

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121718\  
 Data File : BF111541.D  
 Acq On : 17 Dec 2018 16:11  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 18 04:09:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 162819   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 802676   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 391912   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 842974   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 622783   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 508224   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 790260  | 80.77 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 1004625 | 77.19 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1132604 | 84.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 272932  | 77.74 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.15  | 172 | 1964447 | 77.42 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.90 | 244 | 2011752 | 75.85 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 206167  | 43.627 | ng | 98     |
| 3) Pyridine                    | 3.25 | 79  | 533202  | 44.925 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.19 | 42  | 247431  | 45.897 | ng | 91     |
| 6) Aniline                     | 6.46 | 93  | 619800  | 38.391 | ng | # 27   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 473684  | 40.517 | ng | 95     |
| 9) Benzaldehyde                | 6.34 | 77  | 276791  | 35.063 | ng | 96     |
| 10) Phenol                     | 6.46 | 94  | 559219  | 38.571 | ng | # 68   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 442737  | 38.954 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 524419  | 40.750 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 527745  | 40.402 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 498521  | 40.567 | ng | 98     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 401380  | 40.531 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 887188  | 39.979 | ng | 88     |
| 17) 2-Methylphenol             | 7.06 | 107 | 377965  | 40.172 | ng | # 92   |
| 18) Hexachloroethane           | 7.30 | 117 | 225348  | 46.356 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 375533  | 43.735 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 537114  | 45.510 | ng | # 81   |
| 22) Acetophenone               | 7.20 | 105 | 741969  | 41.408 | ng | # 90   |
| 24) Nitrobenzene               | 7.37 | 77  | 569780  | 41.437 | ng | 98     |
| 25) Isophorone                 | 7.62 | 82  | 903805  | 39.628 | ng | 99     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 306255  | 42.947 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 421866  | 40.808 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 612905  | 38.927 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 452357  | 40.990 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 464269  | 40.187 | ng | 100    |
| 31) Naphthalene                | 8.10 | 128 | 1473102 | 39.238 | ng | 96     |
| 32) Benzoic acid               | 7.87 | 122 | 302306  | 33.840 | ng | 98     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 649191  | 38.887 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 260276  | 40.893 | ng | 98     |
| 35) Caprolactam                | 8.53 | 113 | 156567  | 38.212 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 463568  | 38.162 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 955467  | 37.610 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 914032  | 37.242 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 418752  | 38.962 | ng | 99     |

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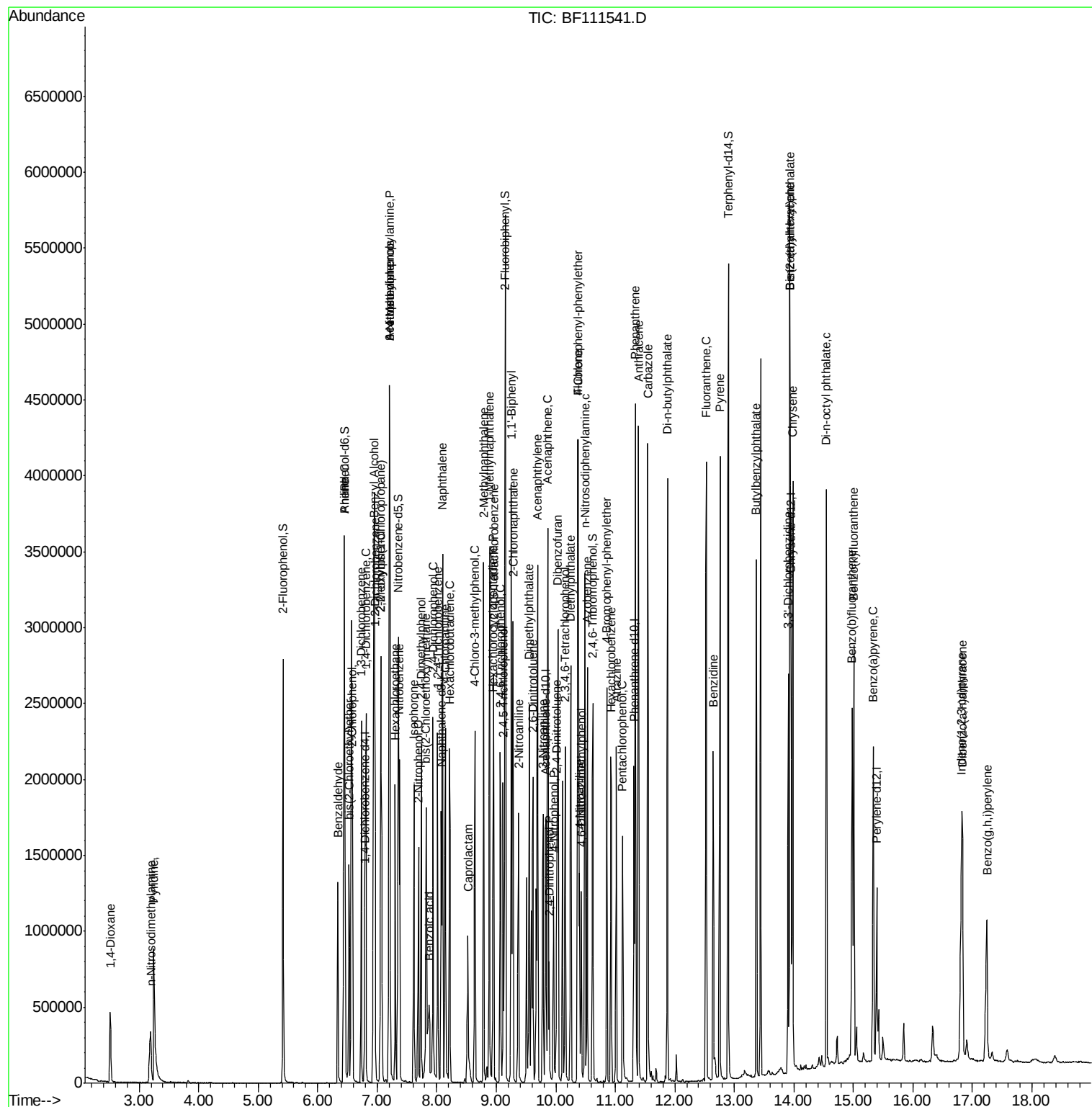
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 206190   | 37.366 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 300298   | 39.477 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 305252   | 37.710 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 1266897  | 38.151 | ng    | 95       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 983278   | 38.955 | ng    | 95       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 308461   | 37.637 | ng    | 89       |
| 49) Acenaphthylene             | 9.69  | 152  | 1421842  | 37.949 | ng    | 95       |
| 50) Dimethylphthalate          | 9.56  | 163  | 1069027  | 37.876 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 246453   | 38.792 | ng    | 96       |
| 52) Acenaphthene               | 9.86  | 154  | 941965   | 39.777 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 295161   | 38.250 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 100185   | 41.449 | ng    | # 79     |
| 55) Dibenzofuran               | 10.04 | 168  | 1317201  | 38.320 | ng    | 95       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 201912   | 37.809 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 321325   | 38.535 | ng    | 98       |
| 58) Fluorene                   | 10.38 | 166  | 958836   | 38.457 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 242700   | 38.375 | ng    | 99       |
| 60) Diethylphthalate           | 10.25 | 149  | 1072918  | 37.528 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 469854   | 38.518 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 299662   | 39.228 | ng    | 100      |
| 63) Azobenzene                 | 10.53 | 77   | 1025045  | 36.367 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 152856   | 32.119 | ng    | # 75     |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 891103   | 30.654 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 287799   | 31.677 | ng    | 94       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 303485   | 32.473 | ng    | 96       |
| 69) Atrazine                   | 11.02 | 200  | 264978   | 31.541 | ng    | 97       |
| 70) Pentachlorophenol          | 11.13 | 266  | 209511   | 36.549 | ng    | 99       |
| 71) Phenanthrene               | 11.34 | 178  | 1675637  | 38.576 | ng    | 94       |
| 72) Anthracene                 | 11.39 | 178  | 1713415  | 38.571 | ng    | 96       |
| 73) Carbazole                  | 11.55 | 167  | 1786256  | 38.885 | ng    | 96       |
| 74) Di-n-butylphthalate        | 11.87 | 149  | 2043278  | 39.939 | ng    | 96       |
| 75) Fluoranthene               | 12.53 | 202  | 1673755  | 39.388 | ng    | 98       |
| 77) Benzidine                  | 12.64 | 184  | 871806   | 38.081 | ng    | 98       |
| 78) Pyrene                     | 12.76 | 202  | 1722751  | 39.235 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 855553   | 39.975 | ng    | 89       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 1307151  | 38.601 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 551768   | 40.081 | ng    | 97       |
| 83) Chrysene                   | 13.98 | 228  | 1361958  | 38.179 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 1095197  | 40.064 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.55 | 149  | 1863142  | 40.407 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.82 | 276  | 939359   | 36.485 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 14.98 | 252  | 1148885  | 38.774 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.01 | 252  | 1141733  | 40.327 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.33 | 252  | 1051728  | 39.362 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.83 | 278  | 788643   | 37.417 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 17.24 | 276  | 784739   | 37.930 | ng    | 95       |

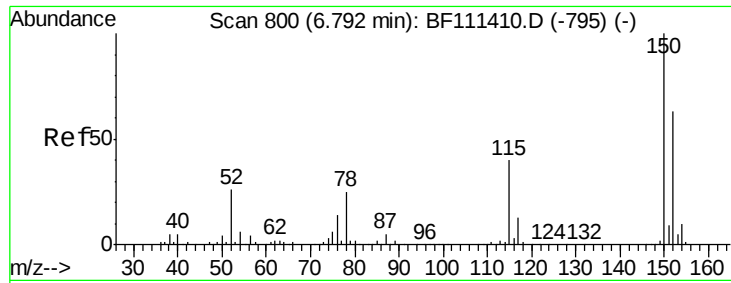
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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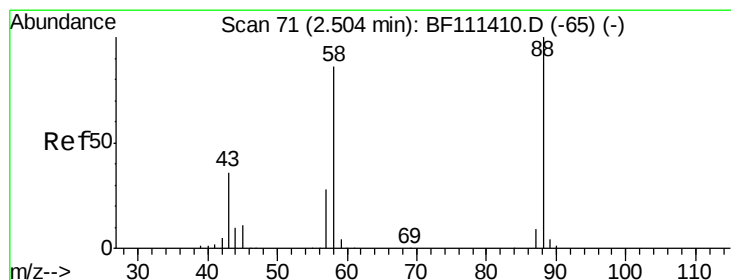
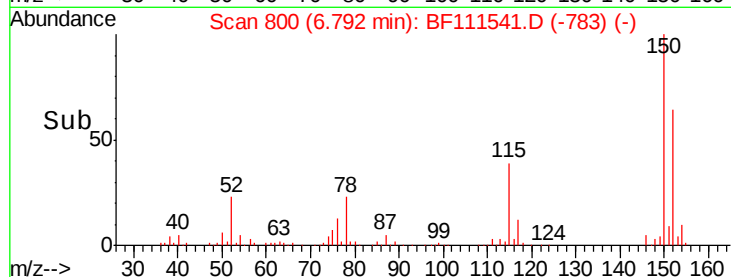
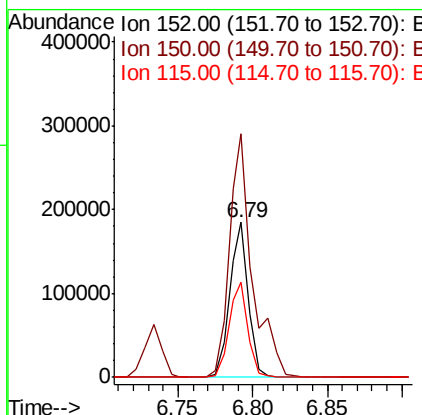
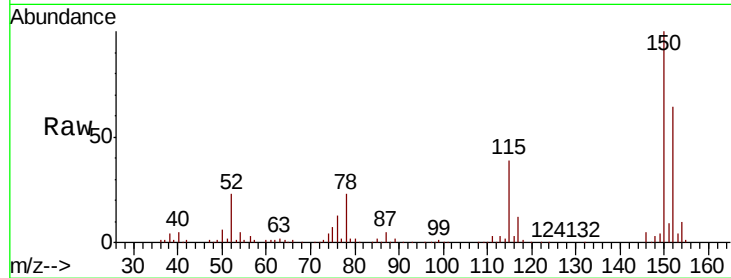




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

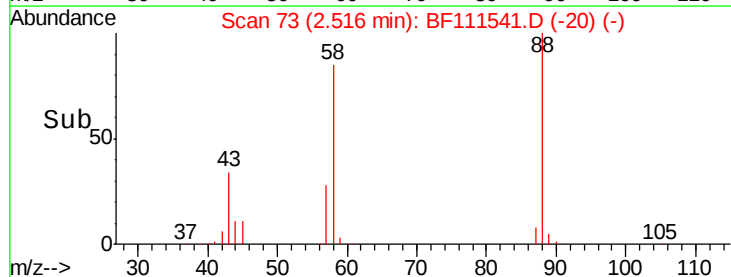
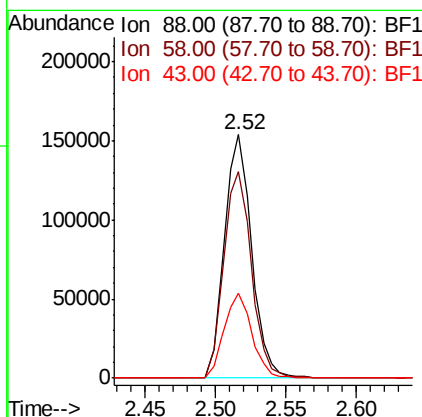
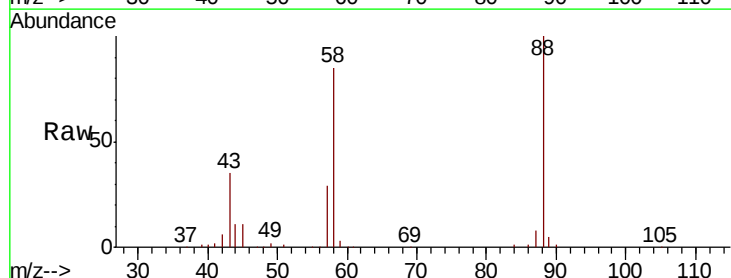
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

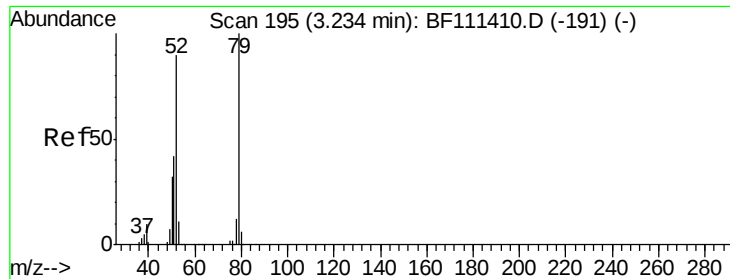
Tgt Ion:152 Resp: 162819  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 126.6 189.8  
 115 61.3 50.7 76.1



#2  
 1,4-Dioxane  
 Concen: 43.627 ng  
 RT: 2.52 min Scan# 73  
 Delta R.T. 0.01 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Tgt Ion: 88 Resp: 206167  
 Ion Ratio Lower Upper  
 88 100  
 58 86.4 68.9 103.3  
 43 35.9 25.8 38.6





#3

Pyridine

Concen: 44.925 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

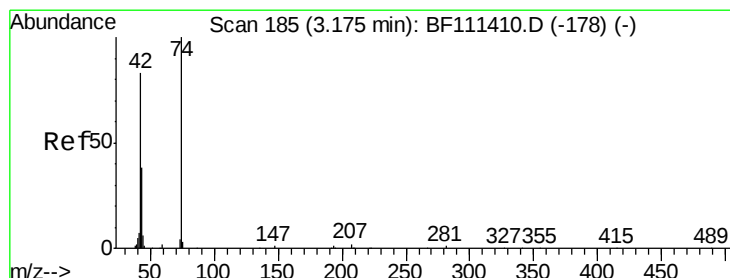
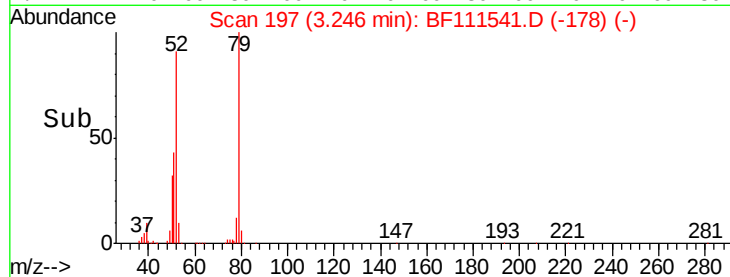
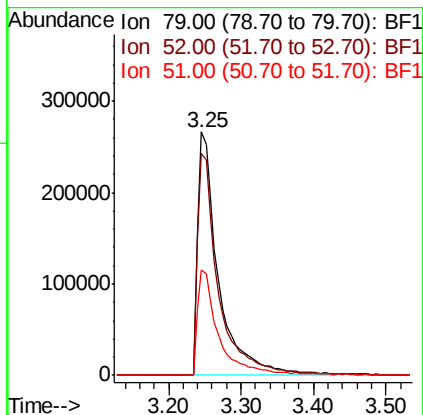
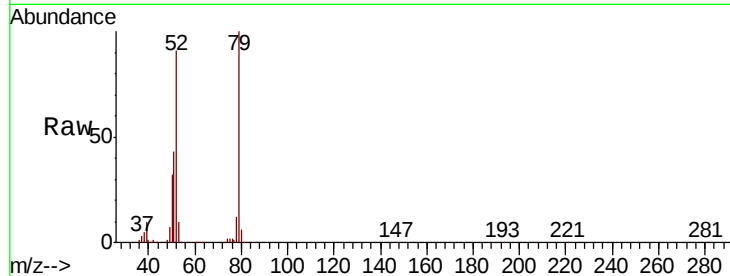
Tgt Ion: 79 Resp: 533202

Ion Ratio Lower Upper

79 100

52 91.3 68.3 102.5

51 43.4 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 45.897 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.02 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

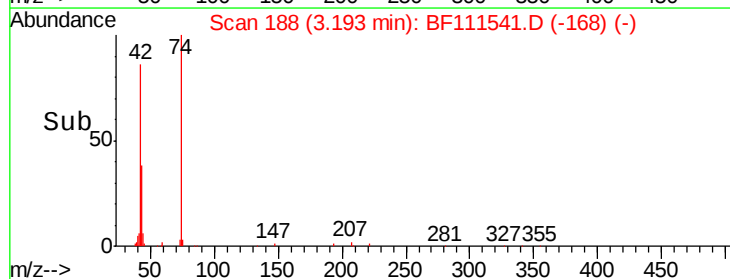
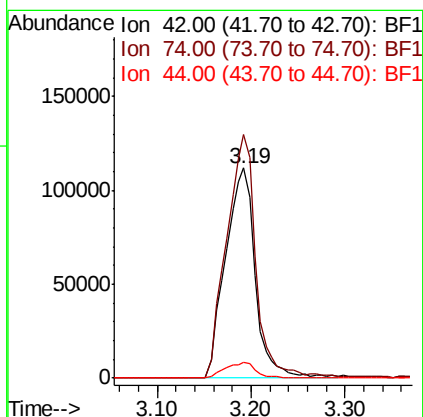
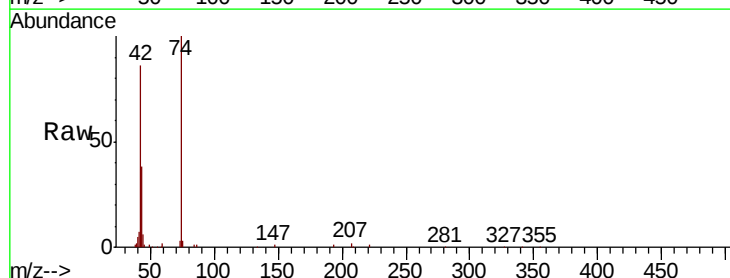
Tgt Ion: 42 Resp: 247431

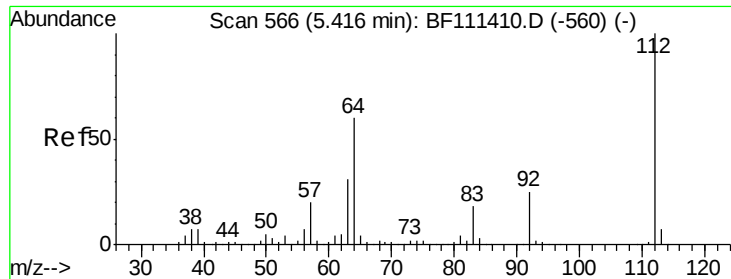
Ion Ratio Lower Upper

42 100

74 116.1 101.5 152.3

44 7.5 6.0 9.0





#5

2-Fluorophenol

Concen: 80.767 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111541.D

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Instrument :

BNA\_F

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SSTDCCC040

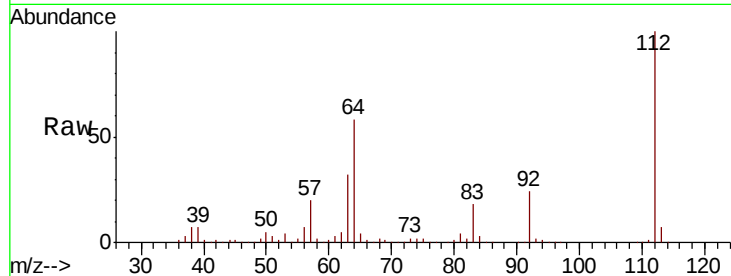
Tgt Ion: 112 Resp: 790260

Ion Ratio Lower Upper

112 100

64 58.1 51.8 77.6

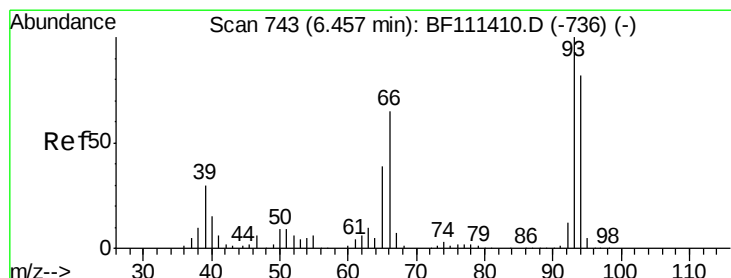
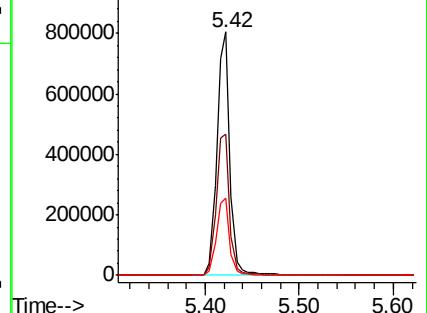
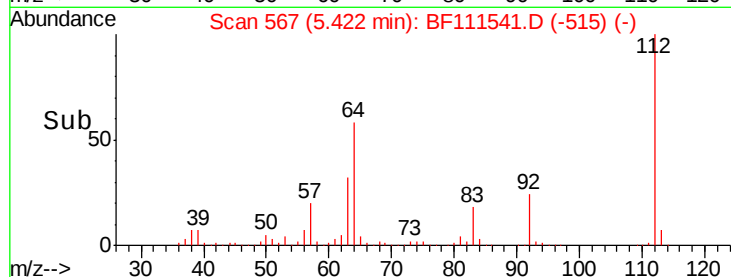
63 31.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.391 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

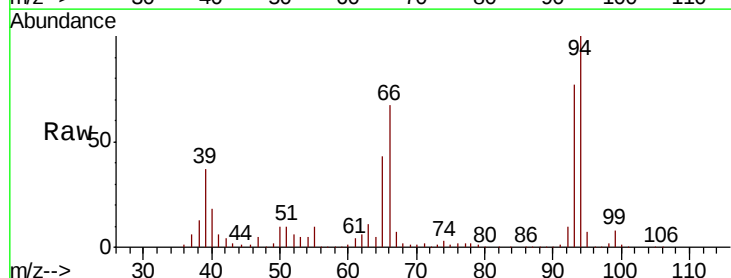
Tgt Ion: 93 Resp: 619800

Ion Ratio Lower Upper

93 100

66 86.9 33.2 49.8#

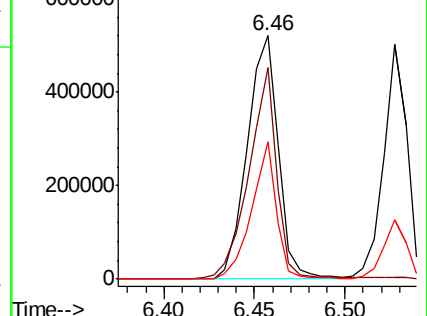
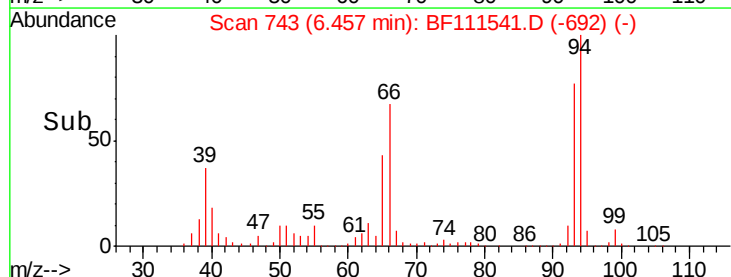
65 56.5 17.0 25.4#

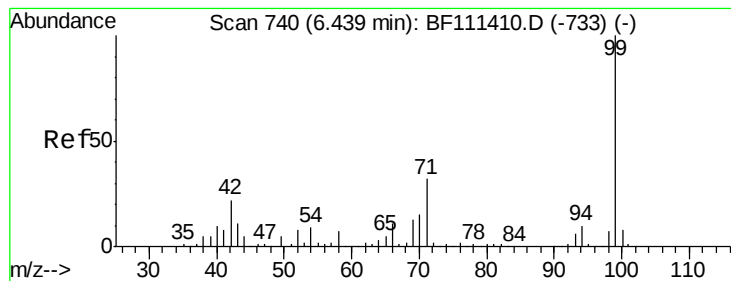


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.190 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

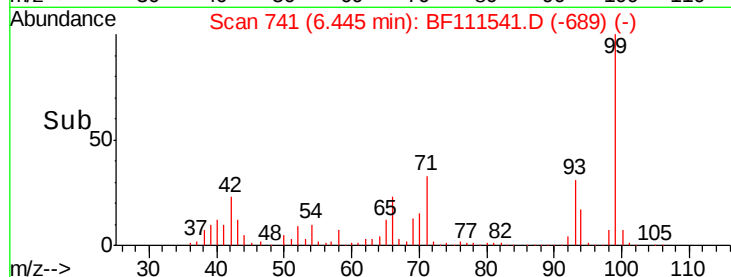
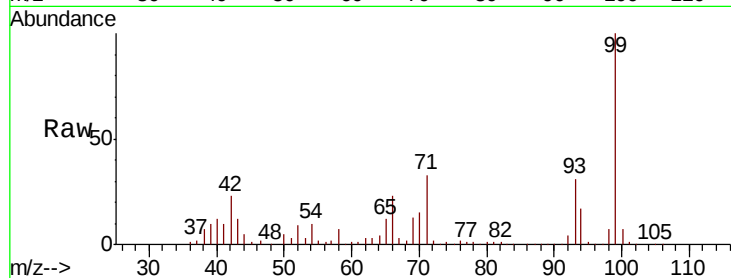
Tgt Ion: 99 Resp: 1004625

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

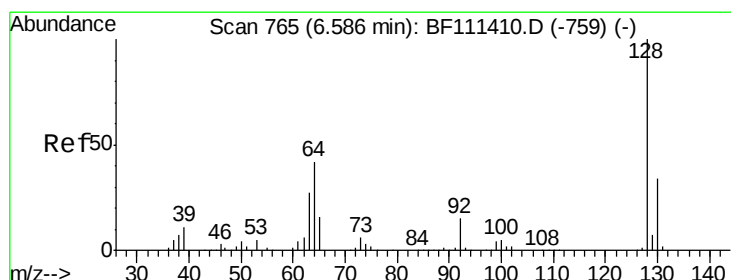
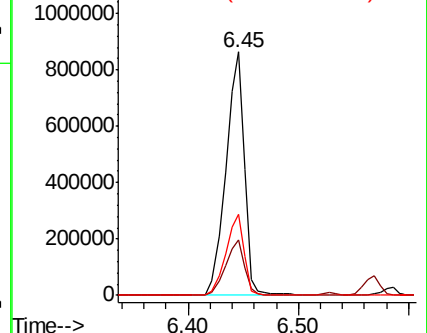
71 33.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.517 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

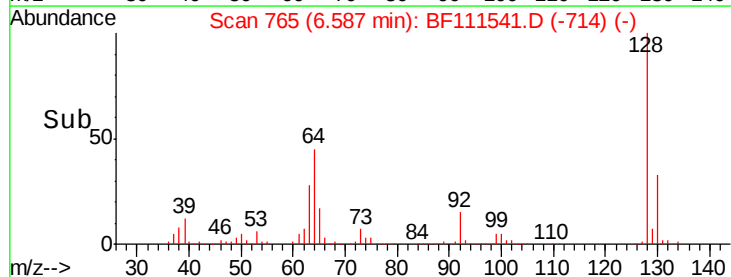
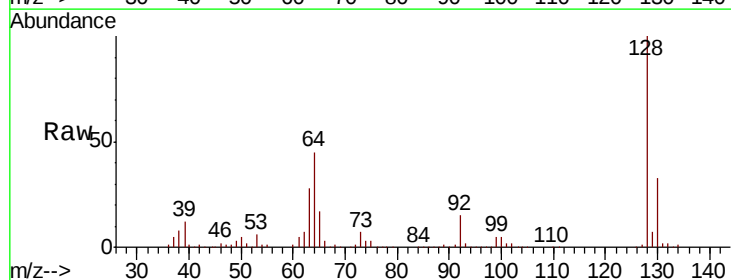
Tgt Ion: 128 Resp: 473684

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

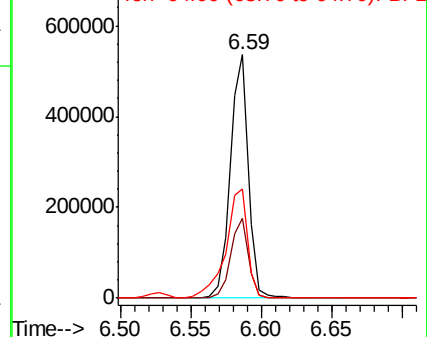
64 44.7 30.0 70.0

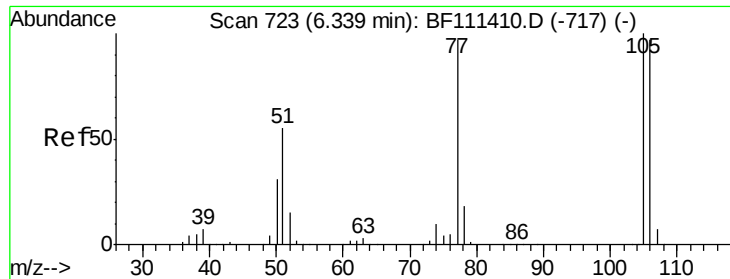


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.063 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

