

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF120718\  
 Data File : BF111205.D  
 Acq On : 8 Dec 2018 00:06  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 08 02:54:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 445923   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 1643235  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 841746   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 1138575  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 871879   | 20.00 | ng    | 0.01     |
| 87) Perylene-d12          | 15.39 | 264  | 786238   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 2097923 | 73.41 | ng | 0.00 |
| 7) Phenol-d6             | 6.44  | 99  | 2741126 | 74.46 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 2517806 | 90.71 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 473514  | 70.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 3989339 | 88.28 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 3158931 | 74.20 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.49 | 88  | 658064  | 40.035 | ng | 96     |
| 3) Pyridine                    | 3.23 | 79  | 1458349 | 40.004 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.16 | 42  | 653861  | 36.428 | ng | 84     |
| 6) Aniline                     | 6.47 | 93  | 1846950 | 37.554 | ng | 100    |
| 8) 2-Chlorophenol              | 6.59 | 128 | 1329963 | 40.378 | ng | 97     |
| 9) Benzaldehyde                | 6.35 | 77  | 857754  | 44.465 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 1661839 | 41.403 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 1343910 | 40.967 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 1392785 | 39.760 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 1374725 | 38.997 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 1250442 | 38.132 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 1100458 | 37.730 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 2352281 | 36.862 | ng | 98     |
| 17) 2-Methylphenol             | 7.06 | 107 | 1023016 | 37.837 | ng | 99     |
| 18) Hexachloroethane           | 7.32 | 117 | 505026  | 38.189 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 943583  | 38.143 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 1239731 | 37.594 | ng | # 86   |
| 22) Acetophenone               | 7.22 | 105 | 1639775 | 41.293 | ng | 95     |
| 24) Nitrobenzene               | 7.39 | 77  | 1374645 | 46.036 | ng | 97     |
| 25) Isophorone                 | 7.63 | 82  | 2021372 | 39.683 | ng | 100    |
| 26) 2-Nitrophenol              | 7.70 | 139 | 630139  | 49.944 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 968504  | 40.759 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 1392979 | 40.396 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 971389  | 41.525 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 964321  | 40.841 | ng | 98     |
| 31) Naphthalene                | 8.11 | 128 | 2942503 | 41.128 | ng | 98     |
| 32) Benzoic acid               | 7.85 | 122 | 613470  | 39.151 | ng | 98     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 1363939 | 39.439 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 584667  | 45.565 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 366852  | 42.712 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 1178759 | 46.004 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 2220285 | 44.990 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 2150588 | 45.327 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 965135  | 43.021 | ng | 99     |

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 Acq On : 8 Dec 2018 00:06  
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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

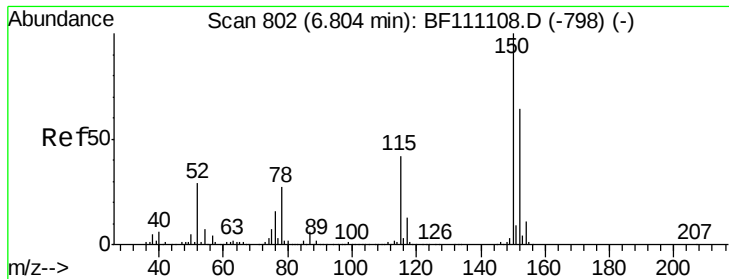
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 08 02:54:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 05 17:30:55 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 302077   | 25.536    | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.08  | 196  | 706189   | 43.100    | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 719119   | 43.295    | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 2833301  | 41.117    | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 2254385  | 42.102    | ng    | 97       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 787877   | 45.404    | ng    | 95       |
| 49) Acenaphthylene             | 9.70  | 152  | 3171176  | 42.369    | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 2494278  | 42.577    | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 591370   | 47.613    | ng    | 90       |
| 52) Acenaphthene               | 9.88  | 154  | 1853551  | 37.486    | ng    | 100      |
| 53) 3-Nitroaniline             | 9.79  | 138  | 676011   | 43.330    | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 88510    | 27.238    | ng    | # 69     |
| 55) Dibenzofuran               | 10.05 | 168  | 2545629  | 37.378    | ng    | 95       |
| 56) 4-Nitrophenol              | 9.94  | 139  | 446910   | 38.014    | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 679502   | 42.360    | ng    | 96       |
| 58) Fluorene                   | 10.39 | 166  | 1632808  | 33.998    | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 482535   | 38.925    | ng    | 94       |
| 60) Diethylphthalate           | 10.27 | 149  | 2035307  | 34.765    | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 826312   | 34.912    | ng    | 94       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 484295   | 34.394    | ng    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 2043275  | 32.782    | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 147635   | 31.386    | ng    | 81       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 1665102  | 41.766    | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 520817   | 43.212    | ng    | 91       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 523775   | 42.500    | ng    | 95       |
| 69) Atrazine                   | 11.03 | 200  | 450239   | Below Cal |       | 97       |
| 70) Pentachlorophenol          | 11.13 | 266  | 324396   | 40.027    | ng    | 97       |
| 71) Phenanthrene               | 11.35 | 178  | 2319098  | 42.345    | ng    | 96       |
| 72) Anthracene                 | 11.40 | 178  | 2300115  | 41.665    | ng    | 97       |
| 73) Carbazole                  | 11.55 | 167  | 2277609  | 39.650    | ng    | 97       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 2931239  | 43.592    | ng    | 99       |
| 75) Fluoranthene               | 12.53 | 202  | 2366782  | 44.163    | ng    | 99       |
| 77) Benzidine                  | 12.65 | 184  | 1023634  | 41.477    | ng    | 99       |
| 78) Pyrene                     | 12.76 | 202  | 2515788  | 37.037    | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 1252677  | 38.175    | ng    | 95       |
| 81) Benzo(a)anthracene         | 13.95 | 228  | 1974029  | 38.643    | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 807510   | 41.887    | ng    | 99       |
| 83) Chrysene                   | 13.99 | 228  | 1995352  | 39.346    | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 1528856  | 38.573    | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 2349220  | 37.703    | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.81 | 276  | 1627016  | 39.959    | ng    | # 85     |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 1789182  | 40.160    | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 1623381  | 37.692    | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 1621069  | 39.669    | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.83 | 278  | 1394977  | 40.678    | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.23 | 276  | 1257092  | 36.479    | ng    | 99       |

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



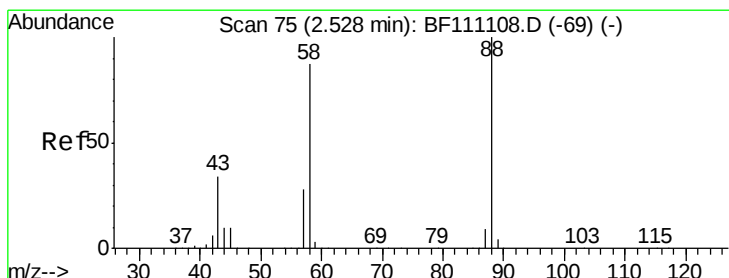
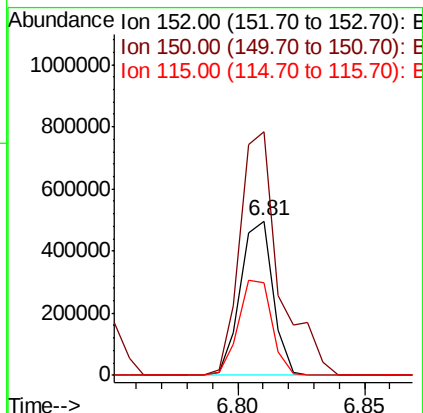
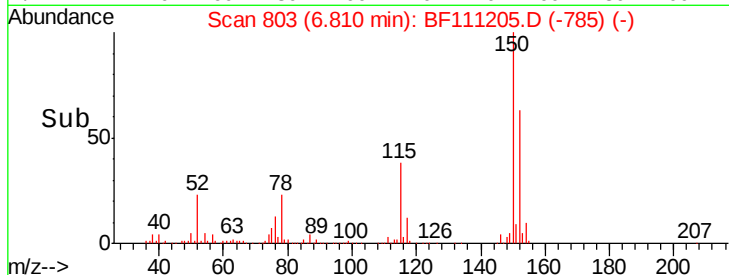
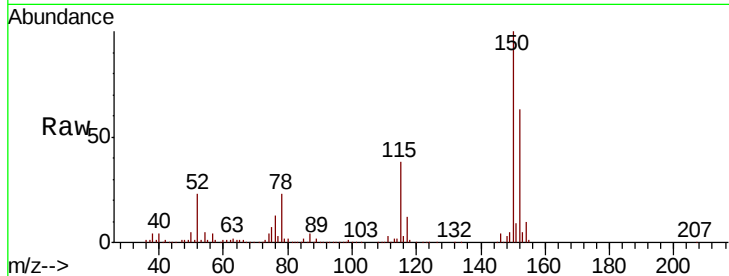


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

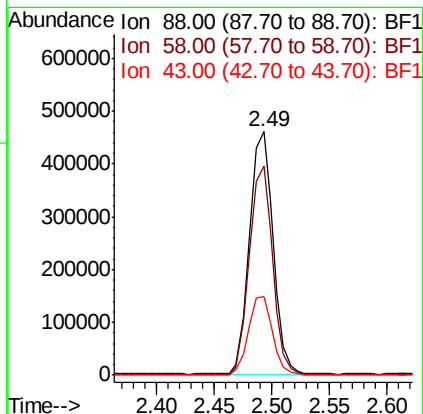
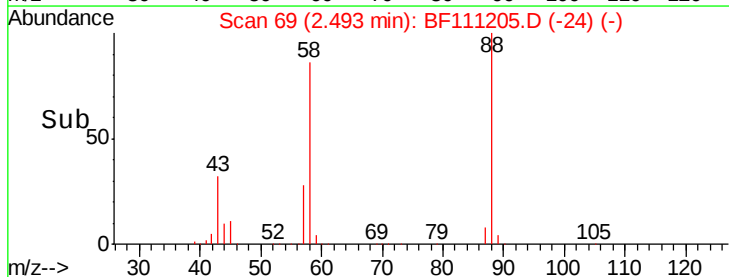
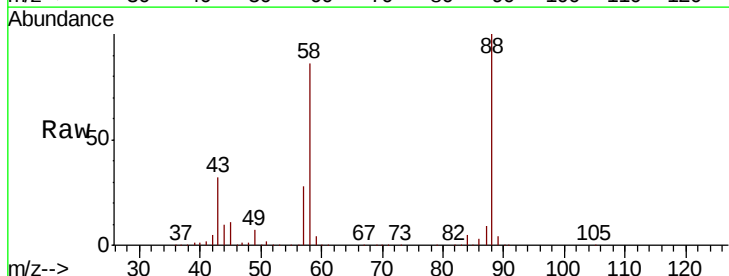
Tgt Ion: 152 Resp: 445923  
Ion Ratio Lower Upper  
152 100  
150 157.8 124.6 187.0  
115 59.9 52.2 78.2

