

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF112018\  
 Data File : BF110911.D  
 Acq On : 20 Nov 2018 23:52  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 21 04:23:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 53169    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 217057   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.99  | 164  | 89663    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.48 | 188  | 145789   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 117949   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.67 | 264  | 79068    | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 276606 | 84.50 | ng | 0.00 |
| 7) Phenol-d6             | 6.57  | 99  | 344123 | 82.21 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.51  | 82  | 314553 | 83.46 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 63253  | 70.01 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.30  | 172 | 560094 | 89.21 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.06 | 244 | 489663 | 77.75 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.73 | 88  | 64201  | 39.364 | ng | 89     |
| 3) Pyridine                    | 3.53 | 79  | 141766 | 40.270 | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 62423  | 41.326 | ng | 84     |
| 6) Aniline                     | 6.61 | 93  | 211551 | 38.755 | ng | # 55   |
| 8) 2-Chlorophenol              | 6.73 | 128 | 157448 | 41.031 | ng | 99     |
| 9) Benzaldehyde                | 6.50 | 77  | 96128  | 43.846 | ng | 95     |
| 10) Phenol                     | 6.59 | 94  | 196943 | 40.577 | ng | # 65   |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 143480 | 39.446 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 169980 | 40.485 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 173628 | 40.724 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 161892 | 40.818 | ng | 99     |
| 15) Benzyl Alcohol             | 7.09 | 79  | 133106 | 40.635 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 228616 | 40.022 | ng | 74     |
| 17) 2-Methylphenol             | 7.19 | 107 | 121103 | 39.655 | ng | # 82   |
| 18) Hexachloroethane           | 7.45 | 117 | 54281  | 34.486 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 108874 | 40.748 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.35 | 107 | 159253 | 40.622 | ng | 92     |
| 22) Acetophenone               | 7.36 | 105 | 216706 | 42.839 | ng | # 94   |
| 24) Nitrobenzene               | 7.53 | 77  | 160444 | 41.548 | ng | 96     |
| 25) Isophorone                 | 7.76 | 82  | 248258 | 40.188 | ng | 97     |
| 26) 2-Nitrophenol              | 7.85 | 139 | 76874  | 39.904 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 121280 | 41.337 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 173958 | 41.591 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.09 | 162 | 124983 | 41.400 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 138766 | 40.769 | ng | 96     |
| 31) Naphthalene                | 8.25 | 128 | 411863 | 40.420 | ng | 99     |
| 32) Benzoic acid               | 7.99 | 122 | 24424  | 11.766 | ng | 97     |
| 33) 4-Chloroaniline            | 8.30 | 127 | 178888 | 38.758 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225 | 80047  | 41.173 | ng | 98     |
| 35) Caprolactam                | 8.67 | 113 | 37758  | 37.436 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 128907 | 39.592 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 259339 | 38.824 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.04 | 142 | 247704 | 38.559 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216 | 124133 | 43.737 | ng | 98     |

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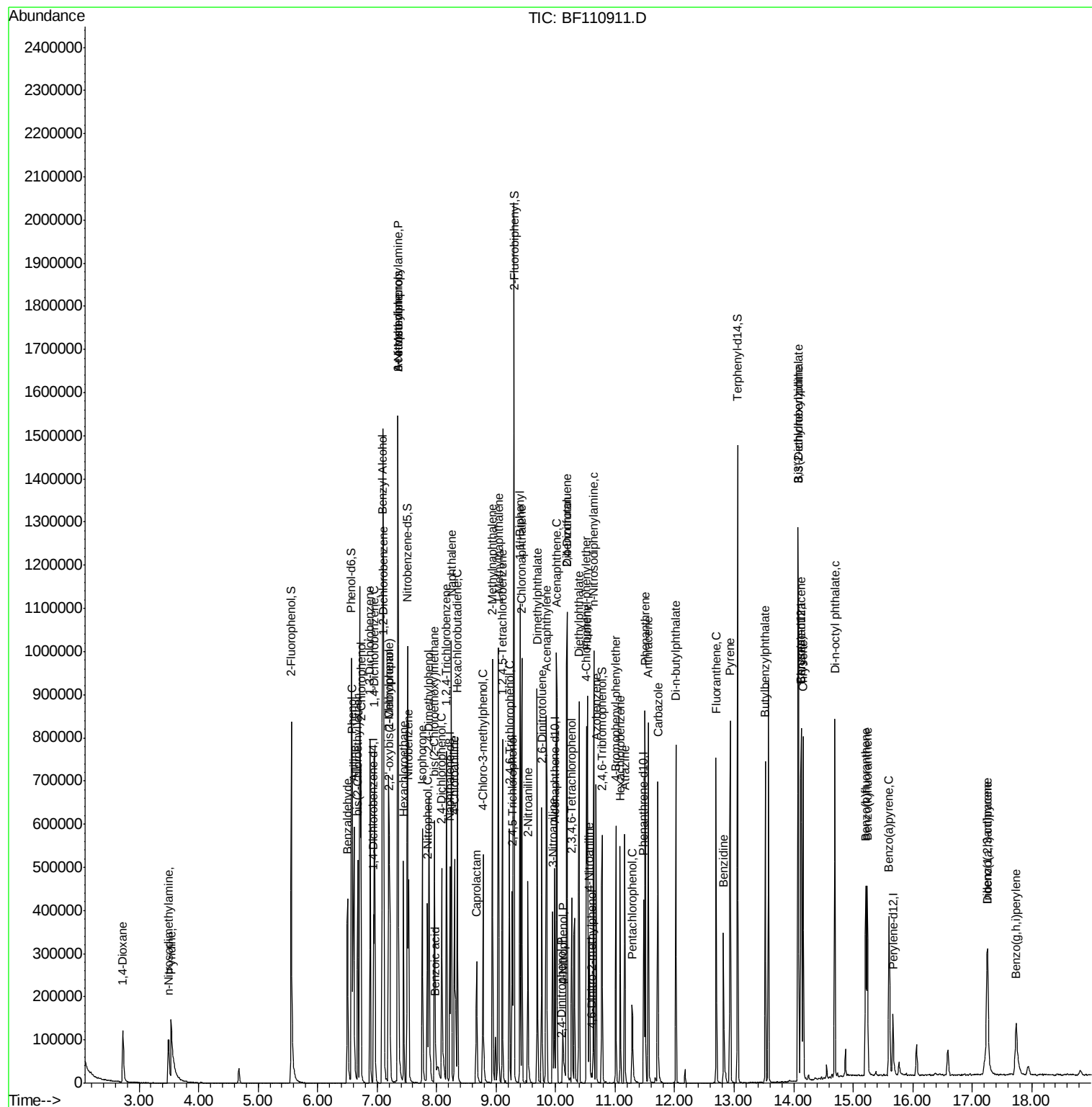
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 76231    | 42.742 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 78645    | 41.339 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 9.40  | 154  | 365913   | 43.747 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 254650   | 42.259 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 81195    | 43.725 | ng    | 99       |
| 49) Acenaphthylene             | 9.85  | 152  | 349107   | 40.228 | ng    | 97       |
| 50) Dimethylphthalate          | 9.70  | 163  | 288266   | 43.086 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 58194    | 39.541 | ng    | 89       |
| 52) Acenaphthene               | 10.02 | 154  | 220841   | 40.268 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.95  | 138  | 71275    | 41.801 | ng    | 87       |
| 54) 2,4-Dinitrophenol          | 10.09 | 184  | 614      | 5.687  | ng    | # 78     |
| 55) Dibenzofuran               | 10.19 | 168  | 311036   | 38.764 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.12 | 139  | 32360    | 28.606 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 66263    | 34.627 | ng    | # 89     |
| 58) Fluorene                   | 10.53 | 166  | 230999   | 37.481 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 50229    | 33.561 | ng    | 99       |
| 60) Diethylphthalate           | 10.39 | 149  | 279752   | 42.265 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.52 | 204  | 128545   | 40.283 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 60435    | 35.198 | ng    | 98       |
| 63) Azobenzene                 | 10.68 | 77   | 242812   | 37.600 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 3211     | 4.370  | ng    | 76       |
| 66) n-Nitrosodiphenylamine     | 10.64 | 169  | 217718   | 44.305 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 11.02 | 248  | 69215    | 42.957 | ng    | 97       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 69077    | 40.663 | ng    | # 90     |
| 69) Atrazine                   | 11.16 | 200  | 59673    | 39.715 | ng    | 97       |
| 70) Pentachlorophenol          | 11.29 | 266  | 29885    | 32.969 | ng    | 96       |
| 71) Phenanthrene               | 11.50 | 178  | 314806   | 40.305 | ng    | 99       |
| 72) Anthracene                 | 11.56 | 178  | 317875   | 40.344 | ng    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 309947   | 40.962 | ng    | 99       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 375172   | 42.281 | ng    | 98       |
| 75) Fluoranthene               | 12.70 | 202  | 329483   | 42.076 | ng    | 97       |
| 77) Benzidine                  | 12.82 | 184  | 168550   | 51.963 | ng    | 97       |
| 78) Pyrene                     | 12.93 | 202  | 344017   | 37.880 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 161232   | 41.247 | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.13 | 228  | 281550   | 39.937 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 110186   | 46.656 | ng    | 98       |
| 83) Chrysene                   | 14.16 | 228  | 273732   | 40.755 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 222695   | 45.925 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 14.69 | 149  | 368694   | 51.705 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.26 | 276  | 172808   | 35.854 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.21 | 252  | 187827   | 39.709 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 208233   | 44.552 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.60 | 252  | 173052   | 40.267 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.26 | 278  | 146010   | 40.147 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.74 | 276  | 140984   | 39.071 | ng    | 99       |

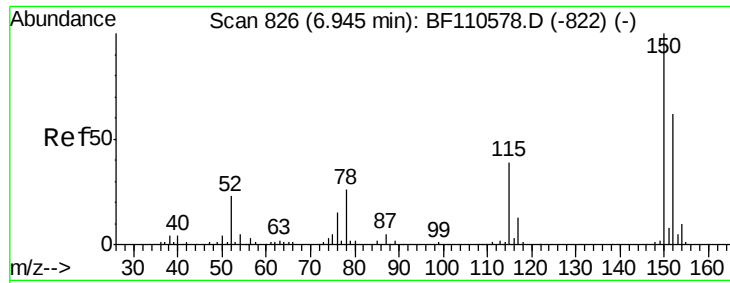
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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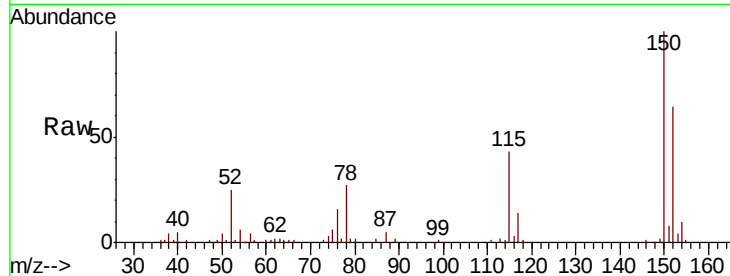


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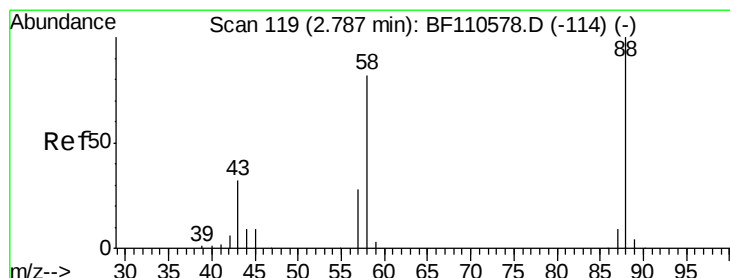
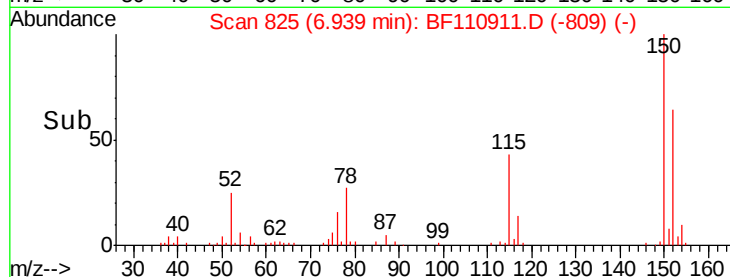
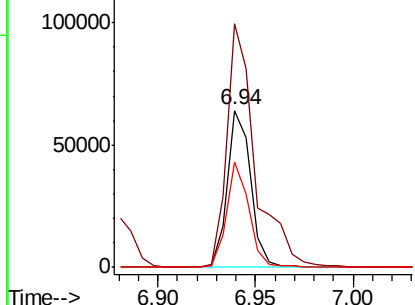
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

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BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 53169  
Ion Ratio Lower Upper  
152 100  
150 155.0 122.7 184.1  
115 67.4 49.1 73.7



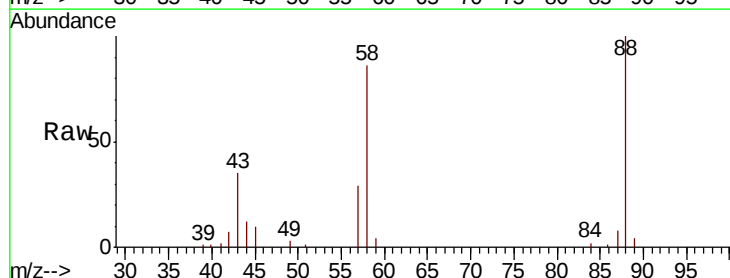
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



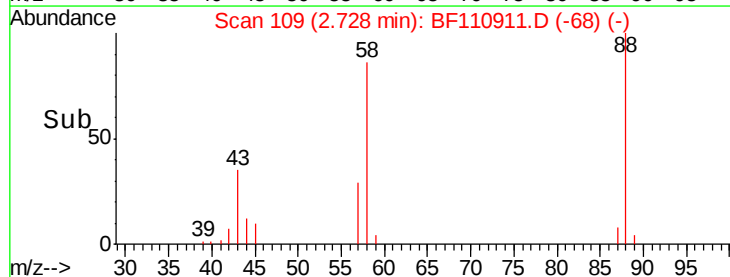
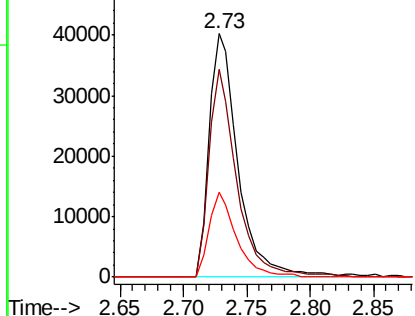
#2

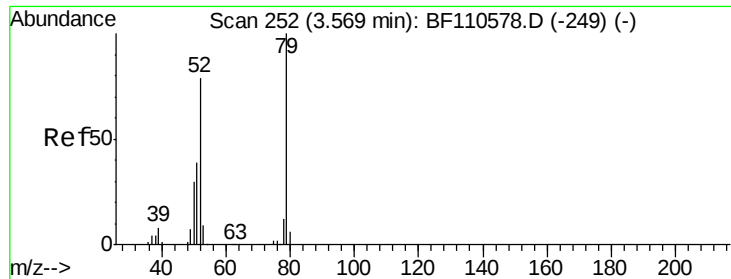
1,4-Dioxane  
Concen: 39.364 ng  
RT: 2.73 min Scan# 109  
Delta R.T. -0.06 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion: 88 Resp: 64201  
Ion Ratio Lower Upper  
88 100  
58 82.4 57.1 85.7  
43 33.2 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 40.270 ng

RT: 3.53 min Scan# 246

Delta R.T. -0.04 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

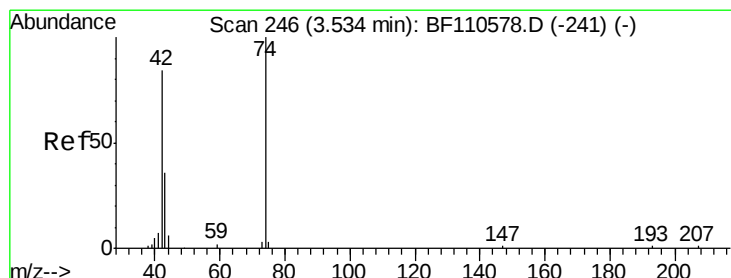
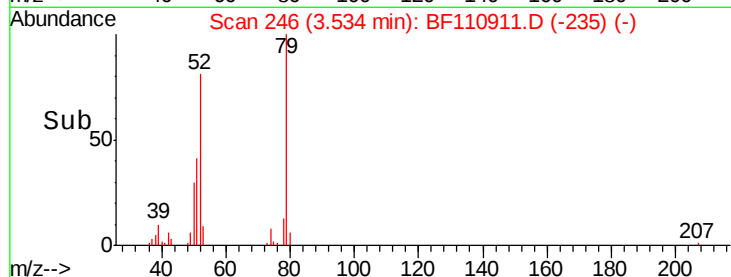
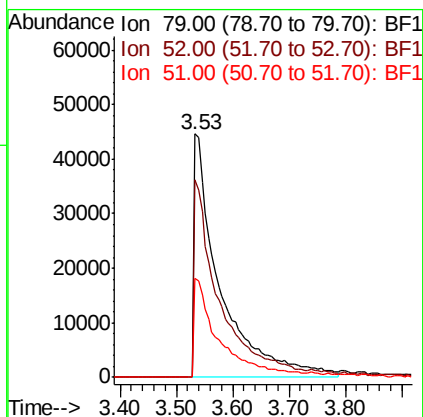
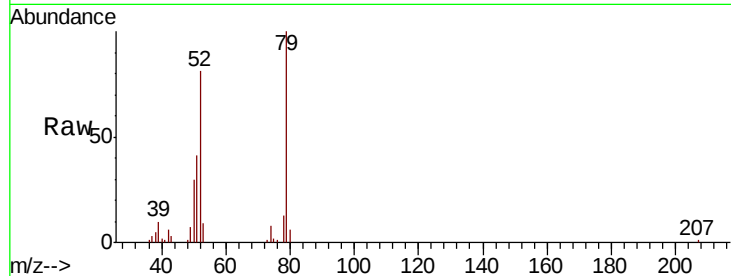
Tgt Ion: 79 Resp: 141766

Ion Ratio Lower Upper

79 100

52 80.9 53.1 79.7#

51 40.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 41.326 ng

RT: 3.49 min Scan# 239

Delta R.T. -0.04 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

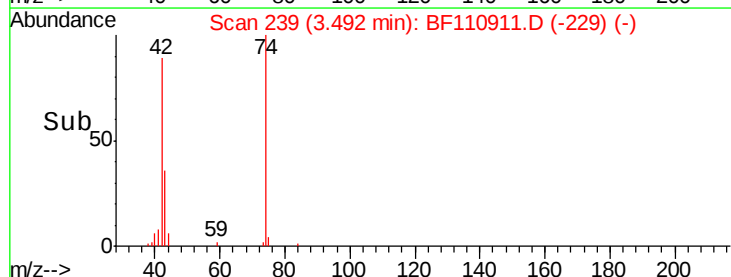
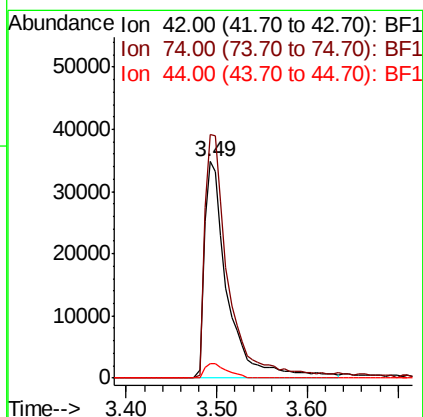
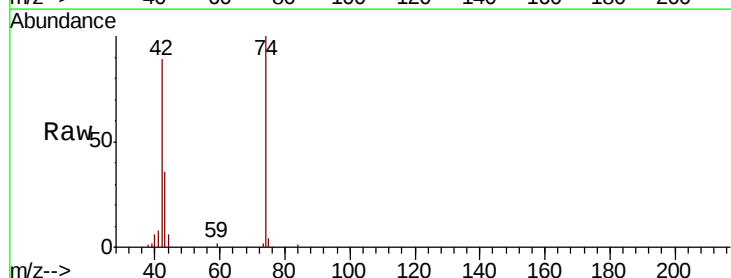
Tgt Ion: 42 Resp: 62423

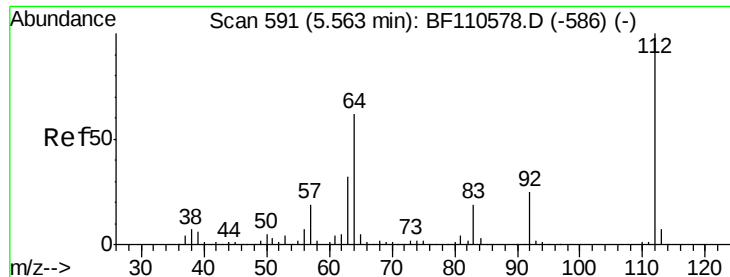
Ion Ratio Lower Upper

42 100

74 112.5 105.5 158.3

44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 84.503 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

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ClientSampleId :

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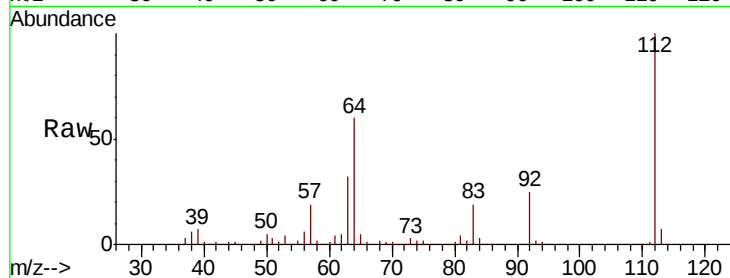
Tgt Ion: 112 Resp: 276606

Ion Ratio Lower Upper

112 100

64 60.1 44.1 66.1

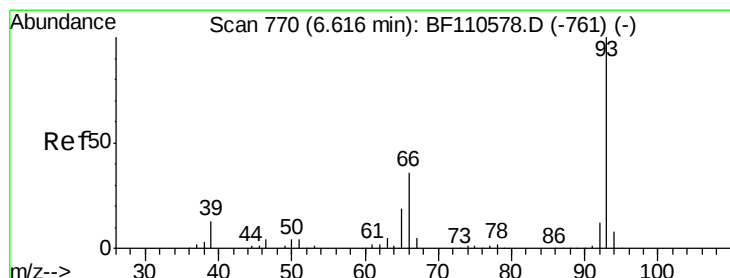
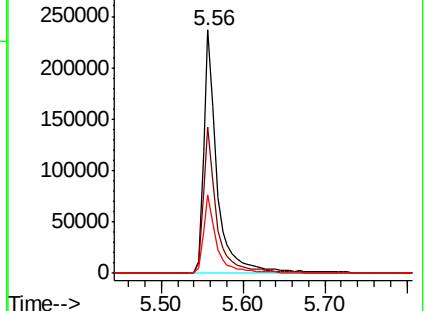
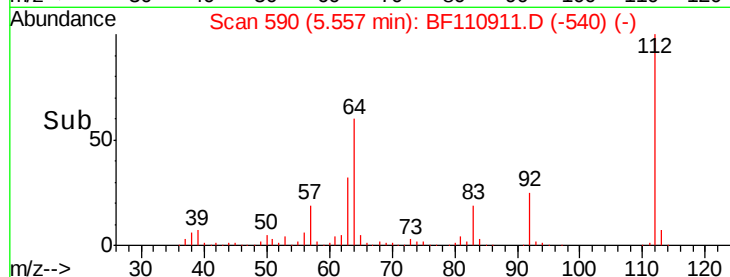
63 32.4 23.7 35.5



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: 38.755 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

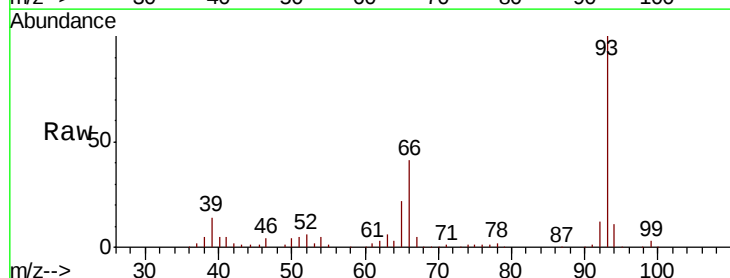
Tgt Ion: 93 Resp: 211551

Ion Ratio Lower Upper

93 100

66 40.8 67.4 101.0#

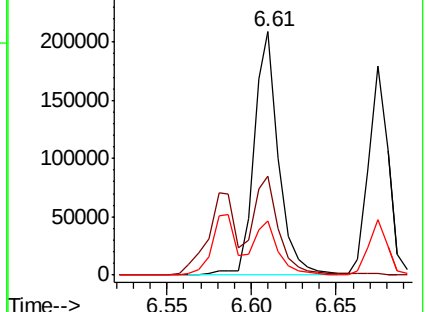
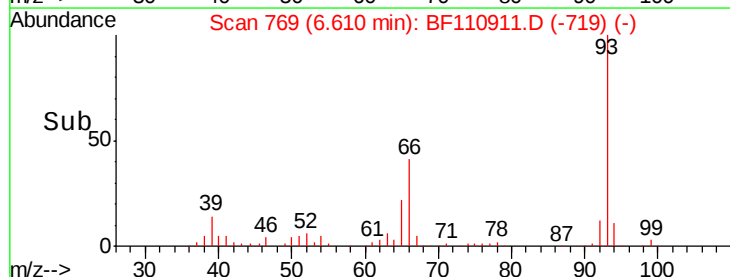
65 22.2 41.0 61.4#

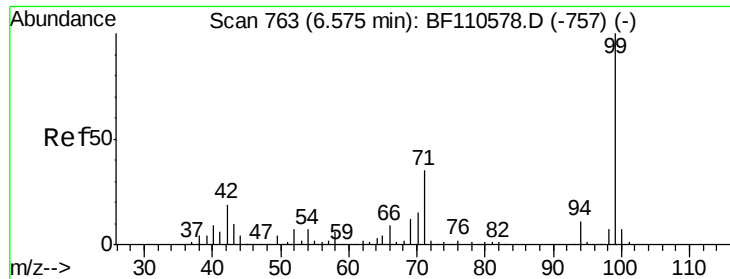


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.212 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

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Instrument :

BNA\_F

ClientSampleId :

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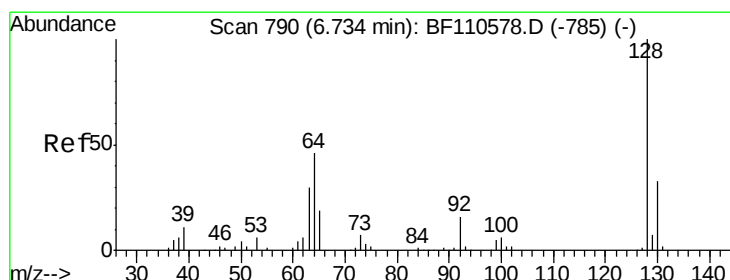
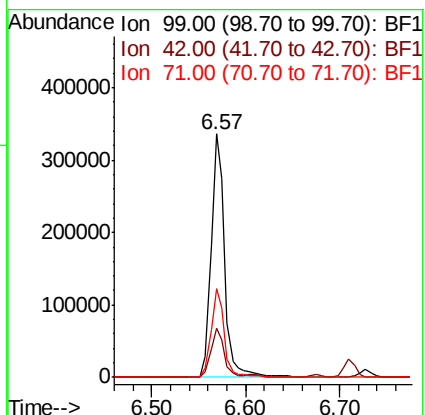
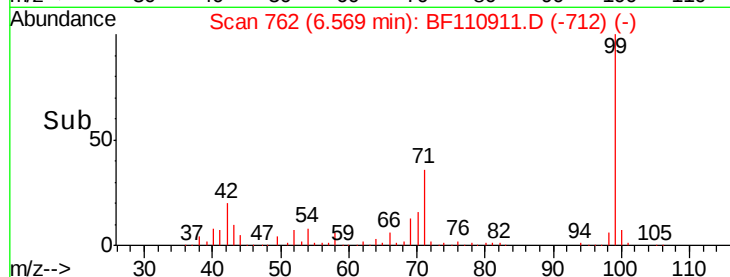
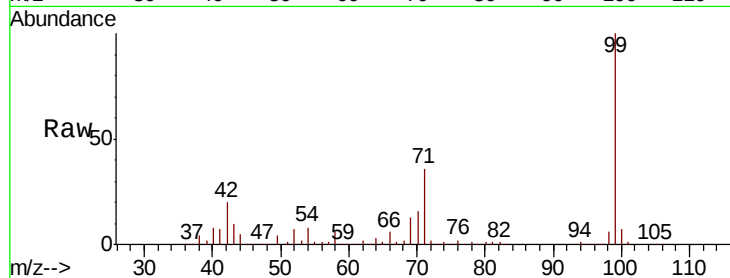
Tgt Ion: 99 Resp: 344123

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

71 36.4 28.0 42.0



#8

2-Chlorophenol

Concen: 41.031 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110911.D

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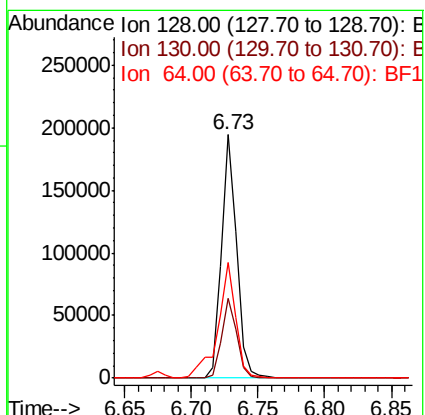
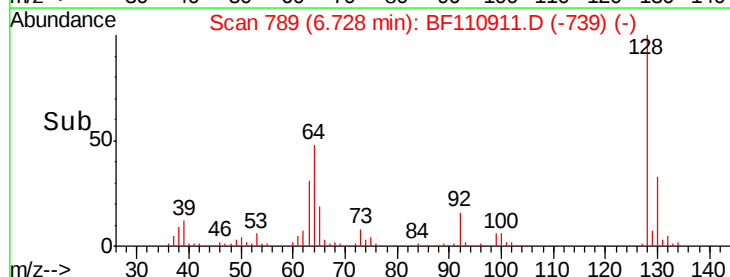
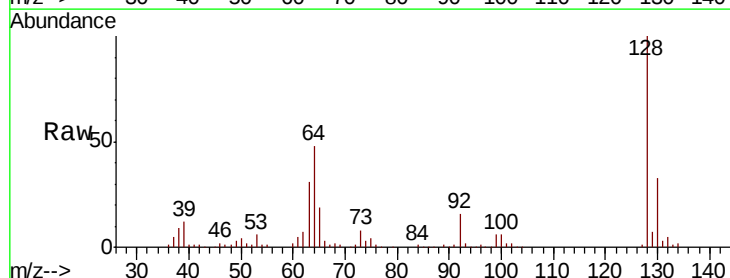
Tgt Ion: 128 Resp: 157448

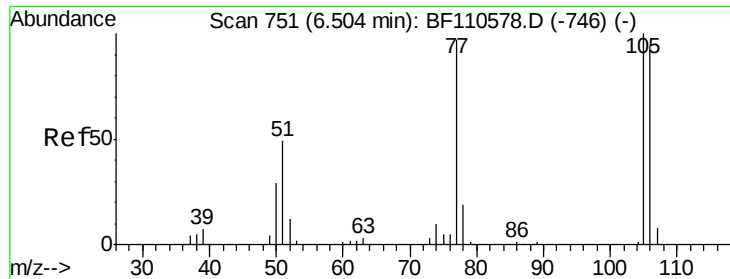
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 47.5 26.0 66.0