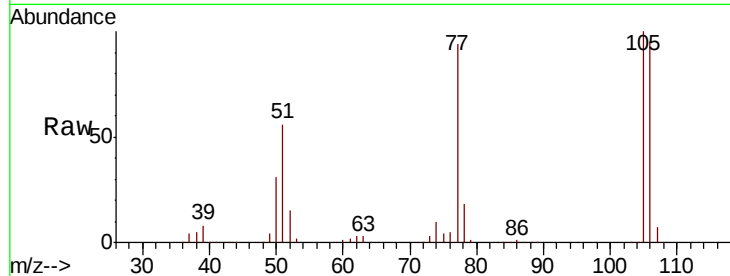
Tgt Ion: 77 Resp: 276791

Ion Ratio Lower Upper

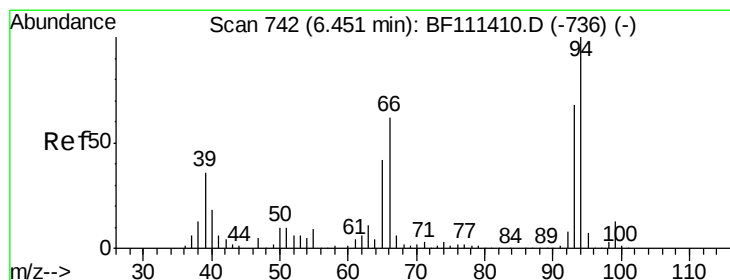
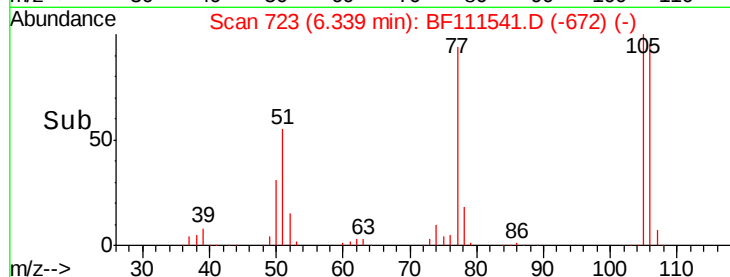
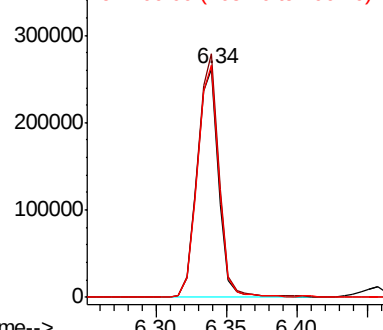
77 100

105 106.5 81.4 121.4

106 101.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.571 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

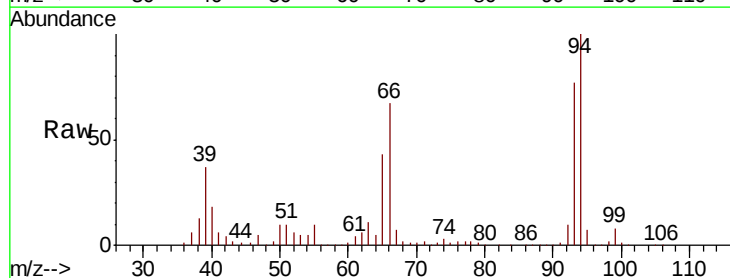
Tgt Ion: 94 Resp: 559219

Ion Ratio Lower Upper

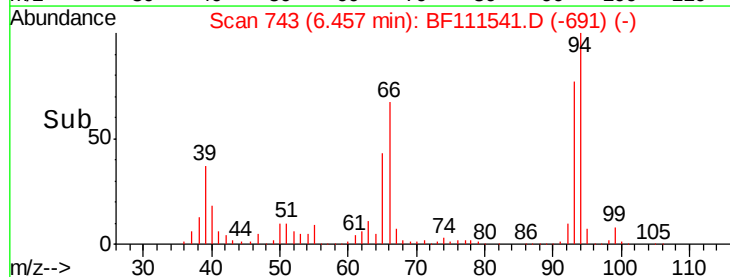
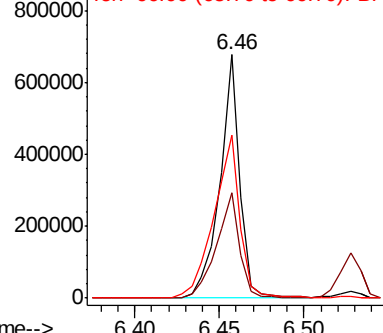
94 100

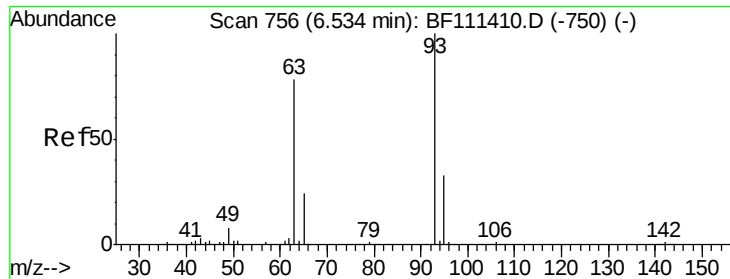
65 43.4 11.7 51.7

66 66.7 21.0 61.0#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

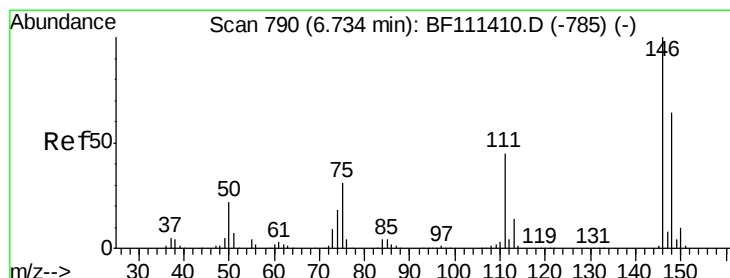
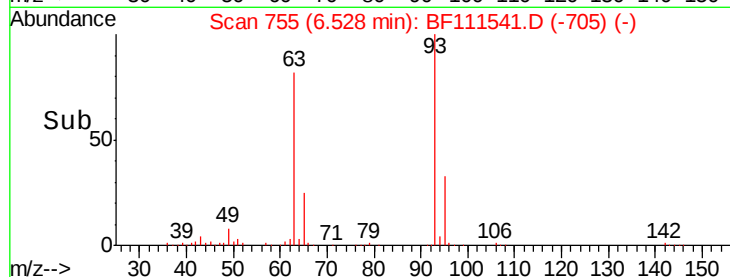
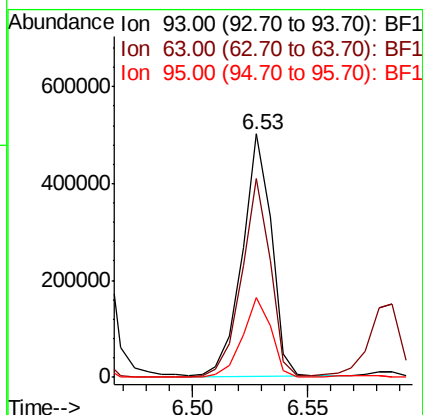
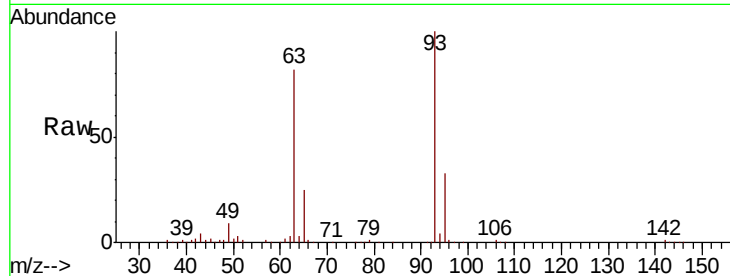




#11  
bis(2-Chloroethyl)ether  
Concen: 38.954 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

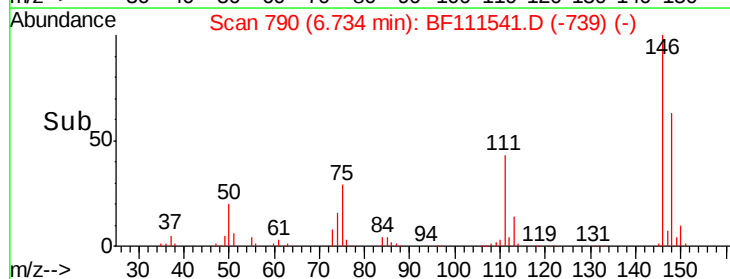
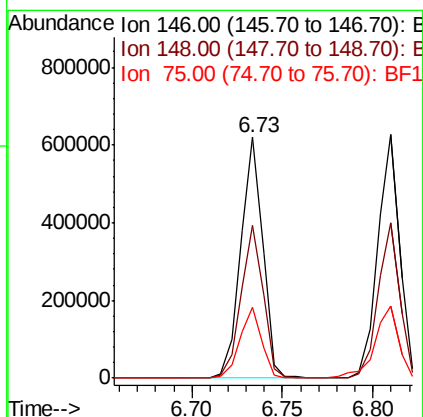
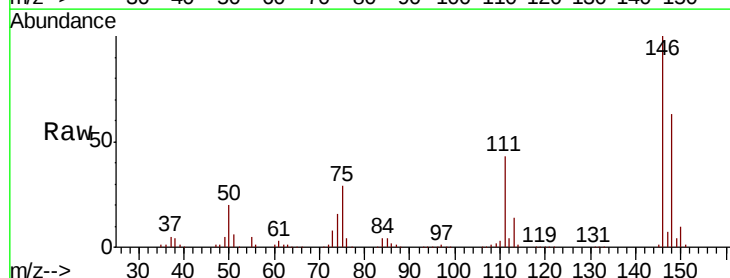
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

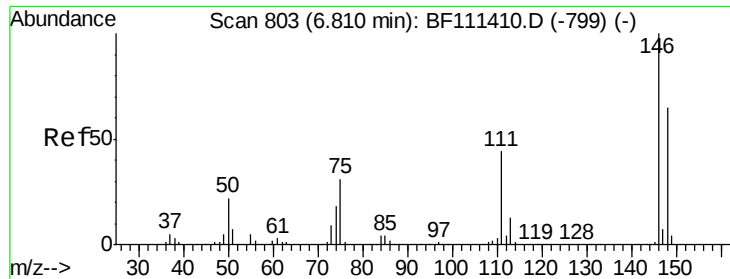
Tgt Ion: 93 Resp: 442737  
Ion Ratio Lower Upper  
93 100  
63 81.5 60.0 100.0  
95 33.0 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 40.750 ng  
RT: 6.73 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion: 146 Resp: 524419  
Ion Ratio Lower Upper  
146 100  
148 63.4 52.1 78.1  
75 29.2 23.9 35.9

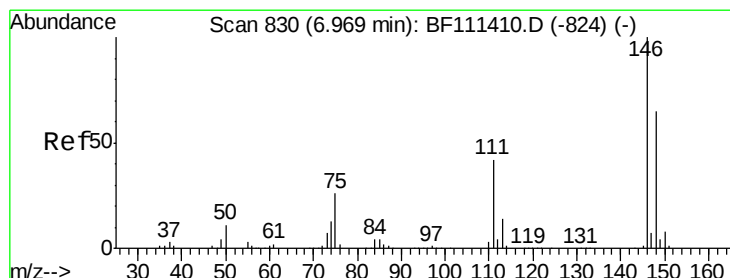
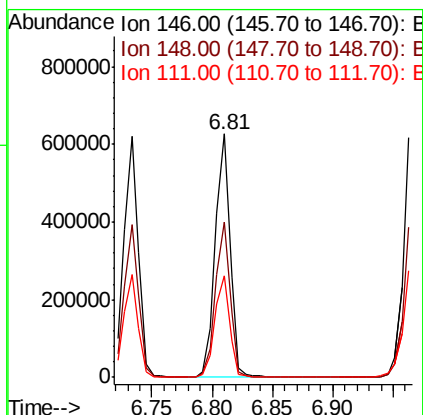
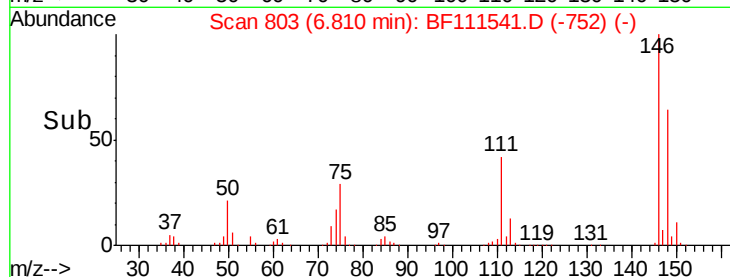
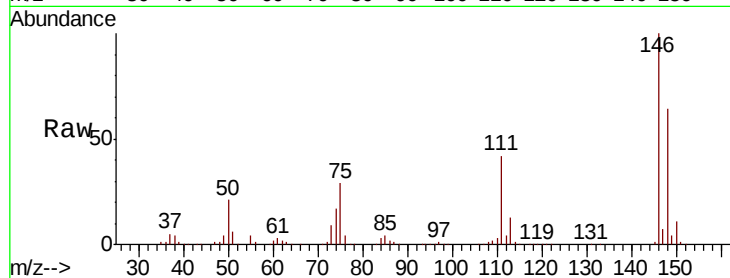




#13  
 1,4-Dichlorobenzene  
 Concen: 40.402 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

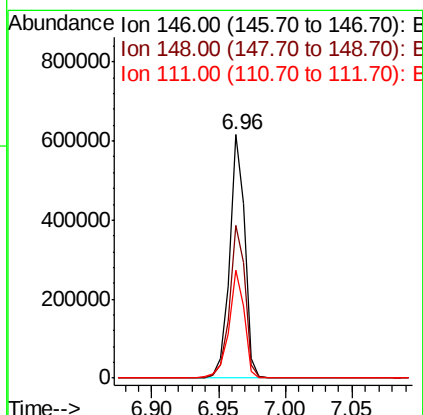
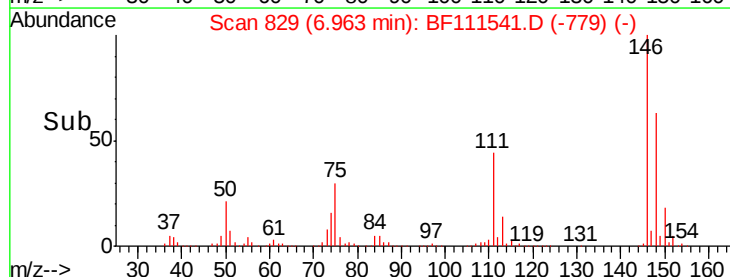
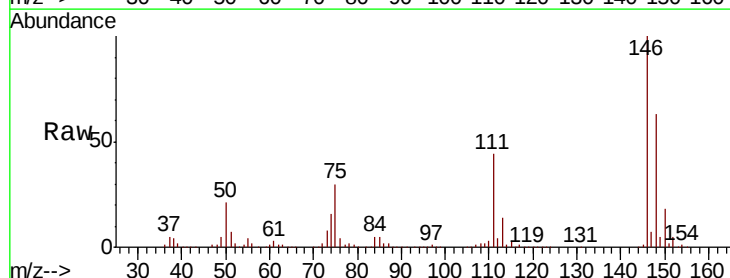
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

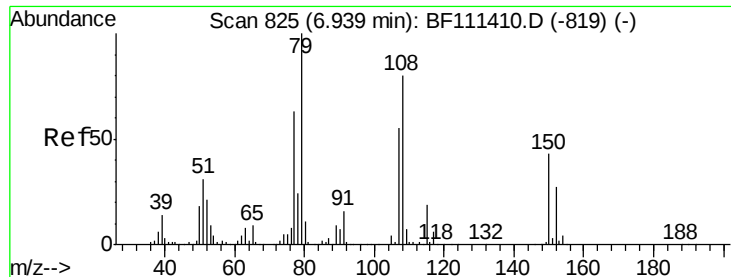
Tgt Ion:146 Resp: 527745  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 52.8 79.2  
 111 41.8 33.4 50.0



#14  
 1,2-Dichlorobenzene  
 Concen: 40.567 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Tgt Ion:146 Resp: 498521  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 51.9 77.9  
 111 44.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.531 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

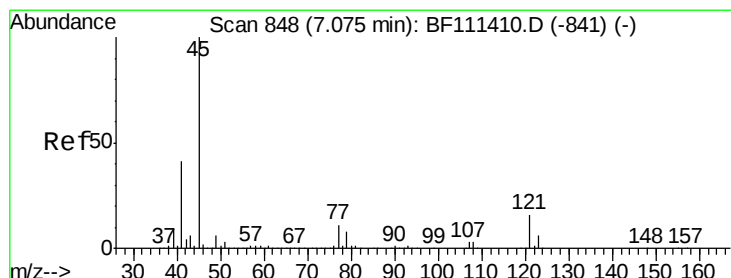
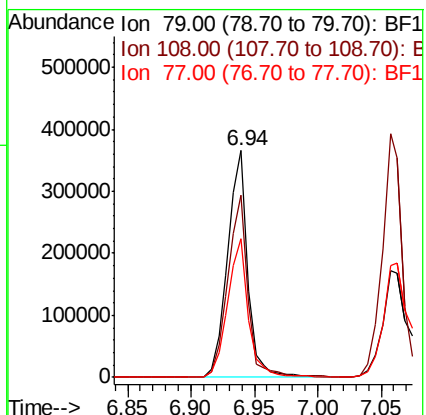
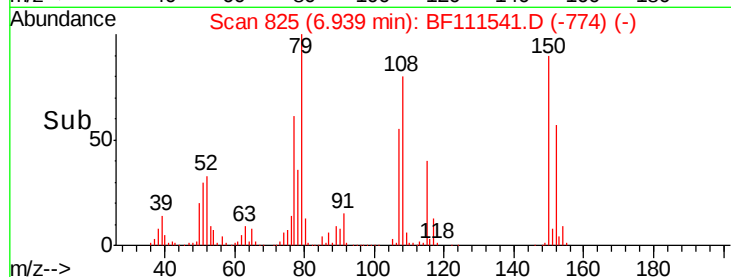
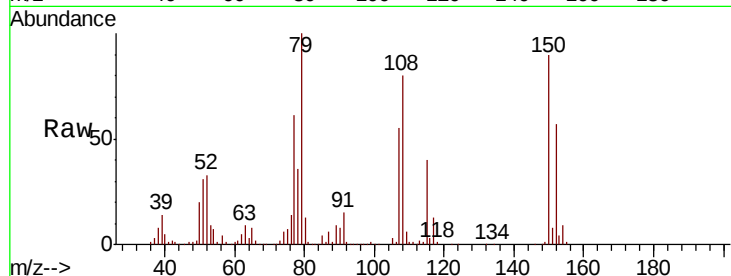
Tgt Ion: 79 Resp: 401380

Ion Ratio Lower Upper

79 100

108 80.5 69.4 104.2

77 61.2 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.979 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

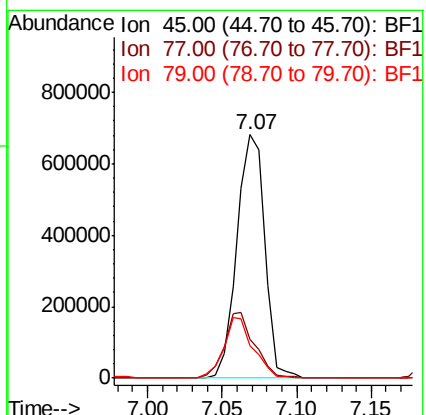
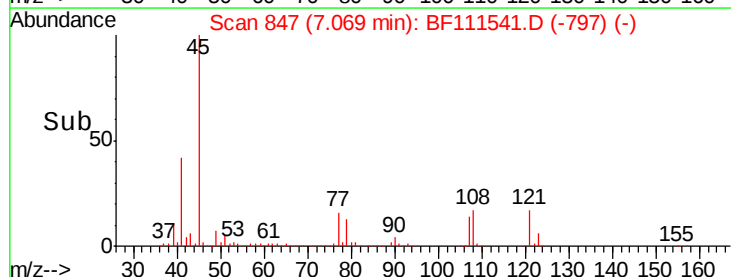
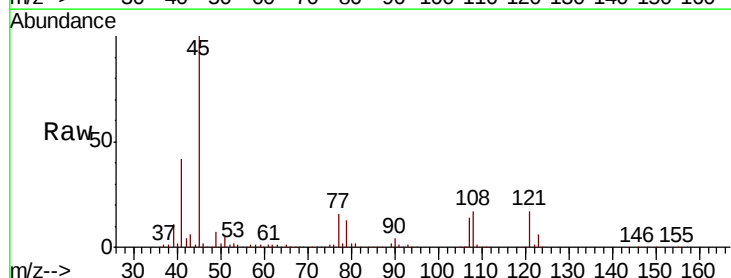
Tgt Ion: 45 Resp: 887188

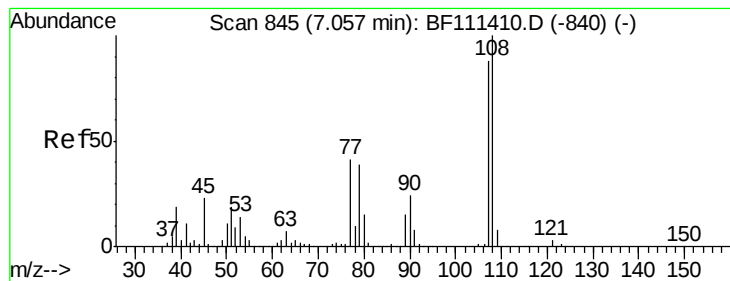
Ion Ratio Lower Upper

45 100

77 16.0 0.0 31.5

79 13.4 0.0 28.9





#17

2-Methylphenol

Concen: 40.172 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 377965

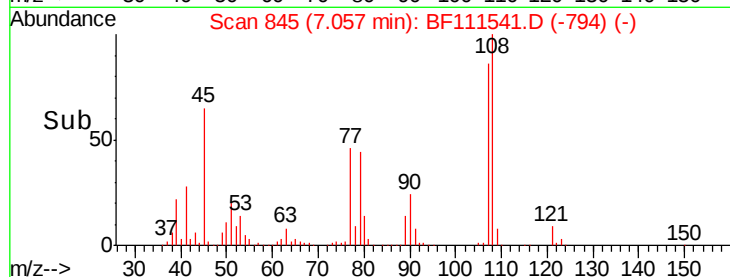
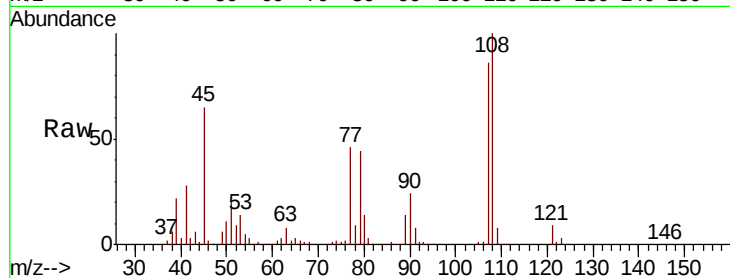
Ion Ratio Lower Upper

107 100

108 115.7 91.0 136.4

77 53.3 33.5 50.3#

79 50.5 33.3 49.9#

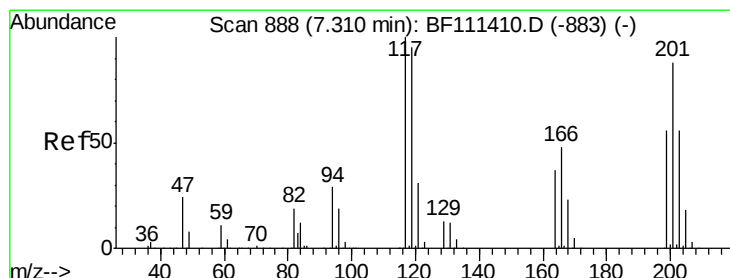
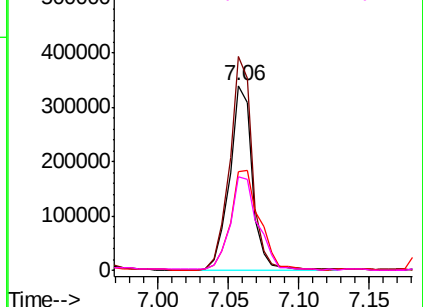


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 46.356 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

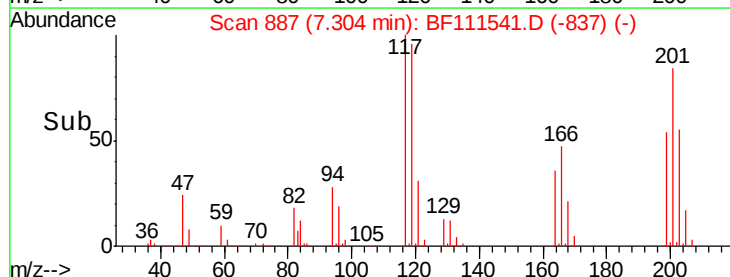
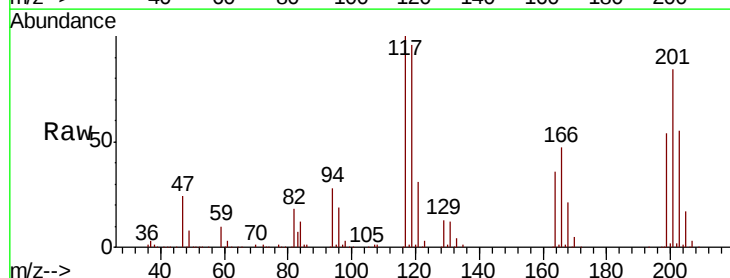
Tgt Ion:117 Resp: 225348

Ion Ratio Lower Upper

117 100

119 95.6 75.4 113.0

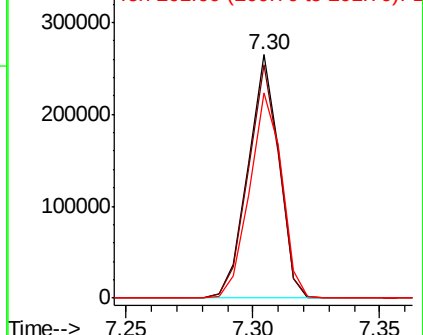
201 84.3 62.4 93.6

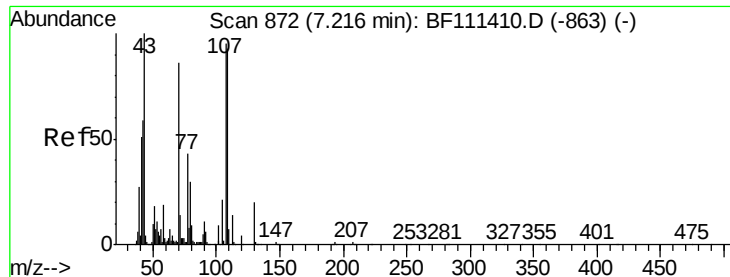


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

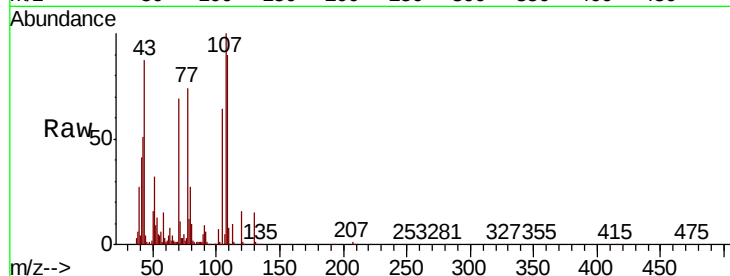




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.735 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 375533 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 73.1  | 53.2  | 79.8   |
| 101      | 9.6   | 8.2   | 12.4   |
| 130      | 22.1  | 18.1  | 27.1   |



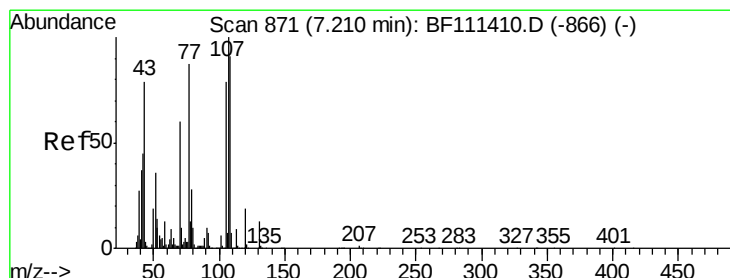
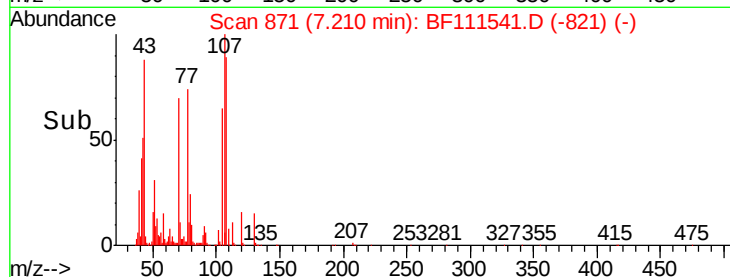
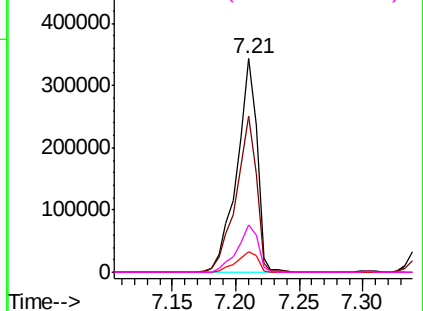
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

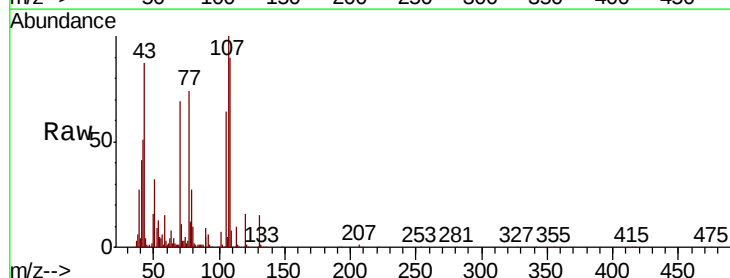
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 45.510 ng  
RT: 7.21 min Scan# 871  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 537114 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.1  | 72.1  | 112.1  |
| 77       | 74.4  | 94.1  | 134.1# |
| 79       | 26.5  | 9.8   | 49.8   |



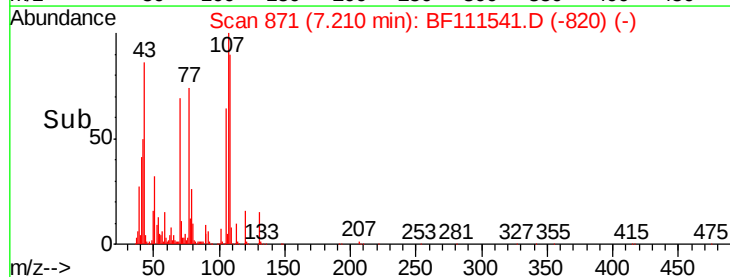
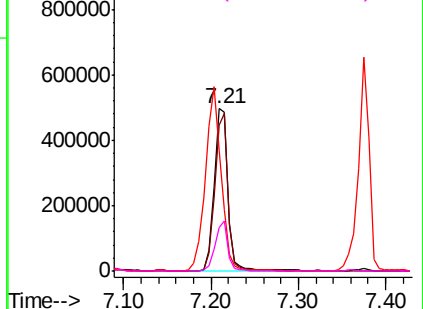
Abundance

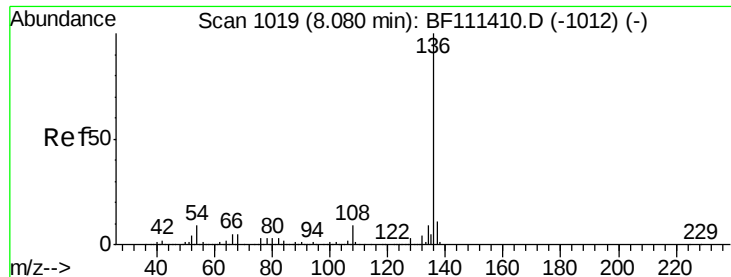
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

