

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\  
 Data File : BF092016.D  
 Acq On : 29 Dec 2016 11:05  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 29 12:30:07 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 17:32:10 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 192283   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.98  | 136  | 824867   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.73  | 164  | 429058   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.21 | 188  | 696435   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.85 | 240  | 545531   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.23 | 264  | 499119   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 842249  | 73.14 | ng | -0.02 |
| 7) Phenol-d6             | 6.36  | 99  | 1016682 | 72.31 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 1065627 | 71.84 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 267415  | 75.31 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.06  | 172 | 1713552 | 81.26 | ng | -0.02 |
| 78) Terphenyl-d14        | 12.80 | 244 | 1597566 | 71.02 | ng | -0.02 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.17 | 88  | 219391  | 38.70 | ng | 99     |
| 3) Pyridine                    | 2.84 | 79  | 683045  | 34.52 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.81 | 42  | 288022  | 38.59 | ng | 95     |
| 6) Aniline                     | 6.36 | 93  | 673362  | 36.87 | ng | # 53   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 517455  | 39.50 | ng | 95     |
| 9) Benzaldehyde                | 6.24 | 77  | 308522  | 37.65 | ng | 95     |
| 10) Phenol                     | 6.37 | 94  | 594253  | 37.09 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 523645  | 41.08 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.72 | 146 | 558752  | 39.96 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 558752  | 39.26 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 489338  | 39.62 | ng | 97     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 408831  | 37.42 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 747334  | 39.37 | ng | # 4    |
| 17) 2-Methylphenol             | 6.98 | 107 | 395767  | 37.57 | ng | # 90   |
| 18) Hexachloroethane           | 7.21 | 117 | 210608  | 39.91 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 409553  | 43.79 | ng | # 90   |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 562011  | 44.73 | ng | # 74   |
| 22) Acetophenone               | 7.12 | 105 | 785111  | 38.59 | ng | # 93   |
| 24) Nitrobenzene               | 7.29 | 77  | 622609  | 39.41 | ng | 96     |
| 25) Isophorone                 | 7.53 | 82  | 992011  | 36.25 | ng | 95     |
| 26) 2-Nitrophenol              | 7.61 | 139 | 297517  | 38.18 | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 439367  | 34.00 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 616192  | 37.13 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.86 | 162 | 414220  | 37.85 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 449690  | 37.50 | ng | 96     |
| 31) Naphthalene                | 8.01 | 128 | 1541755 | 40.84 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 347957  | 36.30 | ng | 98     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 619578  | 36.40 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 237749  | 37.56 | ng | 99     |
| 35) Caprolactam                | 8.44 | 113 | 134882  | 37.51 | ng | # 57   |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 480680  | 38.17 | ng | 88     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 898725  | 36.85 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 432597  | 39.91 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237 | 183736  | 40.14 | ng | 98     |

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 Response via : Initial Calibration

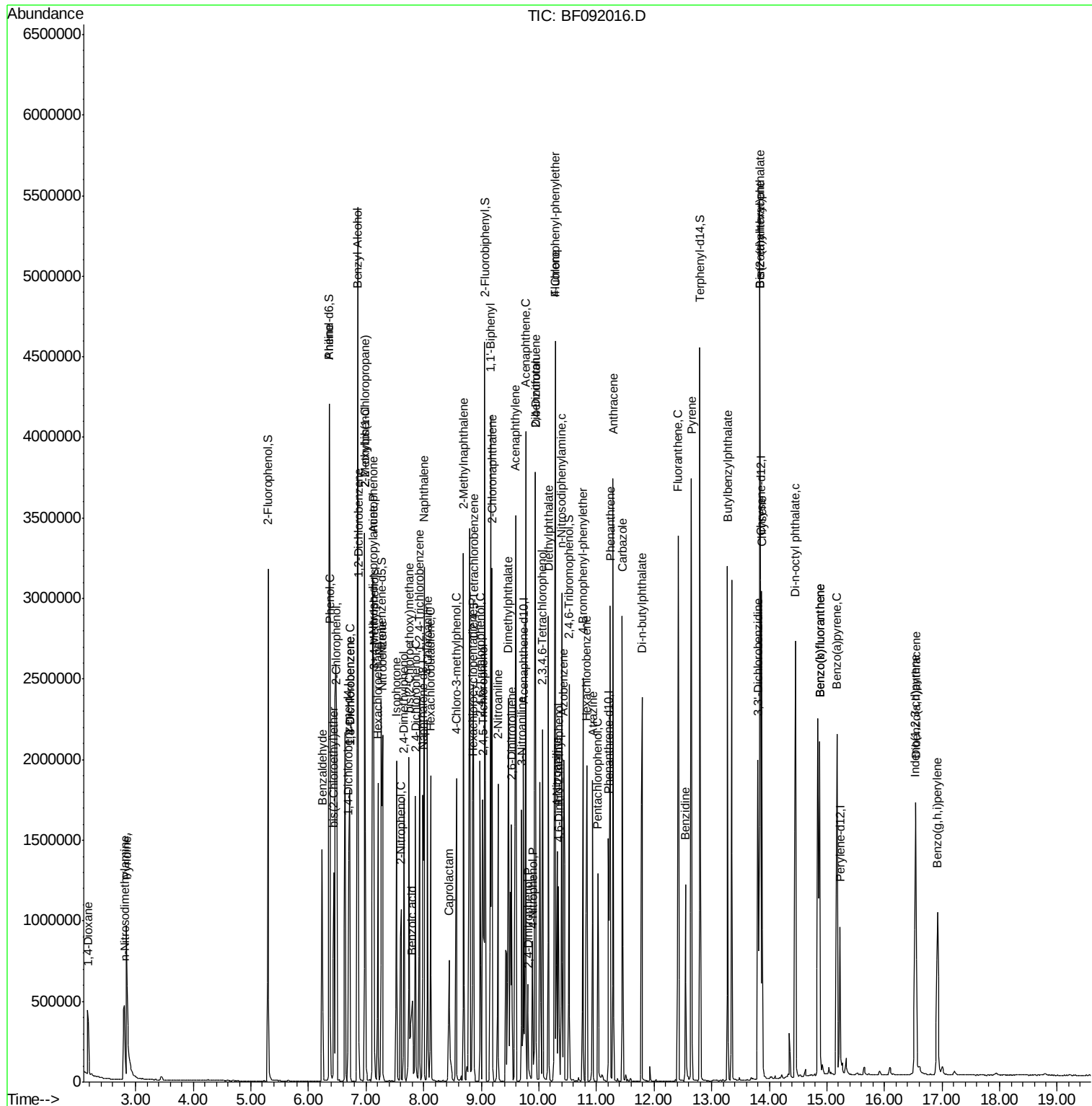
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 286047   | 37.73 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 300092   | 38.46 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 1198912  | 40.81 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.18  | 162  | 913723   | 39.27 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.29  | 65   | 314307   | 37.94 | nq    | 99       |
| 48) Acenaphthylene             | 9.60  | 152  | 1354897  | 37.87 | nq    | 99       |
| 49) Dimethylphthalate          | 9.47  | 163  | 1009924  | 36.80 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.53  | 165  | 217847   | 36.27 | nq    | # 59     |
| 51) Acenaphthene               | 9.77  | 154  | 937465   | 38.65 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.70  | 138  | 251604   | 33.85 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 9.81  | 184  | 121701   | 36.42 | nq    | 94       |
| 54) Dibenzofuran               | 9.94  | 168  | 1102521  | 33.66 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.89  | 139  | 204890   | 40.60 | nq    | # 70     |
| 56) 2,4-Dinitrotoluene         | 9.94  | 165  | 304023   | 40.33 | nq    | 88       |
| 57) Fluorene                   | 10.28 | 166  | 958250   | 40.21 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 237500   | 38.49 | nq    | 95       |
| 59) Diethylphthalate           | 10.17 | 149  | 1097199  | 41.17 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 417065   | 39.96 | nq    | # 76     |
| 61) 4-Nitroaniline             | 10.32 | 138  | 284565   | 36.94 | nq    | 97       |
| 62) Azobenzene                 | 10.43 | 77   | 1095949  | 37.35 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 170288   | 40.44 | nq    | # 37     |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 781800   | 37.83 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 270269   | 37.31 | nq    | 96       |
| 67) Hexachlorobenzene          | 10.83 | 284  | 312030   | 40.30 | nq    | 95       |
| 68) Atrazine                   | 10.93 | 200  | 251885   | 37.79 | nq    | 97       |
| 69) Pentachlorophenol          | 11.02 | 266  | 152693   | 40.19 | nq    | 97       |
| 70) Phenanthrene               | 11.24 | 178  | 1499244  | 39.70 | nq    | 98       |
| 71) Anthracene                 | 11.29 | 178  | 1373751  | 39.30 | nq    | 99       |
| 72) Carbazole                  | 11.45 | 167  | 1246780  | 37.23 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.79 | 149  | 1665903  | 46.71 | nq    | # 97     |
| 74) Fluoranthene               | 12.42 | 202  | 1384676  | 41.50 | nq    | 98       |
| 76) Benzidine                  | 12.54 | 184  | 566193   | 39.64 | nq    | 97       |
| 77) Pyrene                     | 12.65 | 202  | 1483429  | 37.06 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.28 | 149  | 681831   | 37.45 | nq    | 96       |
| 80) Benzo(a)anthracene         | 13.84 | 228  | 1267810  | 41.17 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 456142   | 39.06 | nq    | 97       |
| 82) Chrysene                   | 13.87 | 228  | 1072427  | 34.72 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 809253   | 37.75 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.45 | 149  | 1544217  | 38.88 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.53 | 276  | 943369   | 35.25 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.88 | 252  | 2232907  | 71.86 | nq    | # 94     |
| 88) Benzo(k)fluoranthene       | 14.88 | 252  | 2233517  | 84.29 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 15.17 | 252  | 1030235  | 37.35 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.55 | 278  | 804605   | 35.49 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.92 | 276  | 800857   | 33.97 | nq    | 97       |

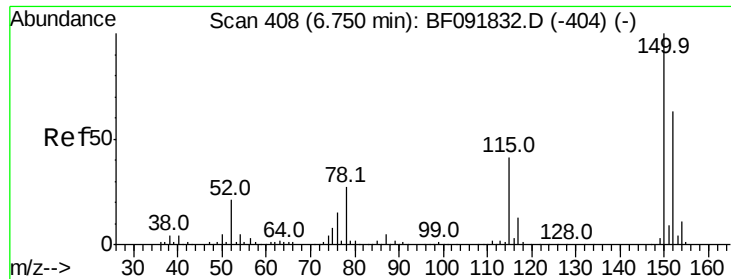
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

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BNA\_F  
**ClientSampleId :**  
SSTDCCC040

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QLast Update : Wed Dec 28 17:32:10 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

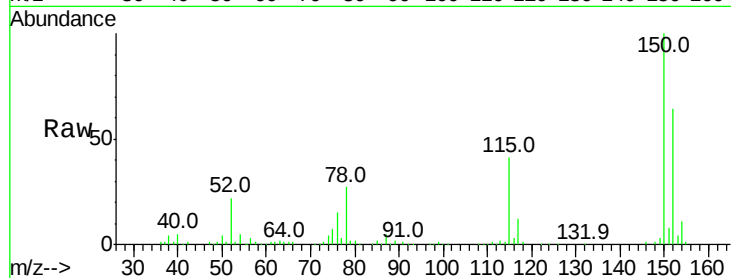
Tot Ion:152 Resp: 192283

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

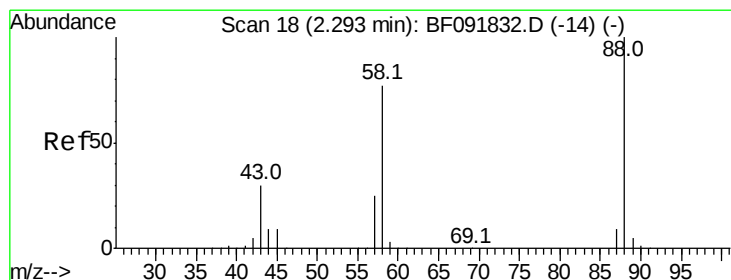
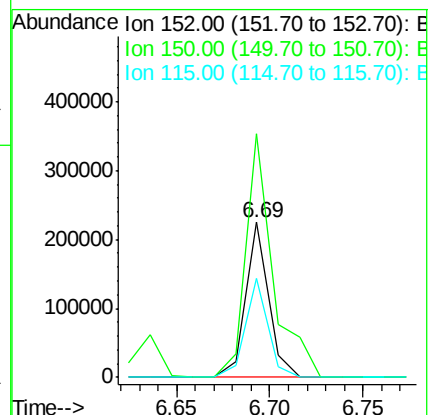
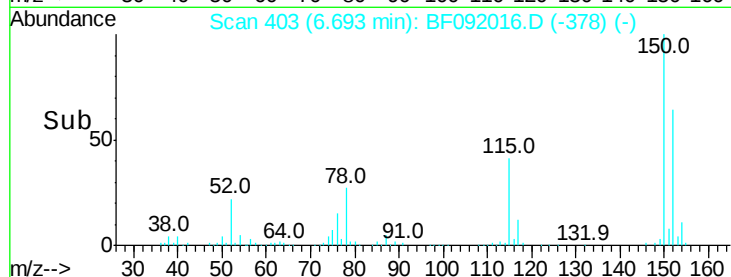
115 63.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.70 ng

RT: 2.17 min Scan# 7

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

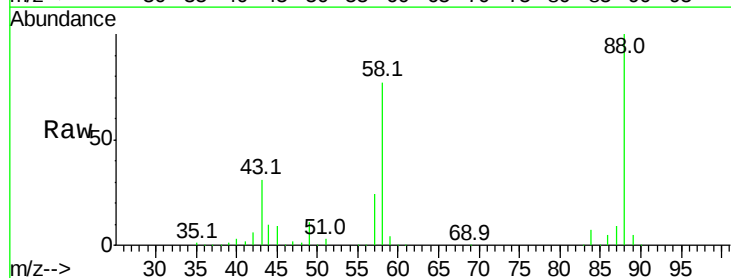
Tgt Ion: 88 Resp: 219391

Ion Ratio Lower Upper

88 100

58 73.4 57.8 86.8

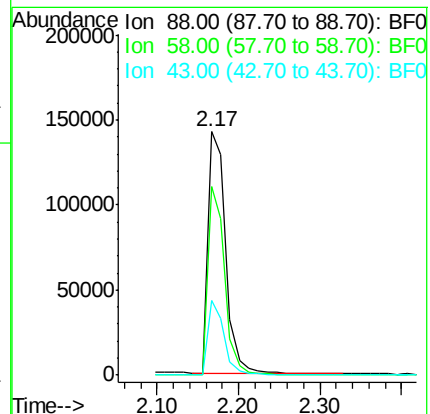
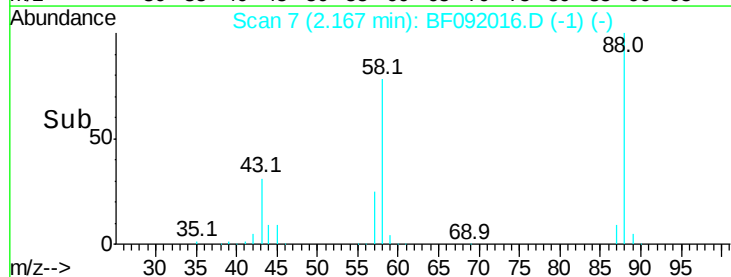
43 28.3 22.3 33.5

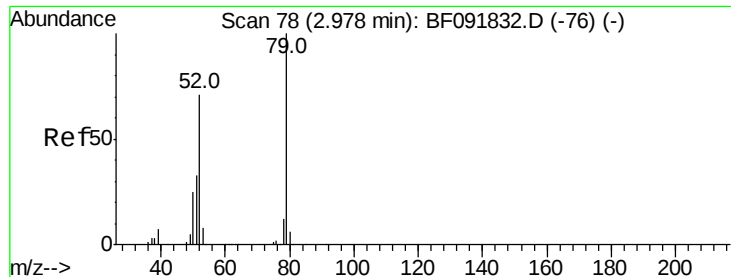


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

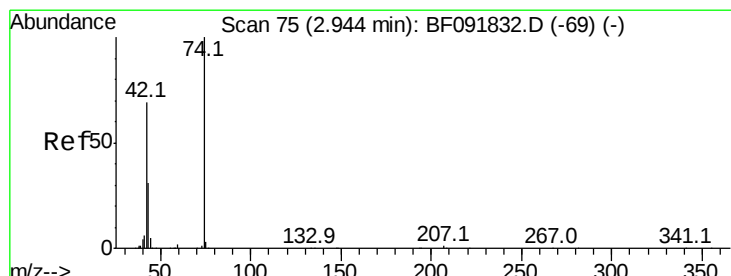
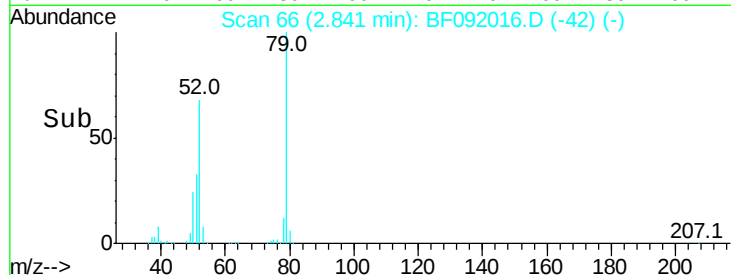
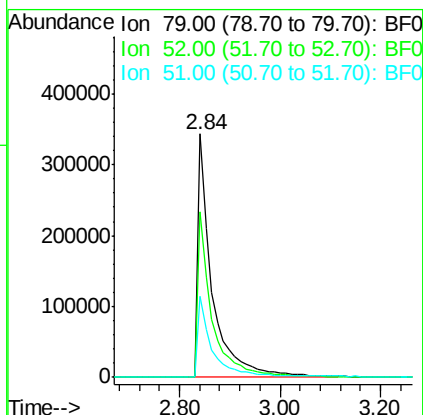
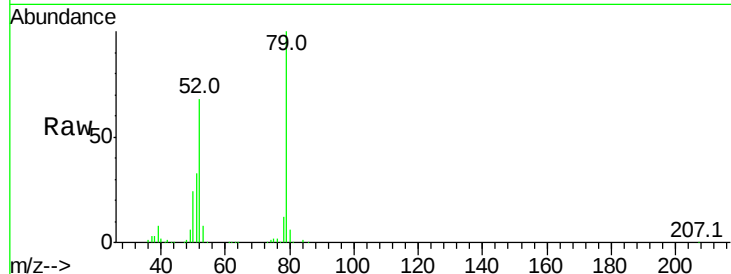




#3  
 Pvridine  
 Concen: 34.52 ng  
 RT: 2.84 min Scan# 66  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

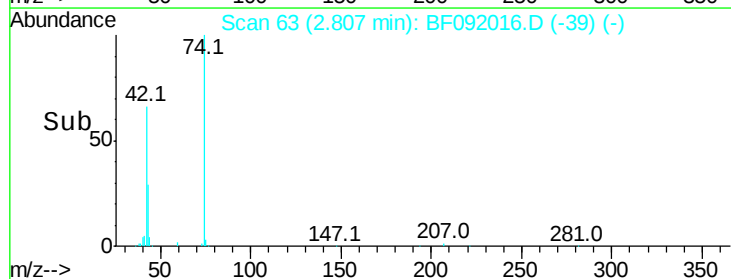
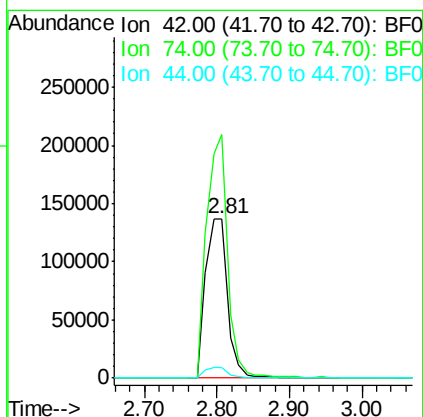
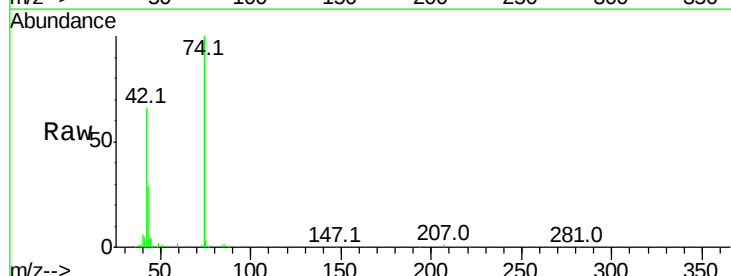
Instrument :  
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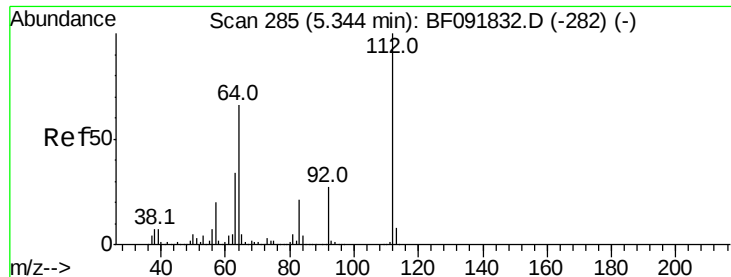
Tot Ion: 79 Resp: 683045  
 Ion Ratio Lower Upper  
 79 100  
 52 68.0 57.1 85.7  
 51 33.4 27.3 40.9



#4  
 n-Nitrosodimethylamine  
 Concen: 38.59 ng  
 RT: 2.81 min Scan# 63  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion: 42 Resp: 288022  
 Ion Ratio Lower Upper  
 42 100  
 74 152.6 117.0 175.4  
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 73.14 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

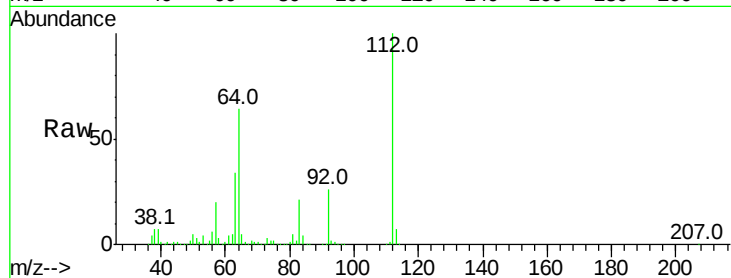
Tot Ion:112 Resp: 842249

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

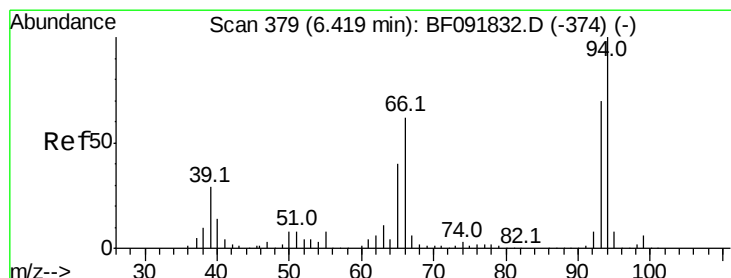
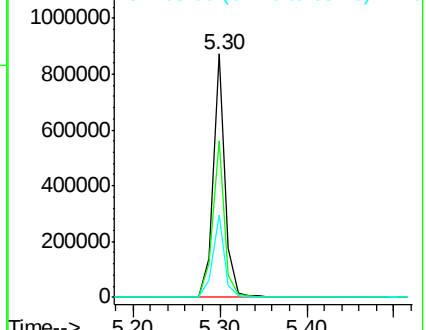
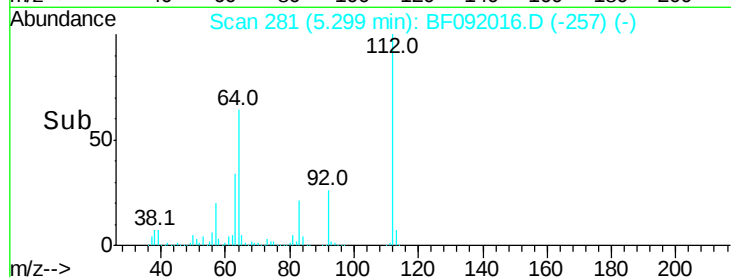
63 33.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.87 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

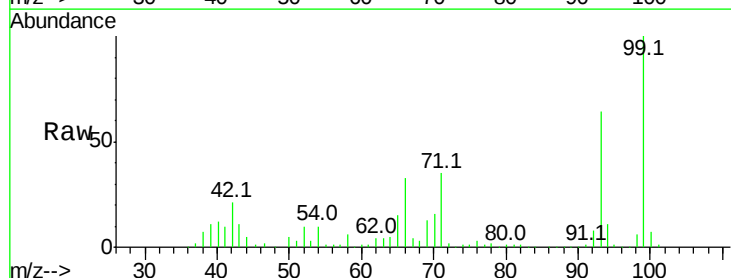
Tgt Ion: 93 Resp: 673362

Ion Ratio Lower Upper

93 100

66 50.8 76.2 114.2#

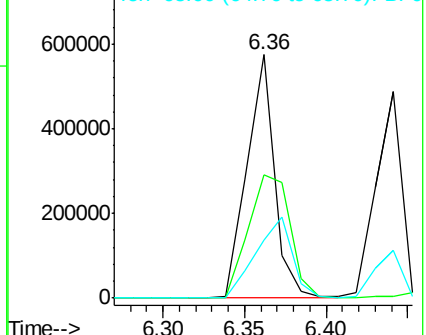
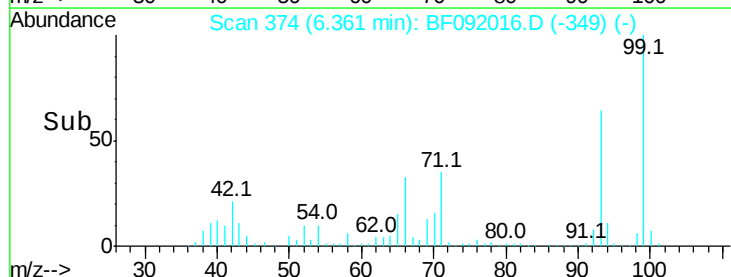
65 23.9 49.3 73.9#

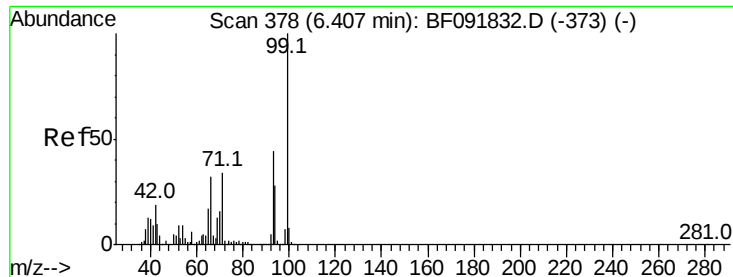


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.31 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

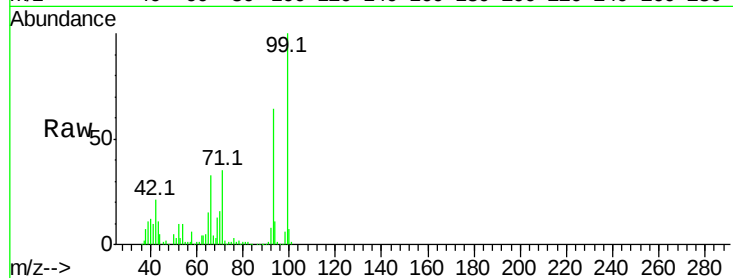
Tot Ion: 99 Resp: 1016682

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

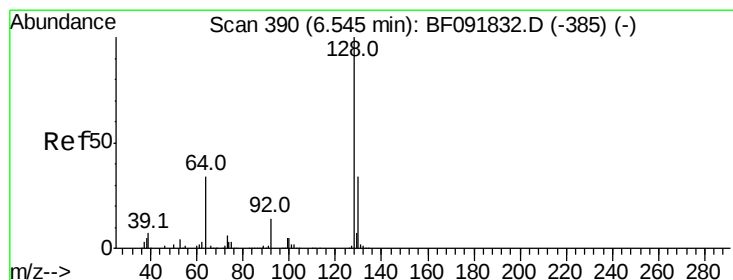
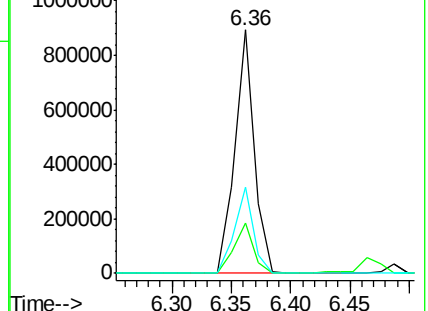
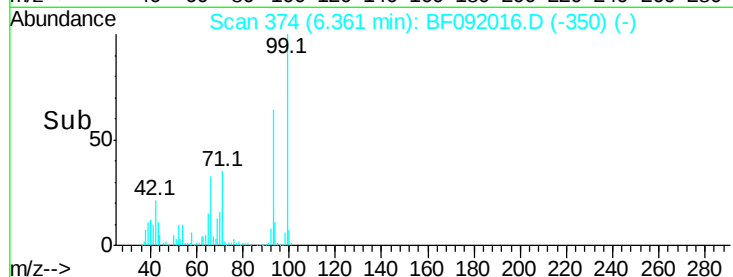
71 35.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.50 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF092016.D

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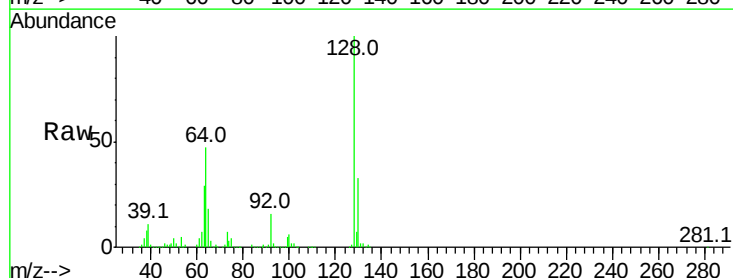
Tgt Ion: 128 Resp: 517455

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

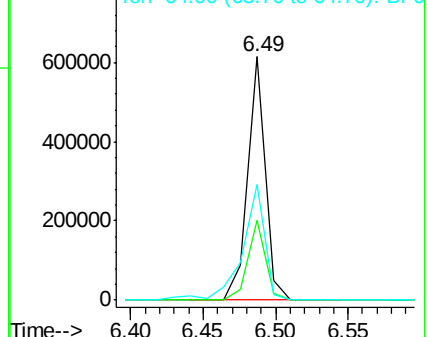
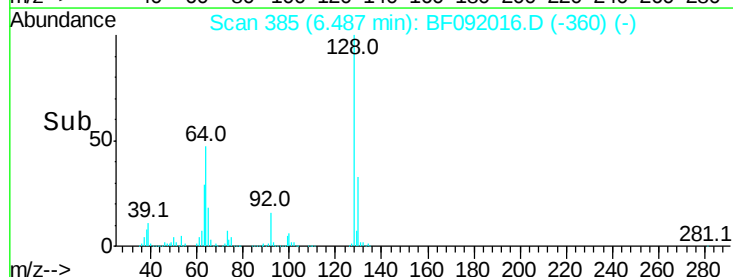
64 47.3 32.2 72.2