#9

Benzaldehyde

Concen: 43.846 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

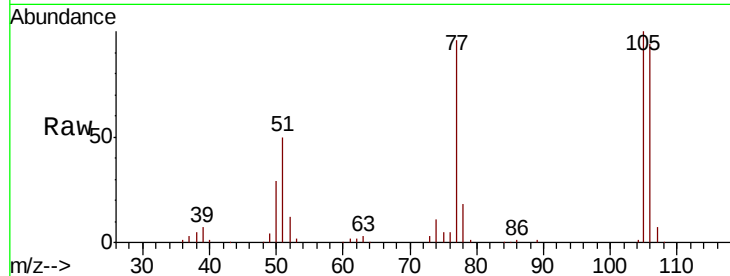
Tgt Ion: 77 Resp: 96128

Ion Ratio Lower Upper

77 100

105 104.2 78.6 118.6

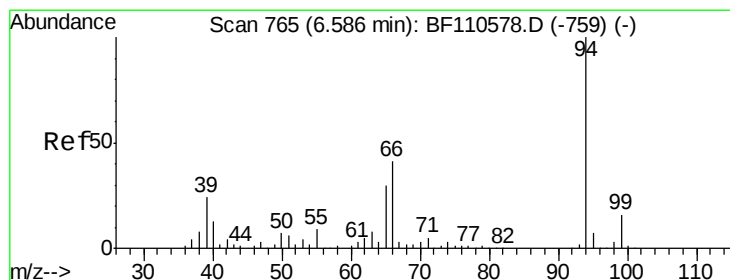
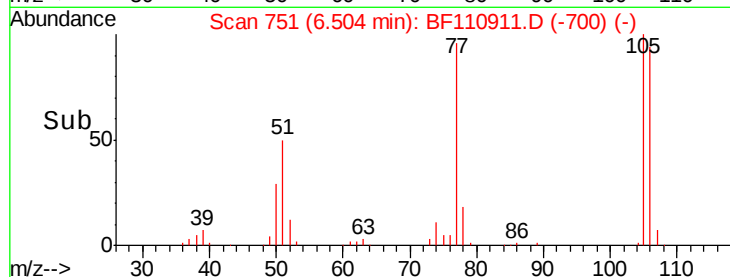
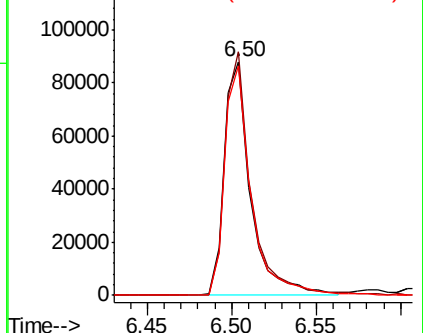
106 98.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.577 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

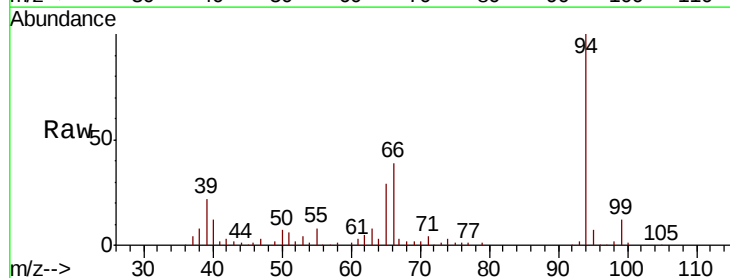
Tgt Ion: 94 Resp: 196943

Ion Ratio Lower Upper

94 100

65 29.3 25.3 65.3

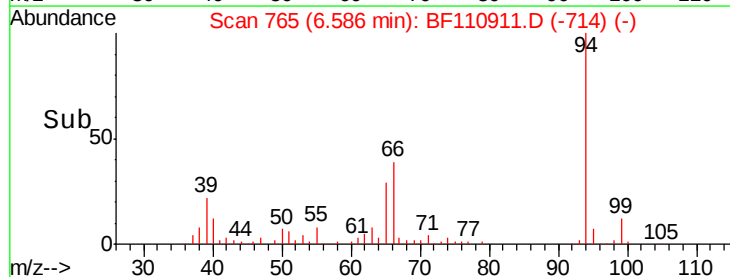
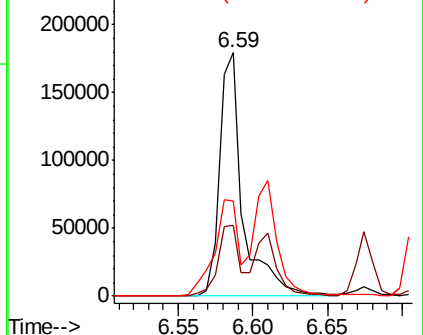
66 39.0 54.5 94.5#

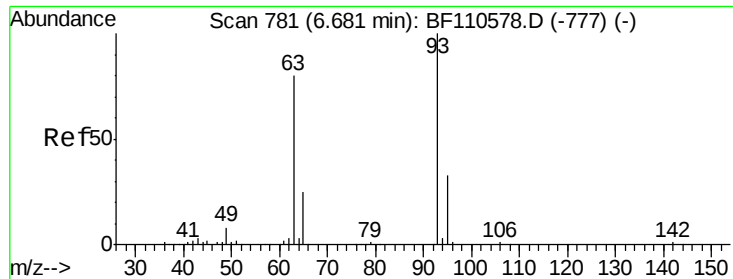


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

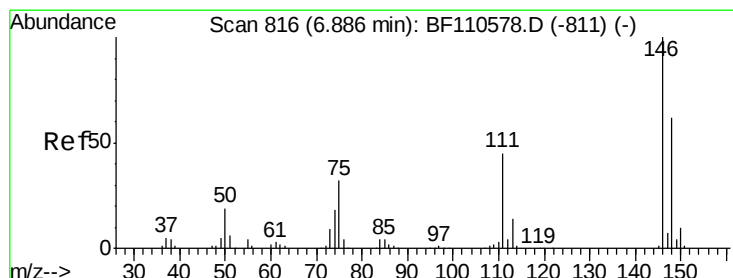
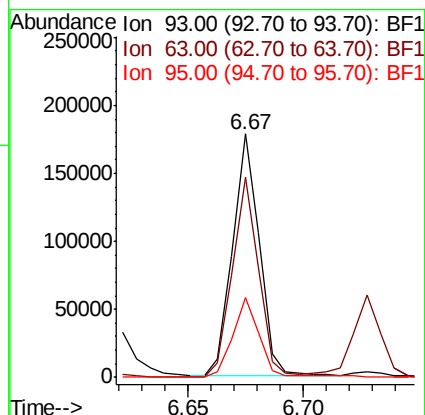
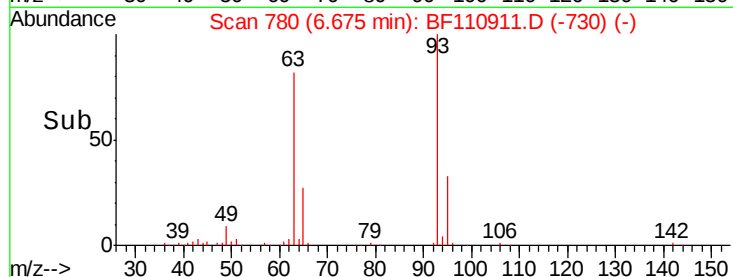
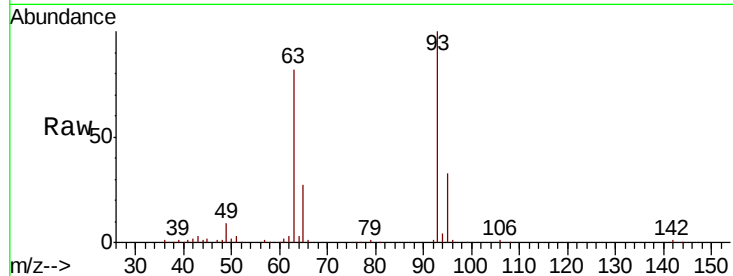




#11  
bis(2-Chloroethyl)ether  
Concen: 39.446 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

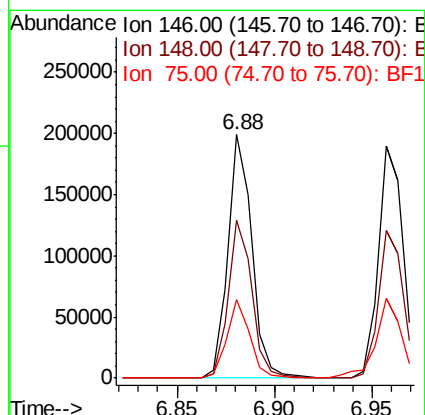
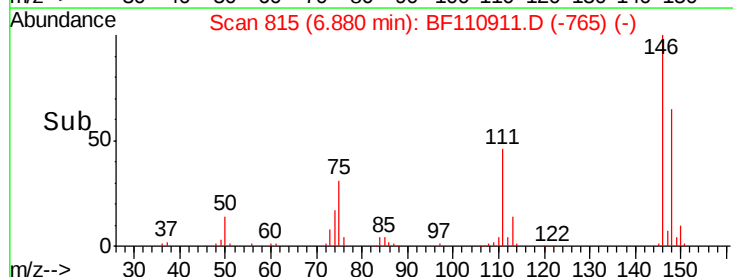
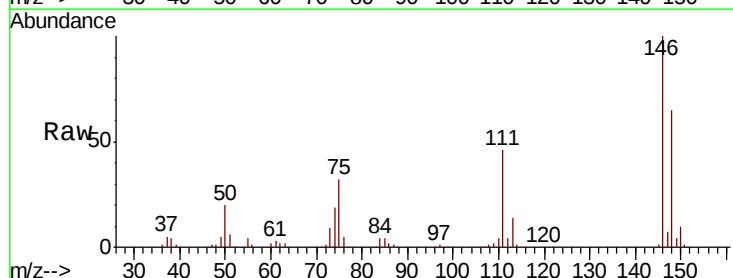
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

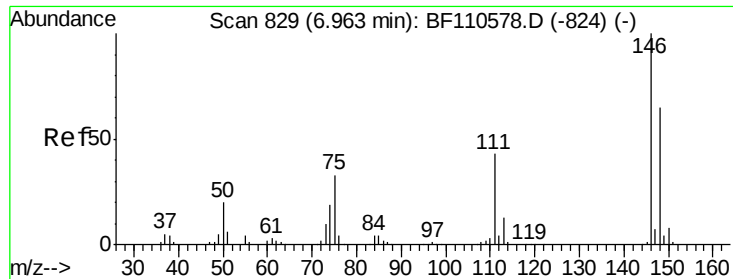
Tgt Ion: 93 Resp: 143480  
Ion Ratio Lower Upper  
93 100  
63 82.2 53.4 93.4  
95 33.0 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 40.485 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion: 146 Resp: 169980  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.4 75.6  
75 32.3 25.8 38.6

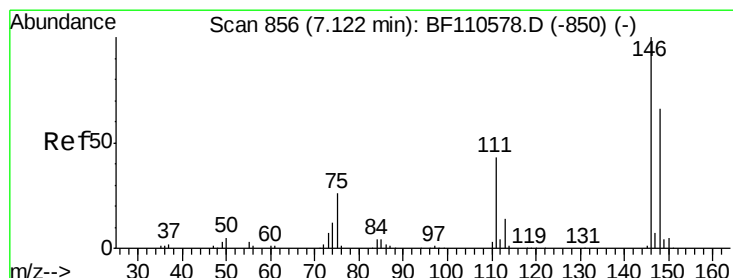
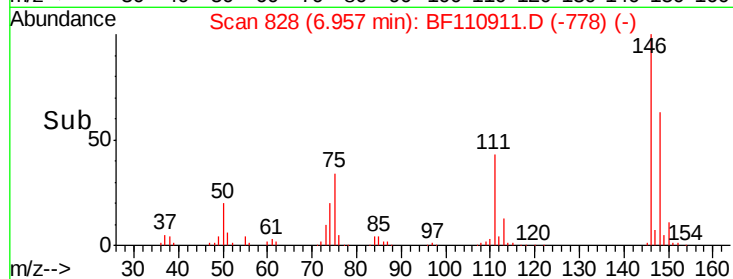
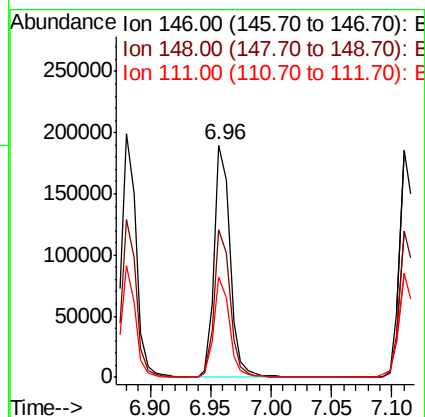
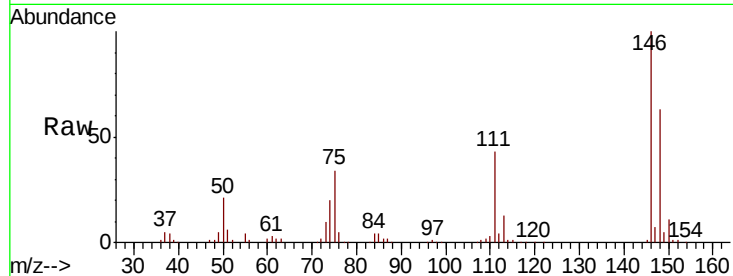




#13  
 1,4-Dichlorobenzene  
 Concen: 40.724 ng  
 RT: 6.96 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

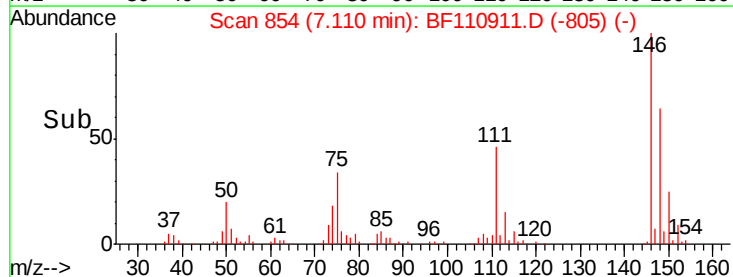
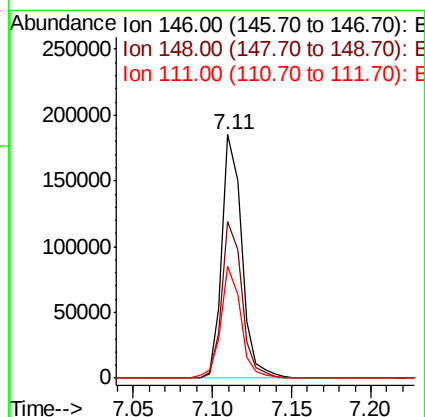
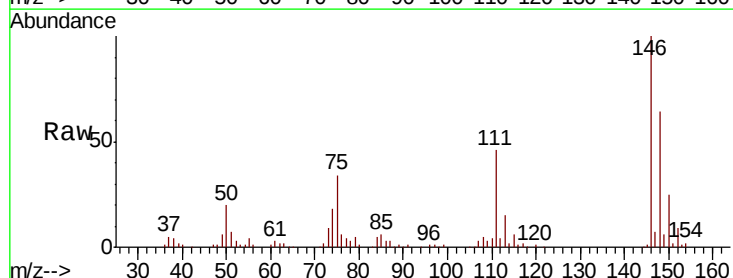
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

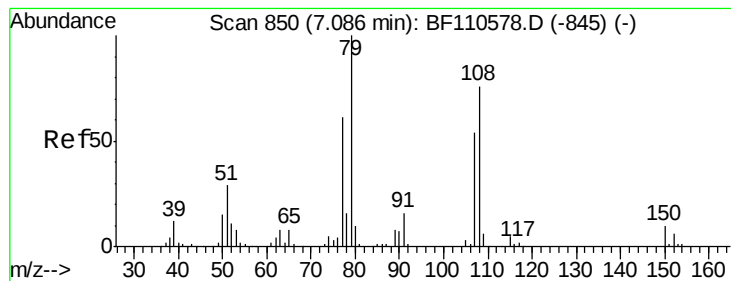
Tgt Ion:146 Resp: 173628  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 50.3 75.5  
 111 43.2 32.7 49.1



#14  
 1,2-Dichlorobenzene  
 Concen: 40.818 ng  
 RT: 7.11 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:146 Resp: 161892  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.1 76.7  
 111 46.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.635 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

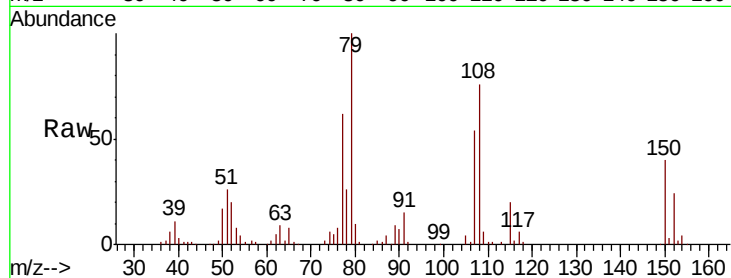
Tgt Ion: 79 Resp: 133106

Ion Ratio Lower Upper

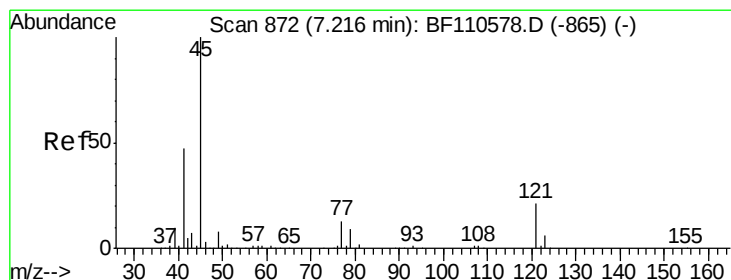
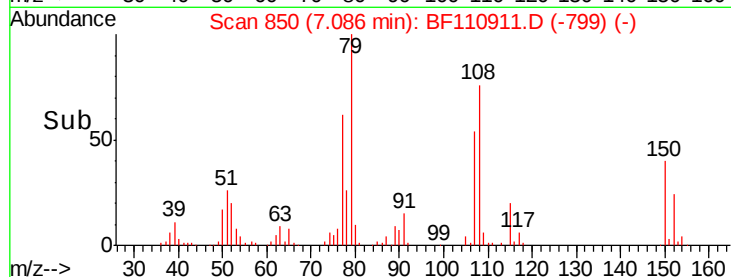
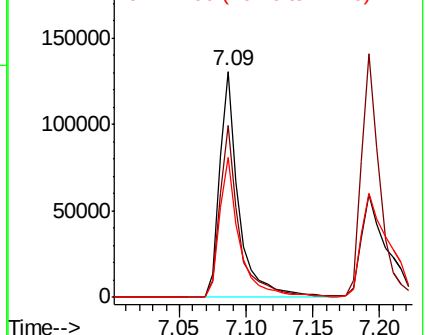
79 100

108 76.1 56.3 84.5

77 61.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.022 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

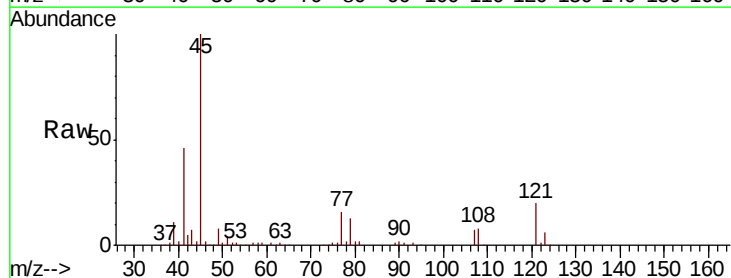
Tgt Ion: 45 Resp: 228616

Ion Ratio Lower Upper

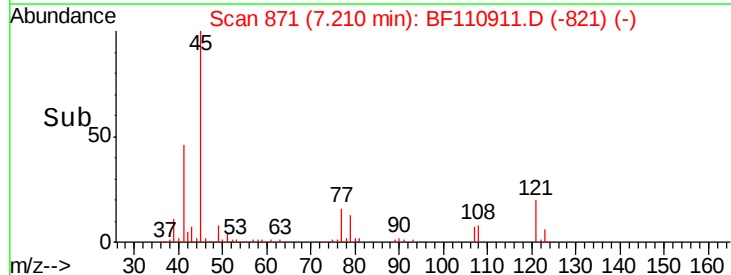
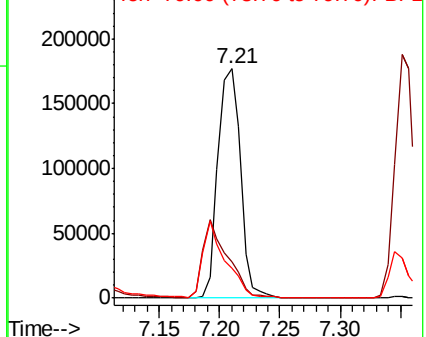
45 100

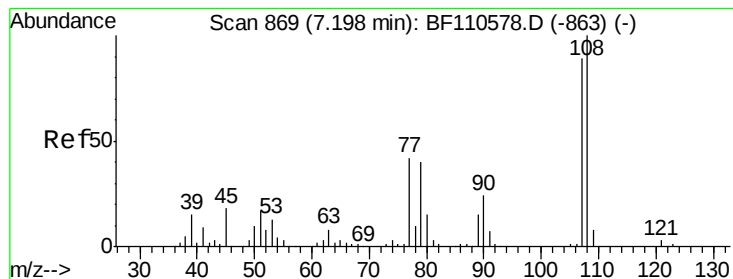
77 15.8 10.0 50.0

79 13.1 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.655 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 121103

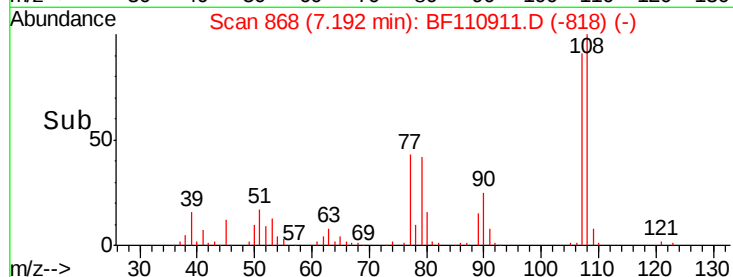
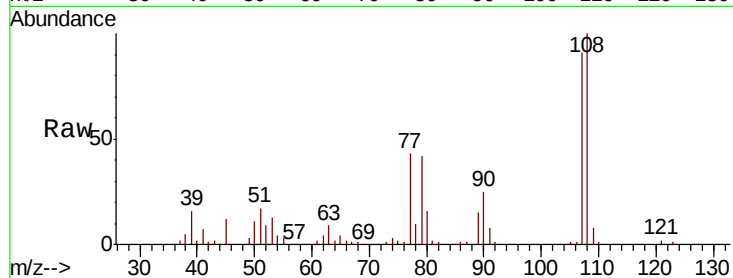
Ion Ratio Lower Upper

107 100

108 110.4 92.6 138.8

77 47.1 59.4 89.2#

79 46.9 54.0 81.0#



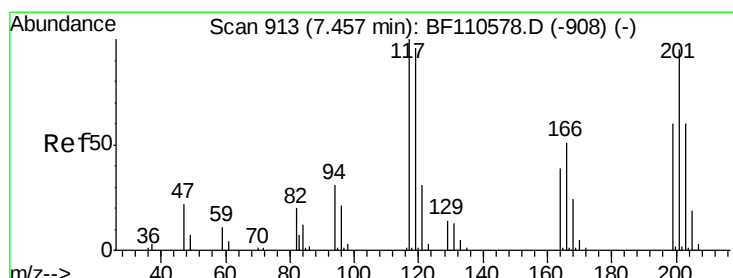
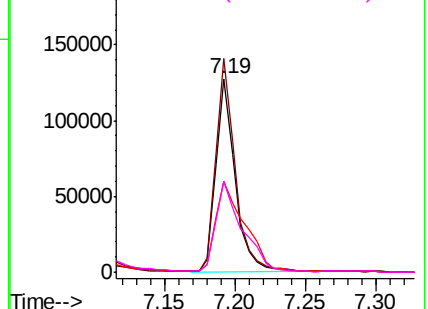
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.486 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

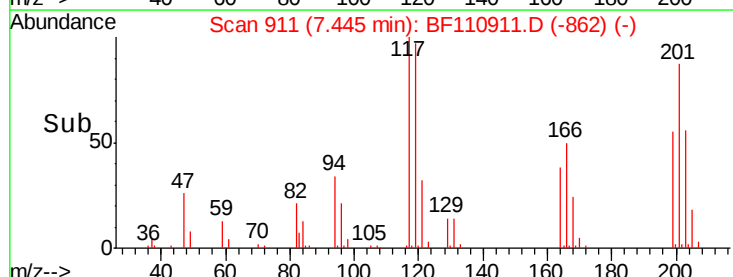
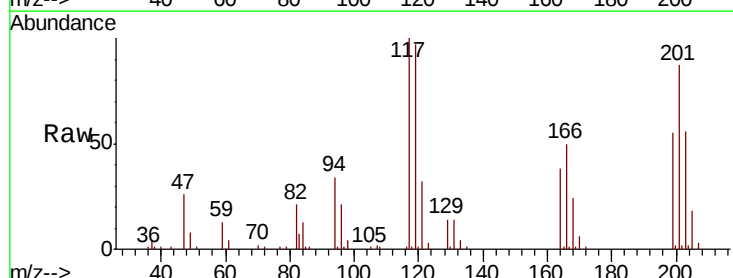
Tgt Ion:117 Resp: 54281

Ion Ratio Lower Upper

117 100

119 97.1 75.0 112.6

201 87.4 79.2 118.8

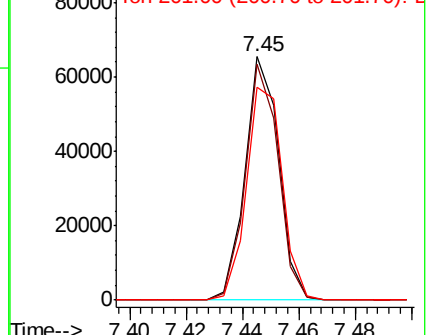


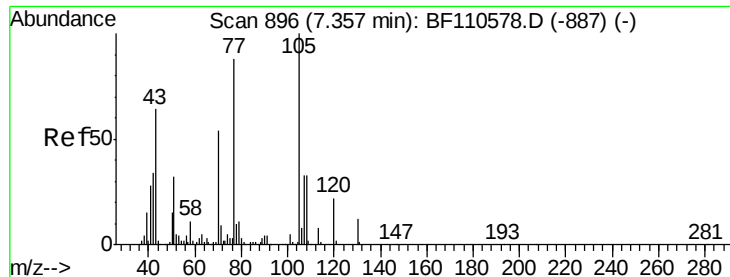
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

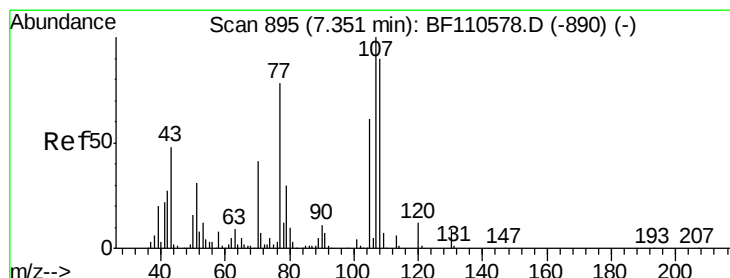
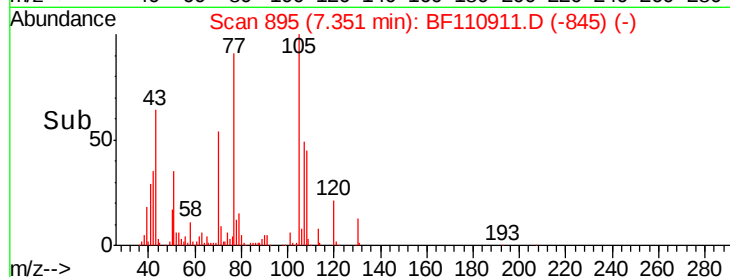
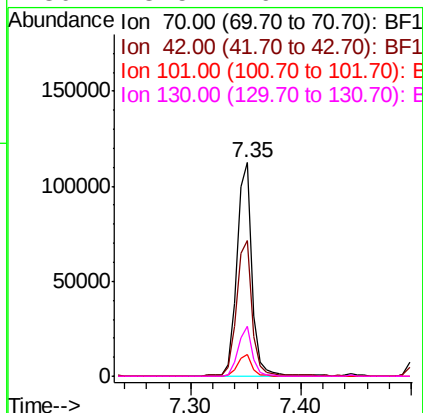
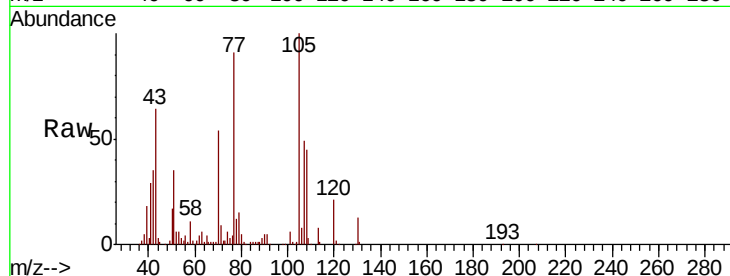




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.748 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

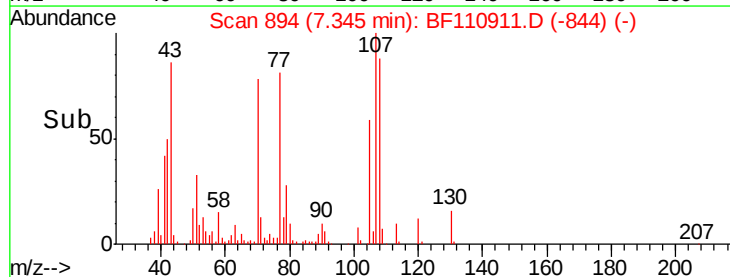
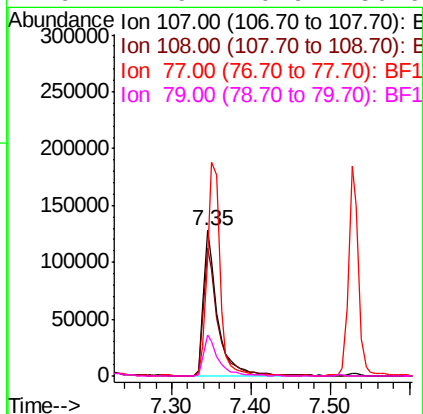
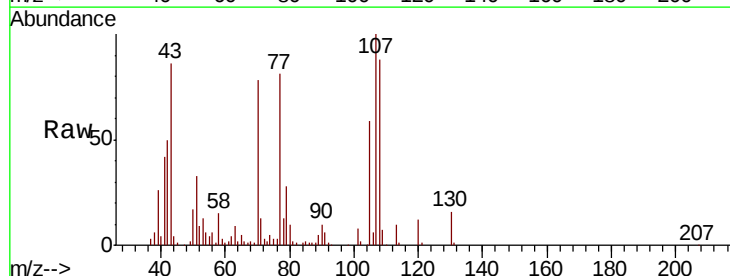
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