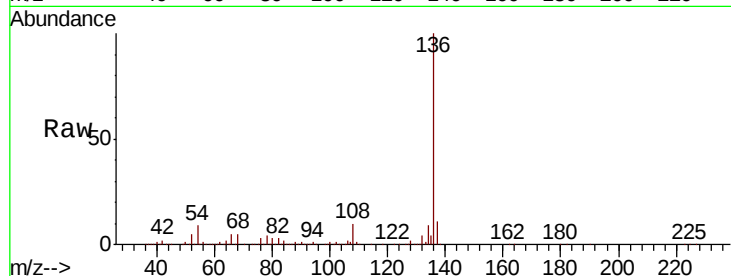




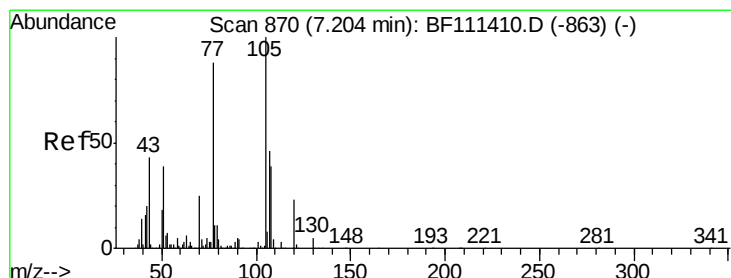
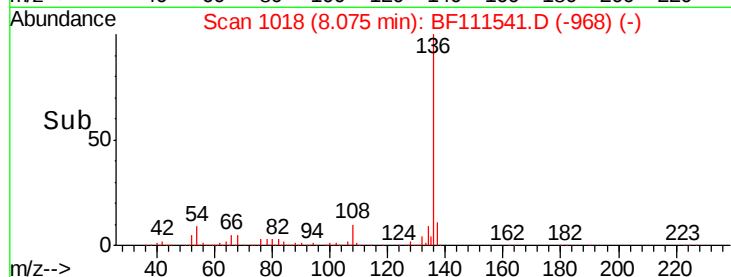
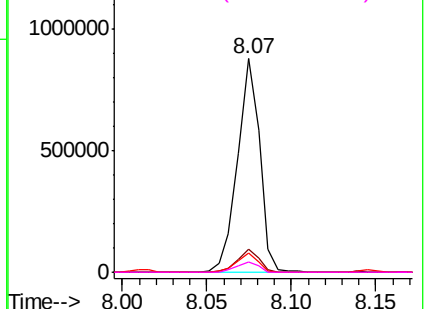
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 802676 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.1   | 13.7   |
| 54       | 8.9   | 7.7   | 11.5   |
| 68       | 5.0   | 4.9   | 7.3    |

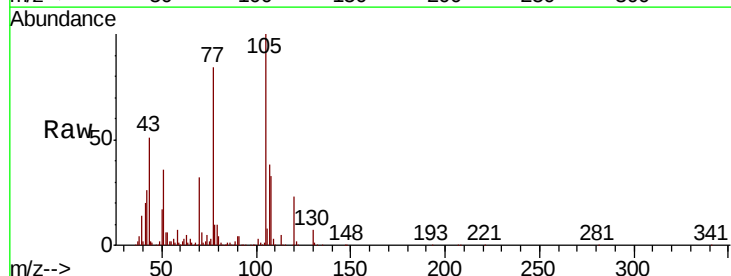


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

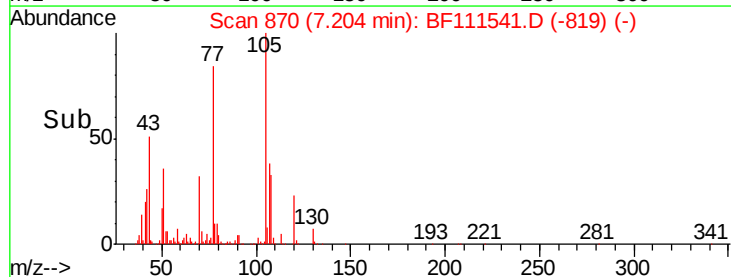
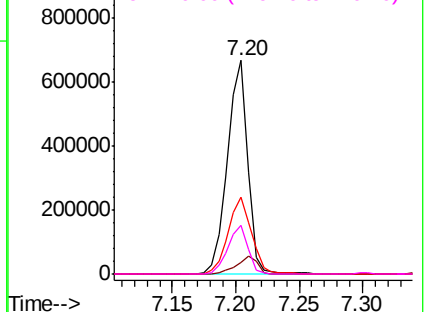


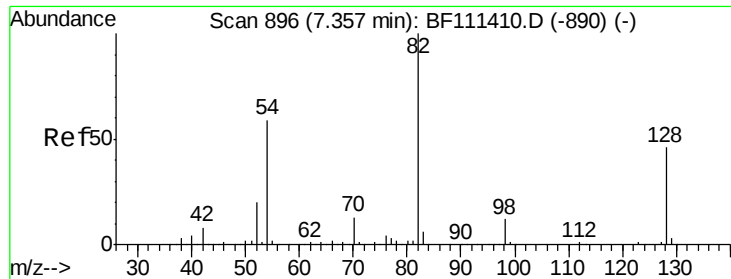
#22  
Acetophenone  
Concen: 41.408 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 741969 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.7   | 3.1   | 4.7#   |
| 51       | 35.9  | 36.6  | 54.8#  |
| 120      | 23.1  | 18.2  | 27.4   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

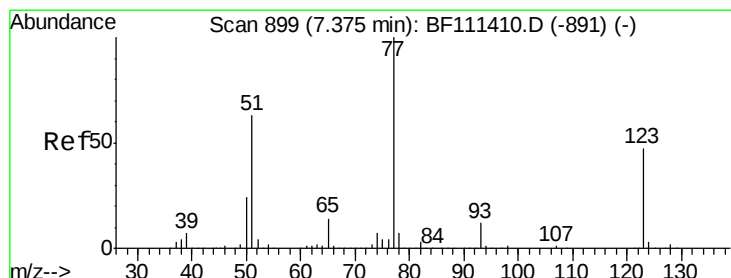
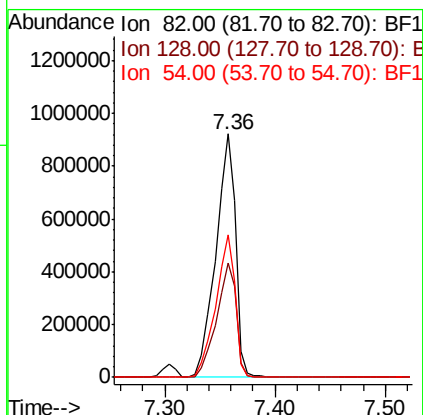
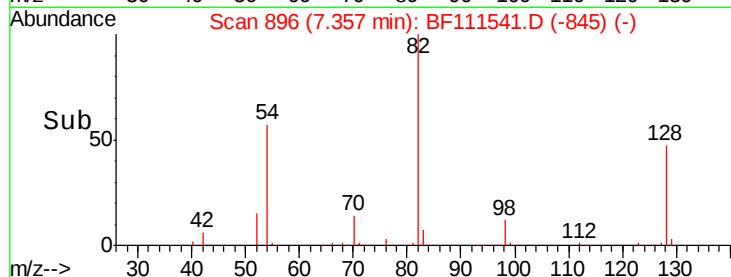
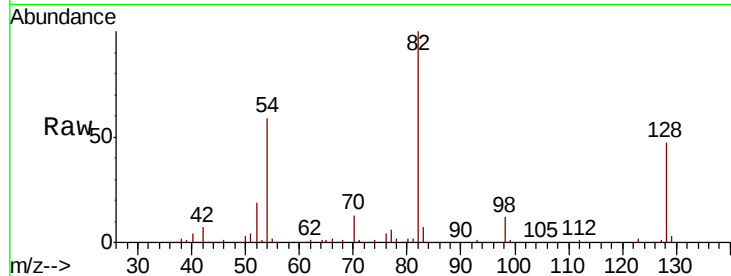




#23  
Nitrobenzene-d5  
Concen: 84.025 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

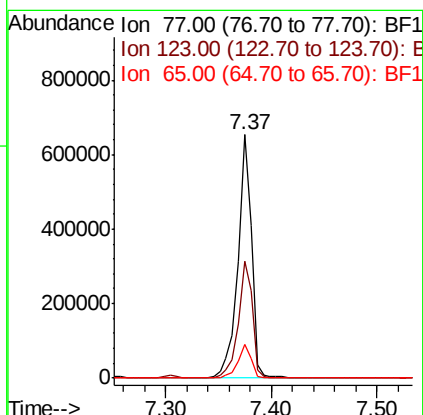
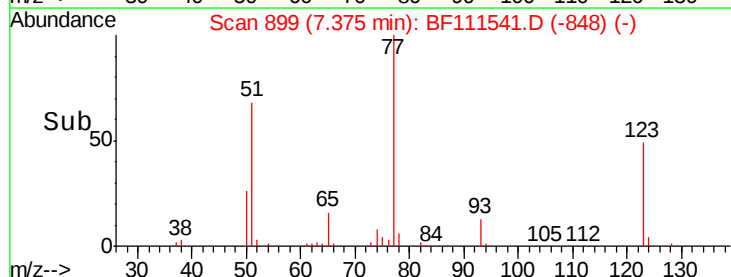
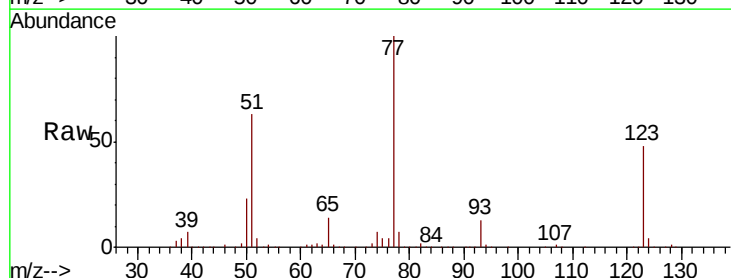
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

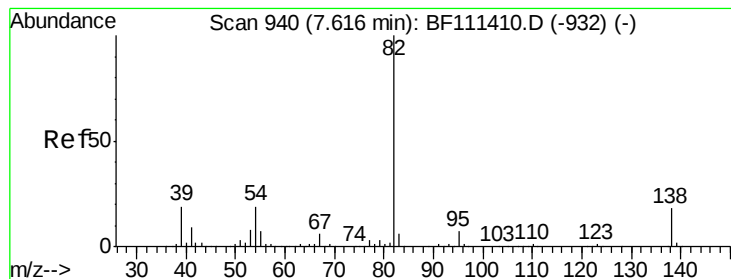
Tgt Ion: 82 Resp: 1132604  
Ion Ratio Lower Upper  
82 100  
128 46.8 37.4 56.2  
54 58.5 47.6 71.4



#24  
Nitrobenzene  
Concen: 41.437 ng  
RT: 7.37 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion: 77 Resp: 569780  
Ion Ratio Lower Upper  
77 100  
123 48.1 37.2 55.8  
65 14.0 11.5 17.3





#25

Isophorone

Concen: 39.628 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

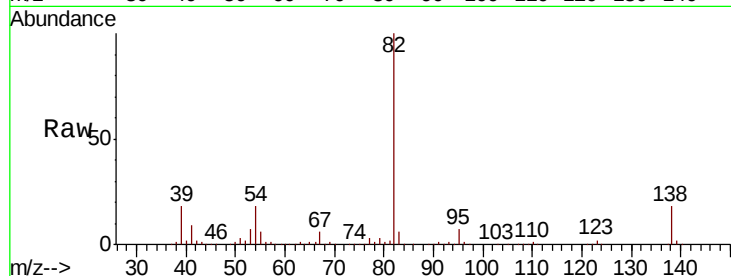
Tgt Ion: 82 Resp: 903805

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

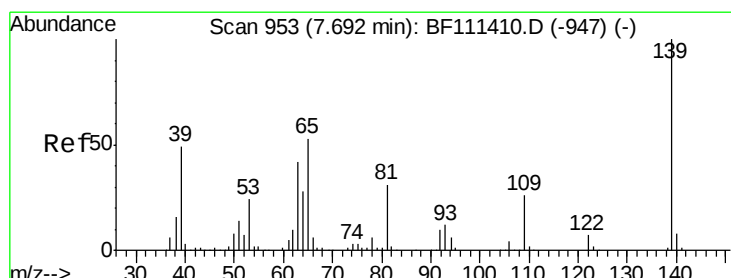
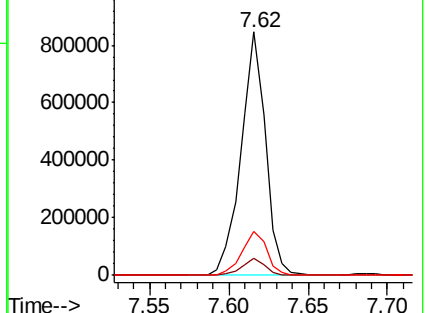
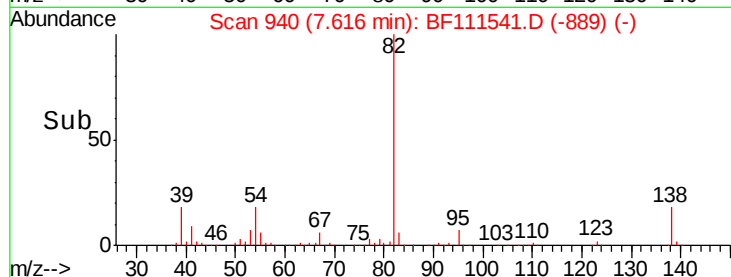
138 18.0 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.947 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

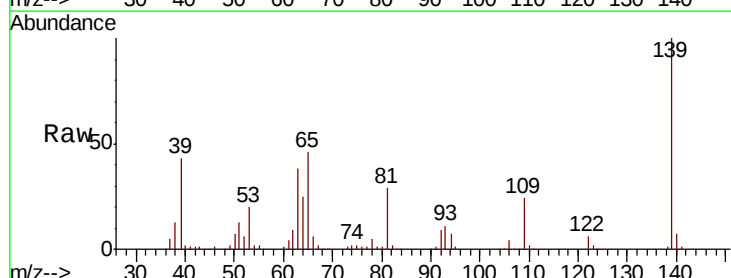
Tgt Ion: 139 Resp: 306255

Ion Ratio Lower Upper

139 100

109 24.0 20.2 30.4

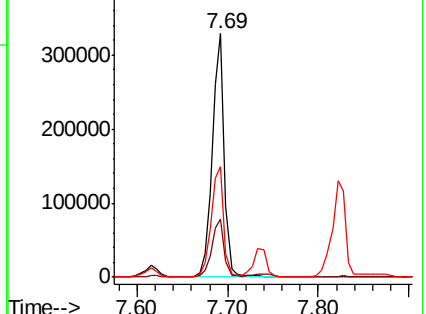
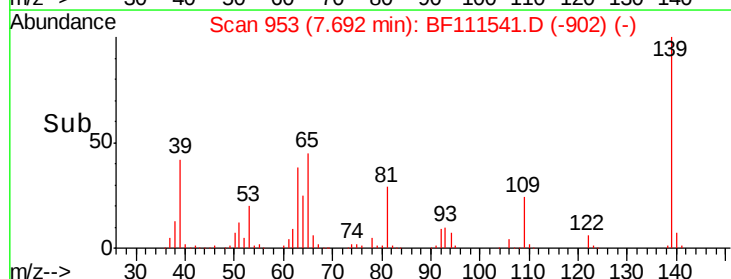
65 45.6 40.7 61.1

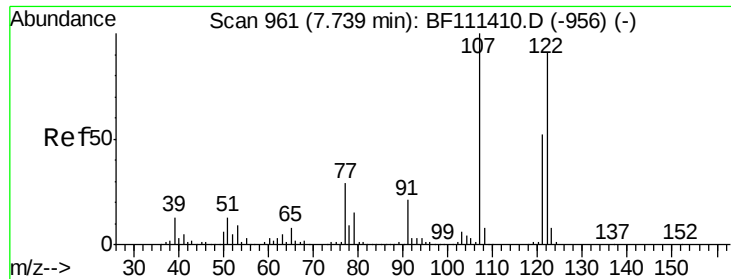


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

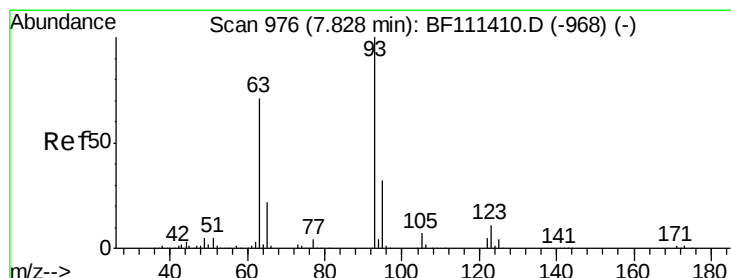
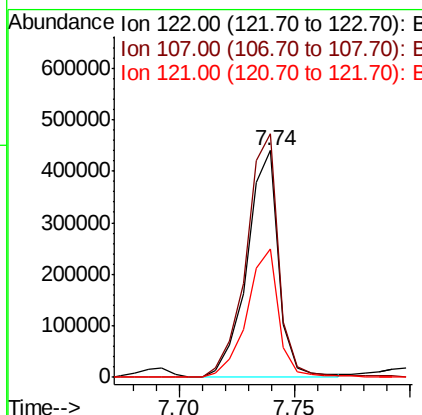
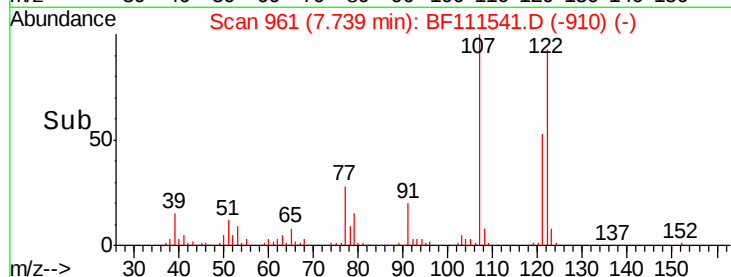
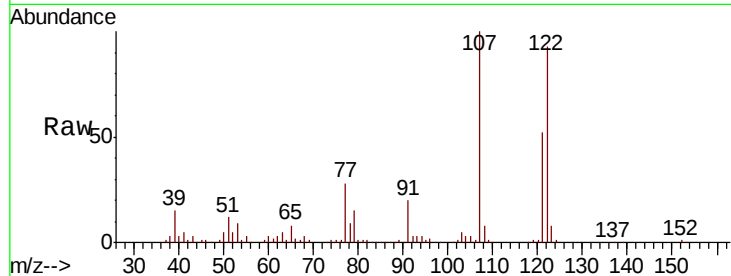




#27  
2,4-Dimethylphenol  
Concen: 40.808 ng  
RT: 7.74 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

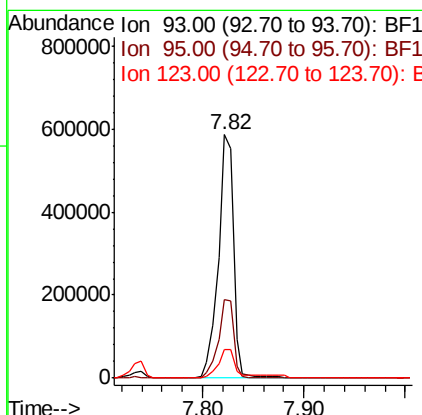
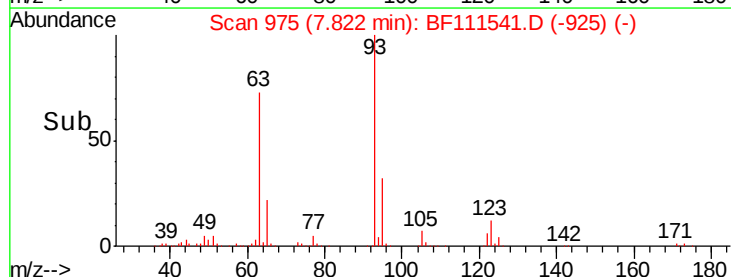
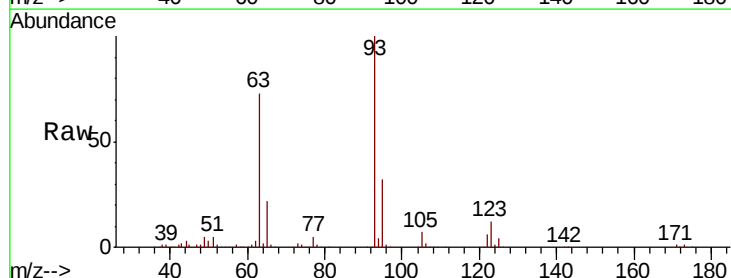
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

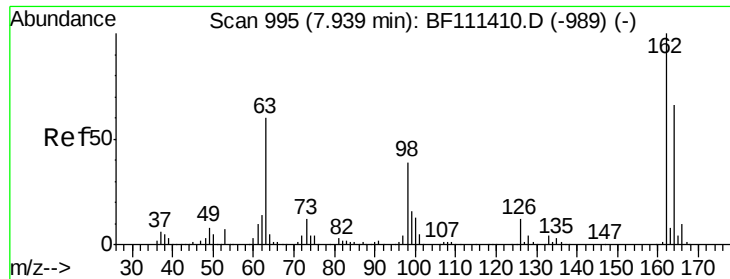
Tgt Ion:122 Resp: 421866  
Ion Ratio Lower Upper  
122 100  
107 107.4 85.5 128.3  
121 56.4 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.927 ng  
RT: 7.82 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion: 93 Resp: 612905  
Ion Ratio Lower Upper  
93 100  
95 32.1 27.1 40.7  
123 11.7 9.9 14.9

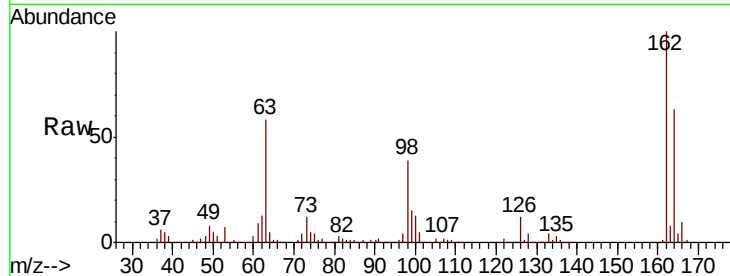




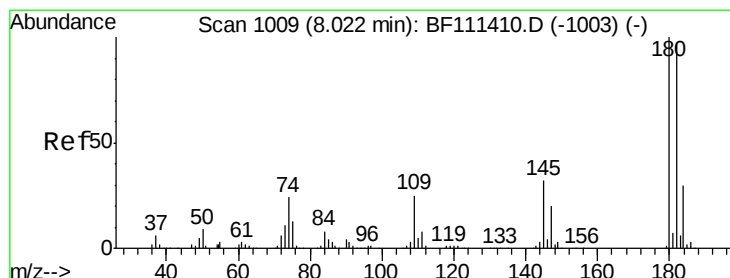
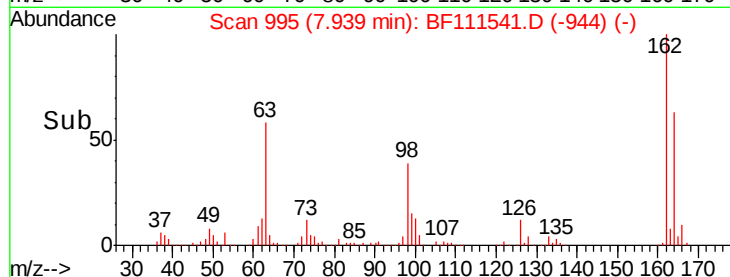
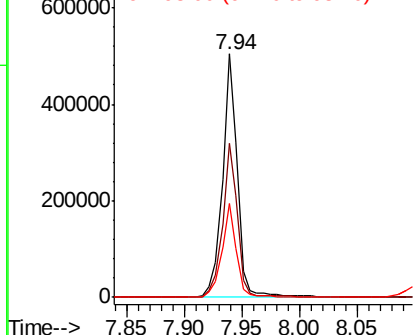
#29  
2,4-Dichlorophenol  
Concen: 40.990 ng  
RT: 7.94 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 44.4  | 84.4  |
| 98      | 38.7  | 20.3  | 60.3  |

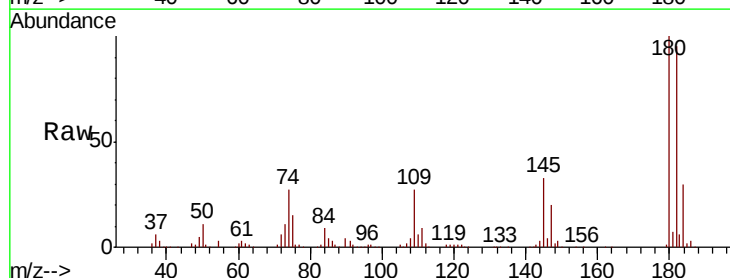


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

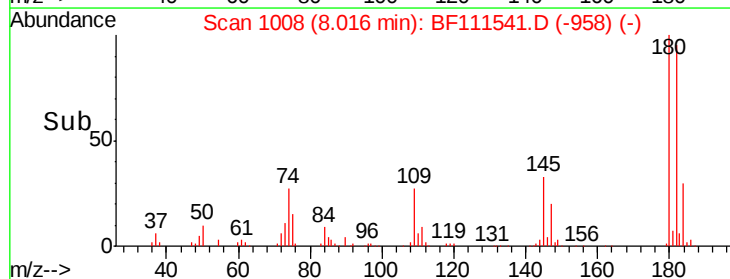
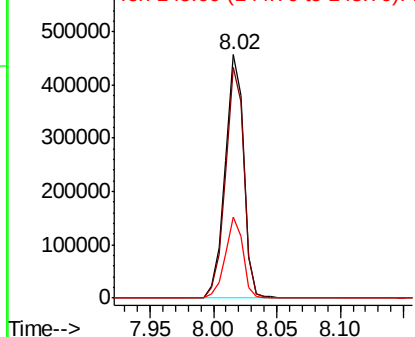


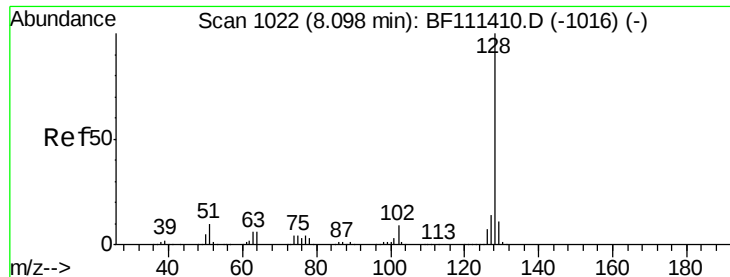
#30  
1,2,4-Trichlorobenzene  
Concen: 40.187 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 75.6  | 113.4 |
| 145     | 33.3  | 26.7  | 40.1  |



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

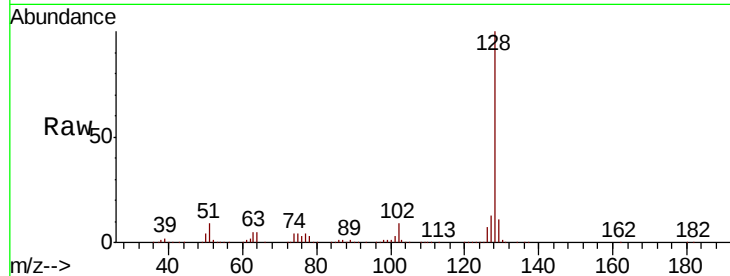




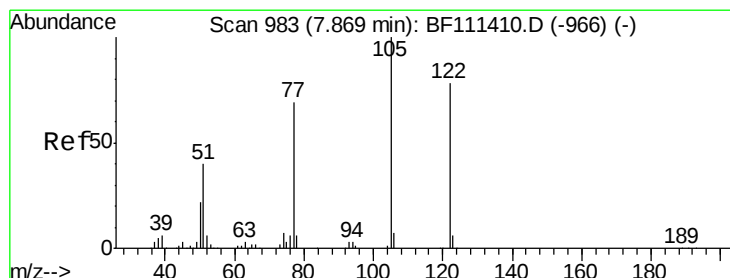
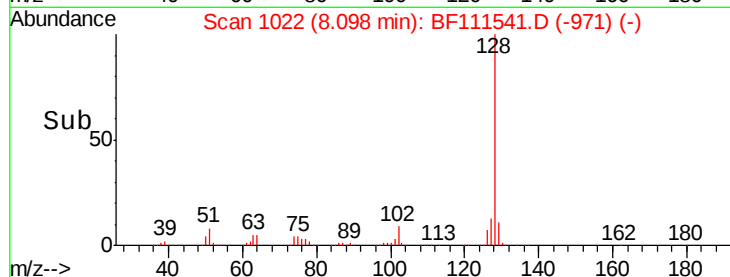
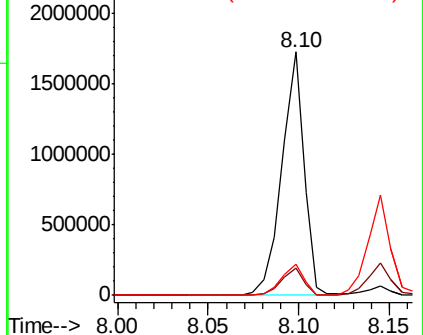
#31  
Naphthalene  
Concen: 39.238 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 1473102  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.8 14.8  
127 12.9 12.0 18.0

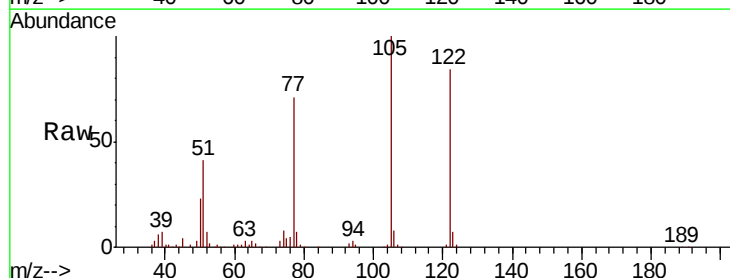


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

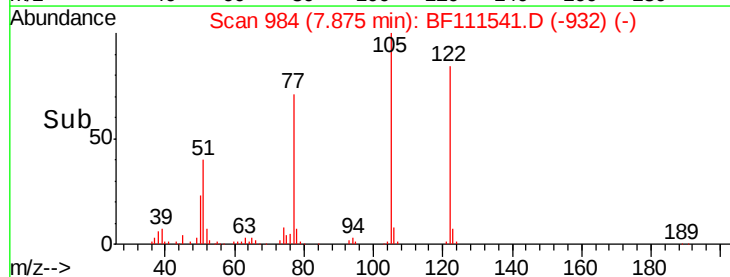
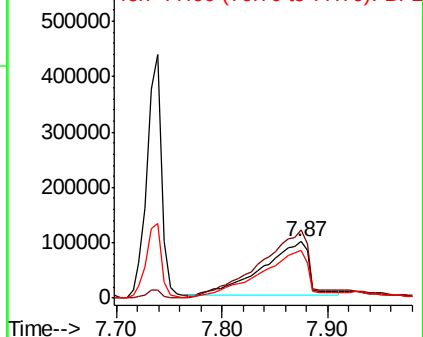


