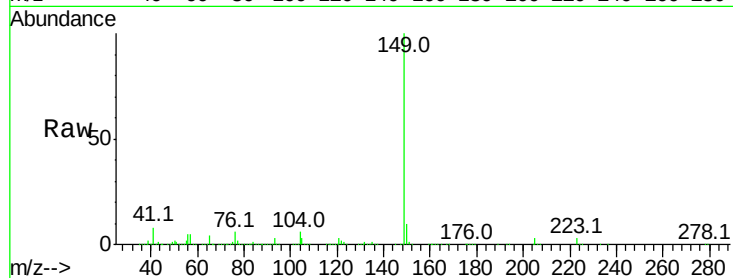
#73  
Di-n-butylphthalate  
Concen: 38.46 ng  
RT: 12.10 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 2056038  
Ion Ratio Lower Upper  
149 100  
150 10.3 8.6 12.8  
104 5.5 4.7 7.1

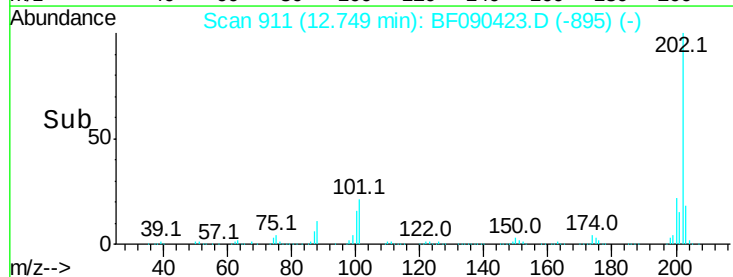
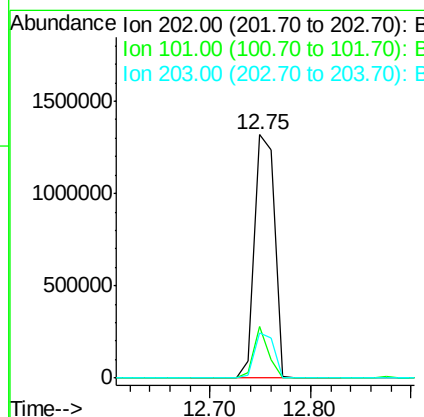
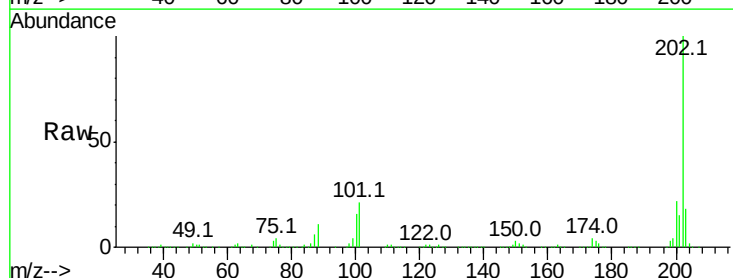
Manual Integrations  
APPROVED

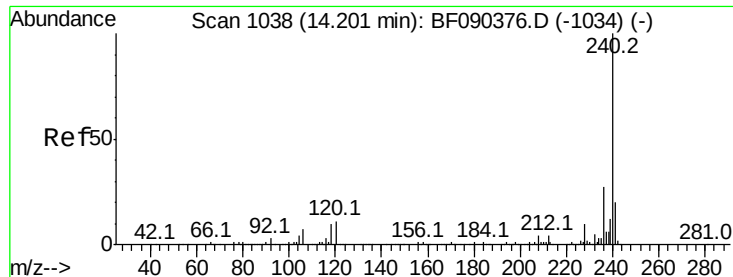
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10/7/2016 7:02:50 PM



#74  
Fluoranthene  
Concen: 40.27 ng  
RT: 12.75 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion:202 Resp: 1828944  
Ion Ratio Lower Upper  
202 100  
101 21.3 0.0 37.2  
203 18.4 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

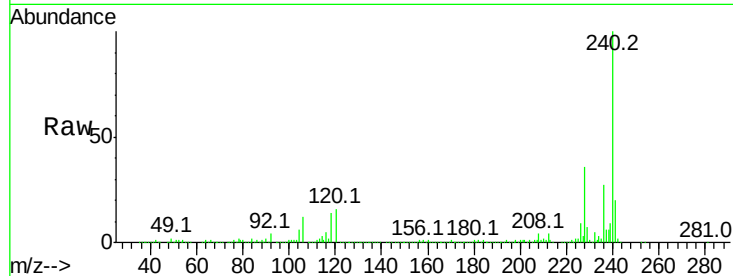
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.1  | 8.6   | 13.0# |
| 236     | 27.2  | 21.6  | 32.4  |

Manual Integrations  
APPROVED

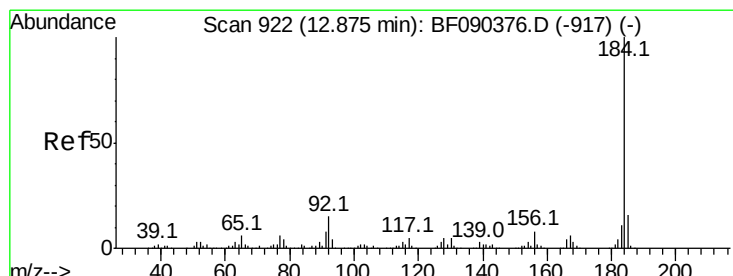
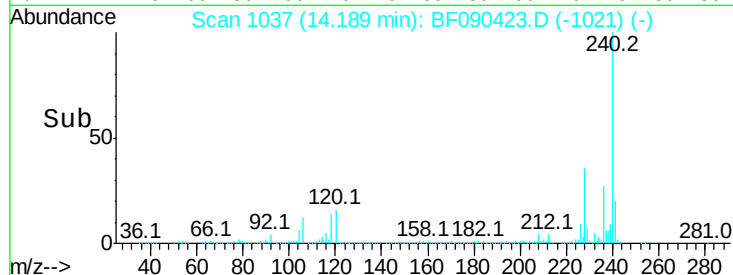
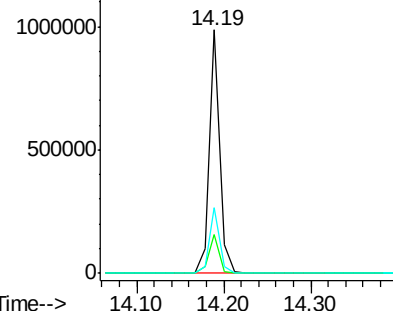
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.10 ng