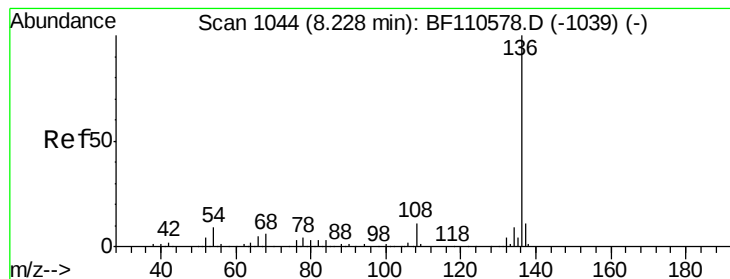
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 108874 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.8  | 47.4  | 71.2   |
| 101      | 10.4  | 7.3   | 10.9   |
| 130      | 23.5  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 40.622 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 159253 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 71.4  | 111.4  |
| 77       | 80.6  | 47.3  | 87.3   |
| 79       | 27.9  | 10.9  | 50.9   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 217057

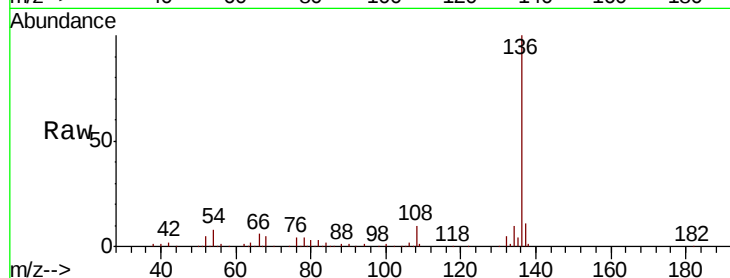
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 5.4 8.2

68 5.5 4.2 6.2

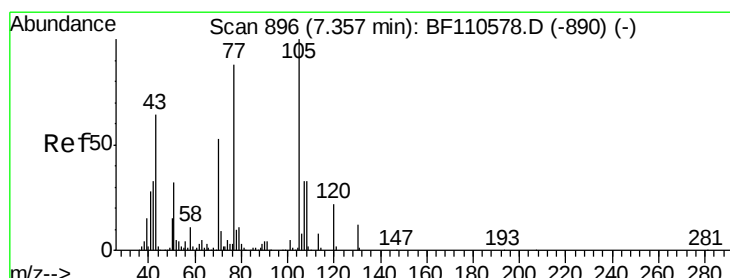
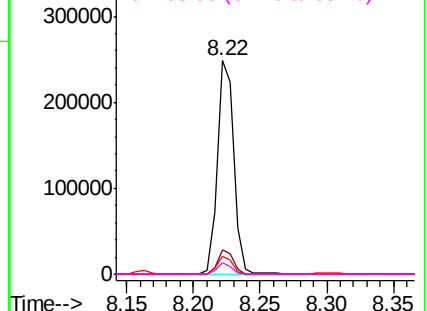
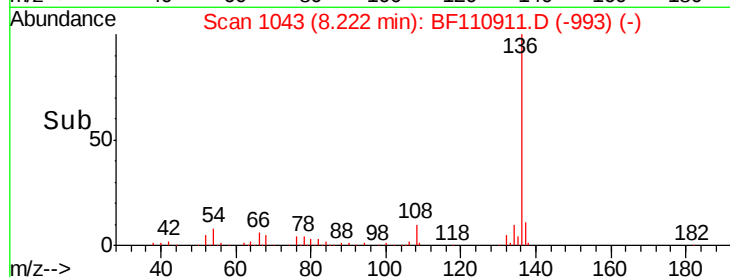


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.839 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Tgt Ion:105 Resp: 216706

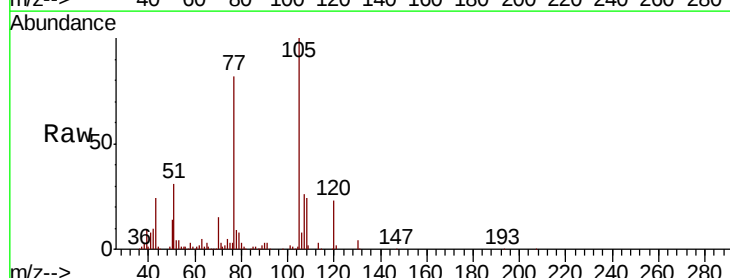
Ion Ratio Lower Upper

105 100

71 2.7 5.2 7.8#

51 30.7 21.8 32.8

120 22.7 17.0 25.4

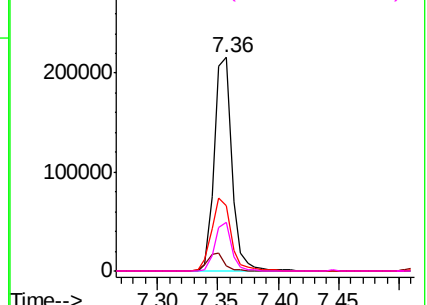
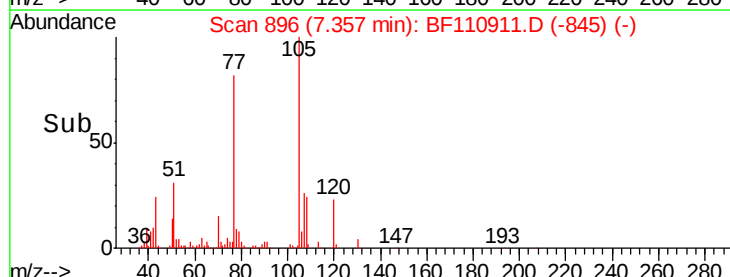


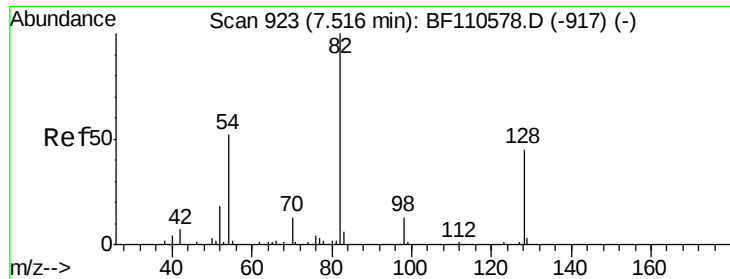
Abundance Ion 105.00 (104.70 to 105.70): E

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

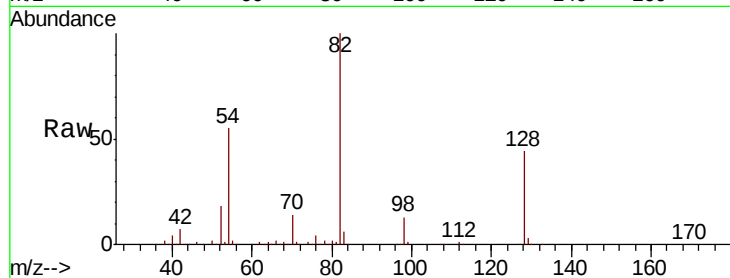




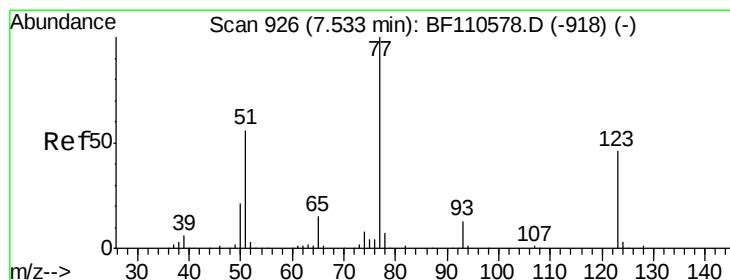
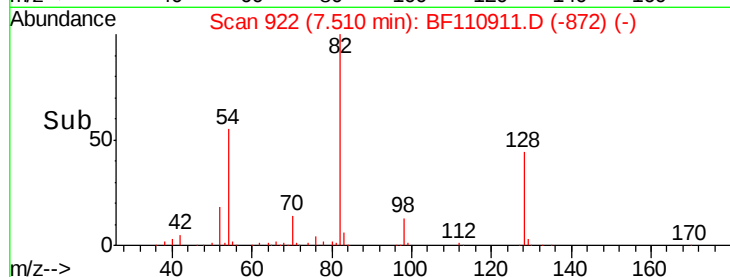
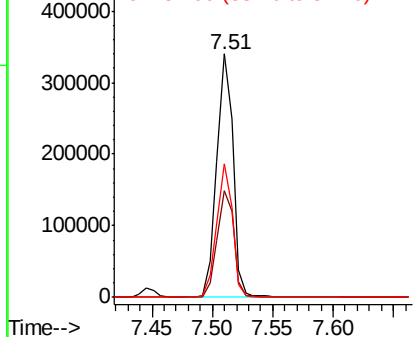
#23  
Nitrobenzene-d5  
Concen: 83.457 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 34.2  | 51.2  |
| 54      | 54.6  | 38.6  | 58.0  |

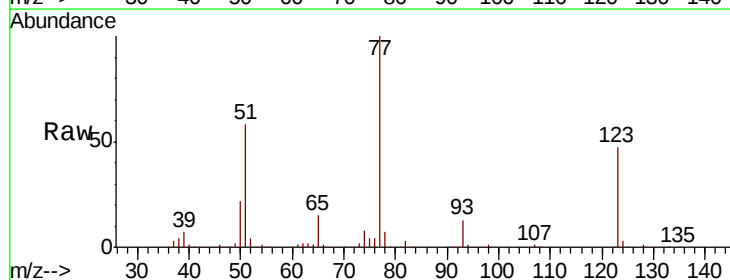


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

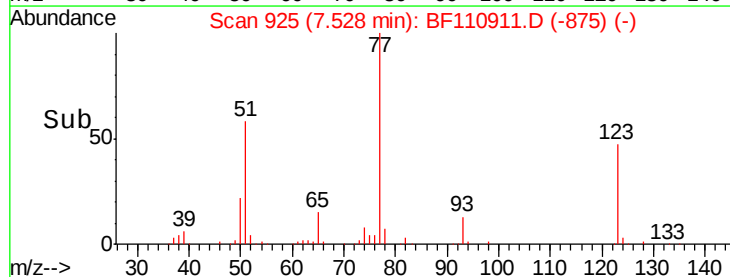
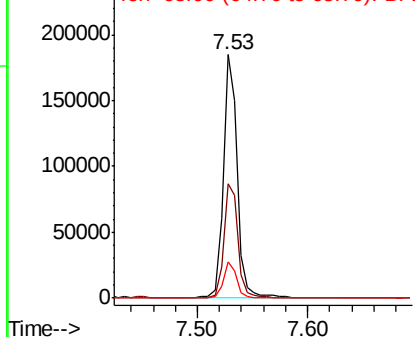


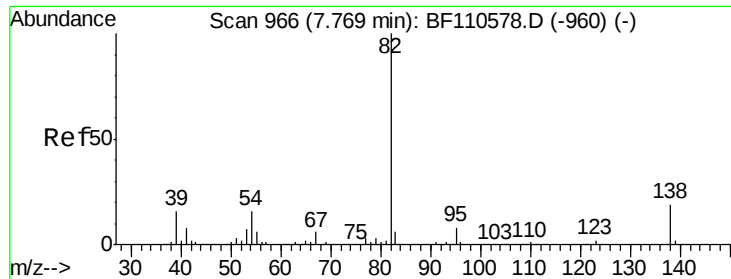
#24  
Nitrobenzene  
Concen: 41.548 ng  
RT: 7.53 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.9  | 35.7  | 53.5  |
| 65      | 14.9  | 10.7  | 16.1  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.188 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

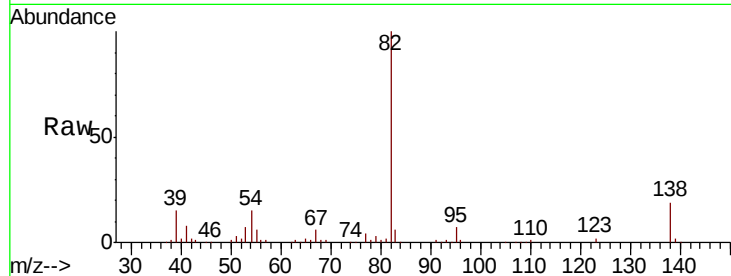
Tgt Ion: 82 Resp: 248258

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

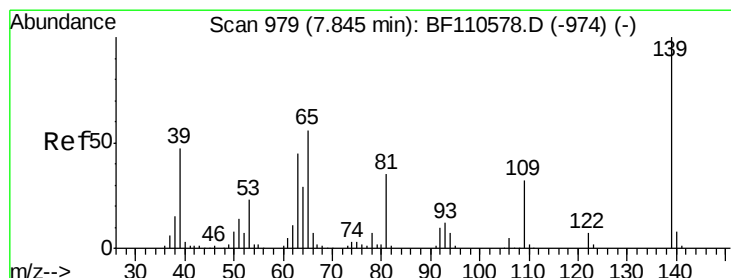
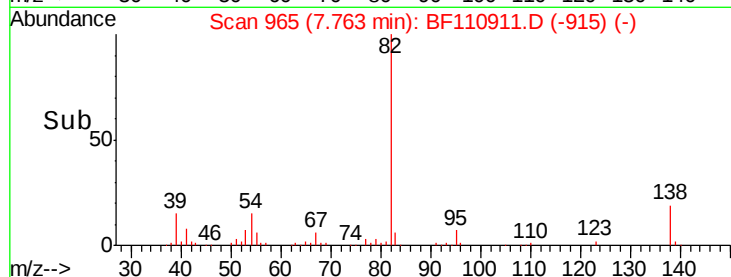
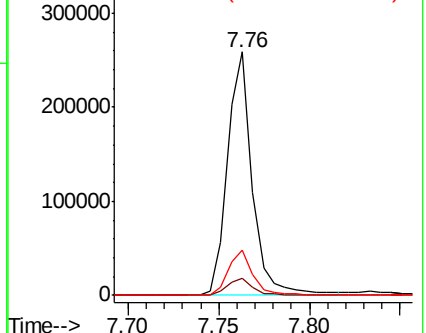
138 18.6 13.2 19.8



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: 39.904 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

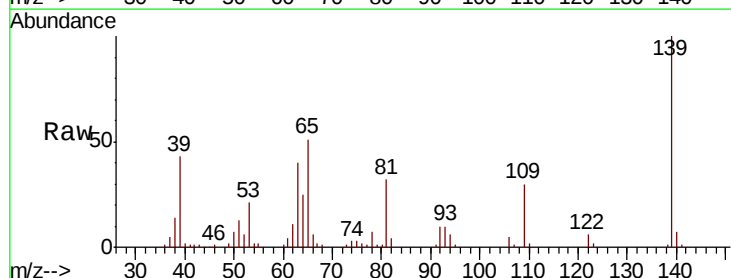
Tgt Ion: 139 Resp: 76874

Ion Ratio Lower Upper

139 100

109 29.5 25.0 37.6

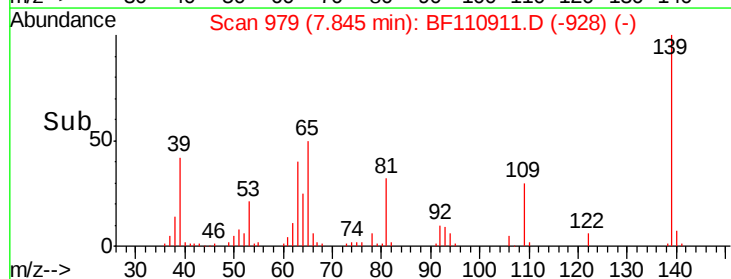
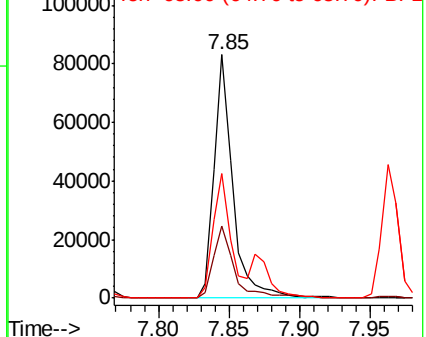
65 51.3 44.0 66.0

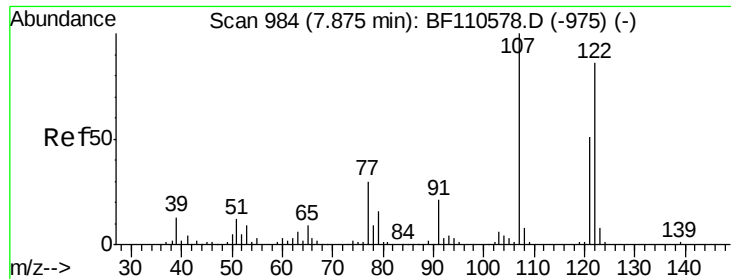


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

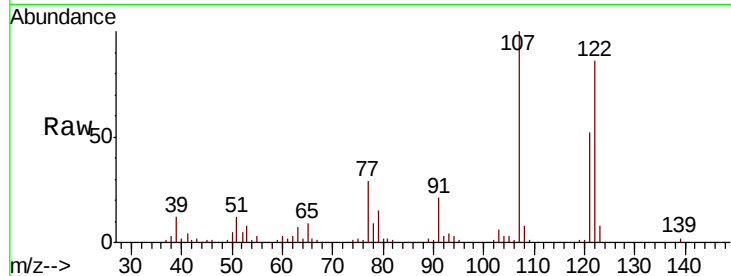




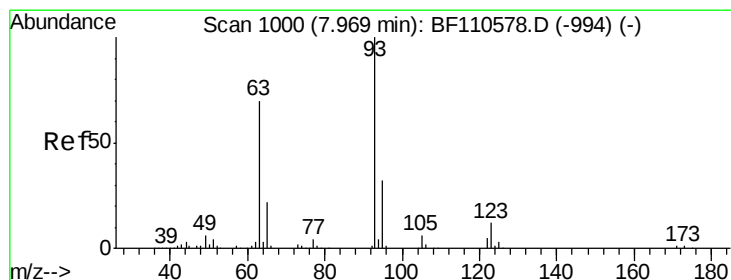
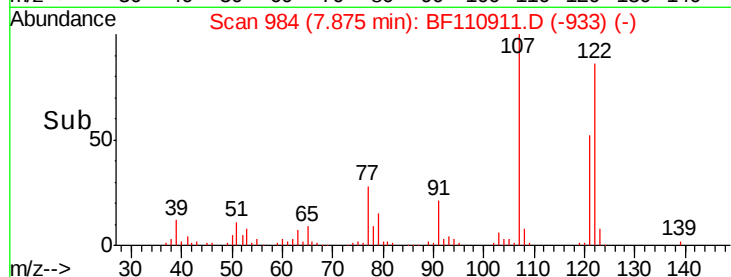
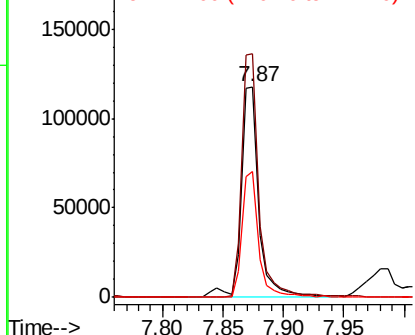
#27  
2,4-Dimethylphenol  
Concen: 41.337 ng  
RT: 7.87 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.6 | 92.5  | 138.7 |
| 121     | 60.0  | 45.8  | 68.8  |

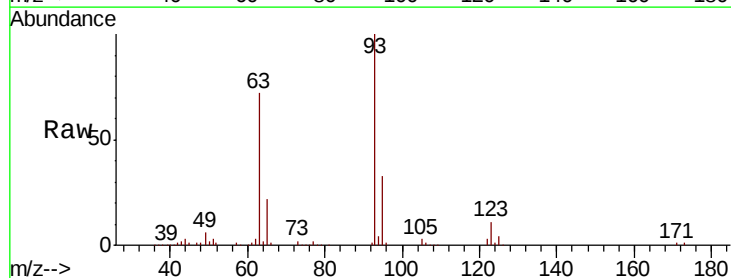


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

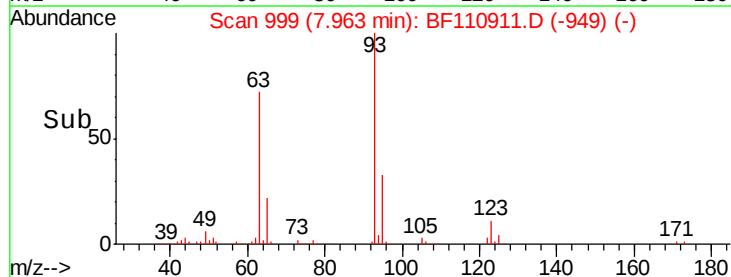
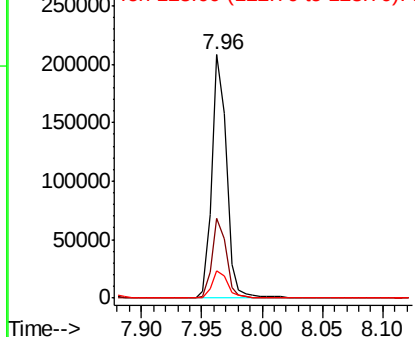


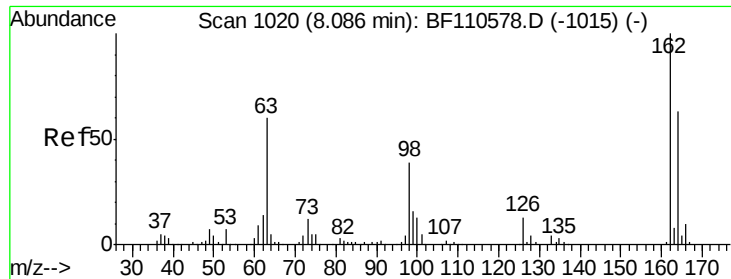
#28  
bis(2-Chloroethoxy)methane  
Concen: 41.591 ng  
RT: 7.96 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 26.4  | 39.6  |
| 123     | 11.1  | 9.0   | 13.6  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E

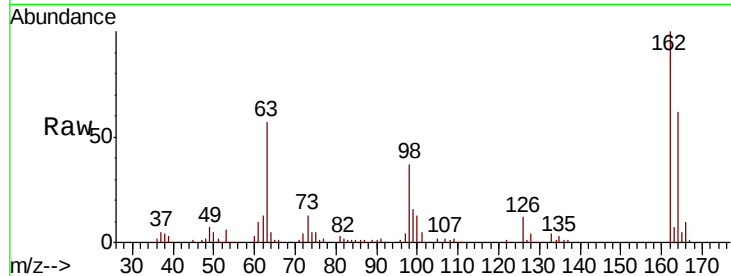




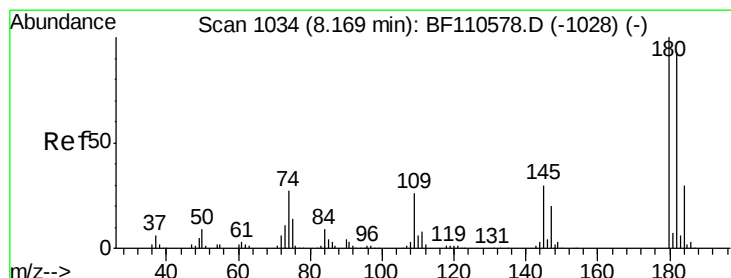
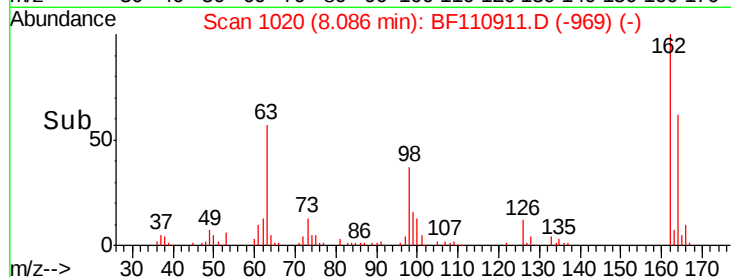
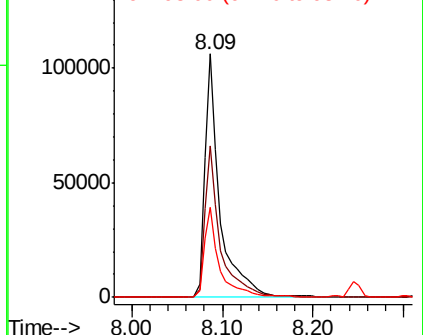
#29  
 2,4-Dichlorophenol  
 Concen: 41.400 ng  
 RT: 8.09 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.1  | 44.6  | 84.6  |
| 98      | 37.0  | 17.4  | 57.4  |

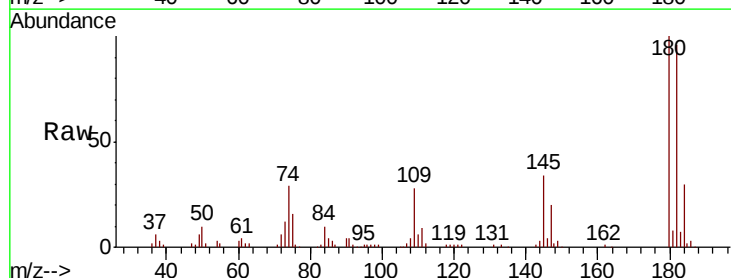


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

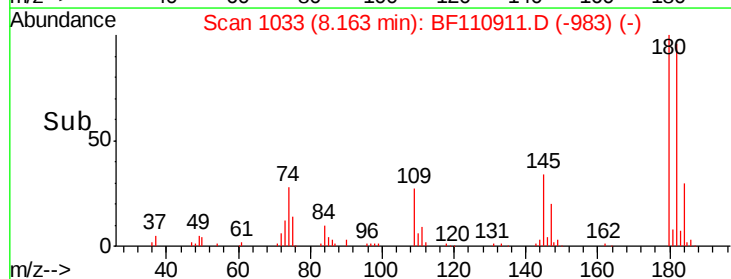
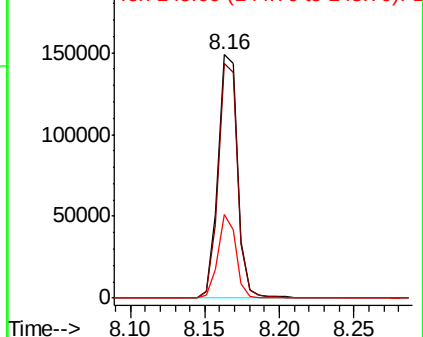


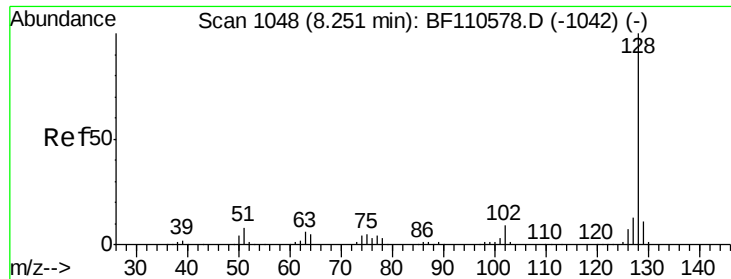
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.769 ng  
 RT: 8.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 80.3  | 120.5 |
| 145     | 34.1  | 25.4  | 38.0  |



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

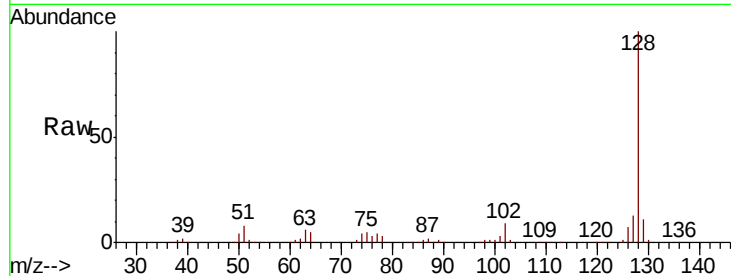




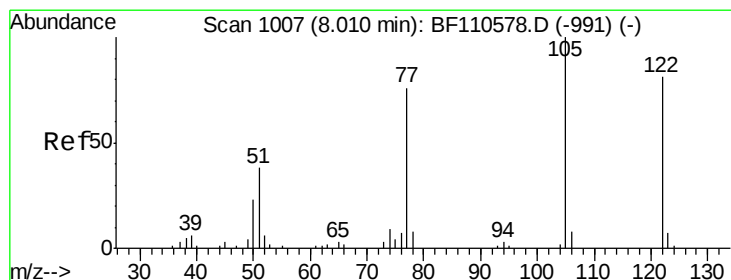
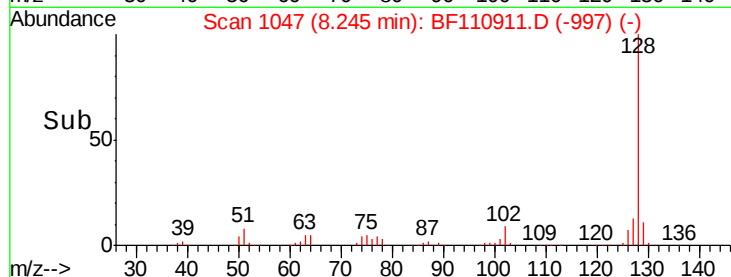
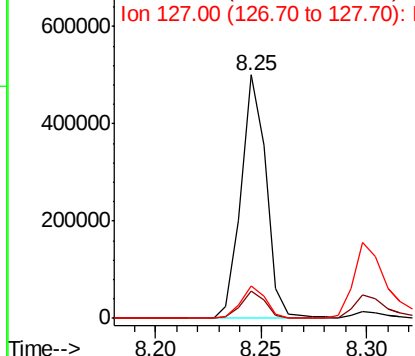
#31  
Naphthalene  
Concen: 40.420 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 411863  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.1 10.8 16.2

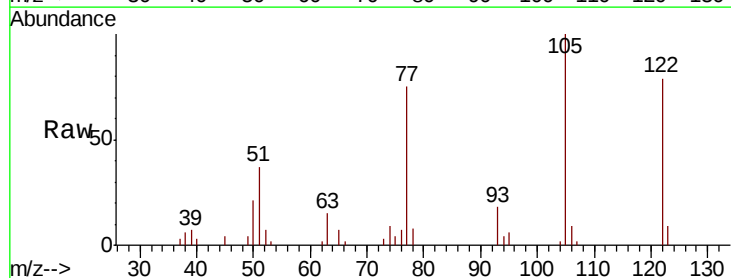


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

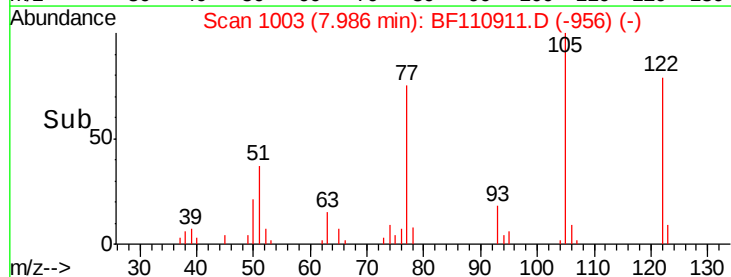
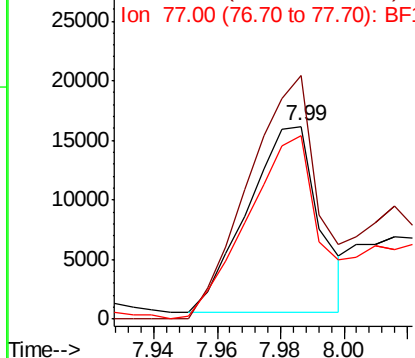