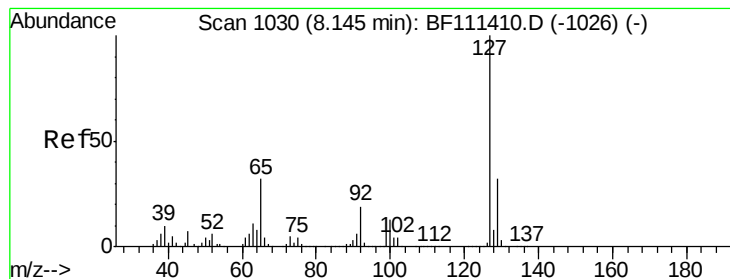
#32  
Benzoic acid  
Concen: 33.840 ng  
RT: 7.87 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion:122 Resp: 302306  
Ion Ratio Lower Upper  
122 100  
105 119.6 97.0 137.0  
77 85.3 65.7 105.7



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): BF1





#33

4-Chloroaniline

Concen: 38.887 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 649191

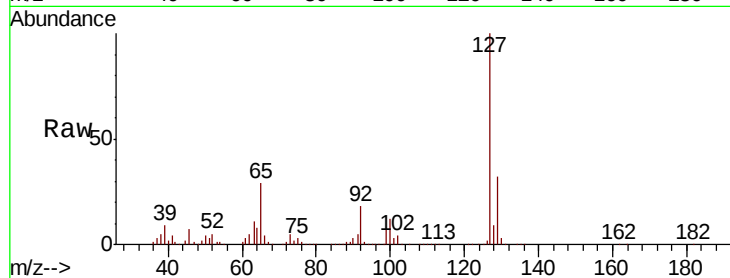
Ion Ratio Lower Upper

127 100

129 32.2 26.6 39.8

65 29.4 25.7 38.5

92 18.0 15.4 23.2

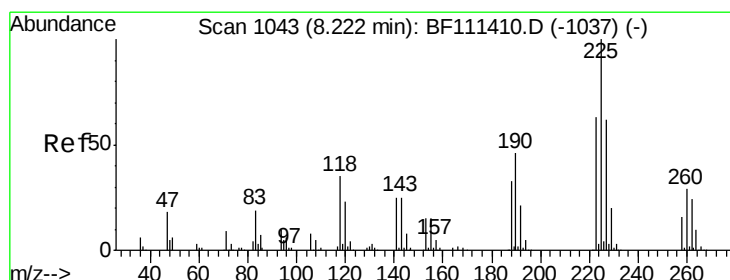
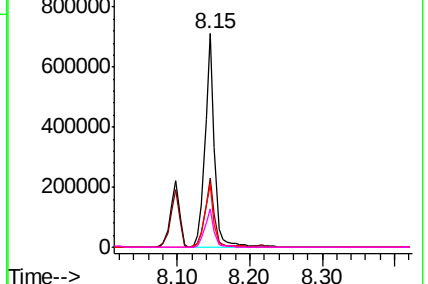
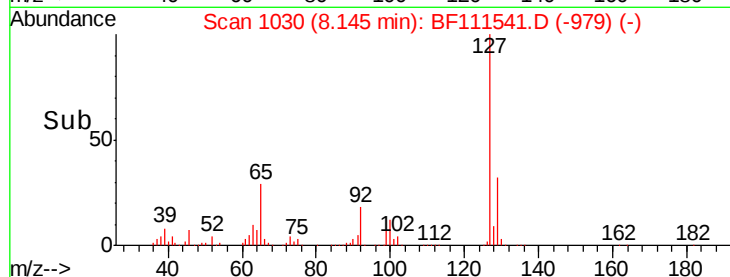


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.893 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

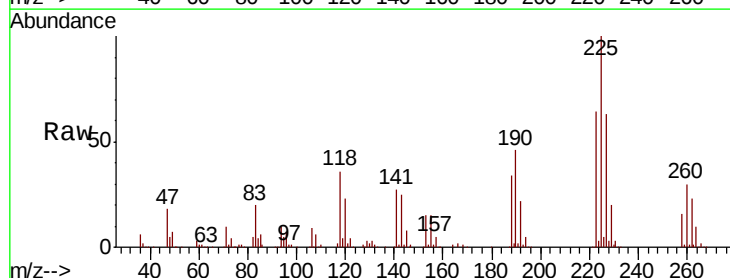
Tgt Ion:225 Resp: 260276

Ion Ratio Lower Upper

225 100

223 64.4 50.7 76.1

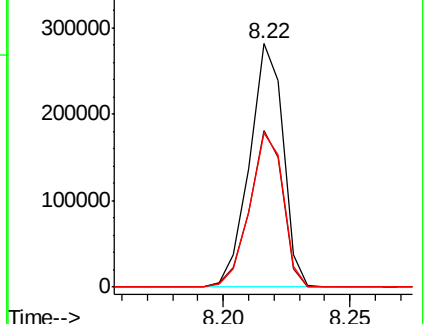
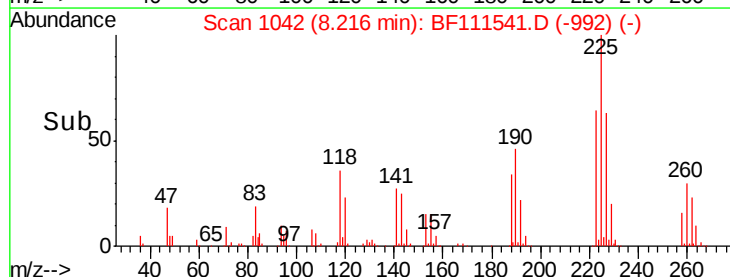
227 63.3 52.6 78.8

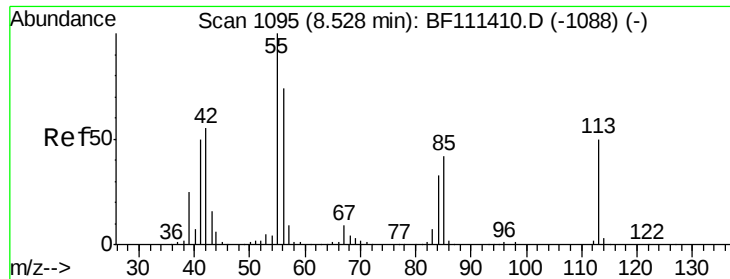


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

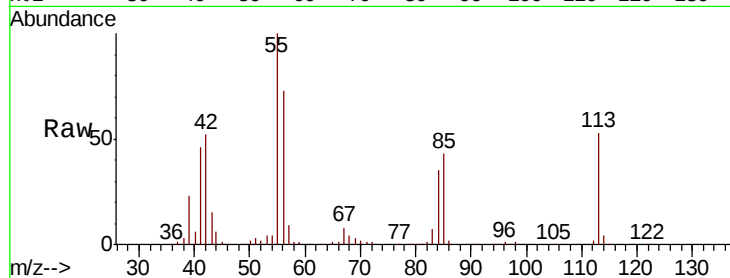




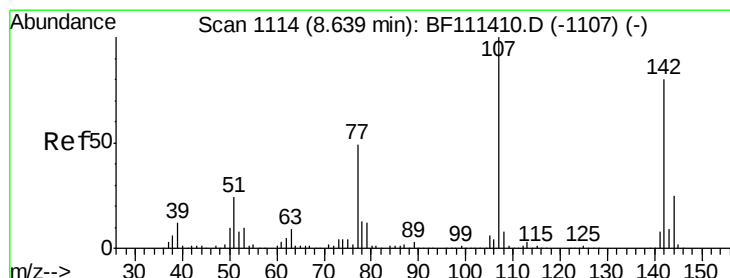
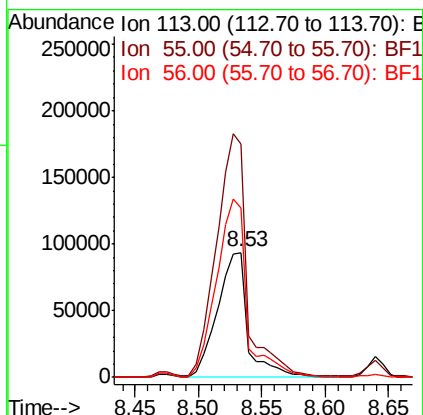
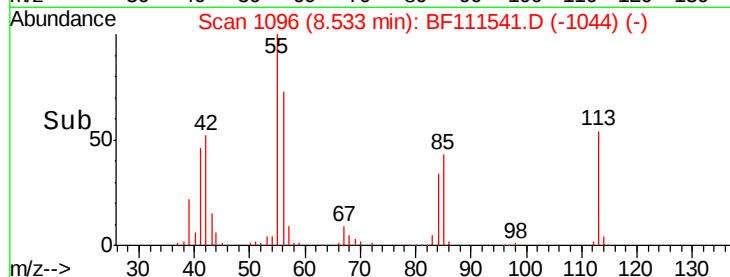
#35  
 Caprolactam  
 Concen: 38.212 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.01 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 156567  
 Ion Ratio Lower Upper  
 113 100  
 55 187.1 184.1 224.1  
 56 135.9 126.0 166.0

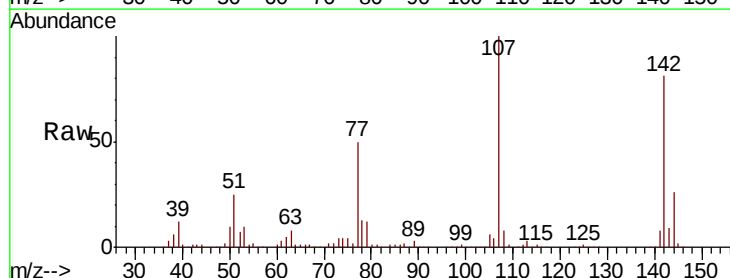


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

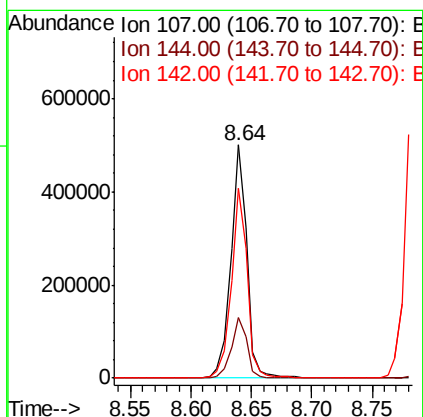
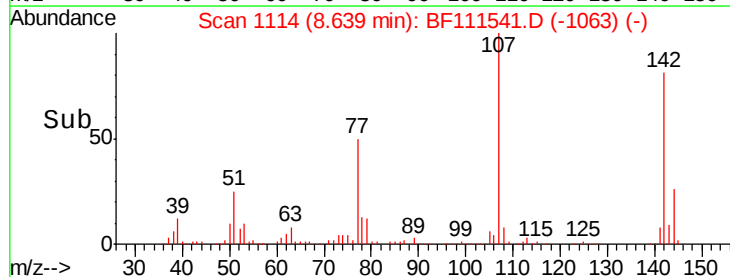


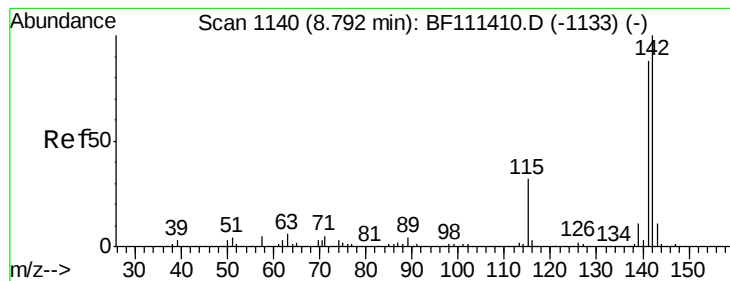
#36  
 4-Chloro-3-methylphenol  
 Concen: 38.162 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Tgt Ion:107 Resp: 463568  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 19.8 29.6  
 142 81.3 62.3 93.5



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: 37.610 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

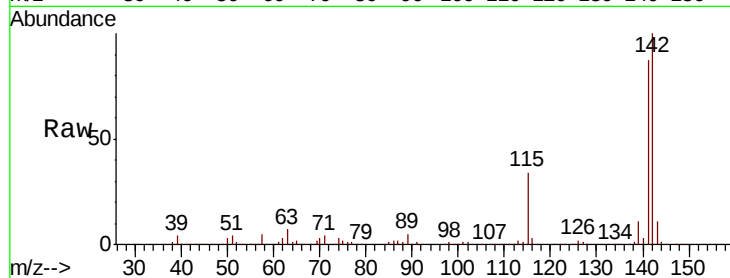
Tgt Ion:142 Resp: 955467

Ion Ratio Lower Upper

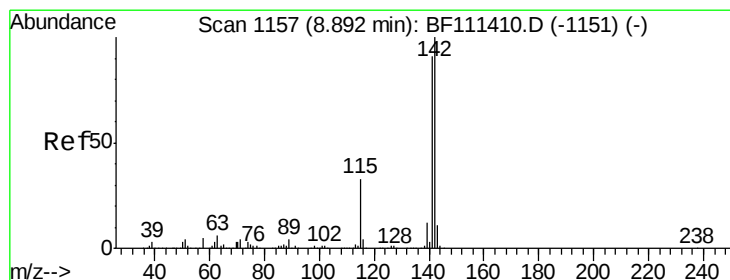
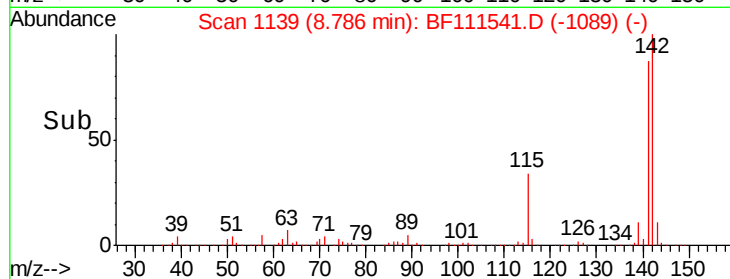
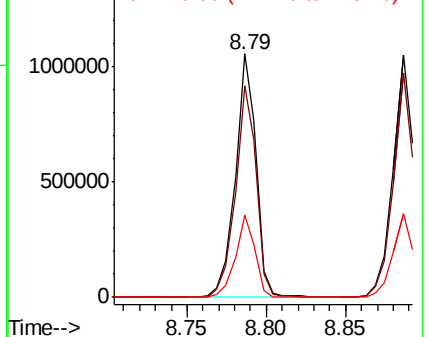
142 100

141 86.8 70.6 105.8

115 33.8 27.0 40.6



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

1-Methylnaphthalene

Concen: 37.242 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

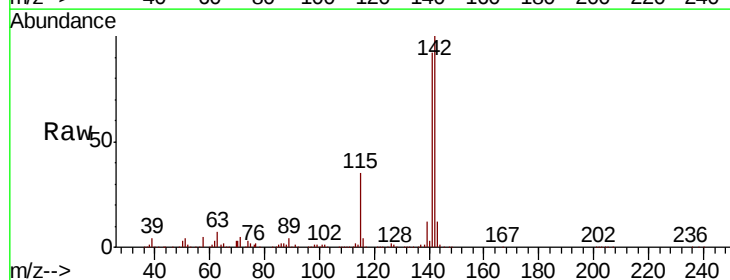
Tgt Ion:142 Resp: 914032

Ion Ratio Lower Upper

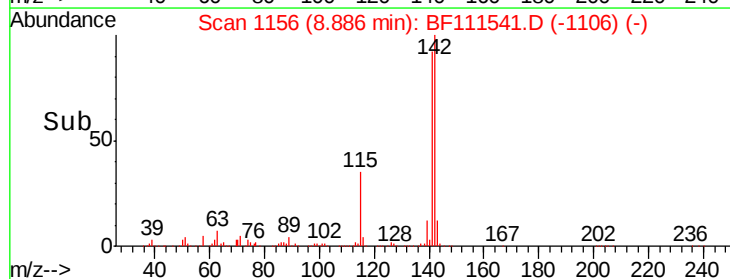
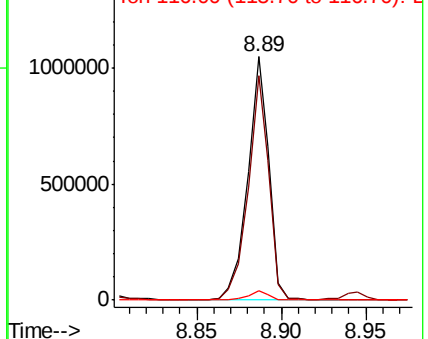
142 100

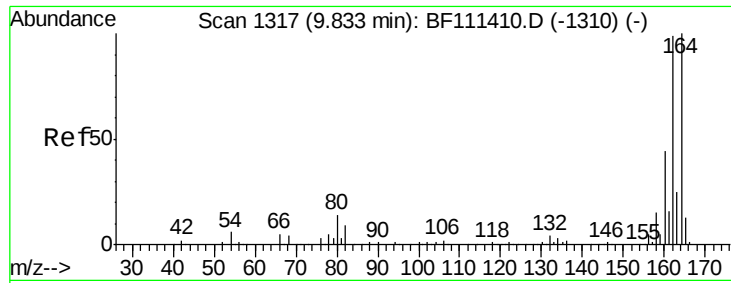
141 92.4 74.2 111.4

116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

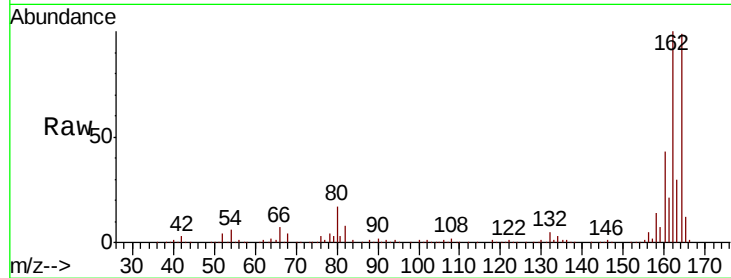




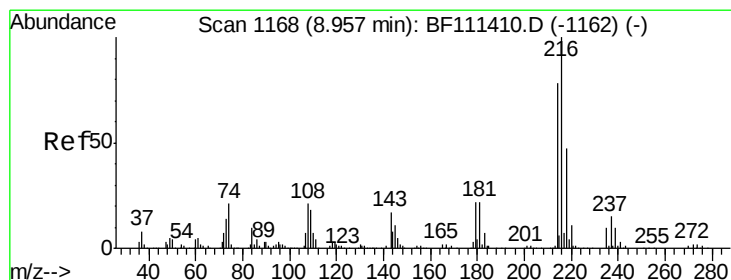
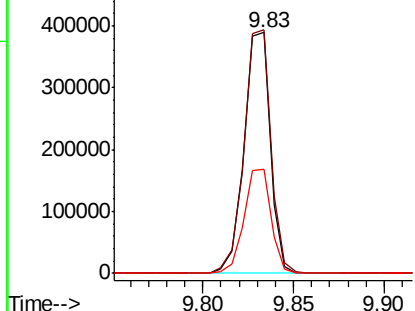
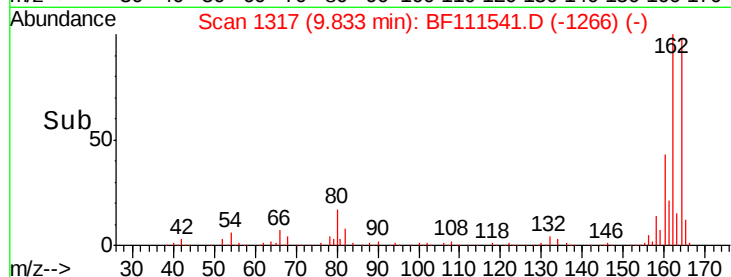
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:164 Resp: 391912  
 Ion Ratio Lower Upper  
 164 100  
 162 101.0 81.4 122.0  
 160 43.1 35.7 53.5

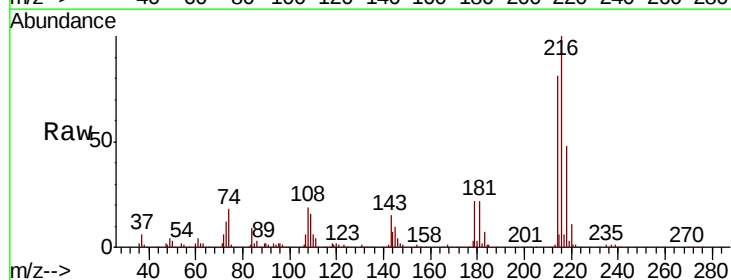


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

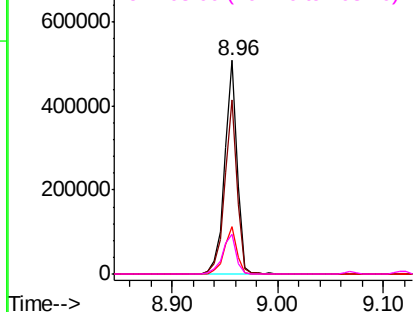
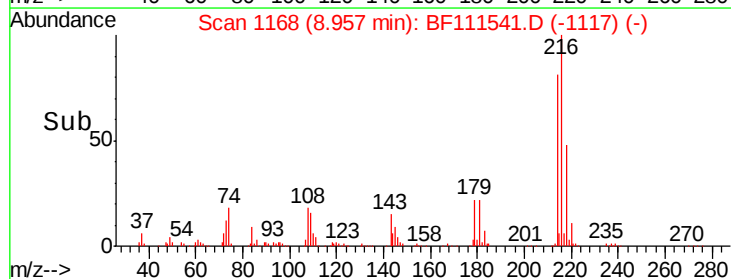


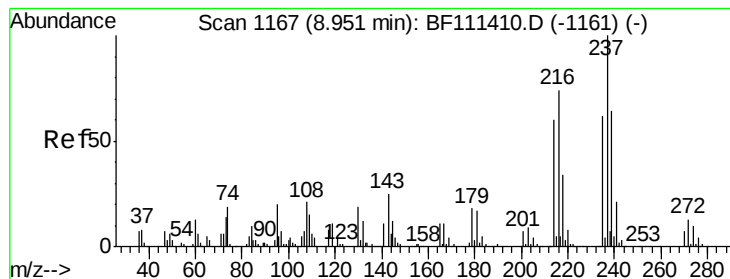
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.962 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Tgt Ion:216 Resp: 418752  
 Ion Ratio Lower Upper  
 216 100  
 214 80.4 63.8 95.8  
 179 22.0 17.9 26.9  
 108 20.8 18.4 27.6



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





#41

Hexachlorocyclopentadiene

Concen: 37.366 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

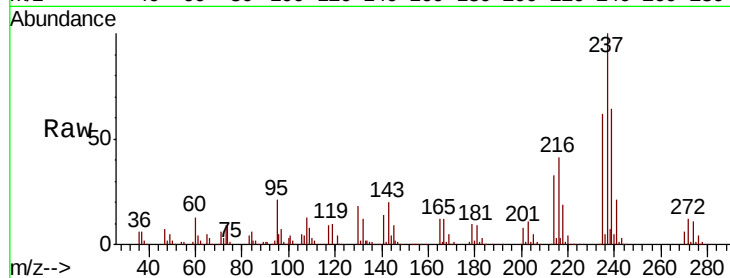
Tgt Ion: 237 Resp: 206190

Ion Ratio Lower Upper

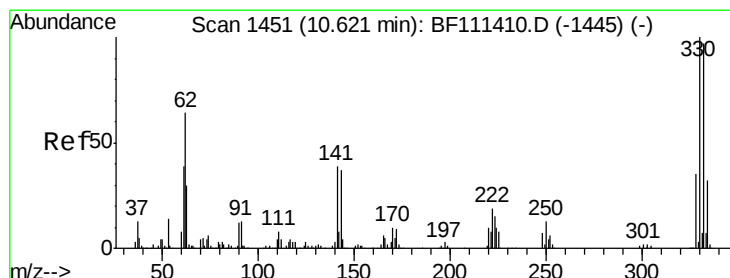
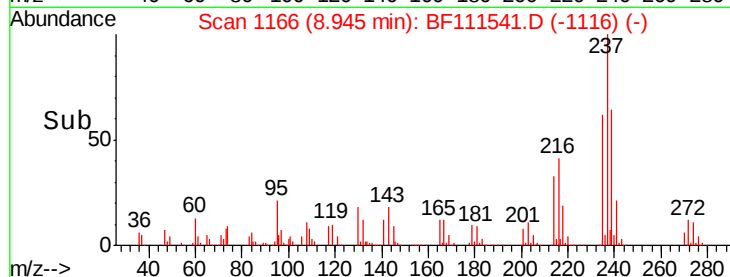
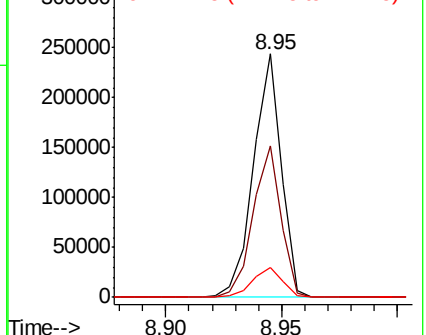
237 100

235 62.3 43.1 83.1

272 12.5 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 77.743 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

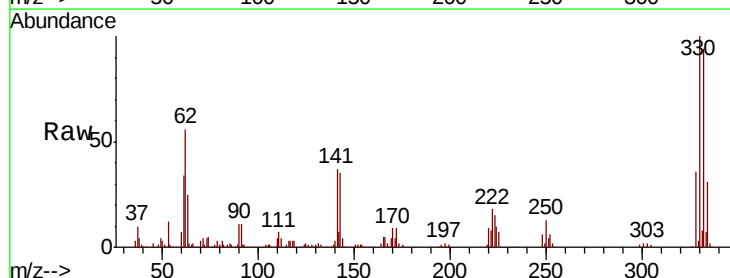
Tgt Ion: 330 Resp: 272932

Ion Ratio Lower Upper

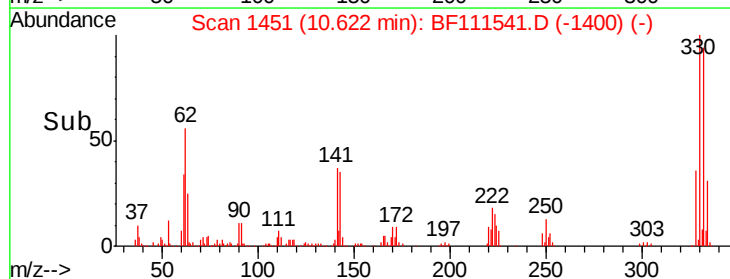
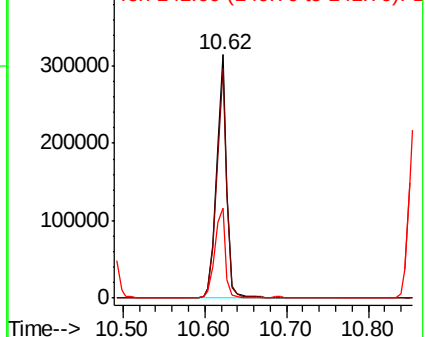
330 100

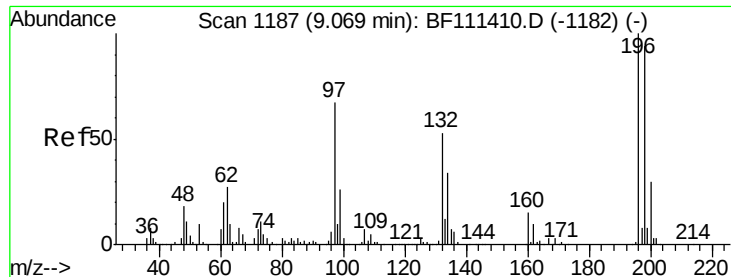
332 94.4 76.0 114.0

141 38.7 31.0 46.6



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

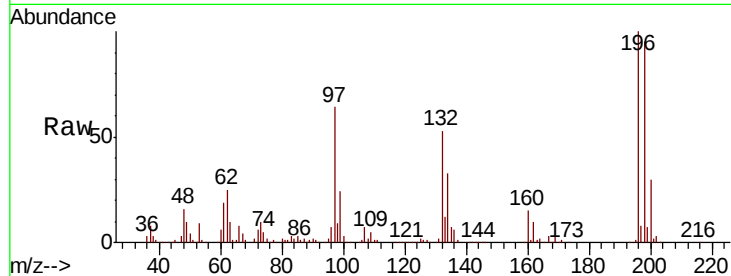




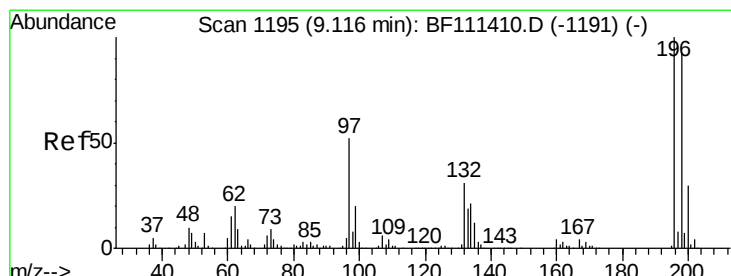
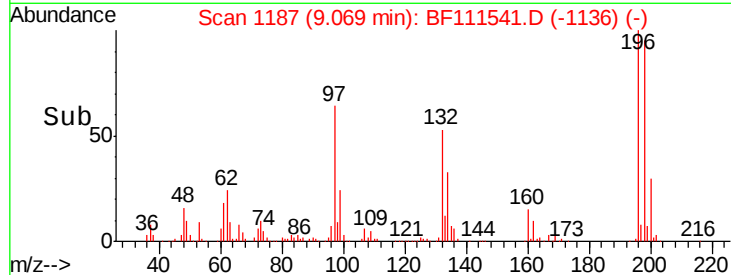
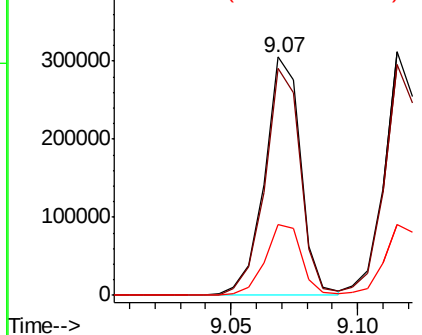
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.477 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 300298 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 95.4  | 76.3  | 114.5  |
| 200      | 29.6  | 24.9  | 37.3   |



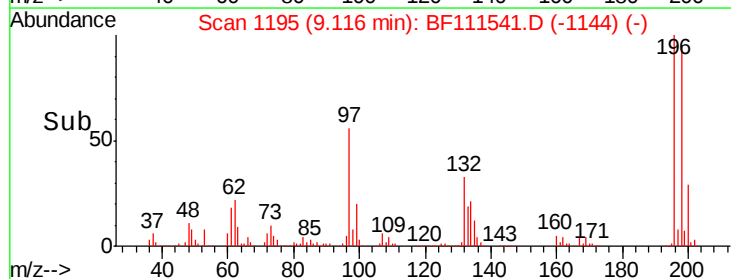
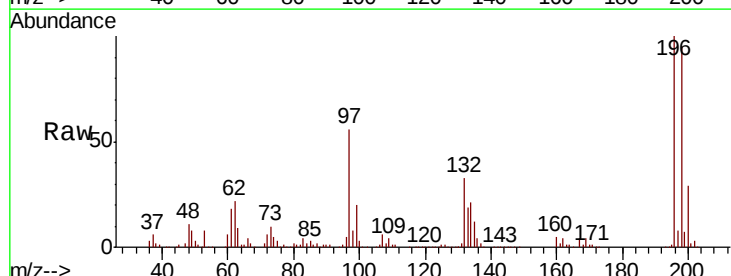
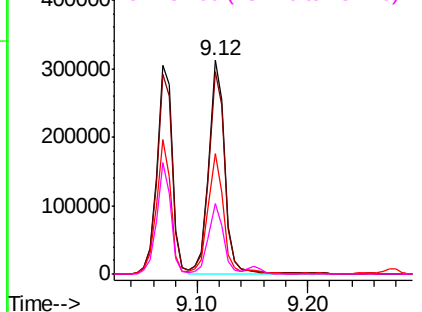
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