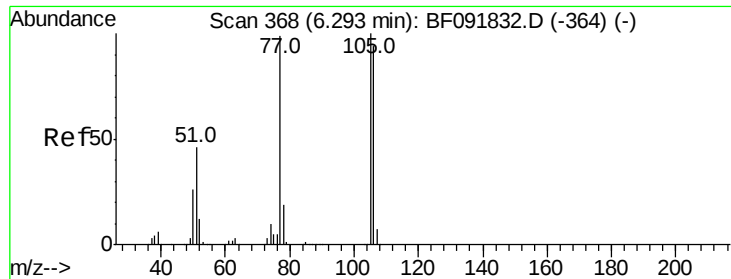


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.65 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

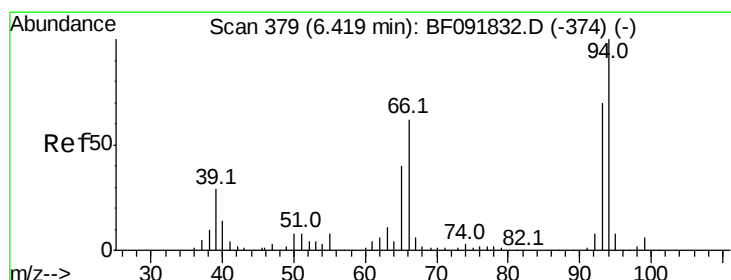
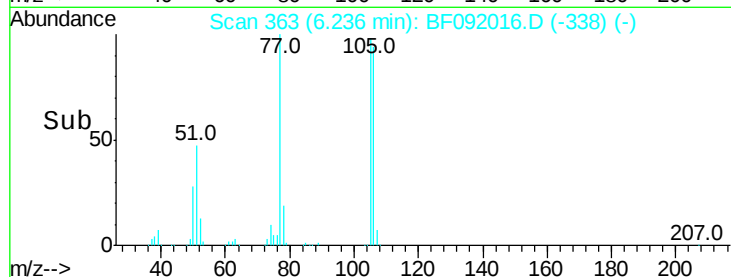
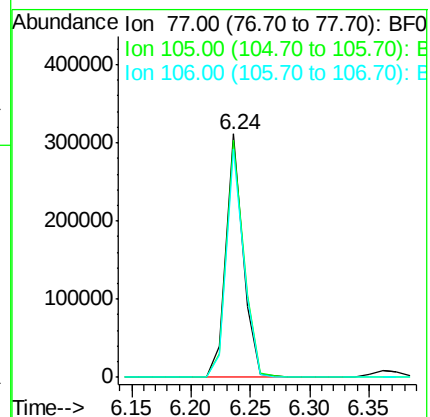
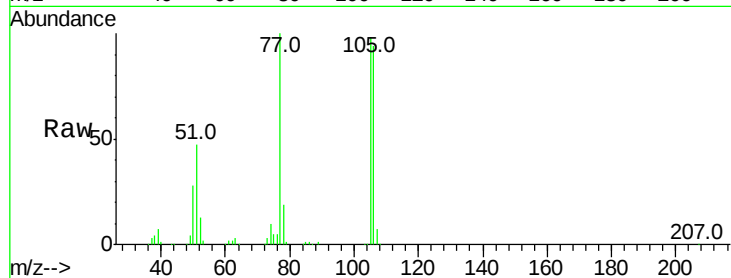
Tot Ion: 77 Resp: 308522

Ion Ratio Lower Upper

77 100

105 97.6 83.9 123.9

106 93.6 77.6 117.6



#10

Phenol

Concen: 37.09 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

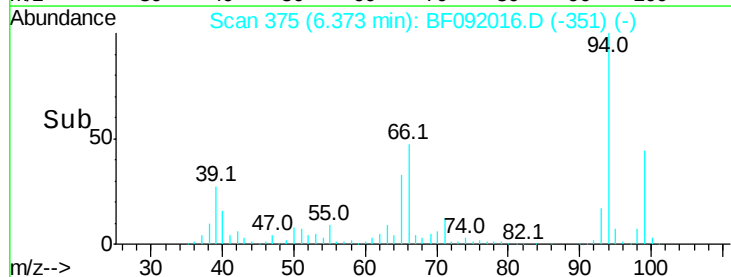
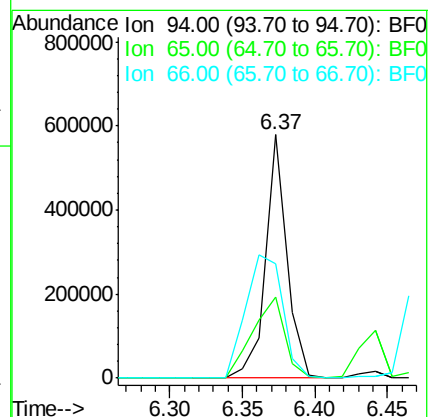
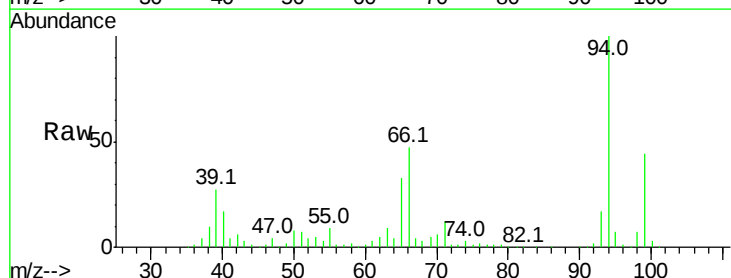
Tgt Ion: 94 Resp: 594253

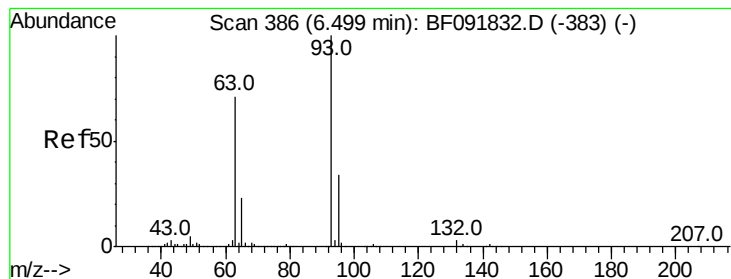
Ion Ratio Lower Upper

94 100

65 33.1 21.4 61.4

66 47.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 41.08 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

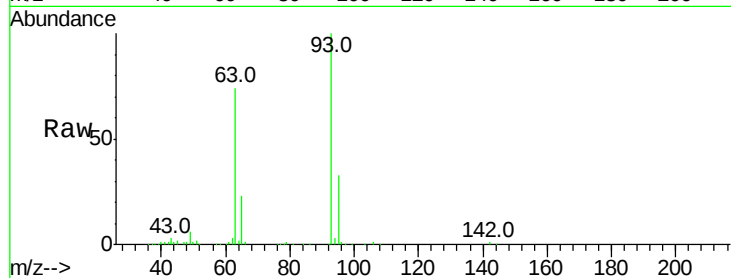
Tot Ion: 93 Resp: 523645

Ion Ratio Lower Upper

93 100

63 73.8 60.4 100.4

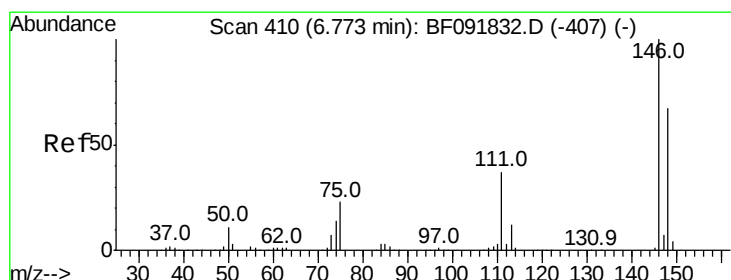
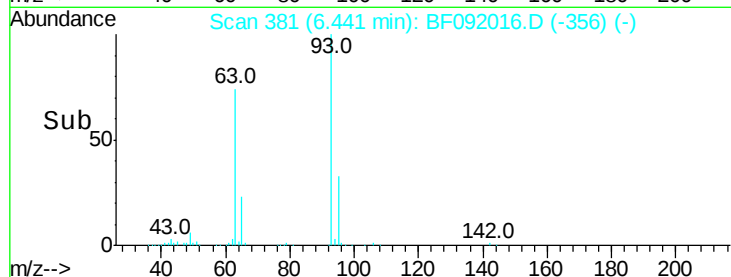
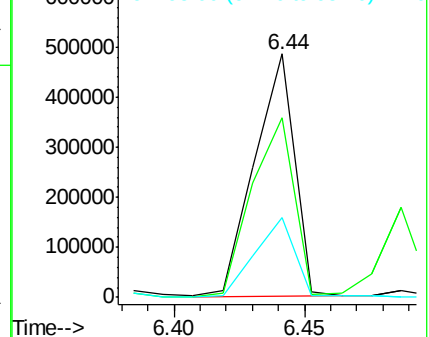
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.96 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.07 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

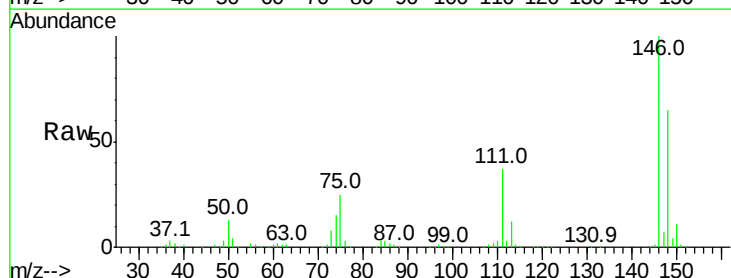
Tgt Ion: 146 Resp: 558752

Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

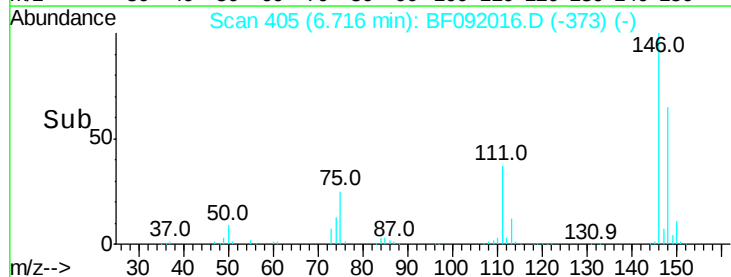
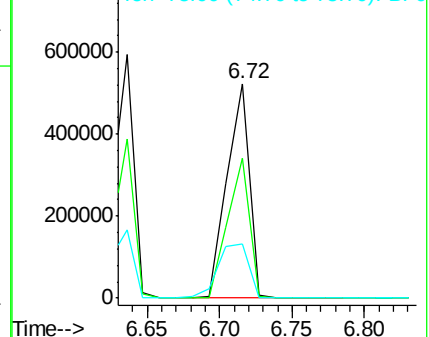
75 25.4 18.5 27.7

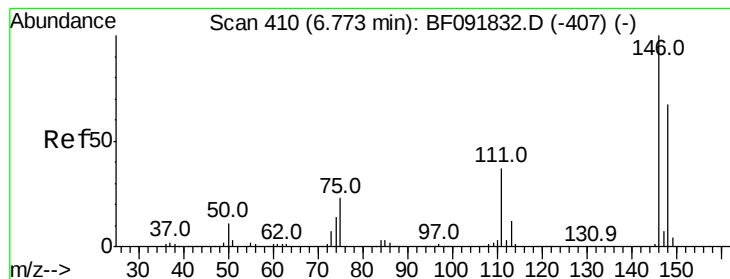


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.26 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

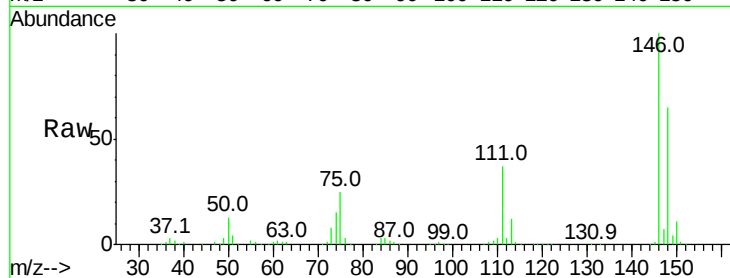
Tot Ion:146 Resp: 558752

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

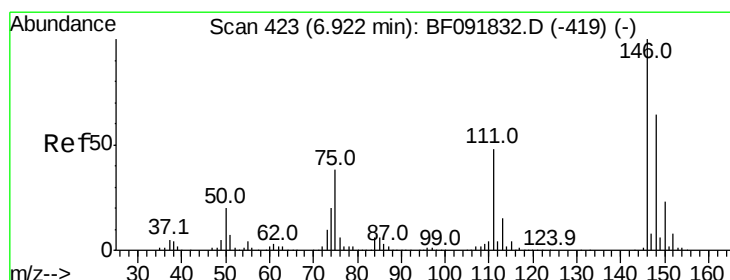
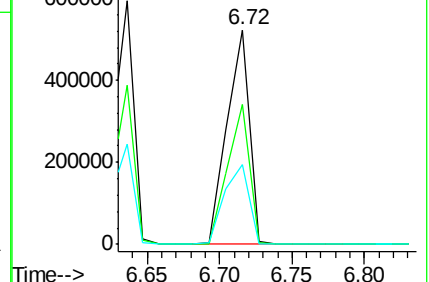
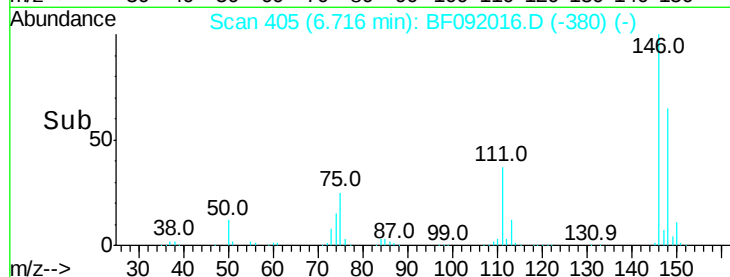
111 37.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.62 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

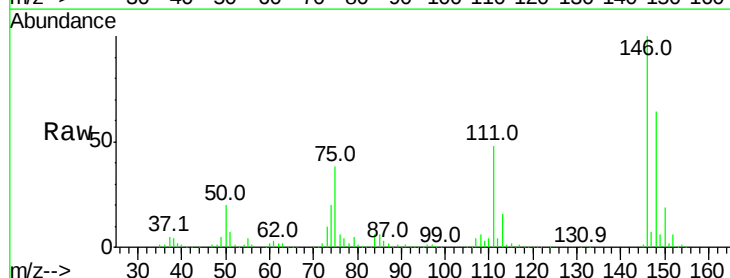
Tgt Ion:146 Resp: 489338

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

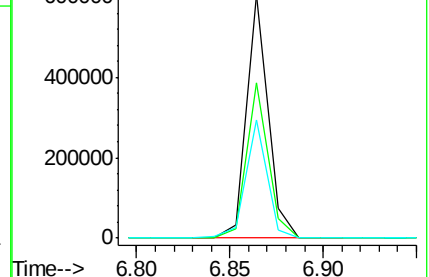
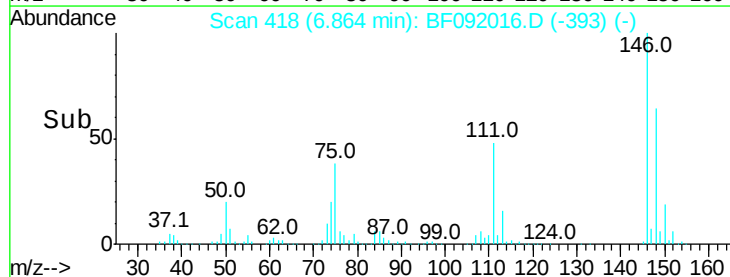
111 48.4 36.2 54.2

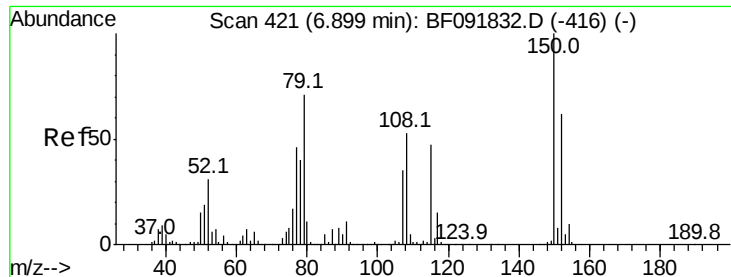


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

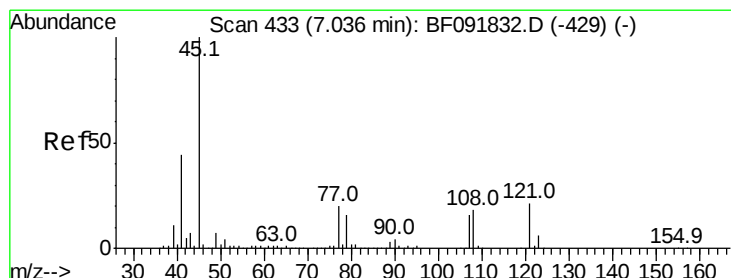
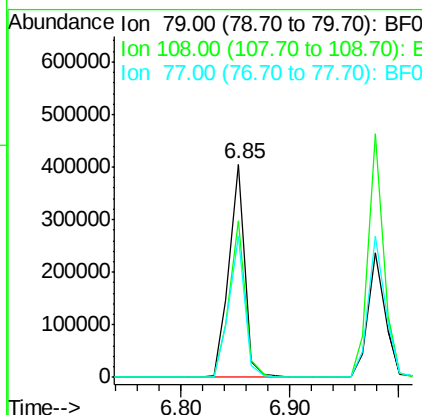
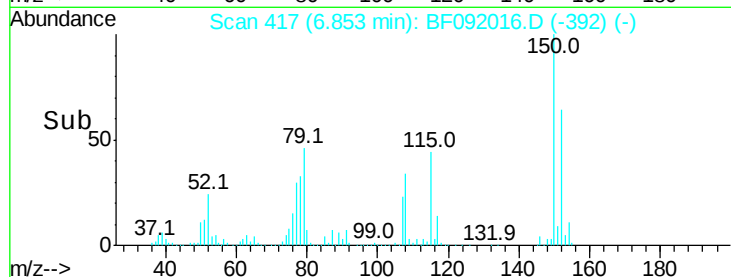
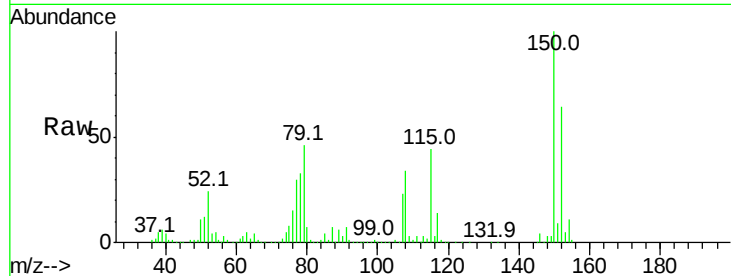




#15  
Benzyl Alcohol  
Concen: 37.42 ng  
RT: 6.85 min Scan# 417  
Delta R.T. -0.01 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

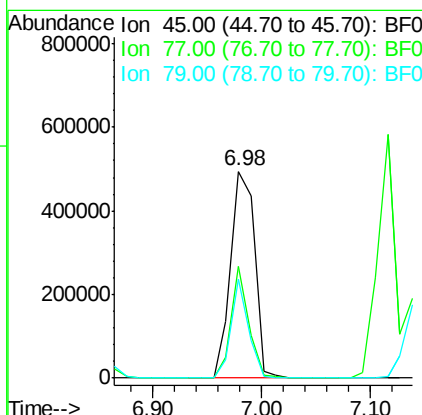
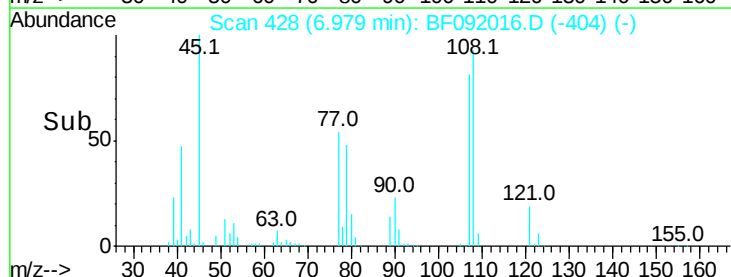
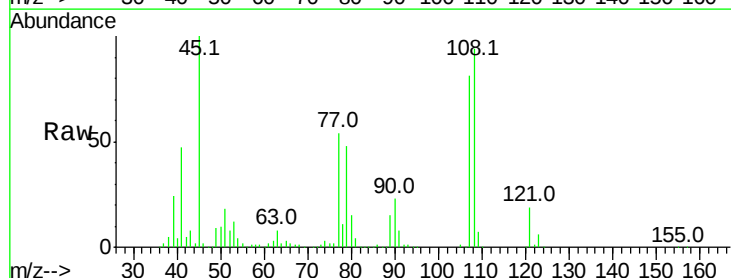
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

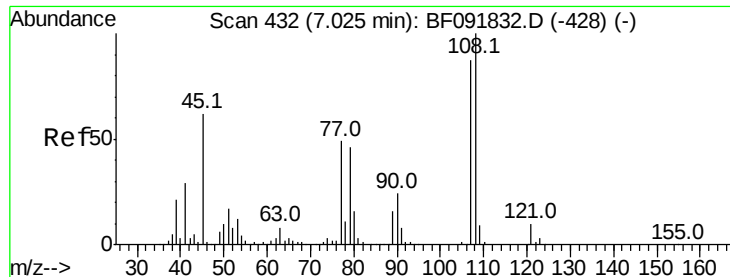
Tot Ion: 79 Resp: 408831  
Ion Ratio Lower Upper  
79 100  
108 73.2 61.4 92.0  
77 66.1 50.9 76.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.37 ng  
RT: 6.98 min Scan# 428  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion: 45 Resp: 747334  
Ion Ratio Lower Upper  
45 100  
77 54.2 0.0 34.6#  
79 48.1 0.0 31.2#





#17

2-Methylphenol

Concen: 37.57 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 395767

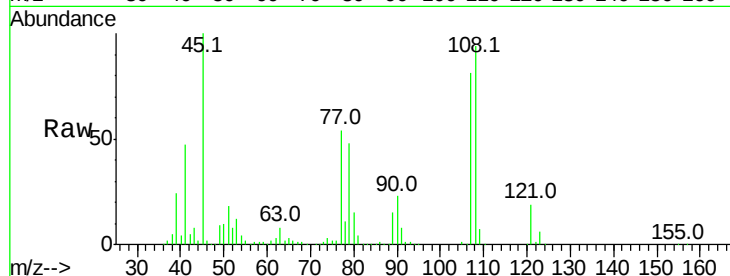
Ion Ratio Lower Upper

107 100

108 115.8 93.0 139.6

77 67.1 39.8 59.8#

79 59.4 38.0 57.0#

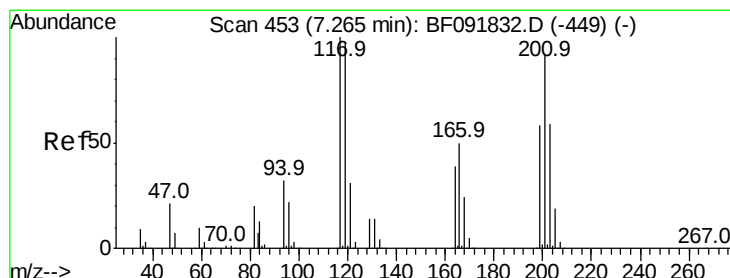
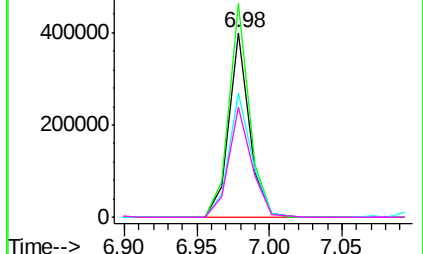
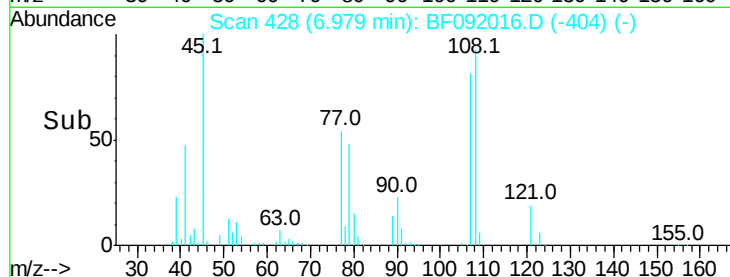


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.91 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

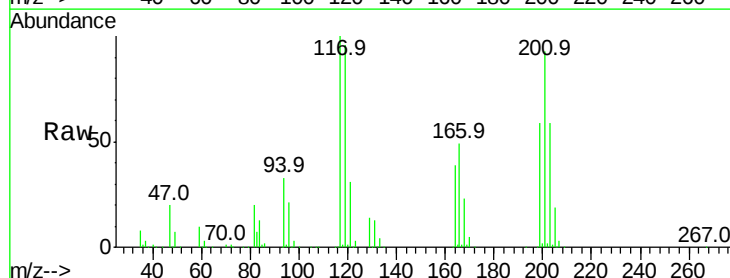
Tgt Ion:117 Resp: 210608

Ion Ratio Lower Upper

117 100

119 96.1 78.1 117.1

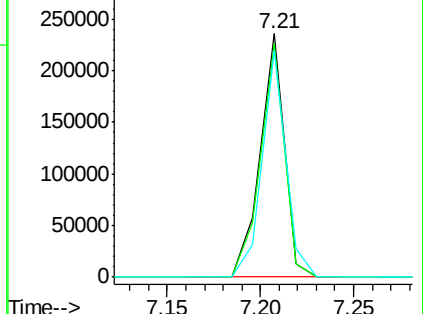
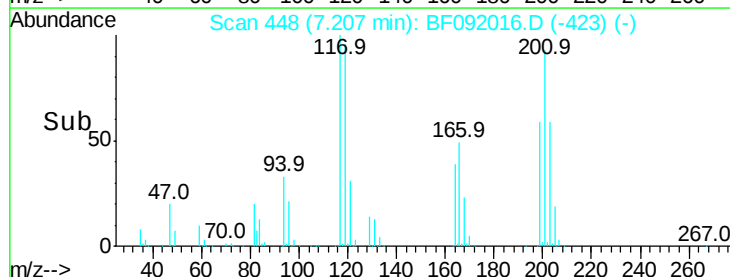
201 93.2 78.6 117.8

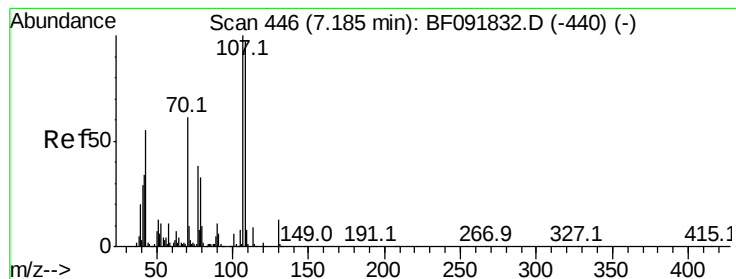


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.79 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 409553

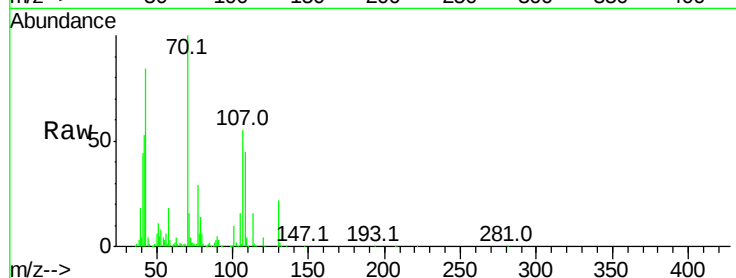
Ion Ratio Lower Upper

70 100

42 52.7 49.4 74.0

101 10.0 7.4 11.2

130 22.4 14.2 21.4#



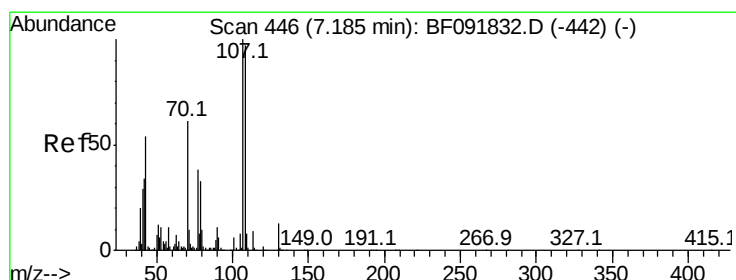
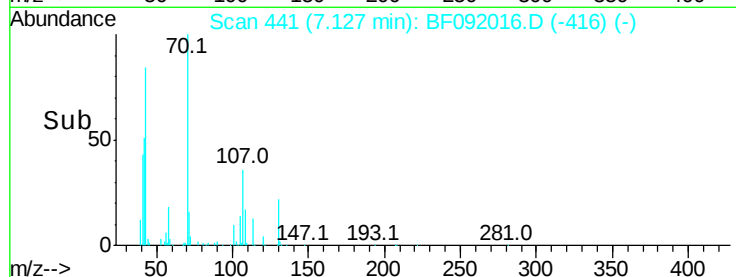
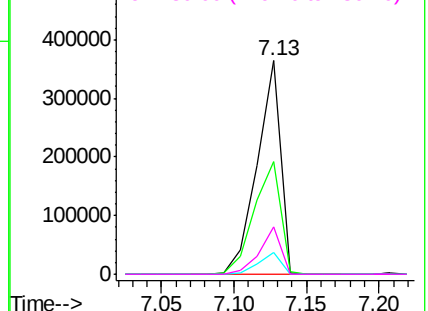
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.73 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Tgt Ion:107 Resp: 562011

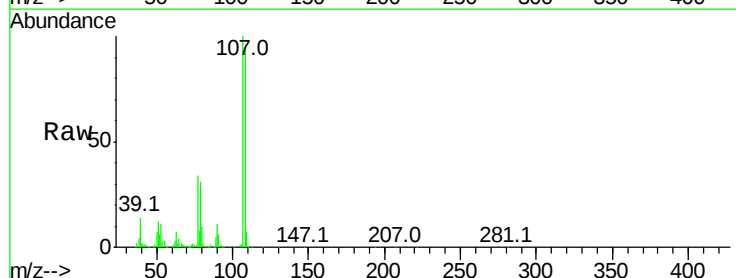
Ion Ratio Lower Upper

107 100

108 94.1 73.0 113.0

77 33.9 71.3 111.3#

79 31.3 11.1 51.1



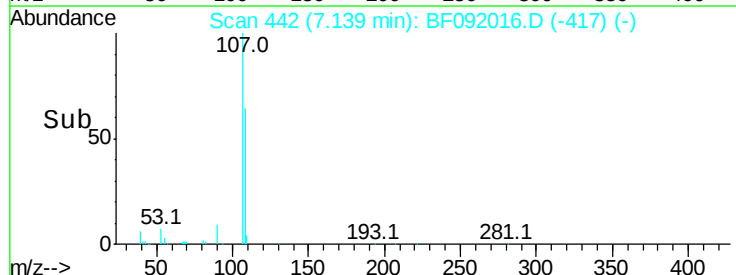
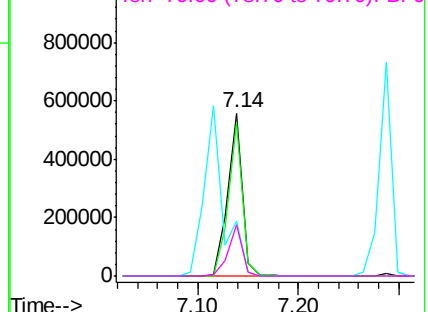
Abundance