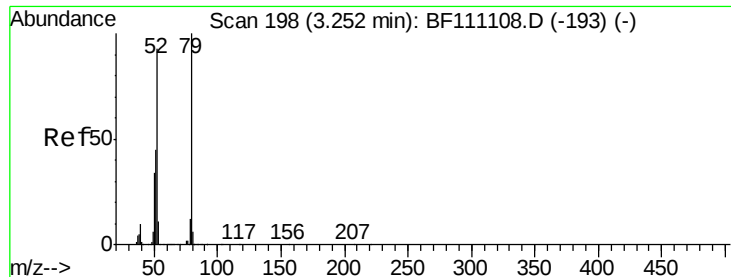


#2

1,4-Dioxane  
Concen: 40.035 ng  
RT: 2.49 min Scan# 69  
Delta R.T. -0.04 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion: 88 Resp: 658064  
Ion Ratio Lower Upper  
88 100  
58 85.0 70.8 106.2  
43 32.7 28.3 42.5

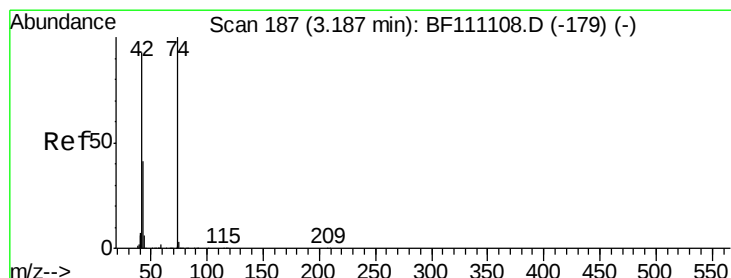
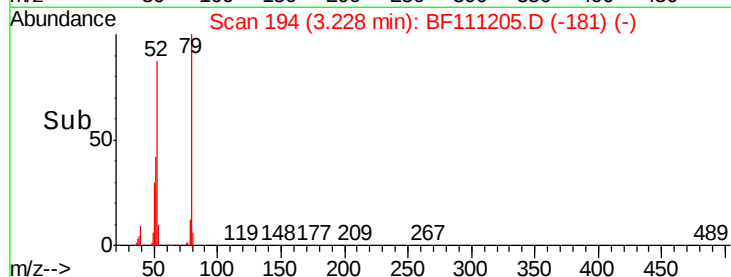
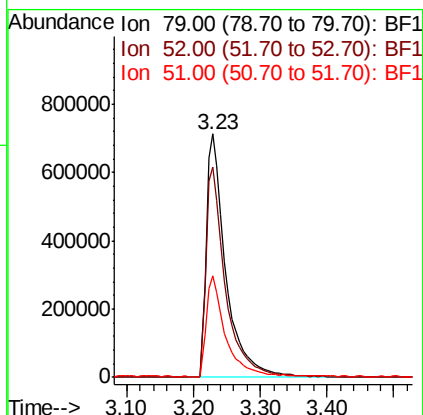
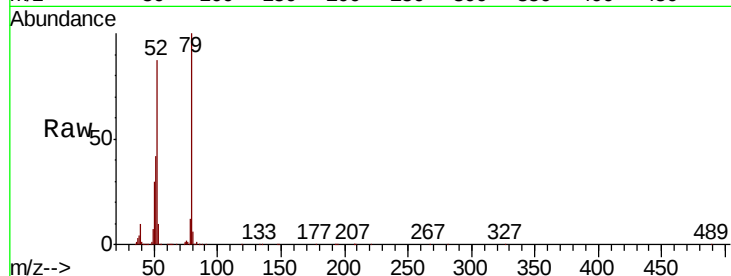




#3  
 Pyridine  
 Concen: 40.004 ng  
 RT: 3.23 min Scan# 194  
 Delta R.T. -0.02 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

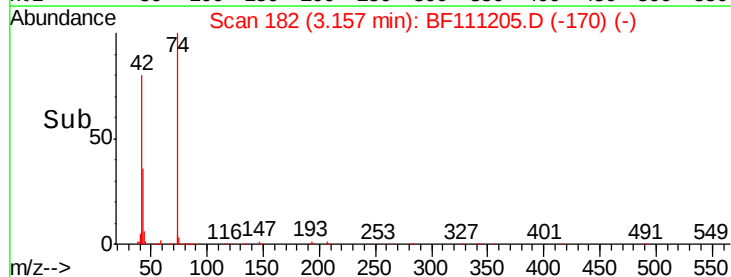
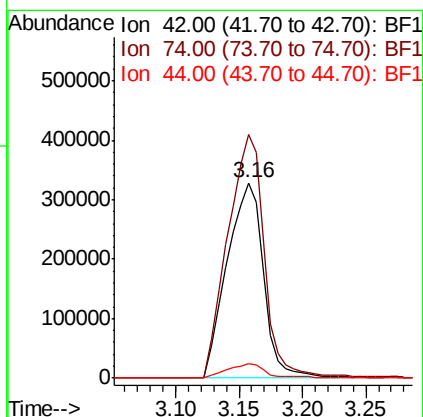
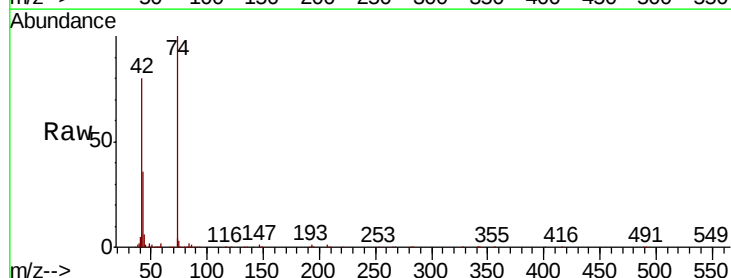
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

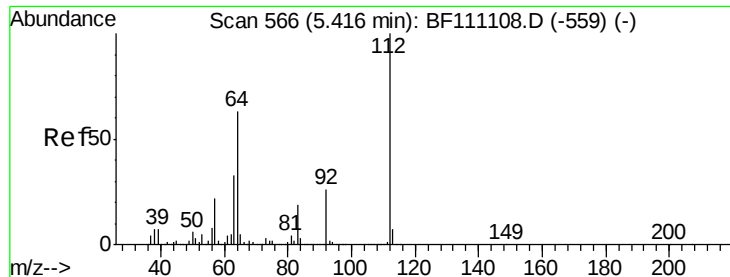
Tgt Ion: 79 Resp: 1458349  
 Ion Ratio Lower Upper  
 79 100  
 52 86.6 74.7 112.1  
 51 41.9 35.9 53.9



#4  
 n-Nitrosodimethylamine  
 Concen: 36.428 ng  
 RT: 3.16 min Scan# 182  
 Delta R.T. -0.03 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 42 Resp: 653861  
 Ion Ratio Lower Upper  
 42 100  
 74 124.9 86.2 129.2  
 44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 73.414 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

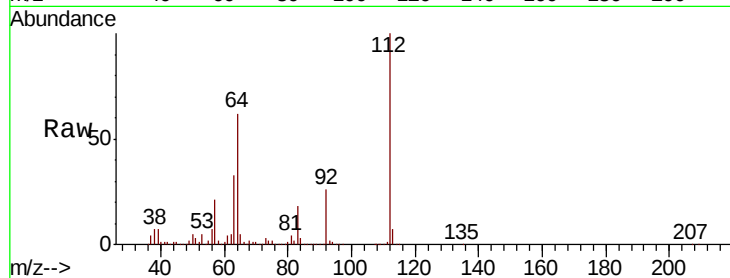
Tgt Ion:112 Resp: 2097923

Ion Ratio Lower Upper

112 100

64 61.7 50.2 75.4

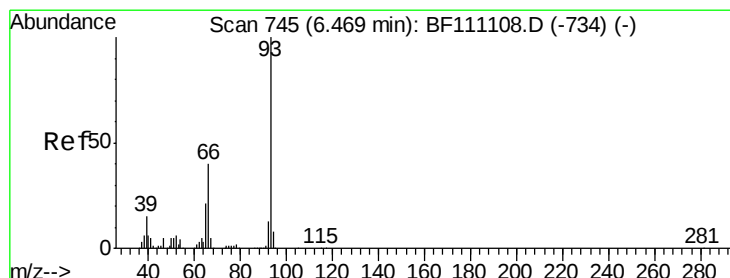
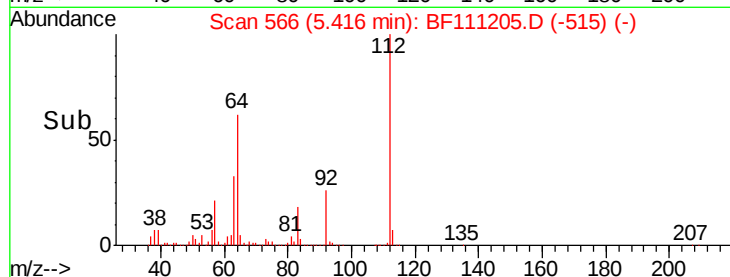
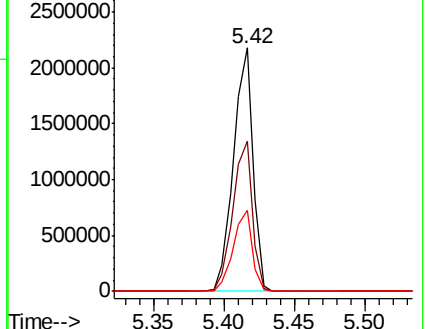
63 33.1 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF111108.D (-559) (-)

Ion 64.00 (63.70 to 64.70): BF111108.D (-559) (-)

Ion 63.00 (62.70 to 63.70): BF111108.D (-559) (-)



#6

Aniline

Concen: 37.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

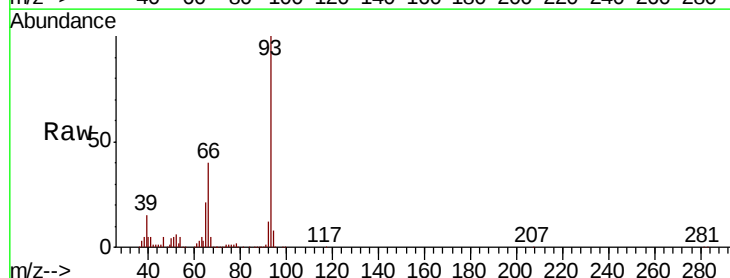
Tgt Ion: 93 Resp: 1846950

Ion Ratio Lower Upper

93 100

66 39.6 31.8 47.8

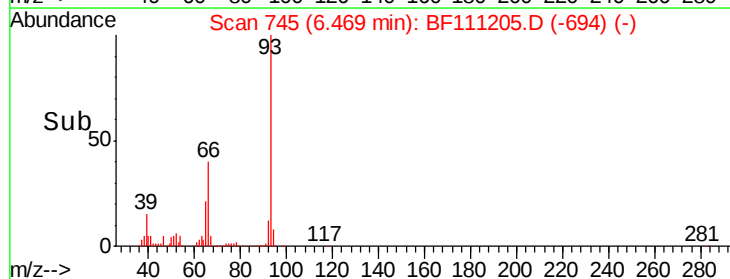
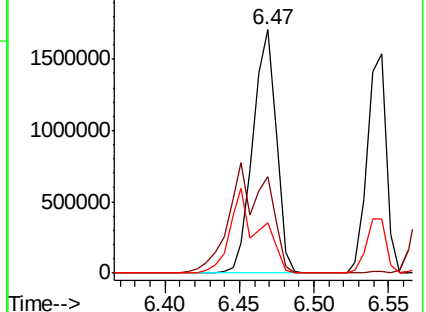
65 20.8 16.6 24.8