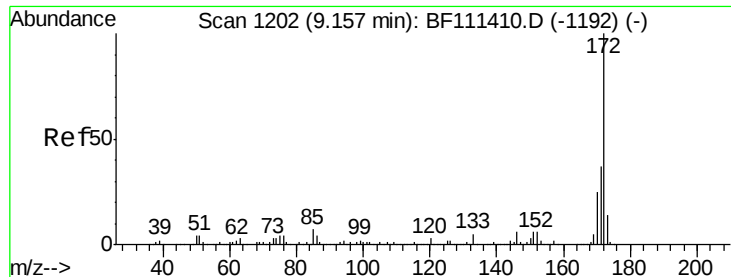


#44  
 2,4,5-Trichlorophenol  
 Concen: 37.710 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 305252 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.6  | 72.9  | 109.3  |
| 97       | 56.4  | 45.3  | 67.9   |
| 132      | 33.0  | 25.5  | 38.3   |

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): BF1  
 Ion 132.00 (131.70 to 132.70): E

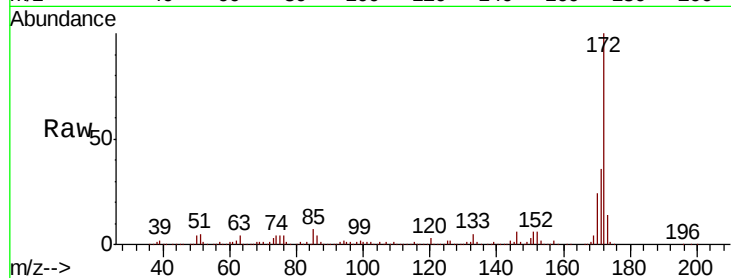




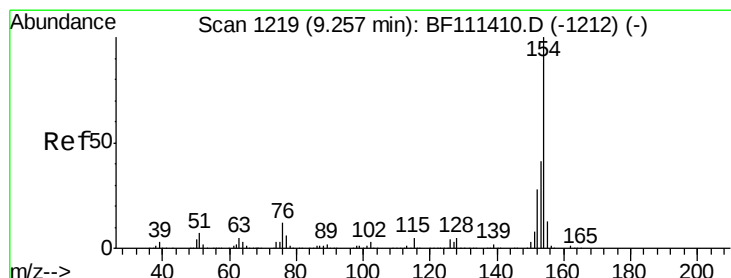
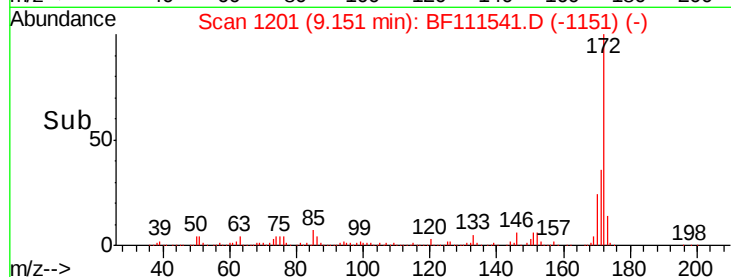
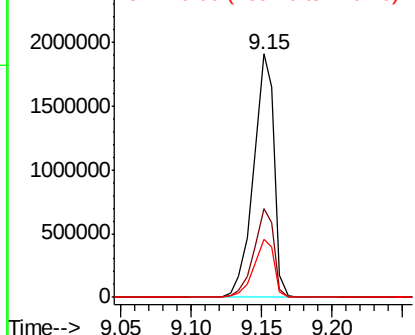
#45  
2-Fluorobiphenyl  
Concen: 77.425 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:172 Resp: 1964447  
Ion Ratio Lower Upper  
172 100  
171 36.2 33.0 49.4  
170 24.1 22.3 33.5

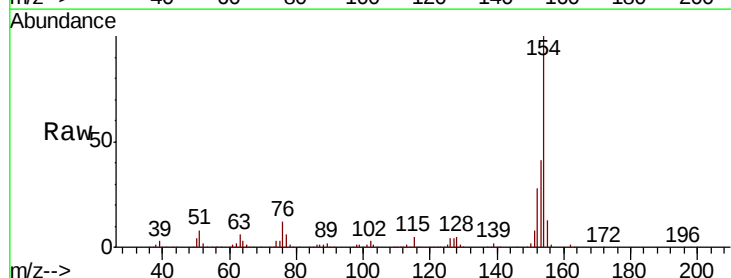


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

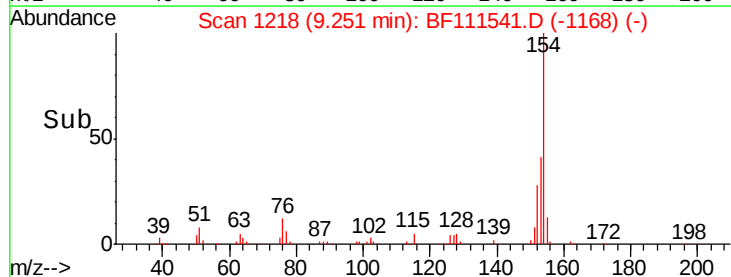
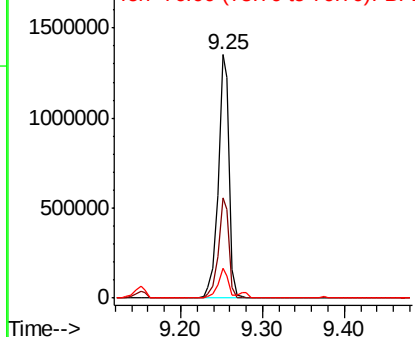


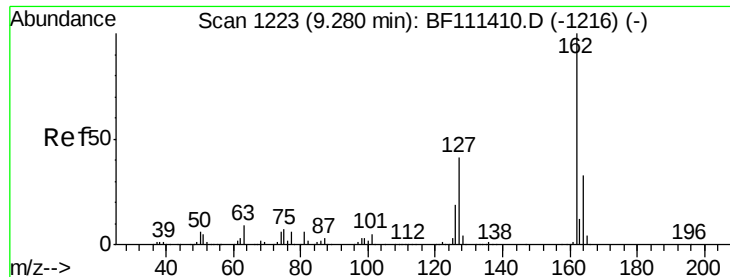
#46  
1,1'-Biphenyl  
Concen: 38.151 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion:154 Resp: 1266897  
Ion Ratio Lower Upper  
154 100  
153 41.0 23.7 63.7  
76 12.3 0.0 35.0



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): BF1

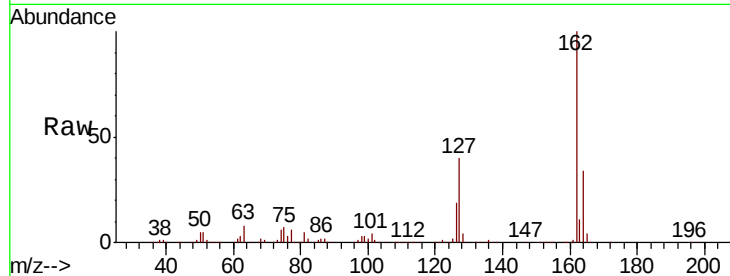




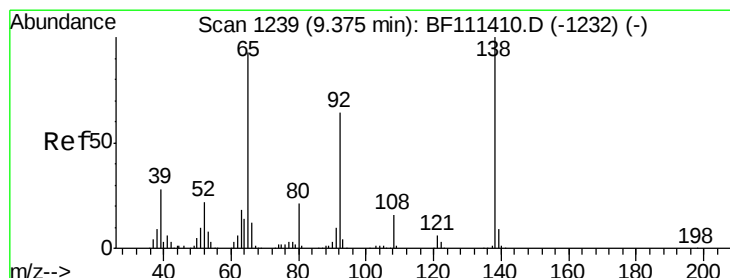
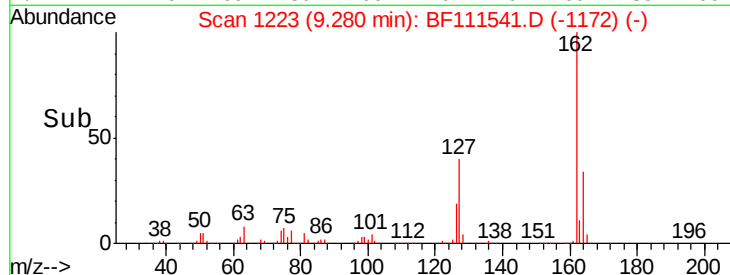
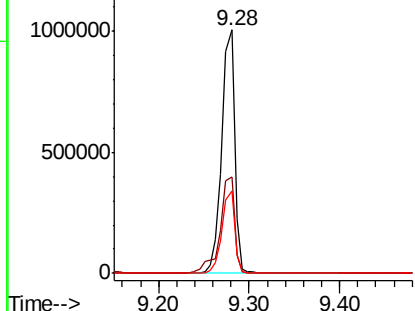
#47  
2-Chloronaphthalene  
Concen: 38.955 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.8  | 35.0  | 52.4  |
| 164     | 33.8  | 28.4  | 42.6  |

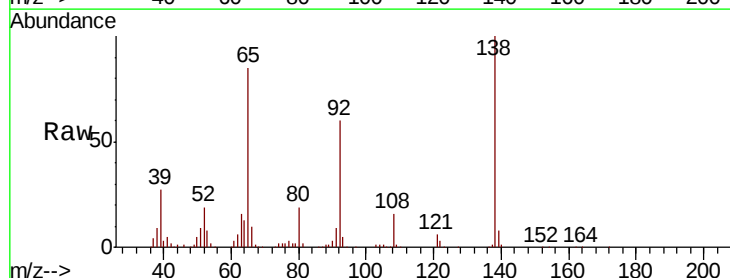


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

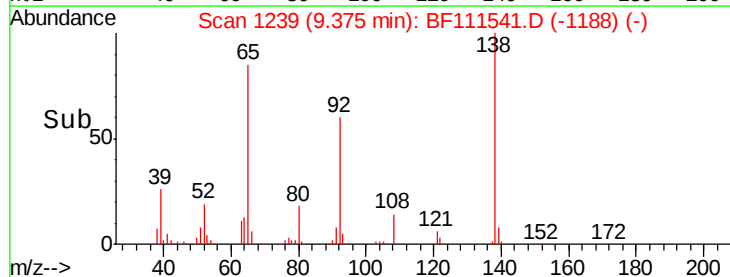
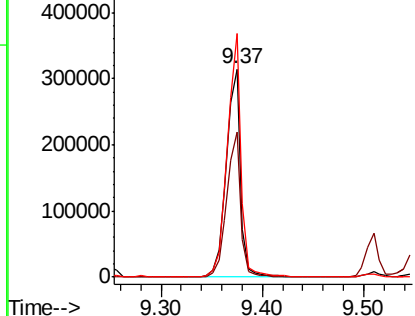


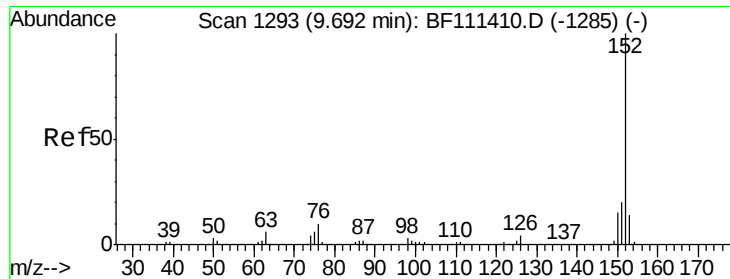
#48  
2-Nitroaniline  
Concen: 37.637 ng  
RT: 9.37 min Scan# 1239  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.1  | 53.5  | 80.3  |
| 138     | 117.2 | 80.9  | 121.3 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.949 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

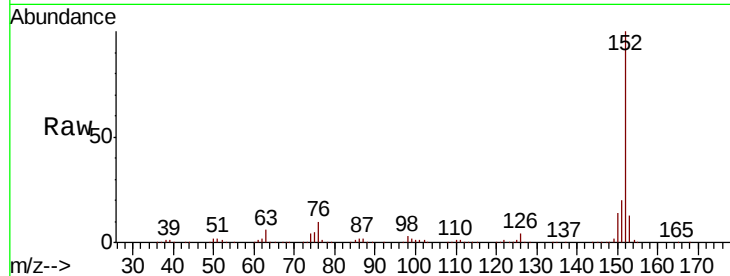
Tgt Ion:152 Resp: 1421842

Ion Ratio Lower Upper

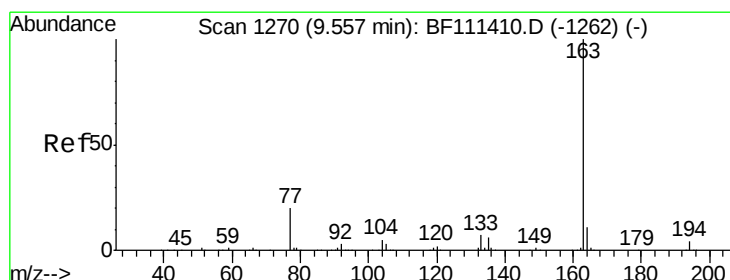
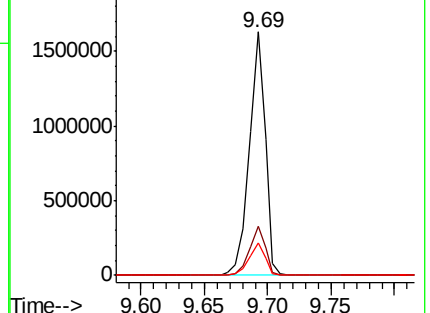
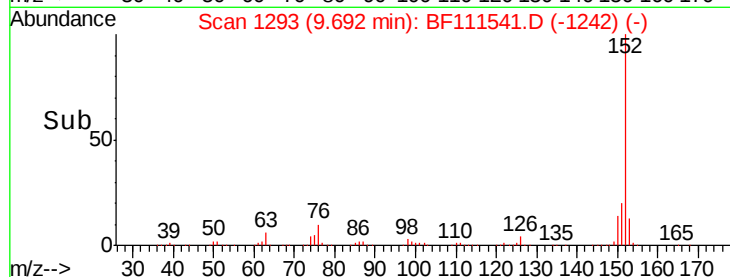
152 100

151 20.3 18.0 27.0

153 13.3 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.876 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

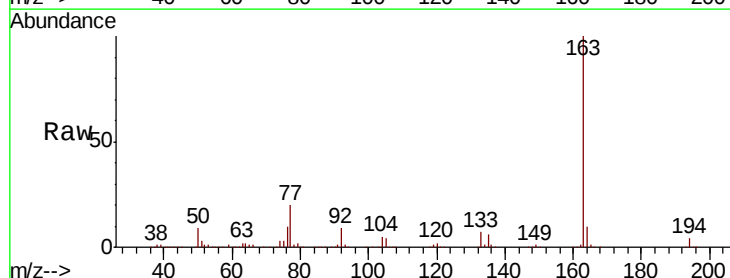
Tgt Ion:163 Resp: 1069027

Ion Ratio Lower Upper

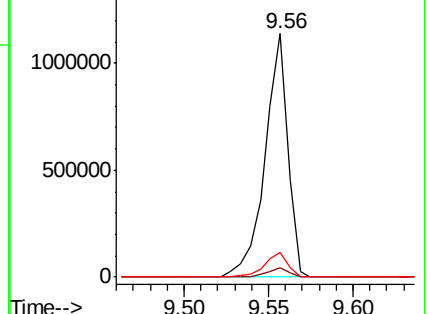
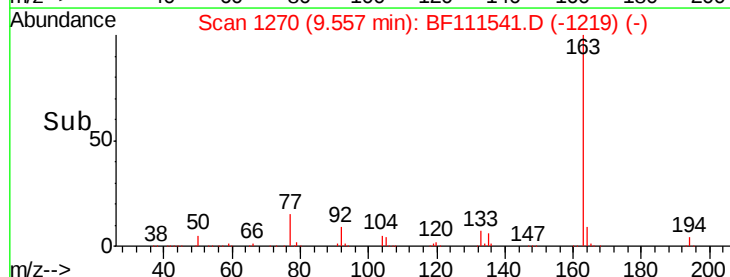
163 100

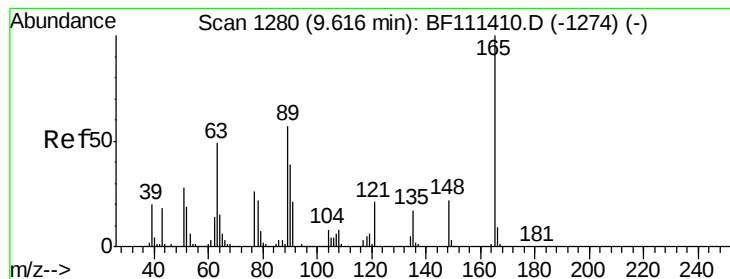
194 3.7 3.0 4.6

164 10.0 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 38.792 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

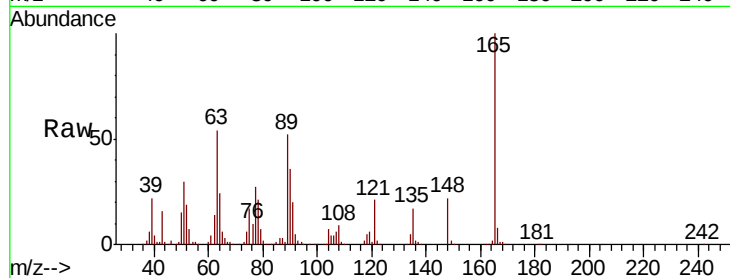
Tgt Ion:165 Resp: 246453

Ion Ratio Lower Upper

165 100

63 54.1 40.5 60.7

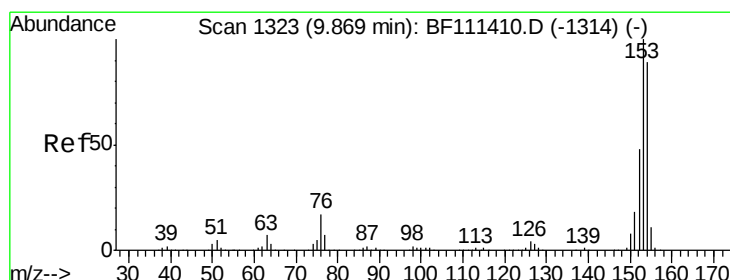
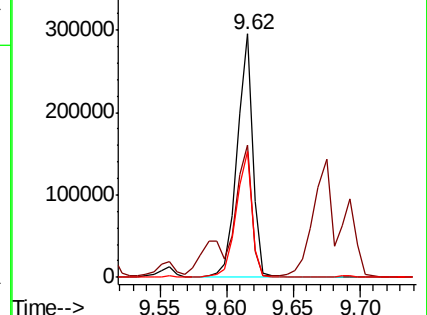
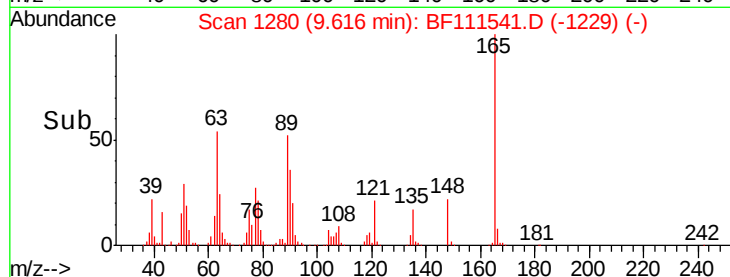
89 51.7 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.777 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

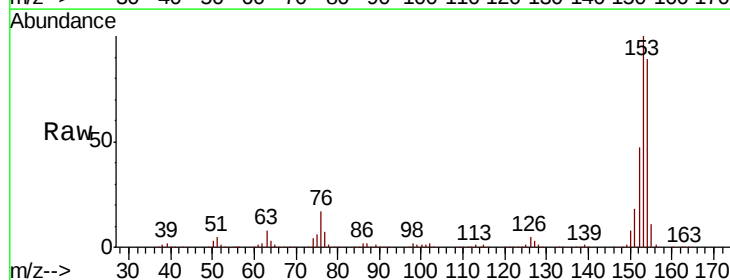
Tgt Ion:154 Resp: 941965

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.8

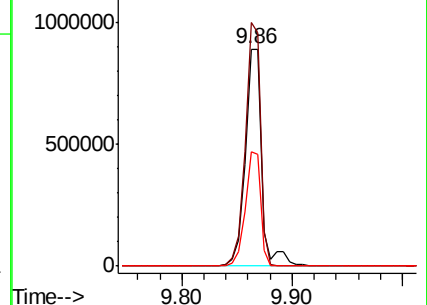
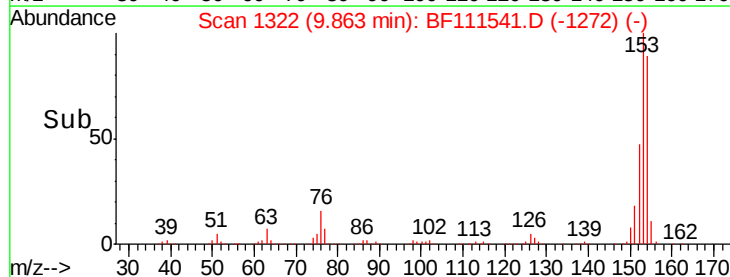
152 52.7 43.4 65.2

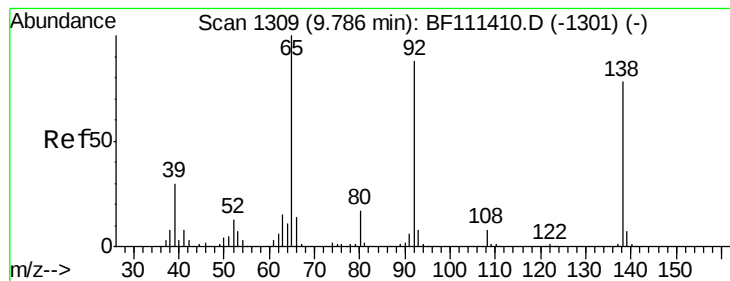


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.250 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

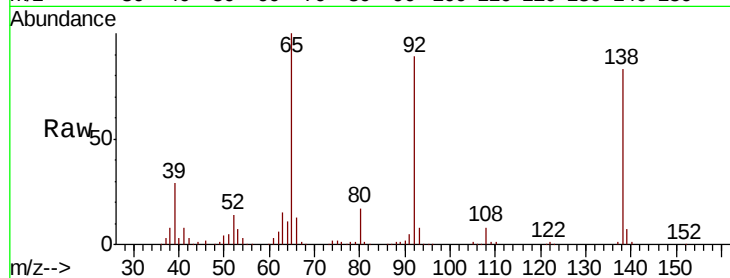
Tgt Ion:138 Resp: 295161

Ion Ratio Lower Upper

138 100

108 9.5 8.2 12.4

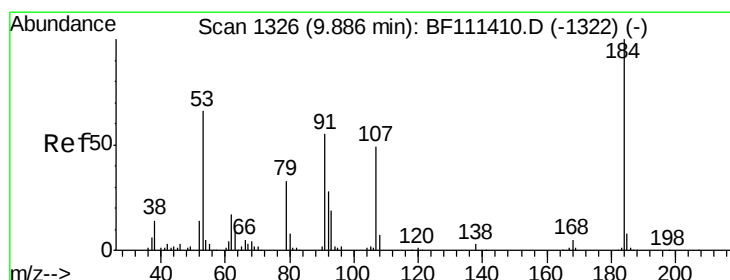
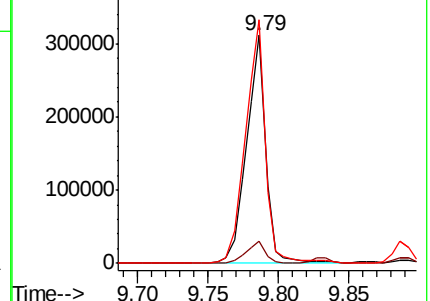
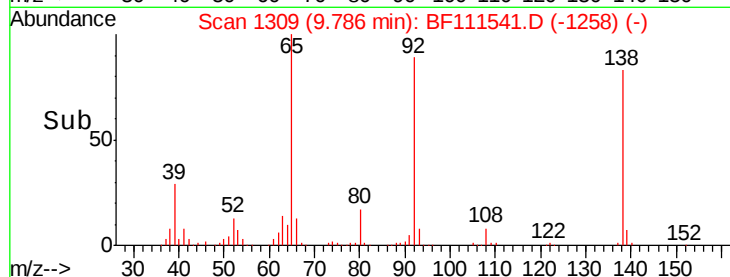
92 106.8 93.4 140.2



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): BF1



#54

2,4-Dinitrophenol

Concen: 41.449 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

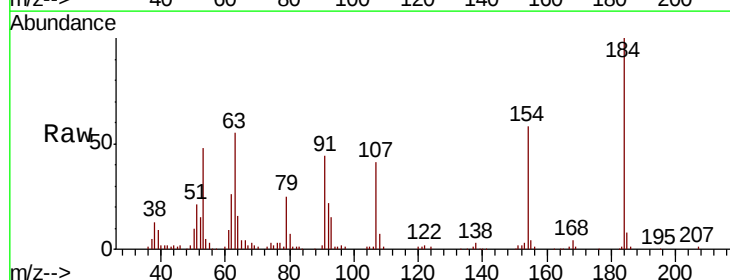
Tgt Ion:184 Resp: 100185

Ion Ratio Lower Upper

184 100

63 54.5 62.3 93.5#

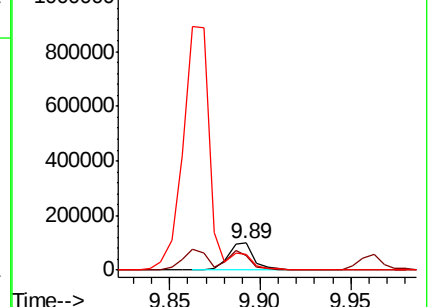
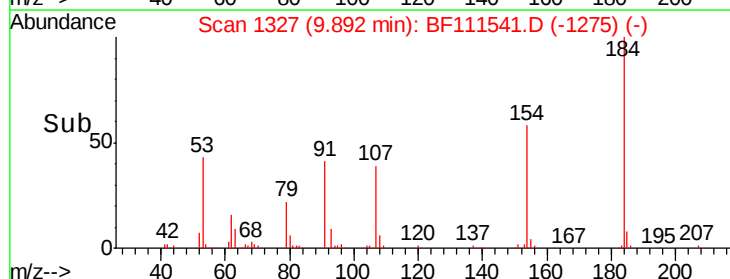
154 58.4 56.2 84.2

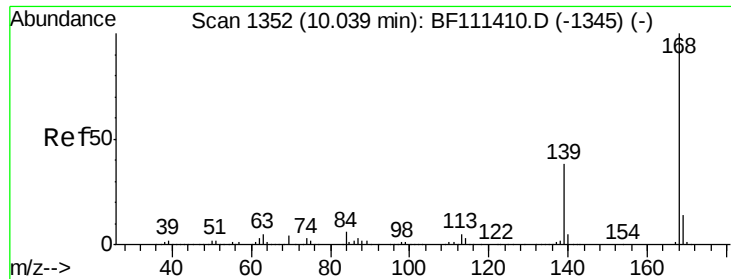


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

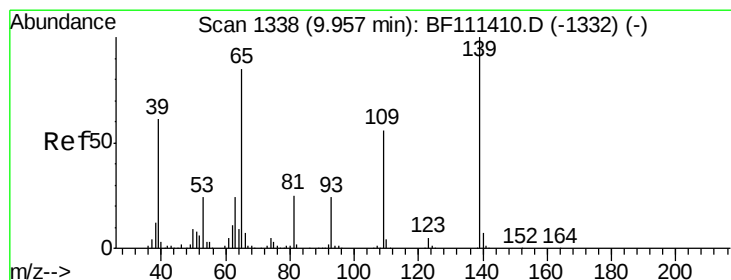
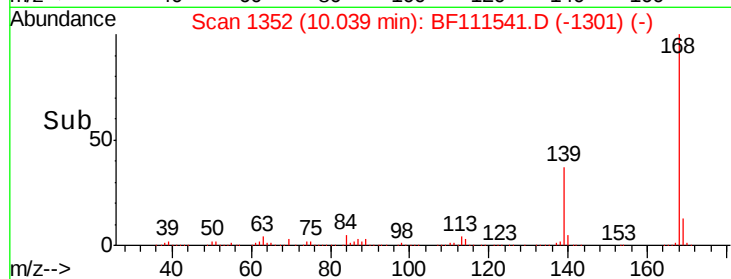
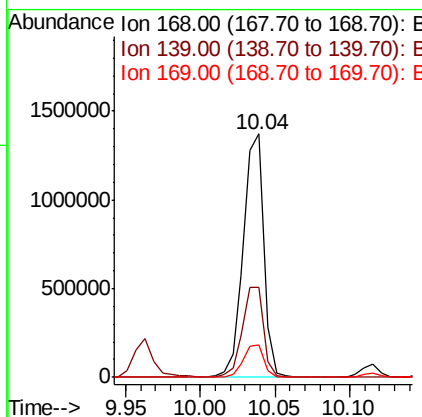
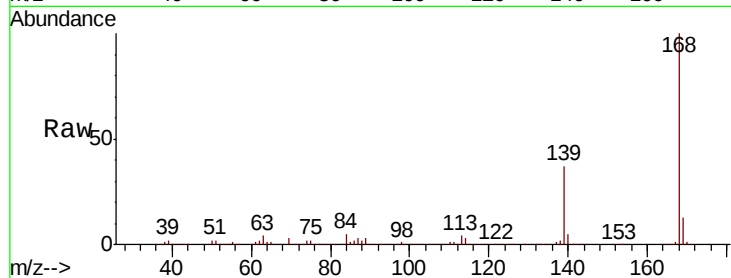




#55  
Dibenzenofuran  
Concen: 38.320 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

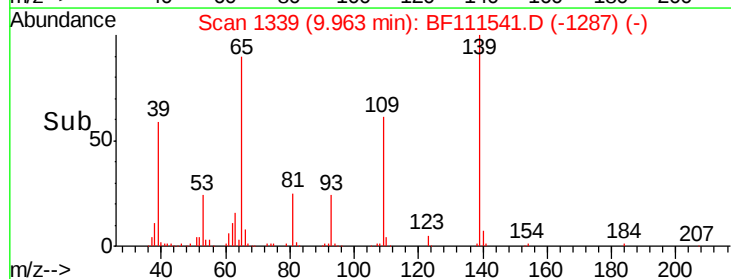
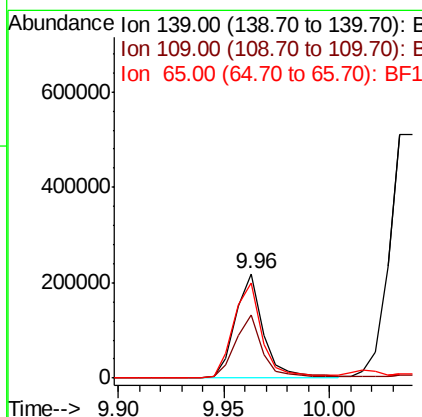
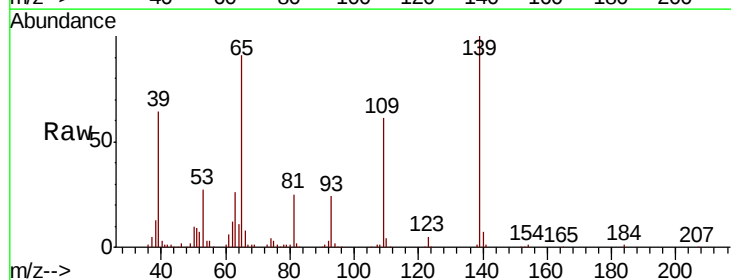
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