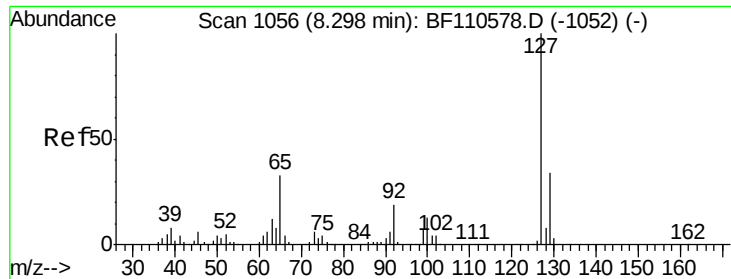
#32  
Benzoic acid  
Concen: 11.766 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.02 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:122 Resp: 24424  
Ion Ratio Lower Upper  
122 100  
105 126.4 109.0 149.0  
77 95.3 79.0 119.0



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

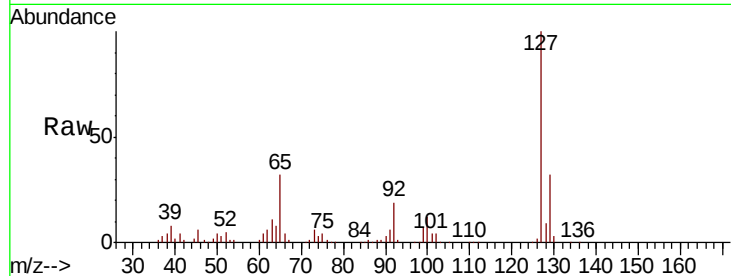




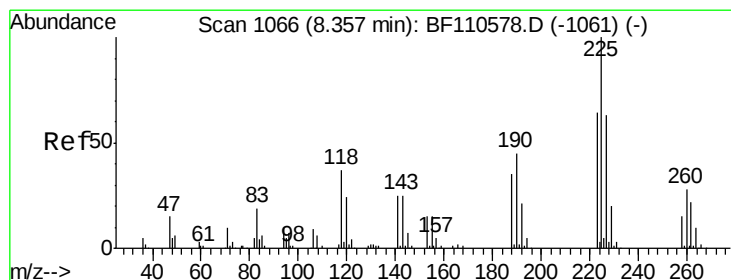
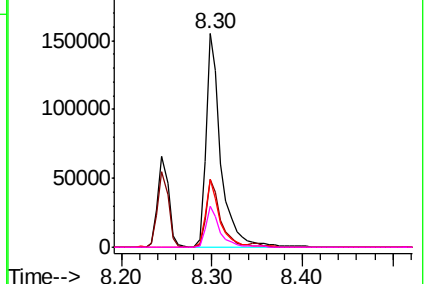
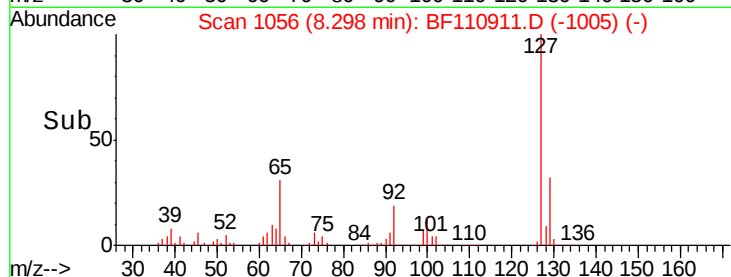
#33  
4-Chloroaniline  
Concen: 38.758 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 178888 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.0  | 39.0   |
| 65       | 31.9  | 25.1  | 37.7   |
| 92       | 19.2  | 15.0  | 22.6   |

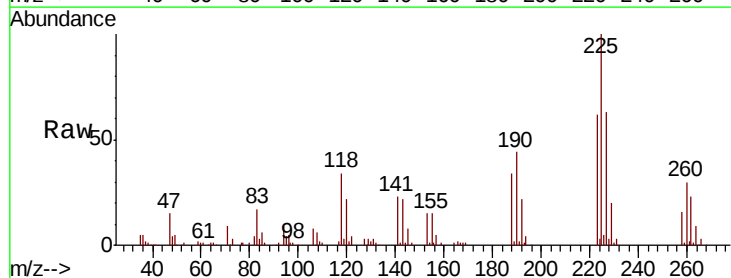


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

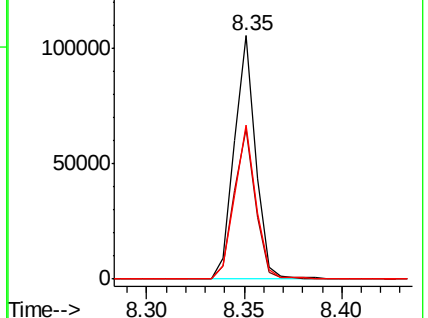
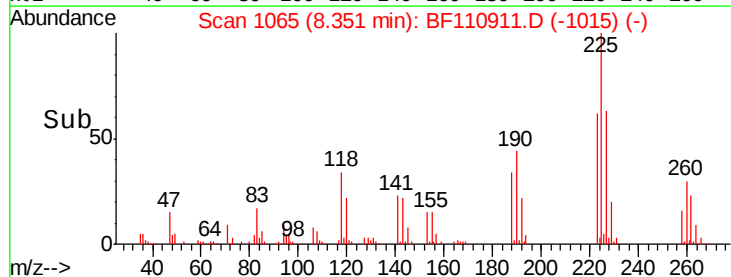


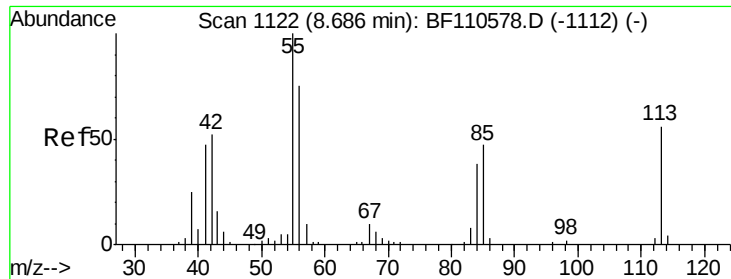
#34  
Hexachlorobutadiene  
Concen: 41.173 ng  
RT: 8.35 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 80047 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 51.4  | 77.2  |
| 227      | 63.4  | 51.0  | 76.6  |



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

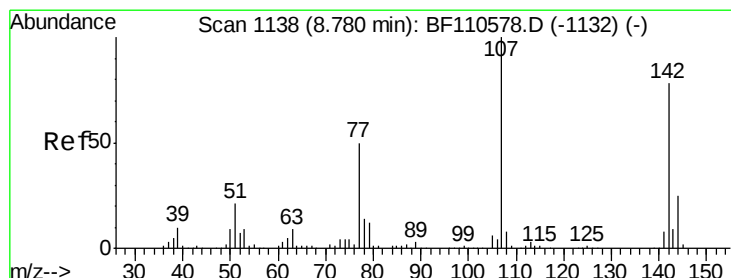
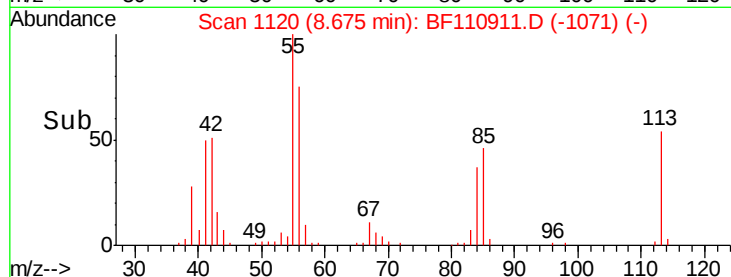
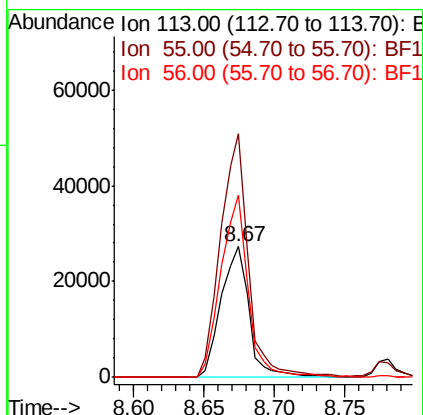
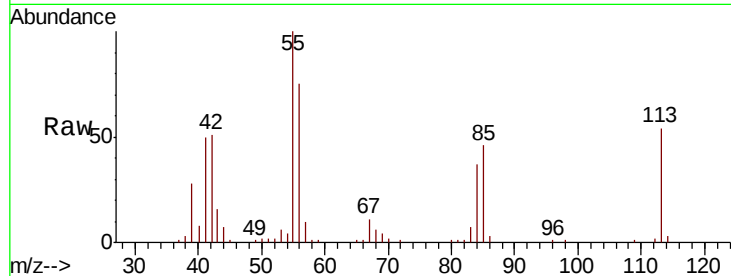




#35  
 Caprolactam  
 Concen: 37.436 ng  
 RT: 8.67 min Scan# 1120  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

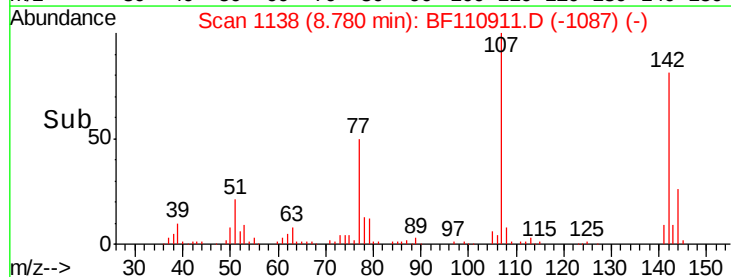
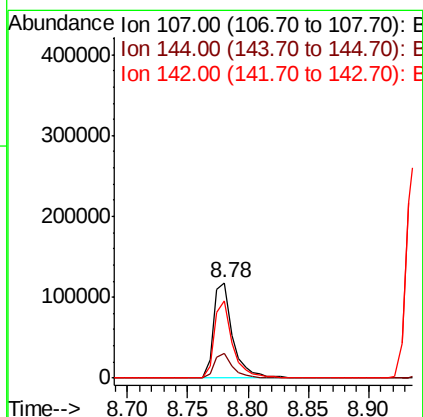
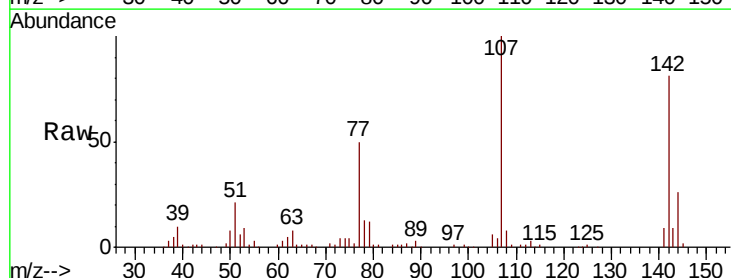
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

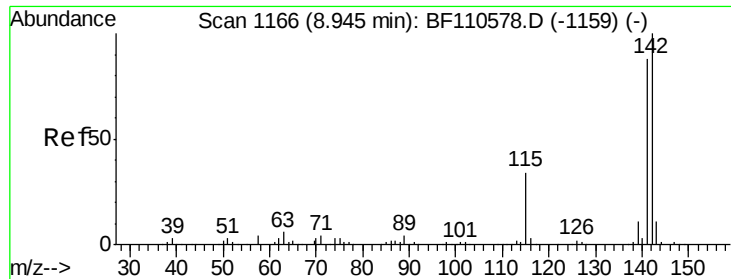
Tgt Ion:113 Resp: 37758  
 Ion Ratio Lower Upper  
 113 100  
 55 186.1 142.8 182.8#  
 56 139.1 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.592 ng  
 RT: 8.78 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:107 Resp: 128907  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 20.0 30.0  
 142 80.9 59.7 89.5

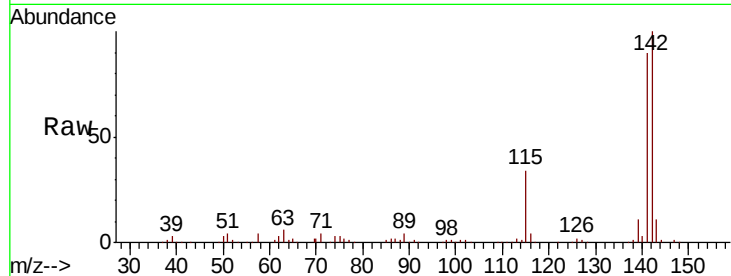




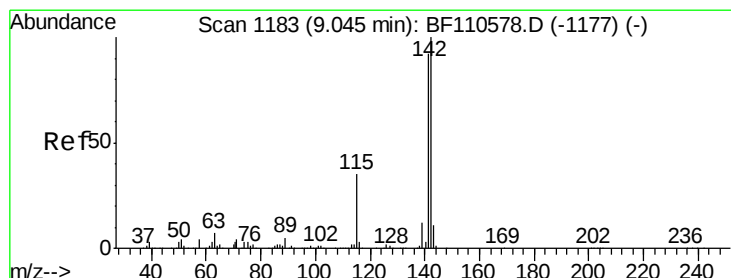
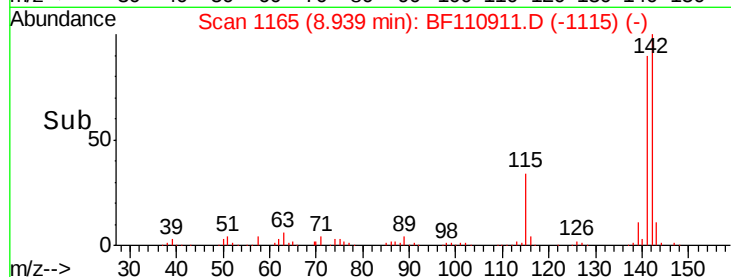
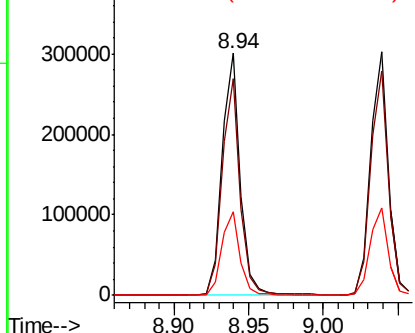
#37  
 2-Methylnaphthalene  
 Concen: 38.824 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:142 Resp: 259339  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 71.4 107.2  
 115 34.4 28.7 43.1

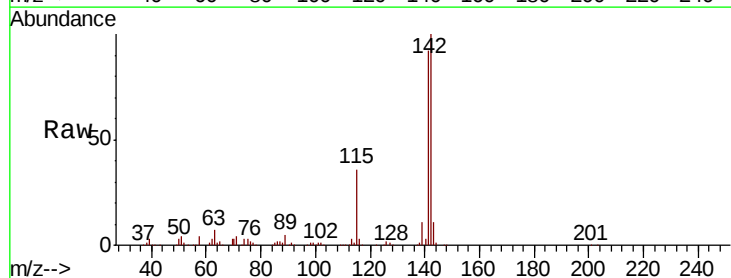


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

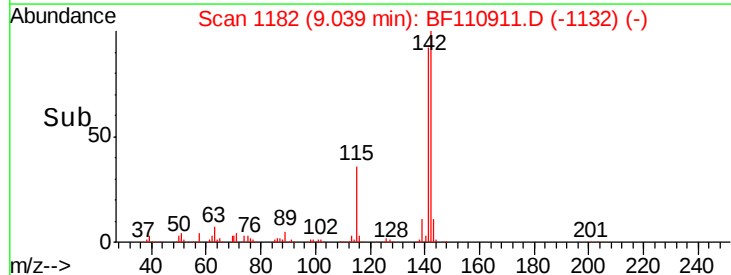
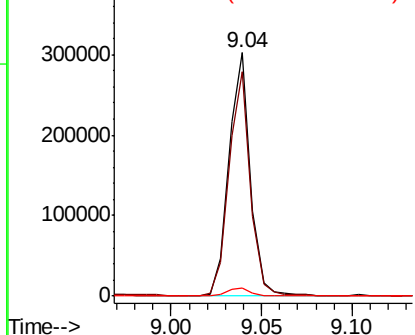


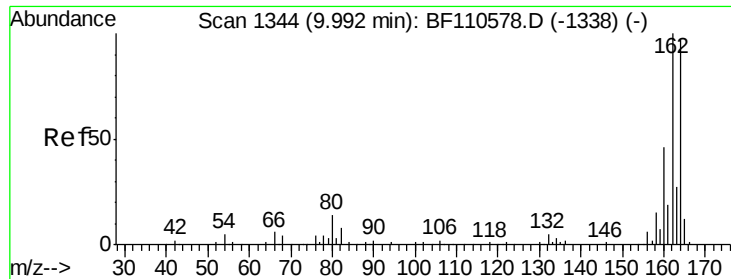
#38  
 1-Methylnaphthalene  
 Concen: 38.559 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:142 Resp: 247704  
 Ion Ratio Lower Upper  
 142 100  
 141 92.1 74.2 111.4  
 116 3.4 2.6 4.0



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

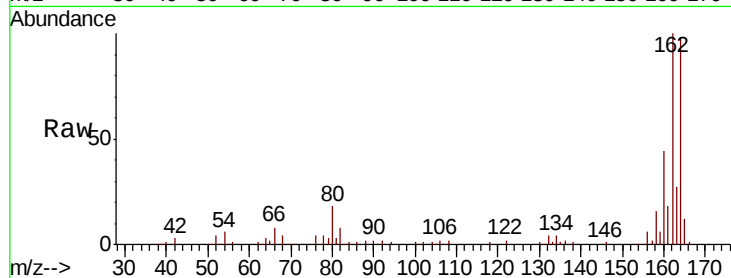
Tgt Ion:164 Resp: 89663

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.6

160 44.9 37.0 55.6

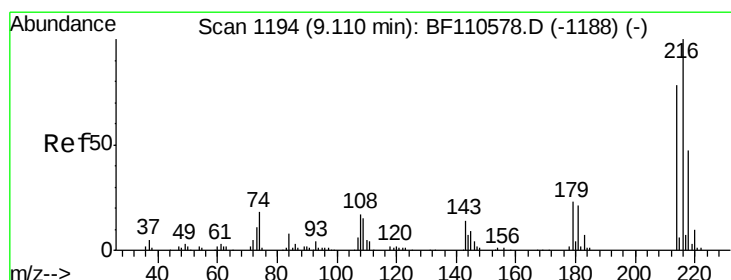
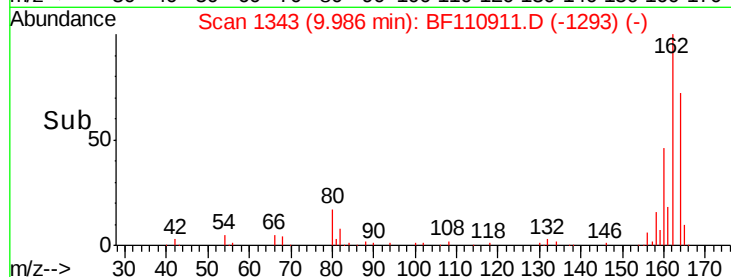
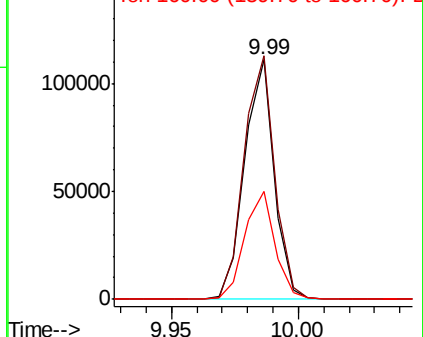


Abundance

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: 43.737 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Tgt Ion:216 Resp: 124133

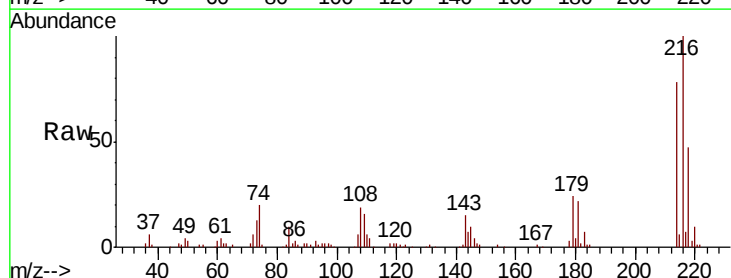
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 23.1 16.6 25.0

108 18.2 15.1 22.7



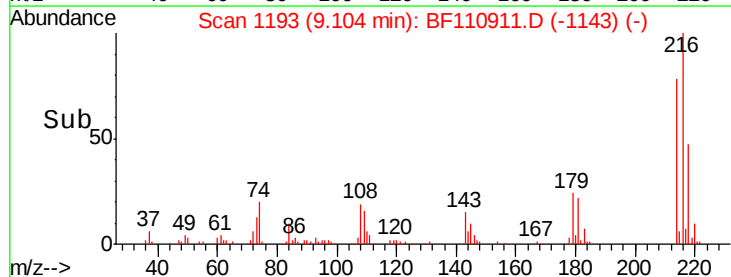
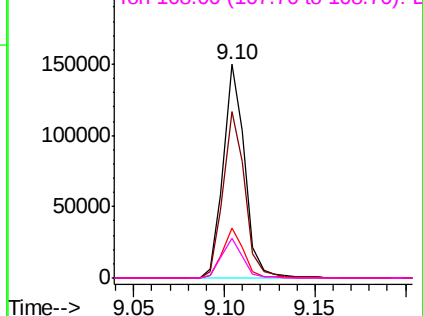
Abundance

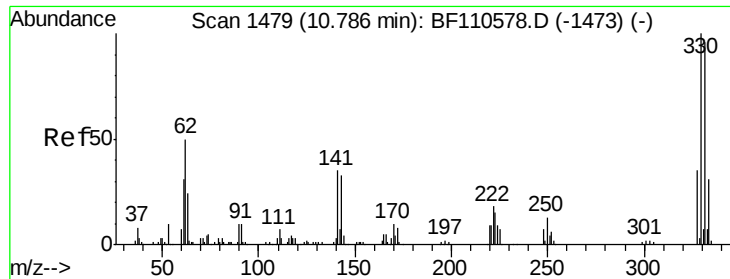
Ion 216.00 (215.70 to 216.70): E

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

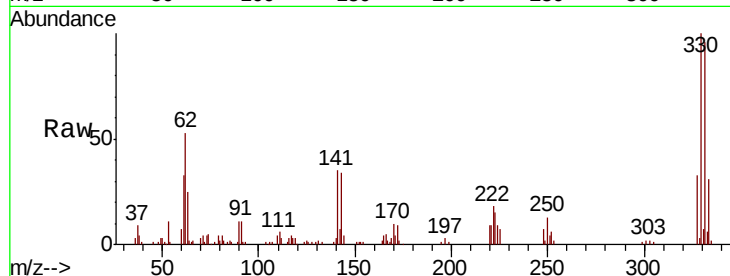




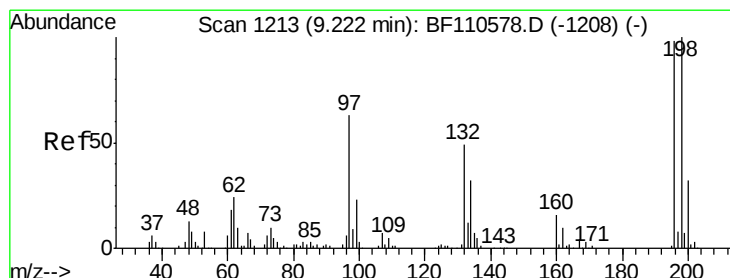
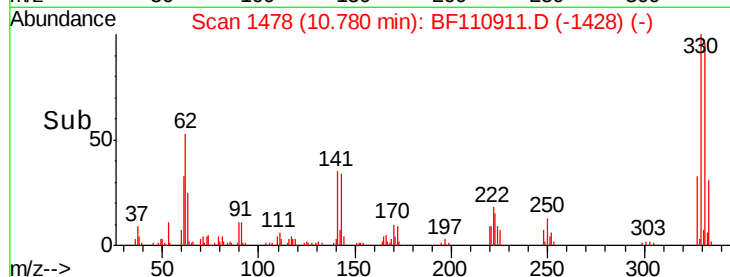
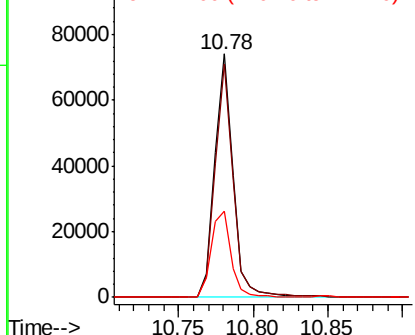
#42  
 2,4,6-Tribromophenol  
 Concen: 70.011 ng  
 RT: 10.78 min Scan# 1478  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:330 Resp: 63253  
 Ion Ratio Lower Upper  
 330 100  
 332 95.4 77.1 115.7  
 141 38.4 27.0 40.4

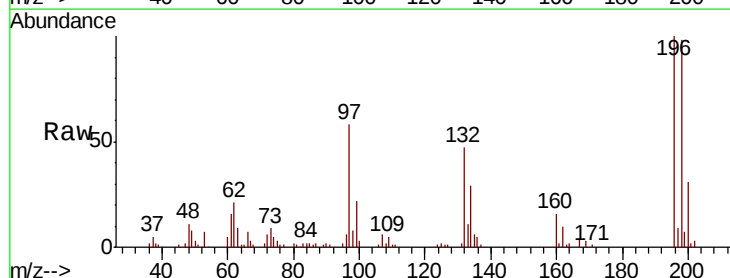


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

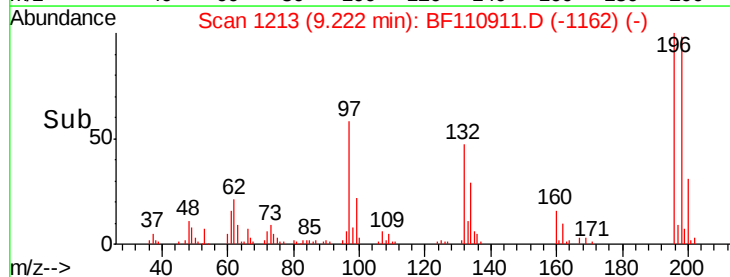
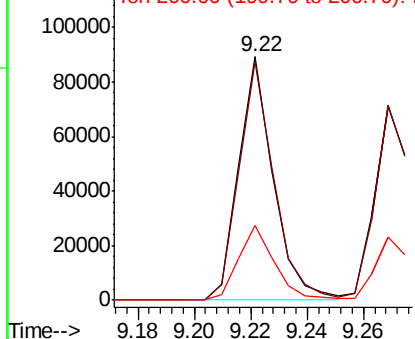


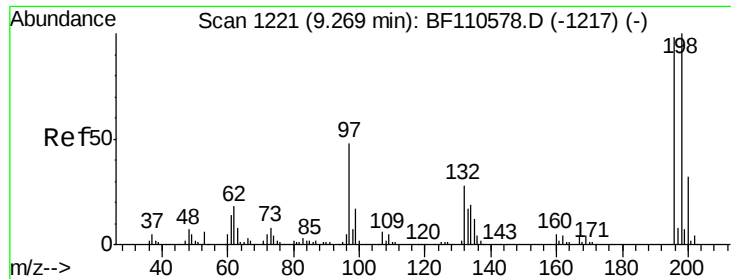
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.742 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:196 Resp: 76231  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 76.2 114.4  
 200 30.7 24.4 36.6



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

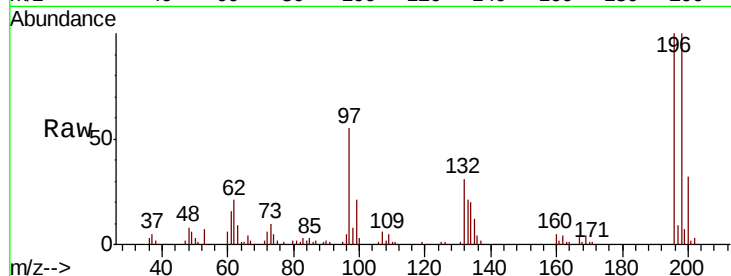




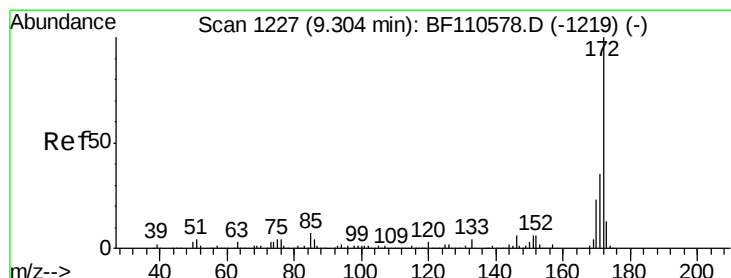
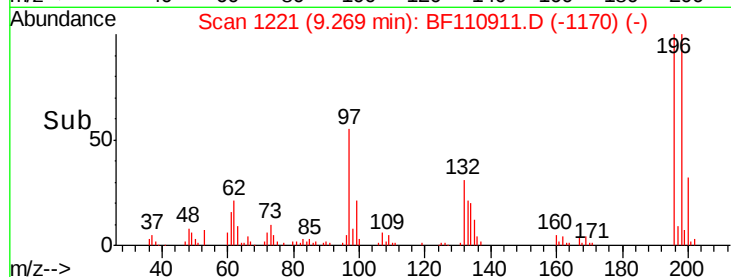
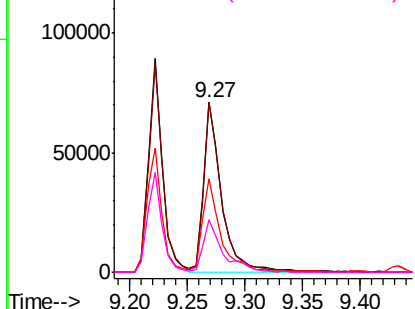
#44  
 2,4,5-Trichlorophenol  
 Concen: 41.339 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 78645  
 Ion Ratio Lower Upper  
 196 100  
 198 100.4 75.8 113.6  
 97 55.3 42.4 63.6  
 132 30.8 22.8 34.2