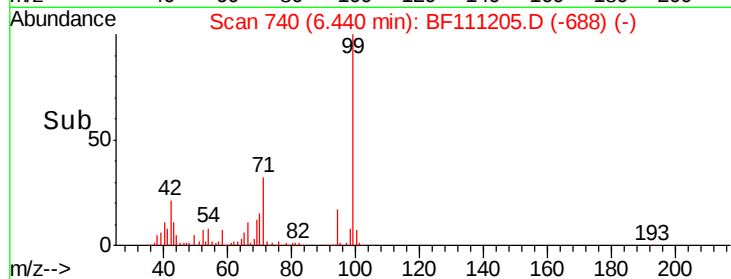
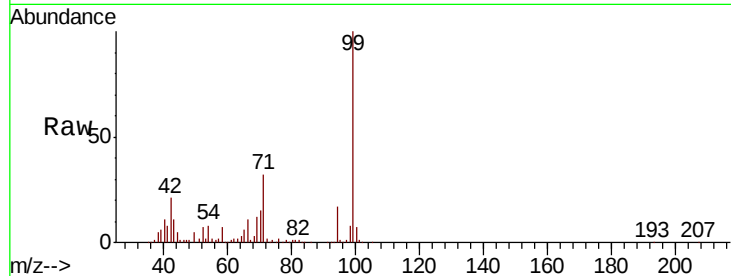
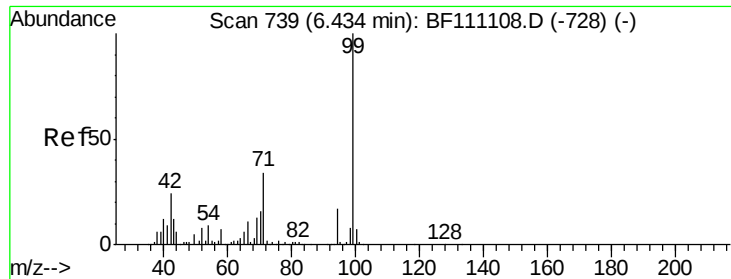


Abundance Ion 93.00 (92.70 to 93.70): BF111108.D (-734) (-)

Ion 66.00 (65.70 to 66.70): BF111108.D (-734) (-)

Ion 65.00 (64.70 to 65.70): BF111108.D (-734) (-)





#7

Phenol-d6

Concen: 74.464 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

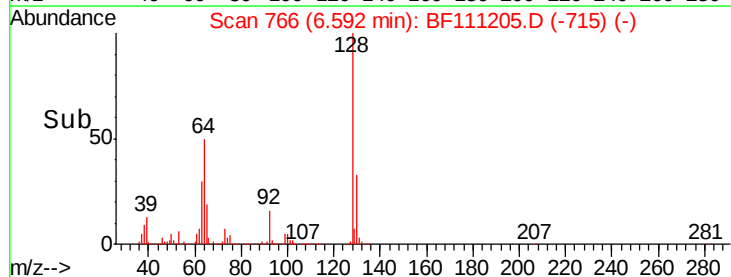
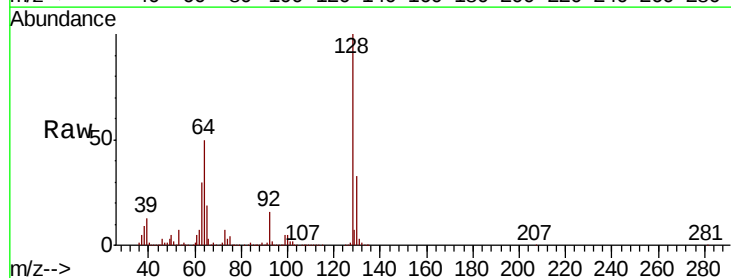
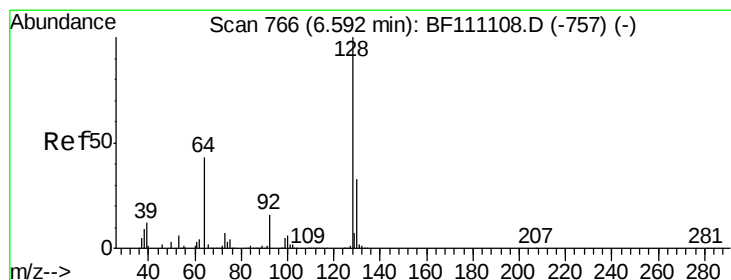
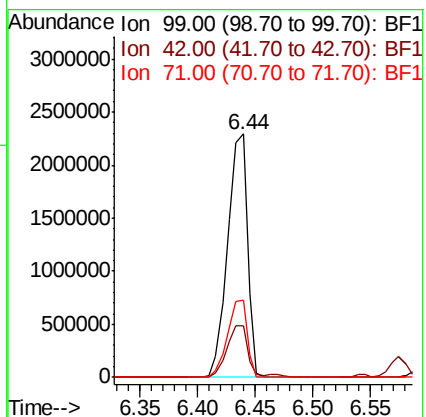
Tgt Ion: 99 Resp: 2741126

Ion Ratio Lower Upper

99 100

42 21.2 19.3 28.9

71 31.8 27.4 41.2



#8

2-Chlorophenol

Concen: 40.378 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

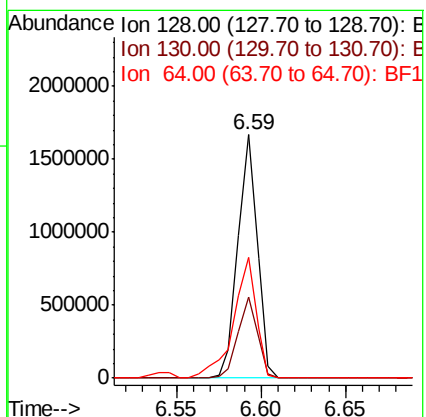
Tgt Ion: 128 Resp: 1329963

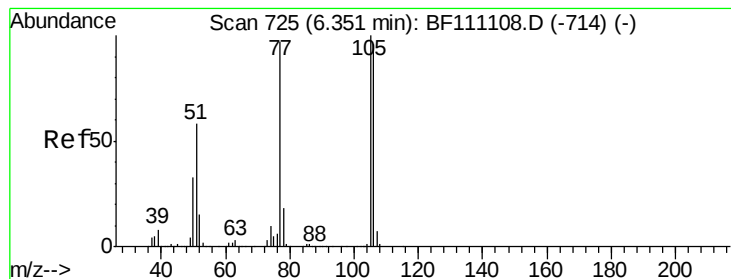
Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

64 49.6 26.6 66.6





#9

Benzaldehyde

Concen: 44.465 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

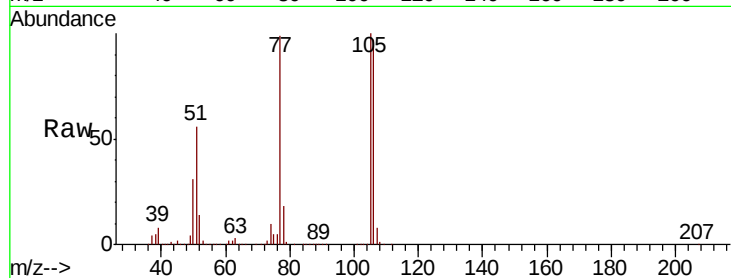
Tgt Ion: 77 Resp: 857754

Ion Ratio Lower Upper

77 100

105 101.5 83.1 123.1

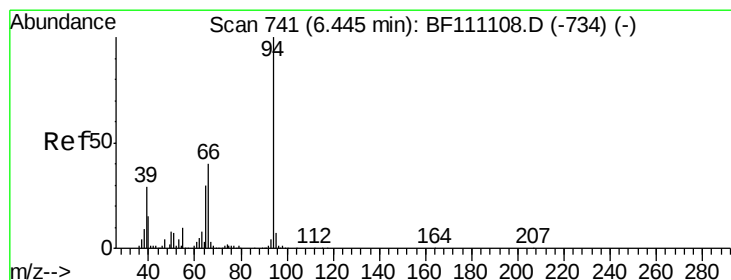
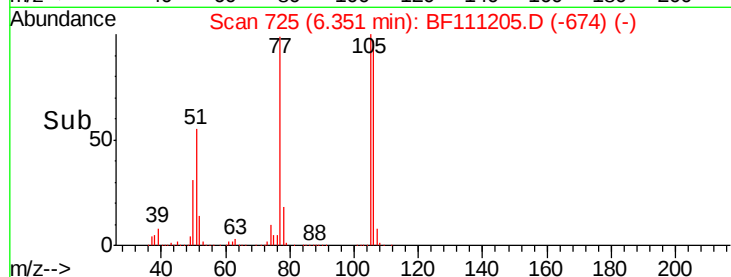
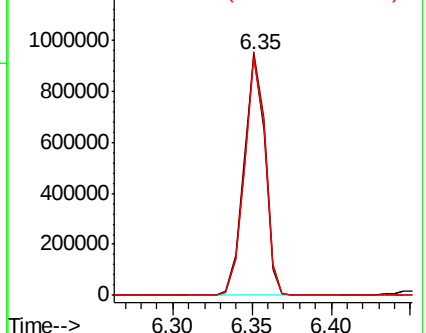
106 98.6 79.0 119.0



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: 41.403 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

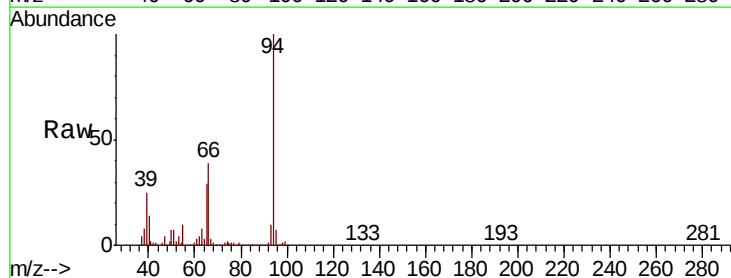
Tgt Ion: 94 Resp: 1661839

Ion Ratio Lower Upper

94 100

65 29.4 10.5 50.5

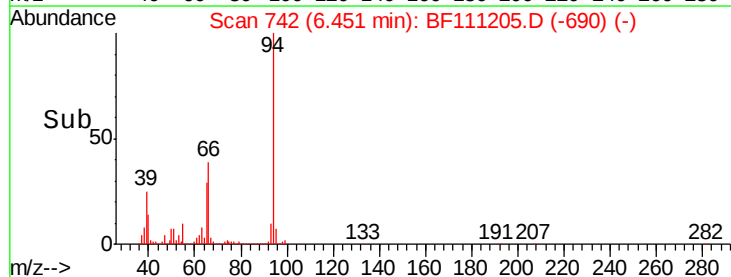
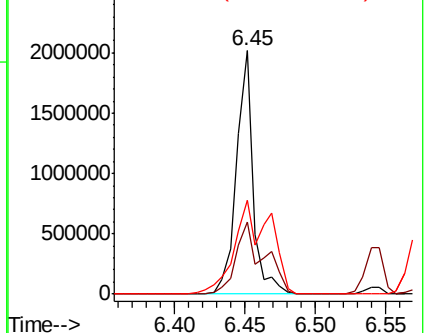
66 38.6 19.8 59.8