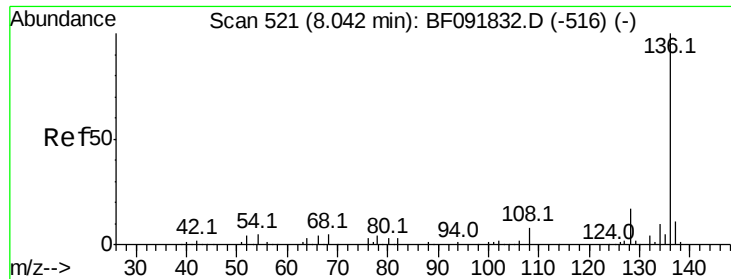
Ion 107.00 (106.70 to 107.70): E

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

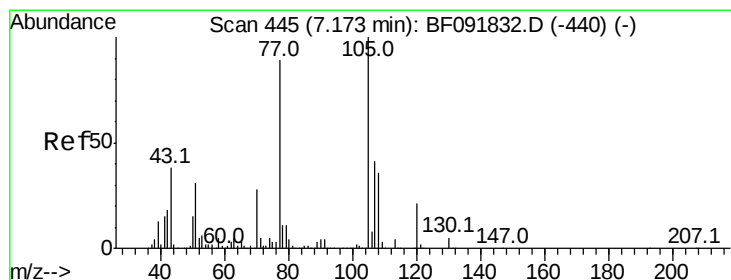
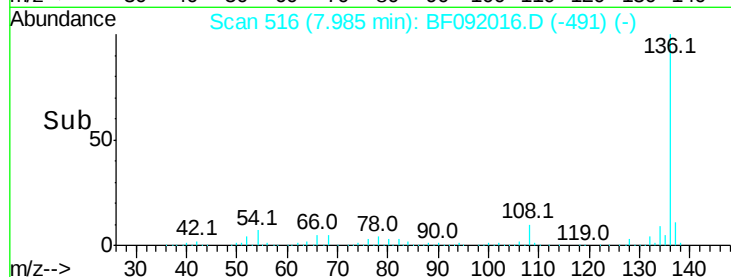
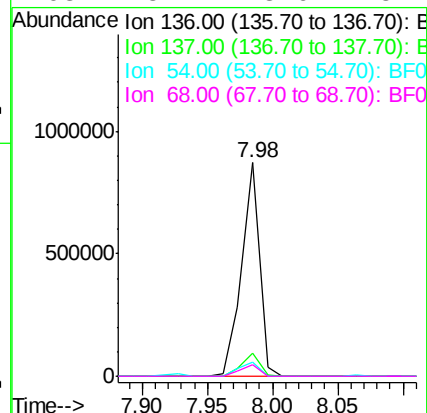
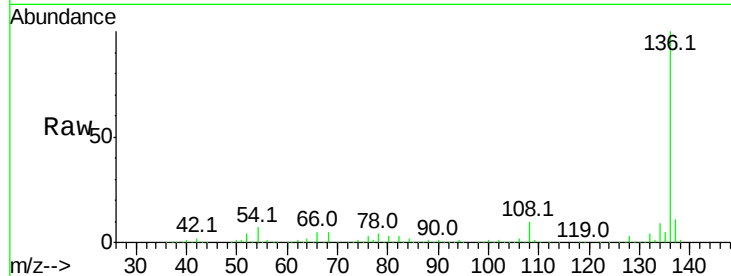




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.98 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

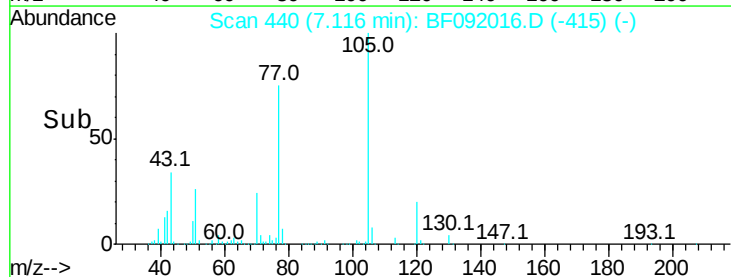
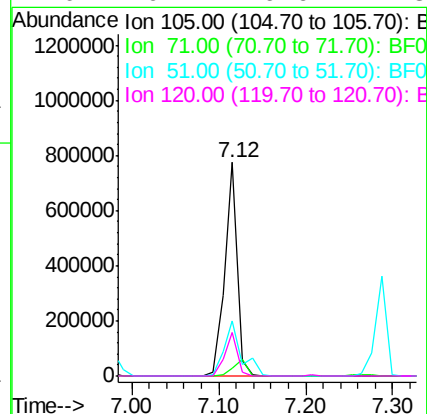
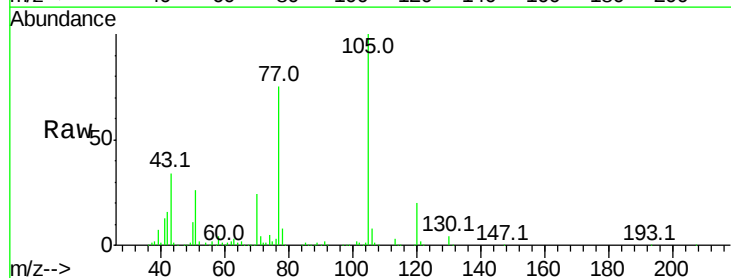
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

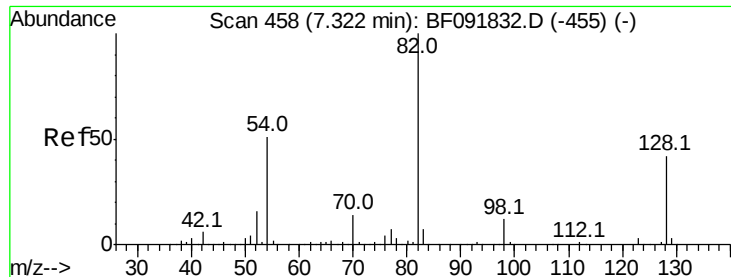
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 824867      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 8.4 12.6    |
| 54          | 6.8   | 4.5 6.7#    |
| 68          | 5.4   | 3.6 5.4#    |



#22  
Acetophenone  
Concen: 38.59 ng  
RT: 7.12 min Scan# 440  
Delta R.T. -0.01 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 785111      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 3.8   | 3.2 4.8     |
| 51          | 25.7  | 26.2 39.4#  |
| 120         | 20.4  | 16.6 24.8   |



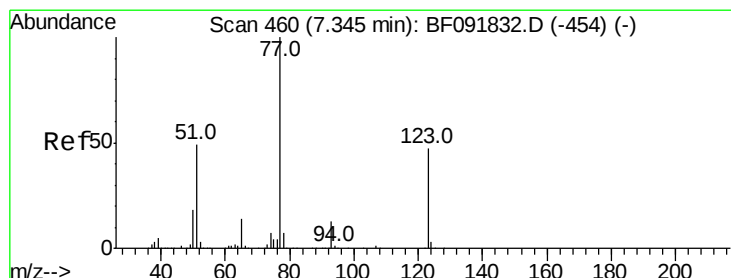
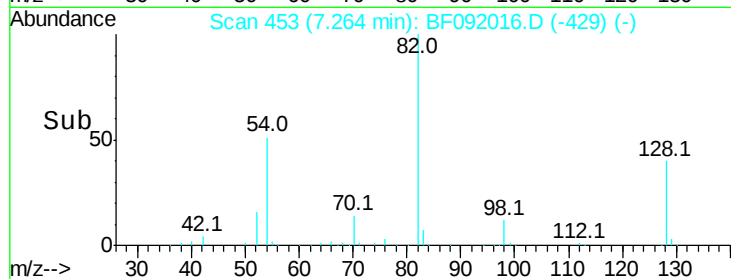
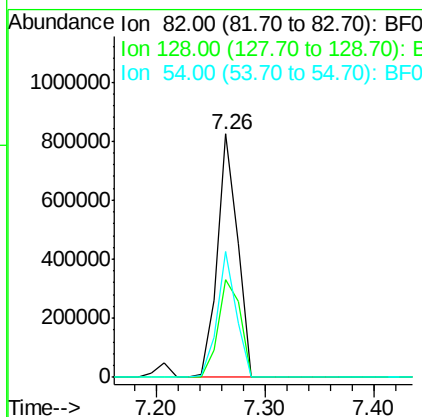
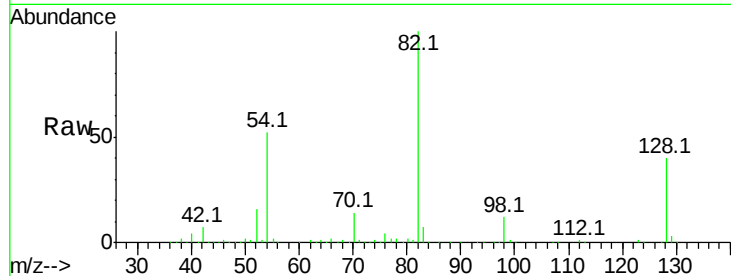


#23  
 Nitrobenzene-d5  
 Concen: 71.84 ng  
 RT: 7.26 min Scan# 453  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDCCC040

Tot Ion: 82 Resp: 1065627  

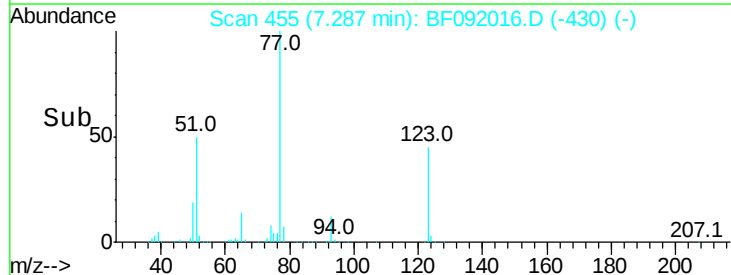
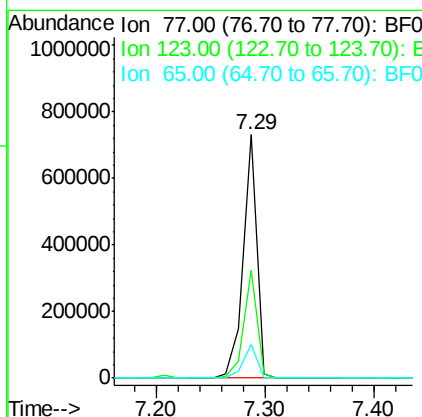
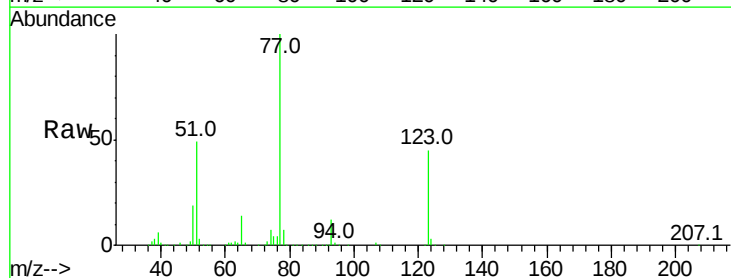
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.3  | 34.6  | 52.0  |
| 54  | 51.6  | 39.5  | 59.3  |

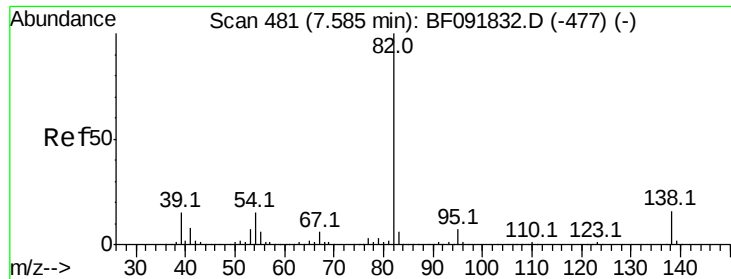


#24  
 Nitrobenzene  
 Concen: 39.41 ng  
 RT: 7.29 min Scan# 455  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion: 77 Resp: 622609  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.5  | 33.0  | 49.4  |
| 65  | 13.6  | 11.2  | 16.8  |





#25

Isophorone

Concen: 36.25 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

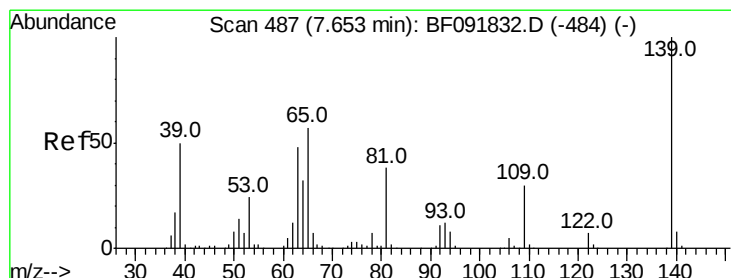
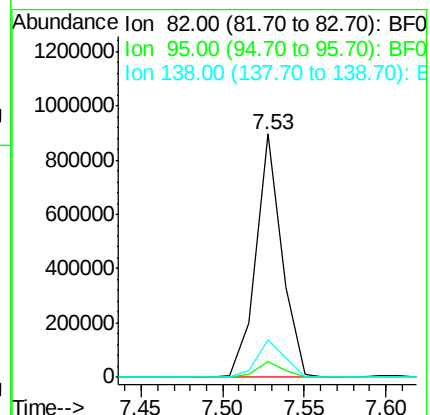
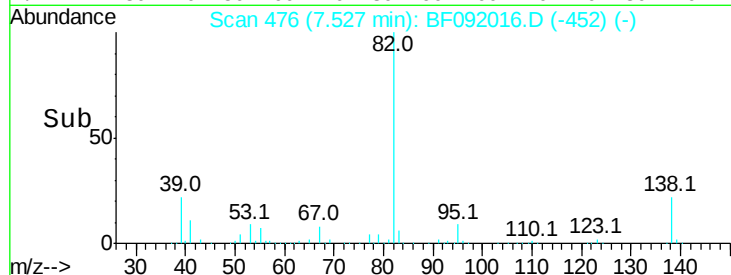
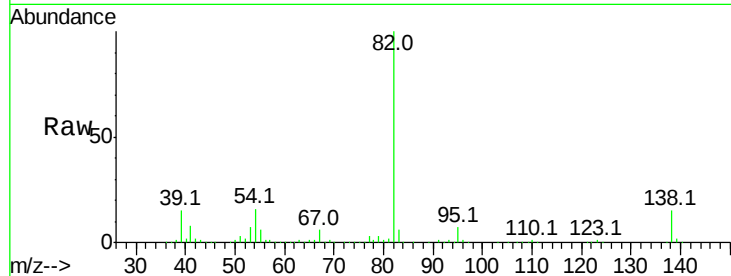
Tot Ion: 82 Resp: 992011

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 15.5 14.6 22.0



#26

2-Nitrophenol

Concen: 38.18 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

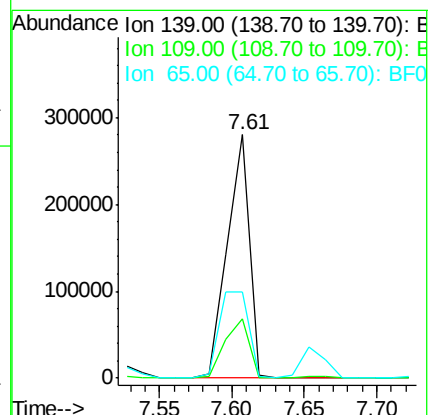
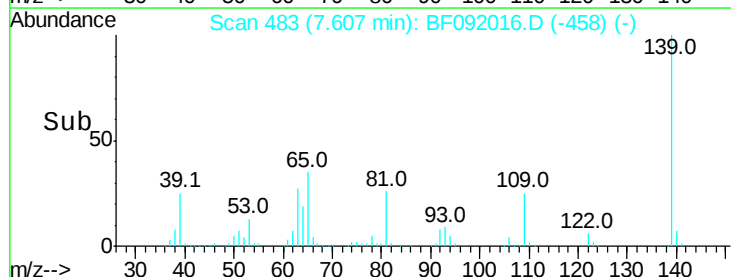
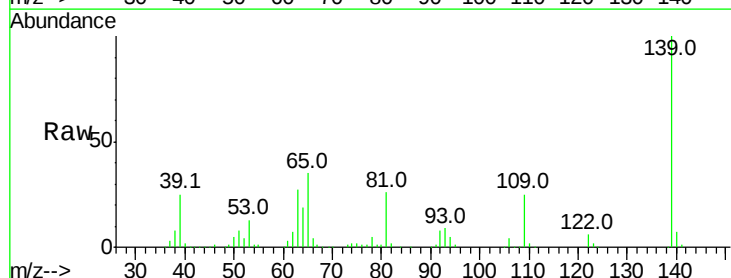
Tgt Ion: 139 Resp: 297517

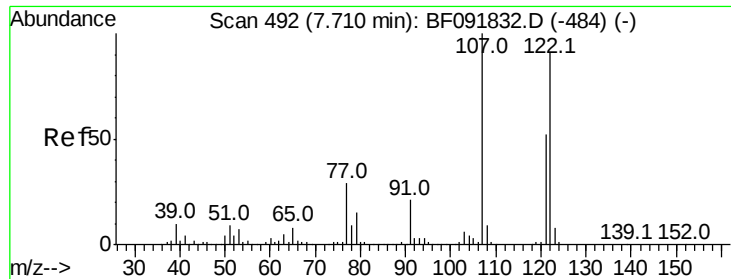
Ion Ratio Lower Upper

139 100

109 24.5 23.3 34.9

65 35.3 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 34.00 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

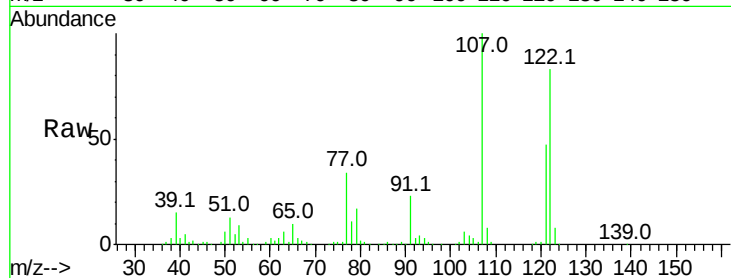
Tot Ion:122 Resp: 439367

Ion Ratio Lower Upper

122 100

107 120.2 94.1 141.1

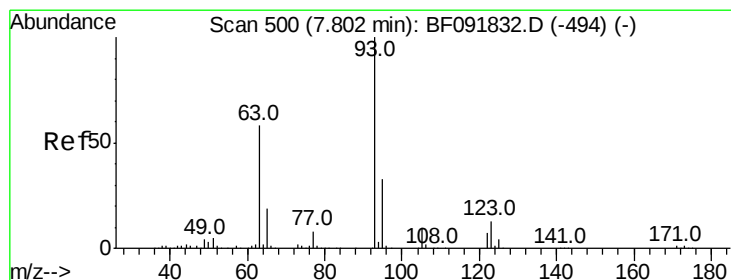
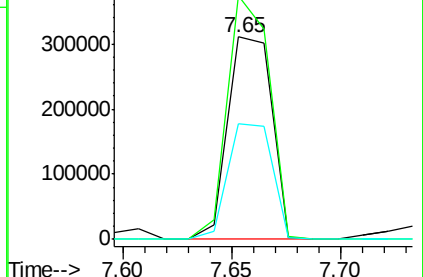
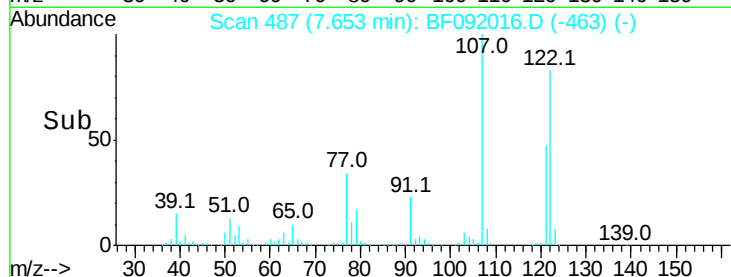
121 56.9 46.0 69.0



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: 37.13 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

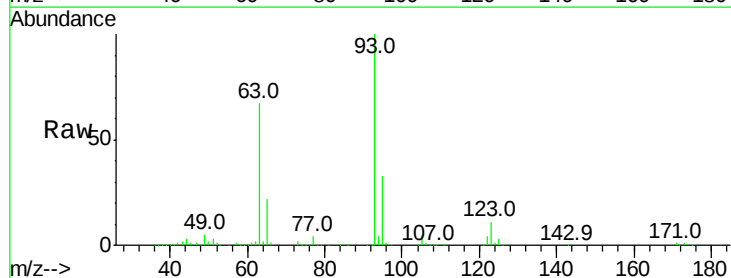
Tgt Ion: 93 Resp: 616192

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

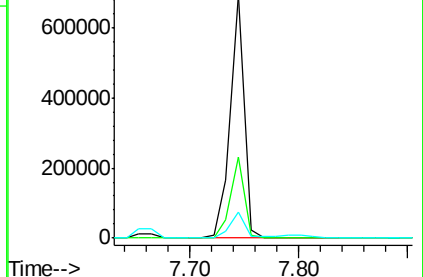
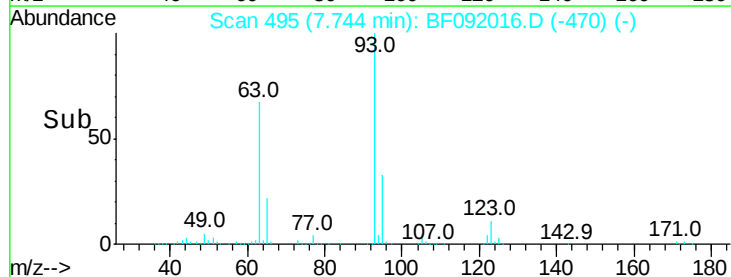
123 10.7 8.6 13.0

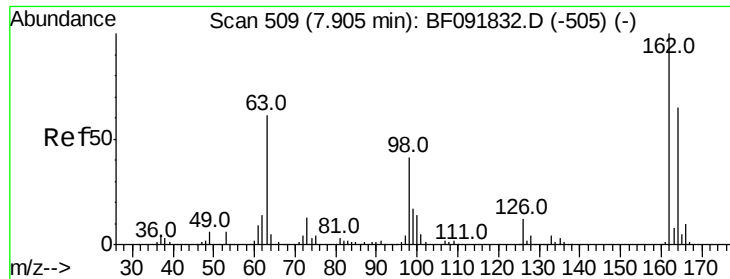


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.85 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampled :

SSTDCCC040

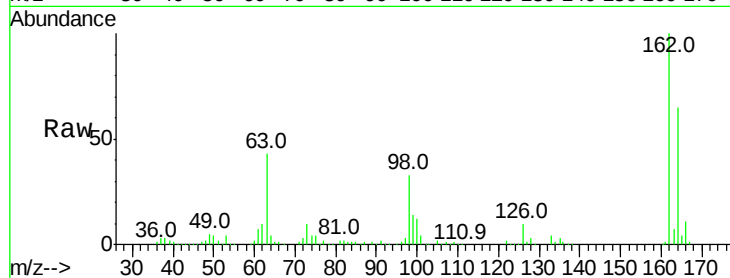
Tot Ion:162 Resp: 414220

Ion Ratio Lower Upper

162 100

164 65.0 46.8 86.8

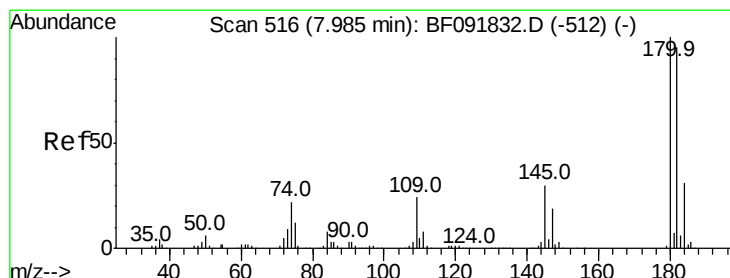
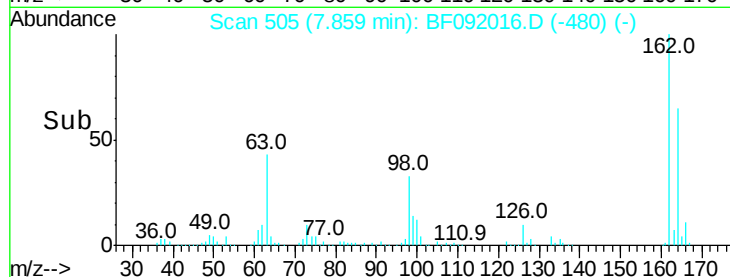
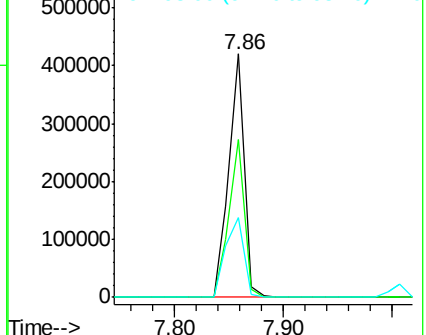
98 32.8 9.1 49.1



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: 37.50 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

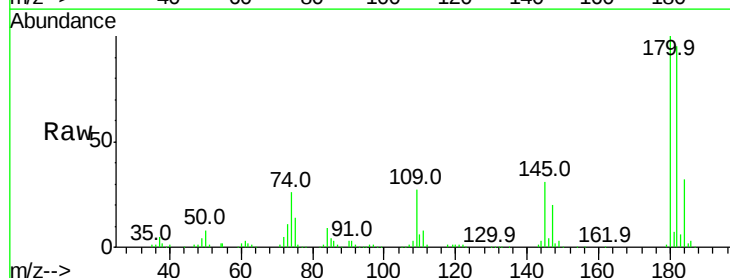
Tgt Ion:180 Resp: 449690

Ion Ratio Lower Upper

180 100

182 95.0 78.2 117.4

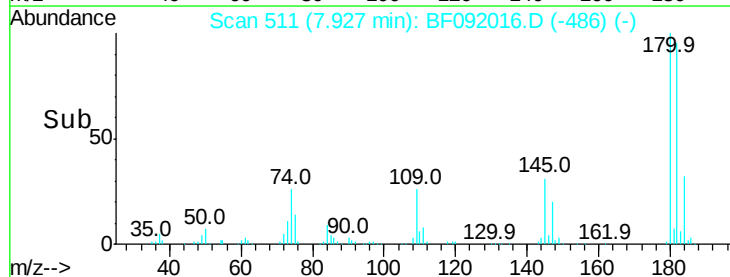
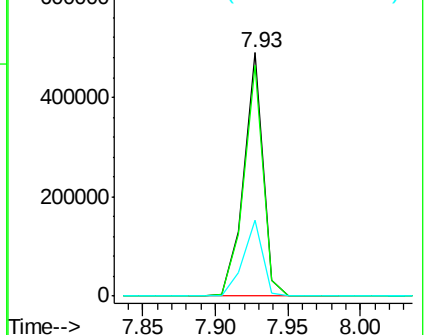
145 31.4 21.6 32.4

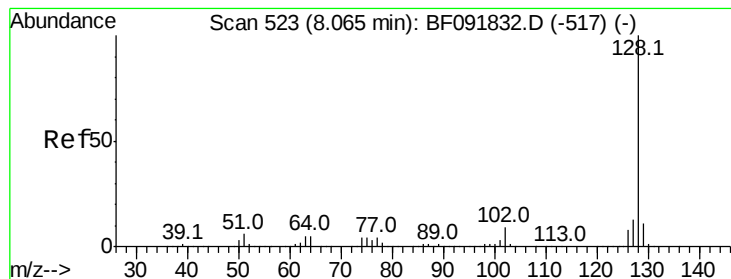


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.84 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

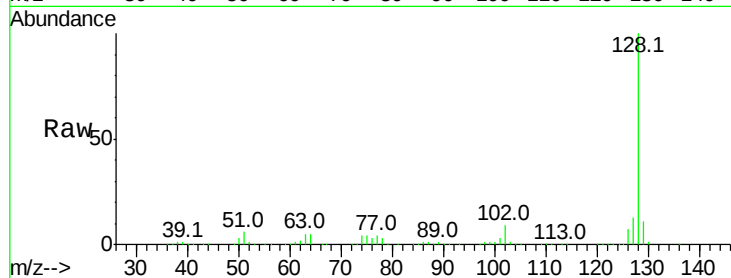
Tot Ion:128 Resp: 1541755

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

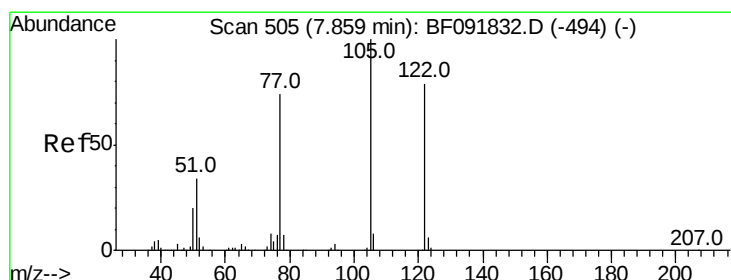
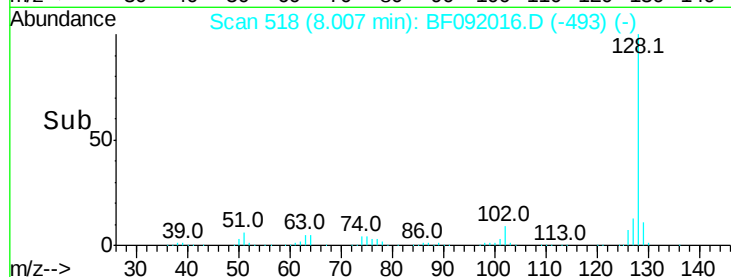
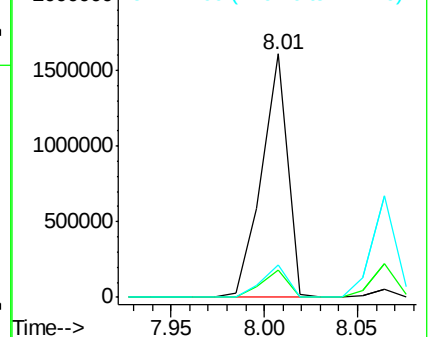
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.30 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