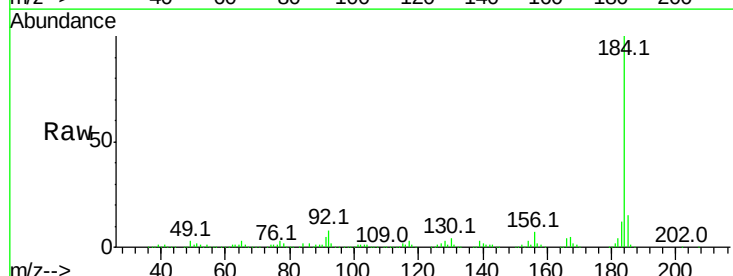
RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

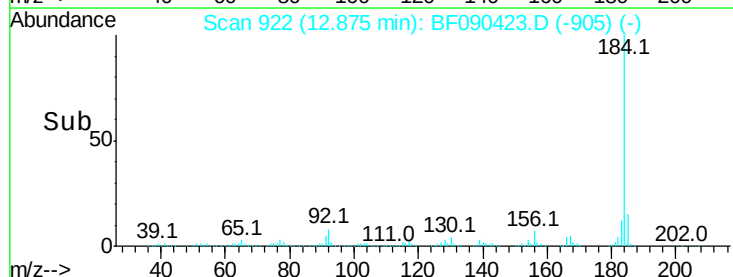
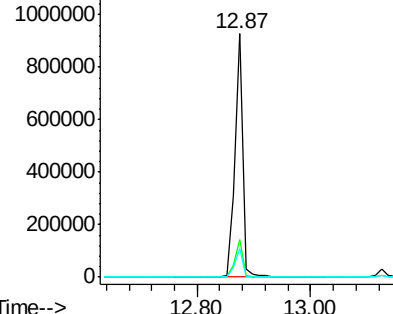
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.2  | 11.8  | 17.8  |
| 183     | 11.8  | 9.6   | 14.4  |

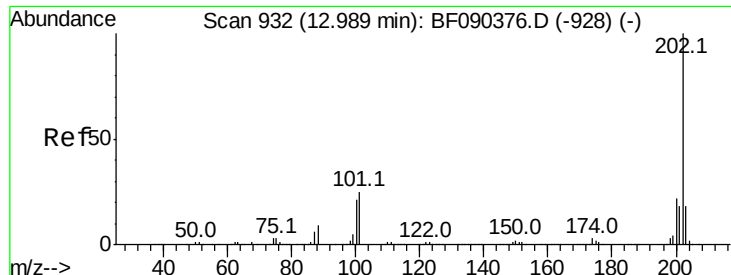


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.16 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

Tot Ion:202 Resp: 2066573

Ion Ratio Lower Upper

202 100

200 22.8 18.5 27.7

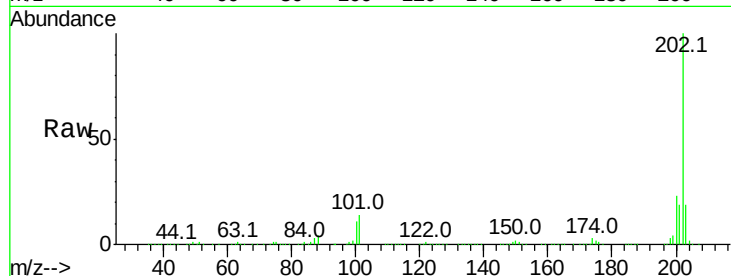
203 18.6 15.0 22.6

Manual Integrations

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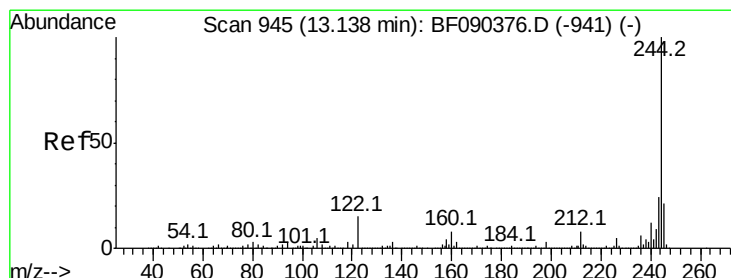
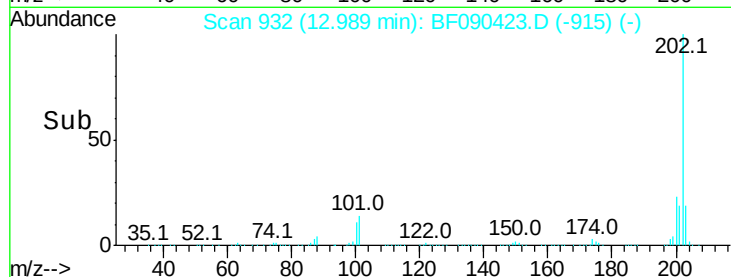
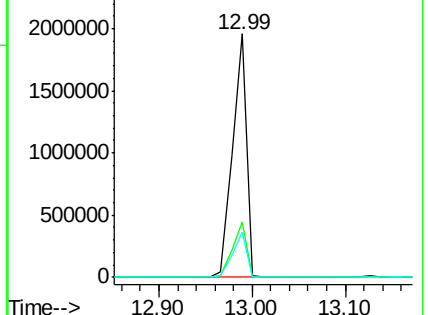
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.95 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090423.D