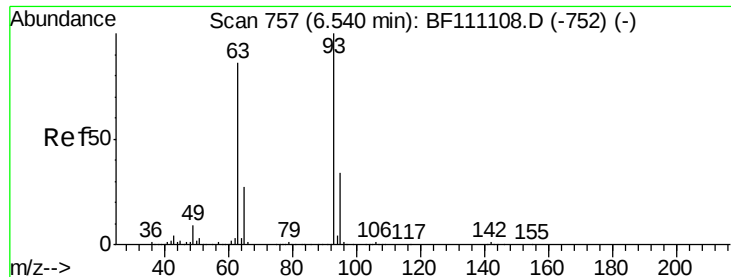


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

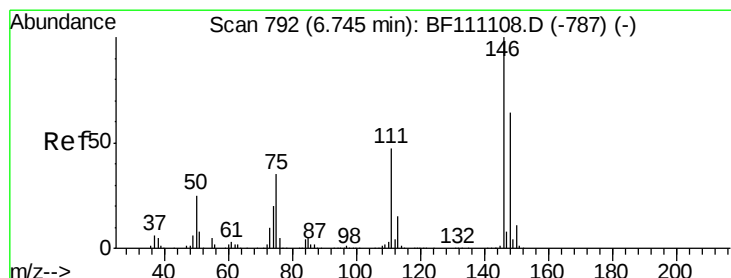
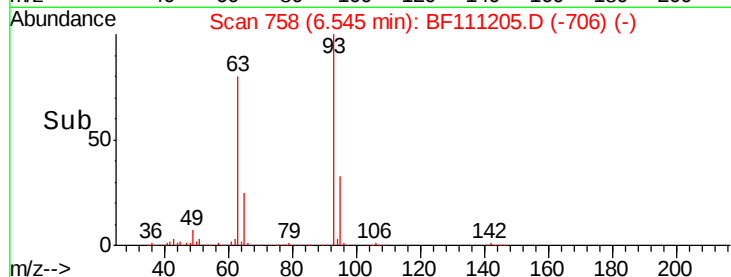
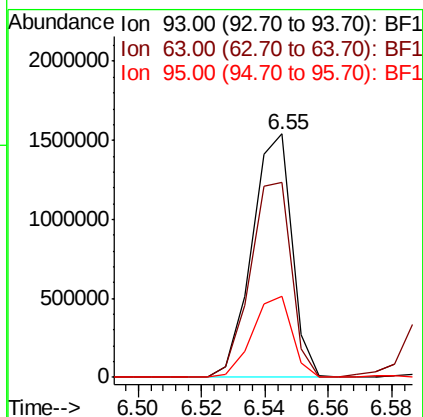
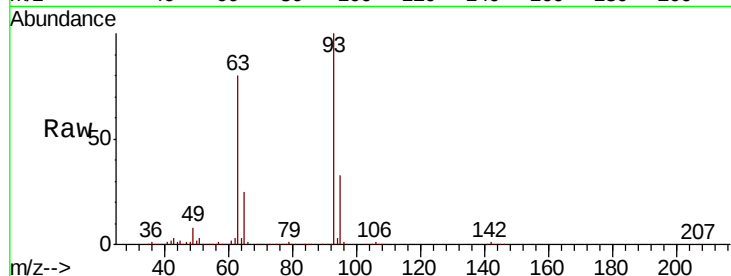




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.967 ng  
 RT: 6.55 min Scan# 758  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

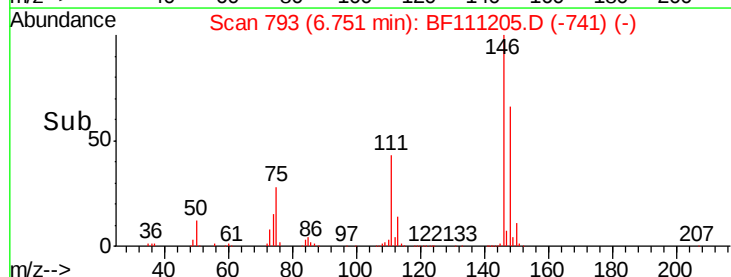
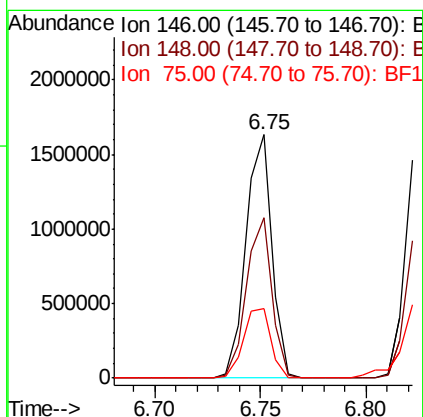
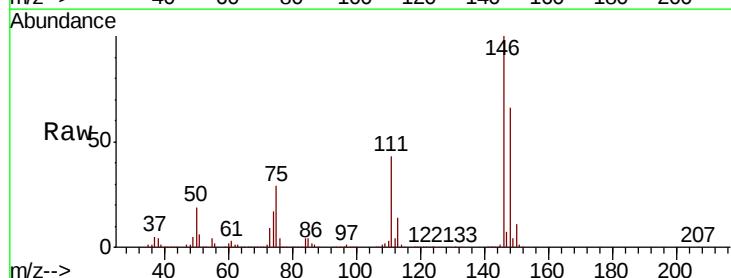
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

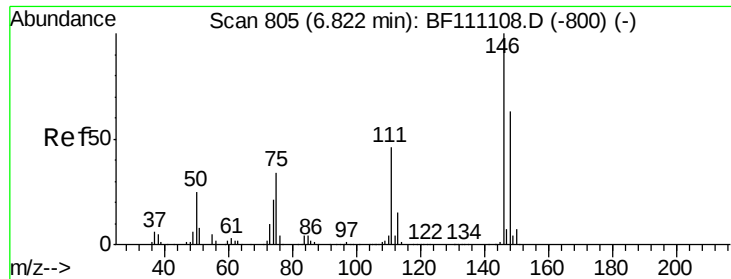
Tgt Ion: 93 Resp: 1343910  
 Ion Ratio Lower Upper  
 93 100  
 63 80.1 66.0 106.0  
 95 33.2 14.3 54.3



#12  
 1,3-Dichlorobenzene  
 Concen: 39.760 ng  
 RT: 6.75 min Scan# 793  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 146 Resp: 1392785  
 Ion Ratio Lower Upper  
 146 100  
 148 66.0 51.3 76.9  
 75 28.6 27.7 41.5

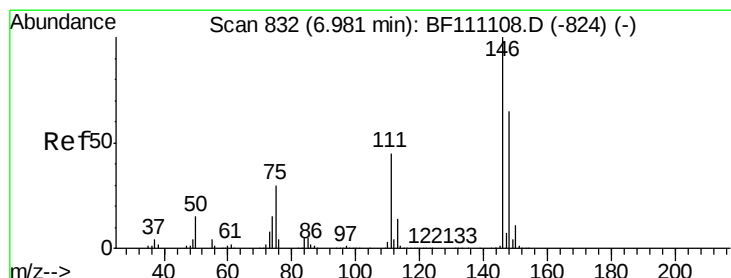
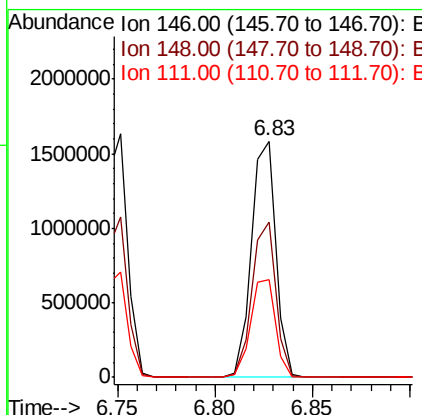
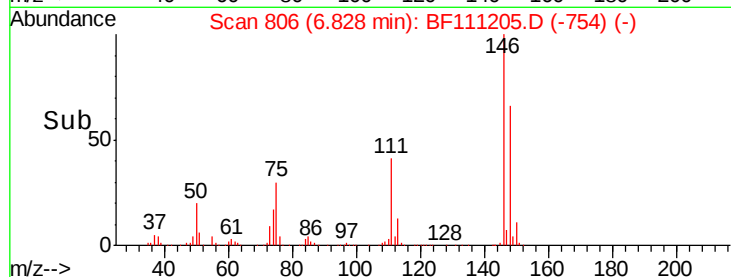
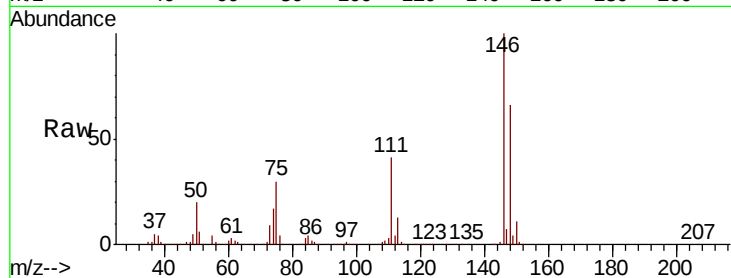




#13  
 1,4-Dichlorobenzene  
 Concen: 38.997 ng  
 RT: 6.83 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

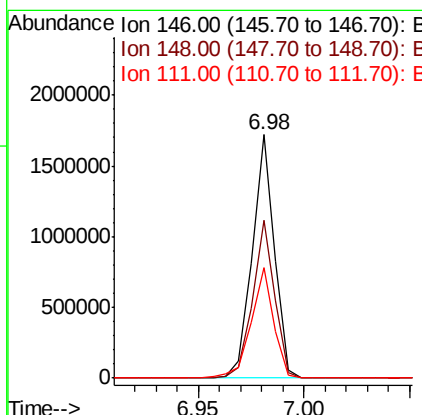
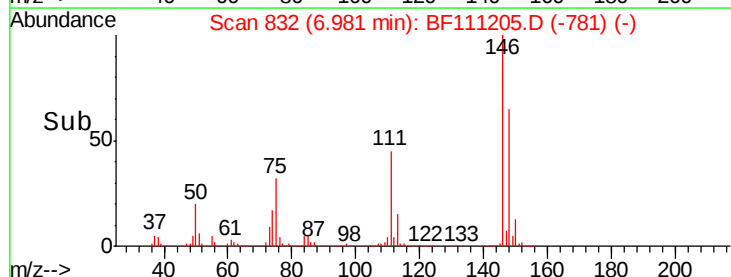
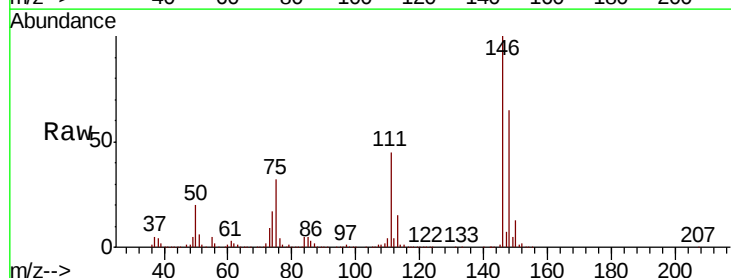
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