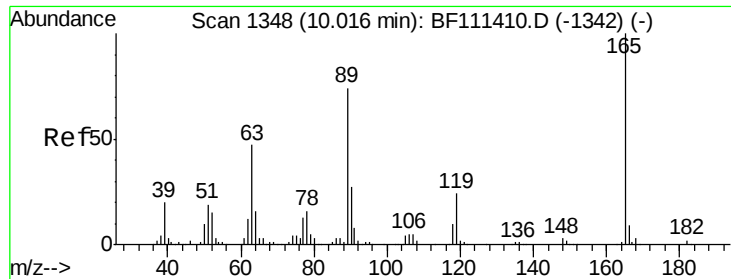
Tgt Ion:168 Resp: 1317201  
Ion Ratio Lower Upper  
168 100  
139 37.1 32.6 49.0  
169 13.3 11.8 17.6



#56  
4-Nitrophenol  
Concen: 37.809 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion:139 Resp: 201912  
Ion Ratio Lower Upper  
139 100  
109 60.7 41.8 81.8  
65 91.0 79.6 119.6

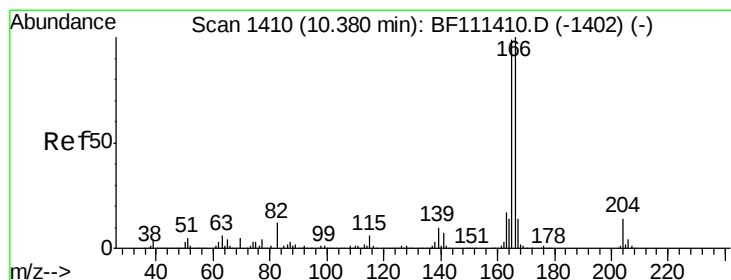
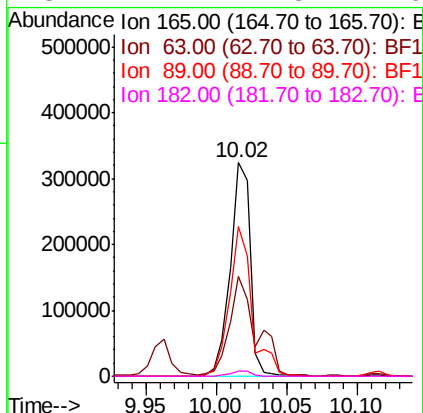
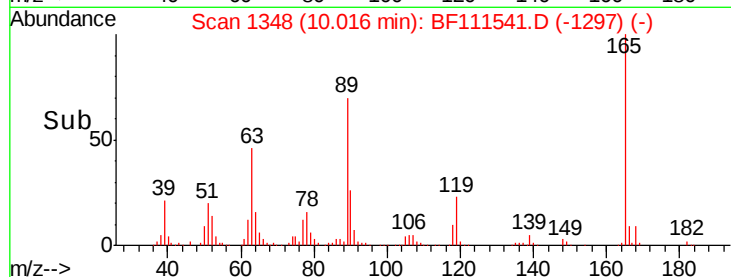
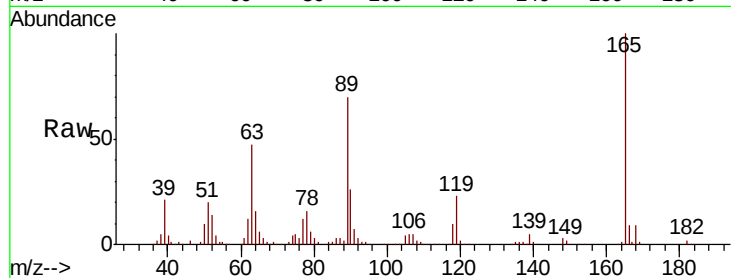




#57  
2,4-Dinitrotoluene  
Concen: 38.535 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

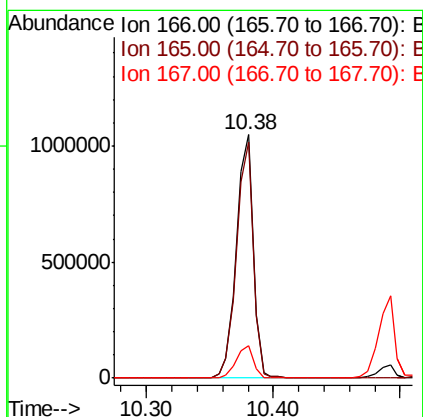
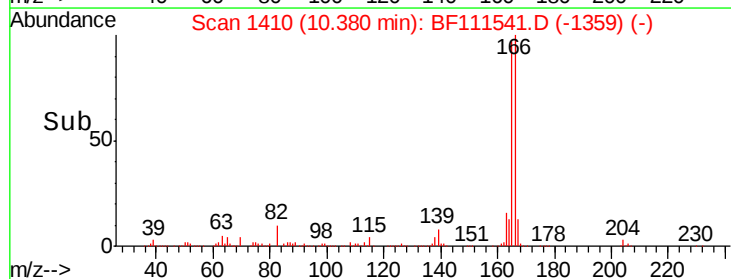
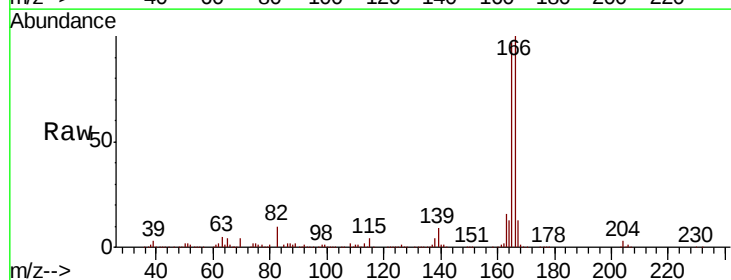
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

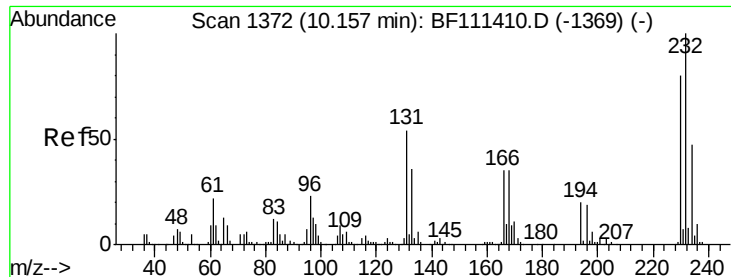
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 321325 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 46.8  | 34.6  | 52.0   |
| 89       | 69.9  | 56.2  | 84.4   |
| 182      | 2.4   | 1.8   | 2.6    |



#58  
Fluorene  
Concen: 38.457 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 958836 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 96.9  | 78.4  | 117.6  |
| 167      | 13.4  | 11.2  | 16.8   |

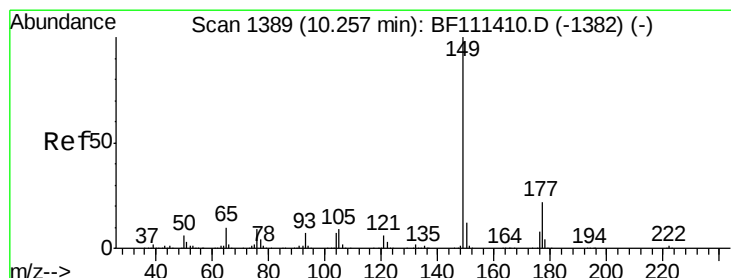
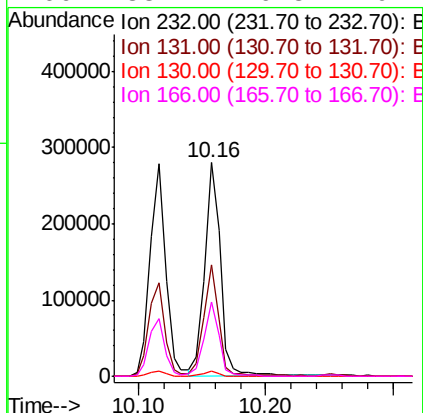
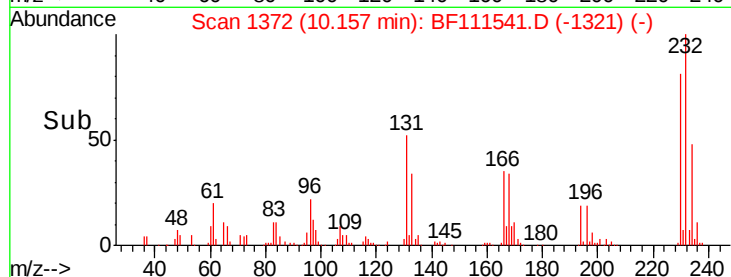
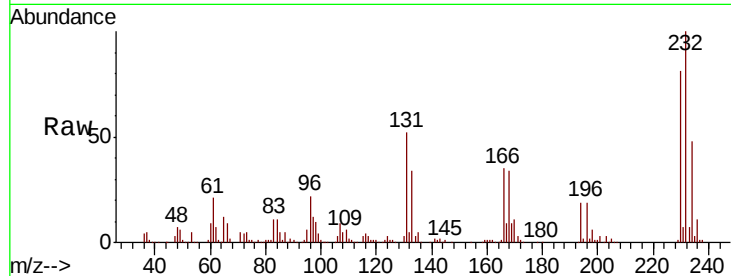




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.375 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. 0.00 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

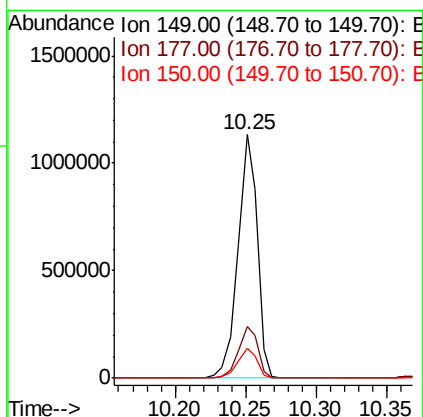
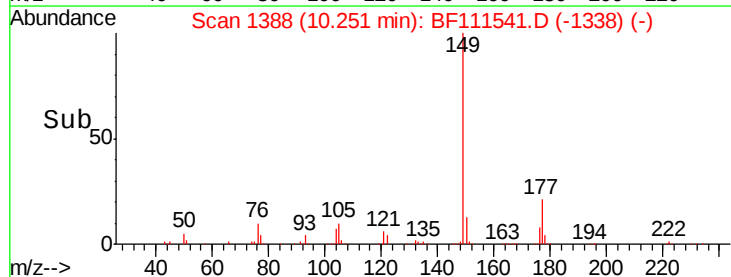
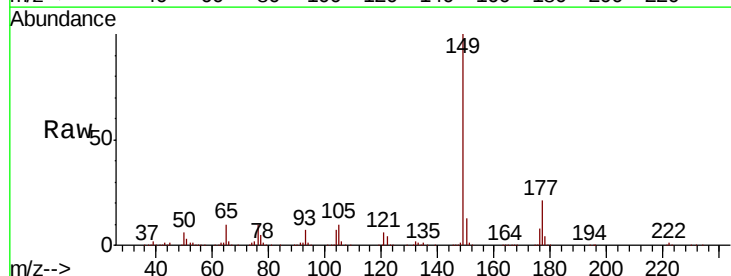
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

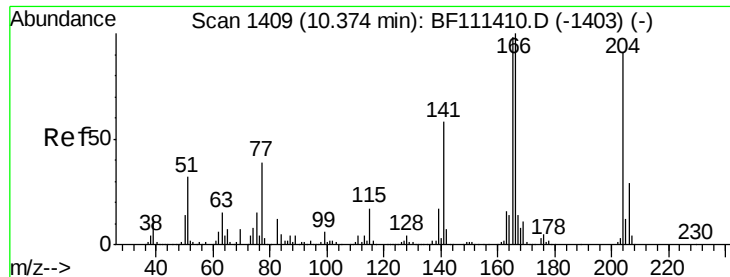
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.5  | 40.9  | 61.3  |
| 130     | 2.4   | 2.0   | 3.0   |
| 166     | 33.7  | 26.8  | 40.2  |



#60  
Diethylphthalate  
Concen: 37.528 ng  
RT: 10.25 min Scan# 1388  
Delta R.T. -0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.1  | 18.3  | 27.5  |
| 150     | 12.5  | 10.6  | 15.8  |

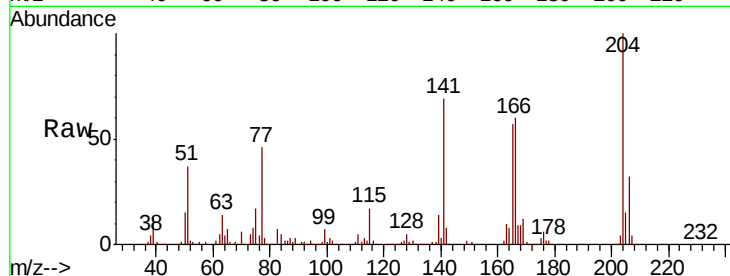




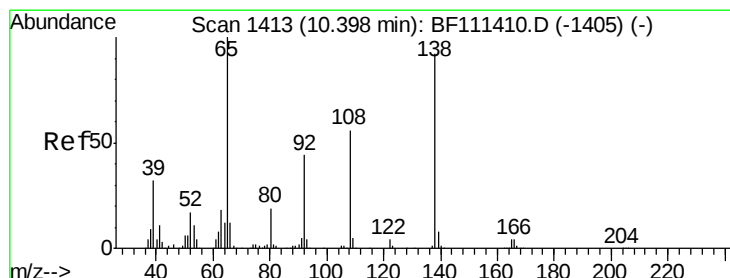
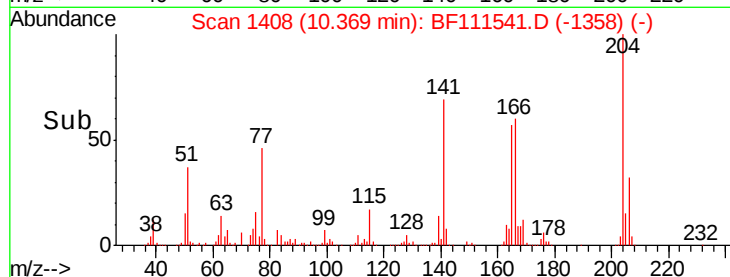
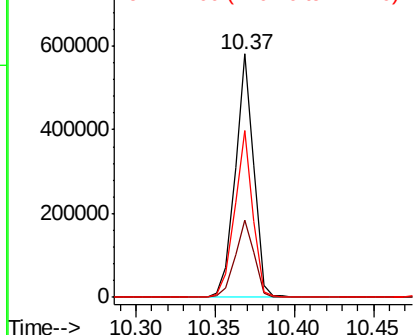
#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.518 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. -0.01 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.6  | 39.8  |
| 141     | 68.7  | 52.6  | 78.8  |

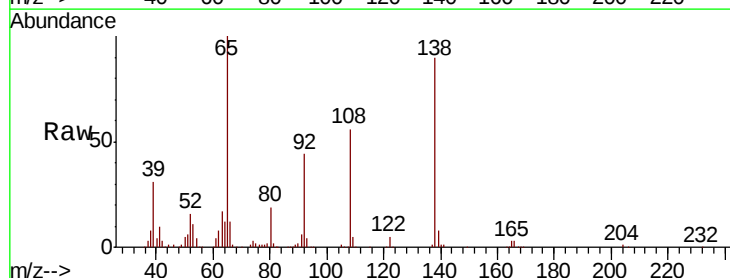


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

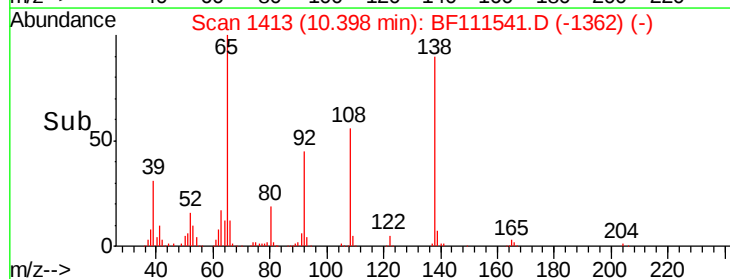
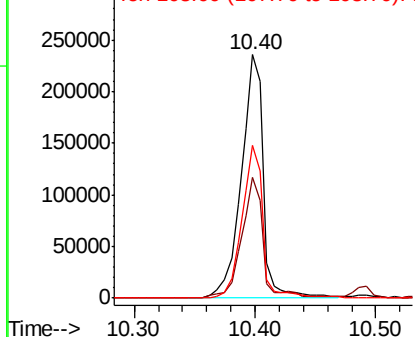


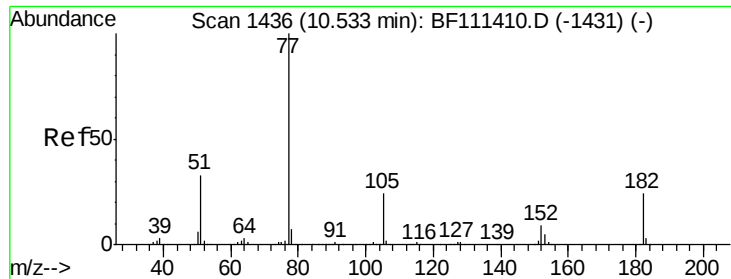
#62  
 4-Nitroaniline  
 Concen: 39.228 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.6  | 29.9  | 69.9  |
| 108     | 62.8  | 43.2  | 83.2  |



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.367 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1025045

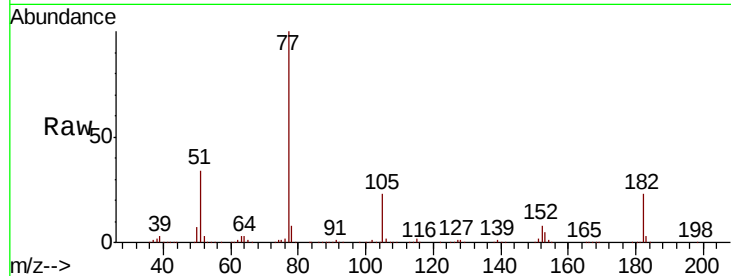
Ion Ratio Lower Upper

77 100

182 22.6 4.9 44.9

105 23.2 6.0 46.0

51 34.1 14.7 54.7

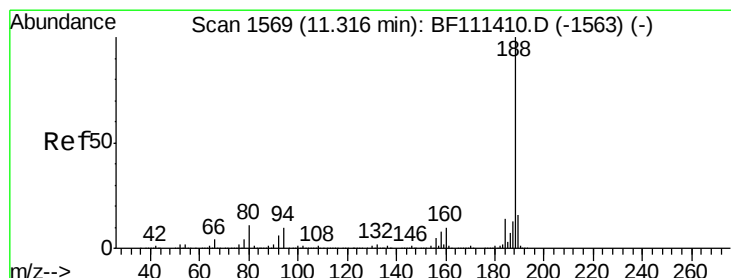
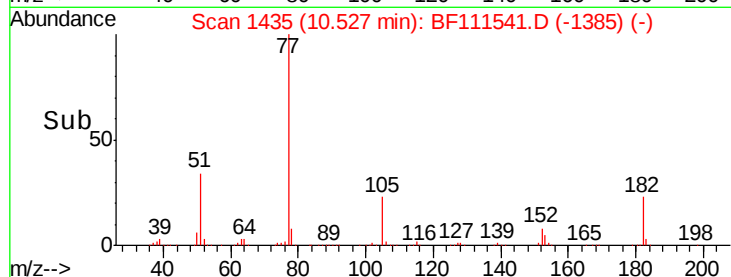
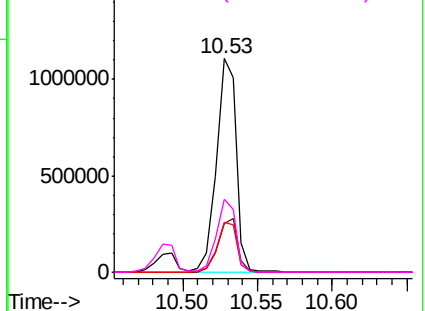


Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

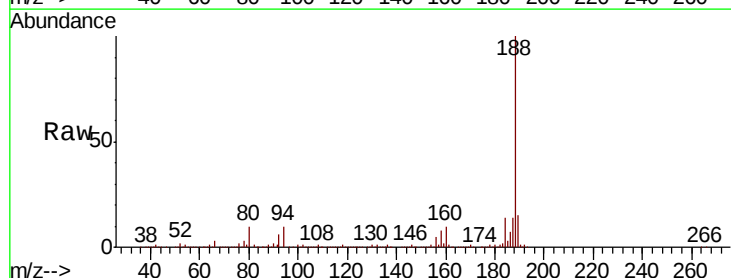
Tgt Ion: 188 Resp: 842974

Ion Ratio Lower Upper

188 100

94 10.2 9.6 14.4

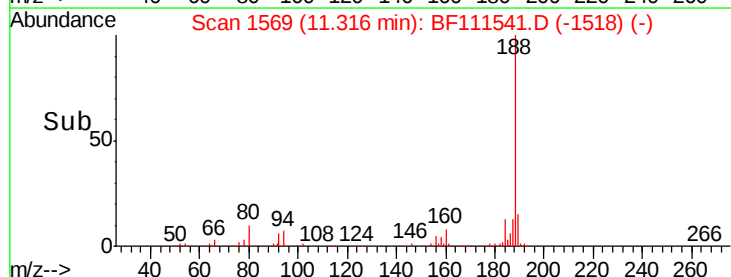
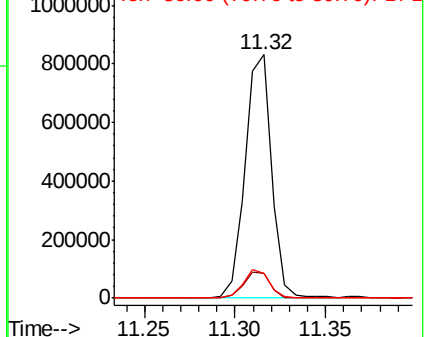
80 10.3 9.8 14.6

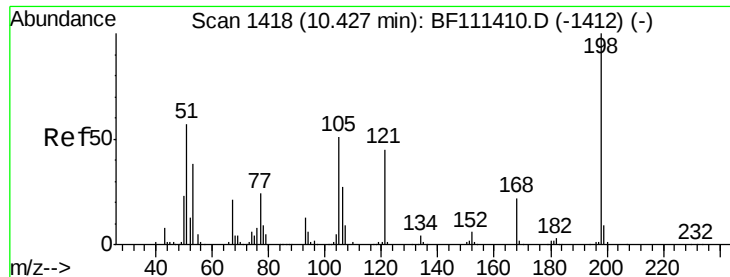


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

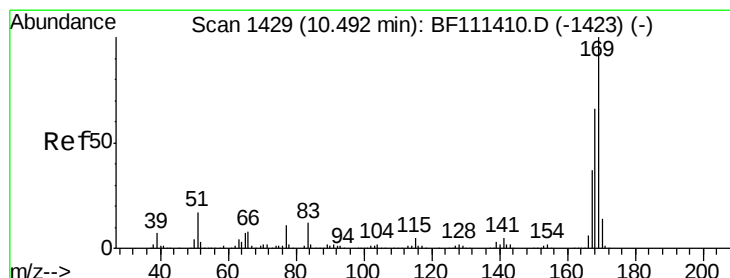
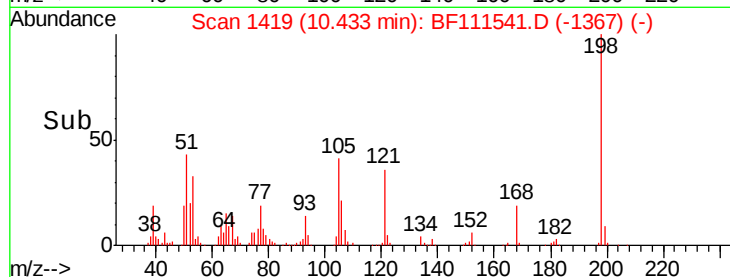
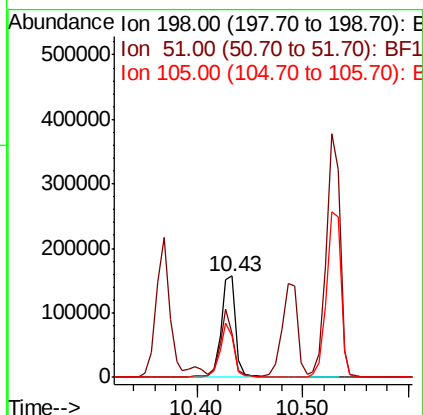
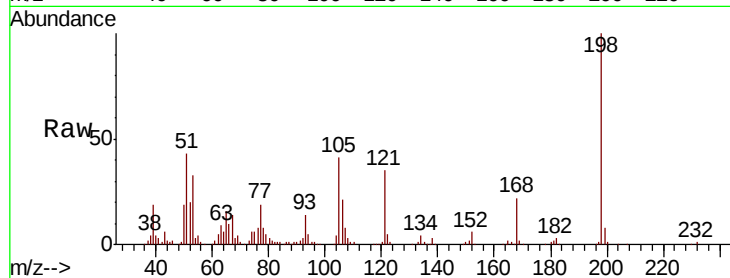




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 32.119 ng  
 RT: 10.43 min Scan# 1419  
 Delta R.T. 0.01 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

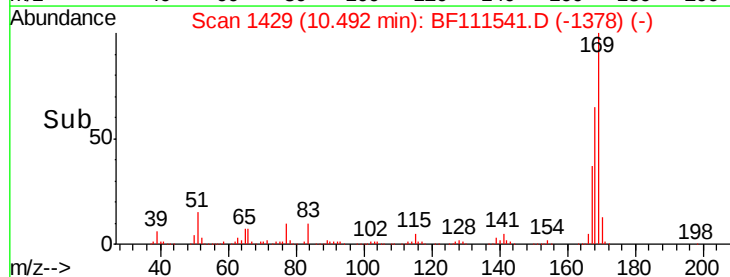
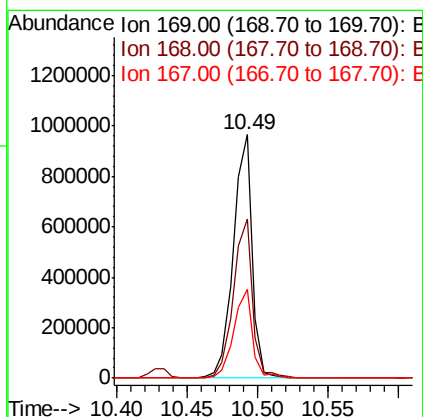
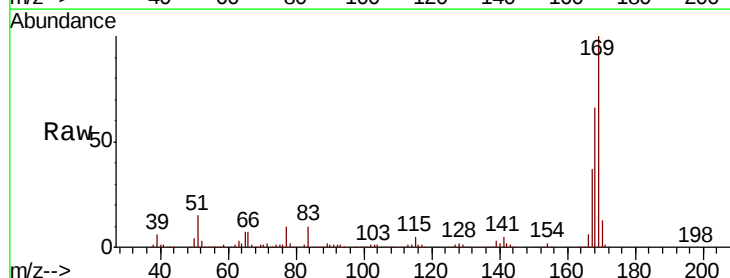
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

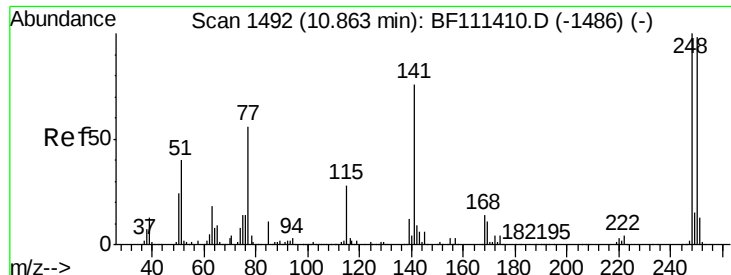
Tgt Ion:198 Resp: 152856  
 Ion Ratio Lower Upper  
 198 100  
 51 43.3 48.0 88.0#  
 105 40.8 34.0 74.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 30.654 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. 0.00 min  
 Lab File: BF111541.D  
 Acq: 17 Dec 2018 16:11

Tgt Ion:169 Resp: 891103  
 Ion Ratio Lower Upper  
 169 100  
 168 65.5 54.4 81.6  
 167 36.6 30.5 45.7





#67

4-Bromophenyl-phenylether

Concen: 31.677 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

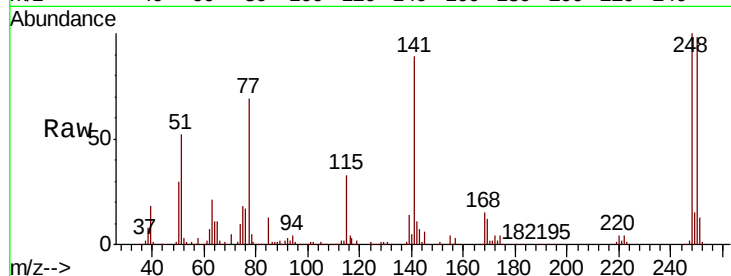
Tgt Ion:248 Resp: 287799

Ion Ratio Lower Upper

248 100

250 98.2 77.0 115.4

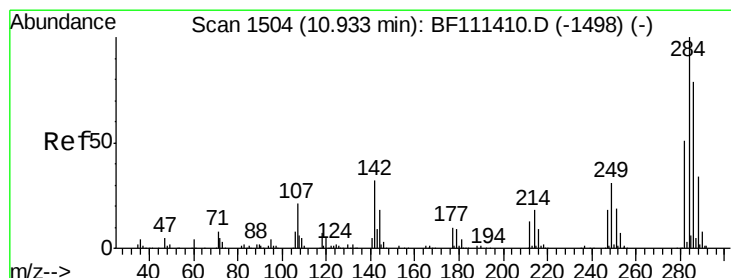
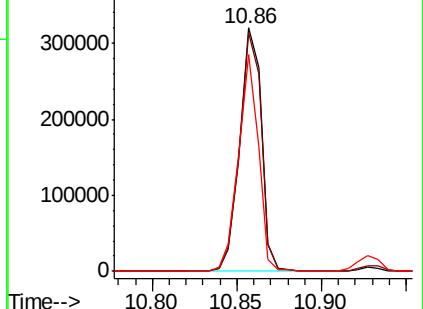
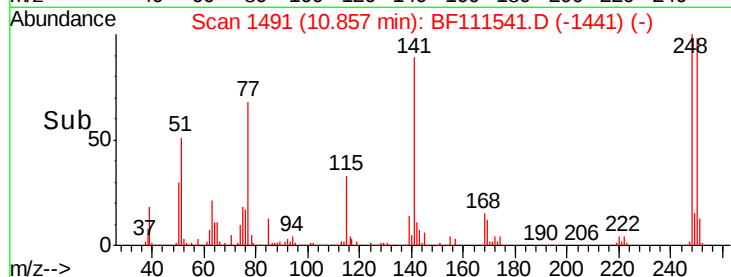
141 88.9 63.0 94.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 32.473 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