Acq: 6 Oct 2016 16:38

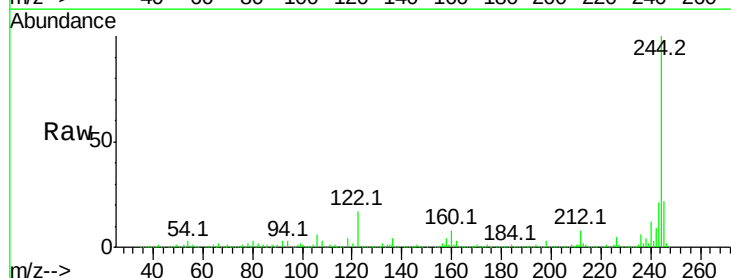
Tgt Ion:244 Resp: 2372655

Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

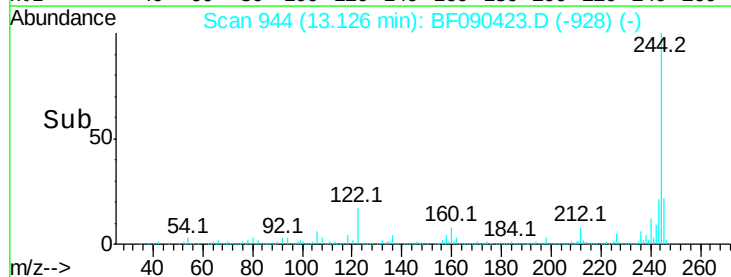
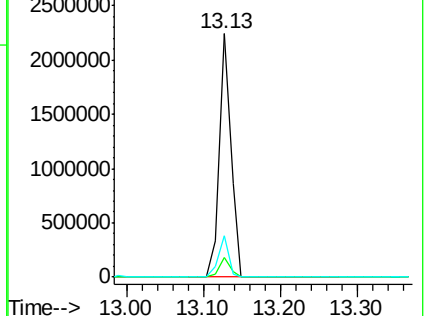
122 17.2 13.3 19.9

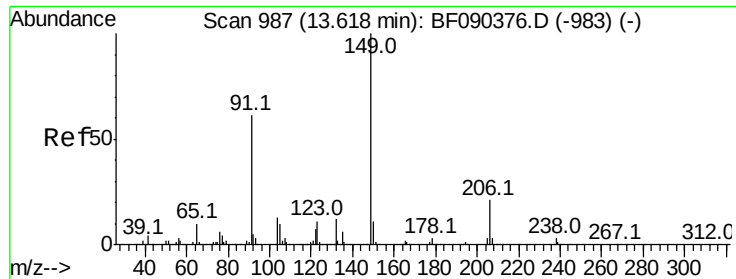


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





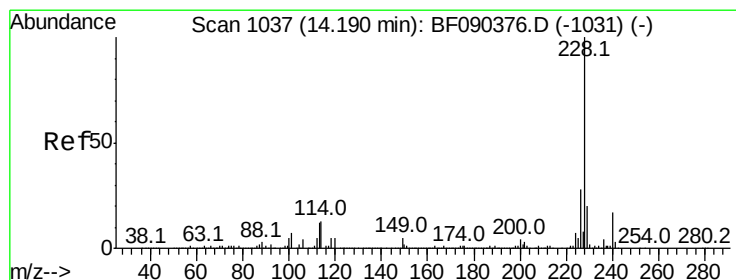
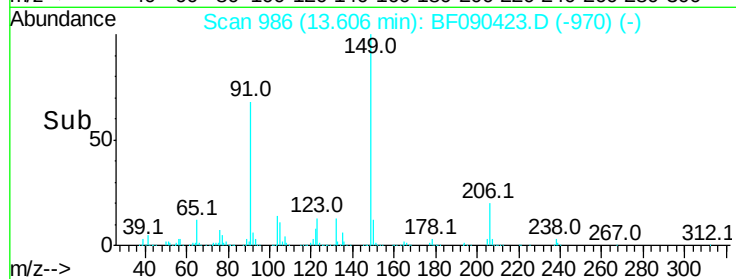
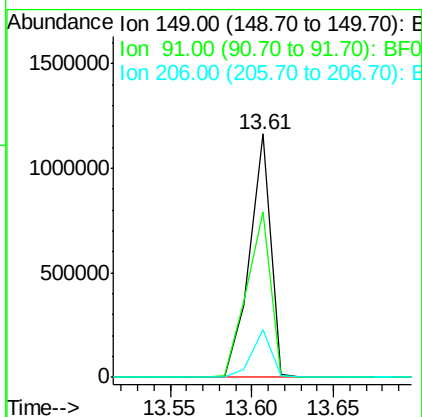
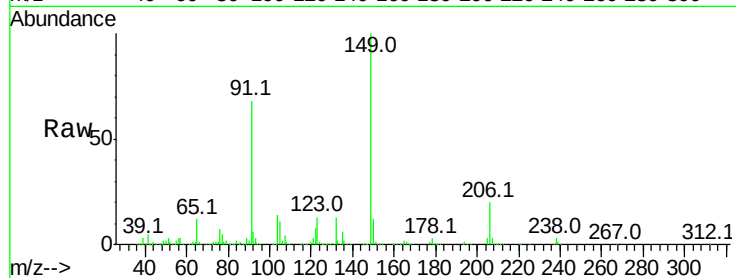
#79  
Butylbenzylphthalate  
Concen: 36.78 ng  
RT: 13.61 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.1  | 51.8  | 77.8  |
| 206     | 19.7  | 18.0  | 27.0  |