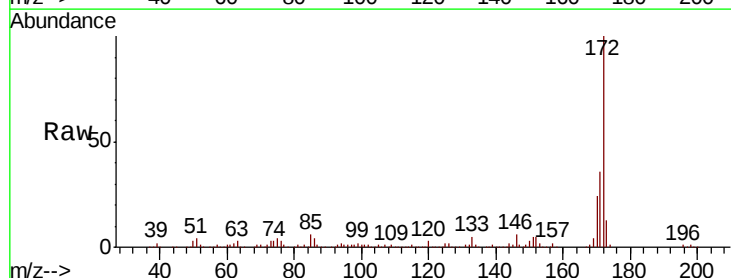


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

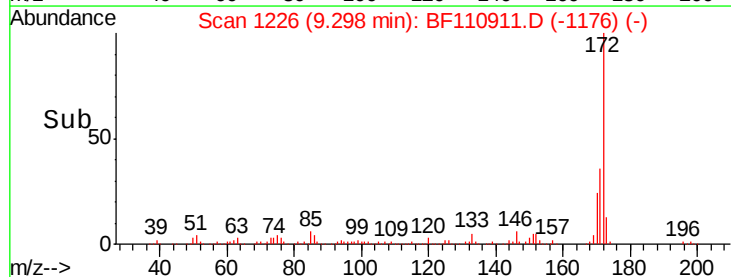
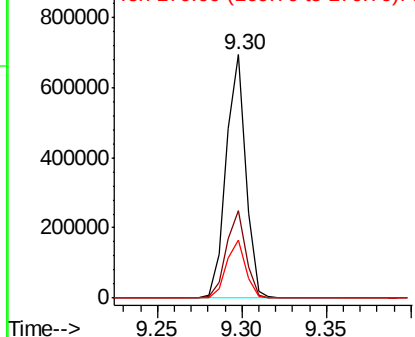


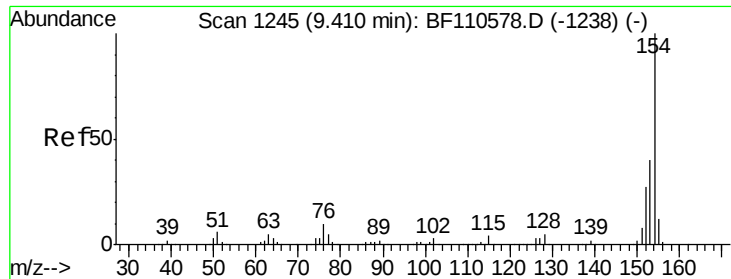
#45  
 2-Fluorobiphenyl  
 Concen: 89.214 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:172 Resp: 560094  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.6 43.0  
 170 23.7 19.7 29.5



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

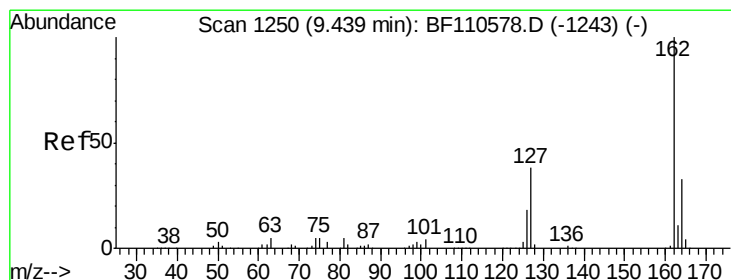
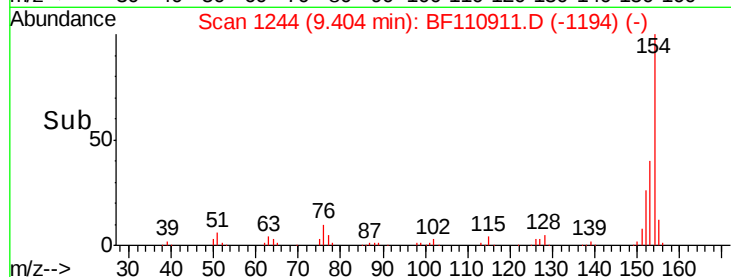
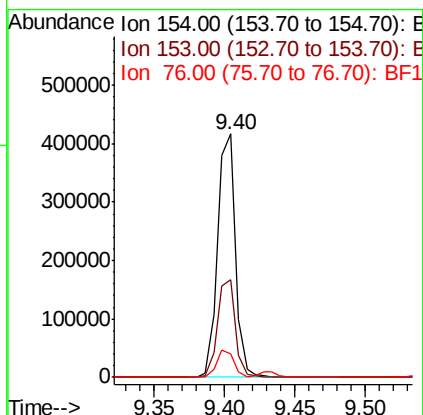
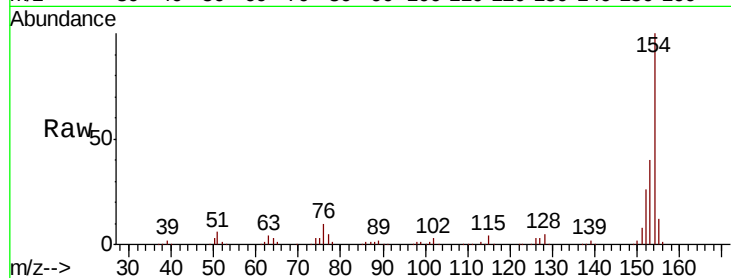




#46  
 1,1'-Biphenyl  
 Concen: 43.747 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

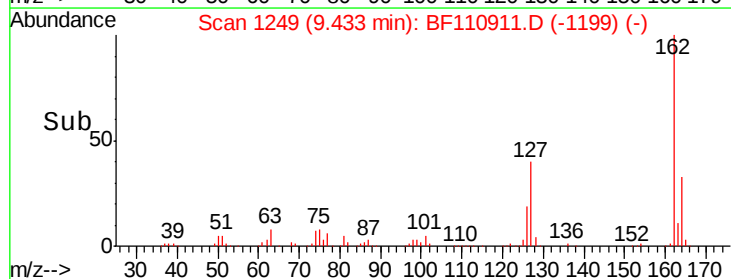
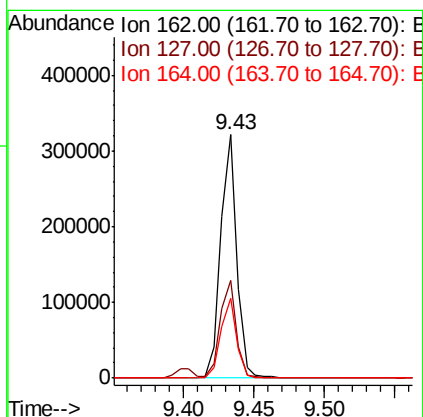
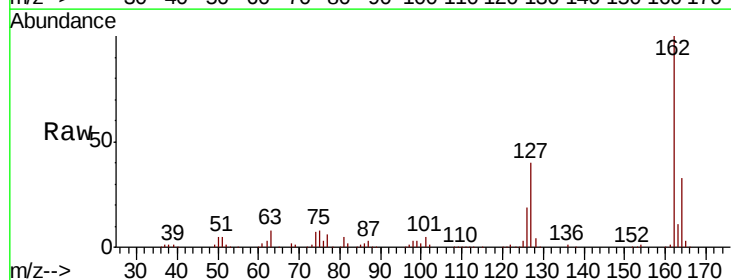
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

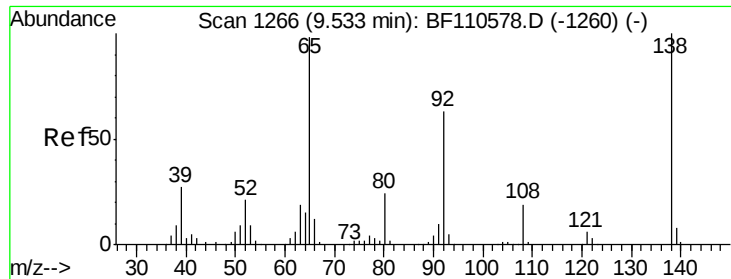
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 365913 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.0  | 20.4  | 60.4   |
| 76       | 9.6   | 0.0   | 31.9   |



#47  
 2-Chloronaphthalene  
 Concen: 42.259 ng  
 RT: 9.43 min Scan# 1249  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 254650 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 40.1  | 32.6  | 48.8   |
| 164      | 32.7  | 25.9  | 38.9   |

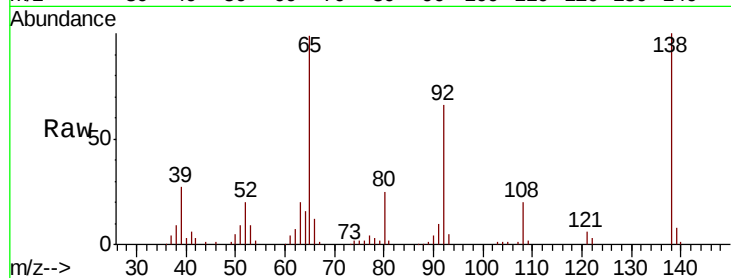




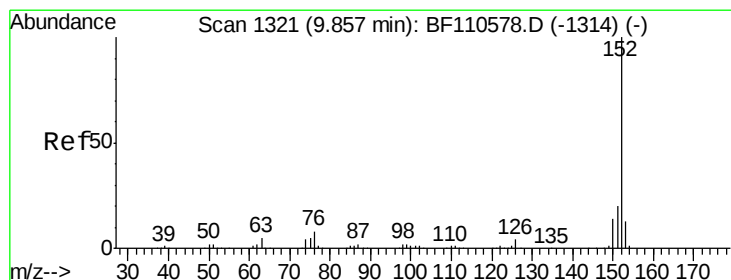
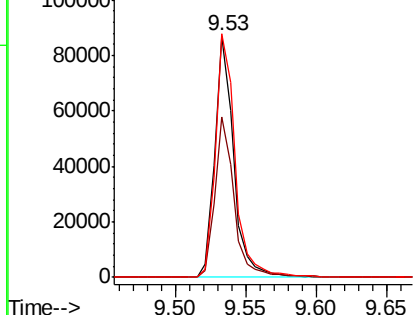
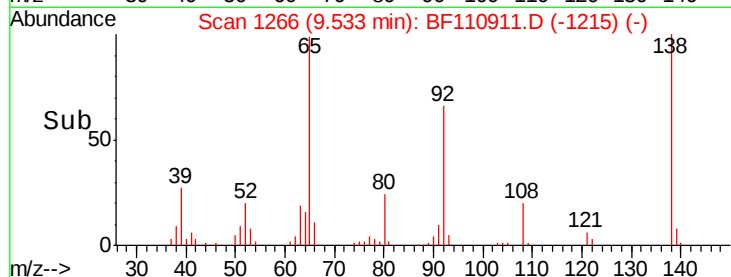
#48  
2-Nitroaniline  
Concen: 43.725 ng  
RT: 9.53 min Scan# 1266  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 65 Resp: 81195  
Ion Ratio Lower Upper  
65 100  
92 66.4 54.6 81.8  
138 101.0 80.3 120.5

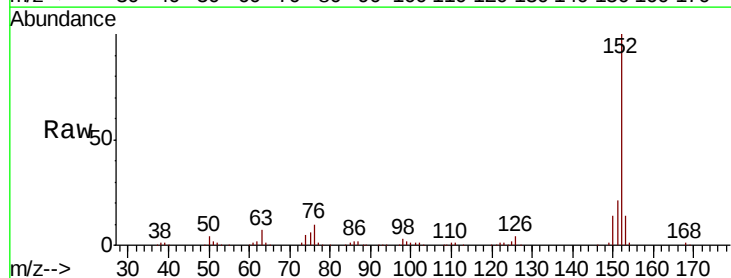


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

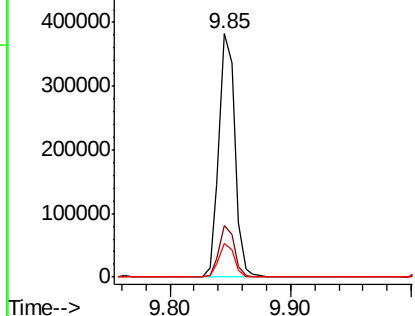
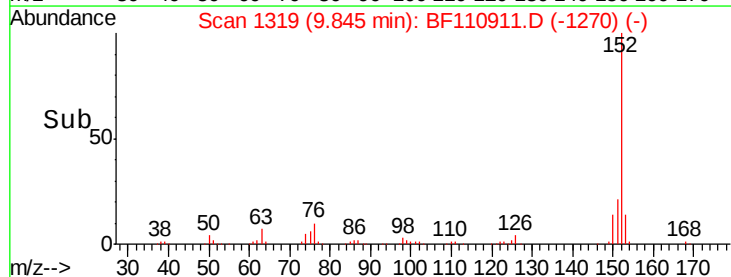


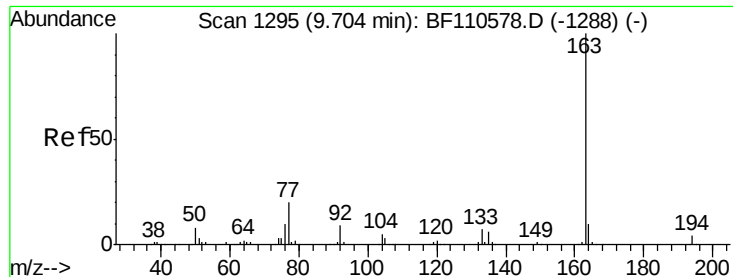
#49  
Acenaphthylene  
Concen: 40.228 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion: 152 Resp: 349107  
Ion Ratio Lower Upper  
152 100  
151 20.9 15.8 23.8  
153 14.0 10.4 15.6



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

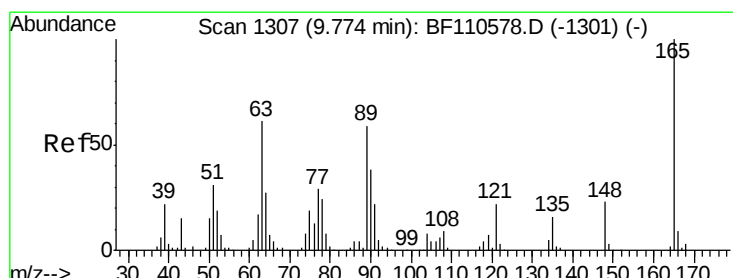
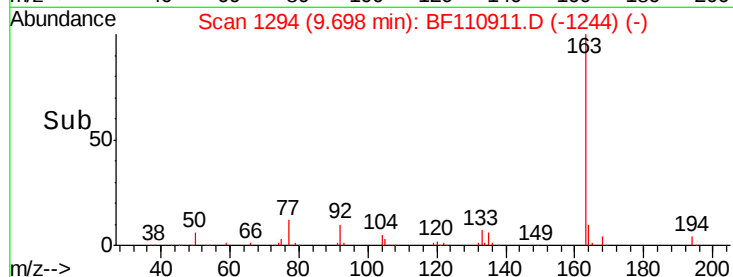
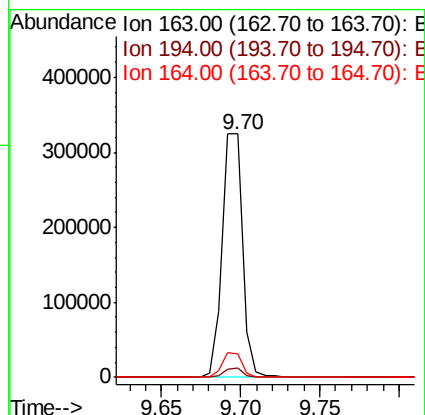
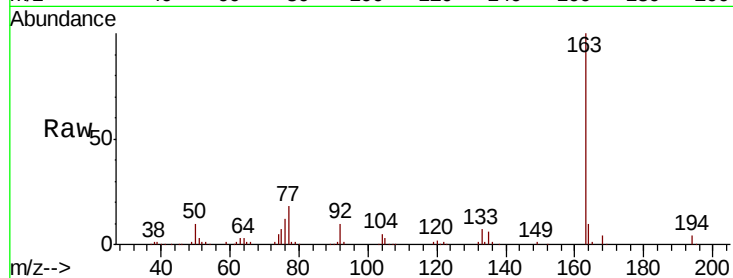




#50  
Dimethylphthalate  
Concen: 43.086 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

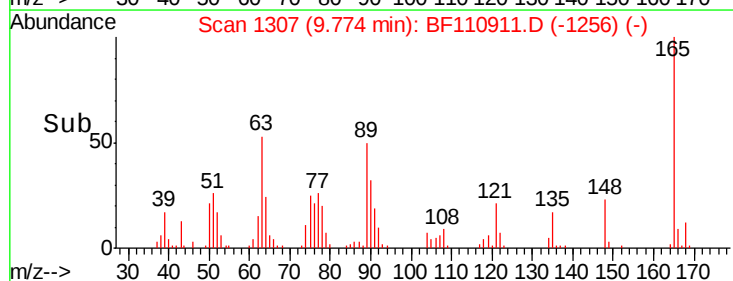
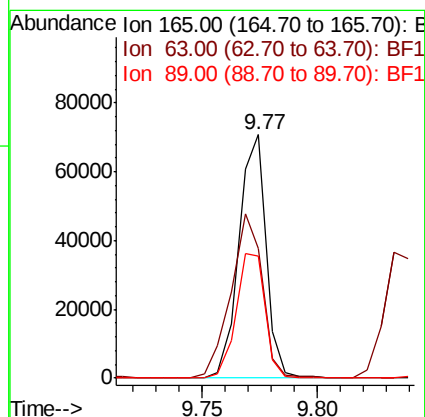
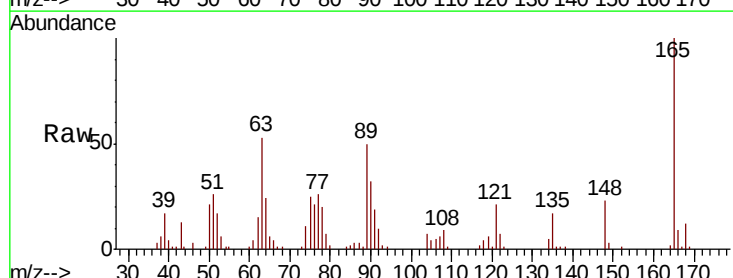
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

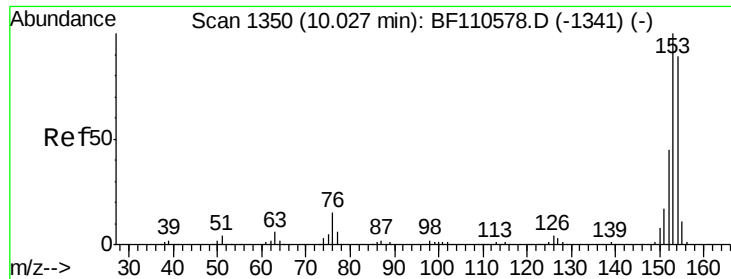
Tgt Ion:163 Resp: 288266  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 9.8 8.1 12.1



#51  
2,6-Dinitrotoluene  
Concen: 39.541 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:165 Resp: 58194  
Ion Ratio Lower Upper  
165 100  
63 53.3 48.9 73.3  
89 50.0 46.6 69.8





#52

Acenaphthene

Concen: 40.268 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

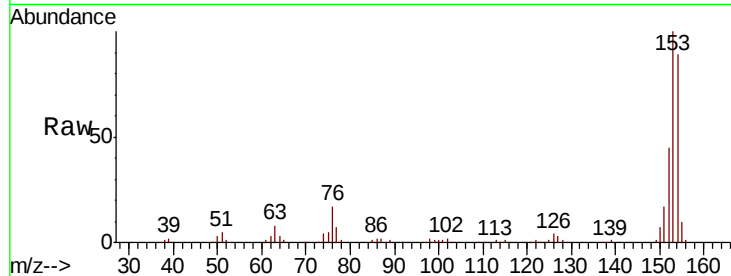
Tgt Ion:154 Resp: 220841

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

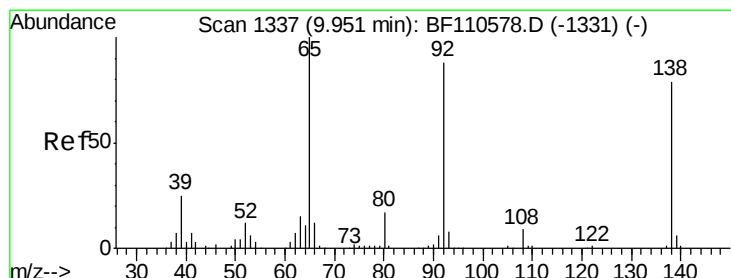
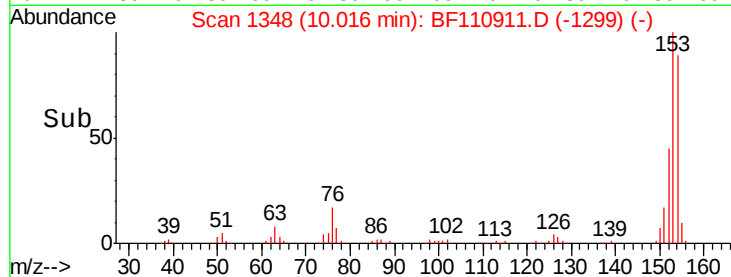
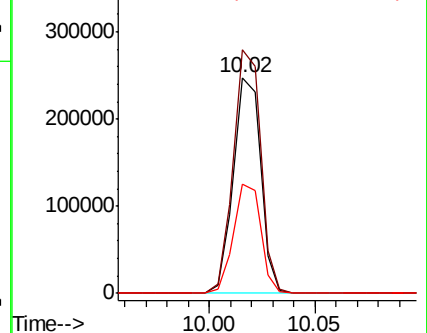
152 50.7 43.4 65.2



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: 41.801 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

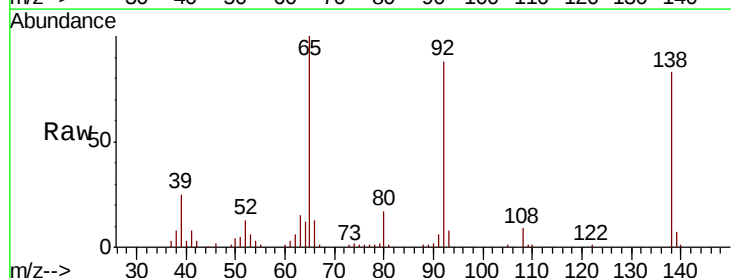
Tgt Ion:138 Resp: 71275

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

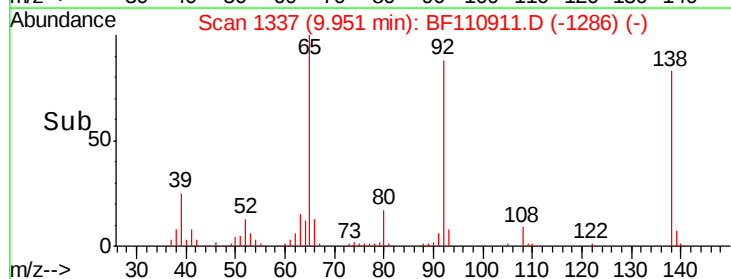
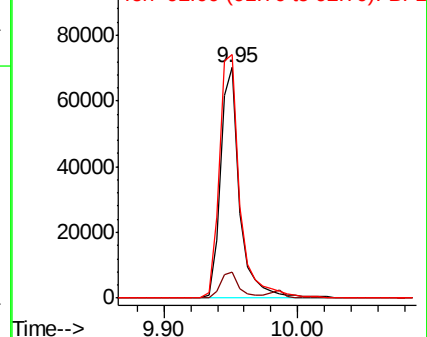
92 105.6 97.0 145.4

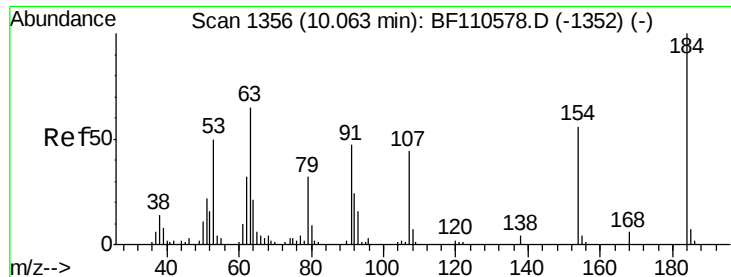


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

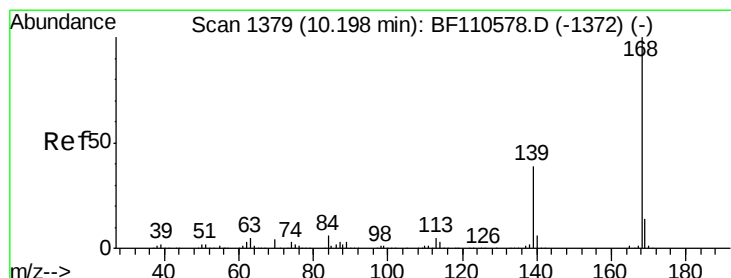
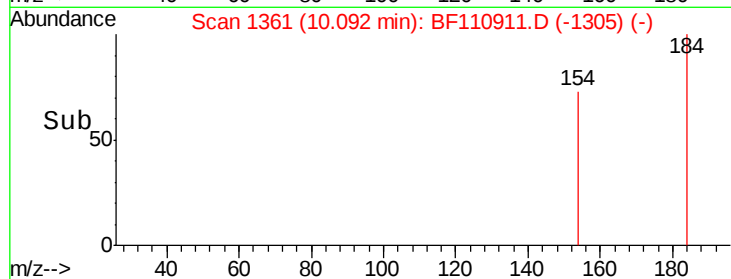
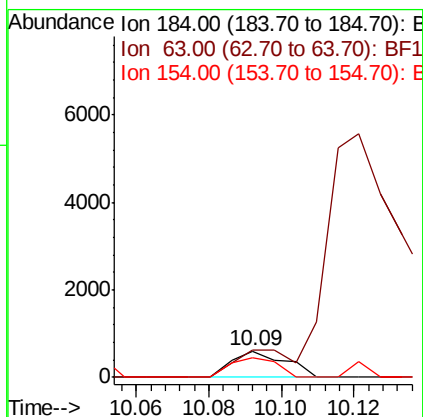
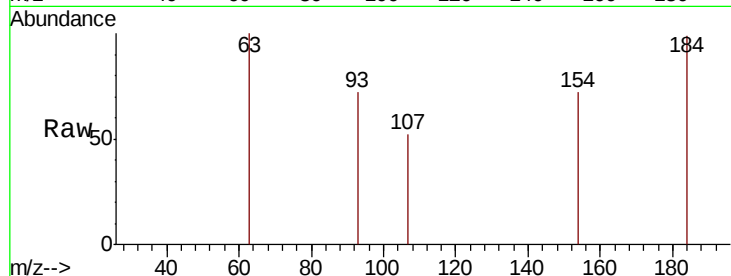




#54  
2,4-Dinitrophenol  
Concen: 5.687 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. 0.03 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

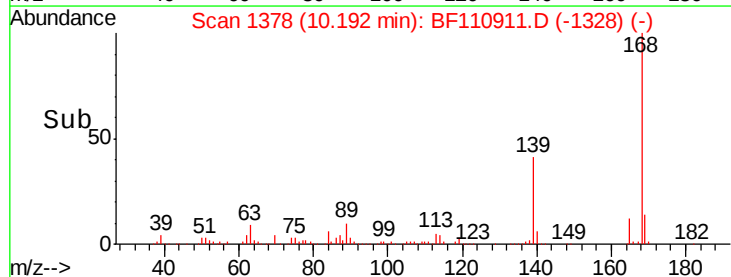
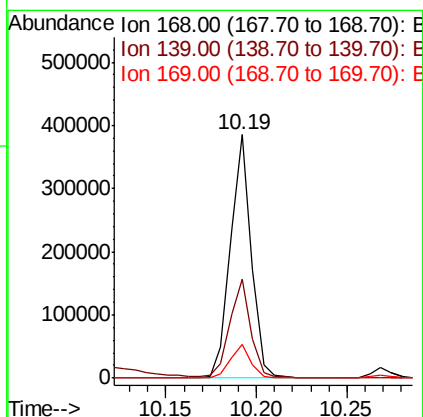
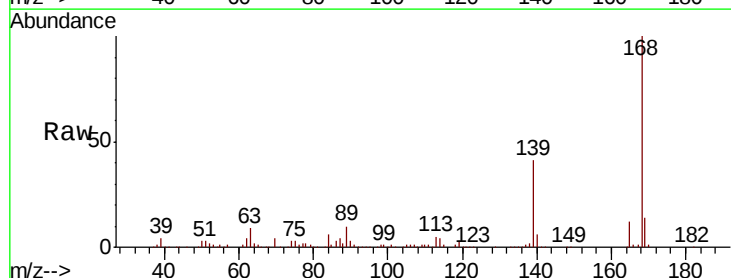
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

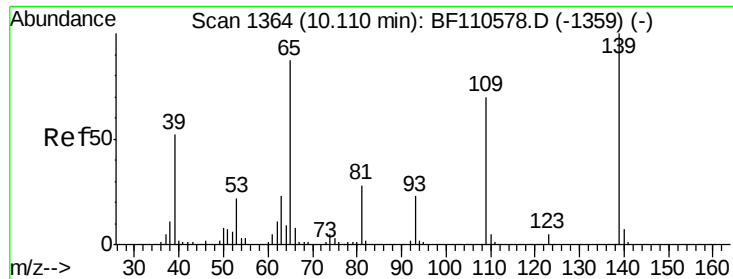
Tgt Ion:184 Resp: 614  
Ion Ratio Lower Upper  
184 100  
63 101.5 55.8 83.6#  
154 72.7 63.2 94.8



#55  
Dibenzofuran  
Concen: 38.764 ng  
RT: 10.19 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:168 Resp: 311036  
Ion Ratio Lower Upper  
168 100  
139 40.6 33.0 49.6  
169 13.6 11.3 16.9

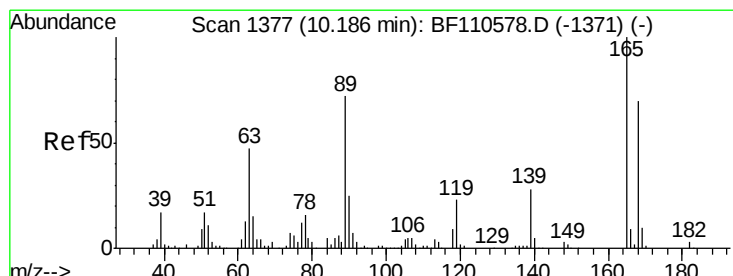
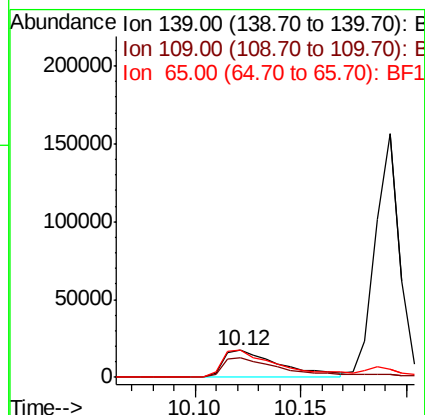
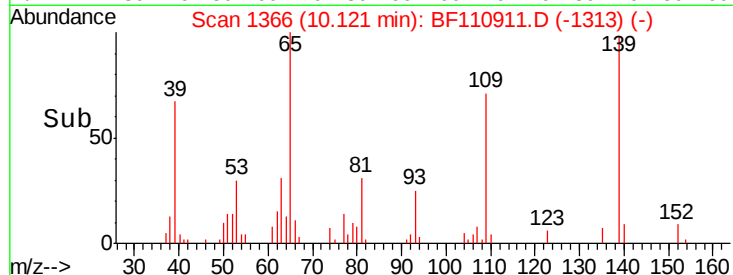
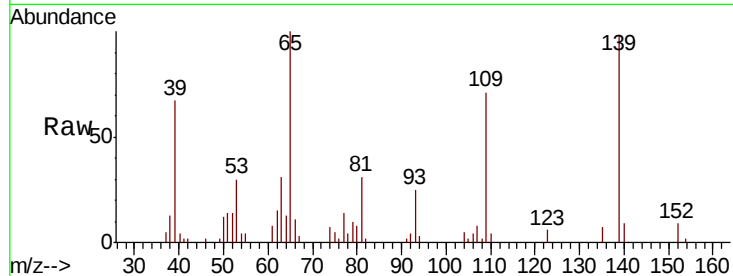