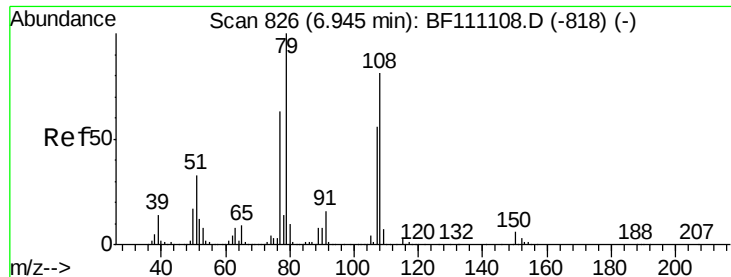
Tgt Ion:146 Resp: 1374725  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 50.3 75.5  
 111 41.1 36.6 55.0



#14  
 1,2-Dichlorobenzene  
 Concen: 38.132 ng  
 RT: 6.98 min Scan# 832  
 Delta R.T. -0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:146 Resp: 1250442  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.8 77.6  
 111 45.3 35.7 53.5





#15

Benzyl Alcohol

Concen: 37.730 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

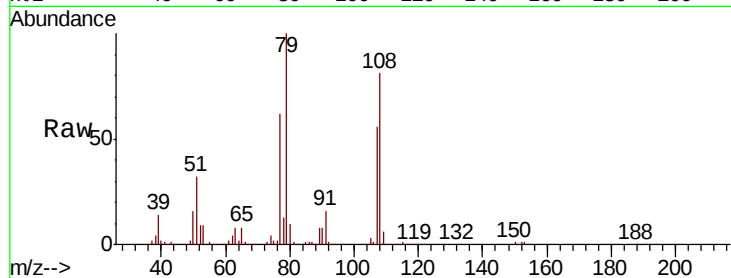
Tgt Ion: 79 Resp: 1100458

Ion Ratio Lower Upper

79 100

108 81.3 64.5 96.7

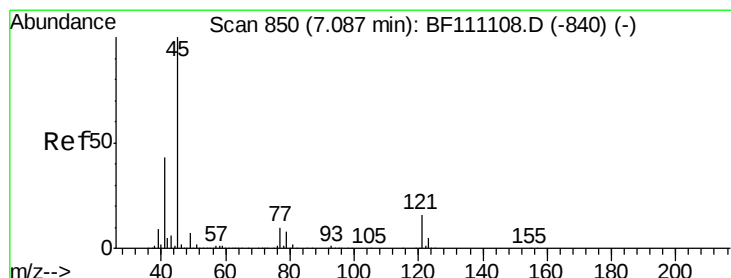
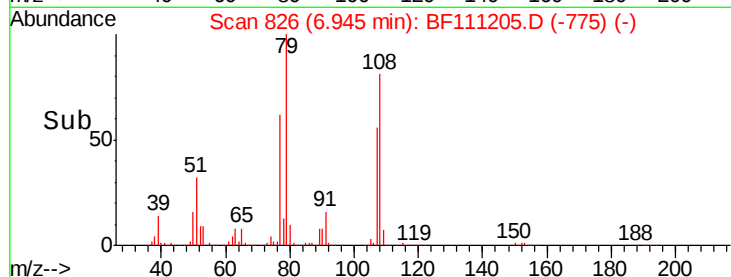
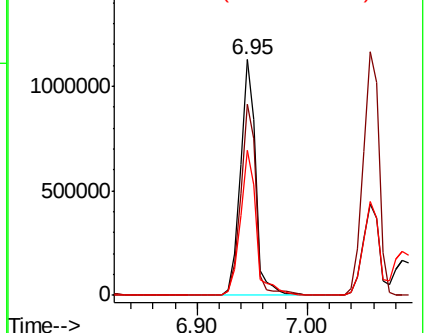
77 61.6 50.5 75.7



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: 36.862 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

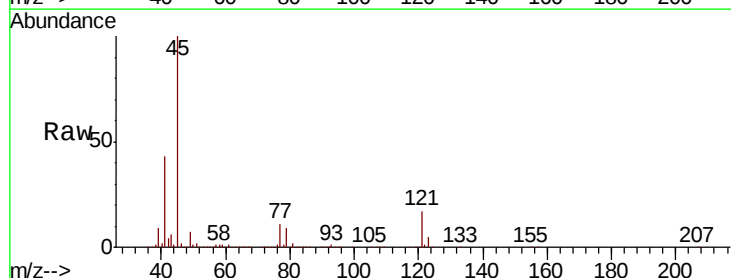
Tgt Ion: 45 Resp: 2352281

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.6

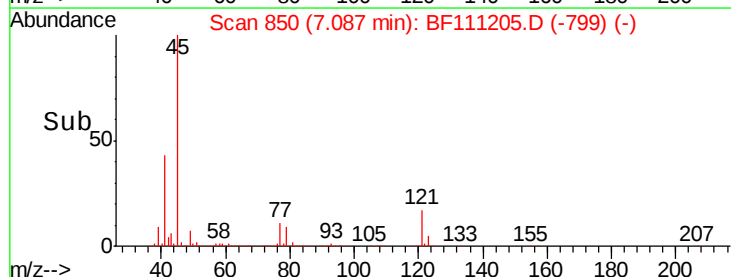
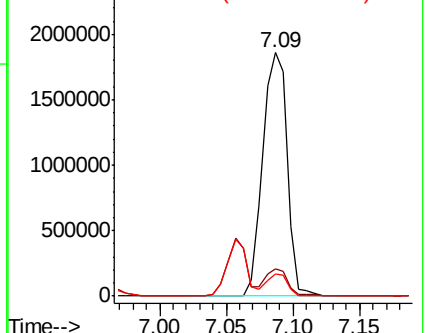
79 8.9 0.0 28.4

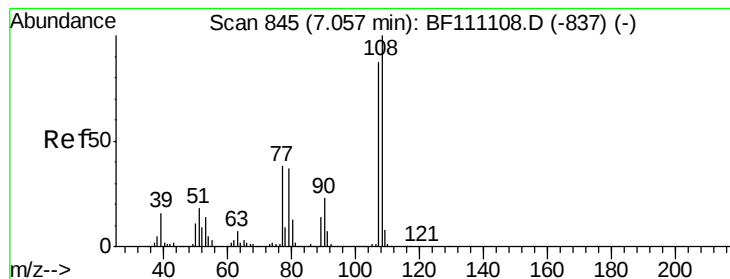


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.837 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1023016

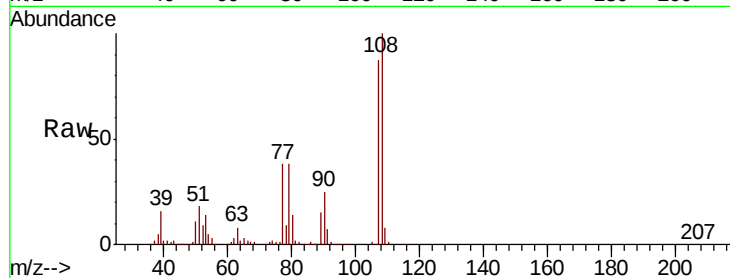
Ion Ratio Lower Upper

107 100

108 115.1 91.8 137.8

77 44.2 34.7 52.1

79 43.3 34.2 51.2

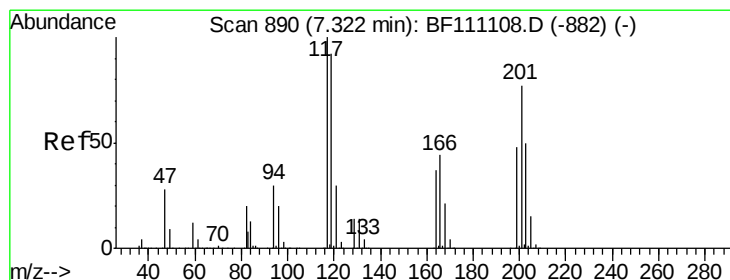
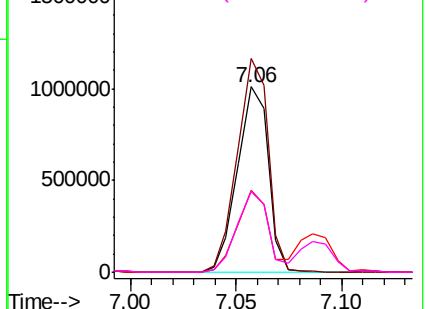
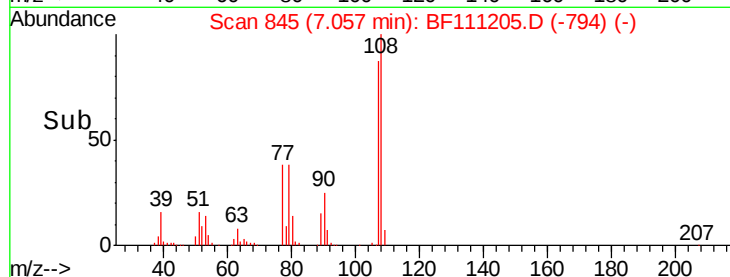


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.189 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

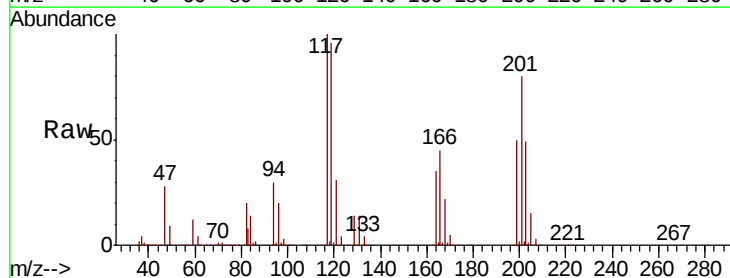
Tgt Ion:117 Resp: 505026

Ion Ratio Lower Upper

117 100

119 96.4 73.8 110.6

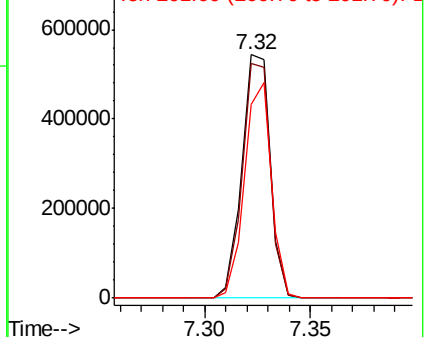
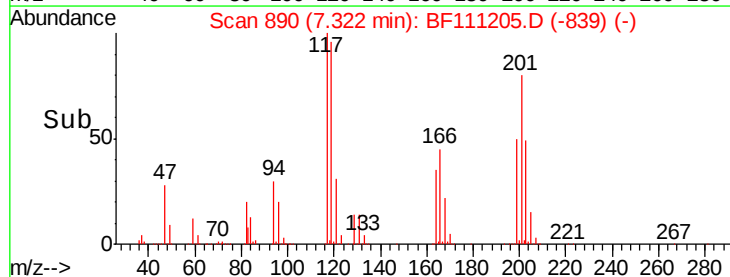
201 79.6 61.2 91.8