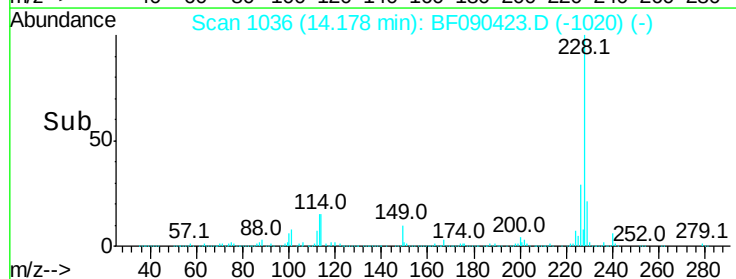
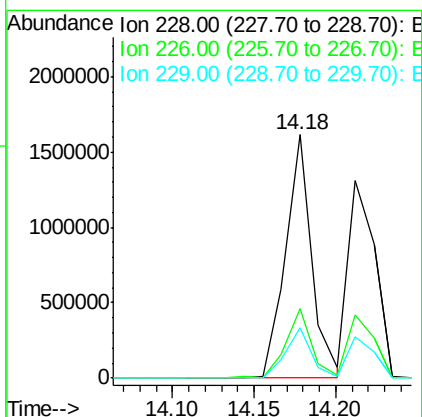
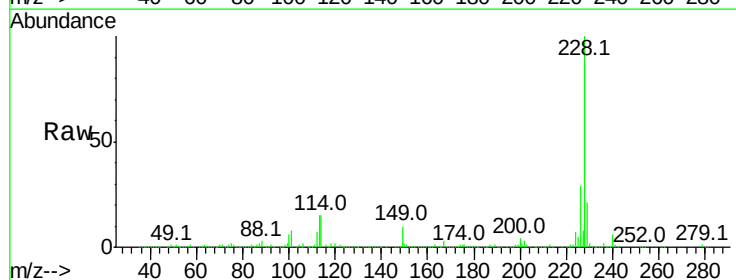
Manual Integrations  
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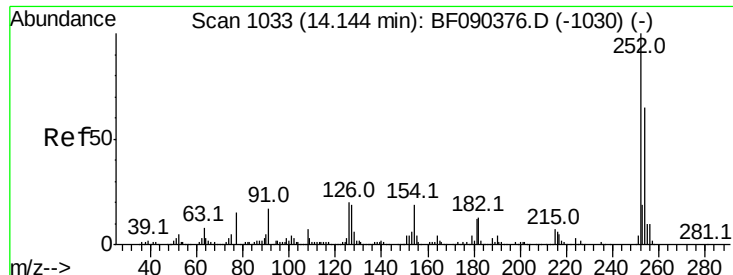
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#80  
Benzo(a)anthracene  
Concen: 38.77 ng  
RT: 14.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.7  | 23.6  | 35.4  |
| 229     | 20.9  | 16.6  | 25.0  |





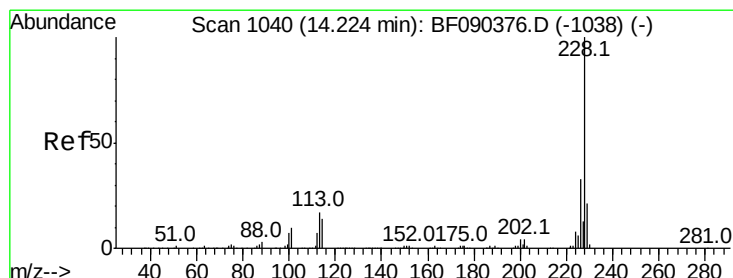
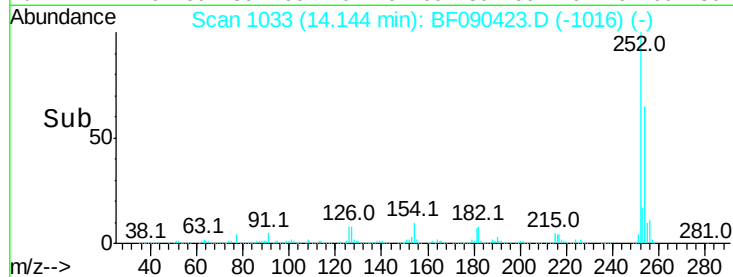
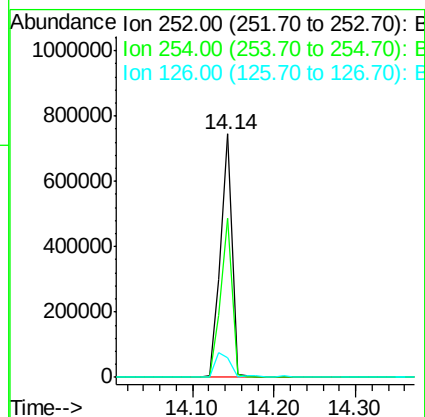
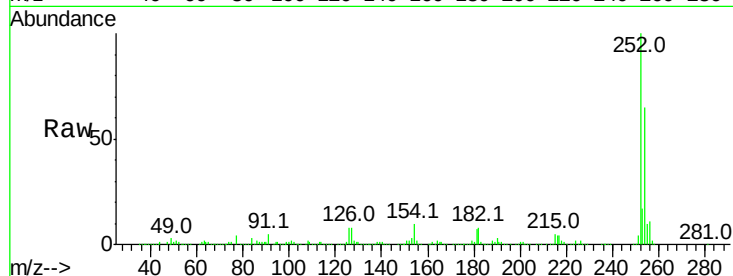
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.24 ng  
 RT: 14.14 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 52.1  | 78.1  |
| 126     | 8.2   | 4.2   | 6.4   |