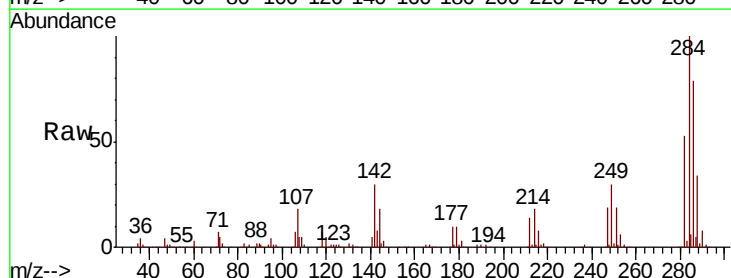
Tgt Ion:284 Resp: 303485

Ion Ratio Lower Upper

284 100

142 30.1 27.4 41.2

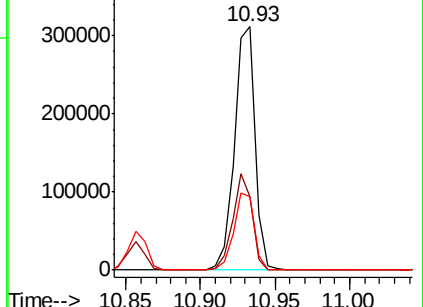
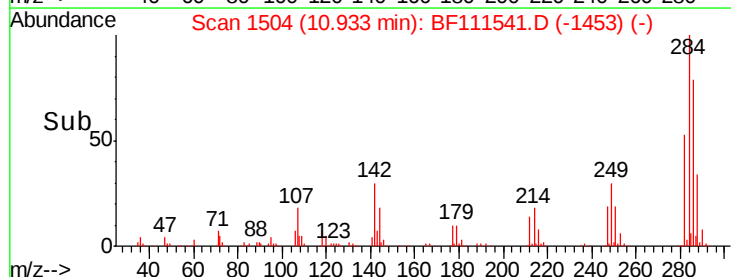
249 30.0 24.4 36.6

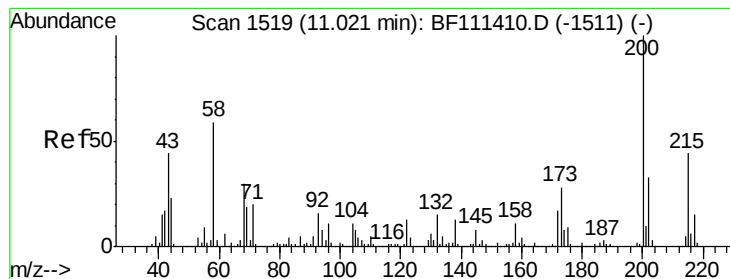


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 31.541 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

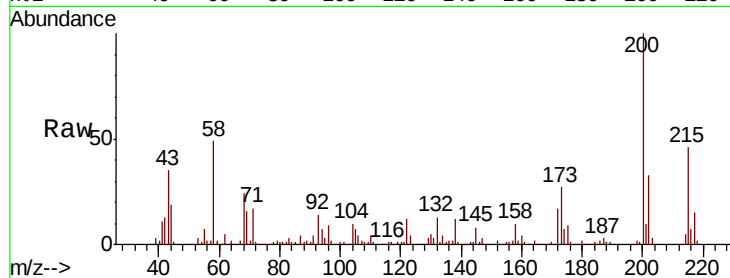
Tgt Ion:200 Resp: 264978

Ion Ratio Lower Upper

200 100

173 27.3 10.1 50.1

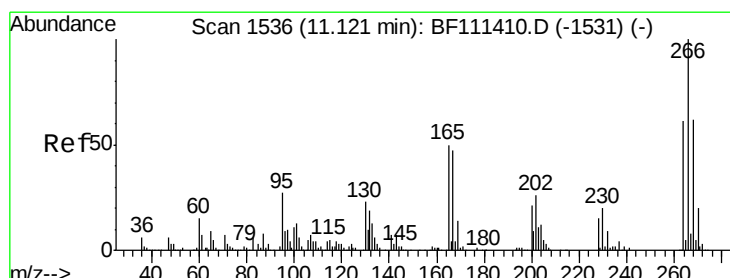
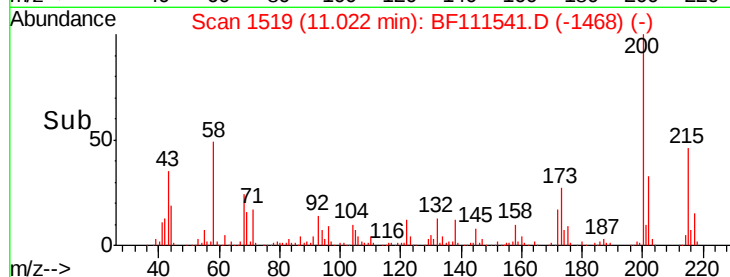
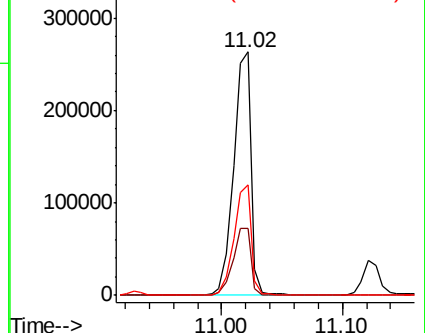
215 45.6 26.9 66.9



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



#70

Pentachlorophenol

Concen: 36.549 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

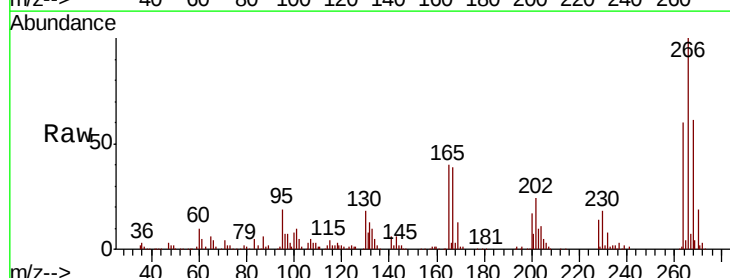
Tgt Ion:266 Resp: 209511

Ion Ratio Lower Upper

266 100

268 60.6 47.9 71.9

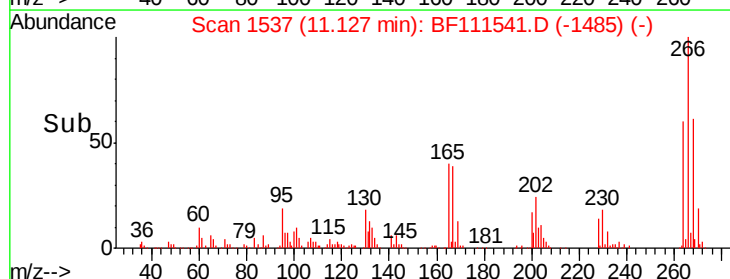
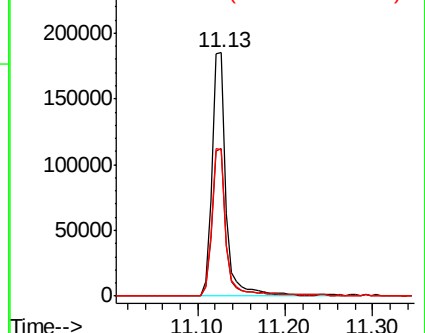
264 60.0 49.1 73.7

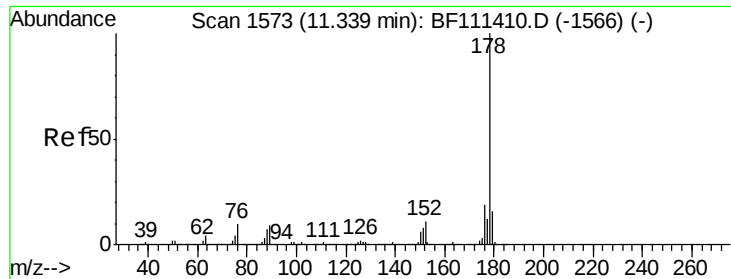


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.576 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

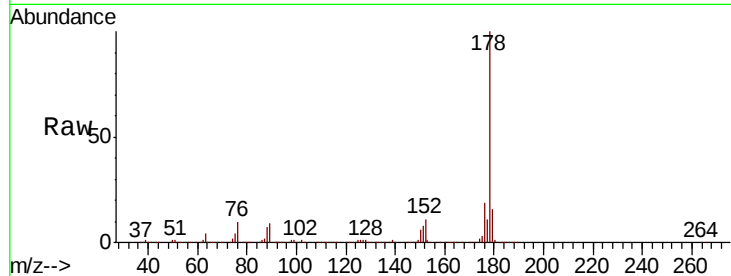
Tgt Ion:178 Resp: 1675637

Ion Ratio Lower Upper

178 100

176 19.2 18.1 27.1

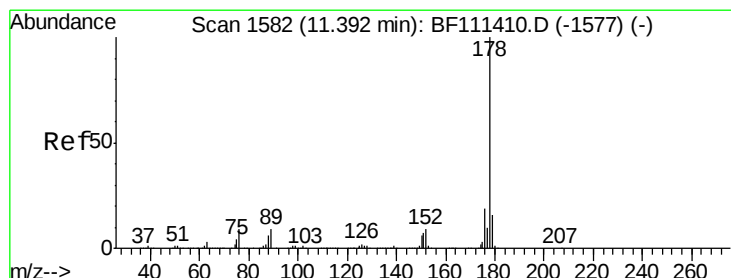
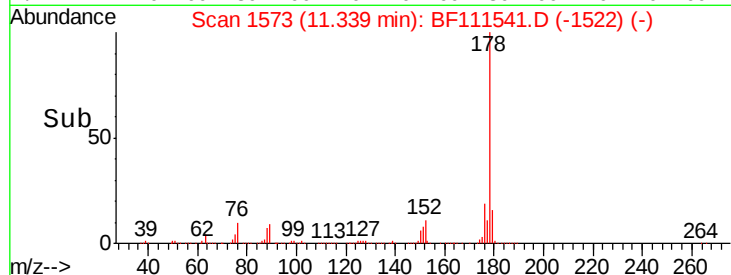
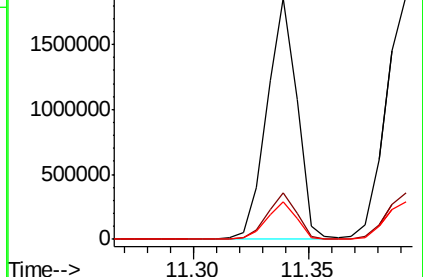
179 15.8 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.571 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

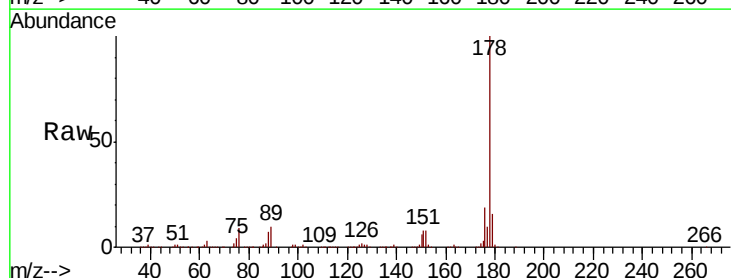
Tgt Ion:178 Resp: 1713415

Ion Ratio Lower Upper

178 100

176 19.2 17.2 25.8

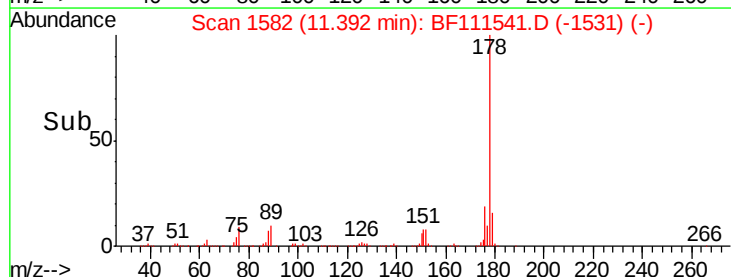
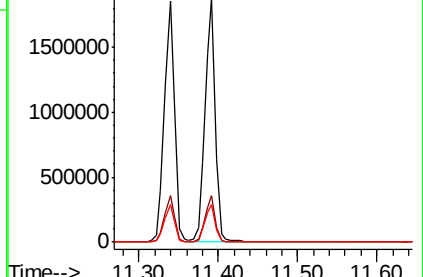
179 15.6 13.8 20.8

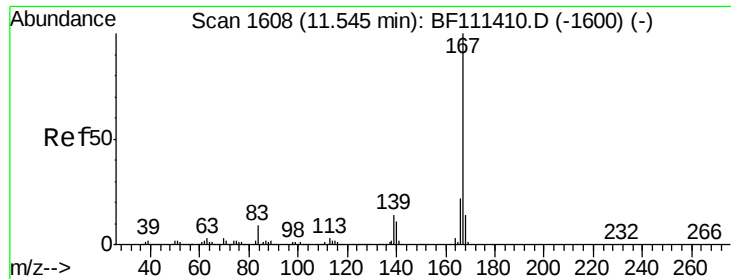


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.885 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

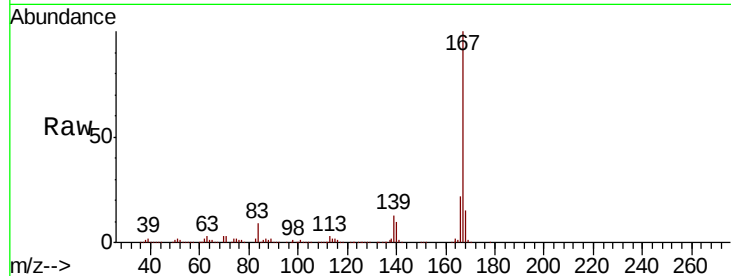
Tgt Ion:167 Resp: 1786256

Ion Ratio Lower Upper

167 100

166 21.9 19.3 28.9

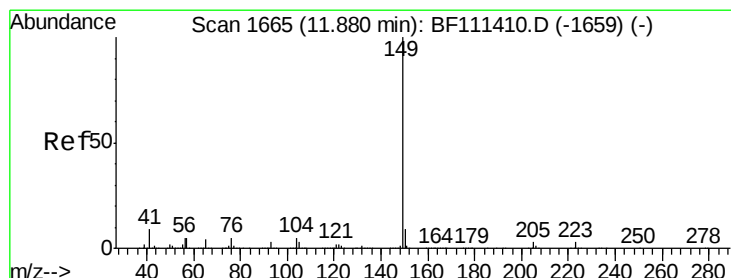
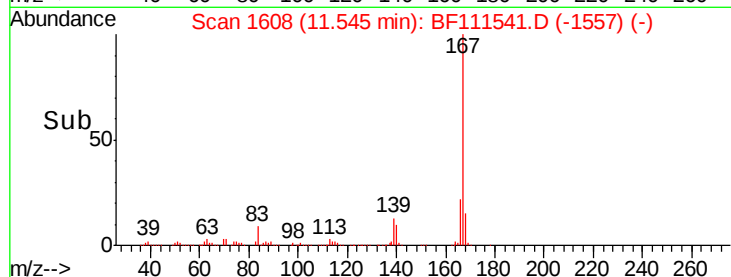
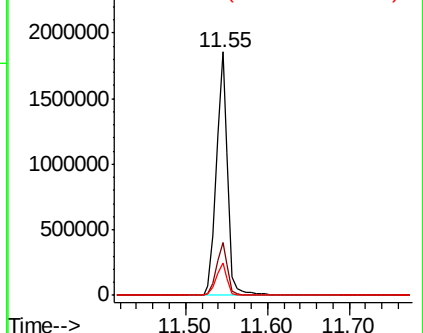
139 13.4 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.939 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

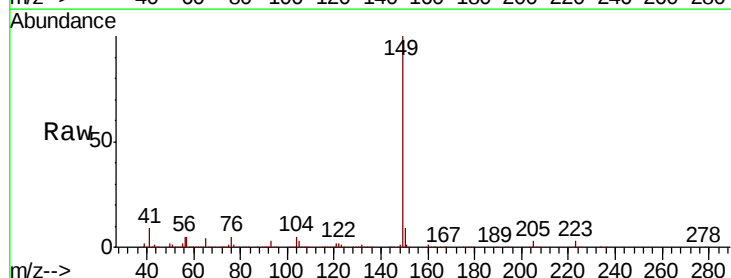
Tgt Ion:149 Resp: 2043278

Ion Ratio Lower Upper

149 100

150 9.4 8.8 13.2

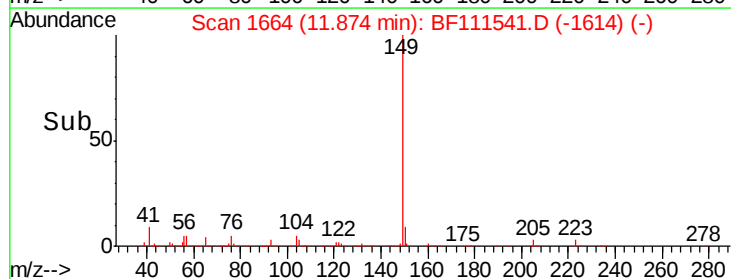
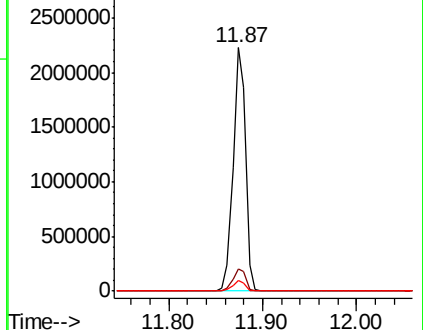
104 4.6 4.5 6.7

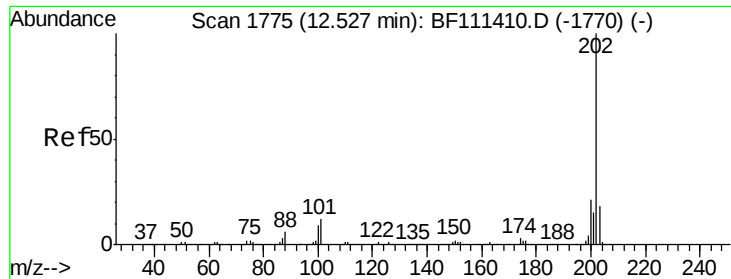


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.388 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

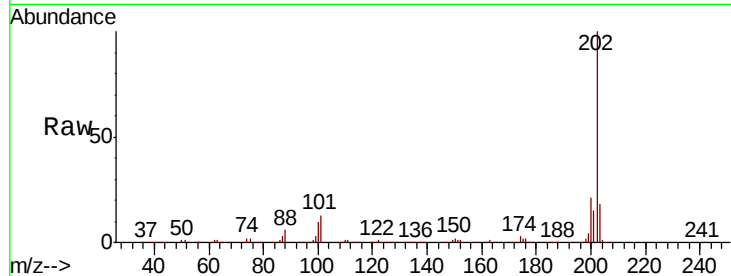
Tgt Ion:202 Resp: 1673755

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.8

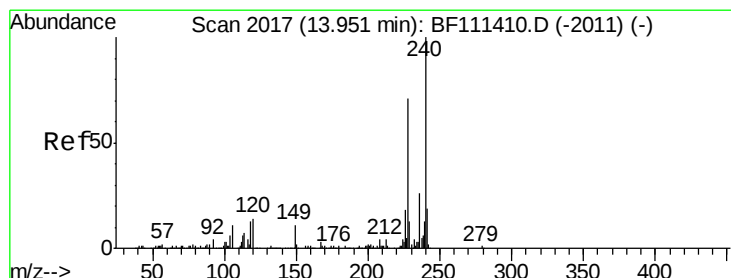
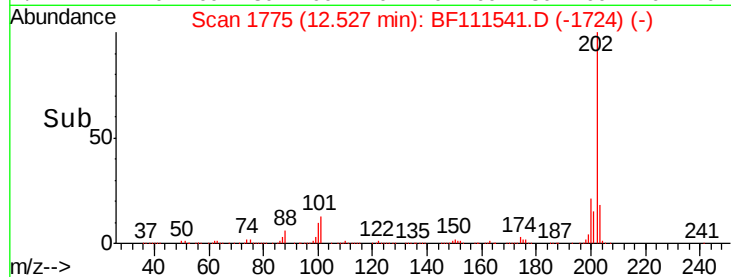
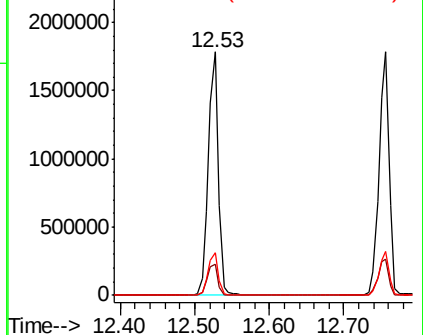
203 17.7 0.0 38.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

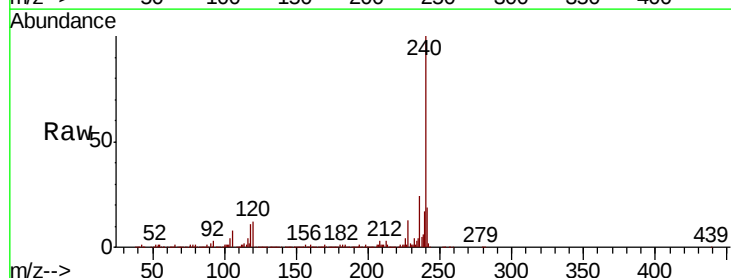
Tgt Ion:240 Resp: 622783

Ion Ratio Lower Upper

240 100

120 12.1 12.2 18.2#

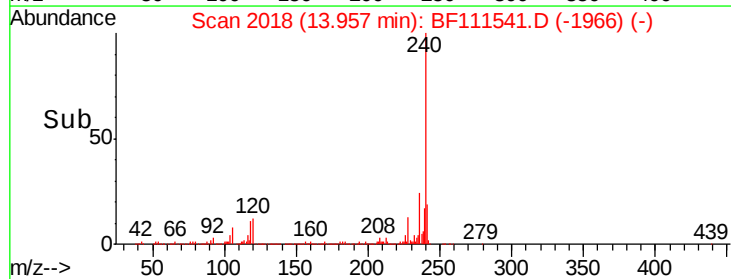
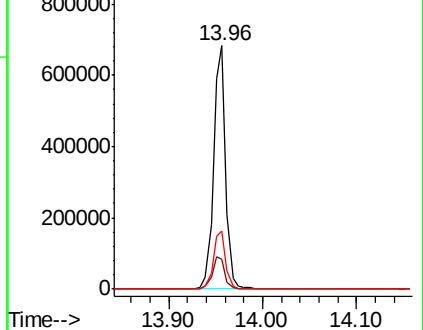
236 24.1 20.2 30.2

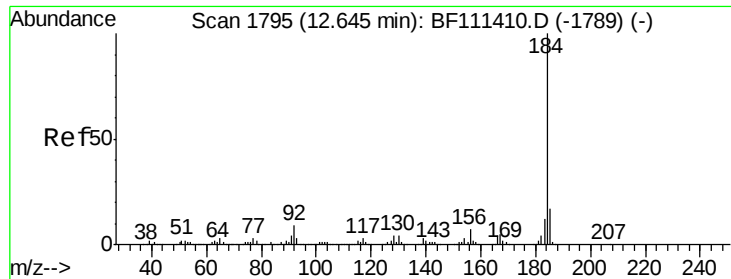


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.081 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

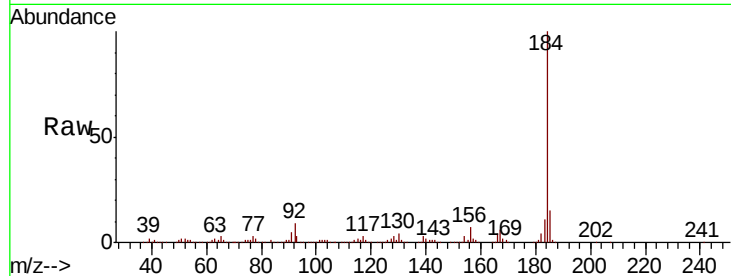
Tgt Ion:184 Resp: 871806

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

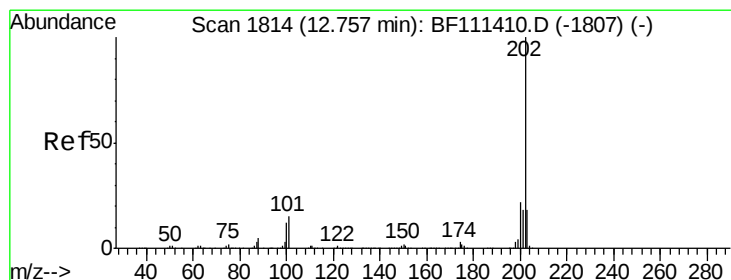
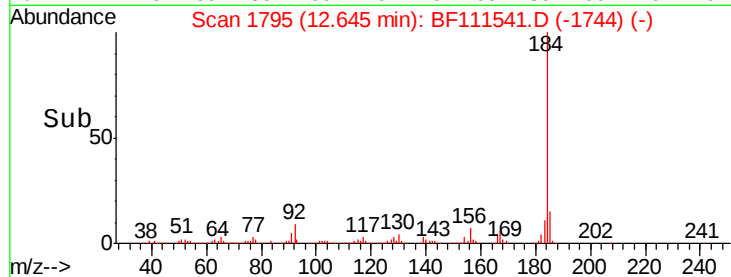
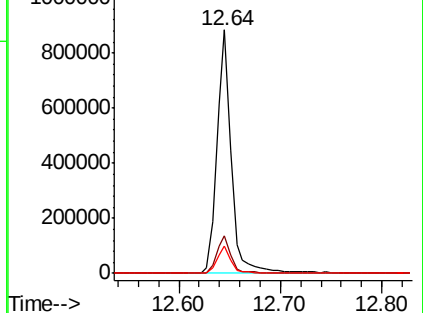
183 11.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.235 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

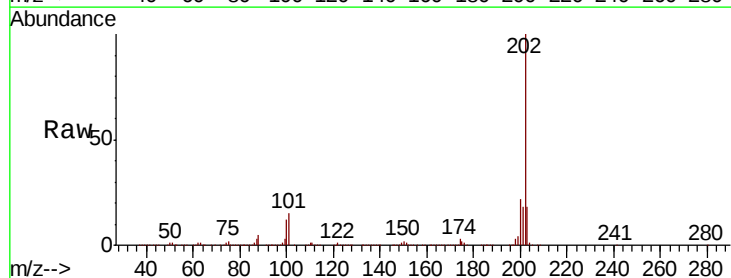
Tgt Ion:202 Resp: 1722751

Ion Ratio Lower Upper

202 100

200 21.8 19.0 28.4

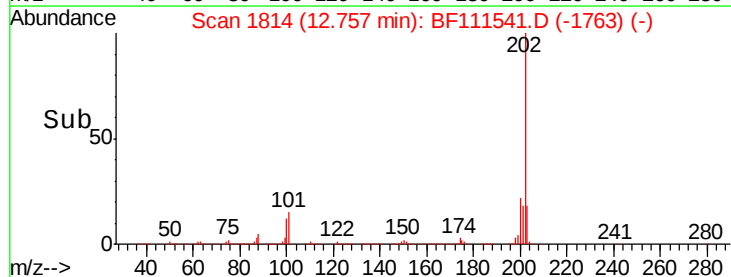
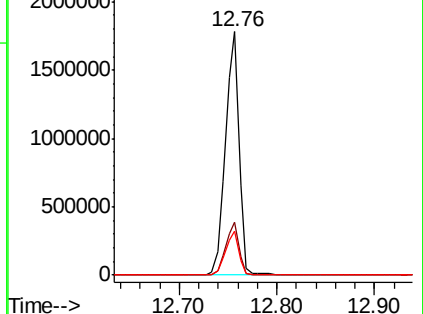
203 18.0 15.2 22.8

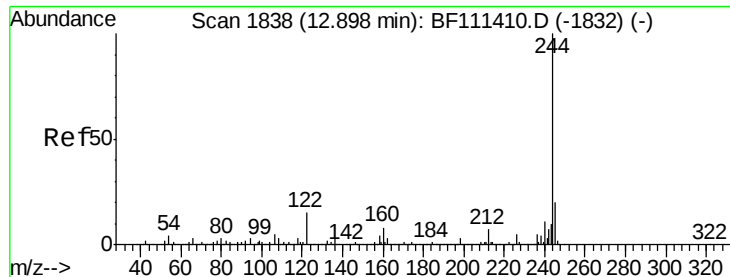


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.854 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

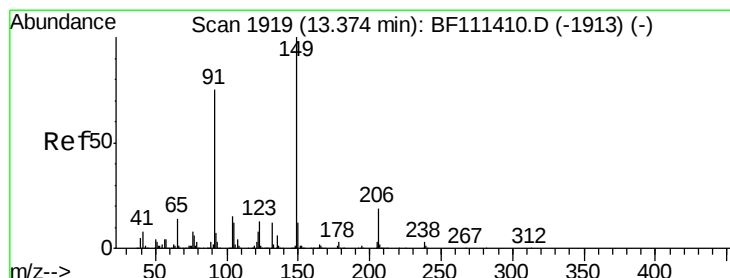
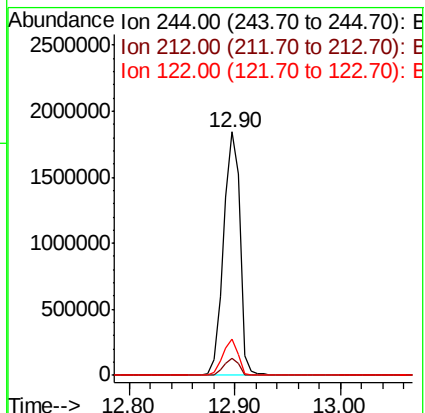
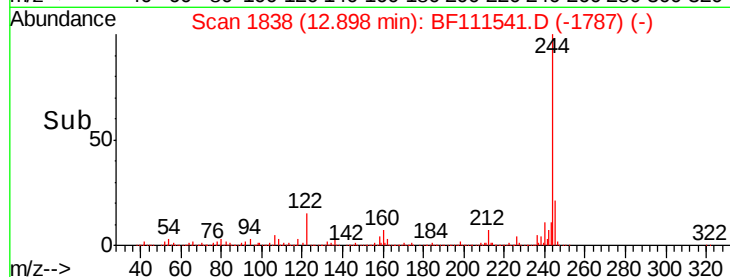
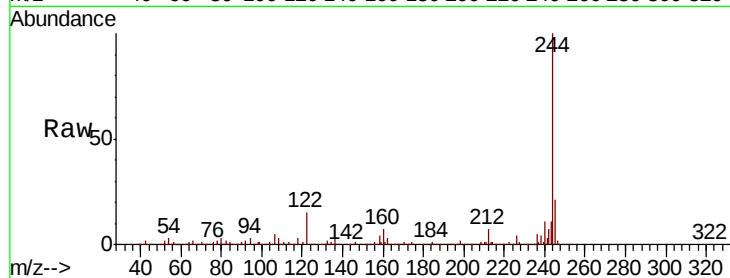
Tgt Ion:244 Resp: 2011752