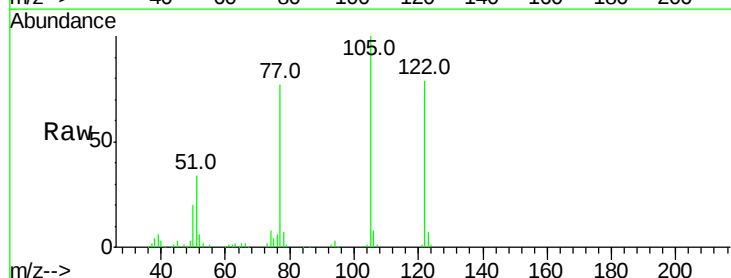
Tgt Ion:122 Resp: 347957

Ion Ratio Lower Upper

122 100

105 126.4 107.2 147.2

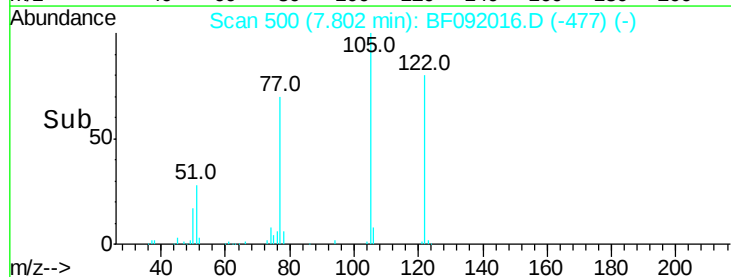
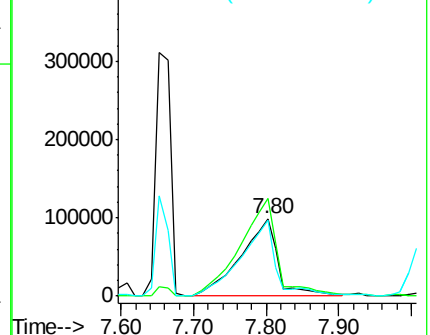
77 97.4 74.5 114.5

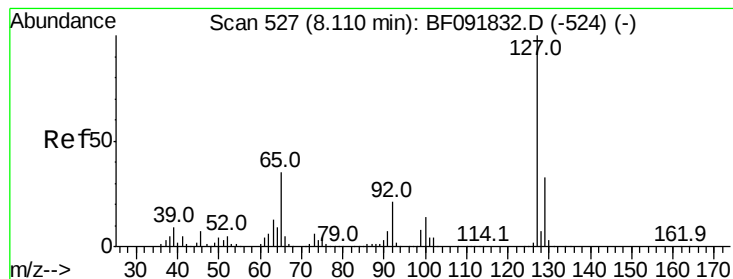


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.40 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 619578

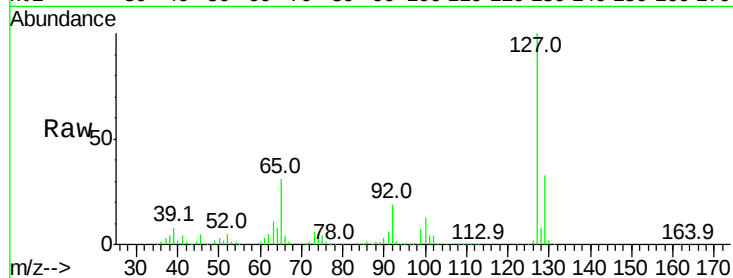
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 31.2 25.8 38.8

92 19.5 16.1 24.1

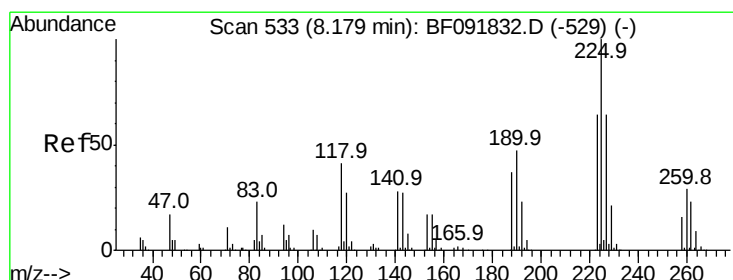
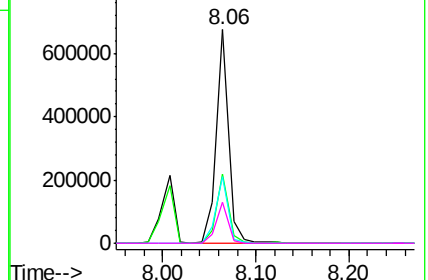
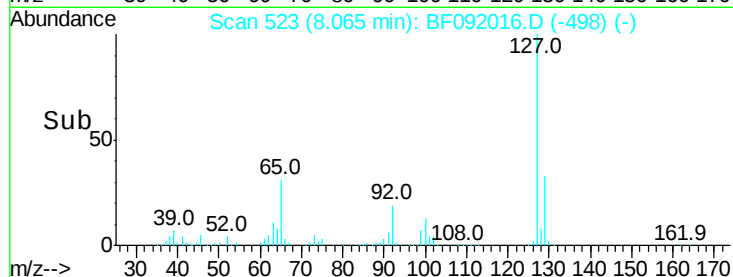


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.56 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

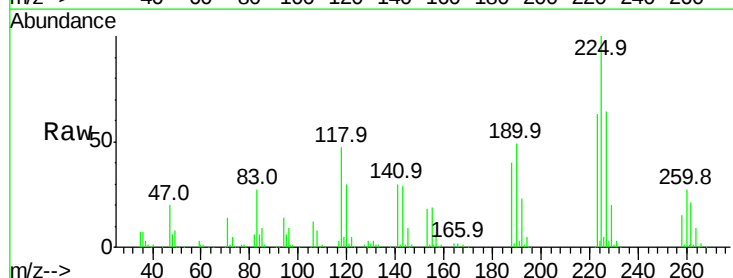
Tgt Ion:225 Resp: 237749

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

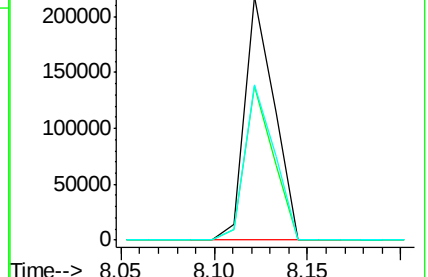
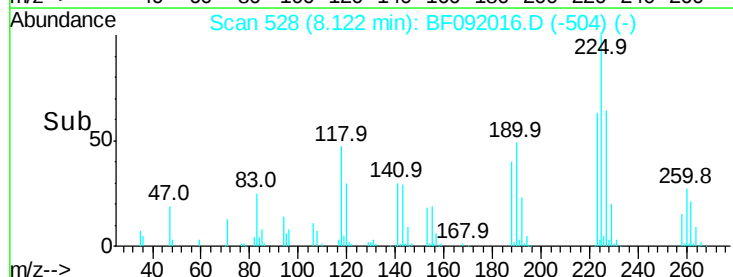
227 63.6 50.6 76.0

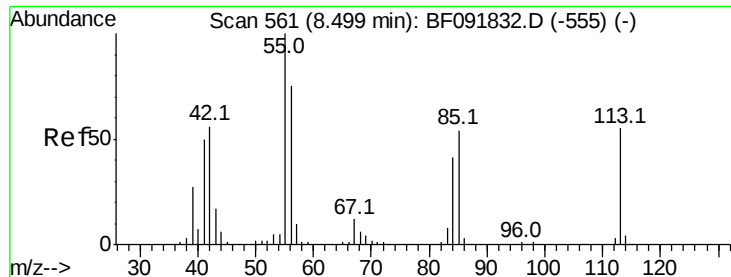


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.51 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

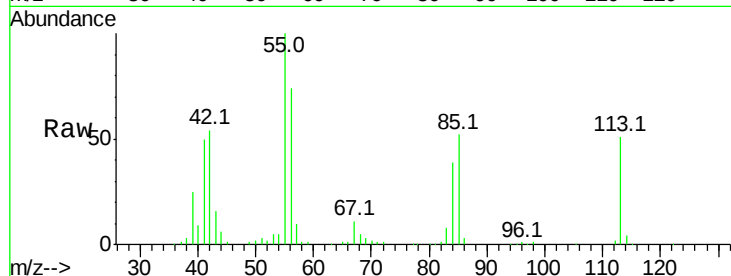
Tot Ion:113 Resp: 134882

Ion Ratio Lower Upper

113 100

55 195.1 119.2 159.2#

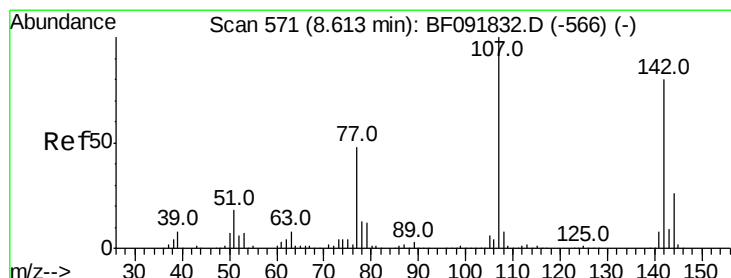
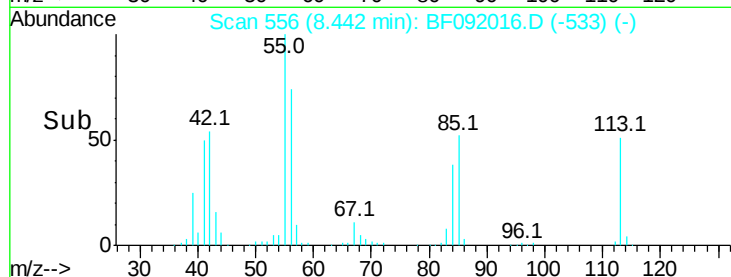
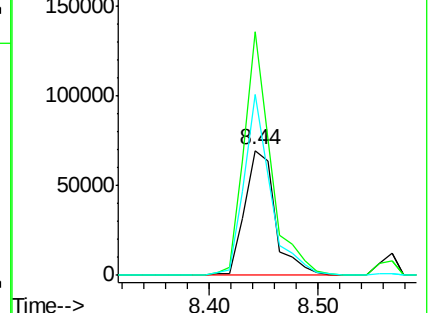
56 144.7 83.8 123.8#



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: 38.17 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

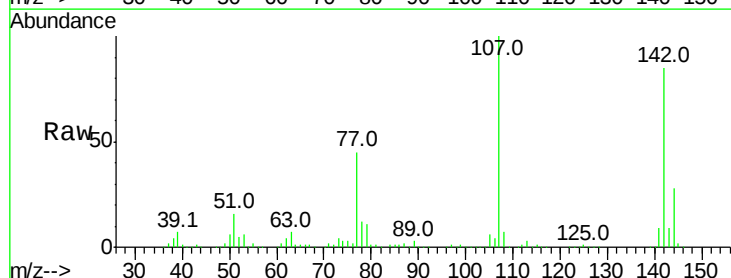
Tgt Ion:107 Resp: 480680

Ion Ratio Lower Upper

107 100

144 27.7 19.3 28.9

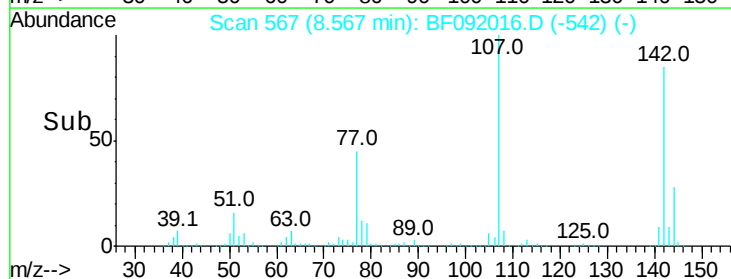
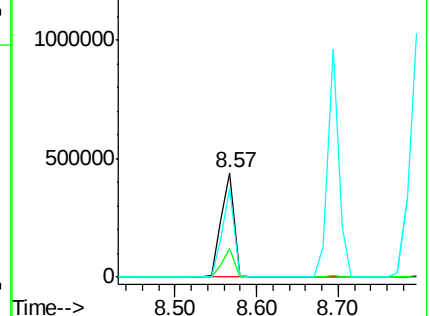
142 85.0 59.0 88.6

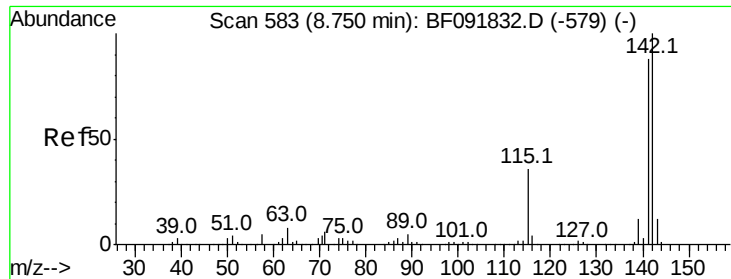


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

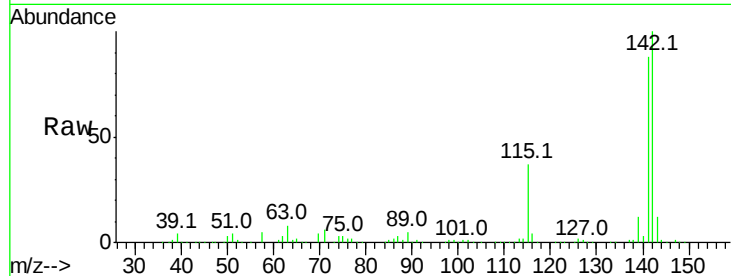




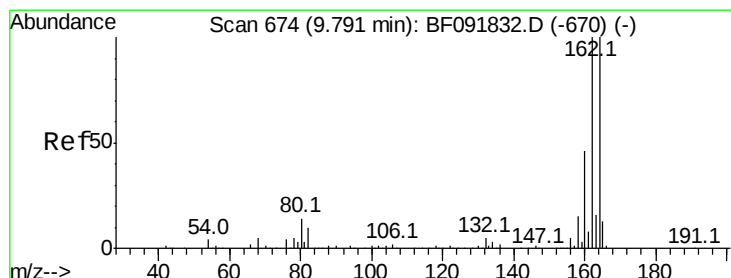
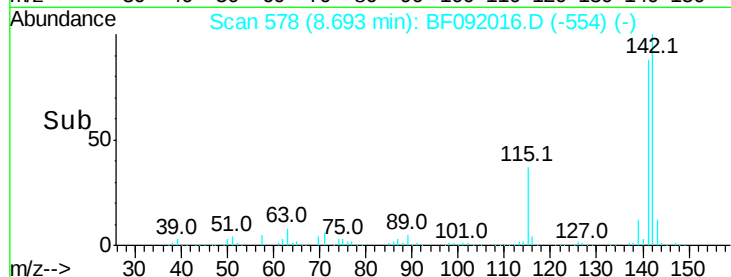
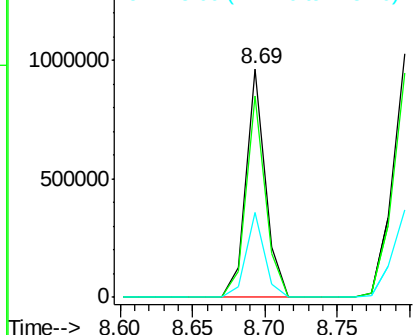
#37  
 2-Methylnaphthalene  
 Concen: 36.85 ng  
 RT: 8.69 min Scan# 578  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.9  | 71.0  | 106.6 |
| 115     | 36.9  | 28.3  | 42.5  |

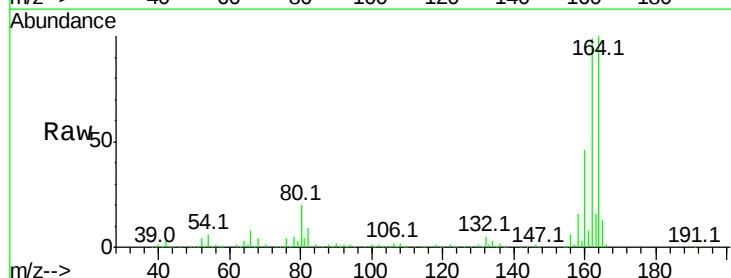


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

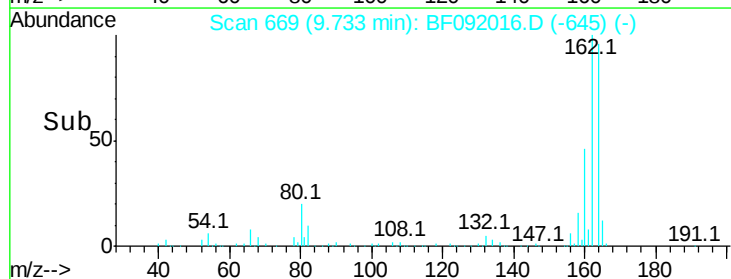
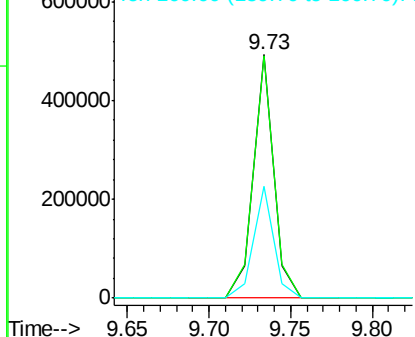


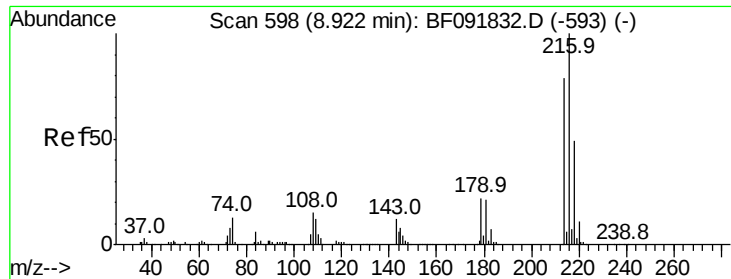
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.73 min Scan# 669  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.4  | 80.2  | 120.2 |
| 160     | 45.8  | 36.9  | 55.3  |



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

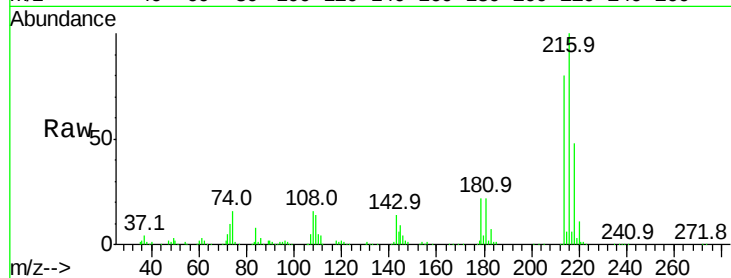




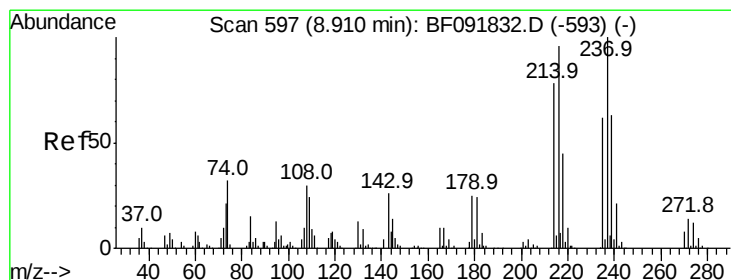
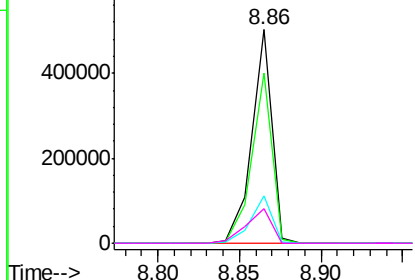
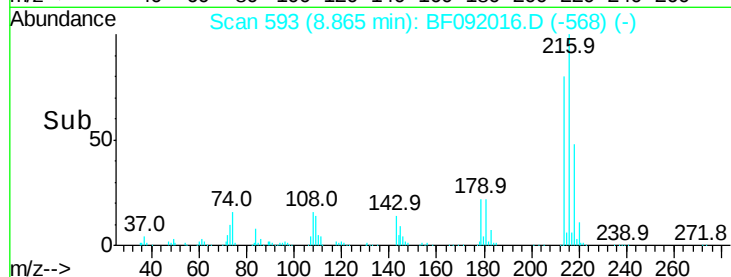
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.91 ng  
 RT: 8.86 min Scan# 593  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 432597 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.2  | 63.4  | 95.0   |
| 179      | 23.0  | 17.4  | 26.2   |
| 108      | 20.5  | 15.6  | 23.4   |

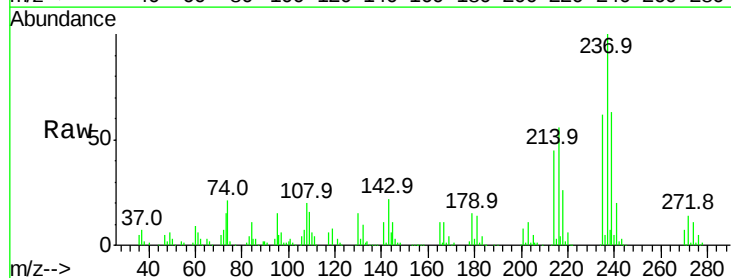


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

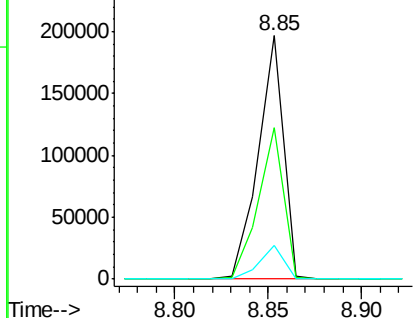
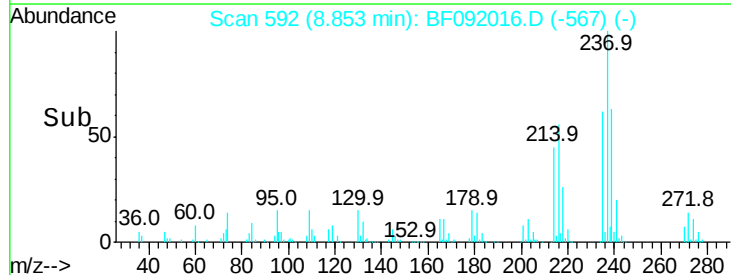


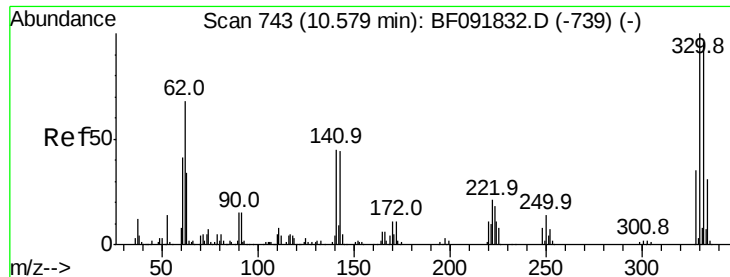
#40  
 Hexachlorocyclopentadiene  
 Concen: 40.14 ng  
 RT: 8.85 min Scan# 592  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 183736 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 62.4  | 41.2  | 81.2   |
| 272      | 13.6  | 0.0   | 35.4   |



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

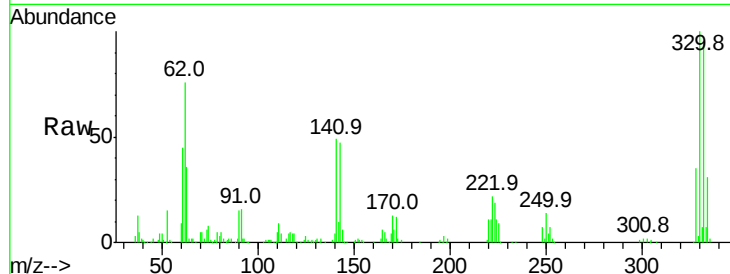




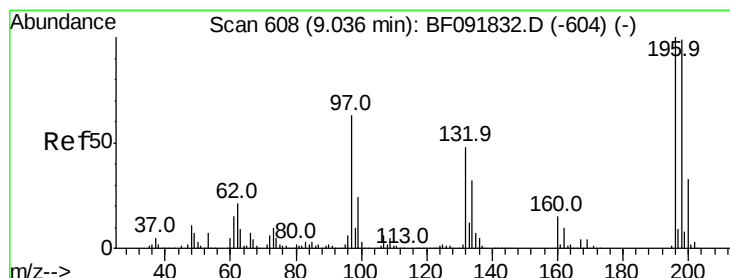
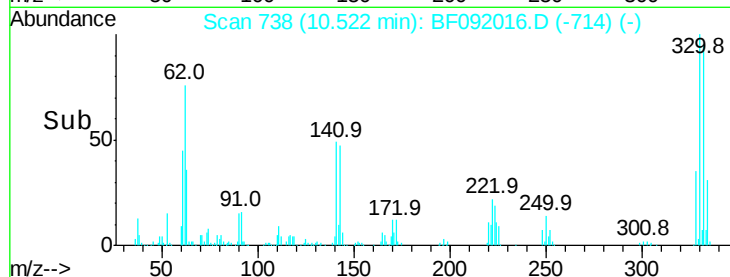
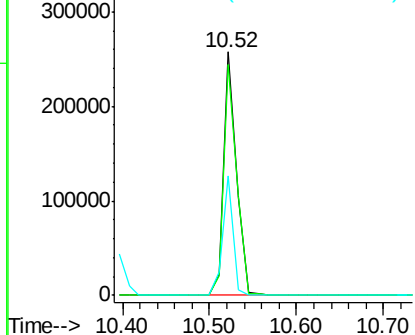
#41  
 2,4,6-Tribromophenol  
 Concen: 75.31 ng  
 RT: 10.52 min Scan# 738  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.1  | 77.4  | 116.2 |
| 141     | 41.2  | 34.1  | 51.1  |

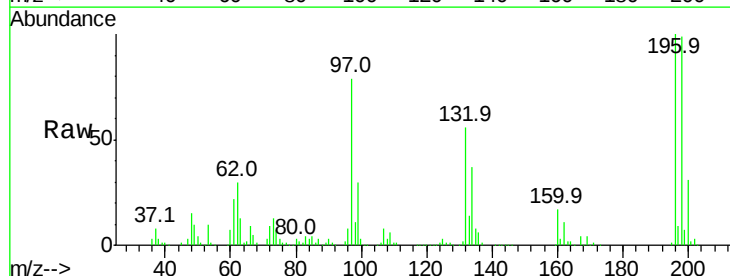


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

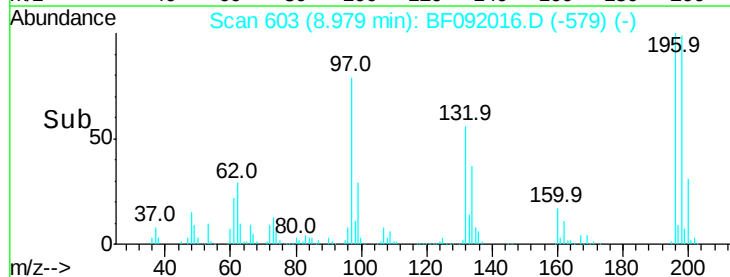
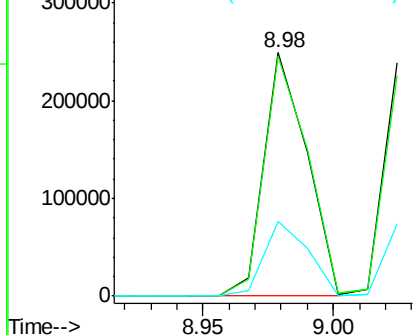


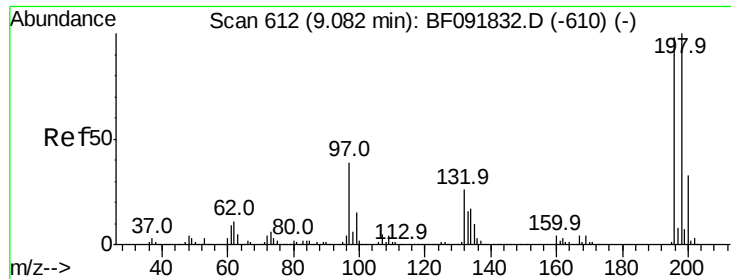
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.73 ng  
 RT: 8.98 min Scan# 603  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.6  | 82.1  | 123.1 |
| 200     | 30.9  | 27.0  | 40.4  |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

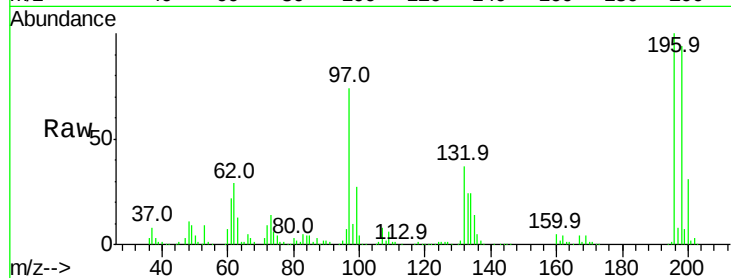




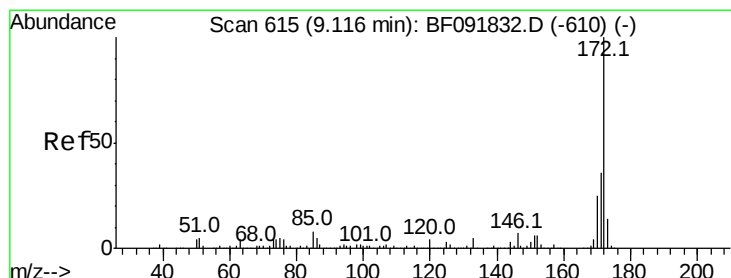
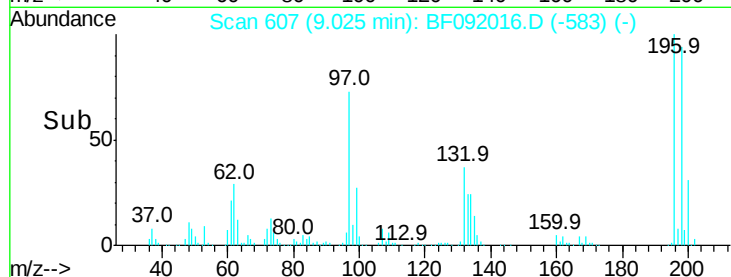
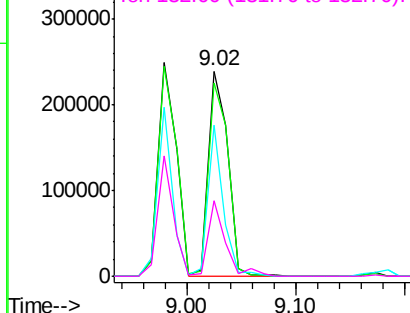
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.46 ng  
 RT: 9.02 min Scan# 607  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 300092 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.5  | 79.4  | 119.2  |
| 97       | 73.5  | 51.5  | 77.3   |
| 132      | 37.1  | 27.4  | 41.2   |

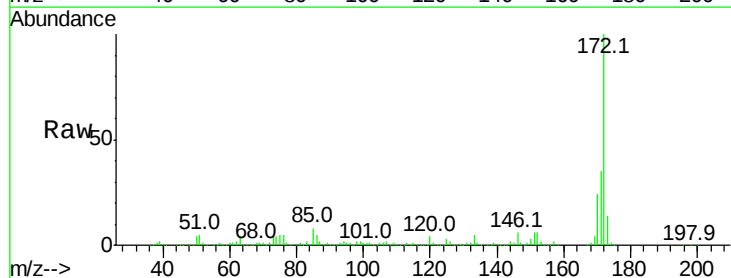


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

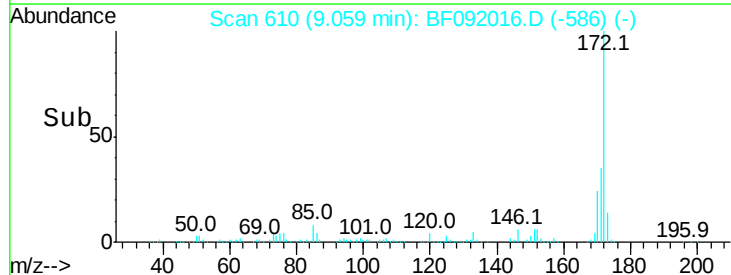
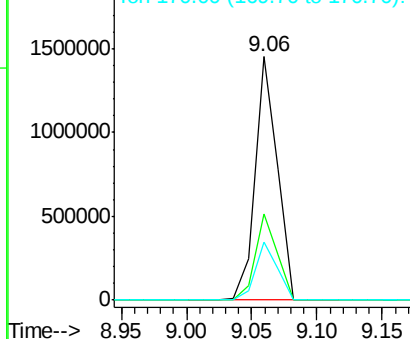