#56  
4-Nitrophenol  
Concen: 28.606 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

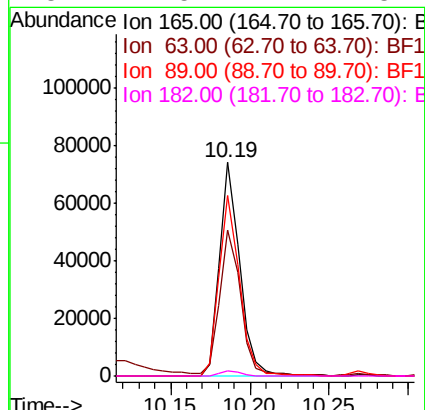
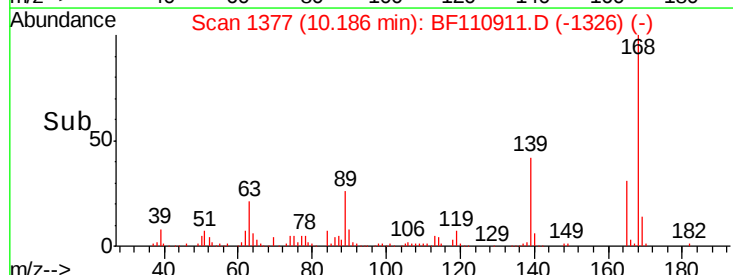
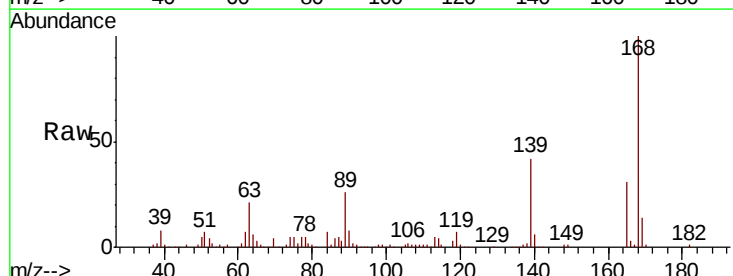
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

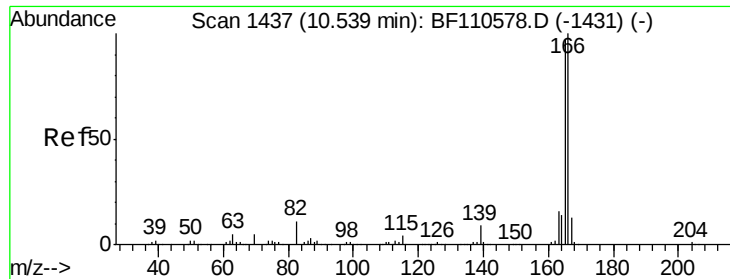
Tgt Ion:139 Resp: 32360  
Ion Ratio Lower Upper  
139 100  
109 72.5 55.8 95.8  
65 102.0 77.9 117.9



#57  
2,4-Dinitrotoluene  
Concen: 34.627 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:165 Resp: 66263  
Ion Ratio Lower Upper  
165 100  
63 68.1 44.8 67.2#  
89 84.7 62.2 93.4  
182 2.5 2.1 3.1





#58

Fluorene

Concen: 37.481 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

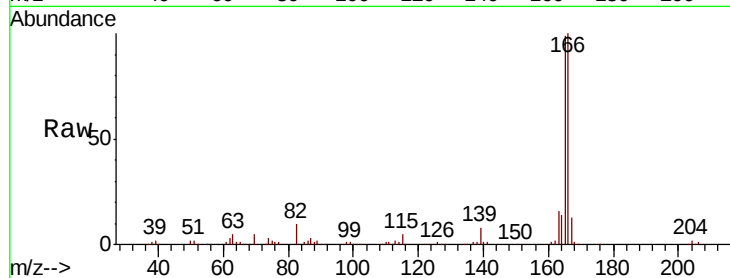
Tgt Ion:166 Resp: 230999

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

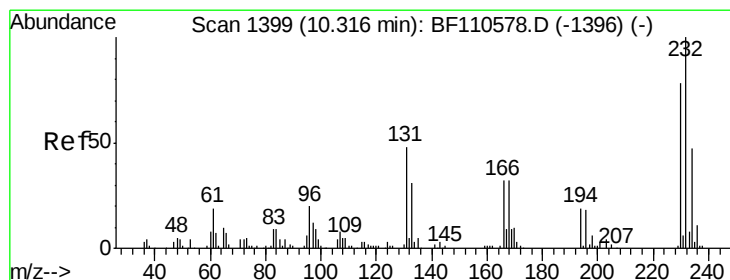
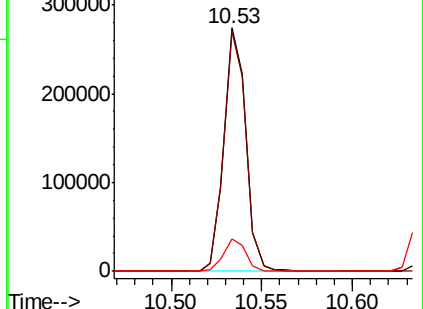
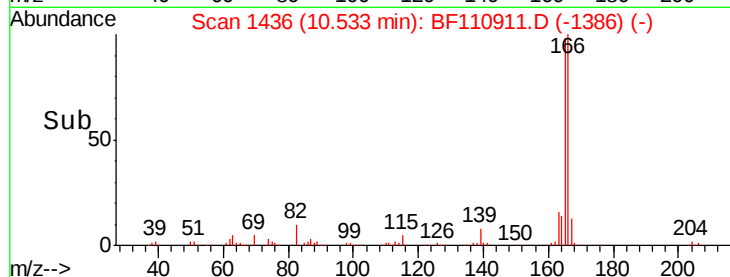
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 33.561 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.05 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Tgt Ion:232 Resp: 50229

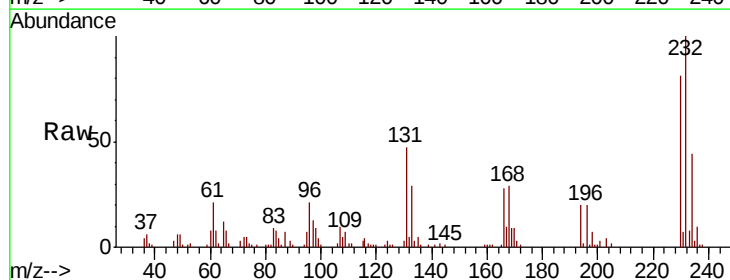
Ion Ratio Lower Upper

232 100

131 45.2 37.0 55.4

130 2.6 1.8 2.6

166 27.9 22.0 33.0

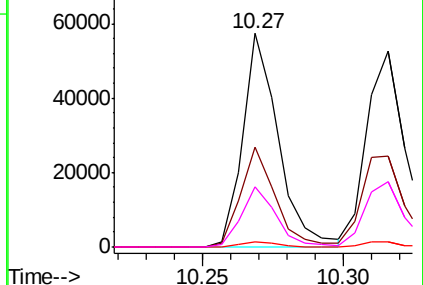
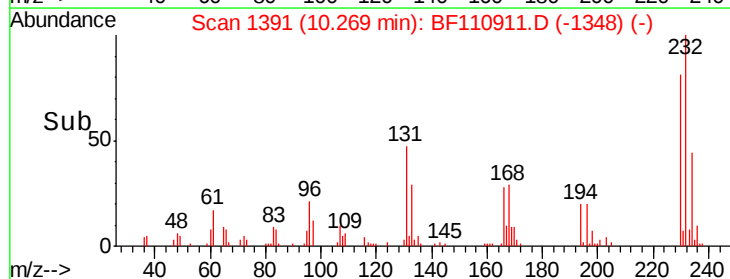


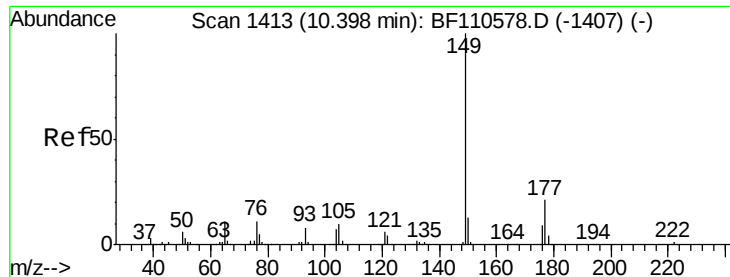
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

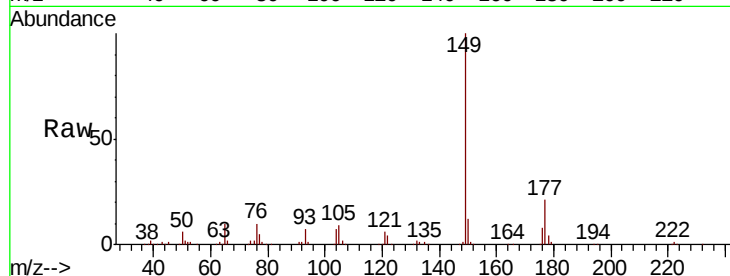




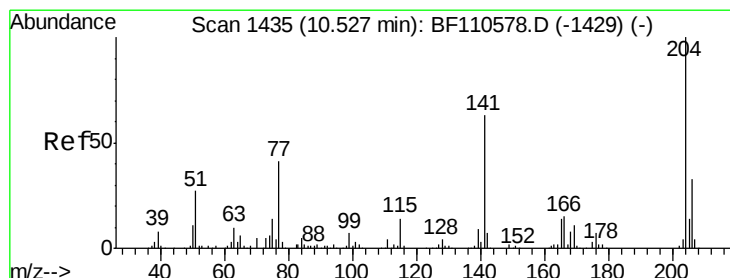
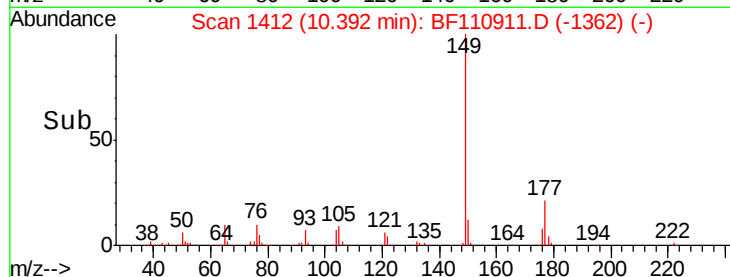
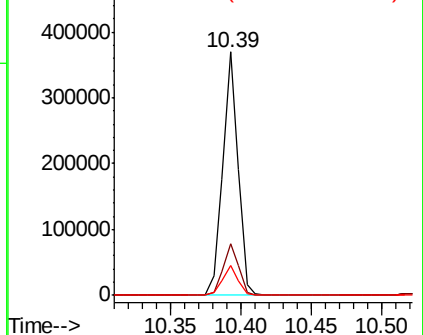
#60  
Diethylphthalate  
Concen: 42.265 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 279752  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.4 26.2  
150 12.3 9.8 14.8

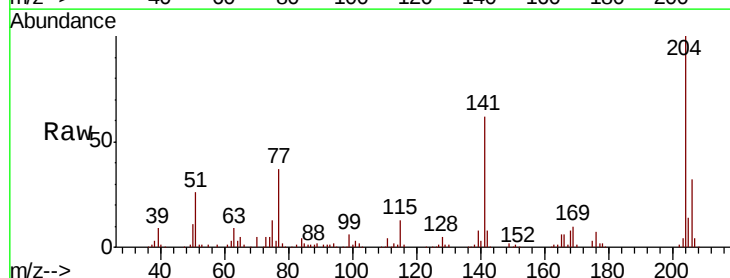


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

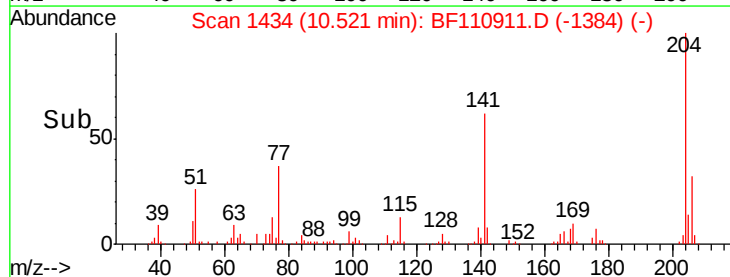
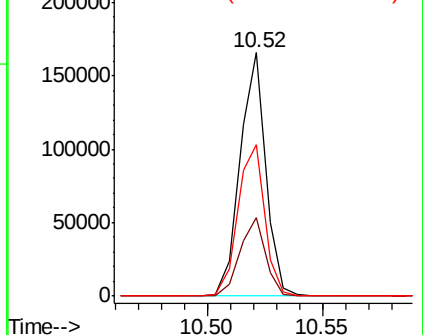


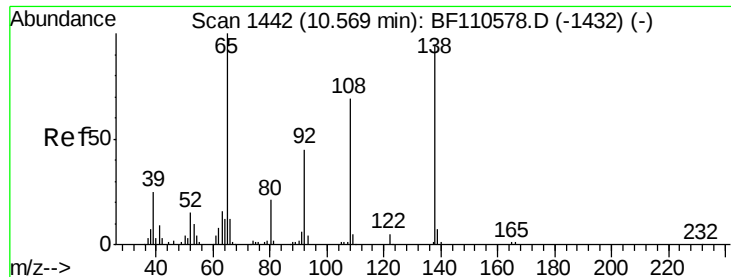
#61  
4-Chlorophenyl-phenylether  
Concen: 40.283 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:204 Resp: 128545  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.5 39.7  
141 62.4 51.8 77.8



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: 35.198 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

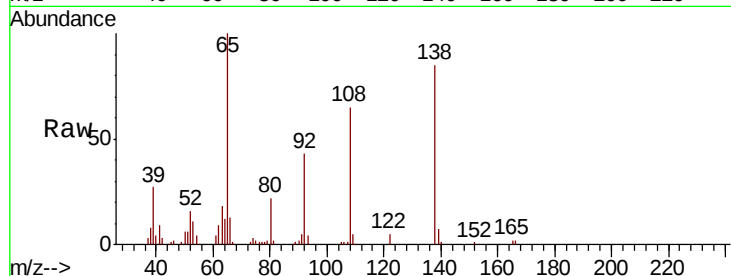
Tgt Ion:138 Resp: 60435

Ion Ratio Lower Upper

138 100

92 50.9 31.7 71.7

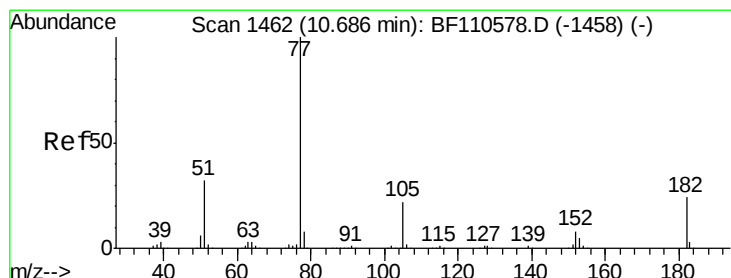
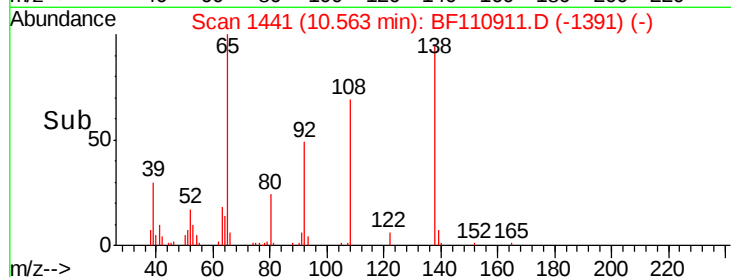
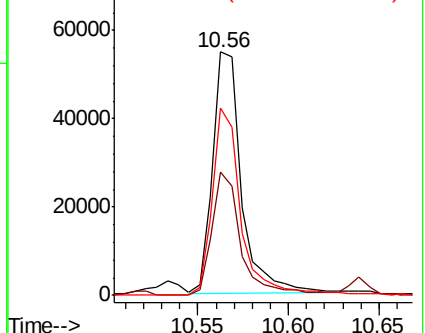
108 76.8 59.3 99.3



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: 37.600 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Tgt Ion: 77 Resp: 242812

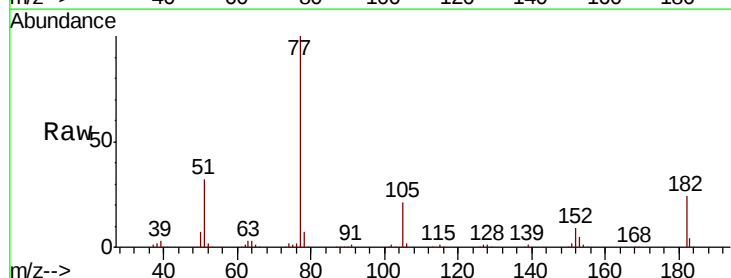
Ion Ratio Lower Upper

77 100

182 24.0 4.3 44.3

105 21.2 1.3 41.3

51 32.2 9.0 49.0

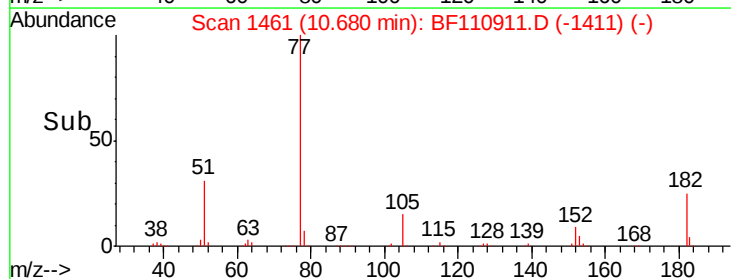
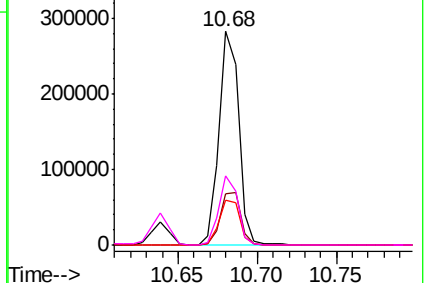


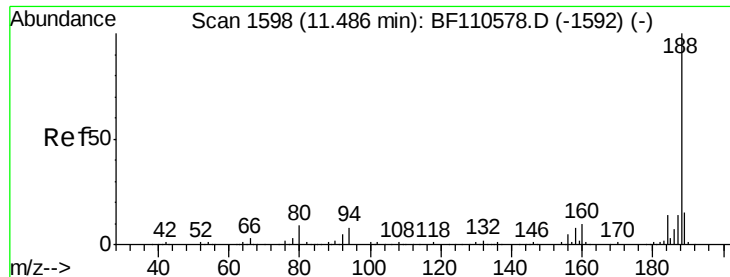
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

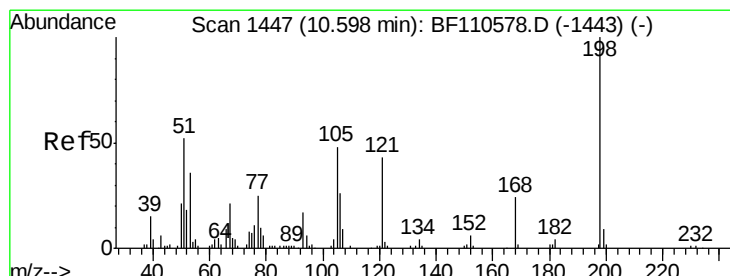
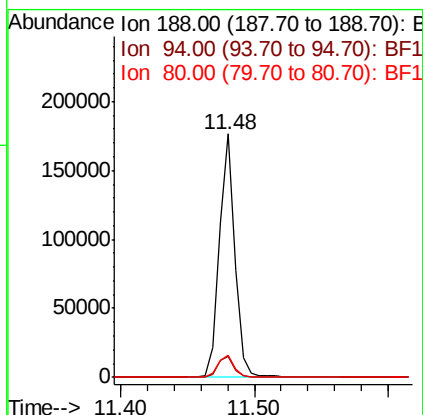
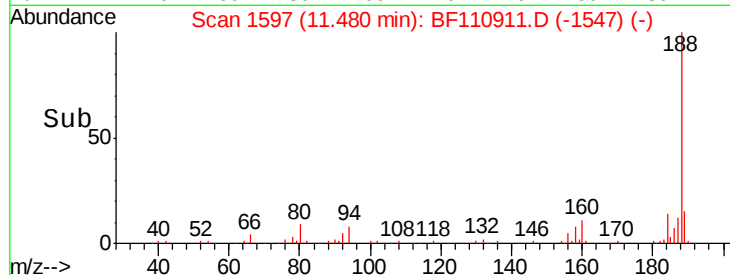
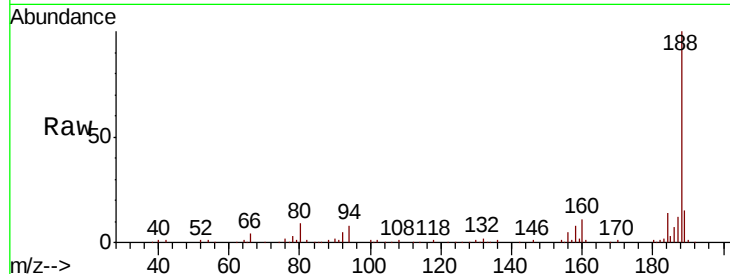




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.48 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

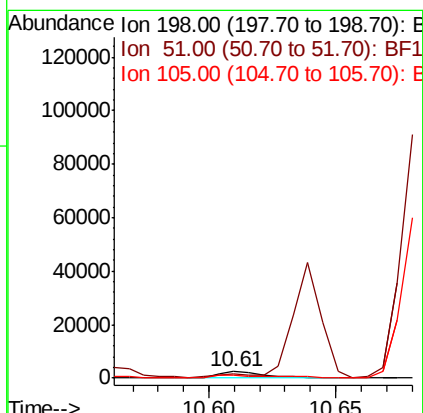
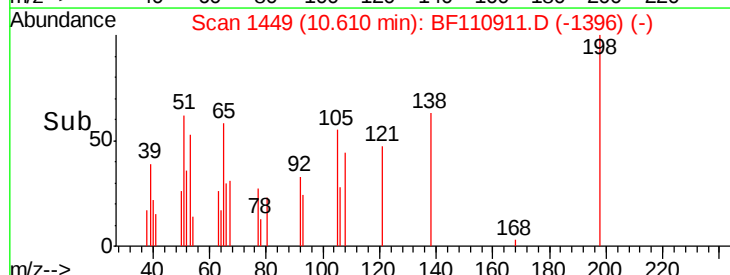
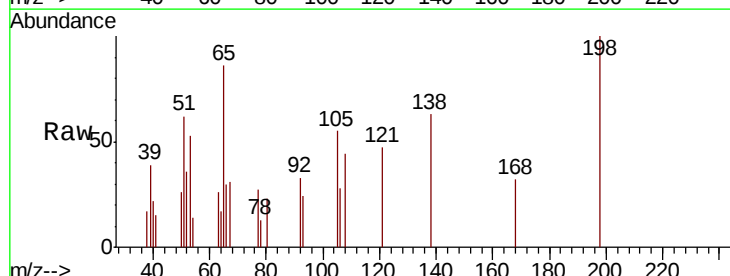
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

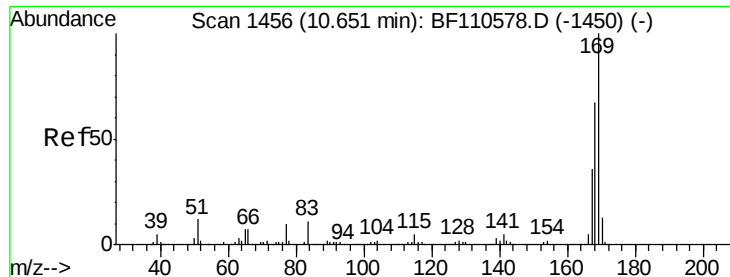
Tgt Ion:188 Resp: 145789  
 Ion Ratio Lower Upper  
 188 100  
 94 8.4 7.2 10.8  
 80 9.0 7.9 11.9



#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 4.370 ng  
 RT: 10.61 min Scan# 1449  
 Delta R.T. 0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:198 Resp: 3211  
 Ion Ratio Lower Upper  
 198 100  
 51 61.7 22.8 62.8  
 105 55.0 23.6 63.6

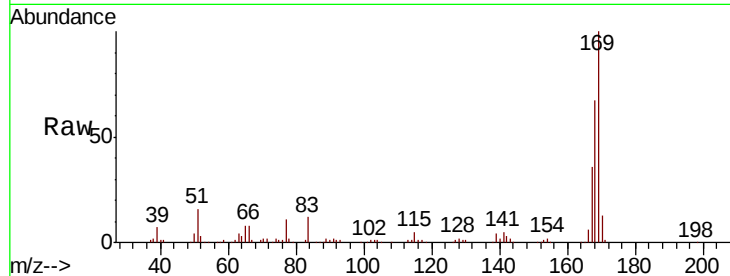




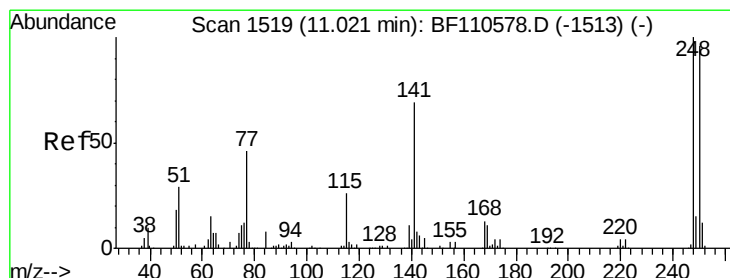
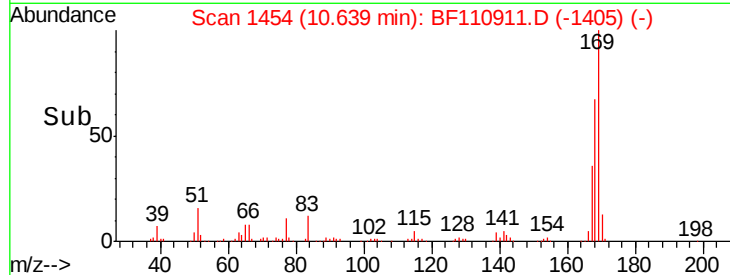
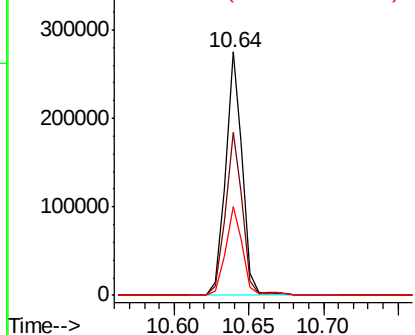
#66  
 n-Nitrosodiphenylamine  
 Concen: 44.305 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:169 Resp: 217718  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 51.2 76.8  
 167 36.5 27.8 41.6

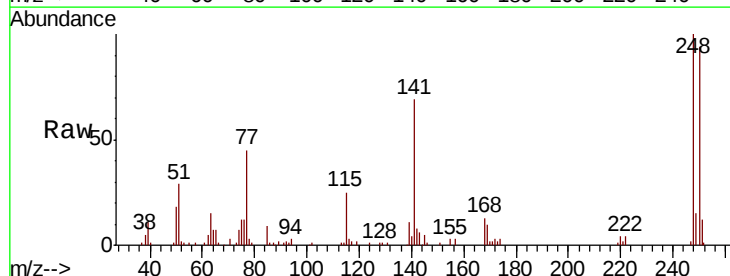


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

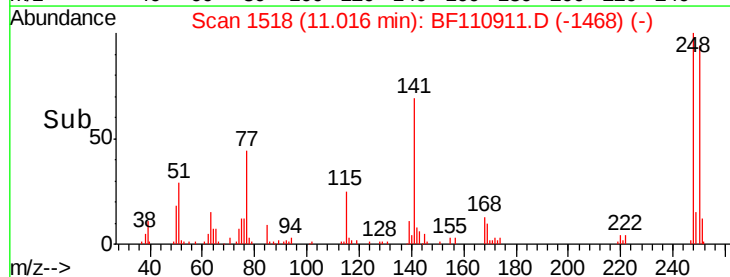
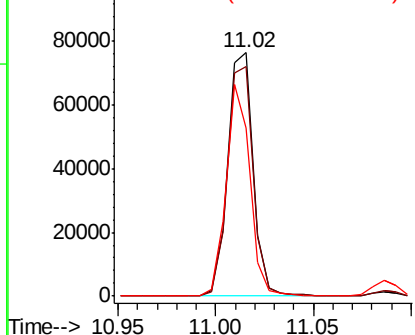


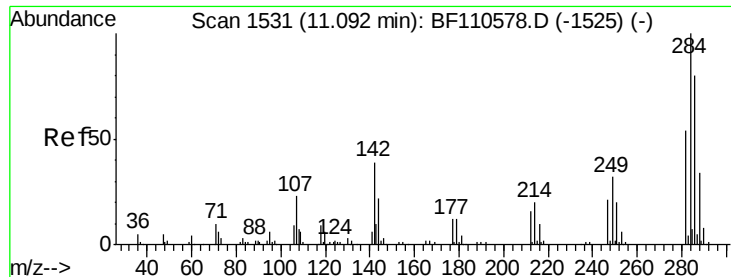
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.957 ng  
 RT: 11.02 min Scan# 1518  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:248 Resp: 69215  
 Ion Ratio Lower Upper  
 248 100  
 250 94.4 79.4 119.2  
 141 69.0 55.9 83.9



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: 40.663 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

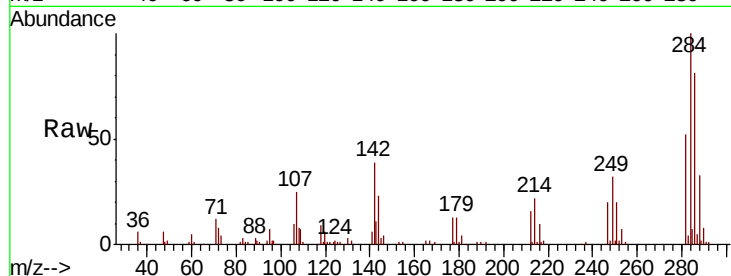
Tgt Ion:284 Resp: 69077

Ion Ratio Lower Upper

284 100

142 39.5 23.9 35.9#

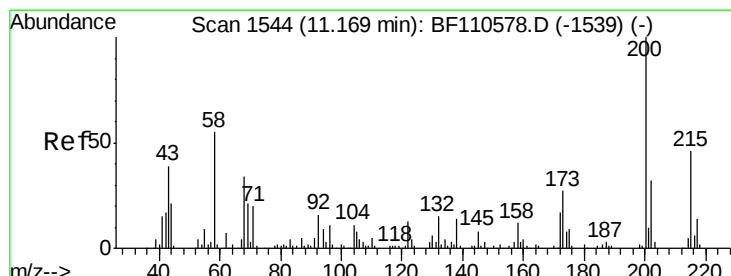
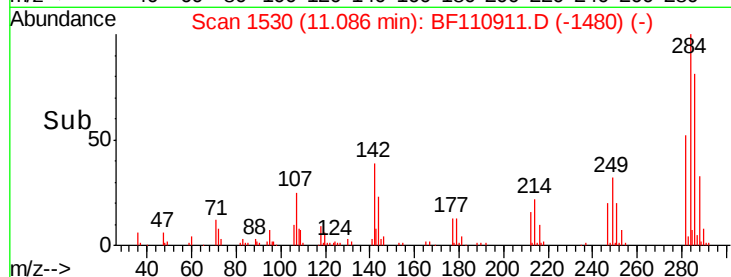
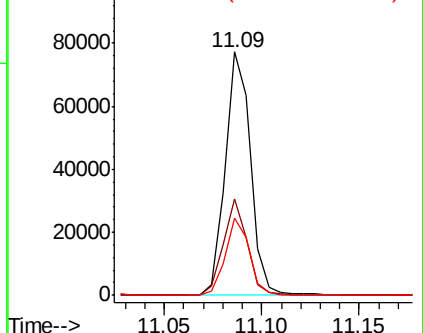
249 31.9 24.2 36.2