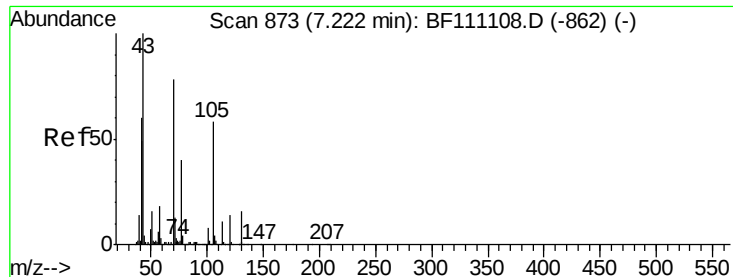


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

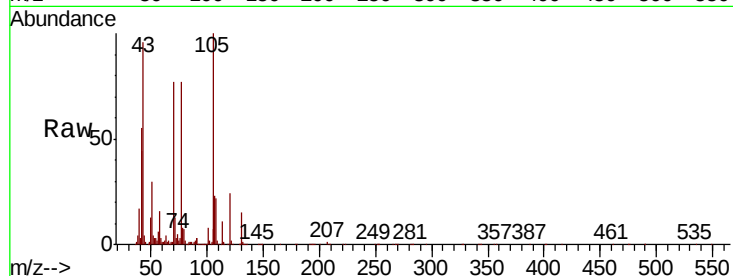




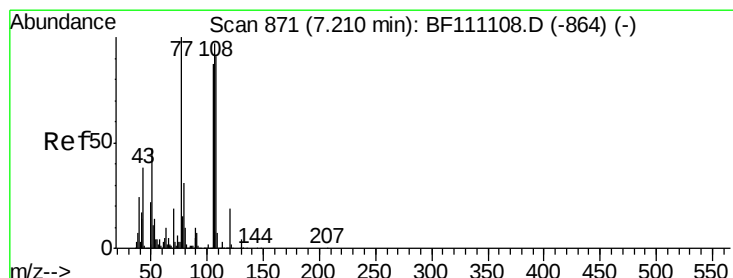
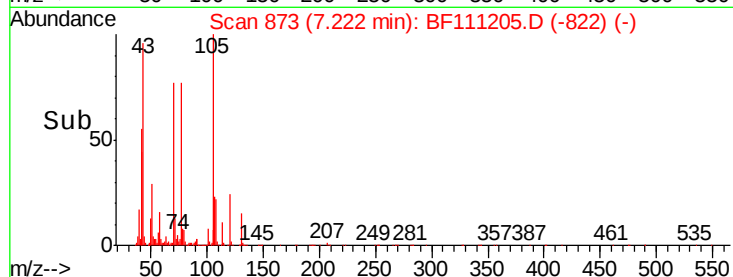
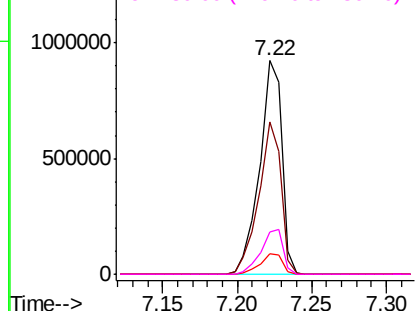
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.143 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 943583 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.4  | 61.3  | 91.9   |
| 101      | 9.8   | 7.7   | 11.5   |
| 130      | 19.9  | 16.3  | 24.5   |

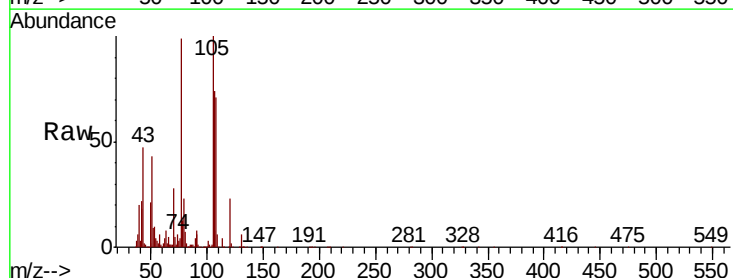


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

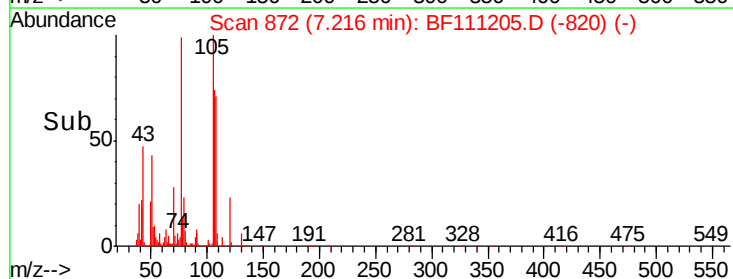
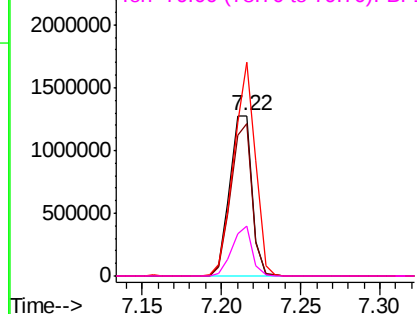


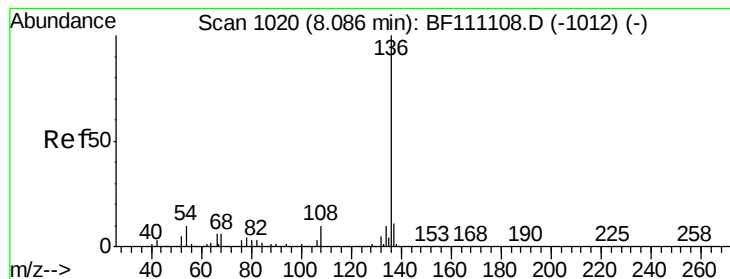
#20  
3+4-Methylphenols  
Concen: 37.594 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1239731 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 95.4  | 74.0  | 114.0   |
| 77       | 133.2 | 83.2  | 123.2#  |
| 79       | 31.2  | 11.6  | 51.6    |



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1643235

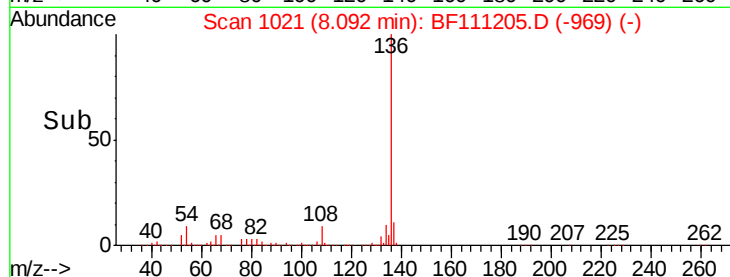
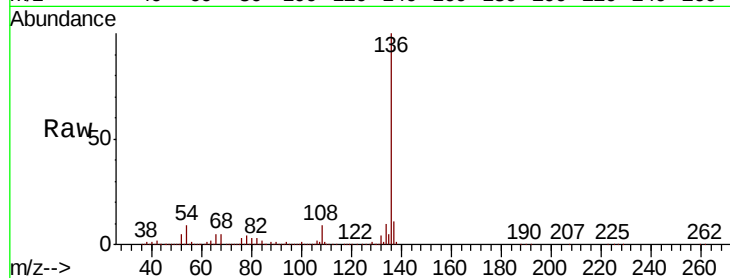
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.3 8.4 12.6

68 5.3 5.0 7.4



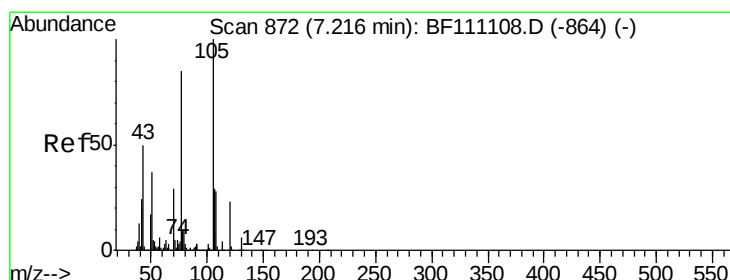
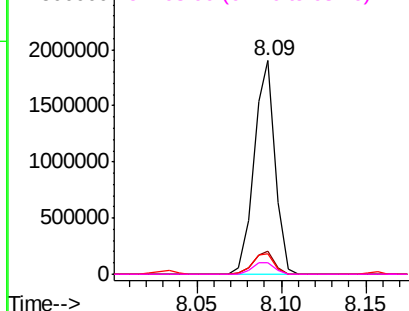
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.293 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:105 Resp: 1639775

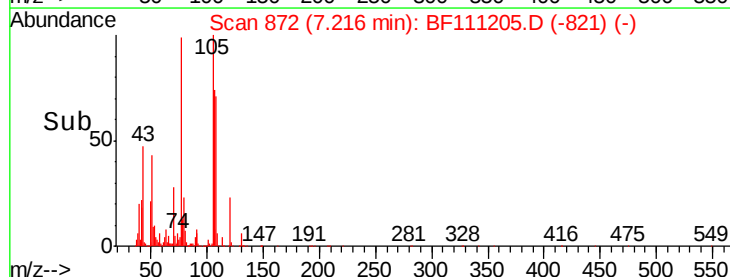
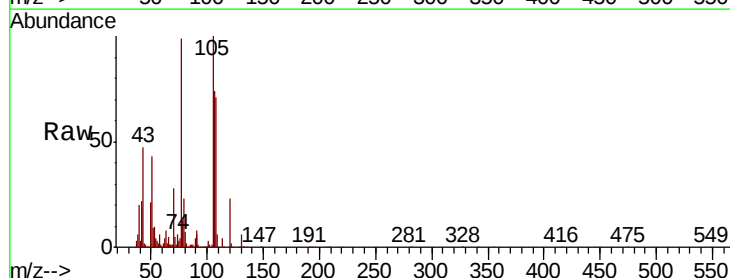
Ion Ratio Lower Upper