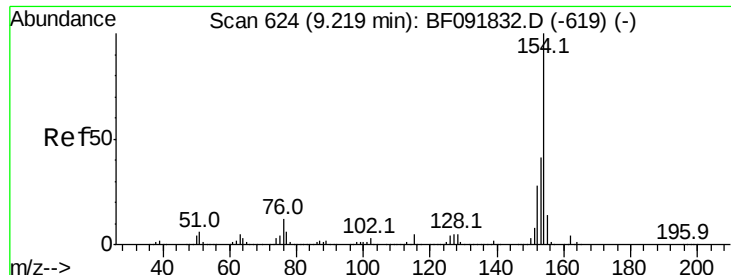
#44  
 2-Fluorobiphenyl  
 Concen: 81.26 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1713552 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 35.5  | 29.4  | 44.0    |
| 170      | 24.1  | 20.2  | 30.4    |



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



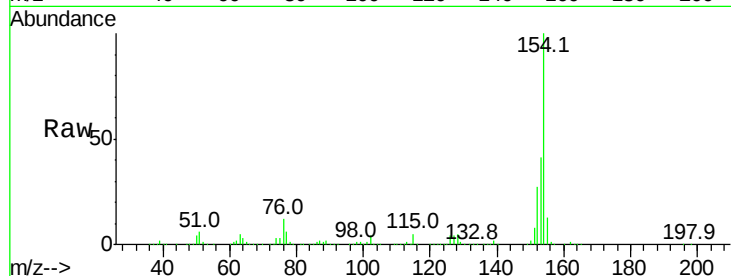


#45  
 1,1'-Biphenyl  
 Concen: 40.81 ng  
 RT: 9.16 min Scan# 619  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

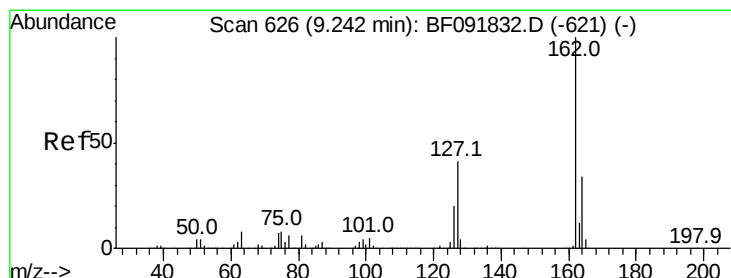
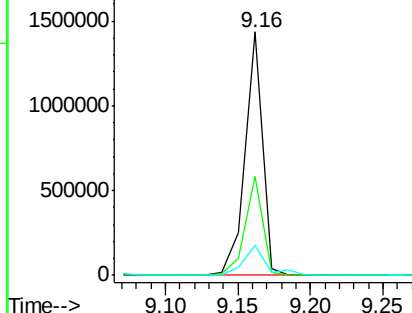
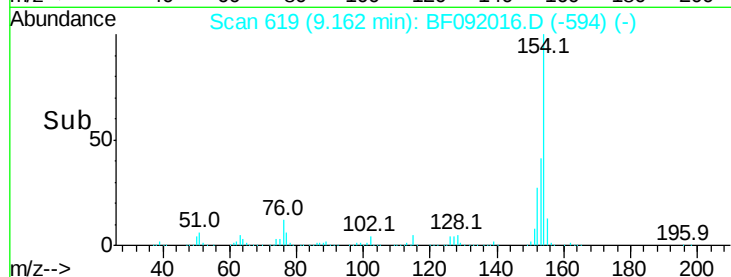
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:154 Resp: 1198912  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.9  | 20.9  | 60.9  |
| 76  | 12.3  | 0.0   | 30.5  |



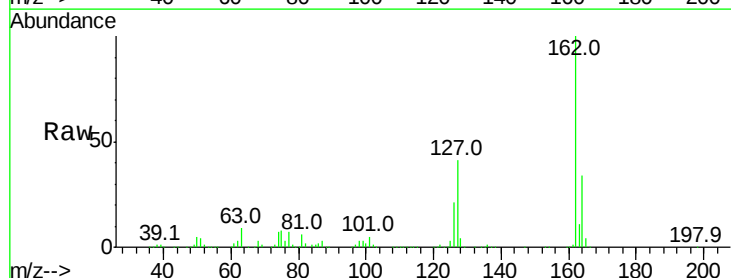
Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0



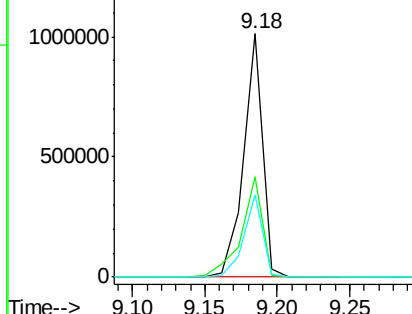
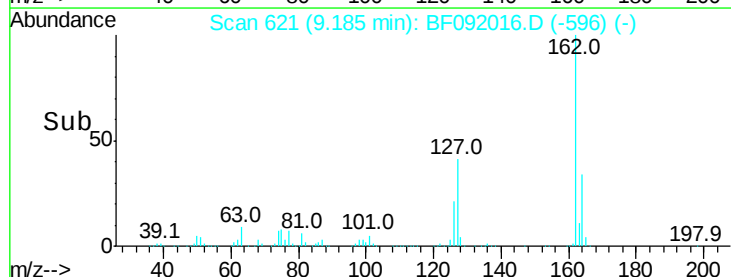
#46  
 2-Chloronaphthalene  
 Concen: 39.27 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

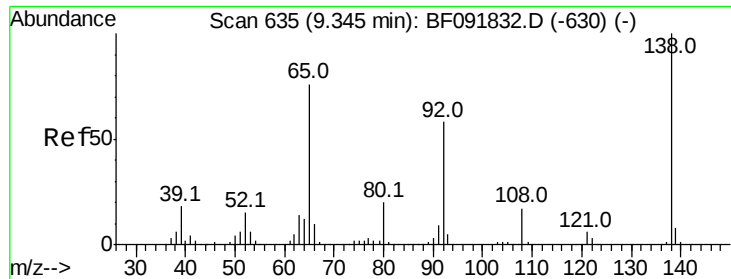
Tgt Ion:162 Resp: 913723  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 41.4  | 30.7  | 46.1  |
| 164 | 33.8  | 27.6  | 41.4  |



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

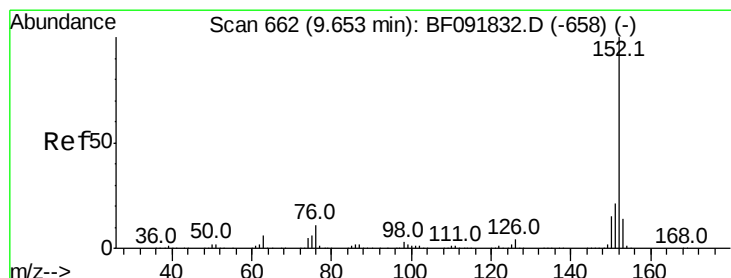
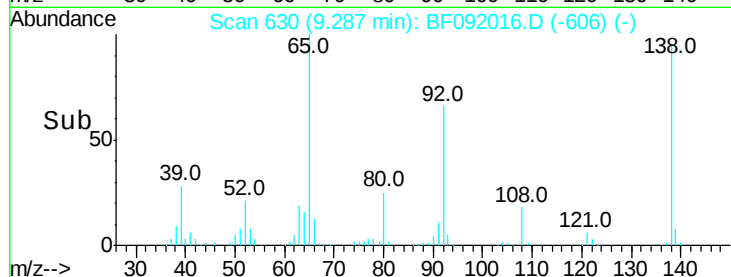
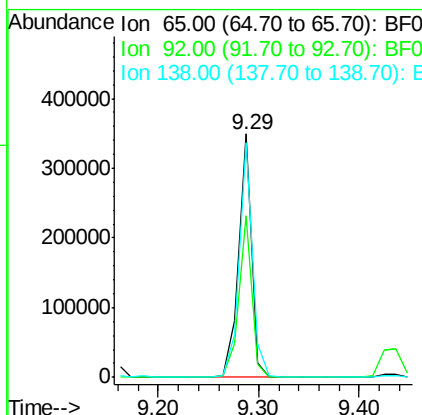
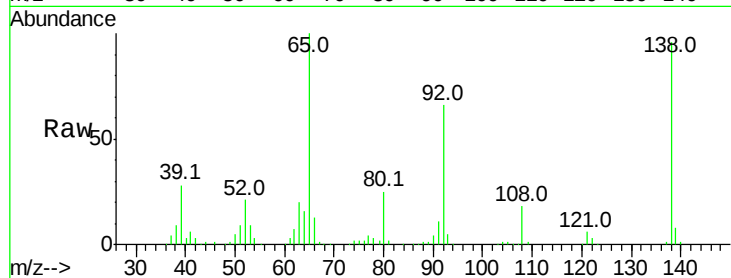




#47  
 2-Nitroaniline  
 Concen: 37.94 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

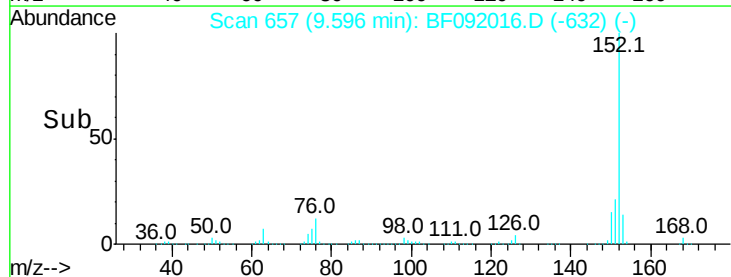
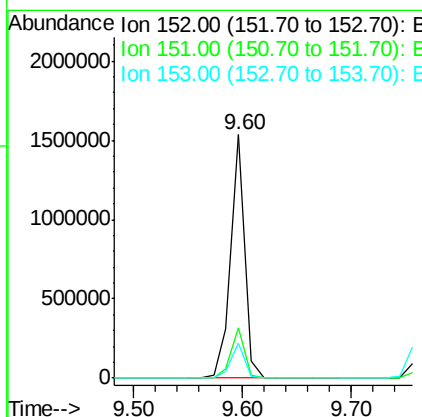
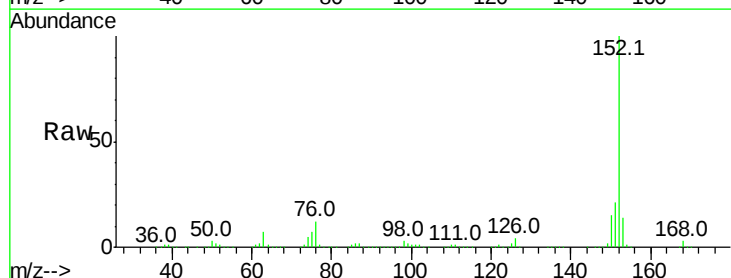
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

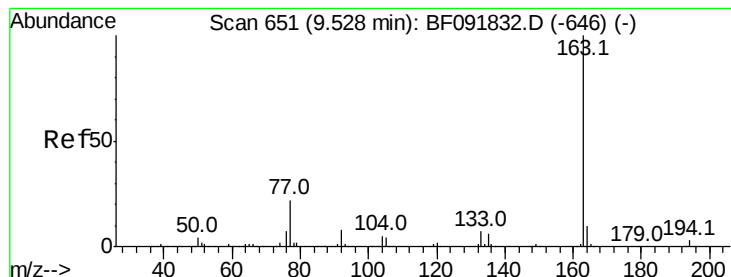
Tot Ion: 65 Resp: 314307  
 Ion Ratio Lower Upper  
 65 100  
 92 66.3 53.9 80.9  
 138 96.5 76.8 115.2



#48  
 Acenaphthylene  
 Concen: 37.87 ng  
 RT: 9.60 min Scan# 657  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion: 152 Resp: 1354897  
 Ion Ratio Lower Upper  
 152 100  
 151 20.5 16.9 25.3  
 153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 36.80 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

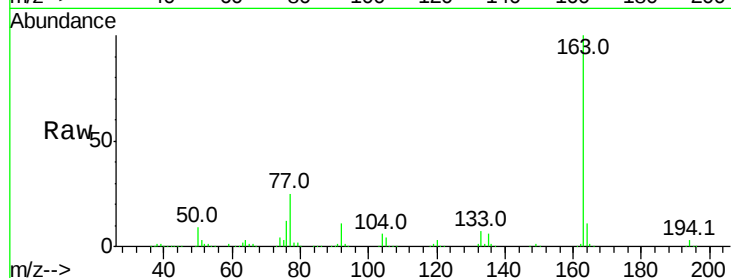
Tot Ion:163 Resp: 1009924

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

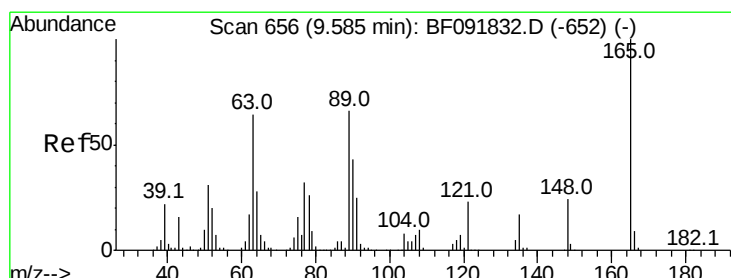
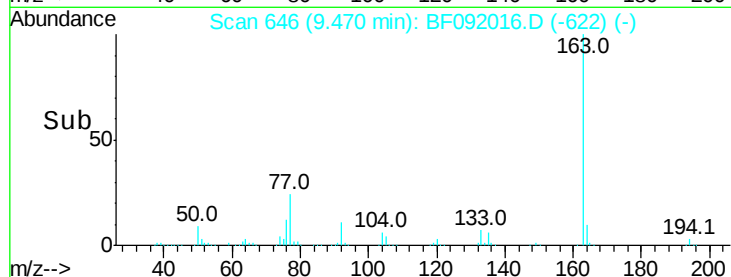
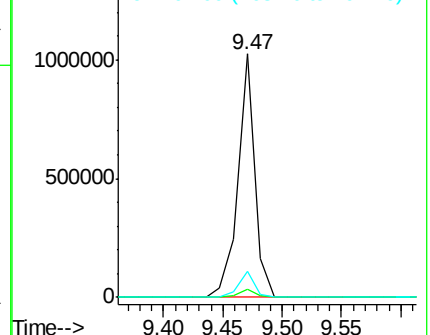
164 10.7 8.0 12.0



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: 36.27 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

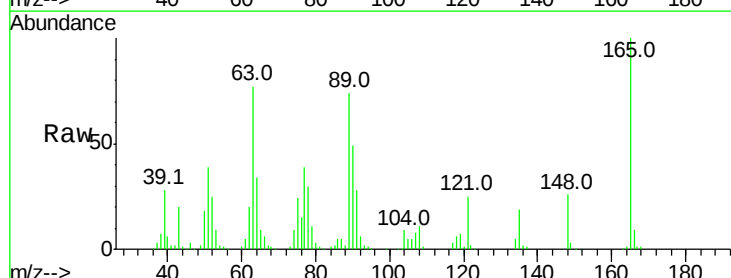
Tgt Ion:165 Resp: 217847

Ion Ratio Lower Upper

165 100

63 77.2 36.2 54.4#

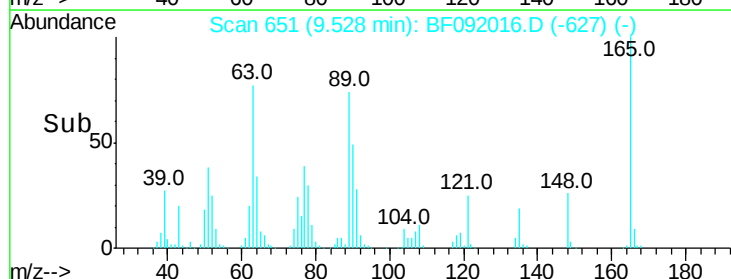
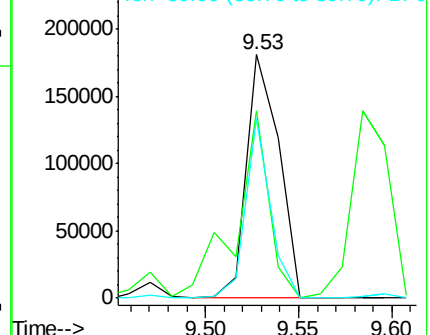
89 73.9 40.2 60.4#

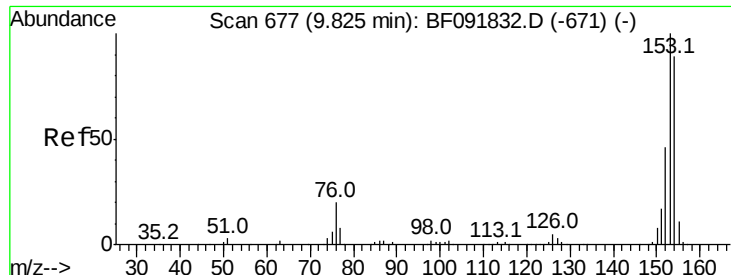


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

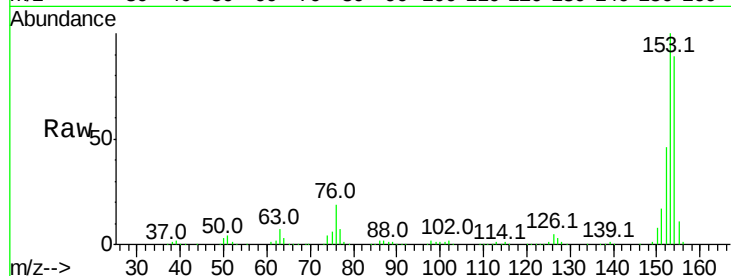




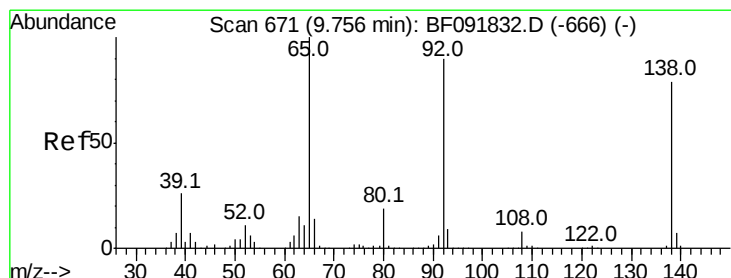
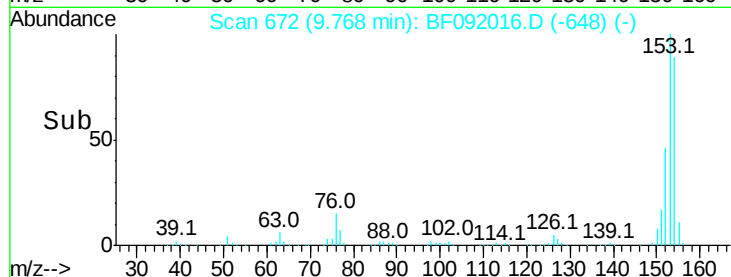
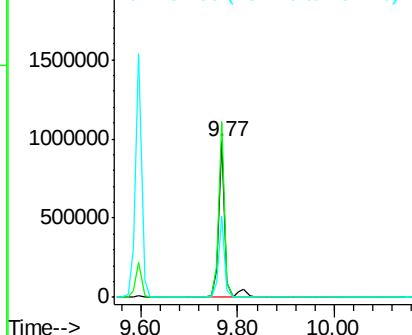
#51  
Acenaphthene  
Concen: 38.65 ng  
RT: 9.77 min Scan# 672  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:154 Resp: 937465  
Ion Ratio Lower Upper  
154 100  
153 112.5 88.6 133.0  
152 51.8 41.6 62.4

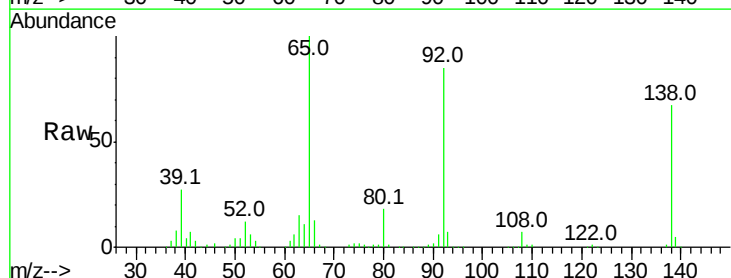


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

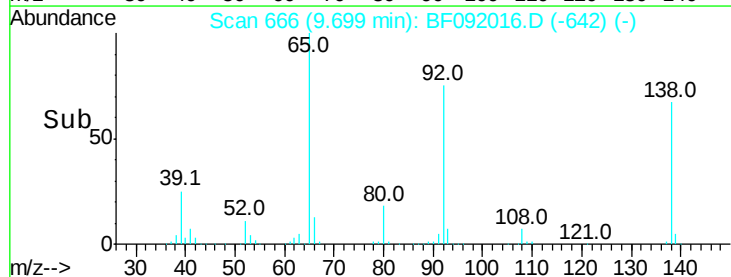
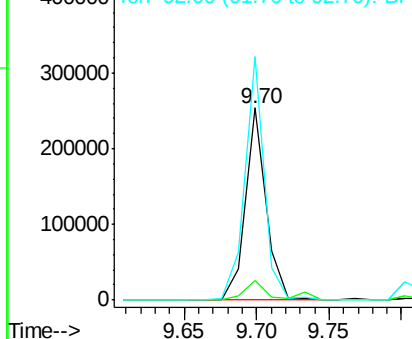


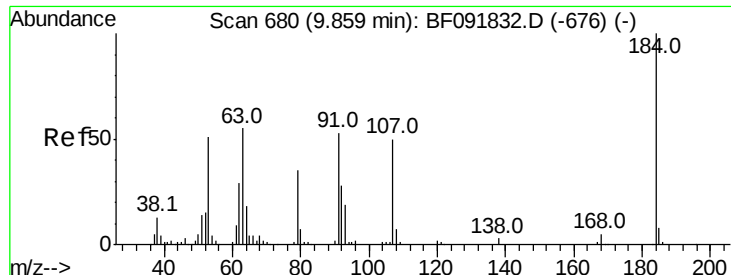
#52  
3-Nitroaniline  
Concen: 33.85 ng  
RT: 9.70 min Scan# 666  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion:138 Resp: 251604  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.5 12.7  
92 126.7 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

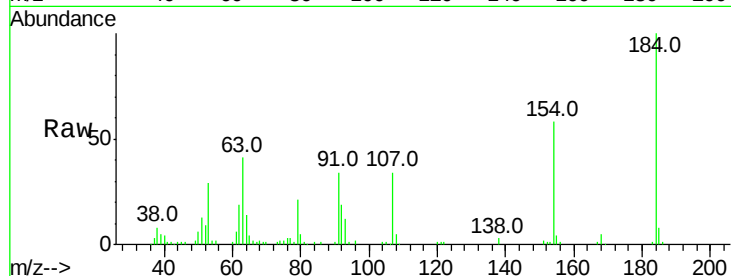




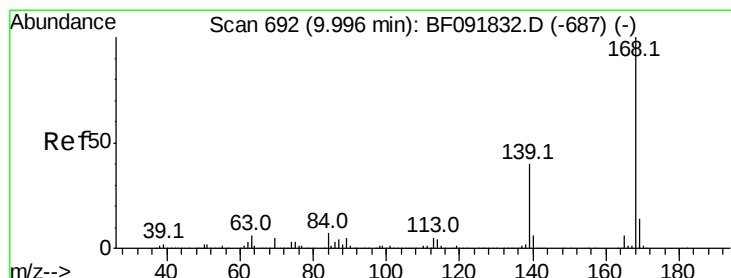
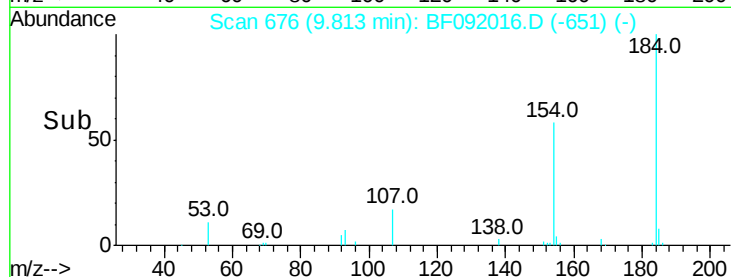
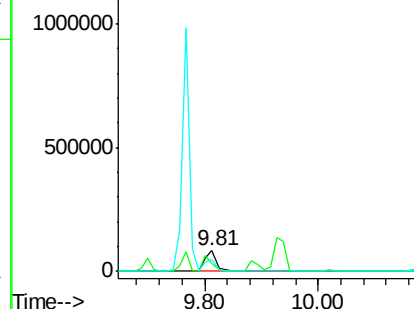
#53  
2,4-Dinitrophenol  
Concen: 36.42 ng  
RT: 9.81 min Scan# 676  
Delta R.T. -0.01 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:184 Resp: 121701  
Ion Ratio Lower Upper  
184 100  
63 40.5 28.4 42.6  
154 58.0 44.3 66.5

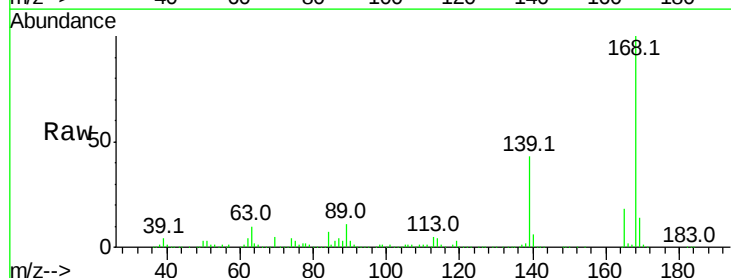


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

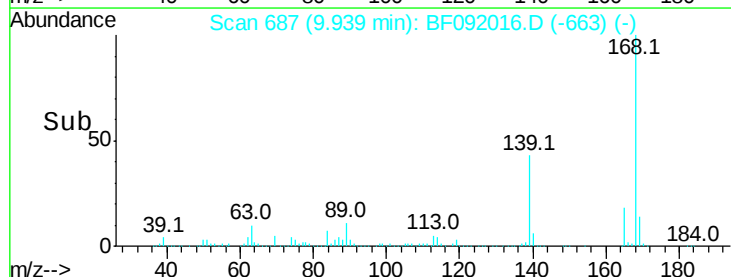
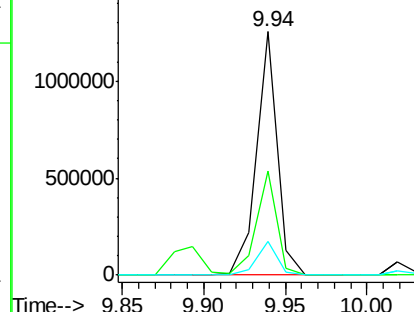


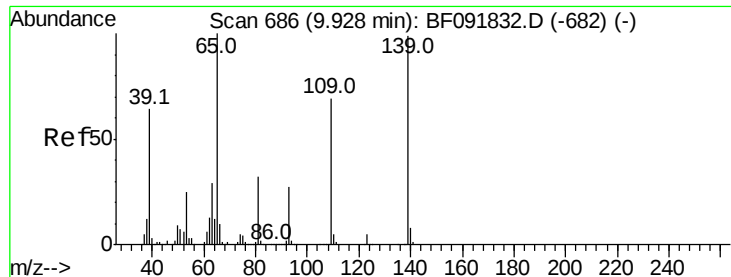
#54  
Dibenzofuran  
Concen: 33.66 ng  
RT: 9.94 min Scan# 687  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion:168 Resp: 1102521  
Ion Ratio Lower Upper  
168 100  
139 42.6 32.6 49.0  
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.60 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

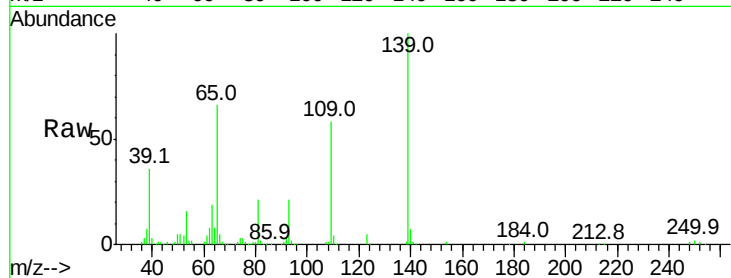
Tot Ion:139 Resp: 204890

Ion Ratio Lower Upper

139 100

109 58.4 52.2 92.2

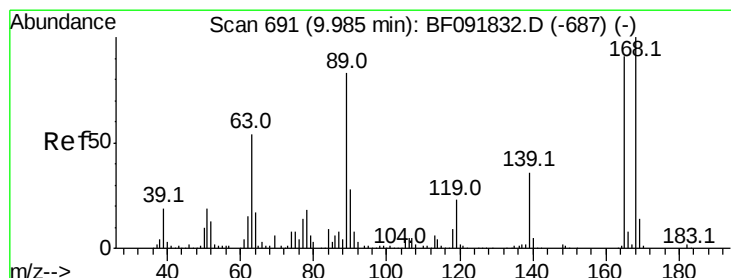
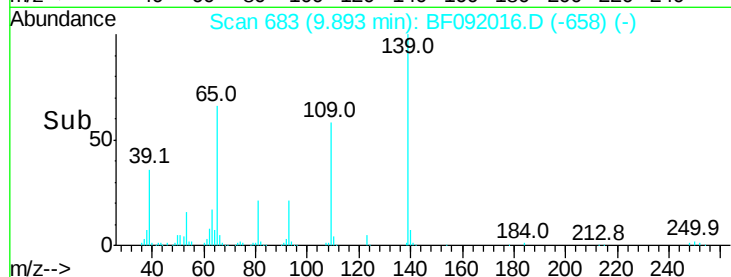
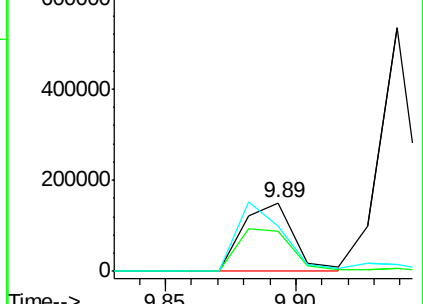
65 66.0 85.8 125.8#



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: 40.33 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Tgt Ion:165 Resp: 304023