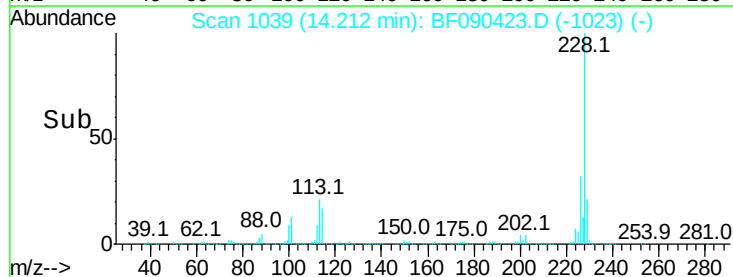
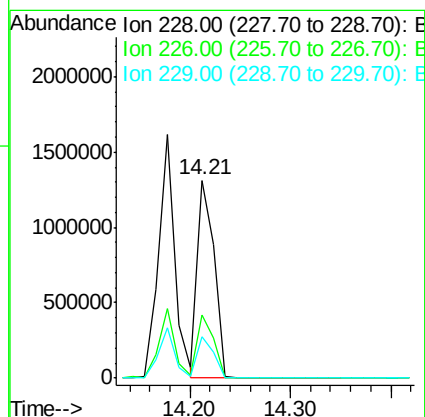
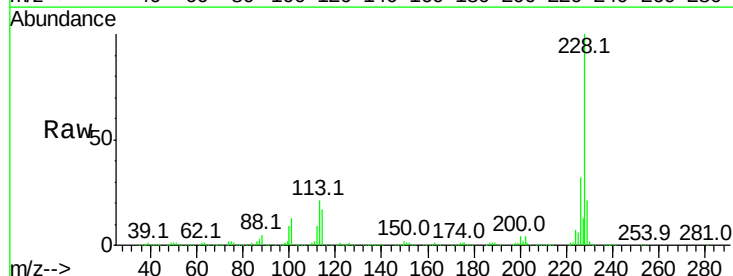
Manual Integrations  
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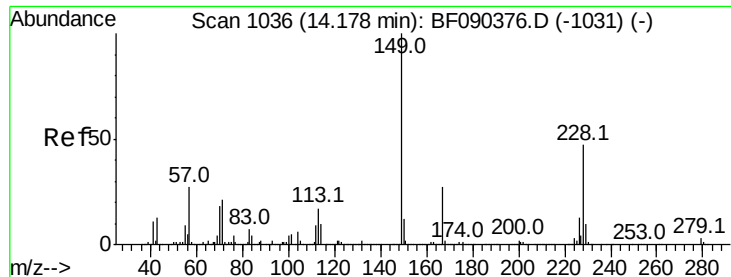
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#82  
 Chrysene  
 Concen: 35.41 ng  
 RT: 14.21 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.8  | 25.8  | 38.6  |
| 229     | 21.1  | 16.9  | 25.3  |





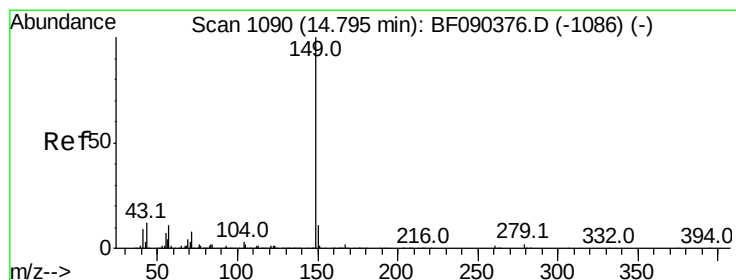
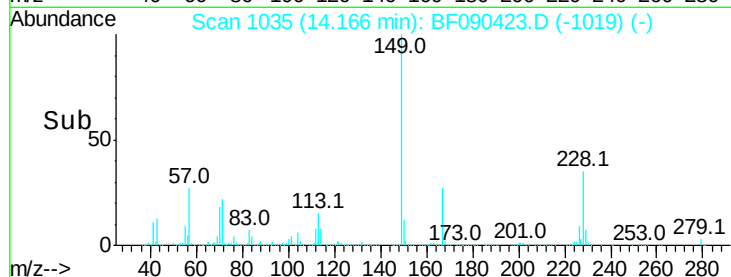
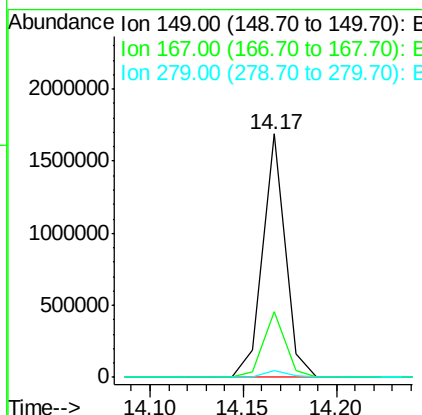
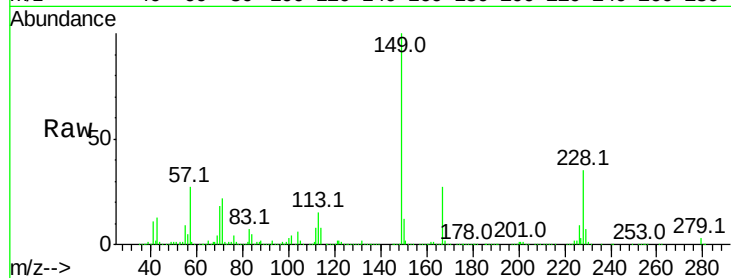
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 34.62 ng  
RT: 14.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 1404108  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.5 32.3  
279 2.6 2.6 3.8

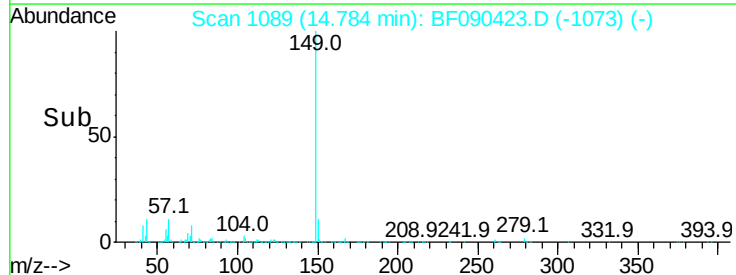
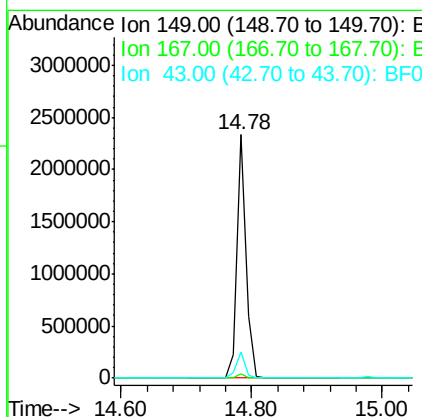
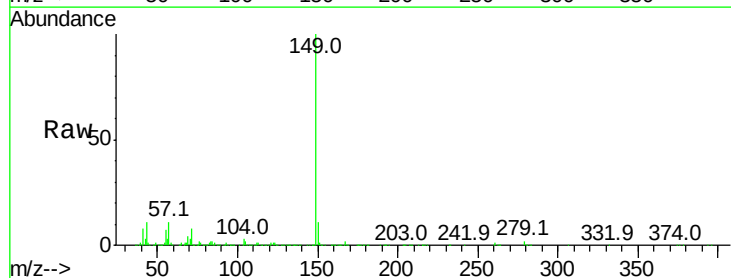
Manual Integrations  
APPROVED