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: 39.715 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

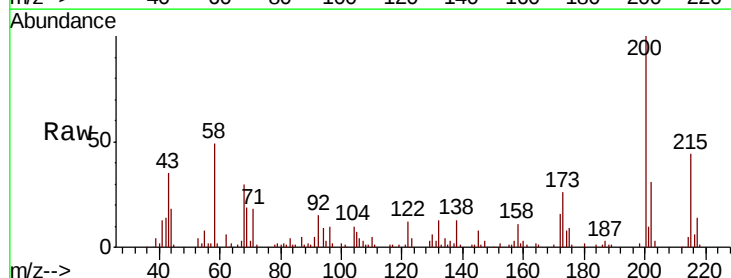
Tgt Ion:200 Resp: 59673

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

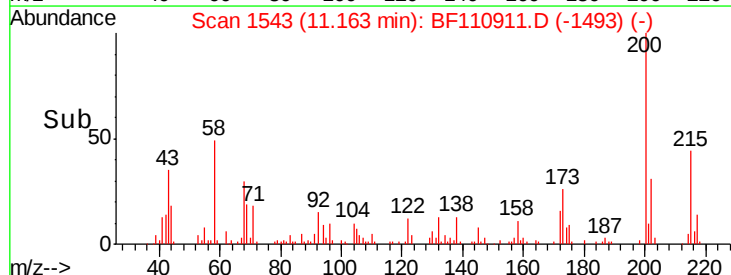
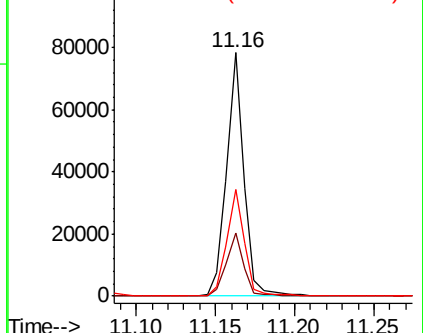
215 43.7 26.3 66.3

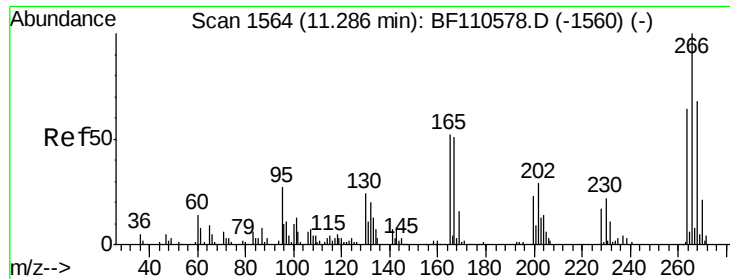


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

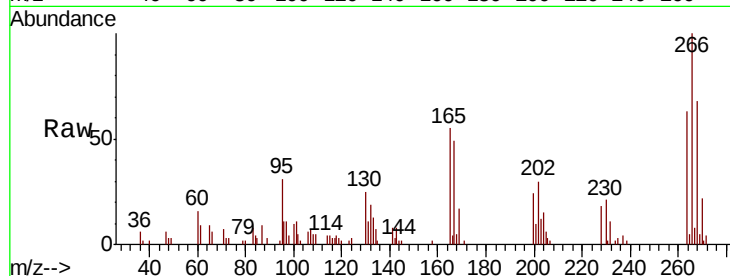




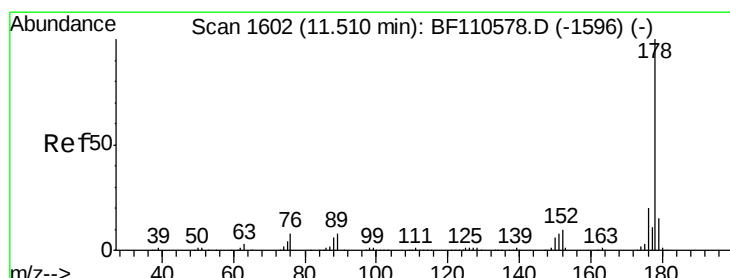
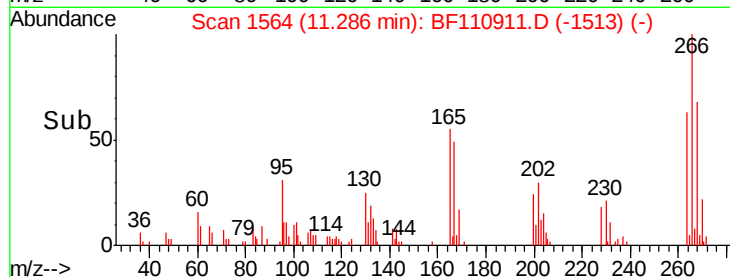
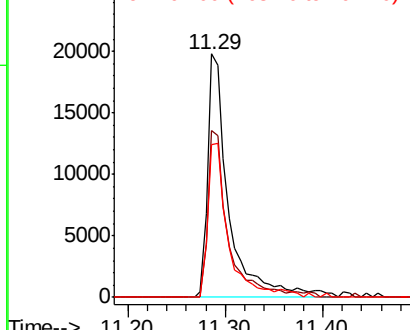
#70  
 Pentachlorophenol  
 Concen: 32.969 ng  
 RT: 11.29 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 29885  
 Ion Ratio Lower Upper  
 266 100  
 268 68.4 50.6 75.8  
 264 62.6 50.6 75.8

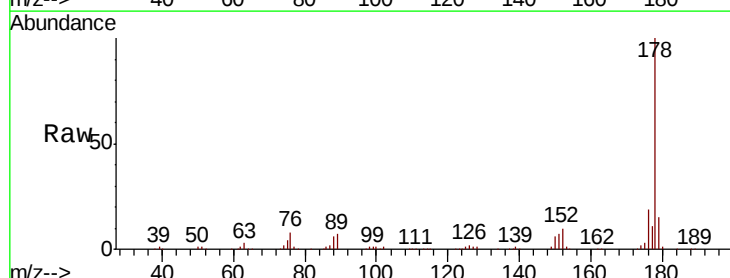


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

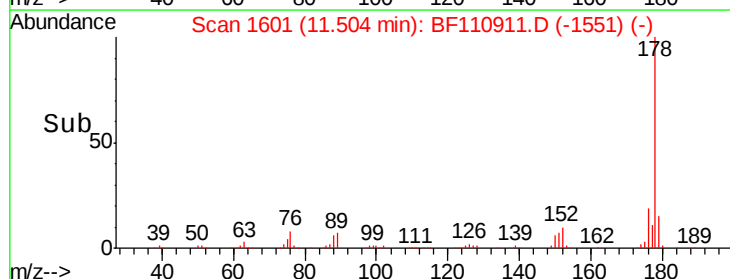
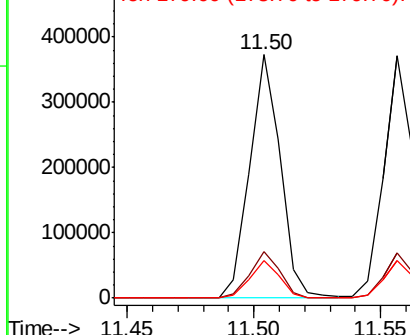


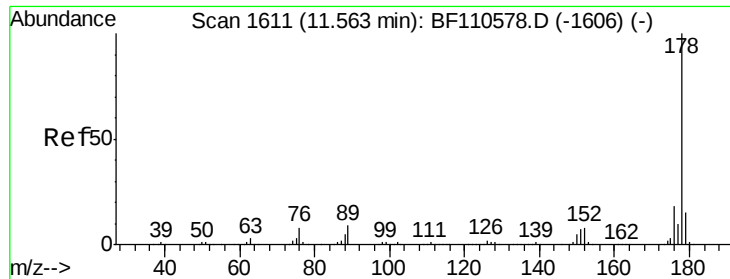
#71  
 Phenanthrene  
 Concen: 40.305 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion:178 Resp: 314806  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.5 23.3  
 179 15.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 40.344 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

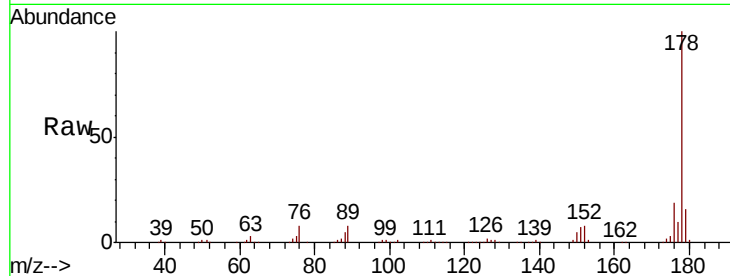
Tgt Ion:178 Resp: 317875

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

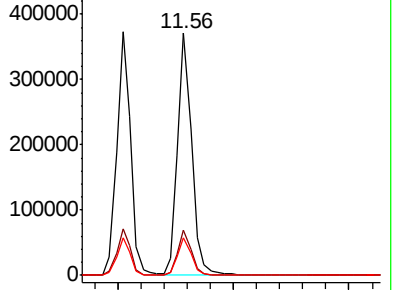
179 15.6 12.6 18.8



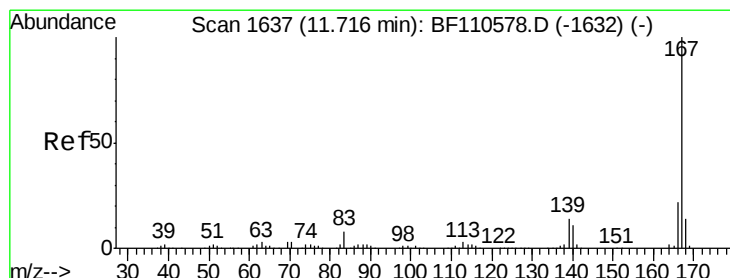
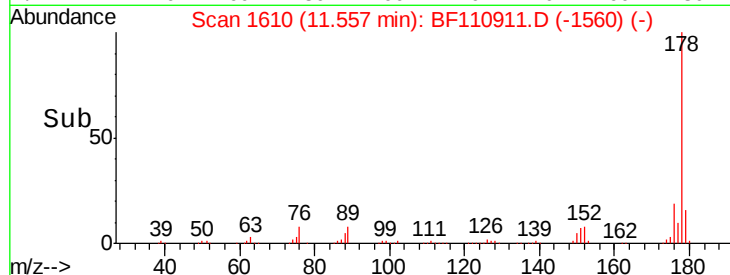
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 40.962 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

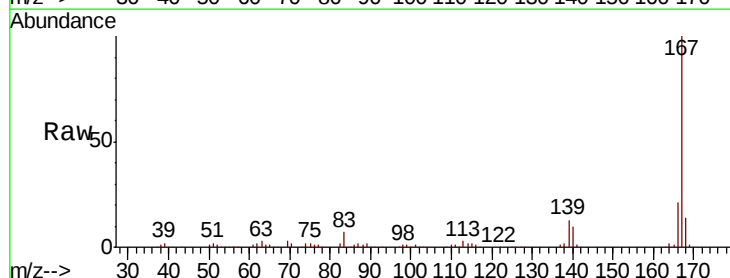
Tgt Ion:167 Resp: 309947

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

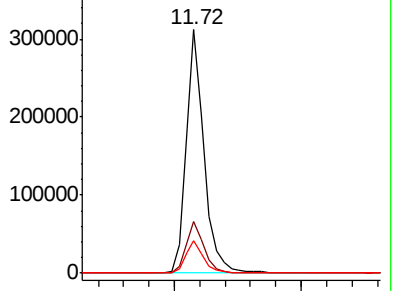
139 13.3 10.9 16.3



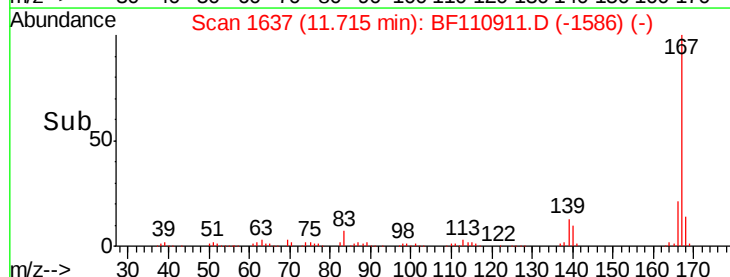
Abundance Ion 167.00 (166.70 to 167.70): E

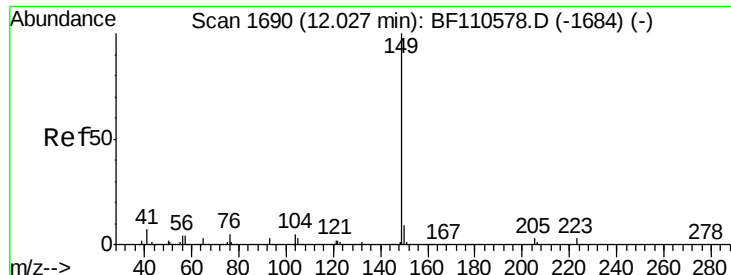
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

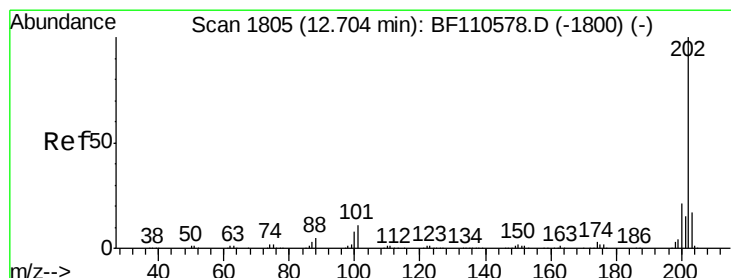
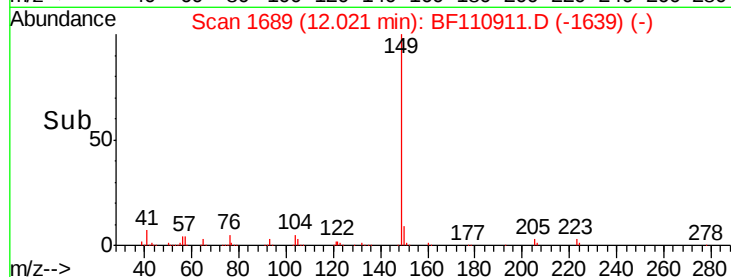
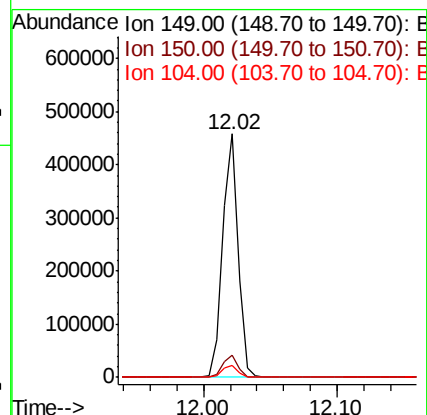
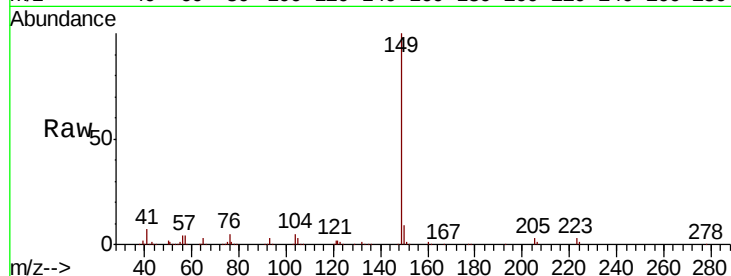




#74  
Di-n-butylphthalate  
Concen: 42.281 ng  
RT: 12.02 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

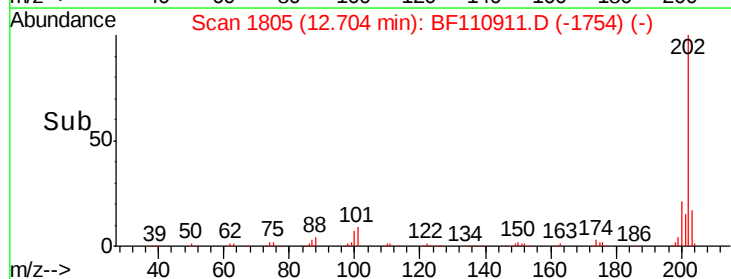
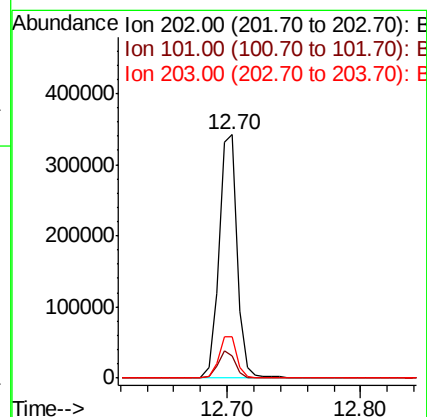
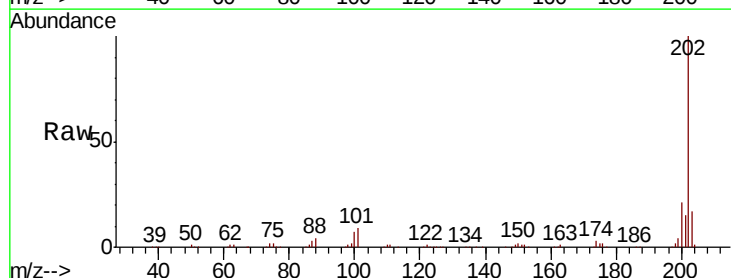
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

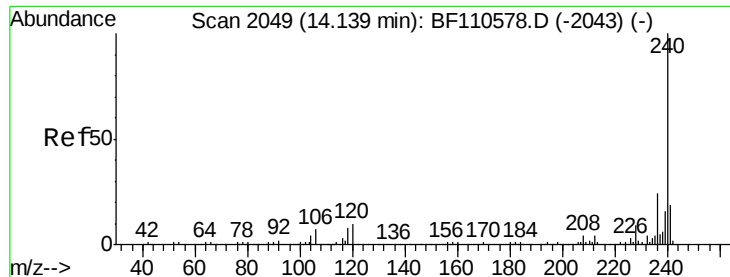
Tgt Ion:149 Resp: 375172  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.7 11.5  
104 4.6 4.2 6.4



#75  
Fluoranthene  
Concen: 42.076 ng  
RT: 12.70 min Scan# 1805  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:202 Resp: 329483  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 31.4  
203 17.2 0.0 37.7

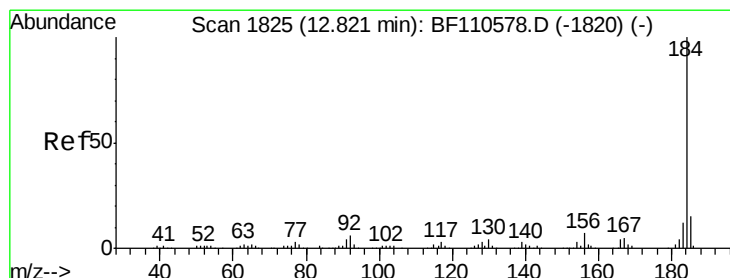
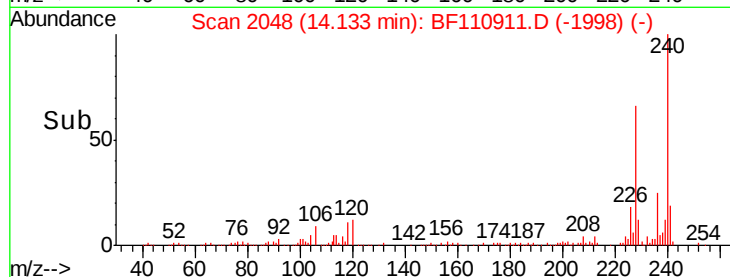
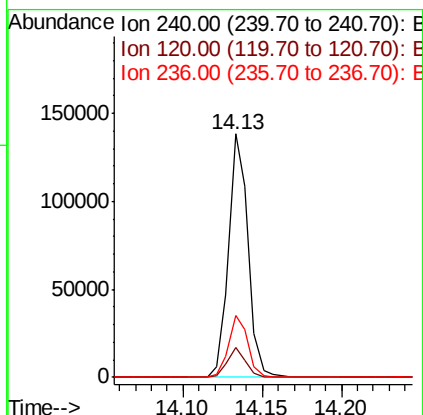
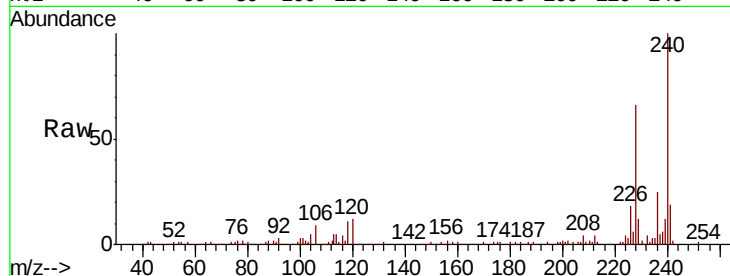




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2048  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

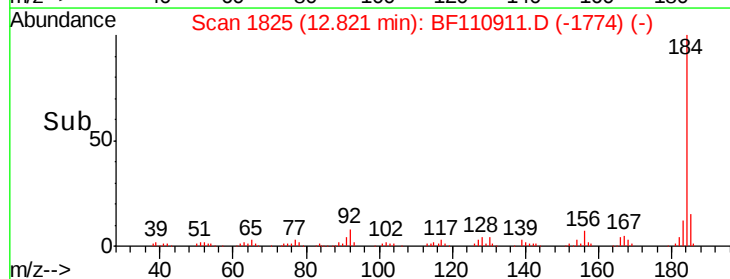
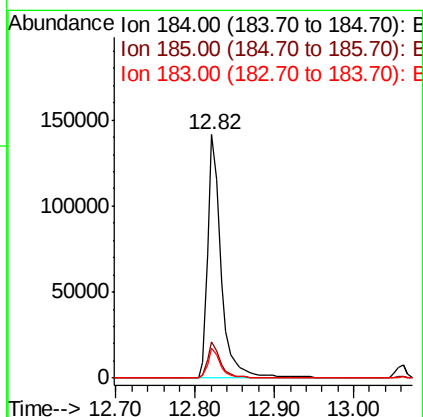
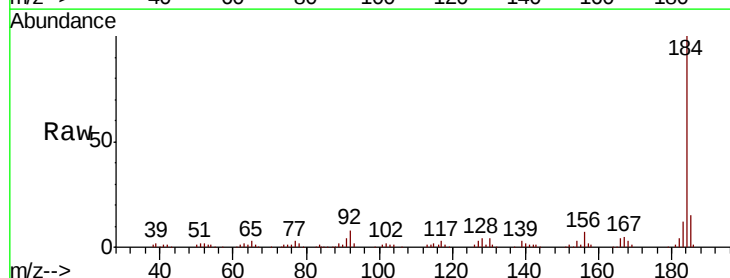
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

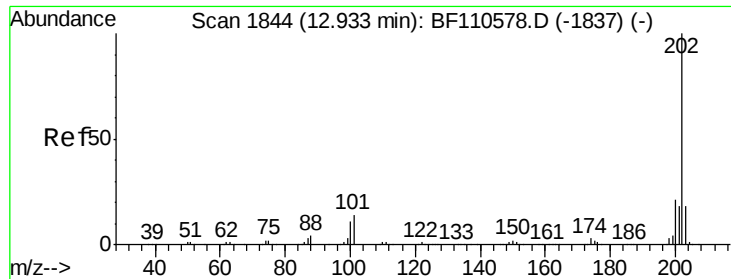
Tgt Ion:240 Resp: 117949  
Ion Ratio Lower Upper  
240 100  
120 12.3 8.3 12.5  
236 25.4 21.2 31.8



#77  
Benzidine  
Concen: 51.963 ng  
RT: 12.82 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:184 Resp: 168550  
Ion Ratio Lower Upper  
184 100  
185 15.1 13.4 20.2  
183 12.0 9.4 14.2

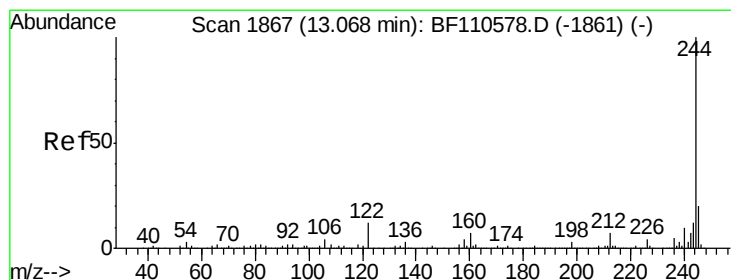
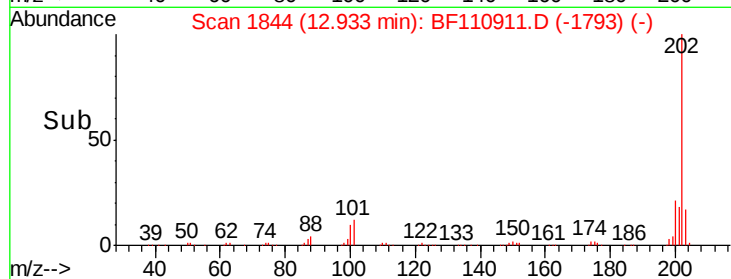
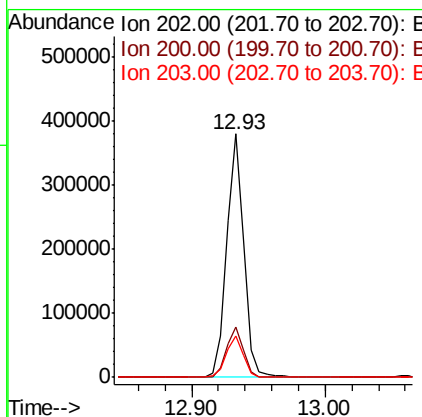
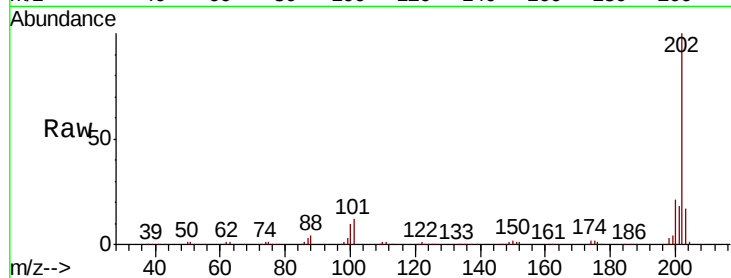




#78  
 Pyrene  
 Concen: 37.880 ng  
 RT: 12.93 min Scan# 1844  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

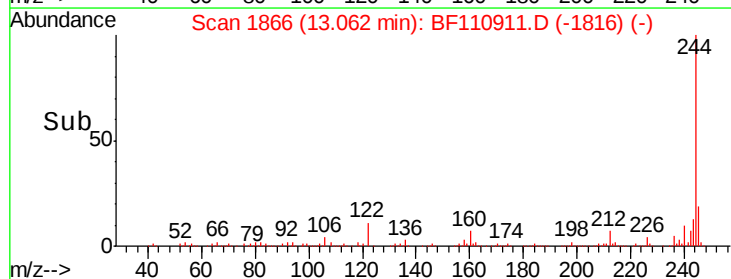
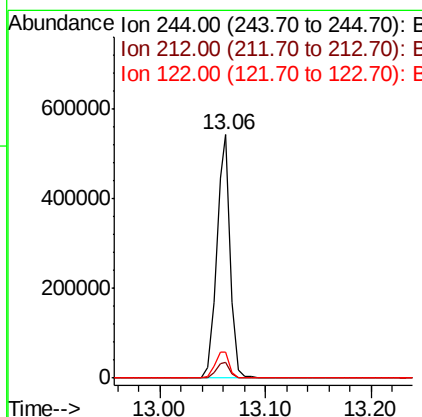
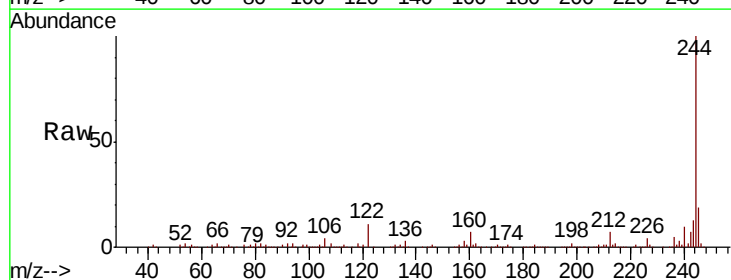
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

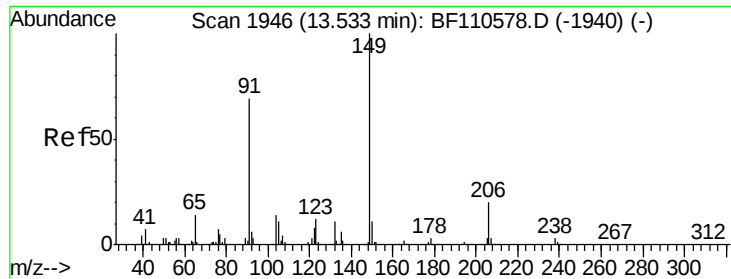
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 17.8  | 26.6  |
| 203     | 17.1  | 14.2  | 21.4  |



#79  
 Terphenyl-d14  
 Concen: 77.747 ng  
 RT: 13.06 min Scan# 1866  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.8   | 8.8   |
| 122     | 10.7  | 8.7   | 13.1  |