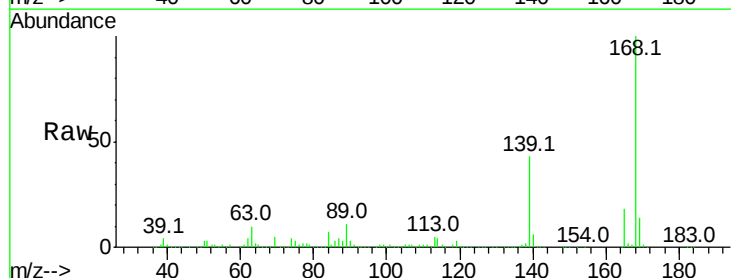
Ion Ratio Lower Upper

165 100

63 55.6 40.2 60.4

89 64.6 62.5 93.7

182 2.2 1.8 2.8

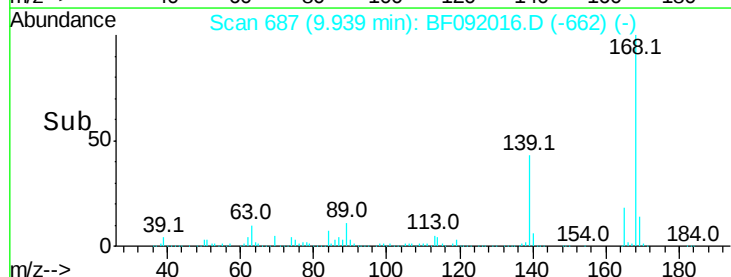
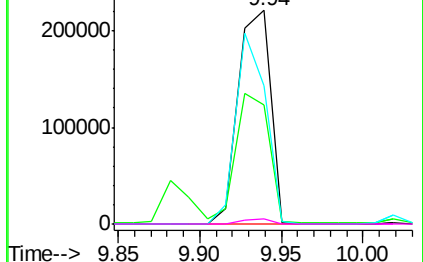


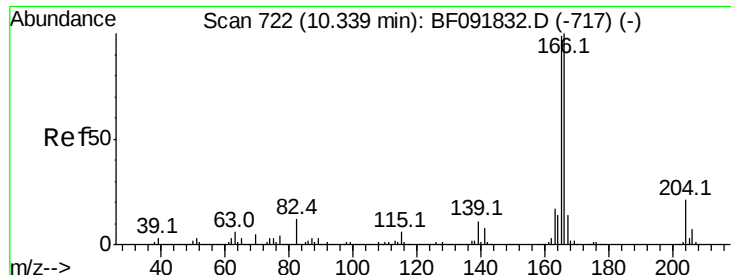
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

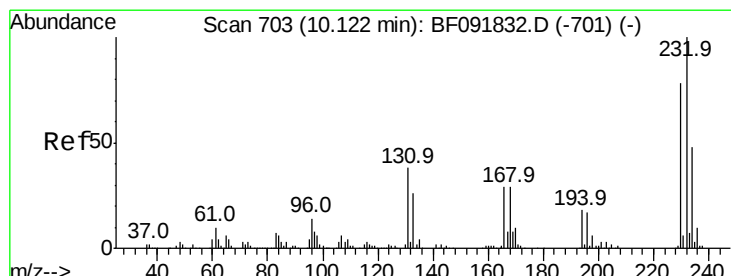
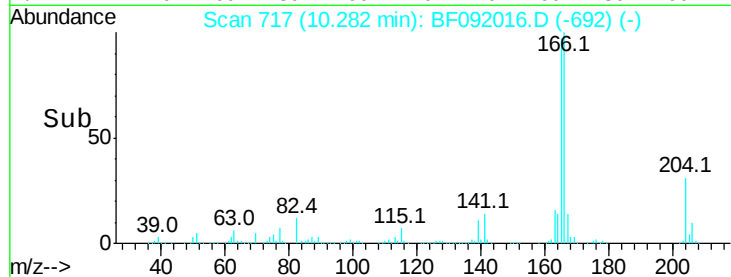
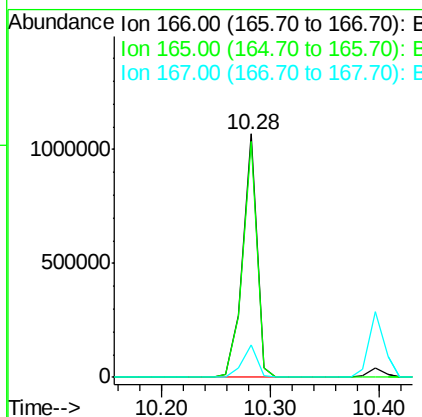
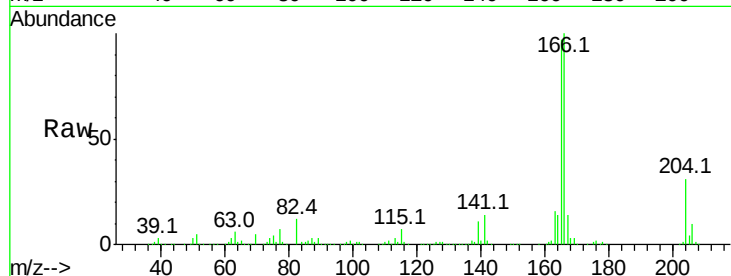




#57  
 Fluorene  
 Concen: 40.21 ng  
 RT: 10.28 min Scan# 717  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

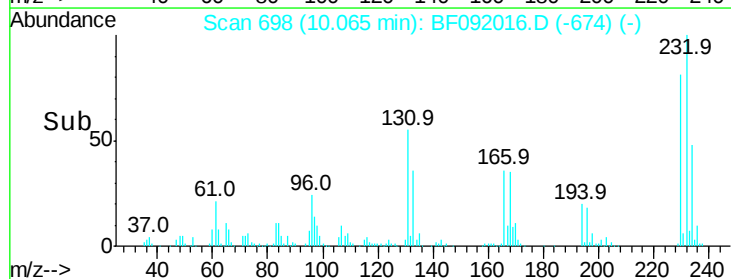
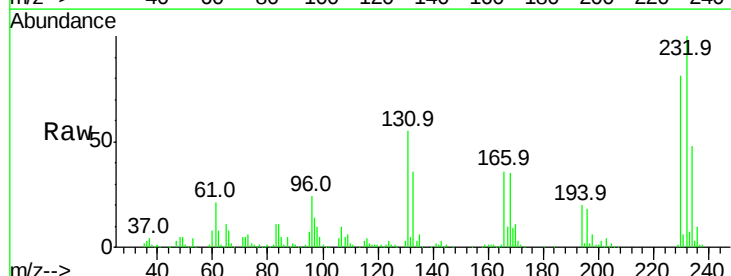
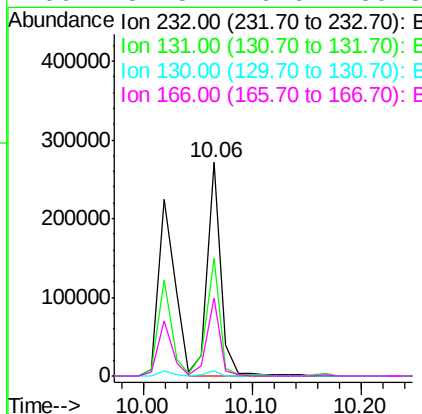
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

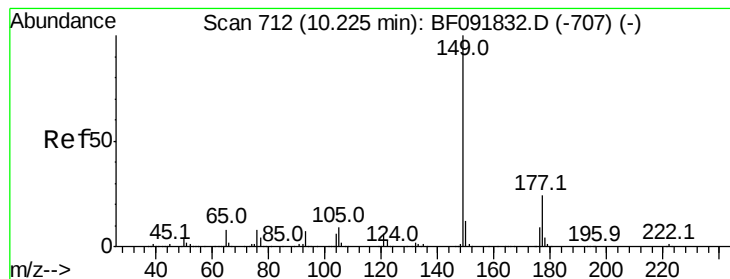
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.1  | 77.8  | 116.8 |
| 167     | 13.5  | 10.8  | 16.2  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.49 ng  
 RT: 10.06 min Scan# 698  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 54.3  | 40.1  | 60.1  |
| 130     | 2.5   | 1.8   | 2.8   |
| 166     | 34.8  | 26.6  | 39.8  |





#59

Diethylphthalate

Concen: 41.17 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

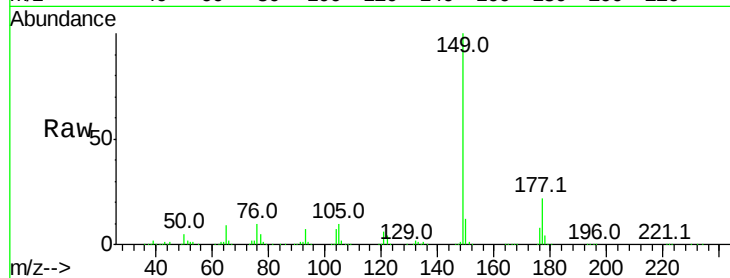
Tot Ion:149 Resp: 1097199

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

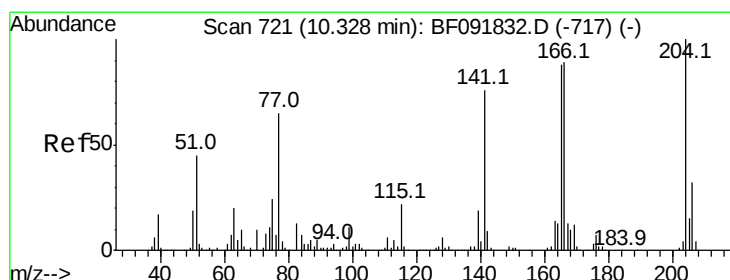
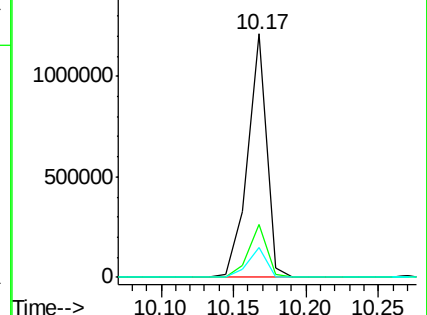
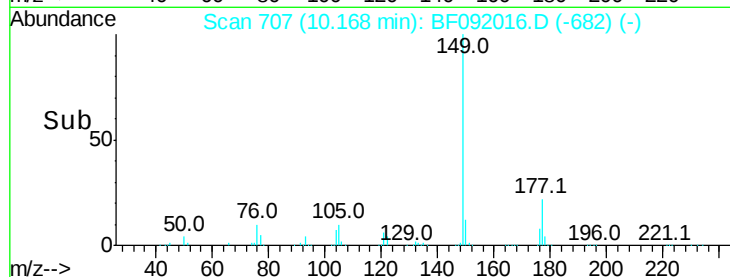
150 12.3 10.4 15.6



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: 39.96 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

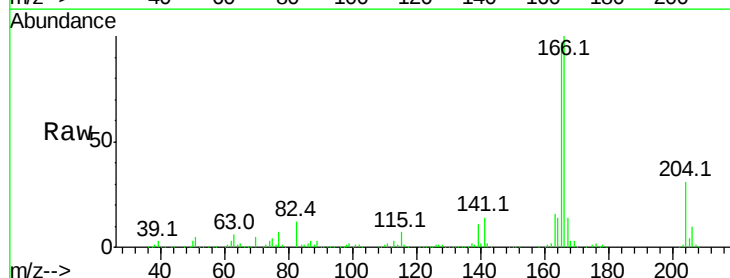
Tgt Ion:204 Resp: 417065

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

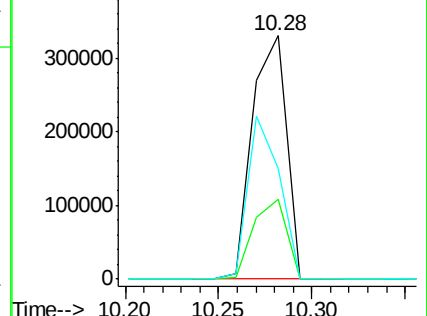
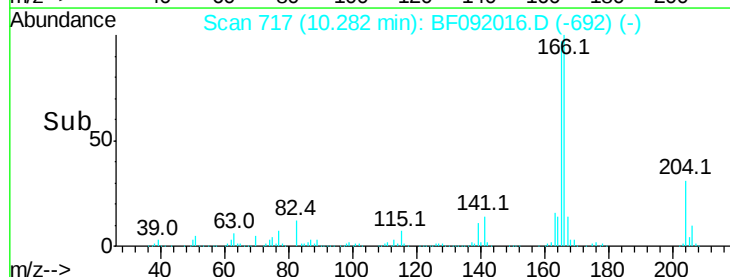
141 45.2 59.4 89.0#

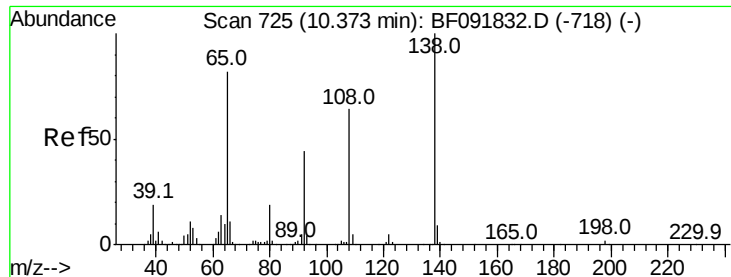


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.94 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

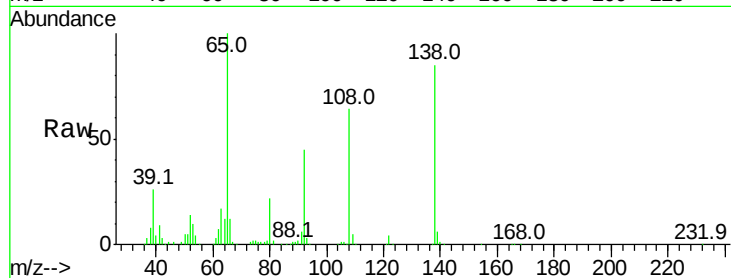
Tot Ion:138 Resp: 284565

Ion Ratio Lower Upper

138 100

92 53.4 31.7 71.7

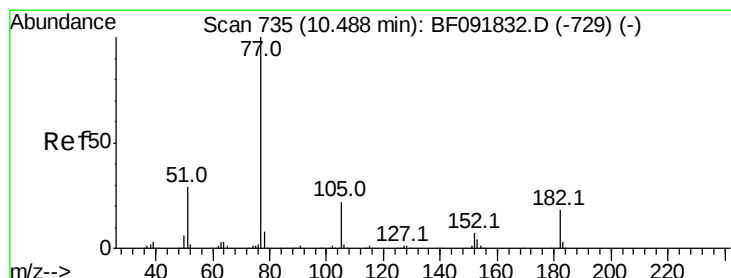
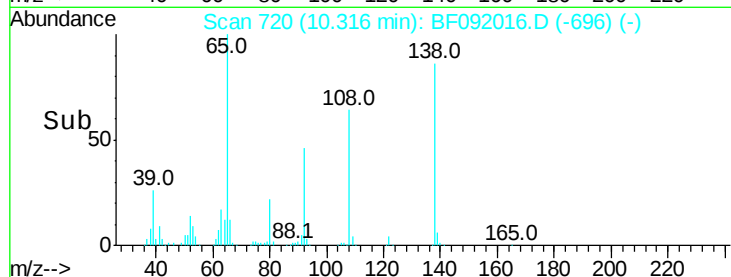
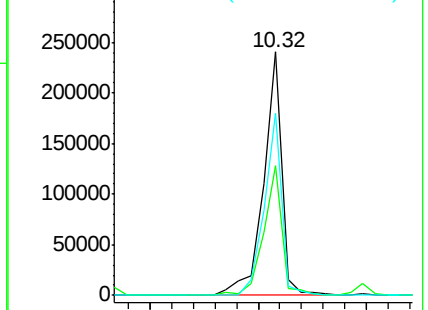
108 74.9 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.35 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Tgt Ion: 77 Resp: 1095949

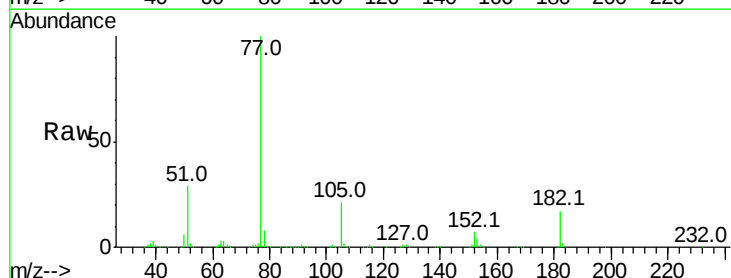
Ion Ratio Lower Upper

77 100

182 16.6 0.0 39.3

105 21.0 2.3 42.3

51 29.4 8.9 48.9

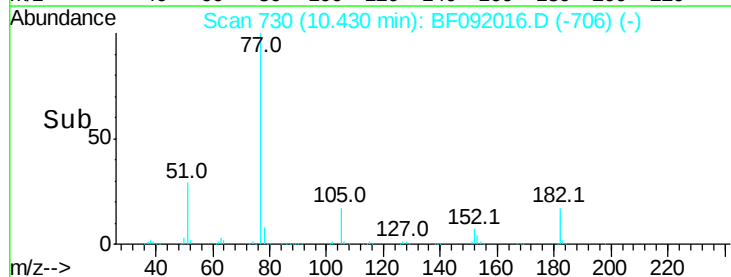
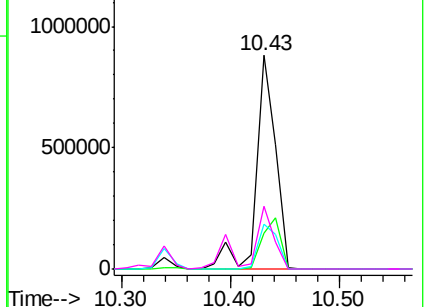


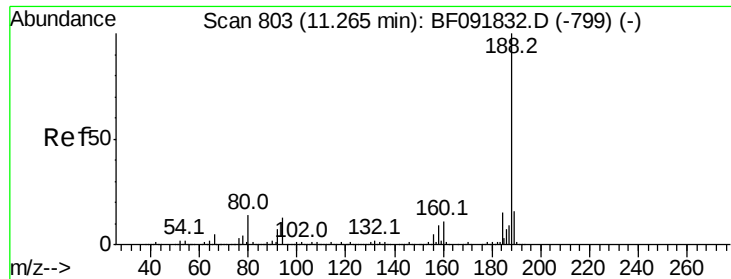
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

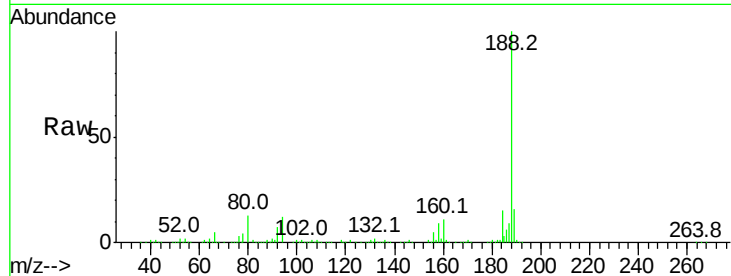




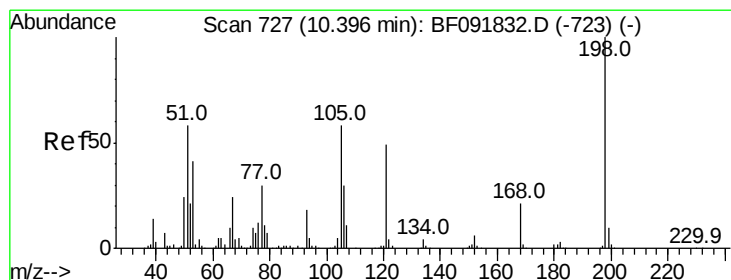
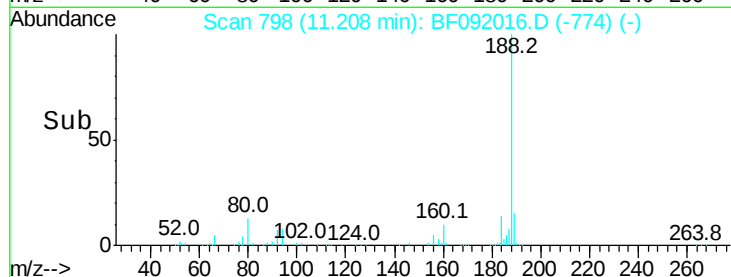
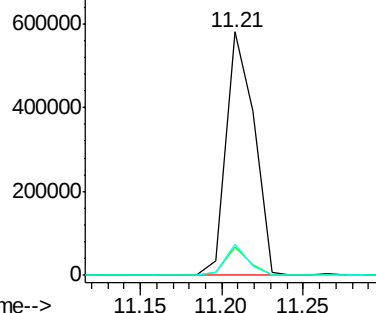
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 798  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:188 Resp: 696435  
Ion Ratio Lower Upper  
188 100  
94 12.0 10.0 15.0  
80 12.9 11.2 16.8

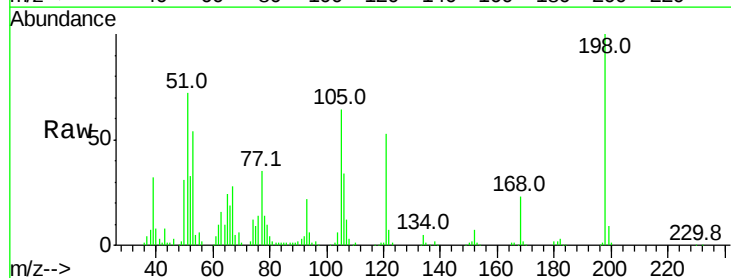


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

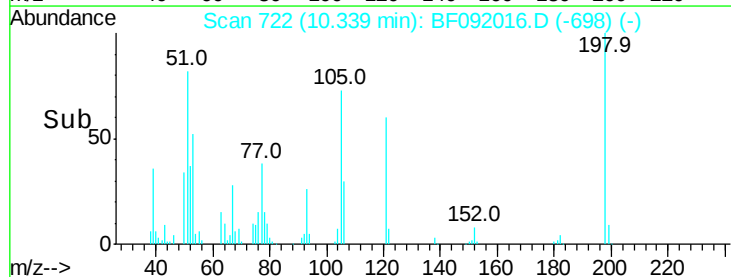
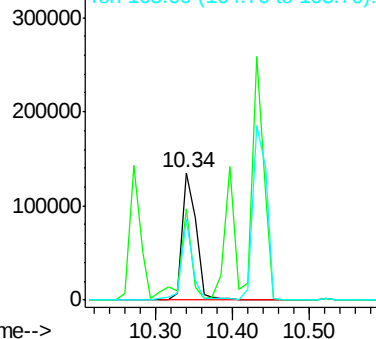


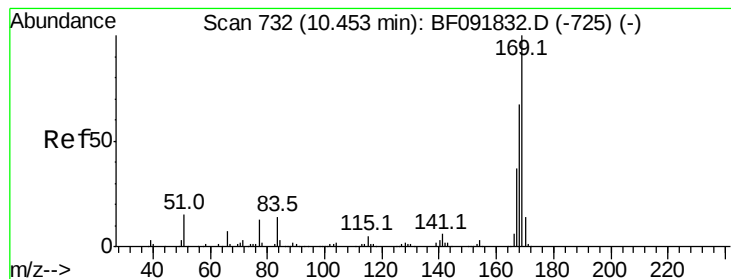
#64  
4,6-Dinitro-2-methylphenol  
Concen: 40.44 ng  
RT: 10.34 min Scan# 722  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion:198 Resp: 170288  
Ion Ratio Lower Upper  
198 100  
51 71.7 6.7 46.7#  
105 63.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.83 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

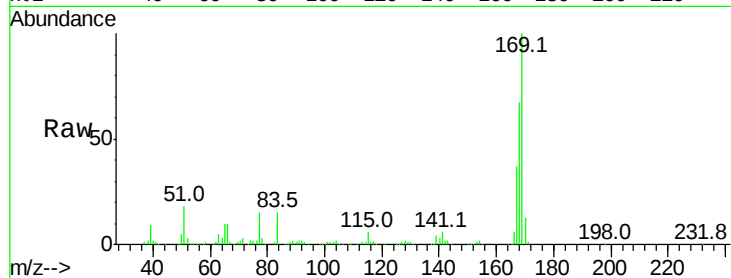
Tot Ion:169 Resp: 781800

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

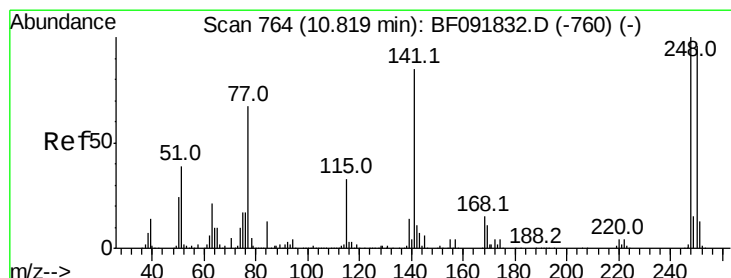
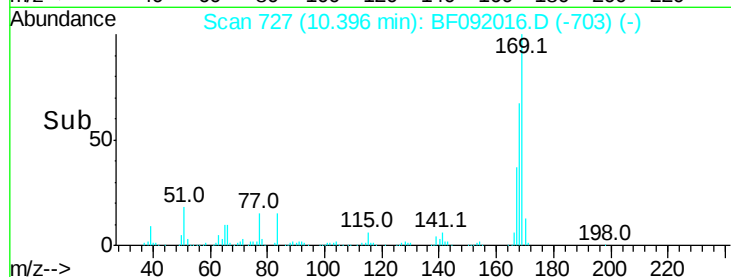
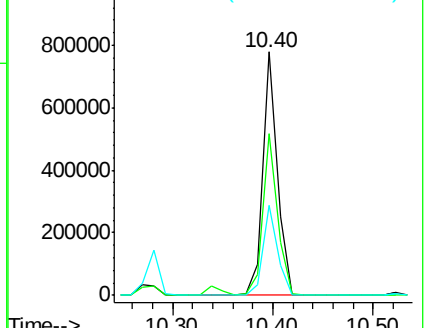
167 36.8 30.2 45.4



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: 37.31 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

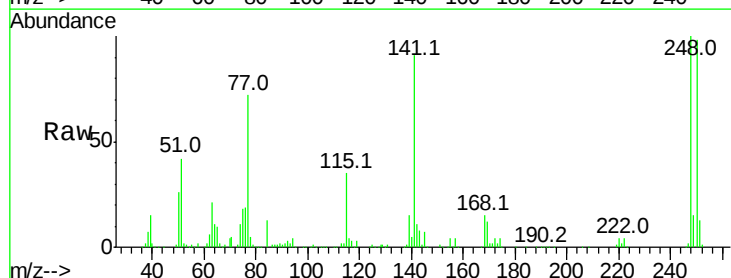
Tgt Ion:248 Resp: 270269

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

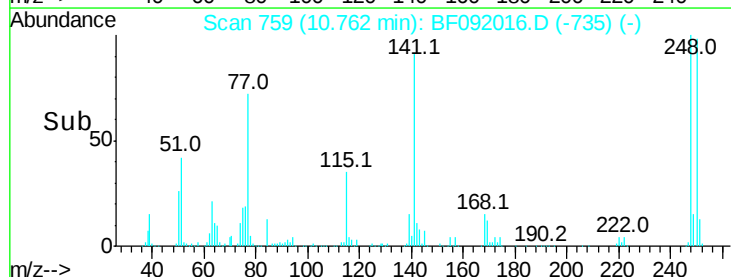
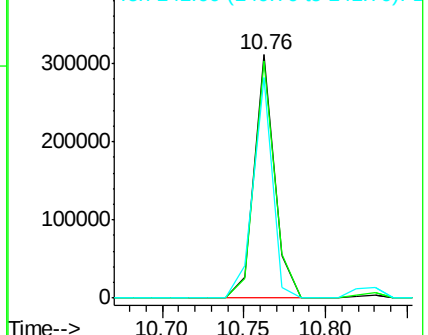
141 90.5 68.2 102.4

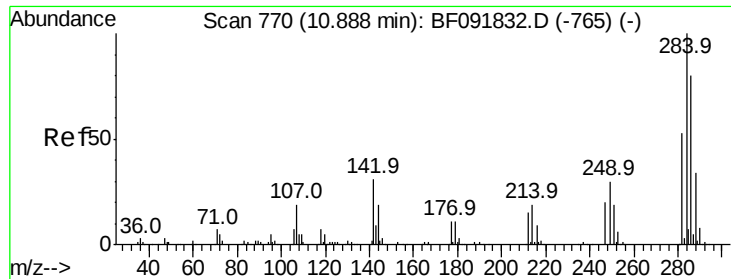


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.30 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

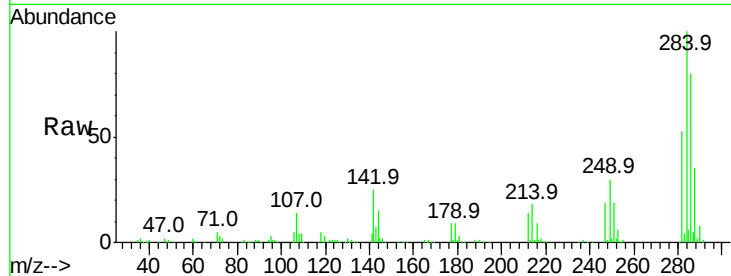
Tot Ion:284 Resp: 312030

Ion Ratio Lower Upper

284 100

142 25.0 22.6 33.8

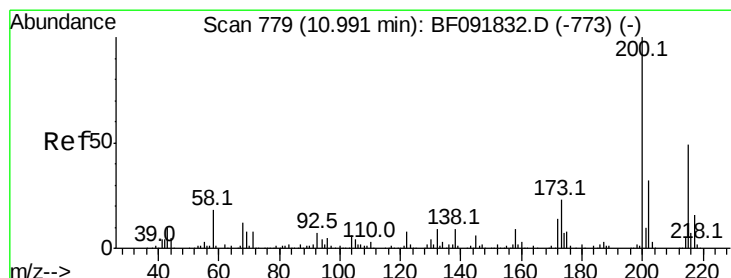
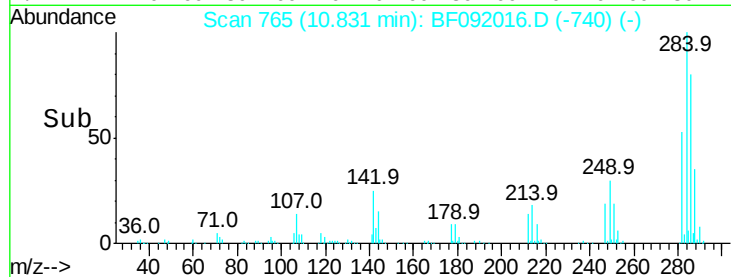
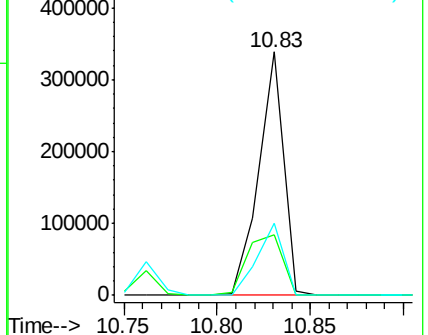
249 29.8 25.4 38.0



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: 37.79 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