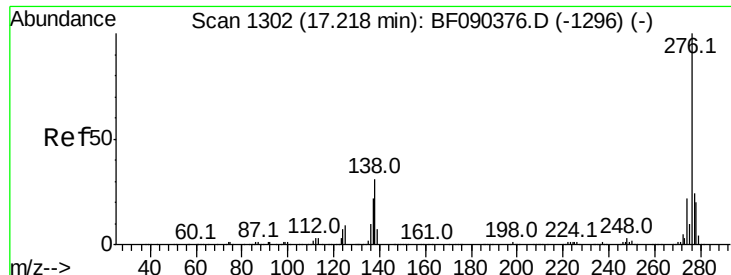
sohil  
10/7/2016 7:02:50 PM



#84  
Di-n-octyl phthalate  
Concen: 36.31 ng  
RT: 14.78 min Scan# 1089  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion:149 Resp: 2183708  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.9 11.8 17.8#





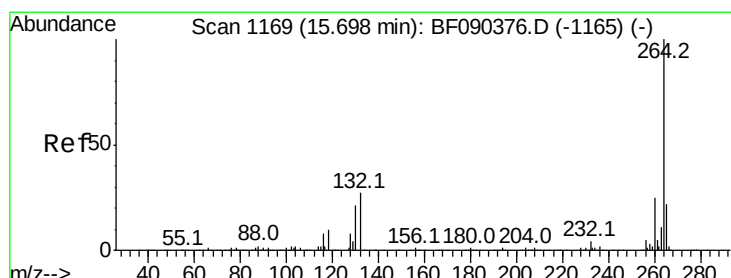
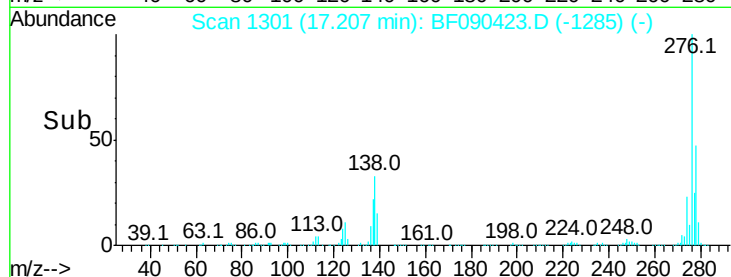
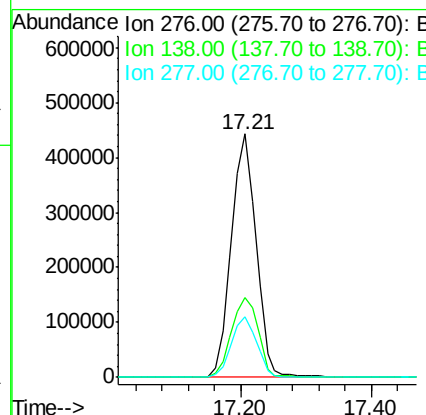
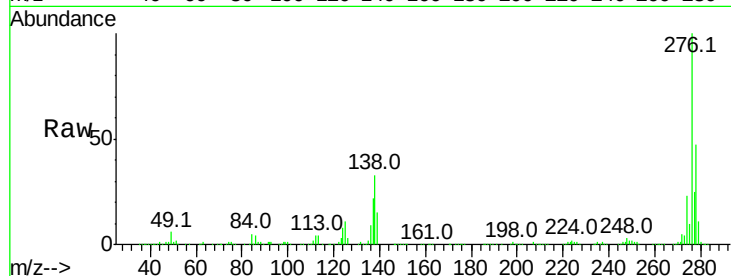
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.01 ng  
RT: 17.21 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.6  | 23.8  | 35.8  |
| 277     | 25.3  | 20.4  | 30.6  |

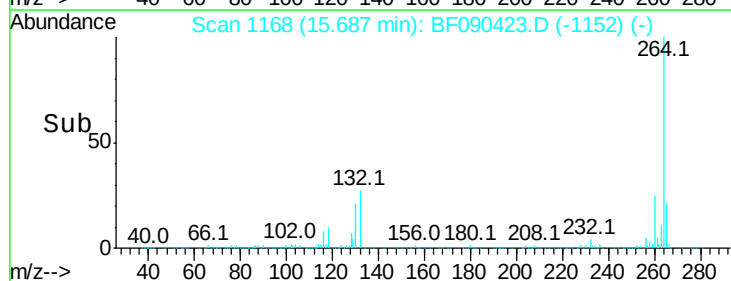
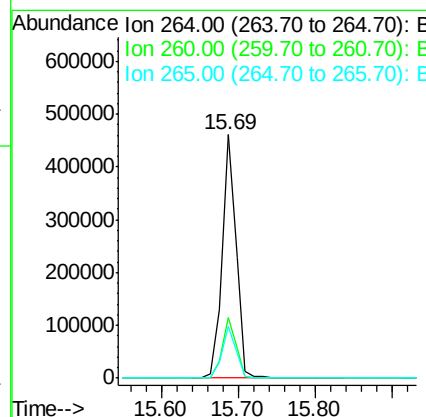
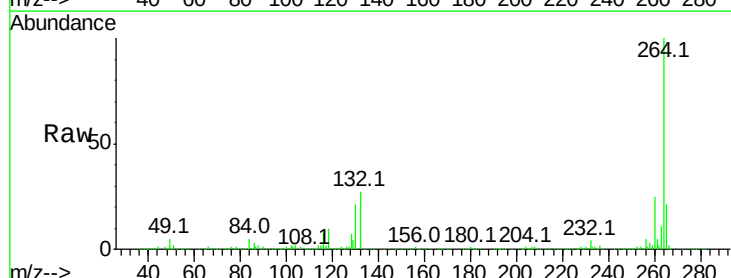
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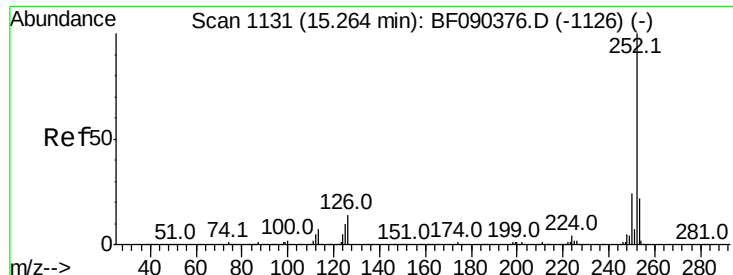
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.69 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.3  | 28.9  |
| 265     | 21.5  | 17.4  | 26.0  |