105 100

71 4.8 4.0 6.0

51 42.8 29.8 44.8

120 23.4 18.7 28.1



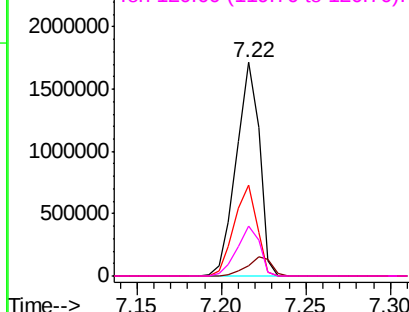
Abundance

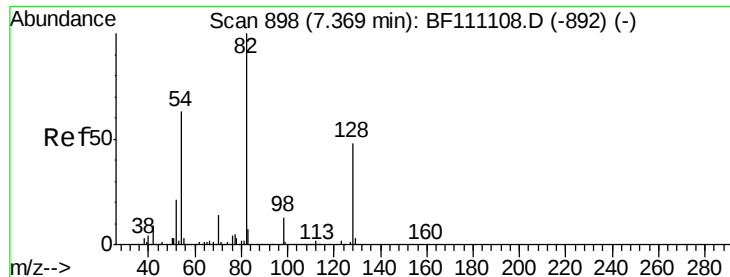
Ion 105.00 (104.70 to 105.70): E

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

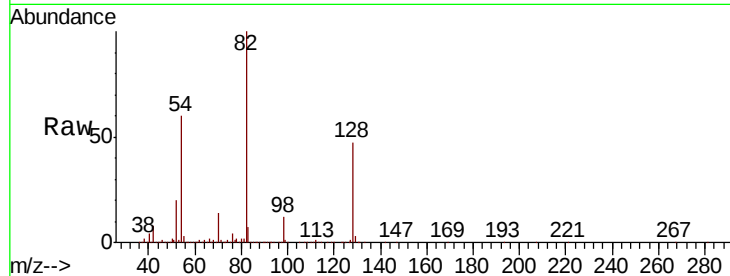




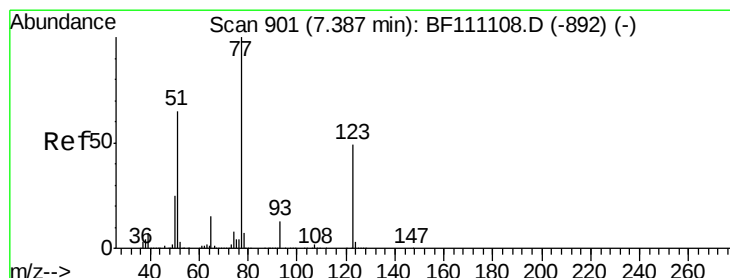
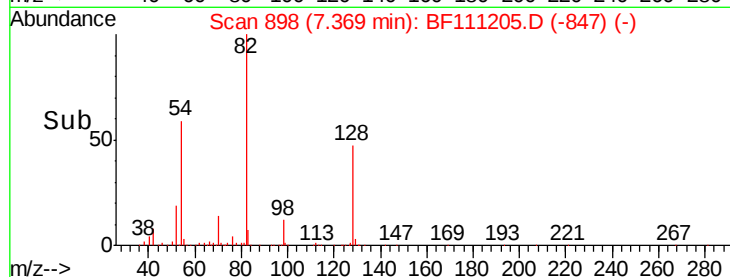
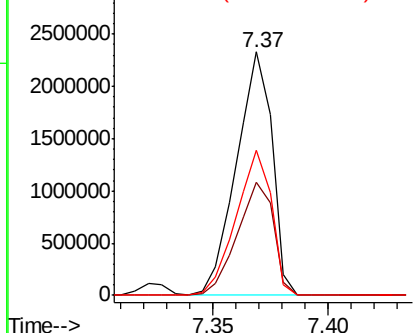
#23  
 Nitrobenzene-d5  
 Concen: 90.713 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. 0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 2517806  
 Ion Ratio Lower Upper  
 82 100  
 128 46.6 38.1 57.1  
 54 59.5 50.3 75.5

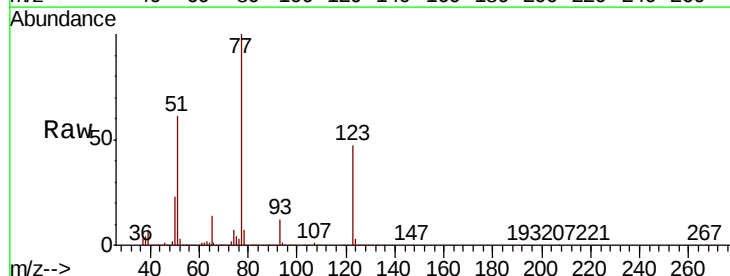


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

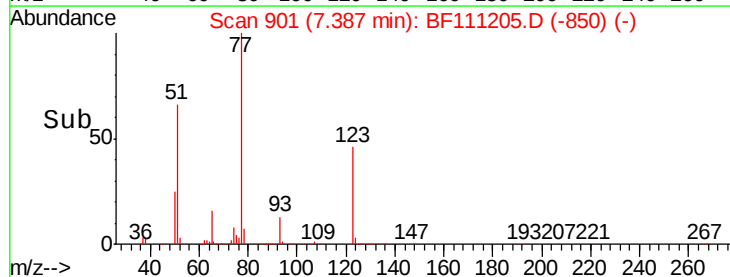
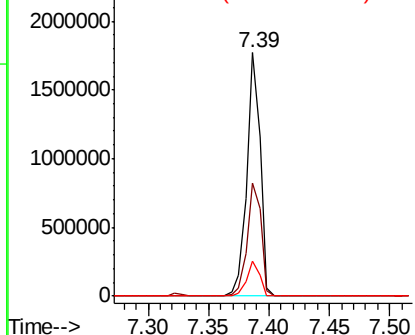


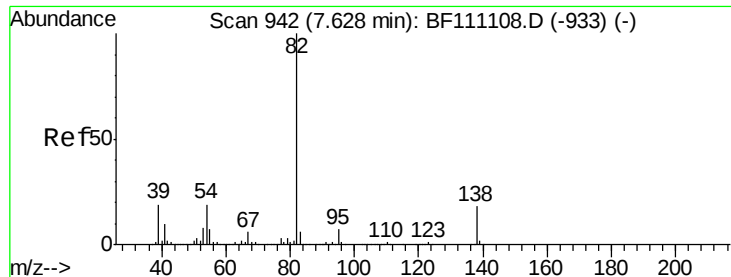
#24  
 Nitrobenzene  
 Concen: 46.036 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 77 Resp: 1374645  
 Ion Ratio Lower Upper  
 77 100  
 123 46.5 39.5 59.3  
 65 14.4 11.8 17.6



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: 39.683 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

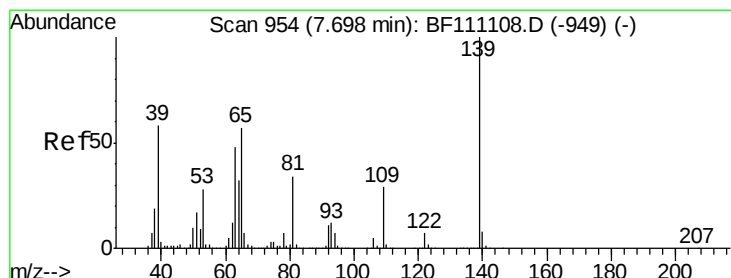
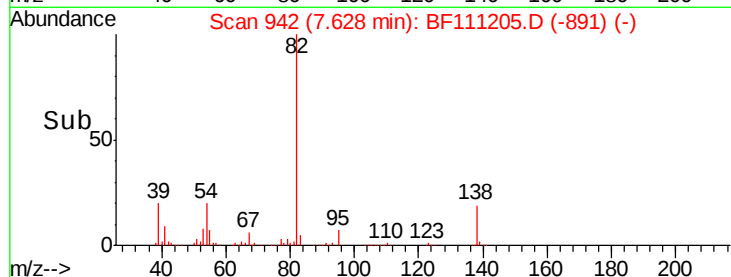
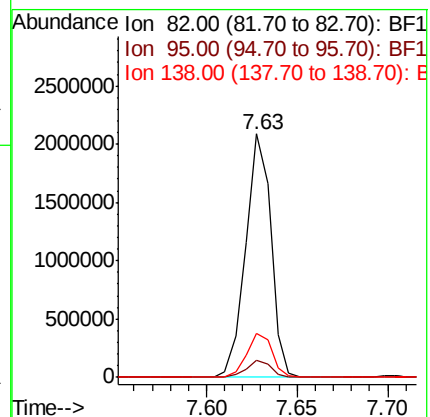
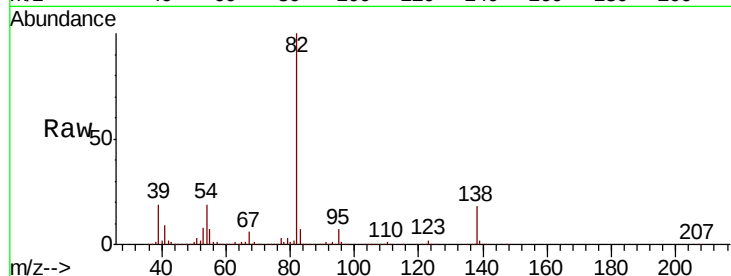
Tgt Ion: 82 Resp: 2021372

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 49.944 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

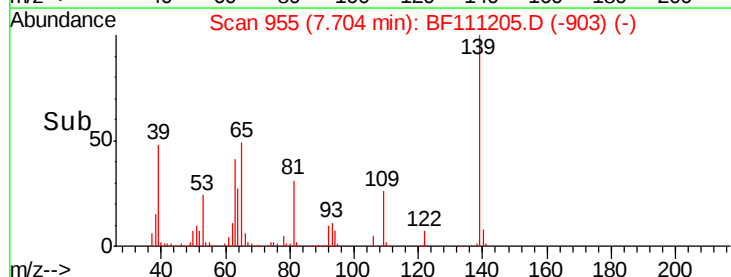
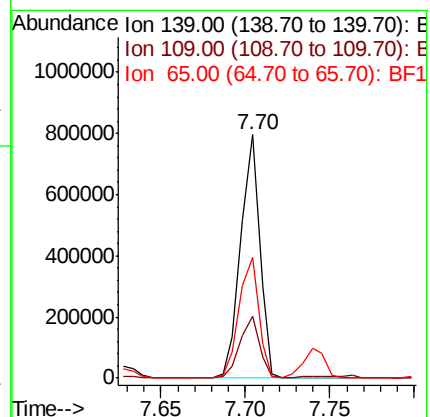
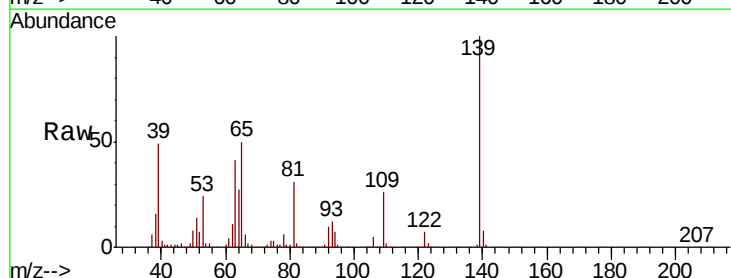
Tgt Ion: 139 Resp: 630139