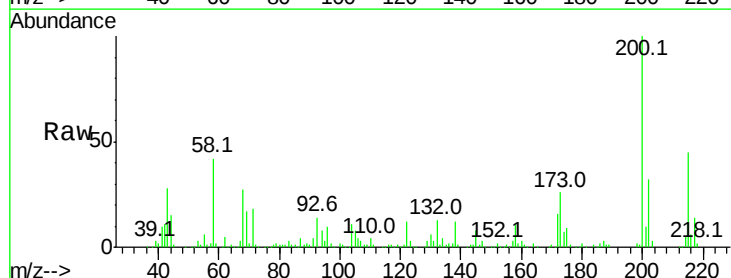
Tgt Ion:200 Resp: 251885

Ion Ratio Lower Upper

200 100

173 26.3 9.6 49.6

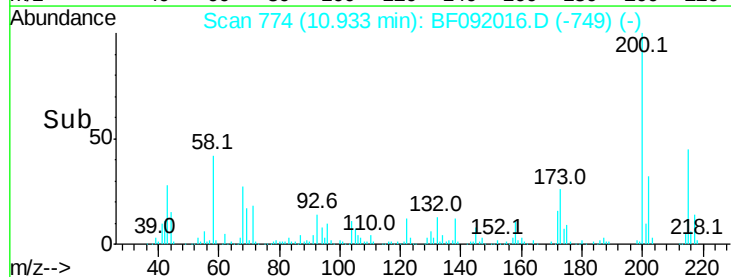
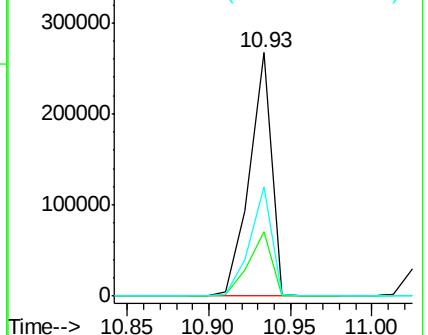
215 44.9 25.7 65.7

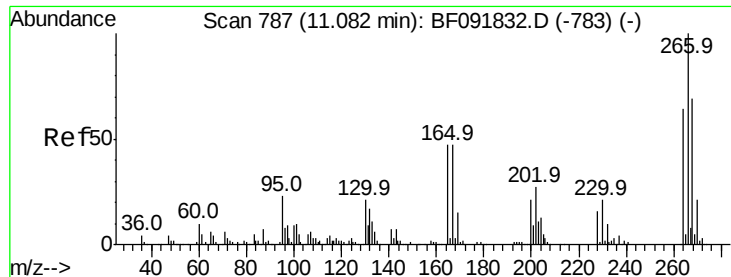


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

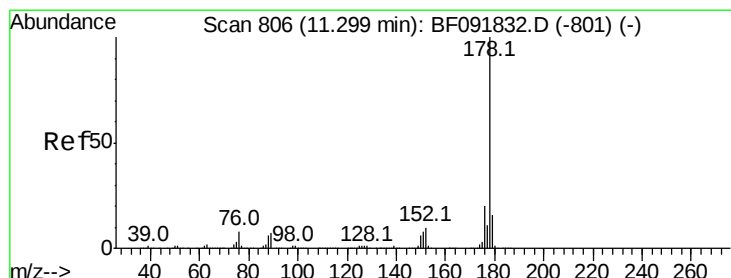
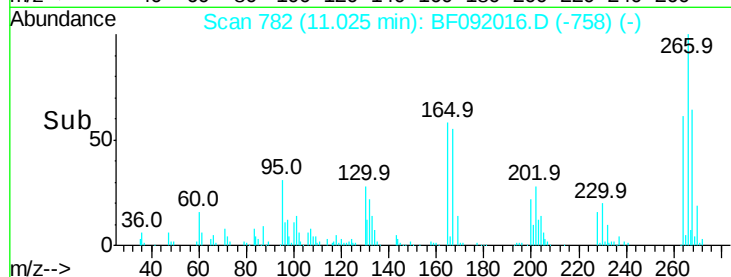
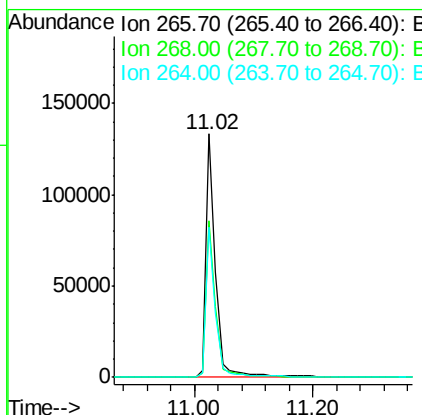
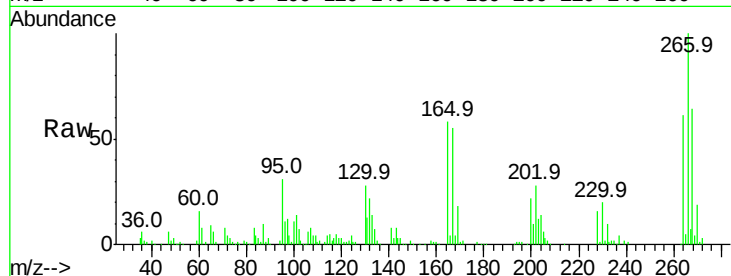




#69  
 Pentachlorophenol  
 Concen: 40.19 ng  
 RT: 11.02 min Scan# 782  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

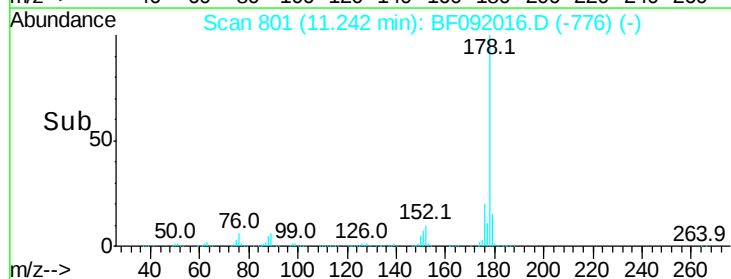
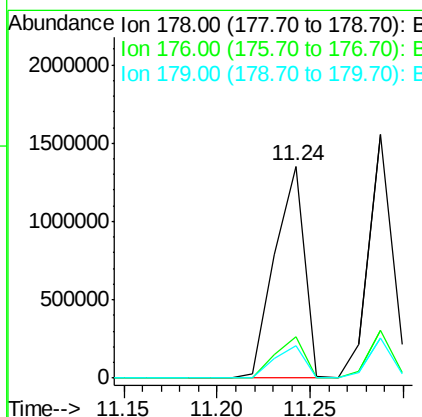
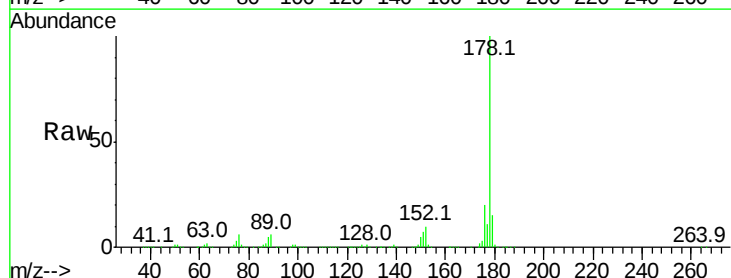
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

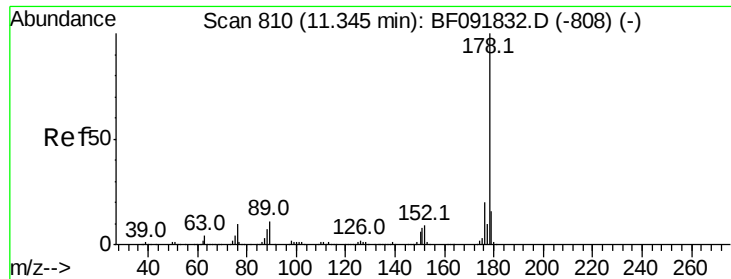
Tot Ion:266 Resp: 152693  
 Ion Ratio Lower Upper  
 266 100  
 268 64.1 53.3 79.9  
 264 61.5 50.3 75.5



#70  
 Phenanthrene  
 Concen: 39.70 ng  
 RT: 11.24 min Scan# 801  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion:178 Resp: 1499244  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.6 25.0  
 179 15.4 12.8 19.2

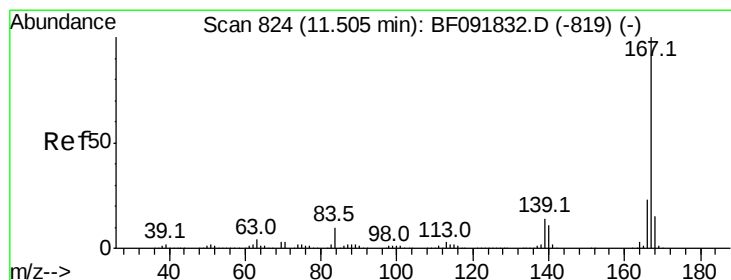
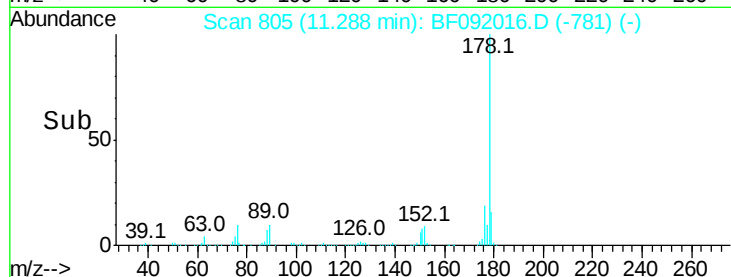
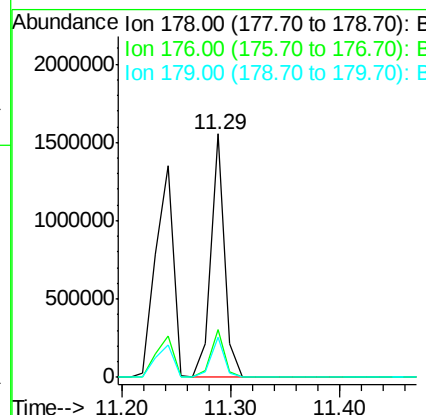
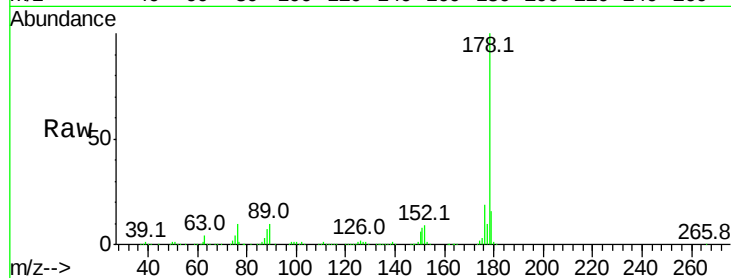




#71  
 Anthracene  
 Concen: 39.30 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

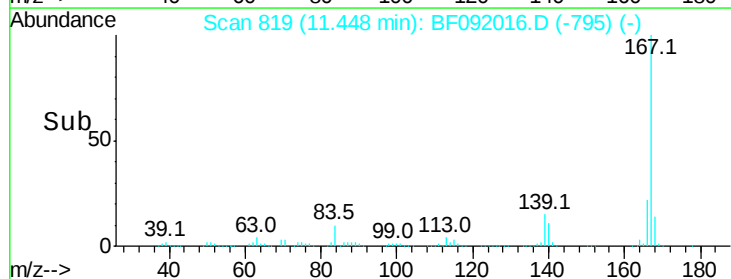
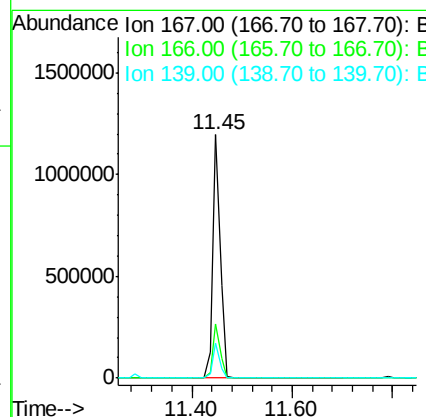
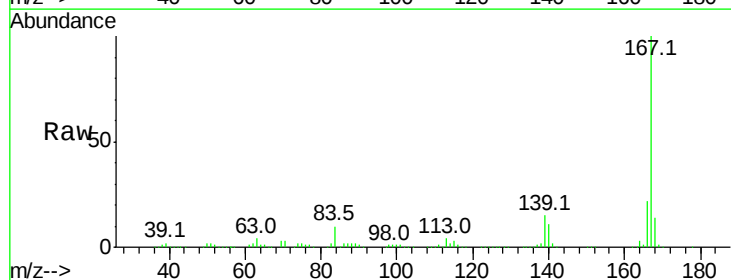
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

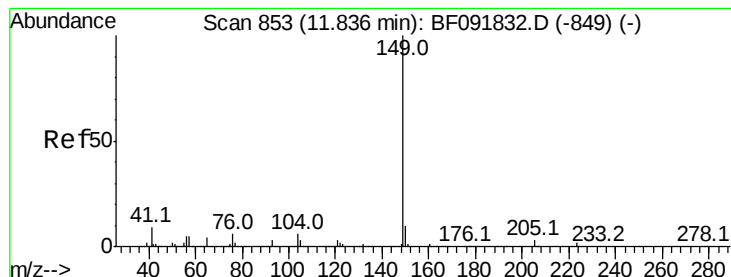
Tot Ion:178 Resp: 1373751  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.9 23.9  
 179 16.4 13.2 19.8



#72  
 Carbazole  
 Concen: 37.23 ng  
 RT: 11.45 min Scan# 819  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion:167 Resp: 1246780  
 Ion Ratio Lower Upper  
 167 100  
 166 22.2 18.2 27.2  
 139 14.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.71 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

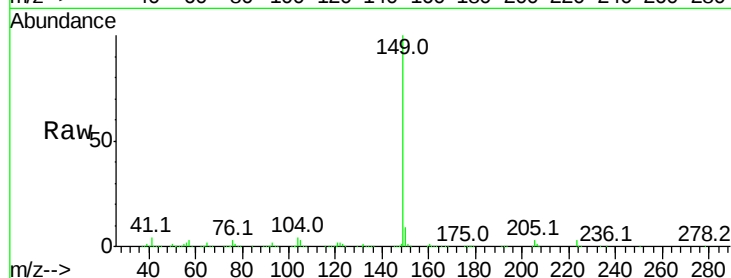
Tot Ion:149 Resp: 1665903

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

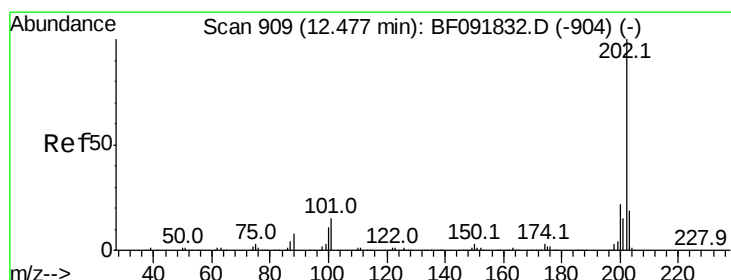
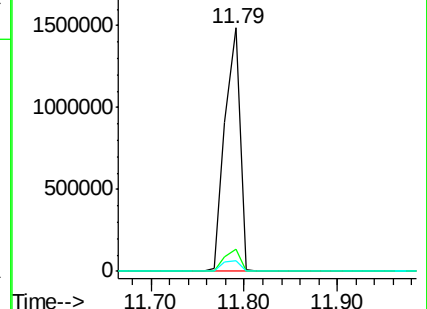
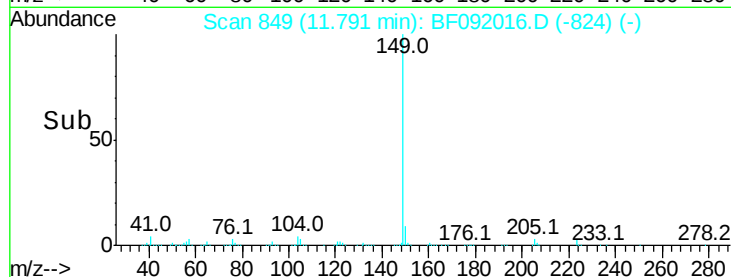
104 4.2 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.50 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

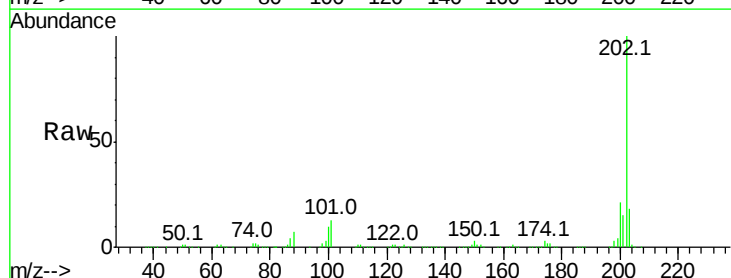
Tgt Ion:202 Resp: 1384676

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.6

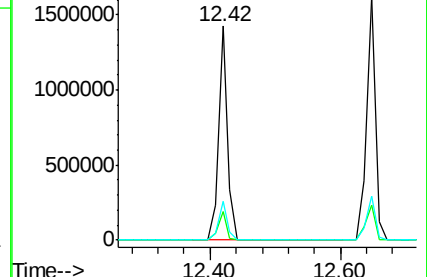
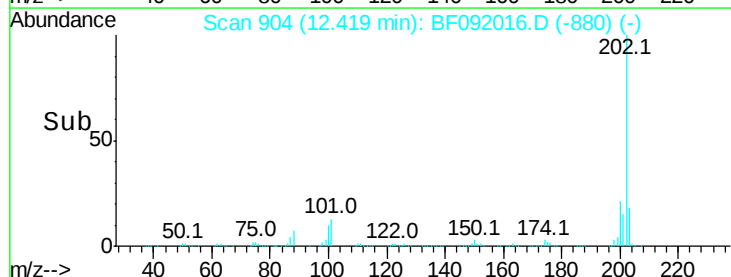
203 18.3 0.0 38.7

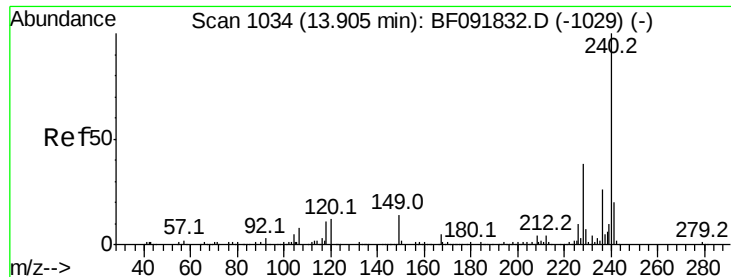


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

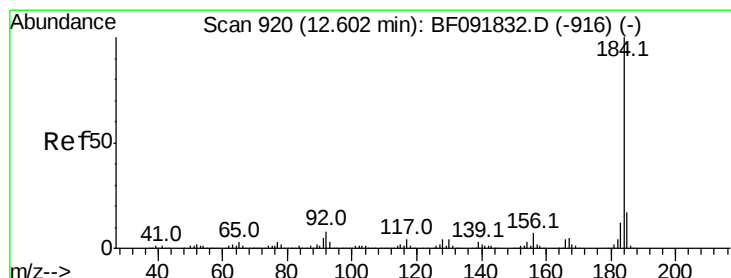
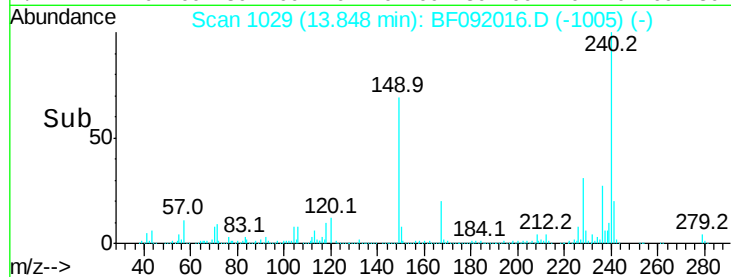
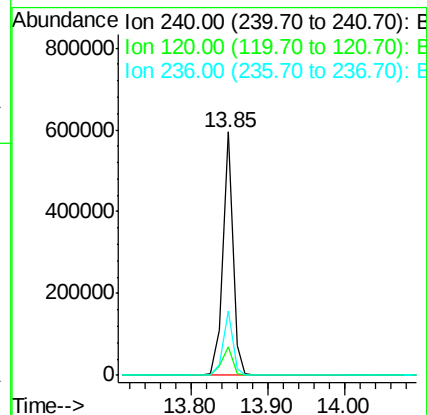
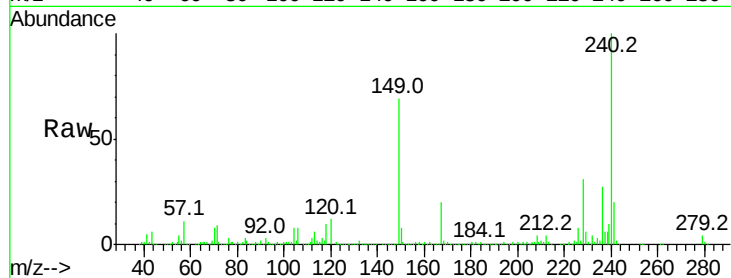
Tot Ion:240 Resp: 545531

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

236 26.7 20.9 31.3



#76

Benzidine

Concen: 39.64 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

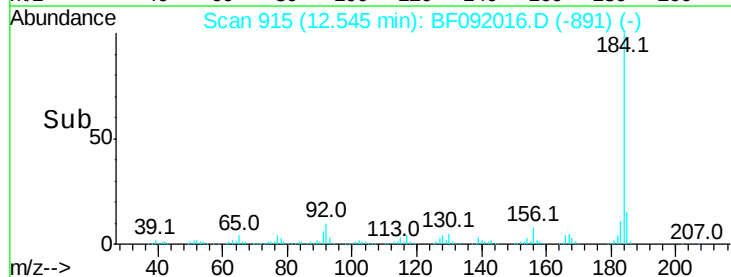
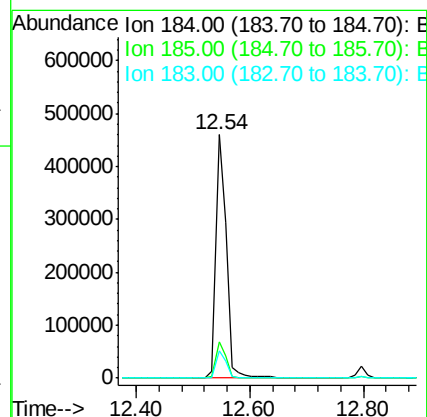
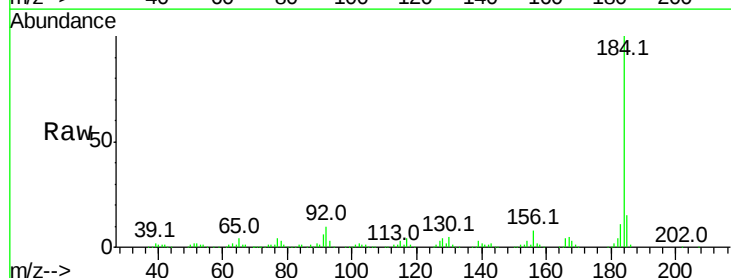
Tgt Ion:184 Resp: 566193

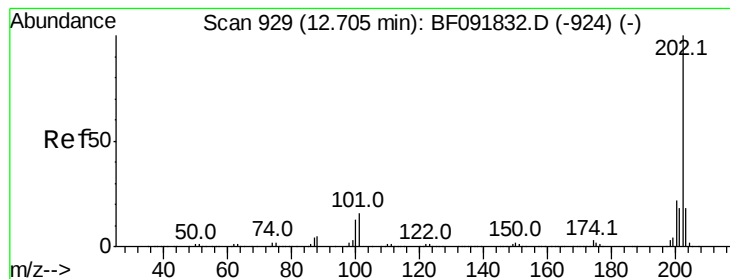
Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

183 11.2 9.2 13.8





#77

Pvrene

Concen: 37.06 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

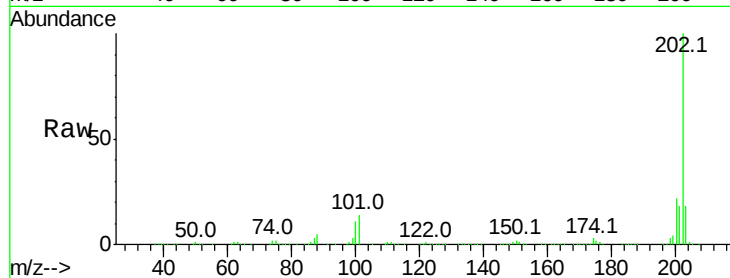
Tot Ion:202 Resp: 1483429

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

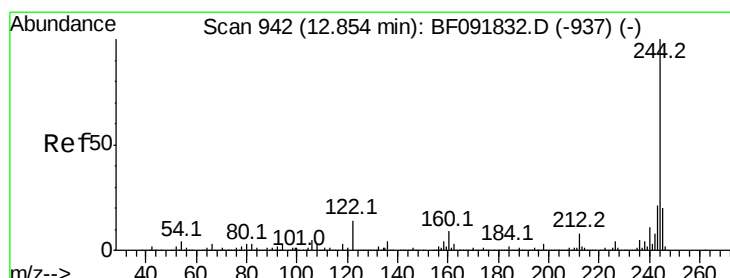
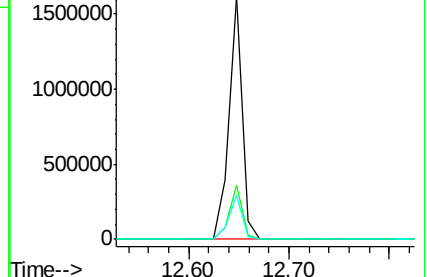
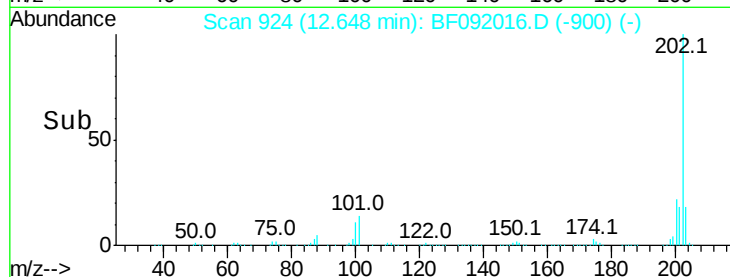
203 18.1 14.7 22.1



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: 71.02 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

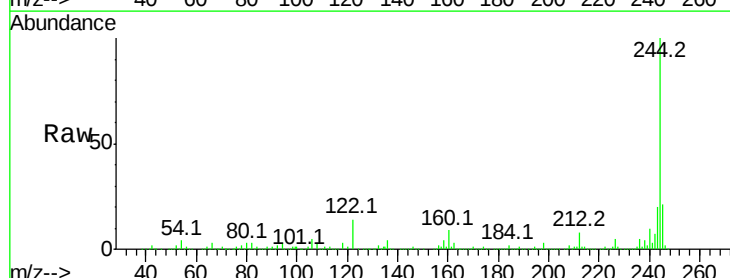
Tgt Ion:244 Resp: 1597566

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

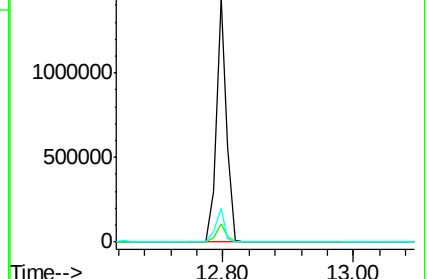
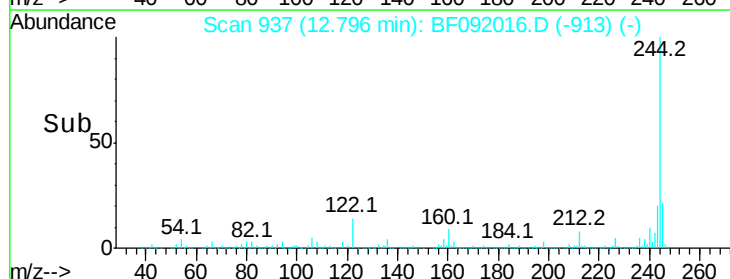
122 13.9 11.4 17.2

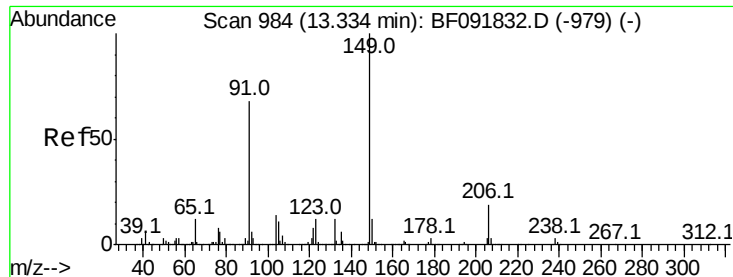


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

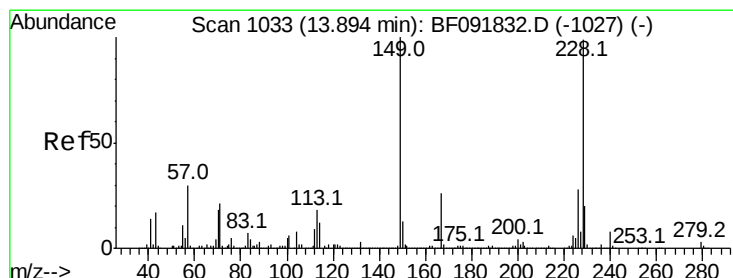
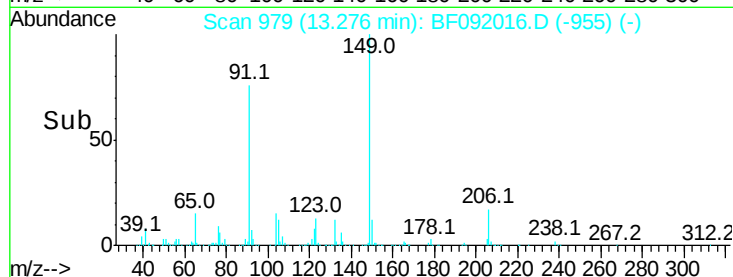
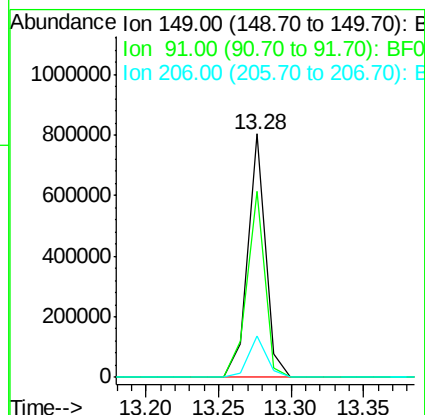
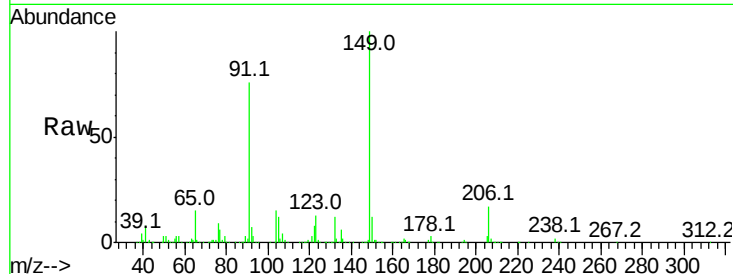




#79  
Butylbenzylphthalate  
Concen: 37.45 ng  
RT: 13.28 min Scan# 979  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