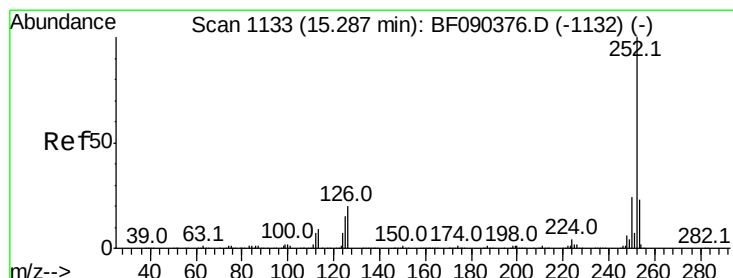
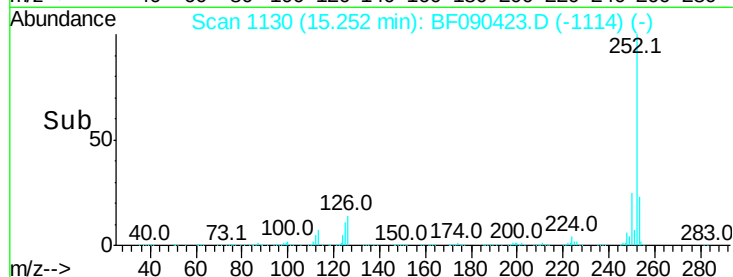
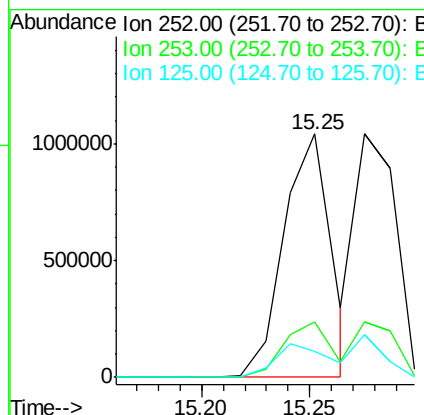
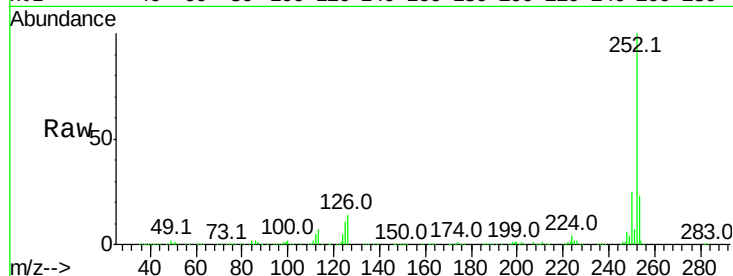
#87  
Benzo(b)fluoranthene  
Concen: 42.27 ng  
RT: 15.25 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 10.7  | 7.0   | 10.4  |

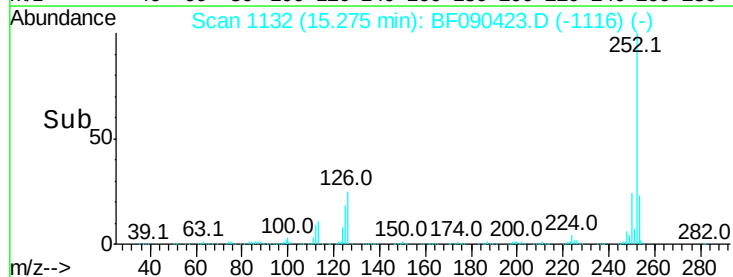
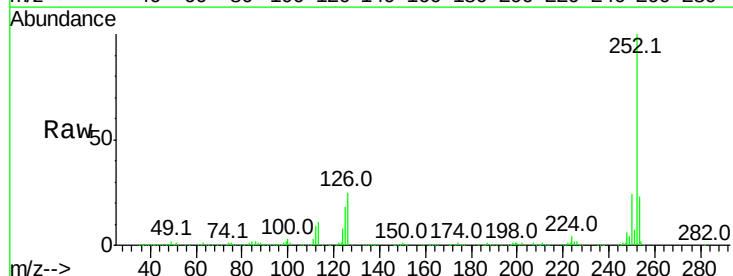
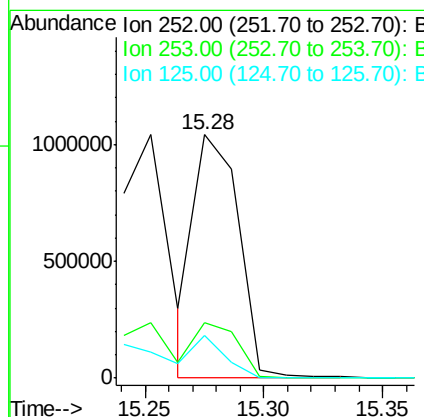
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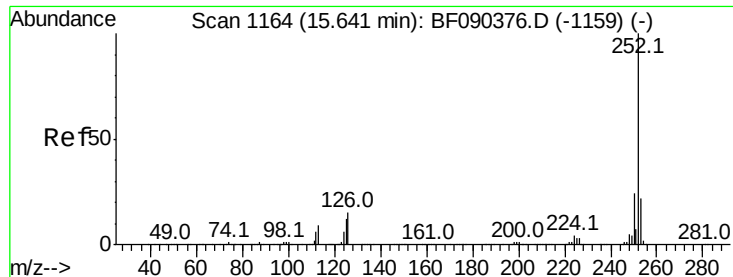