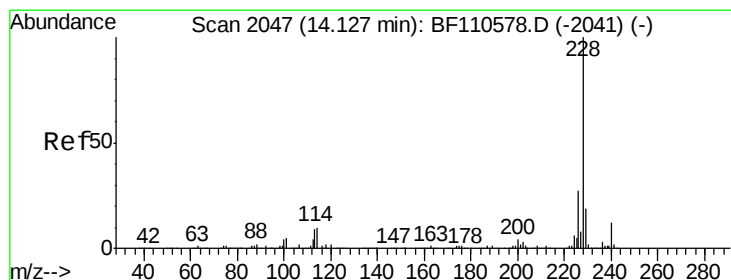
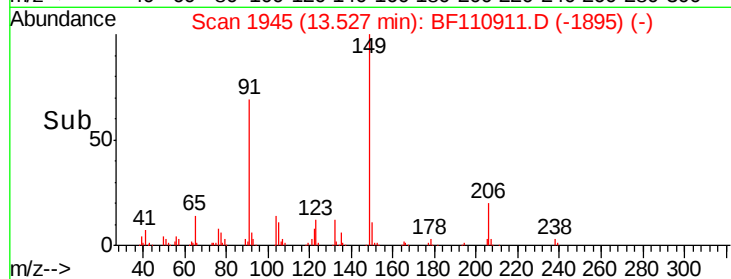
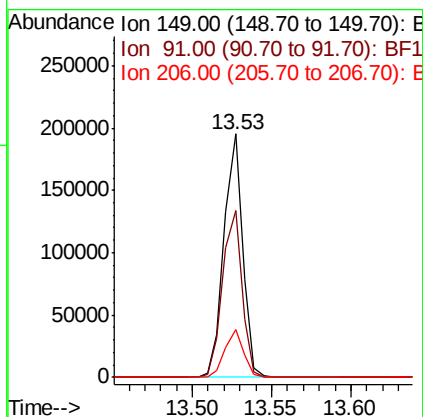
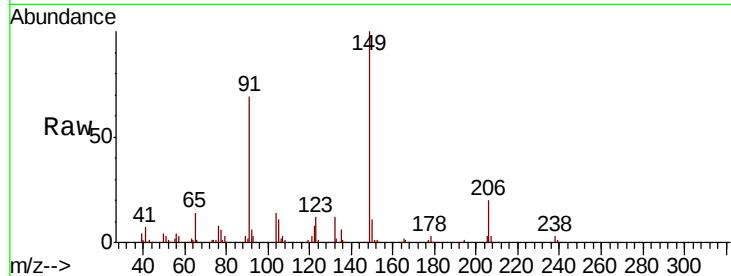




#80  
Butylbenzylphthalate  
Concen: 41.247 ng  
RT: 13.53 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

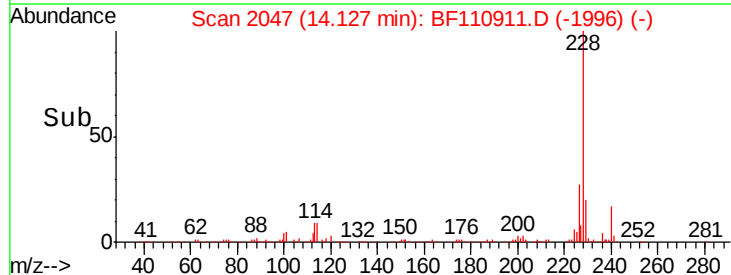
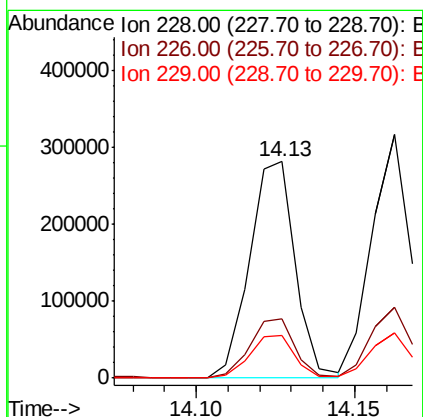
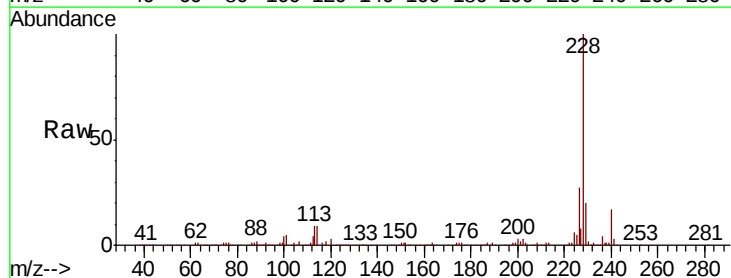
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

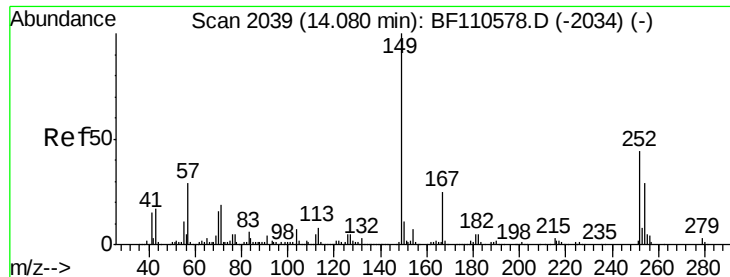
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.5  | 57.2  | 85.8  |
| 206     | 19.6  | 15.7  | 23.5  |



#81  
Benzo(a)anthracene  
Concen: 39.937 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.4  | 22.1  | 33.1  |
| 229     | 19.6  | 15.6  | 23.4  |

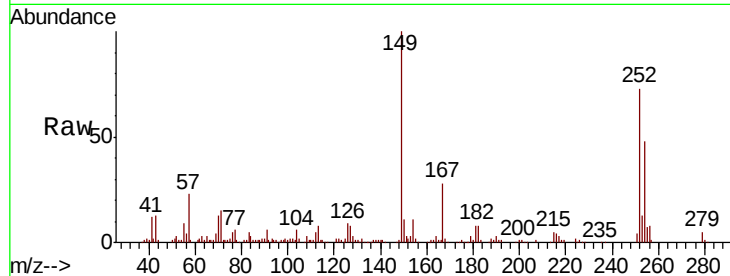




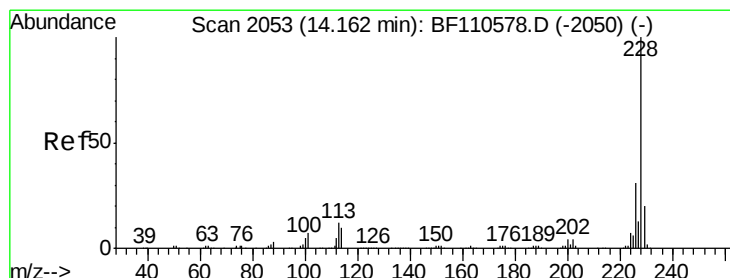
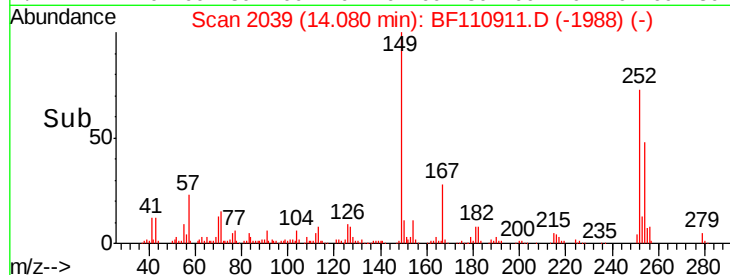
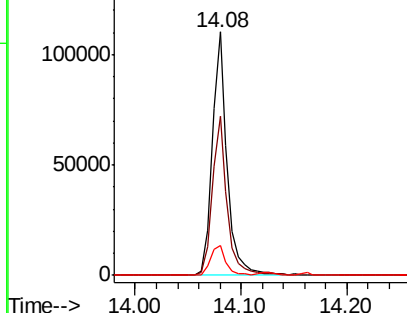
#82  
 3,3'-Dichlorobenzidine  
 Concen: 46.656 ng  
 RT: 14.08 min Scan# 2039  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 252 Resp: 110186  
 Ion Ratio Lower Upper  
 252 100  
 254 65.4 51.3 76.9  
 126 12.2 9.4 14.2

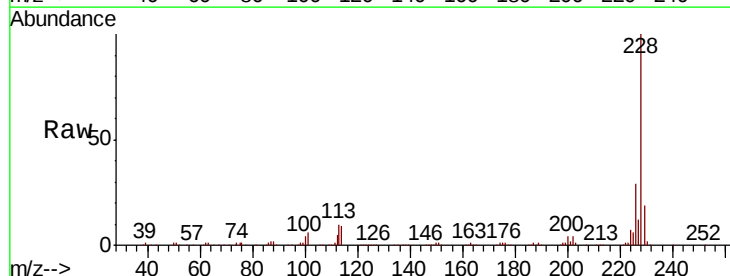


Abundance Ion 252.00 (251.70 to 252.70): E  
 150000 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

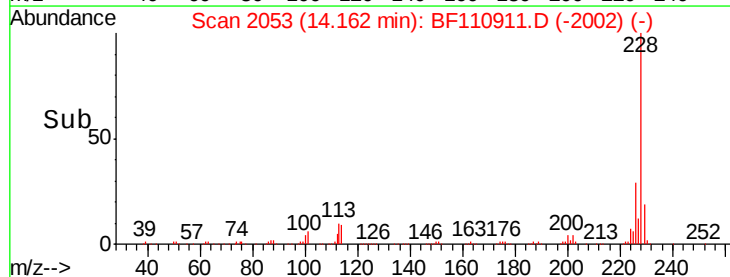
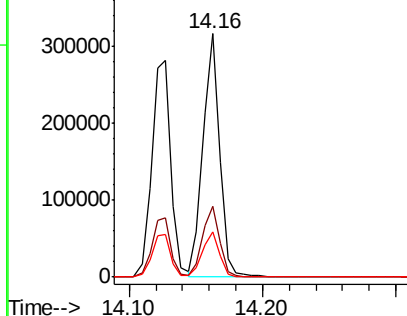


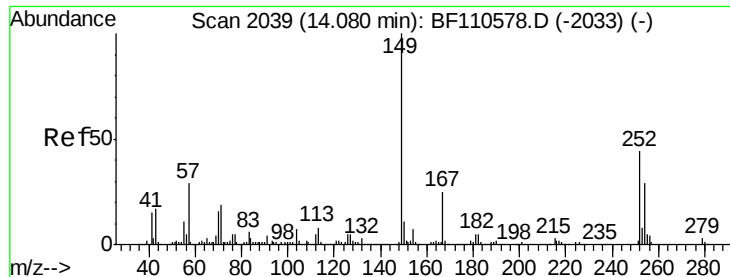
#83  
 Chrysene  
 Concen: 40.755 ng  
 RT: 14.16 min Scan# 2053  
 Delta R.T. -0.00 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Tgt Ion: 228 Resp: 273732  
 Ion Ratio Lower Upper  
 228 100  
 226 29.2 24.7 37.1  
 229 18.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E  
 400000 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

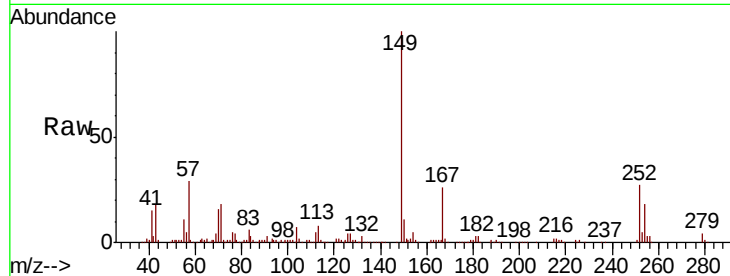




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.925 ng  
 RT: 14.07 min Scan# 2038  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.4  | 19.8  | 29.8  |
| 279     | 3.5   | 2.7   | 4.1   |

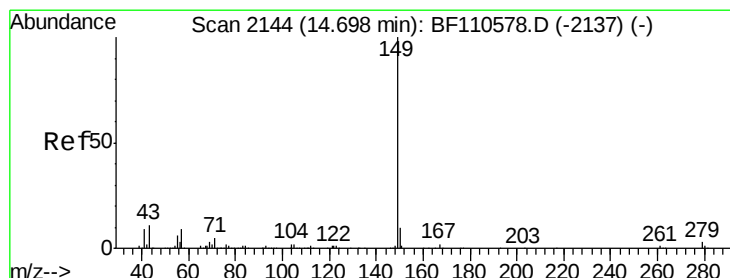
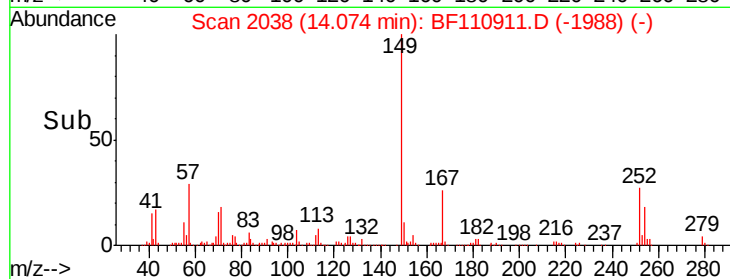
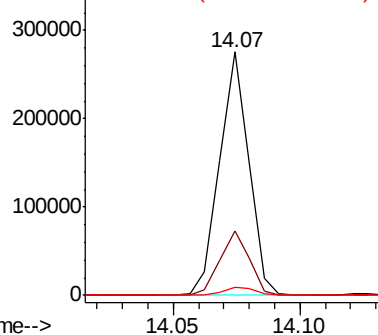


Abundance

Ion 149.00 (148.70 to 149.70): E

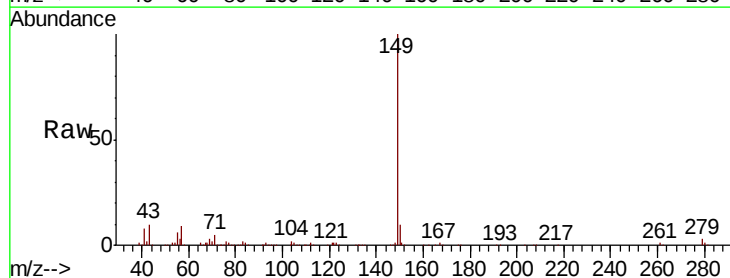
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85  
 Di-n-octyl phthalate  
 Concen: 51.705 ng  
 RT: 14.69 min Scan# 2143  
 Delta R.T. -0.01 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.1   | 1.7   |
| 43      | 10.4  | 7.8   | 11.8  |

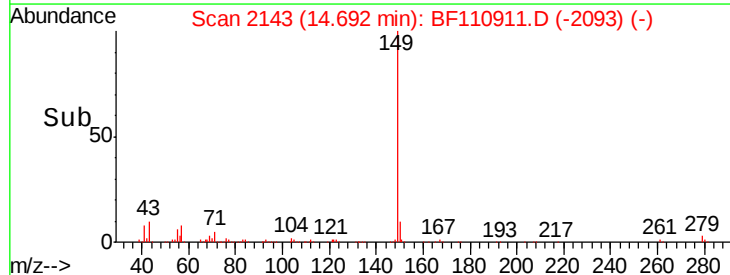
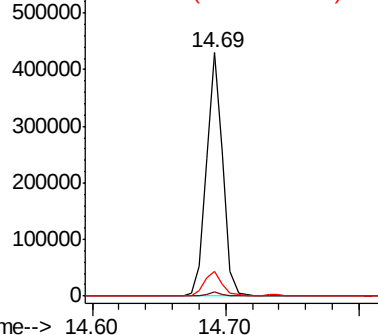


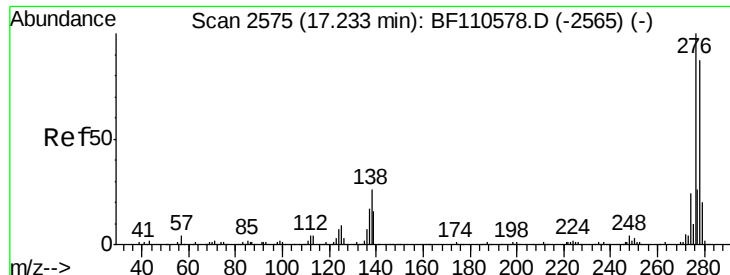
Abundance

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: 35.854 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.02 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

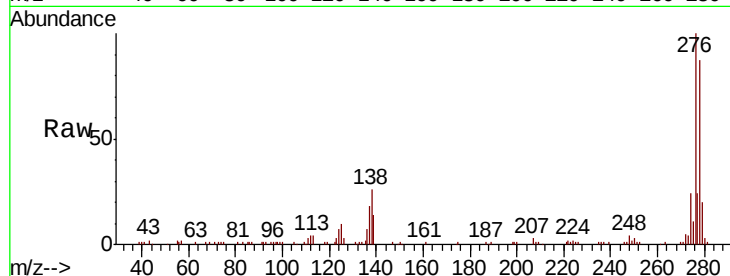
Tgt Ion:276 Resp: 172808

Ion Ratio Lower Upper

276 100

138 25.0 18.5 27.7

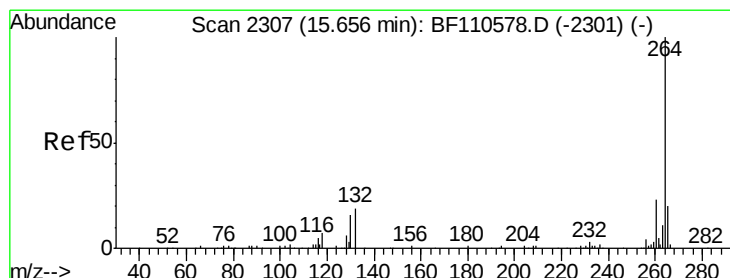
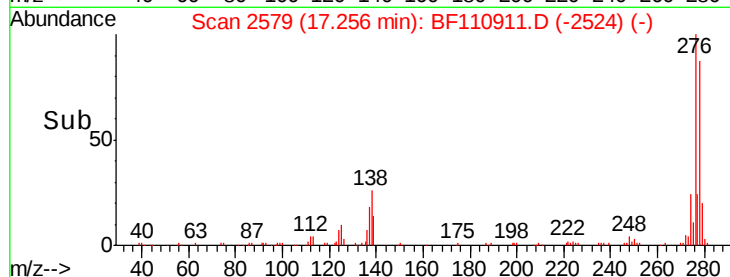
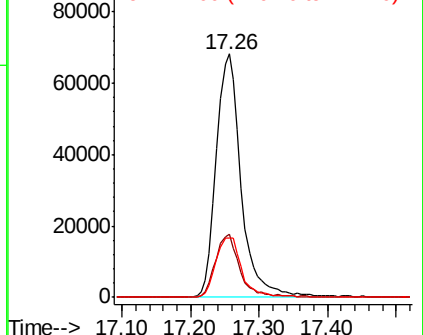
277 25.5 20.0 30.0



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

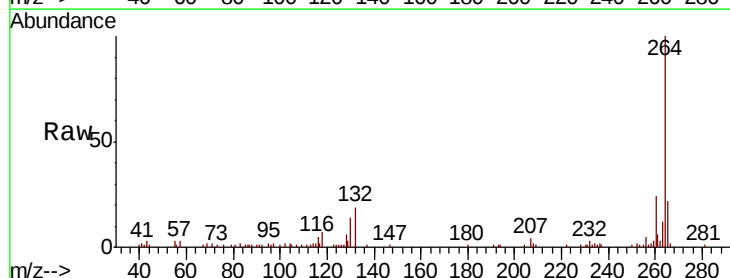
Tgt Ion:264 Resp: 79068

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

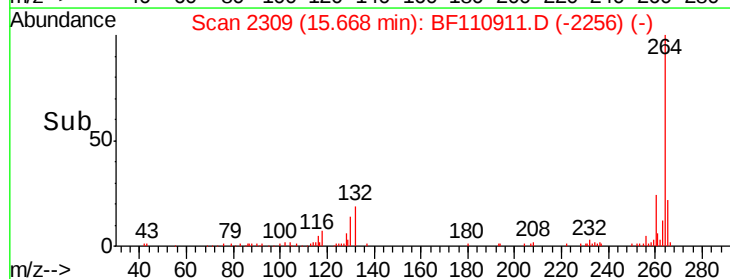
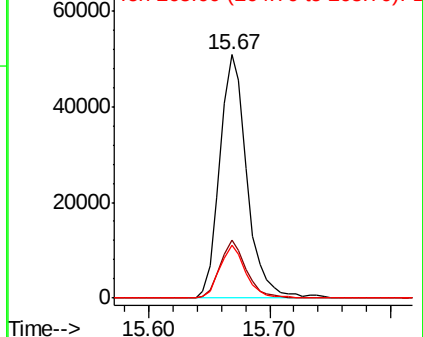
265 21.7 16.7 25.1

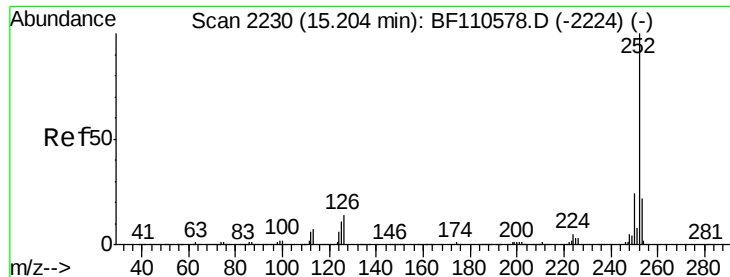


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

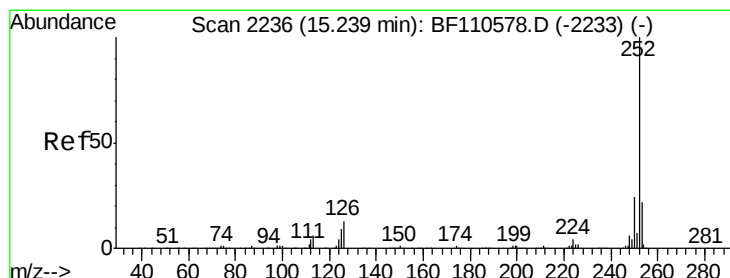
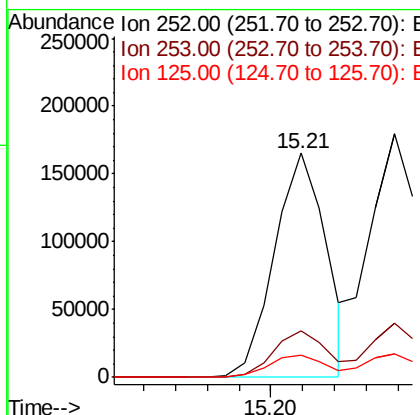
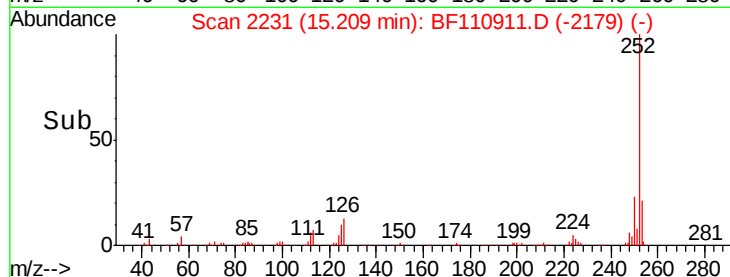
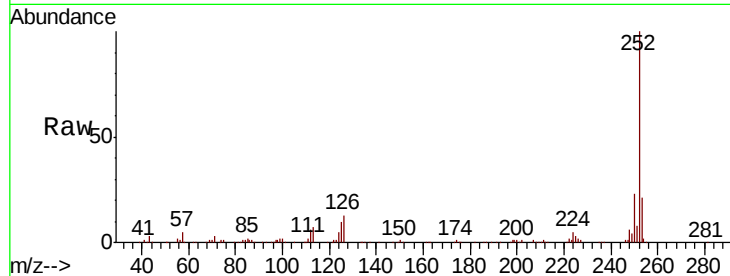




#88  
Benzo(b)fluoranthene  
Concen: 39.709 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. 0.01 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

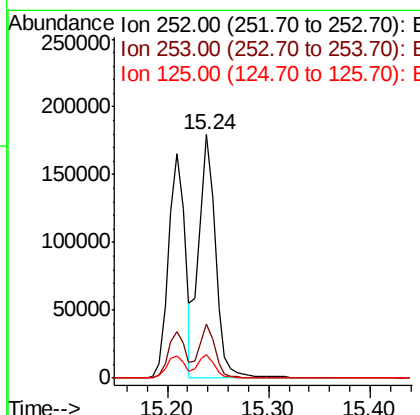
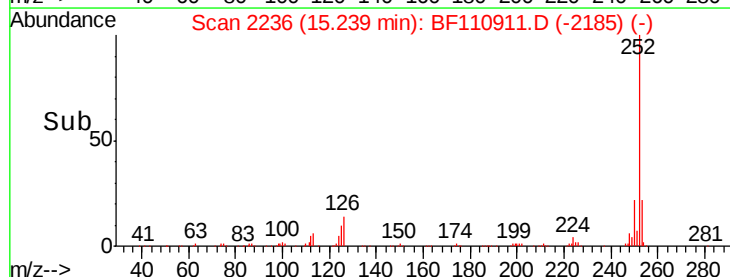
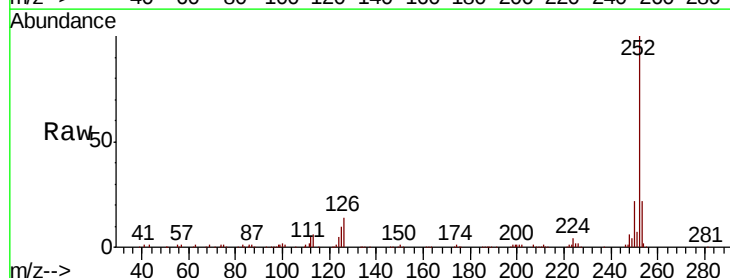
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

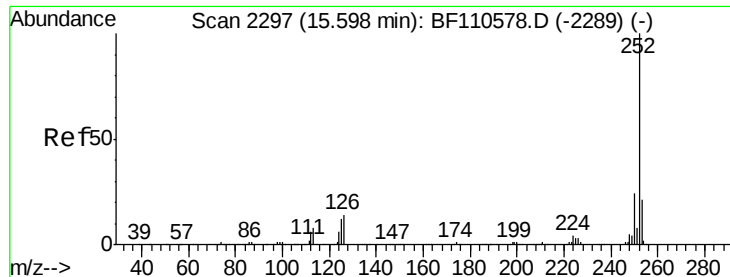
Tgt Ion:252 Resp: 187827  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.2 25.8  
125 10.0 8.2 12.4



#89  
Benzo(k)fluoranthene  
Concen: 44.552 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.00 min  
Lab File: BF110911.D  
Acq: 20 Nov 2018 23:52

Tgt Ion:252 Resp: 208233  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.2 25.8  
125 9.8 7.4 11.0





#90

Benzo(a)pyrene

Concen: 40.267 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

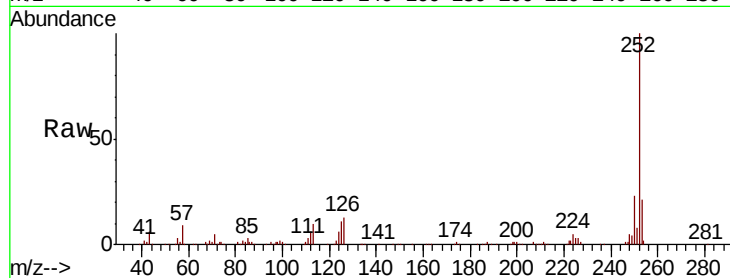
Tgt Ion:252 Resp: 173052

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.4

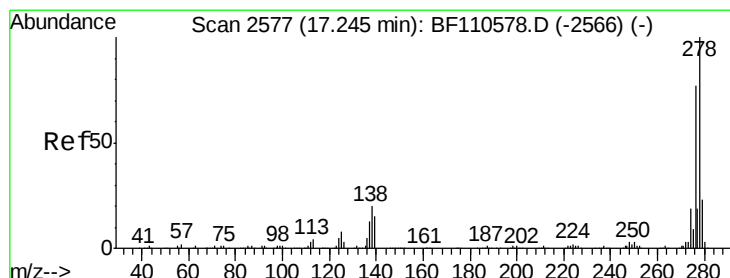
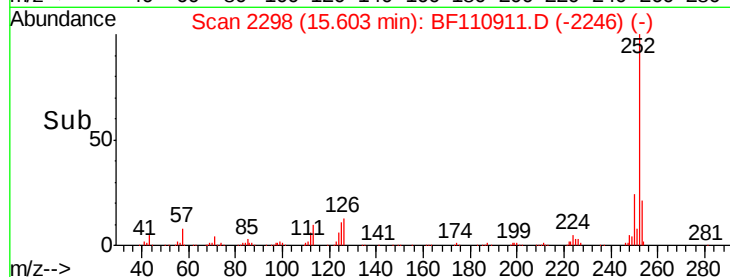
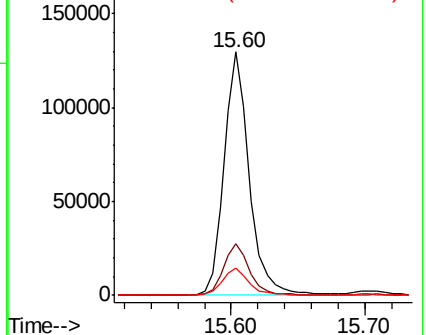
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 40.147 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110911.D

Acq: 20 Nov 2018 23:52

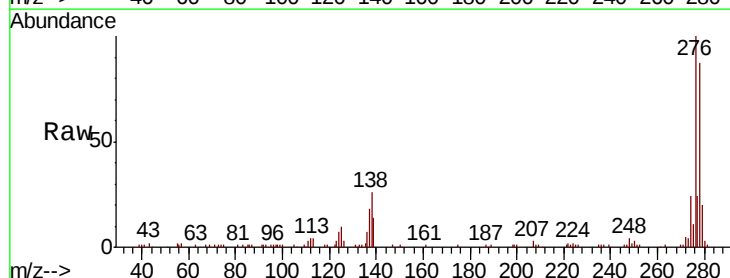
Tgt Ion:278 Resp: 146010

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

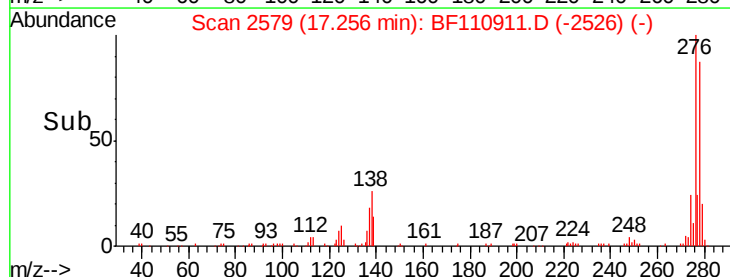
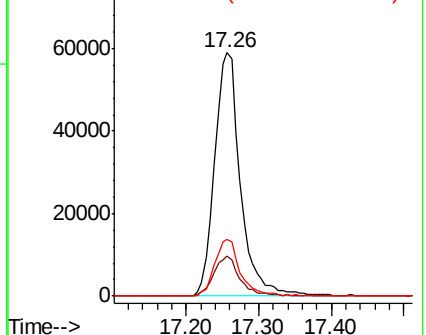
279 23.5 19.0 28.4

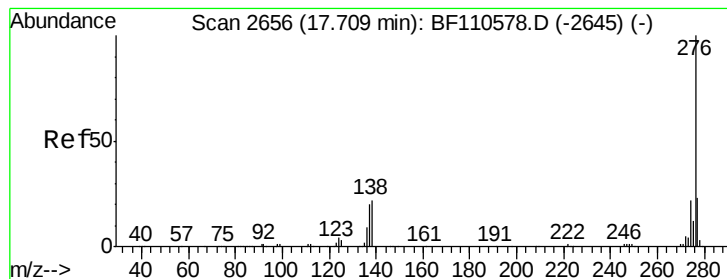


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92  
 Benzo(g,h,i)perylene  
 Concen: 39.071 ng  
 RT: 17.74 min Scan# 2661  
 Delta R.T. 0.03 min  
 Lab File: BF110911.D  
 Acq: 20 Nov 2018 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 140984 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.1  | 18.8  | 28.2   |
| 138      | 20.8  | 16.0  | 24.0   |