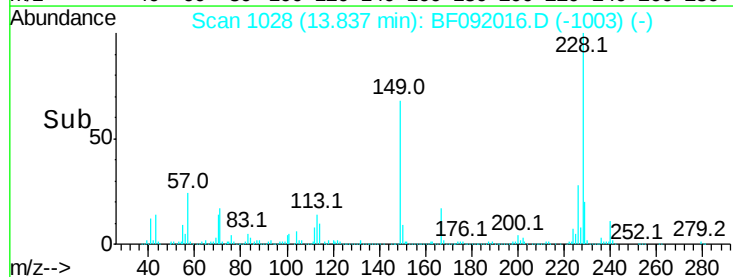
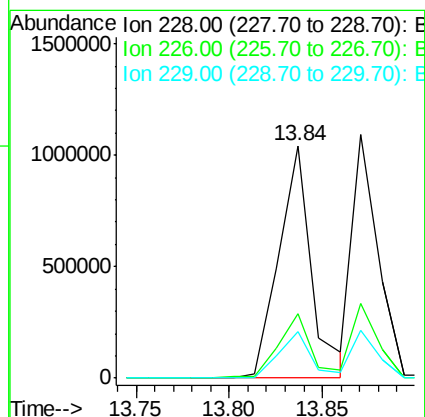
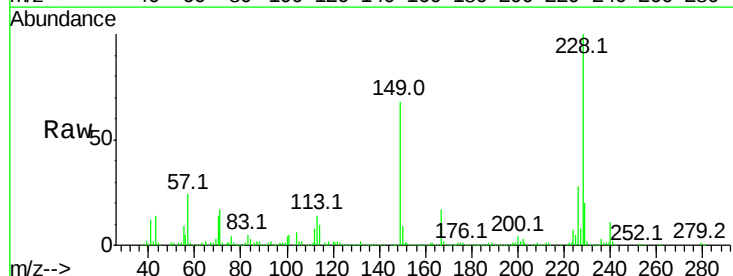
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

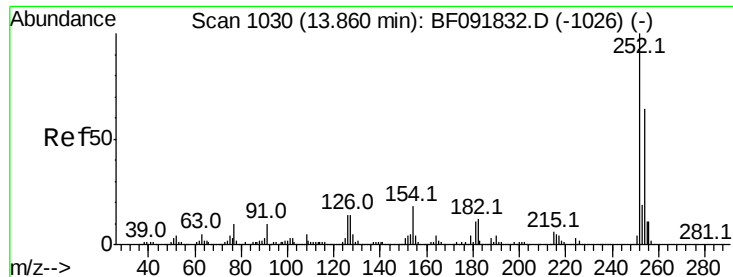
Tot Ion:149 Resp: 681831  
Ion Ratio Lower Upper  
149 100  
91 76.3 63.9 95.9  
206 16.9 14.6 21.8



#80  
Benzo(a)anthracene  
Concen: 41.17 ng  
RT: 13.84 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion:228 Resp: 1267810  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.4 33.6  
229 19.8 16.2 24.4

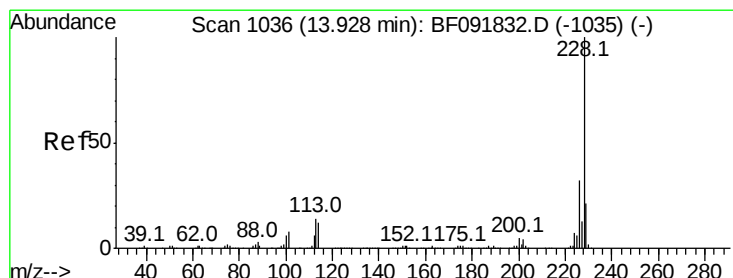
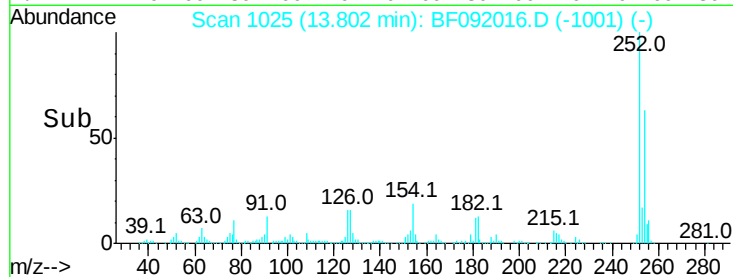
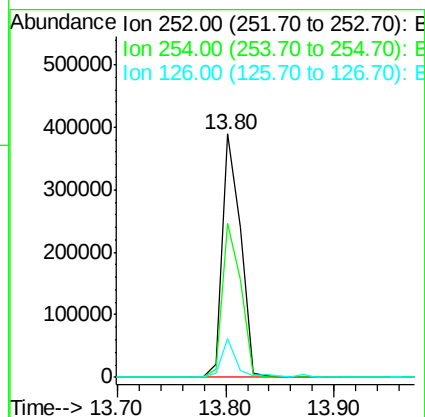
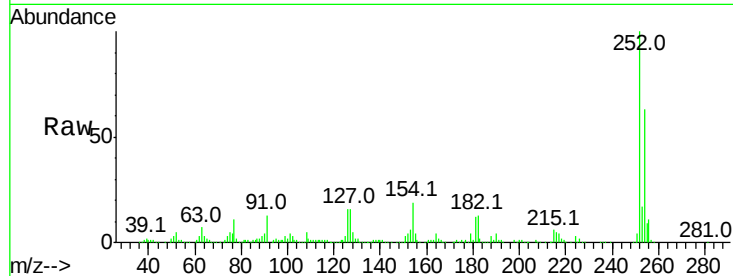




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.06 ng  
 RT: 13.80 min Scan# 1025  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

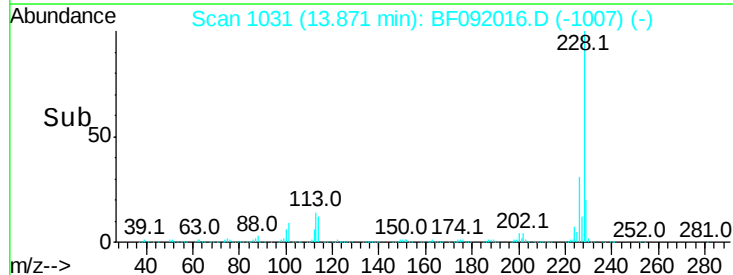
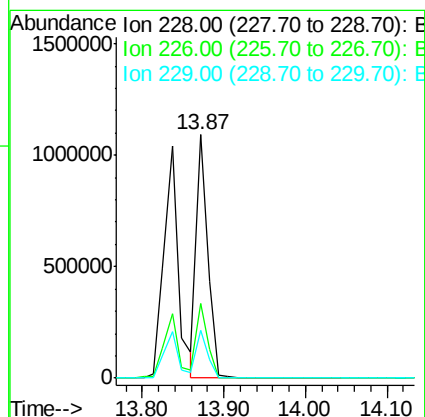
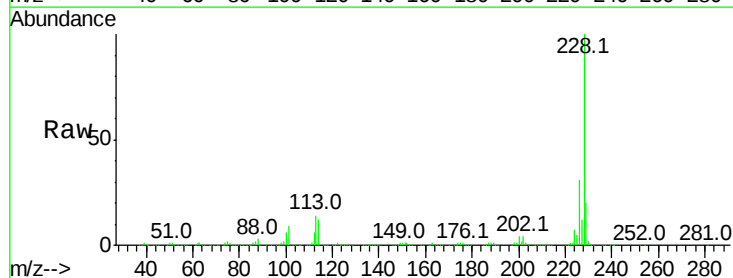
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

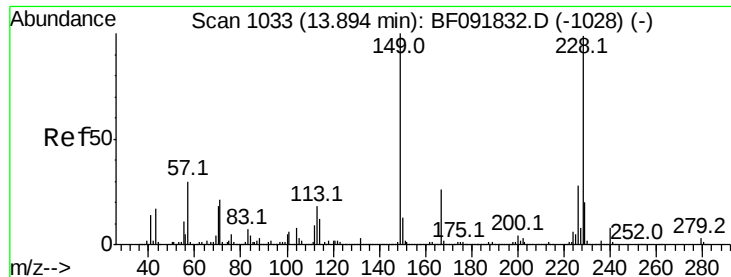
Tot Ion:252 Resp: 456142  
 Ion Ratio Lower Upper  
 252 100  
 254 63.1 52.3 78.5  
 126 16.0 13.6 20.4



#82  
 Chrysene  
 Concen: 34.72 ng  
 RT: 13.87 min Scan# 1031  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion:228 Resp: 1072427  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 25.4 38.0  
 229 19.5 16.2 24.2

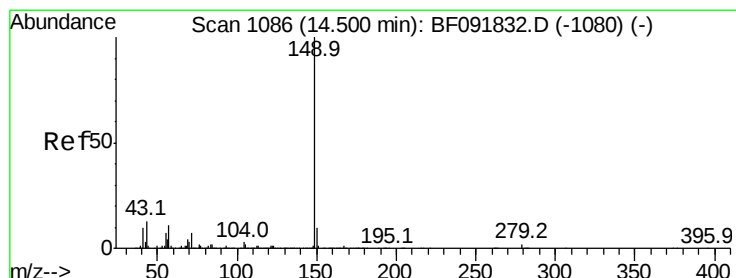
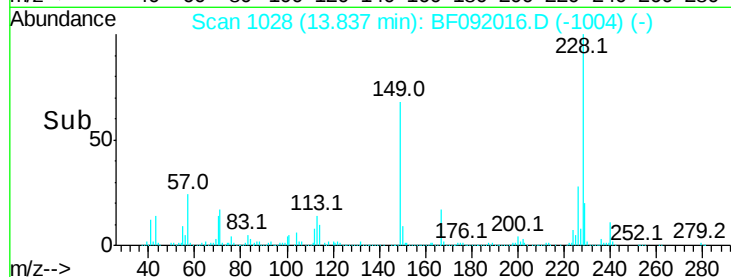
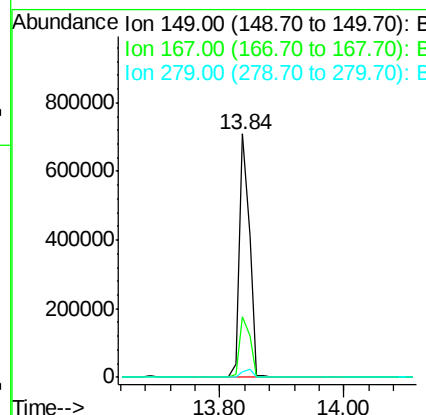
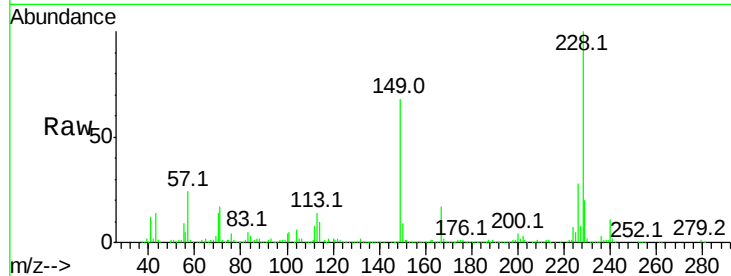




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.75 ng  
 RT: 13.84 min Scan# 1028  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

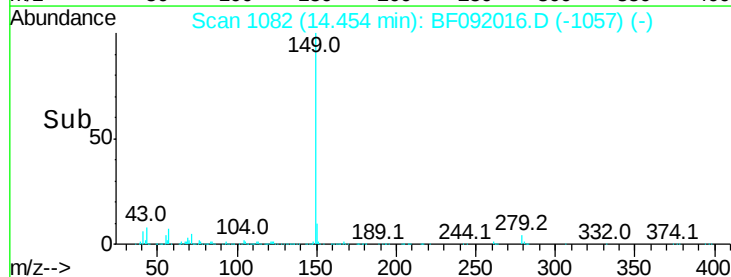
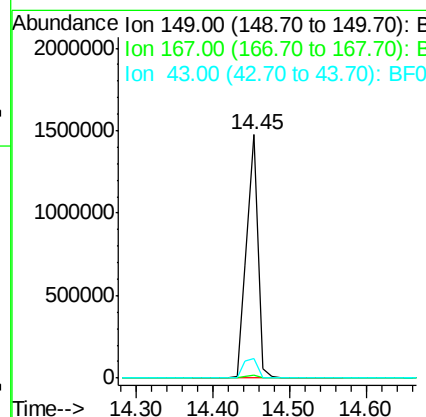
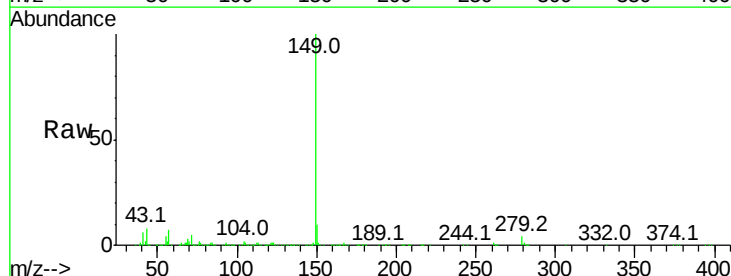
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

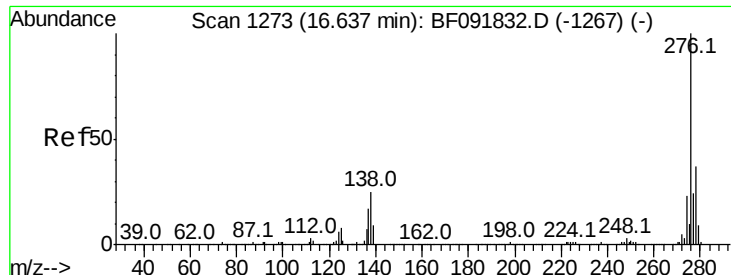
Tot Ion:149 Resp: 809253  
 Ion Ratio Lower Upper  
 149 100  
 167 24.9 20.2 30.4  
 279 2.1 1.8 2.8



#84  
 Di-n-octyl phthalate  
 Concen: 38.88 ng  
 RT: 14.45 min Scan# 1082  
 Delta R.T. -0.01 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

Tgt Ion:149 Resp: 1544217  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.3 1.9  
 43 10.6 8.9 13.3

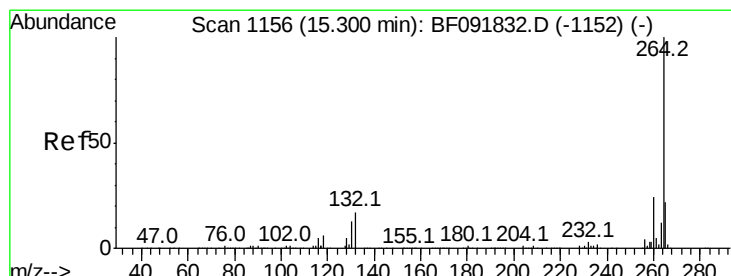
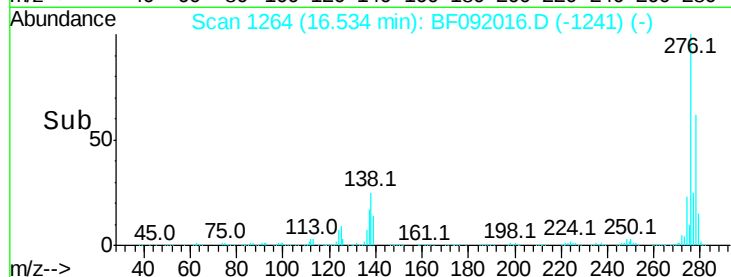
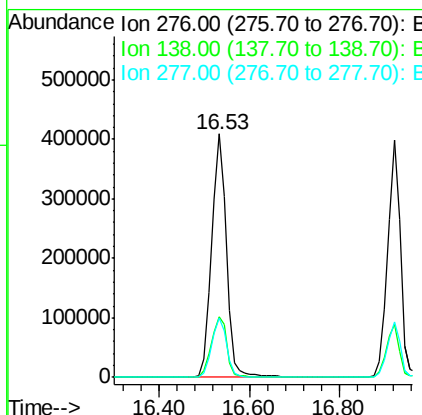
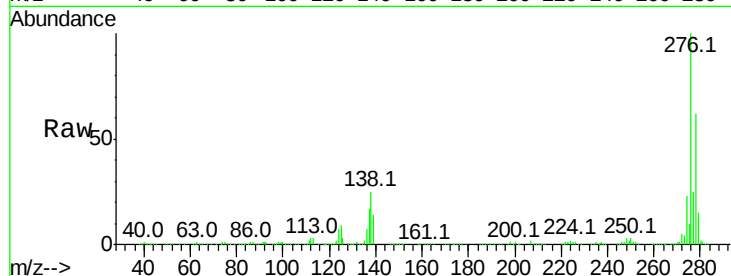




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.25 ng  
 RT: 16.53 min Scan# 1264  
 Delta R.T. -0.03 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

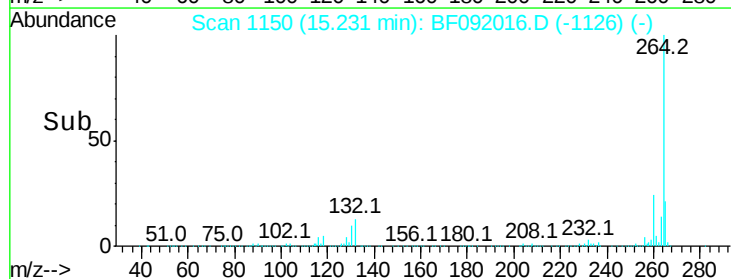
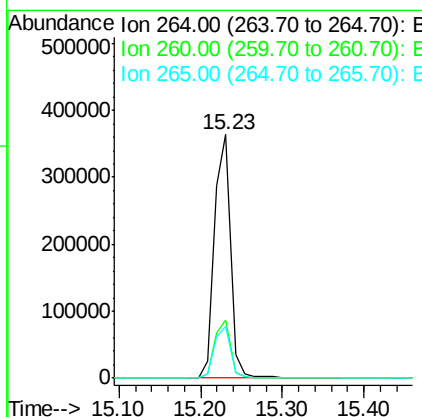
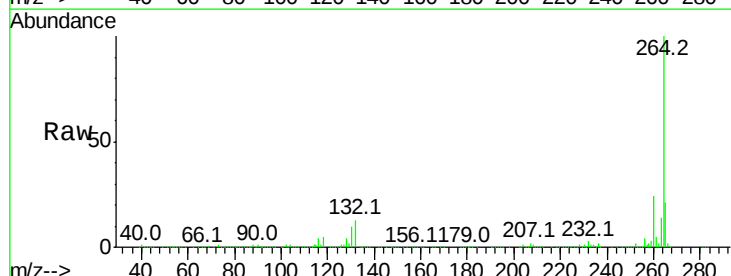
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

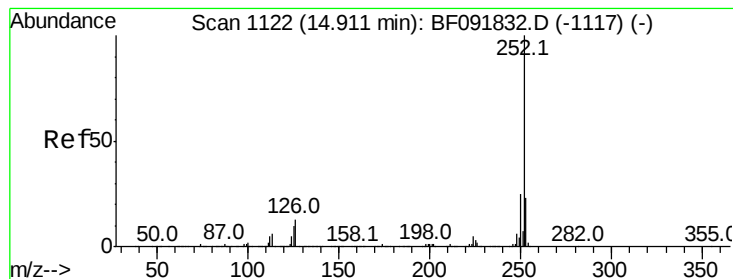
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.4  | 21.8  | 32.6  |
| 277     | 24.8  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.23 min Scan# 1150  
 Delta R.T. -0.02 min  
 Lab File: BF092016.D  
 Acq: 29 Dec 2016 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.2  | 28.8  |
| 265     | 21.0  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 71.86 ng

RT: 14.88 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

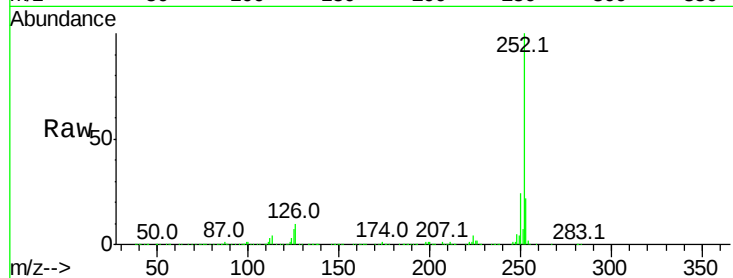
Tot Ion:252 Resp: 2232907

Ion Ratio Lower Upper

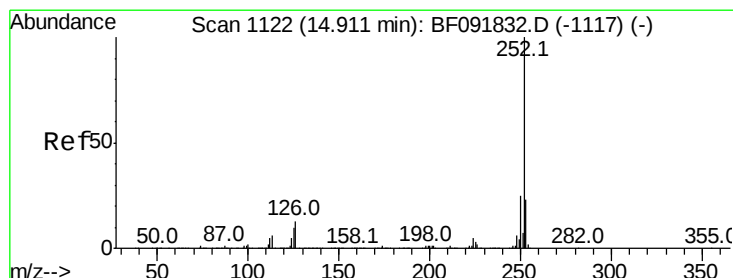
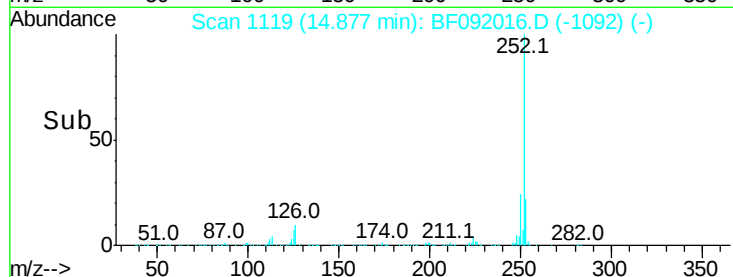
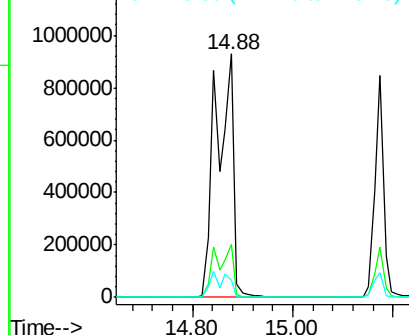
252 100

253 22.0 18.2 27.4

125 7.0 9.8 14.6#



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



#88

Benzo(k)fluoranthene

Concen: 84.29 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

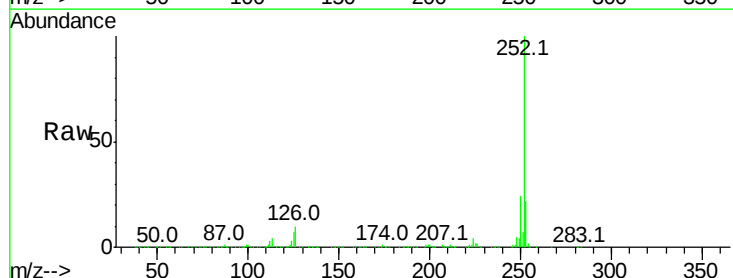
Tgt Ion:252 Resp: 2233517

Ion Ratio Lower Upper

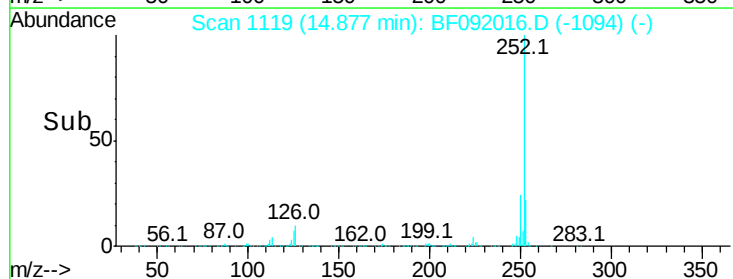
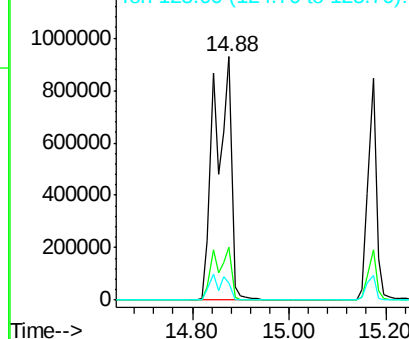
252 100

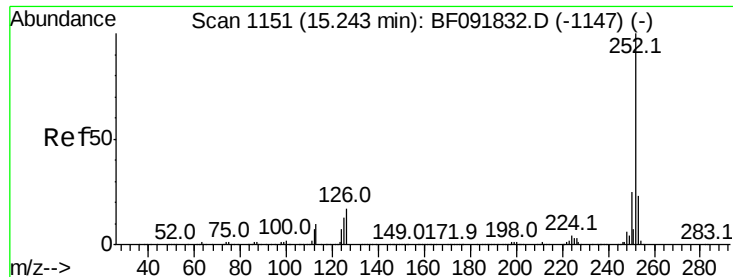
253 22.0 18.5 27.7

125 7.0 8.9 13.3#



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

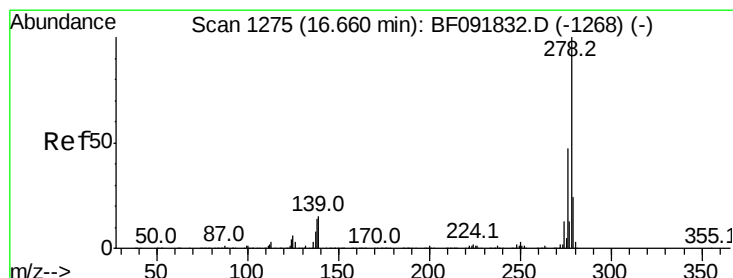
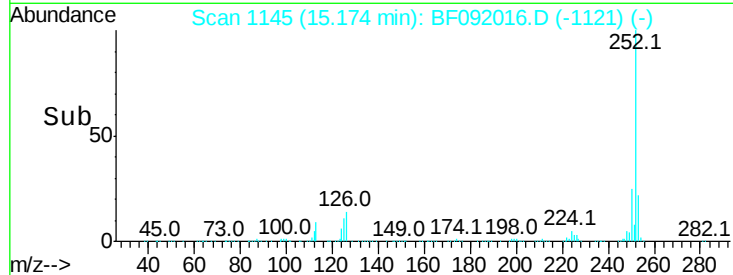
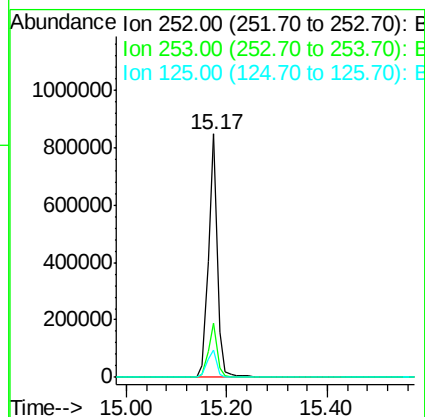
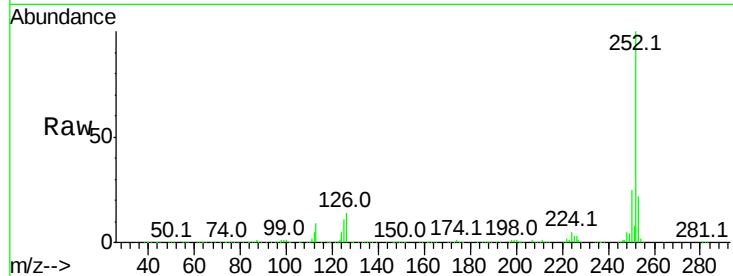




#89  
Benzo(a)pyrene  
Concen: 37.35 ng  
RT: 15.17 min Scan# 1145  
Delta R.T. -0.02 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

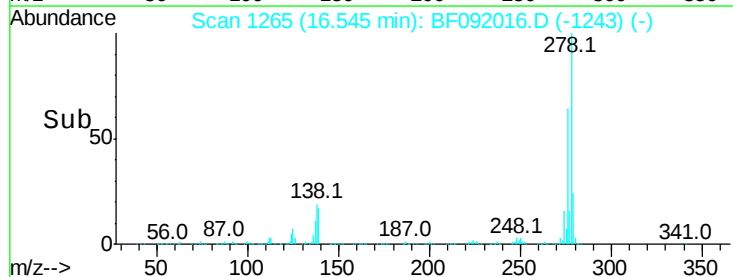
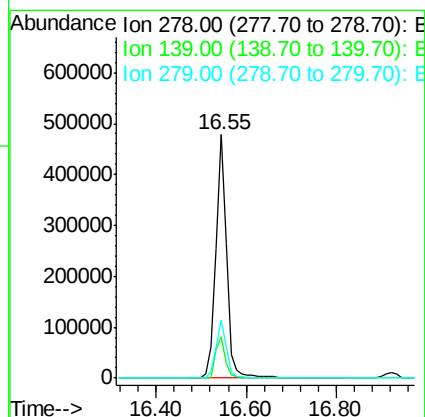
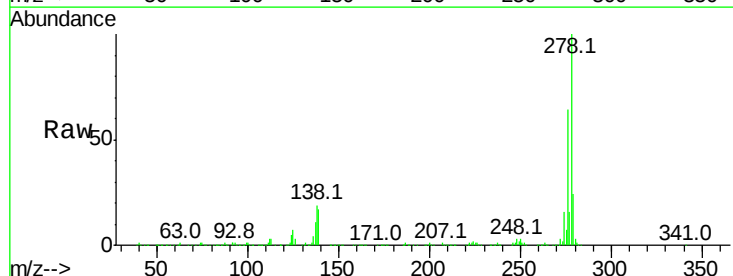
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

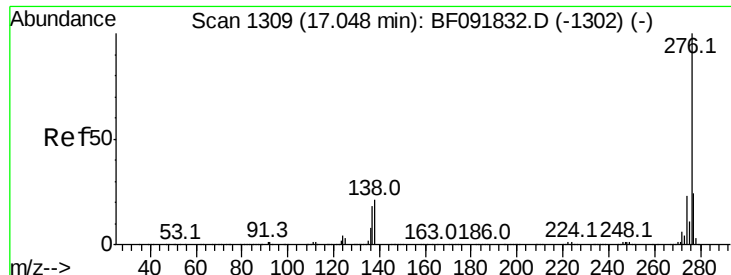
Tot Ion:252 Resp: 1030235  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.2  
125 11.0 10.0 15.0



#90  
Dibenzo(a,h)anthracene  
Concen: 35.49 ng  
RT: 16.55 min Scan# 1265  
Delta R.T. -0.05 min  
Lab File: BF092016.D  
Acq: 29 Dec 2016 11:05

Tgt Ion:278 Resp: 804605  
Ion Ratio Lower Upper  
278 100  
139 17.2 14.8 22.2  
279 23.6 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 33.97 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF092016.D

Acq: 29 Dec 2016 11:05

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

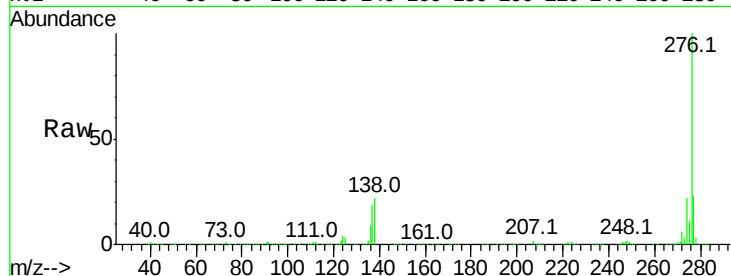
Tot Ion:276 Resp: 800857

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 22.3 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