#88  
Benzo(k)fluoranthene  
Concen: 39.15 ng m  
RT: 15.28 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.6  | 27.8  |
| 125     | 17.5  | 11.7  | 17.5  |







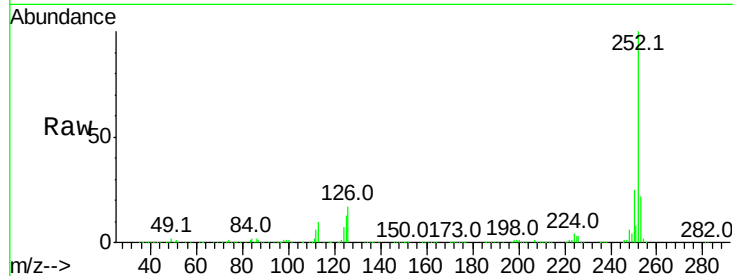
#89  
Benzo(a)pyrene  
Concen: 41.27 ng  
RT: 15.63 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

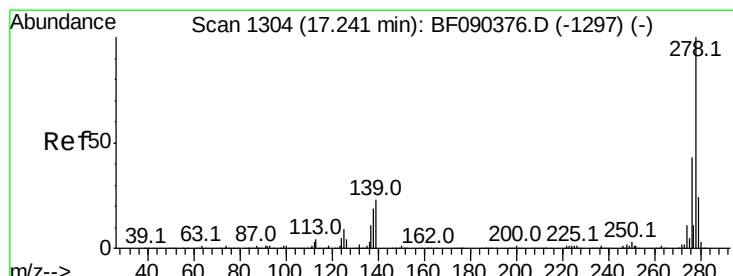
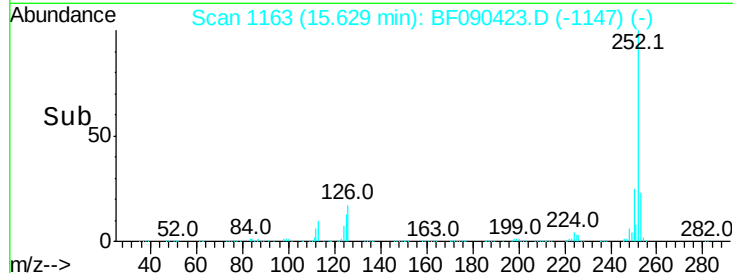
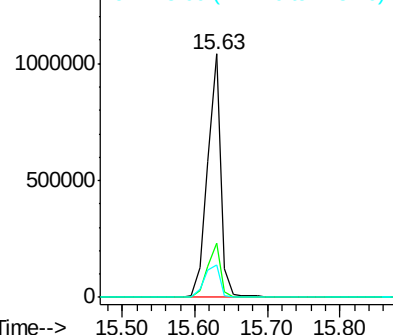
Tot Ion:252 Resp: 1320689  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.4  
125 13.4 9.8 14.8

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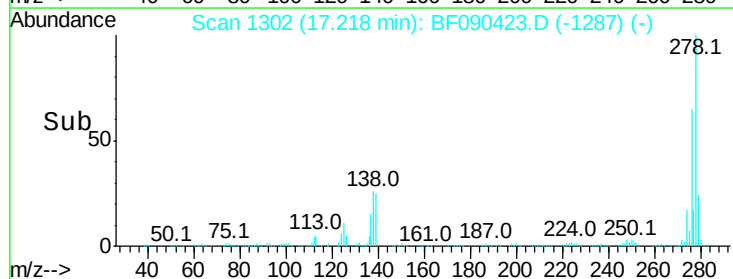
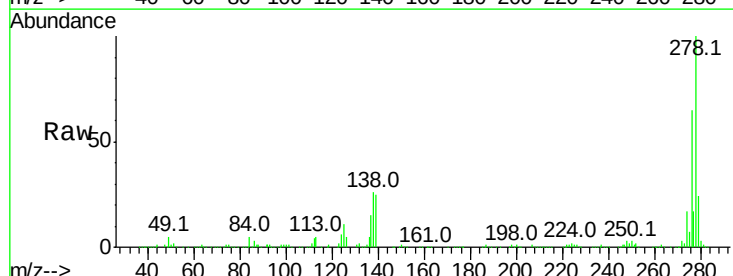
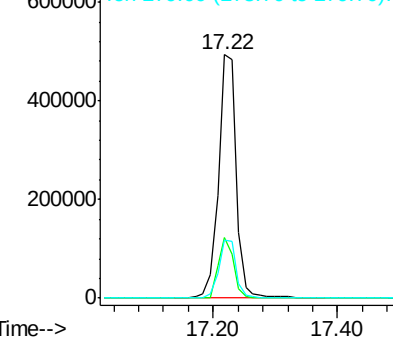
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

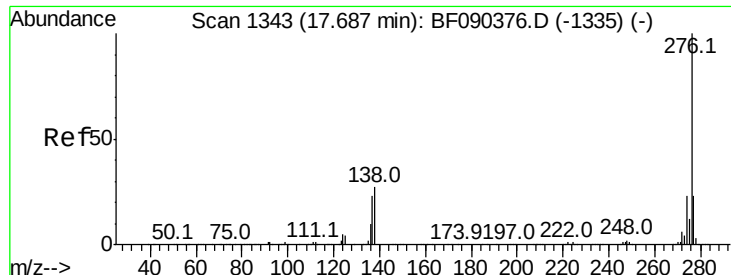


#90  
Dibenzo(a,h)anthracene  
Concen: 36.21 ng  
RT: 17.22 min Scan# 1302  
Delta R.T. -0.02 min  
Lab File: BF090423.D  
Acq: 6 Oct 2016 16:38

Tgt Ion:278 Resp: 985813  
Ion Ratio Lower Upper  
278 100  
139 24.6 12.8 19.2#  
279 23.9 19.6 29.4

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 34.36 ng  
 RT: 17.66 min Scan# 1341  
 Delta R.T. -0.02 min  
 Lab File: BF090423.D  
 Acq: 6 Oct 2016 16:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 897649 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.7  | 19.4  | 29.0   |
| 138       | 29.0  | 20.8  | 31.2   |

Manual Integrations  
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