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 14.9 13.1 19.7



#80

Butylbenzylphthalate

Concen: 39.975 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

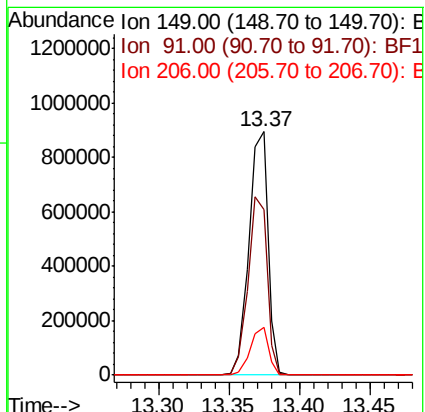
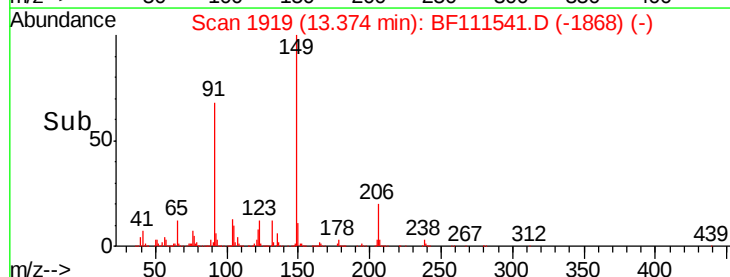
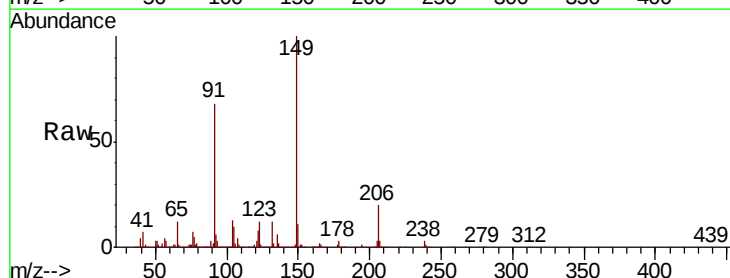
Tgt Ion:149 Resp: 855553

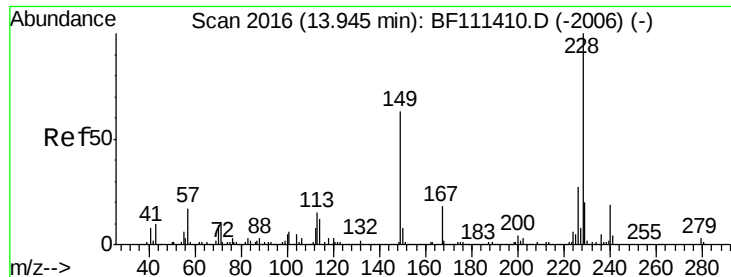
Ion Ratio Lower Upper

149 100

91 68.1 63.8 95.6

206 19.5 15.1 22.7





#81

Benzo(a)anthracene

Concen: 38.601 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

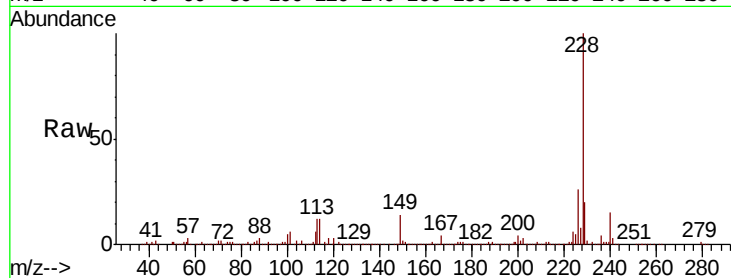
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1307151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.5  | 22.6  | 34.0  |
| 229 | 20.0  | 16.3  | 24.5  |

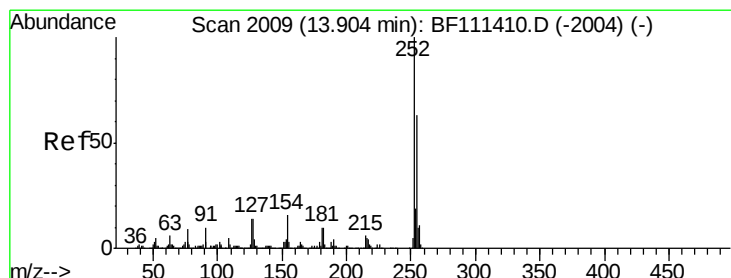
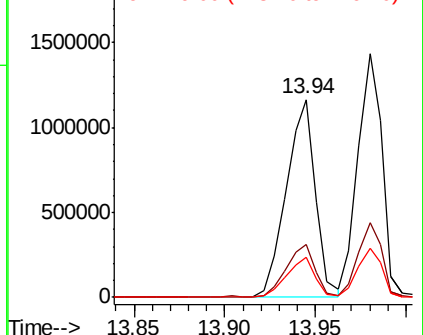
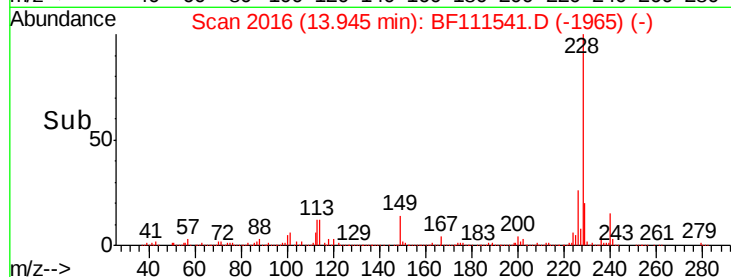


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.081 ng

RT: 13.90 min Scan# 2009

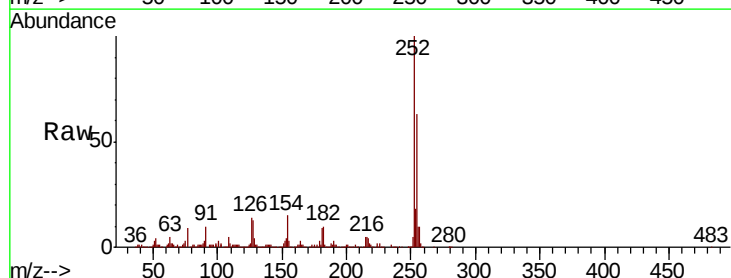
Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Tgt Ion:252 Resp: 551768

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.3  | 52.7  | 79.1  |
| 126 | 13.8  | 11.1  | 16.7  |

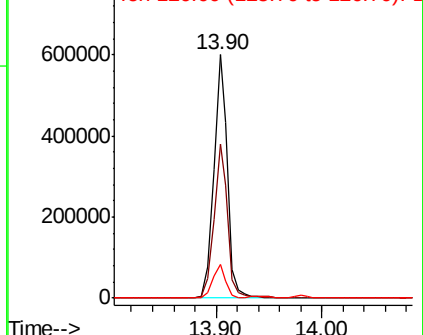
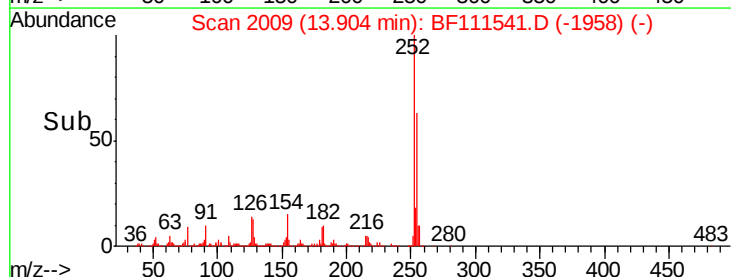


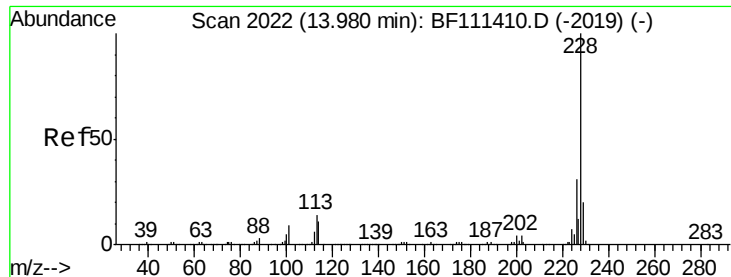
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.179 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

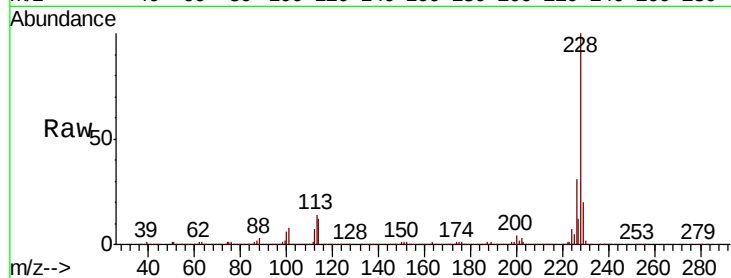
Tgt Ion:228 Resp: 1361958

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

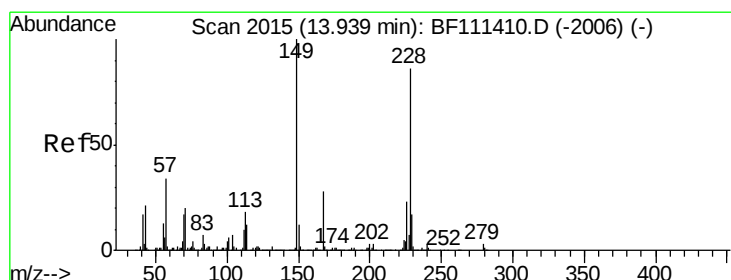
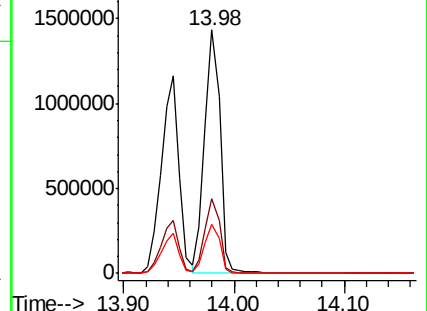
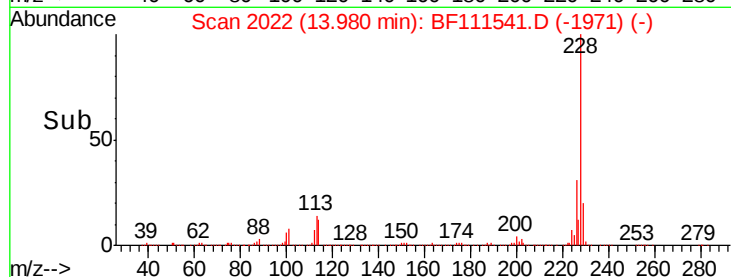
229 20.2 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.064 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

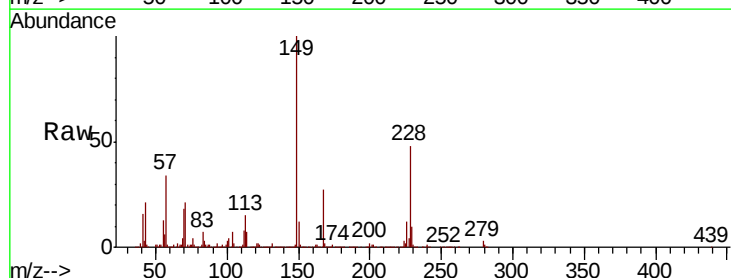
Tgt Ion:149 Resp: 1095197

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

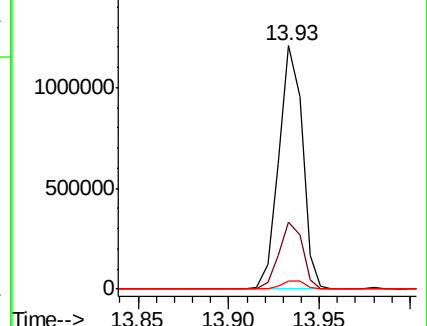
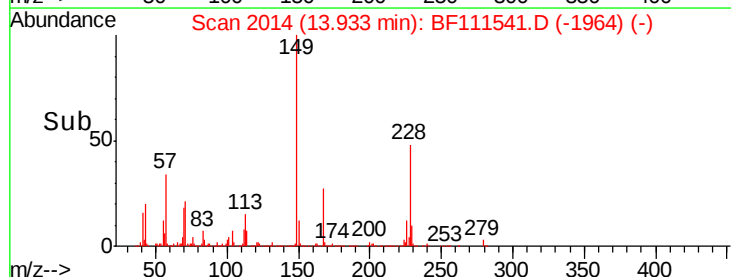
279 3.4 2.6 4.0

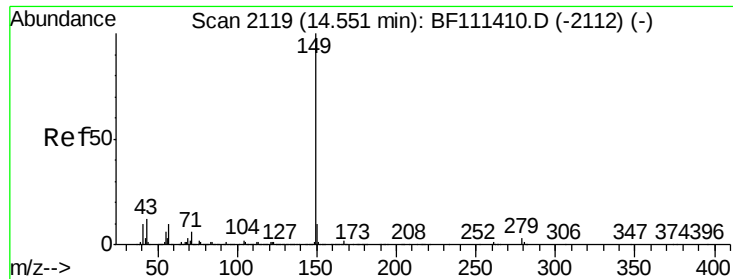


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.407 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

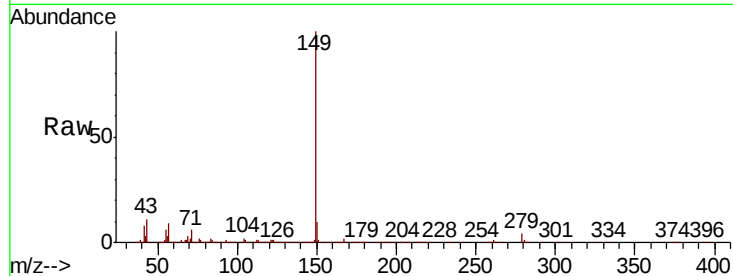
Tgt Ion:149 Resp: 1863142

Ion Ratio Lower Upper

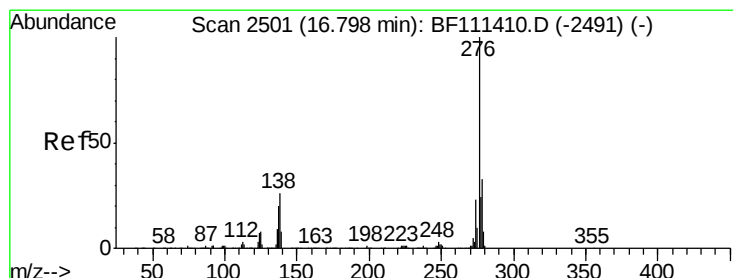
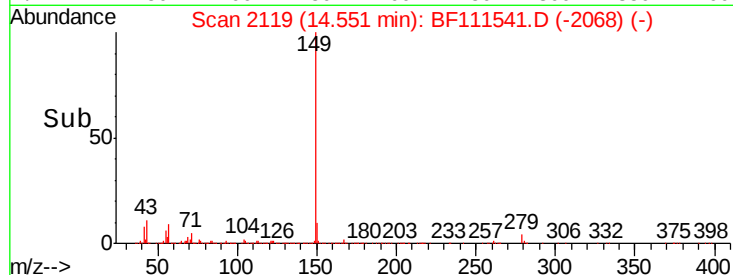
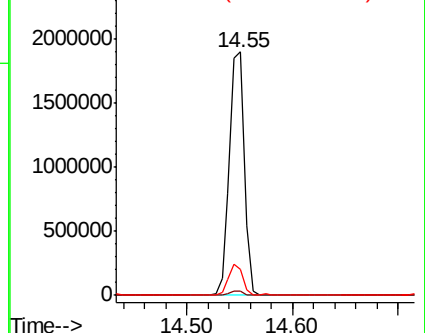
149 100

167 1.6 1.3 1.9

43 12.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.485 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

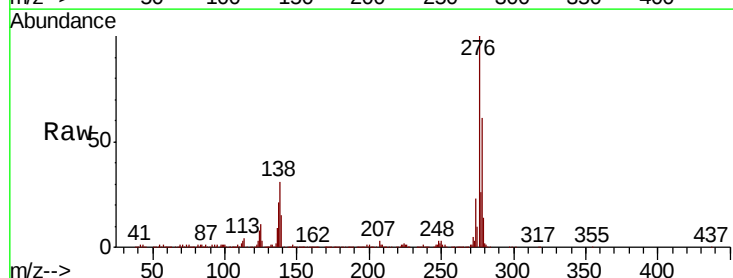
Tgt Ion:276 Resp: 939359

Ion Ratio Lower Upper

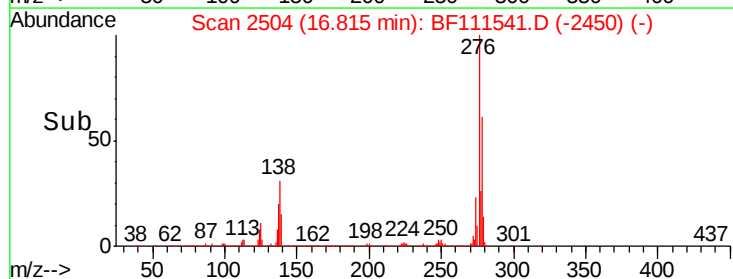
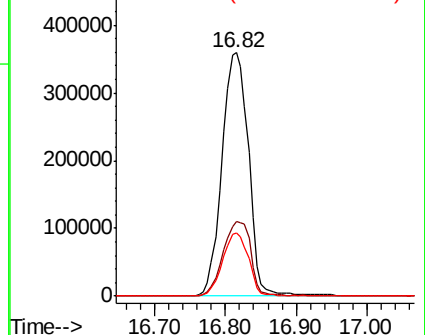
276 100

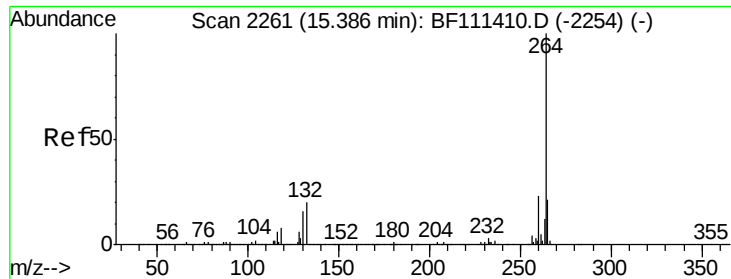
138 32.0 27.8 41.6

277 25.5 20.1 30.1



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

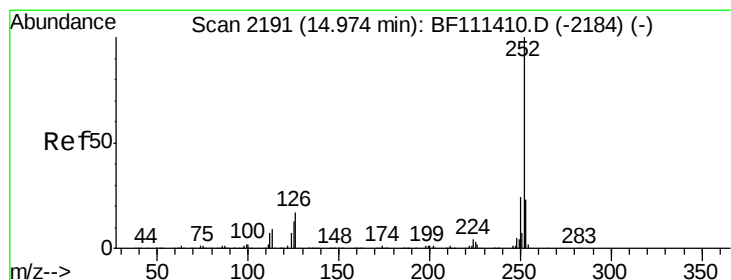
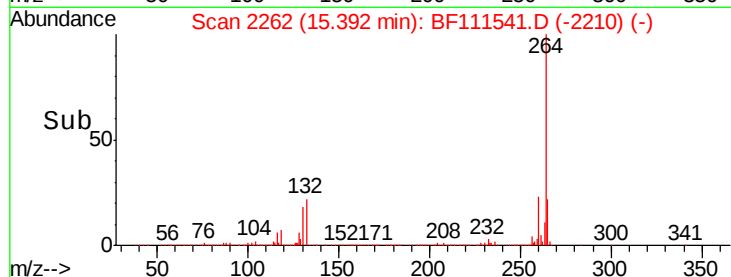
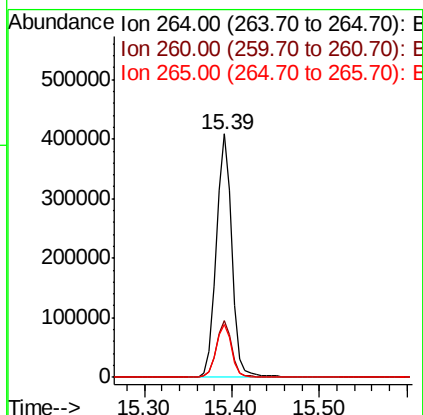
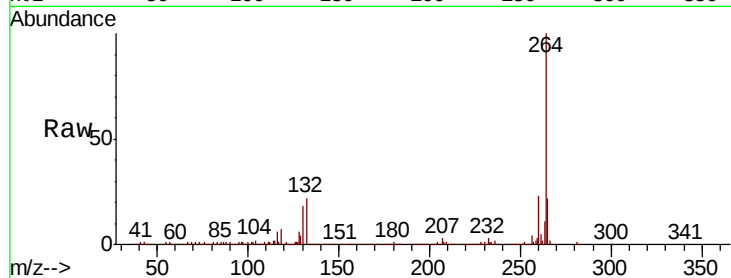




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. 0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

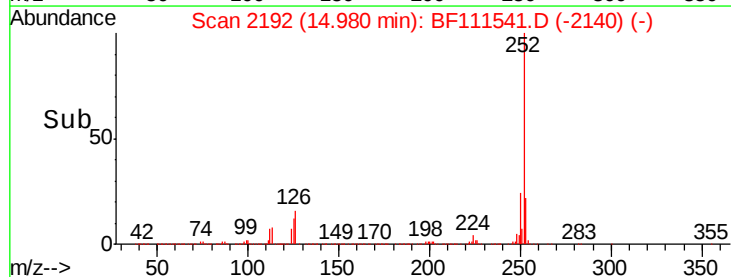
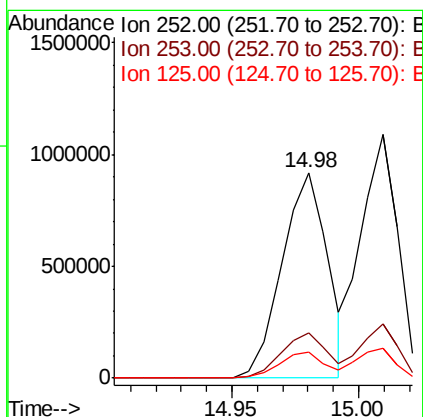
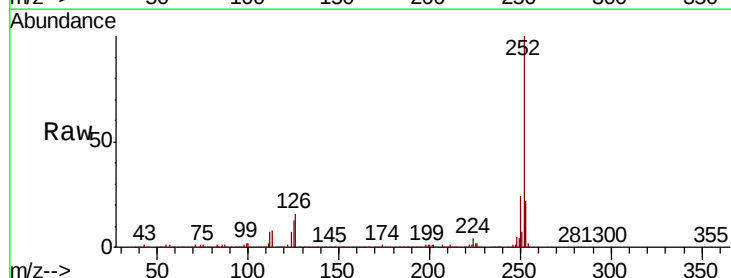
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

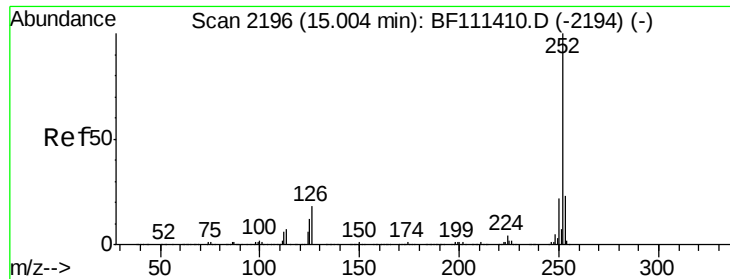
Tgt Ion:264 Resp: 508224  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.3 27.5  
265 21.9 17.7 26.5



#88  
Benzo(b)fluoranthene  
Concen: 38.774 ng  
RT: 14.98 min Scan# 2192  
Delta R.T. 0.01 min  
Lab File: BF111541.D  
Acq: 17 Dec 2018 16:11

Tgt Ion:252 Resp: 1148885  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 12.6 10.4 15.6





#89

Benzo(k)fluoranthene

Concen: 40.327 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

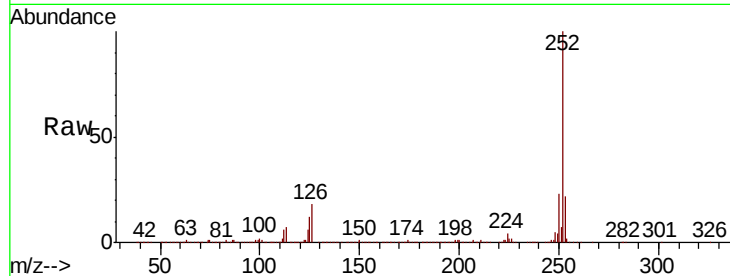
Tgt Ion:252 Resp: 1141733

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 12.2 9.8 14.8

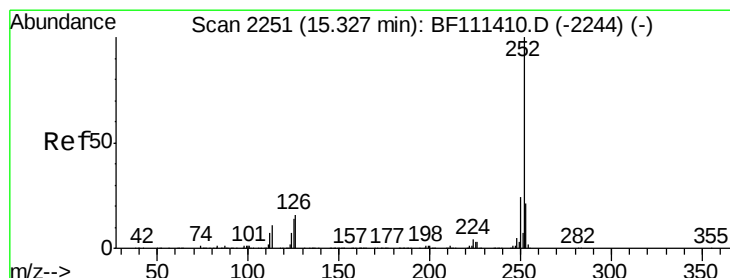
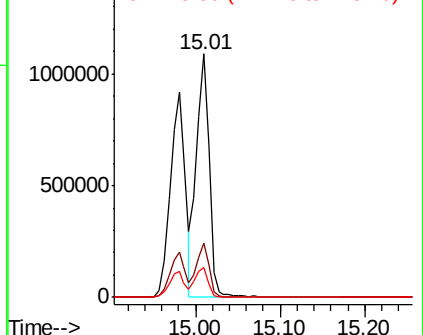
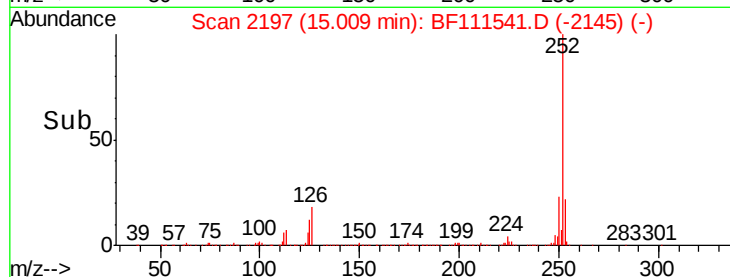


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.362 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

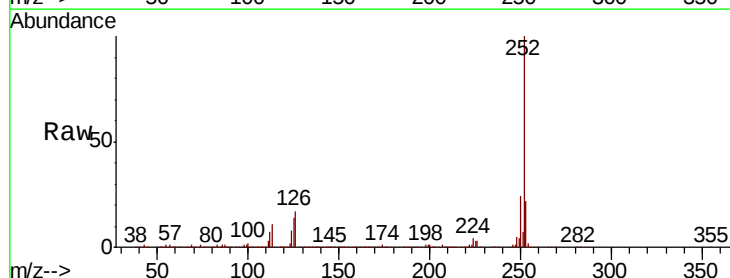
Tgt Ion:252 Resp: 1051728

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 14.1 12.3 18.5

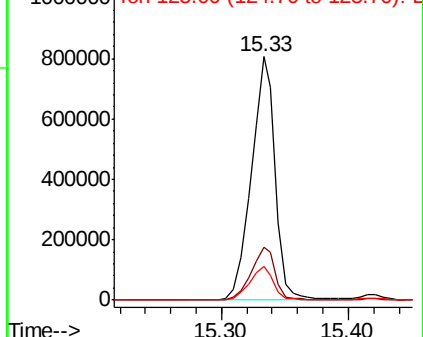
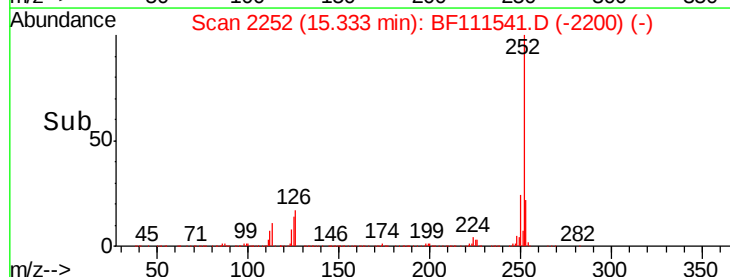


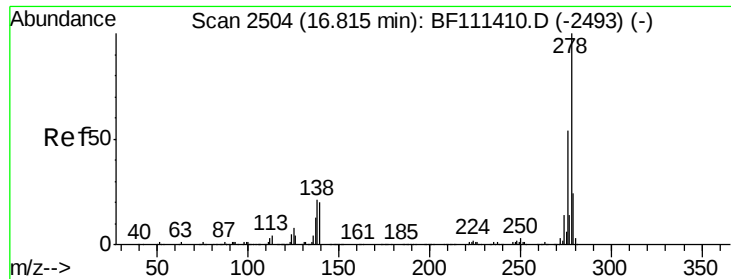
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 37.417 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

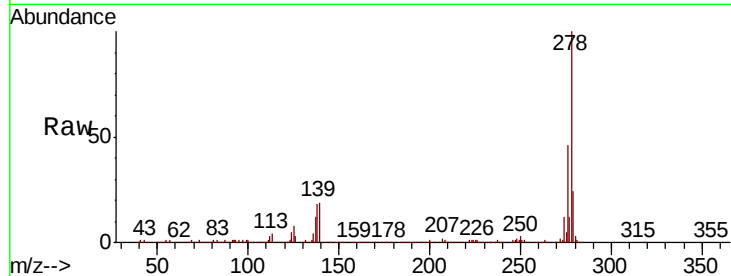
Tgt Ion:278 Resp: 788643

Ion Ratio Lower Upper

278 100

139 18.8 18.2 27.4

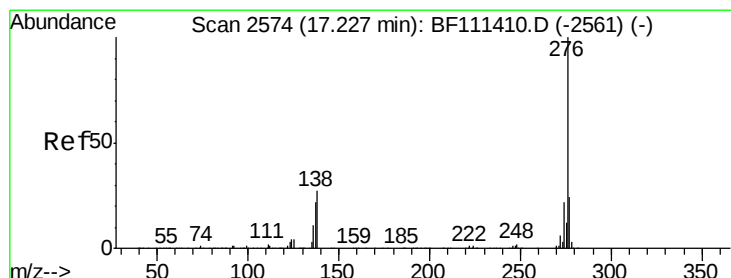
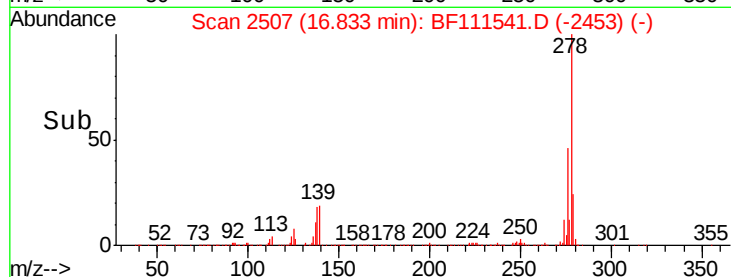
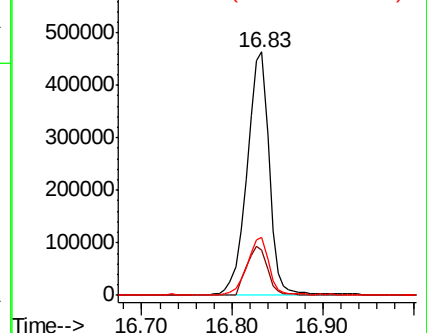
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.930 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.02 min

Lab File: BF111541.D

Acq: 17 Dec 2018 16:11

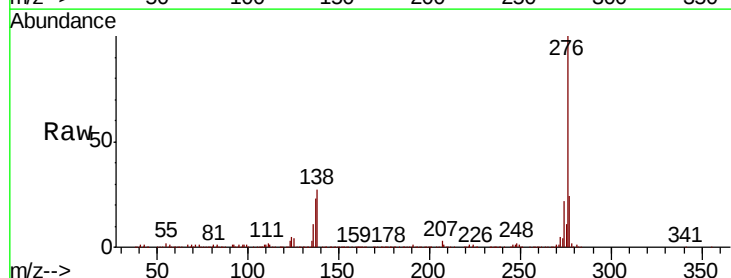
Tgt Ion:276 Resp: 784739

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 26.6 24.9 37.3



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