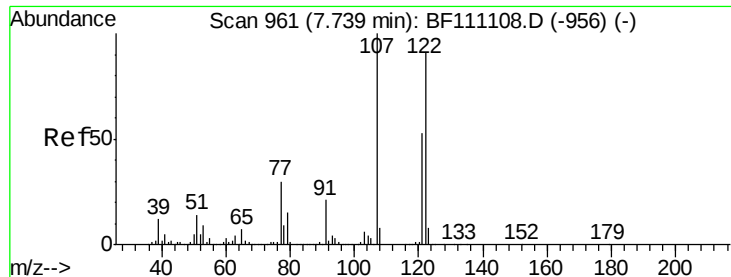
Ion Ratio Lower Upper

139 100

109 25.7 23.1 34.7

65 49.8 45.9 68.9

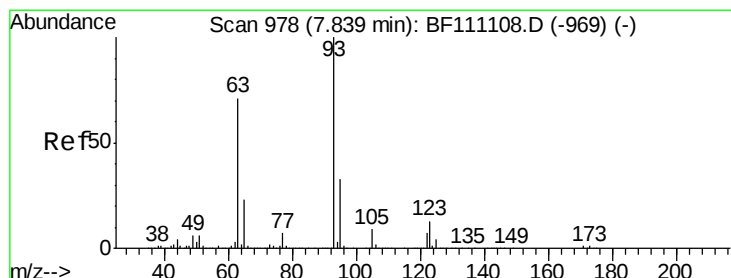
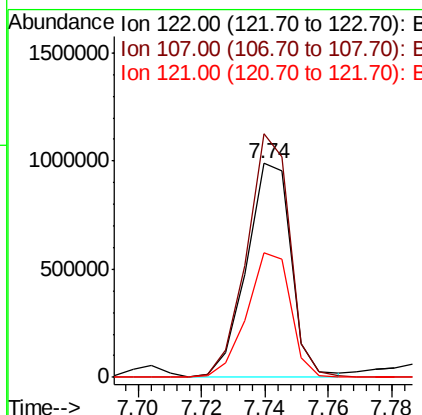
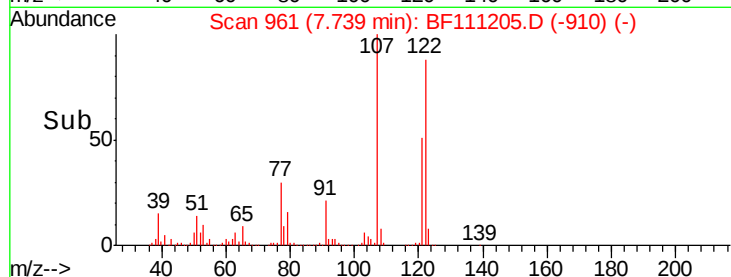
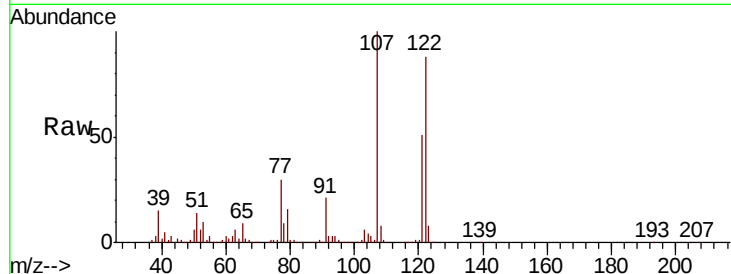




#27  
 2,4-Dimethylphenol  
 Concen: 40.759 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. 0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

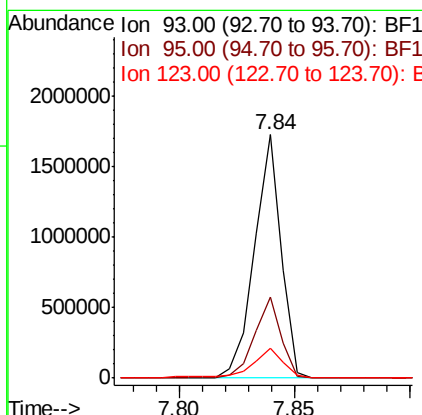
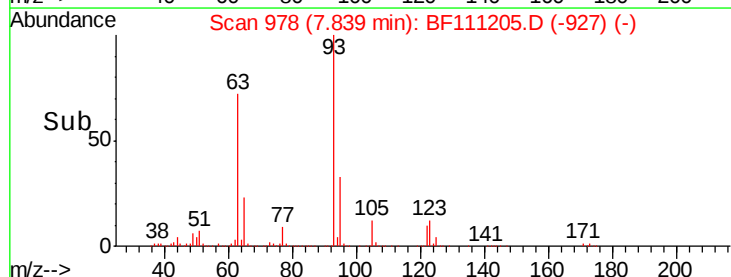
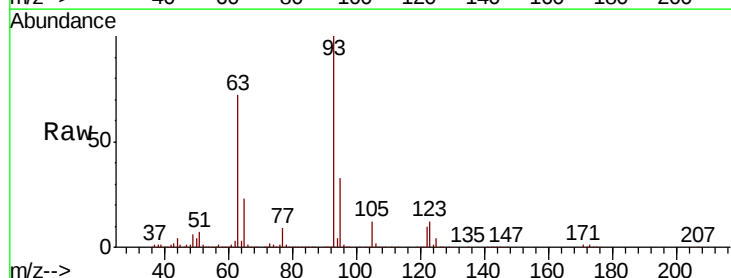
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

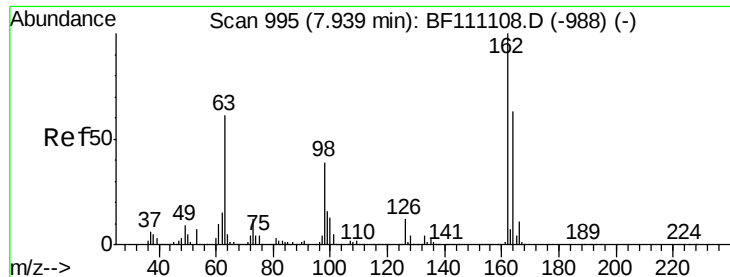
Tgt Ion:122 Resp: 968504  
 Ion Ratio Lower Upper  
 122 100  
 107 113.9 87.4 131.0  
 121 58.1 45.9 68.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.396 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 93 Resp: 1392979  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 26.6 39.8  
 123 12.5 10.3 15.5

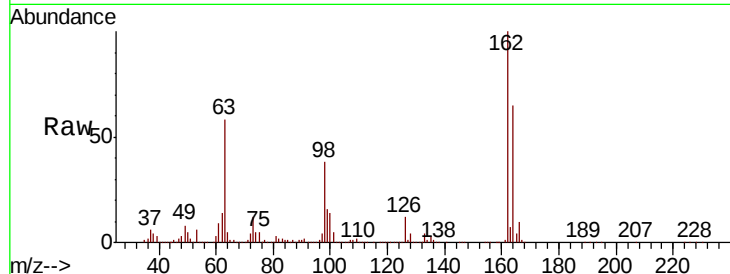




#29  
2,4-Dichlorophenol  
Concen: 41.525 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 43.3  | 83.3  |
| 98      | 38.0  | 18.9  | 58.9  |

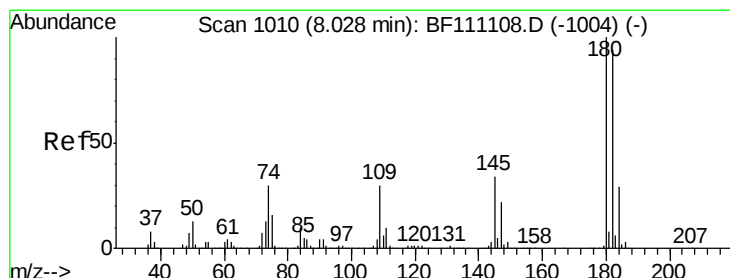
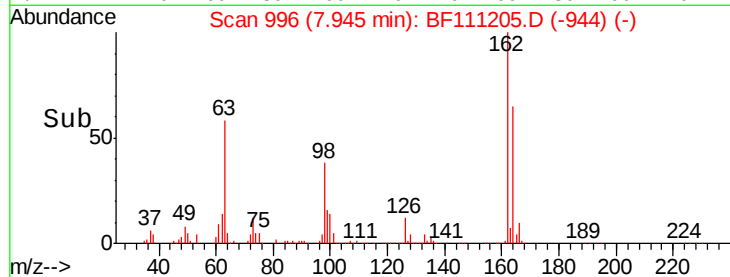
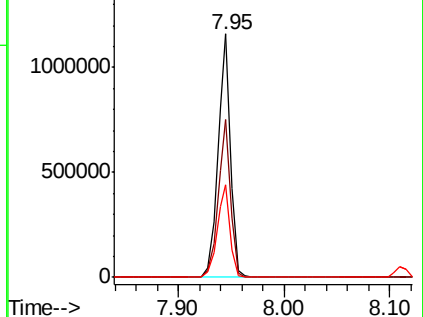


Abundance

Ion 162.00 (161.70 to 162.70): E

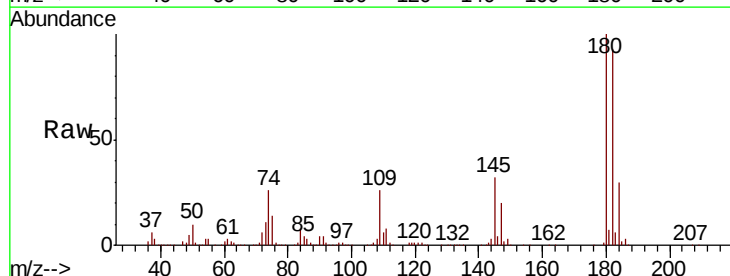
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 40.841 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.3  | 75.1  | 112.7 |
| 145     | 31.9  | 27.6  | 41.4  |

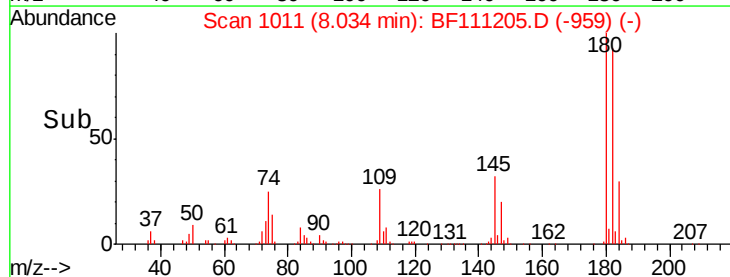
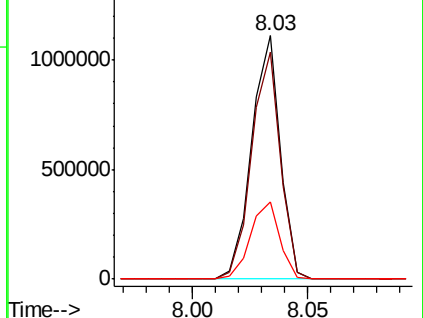


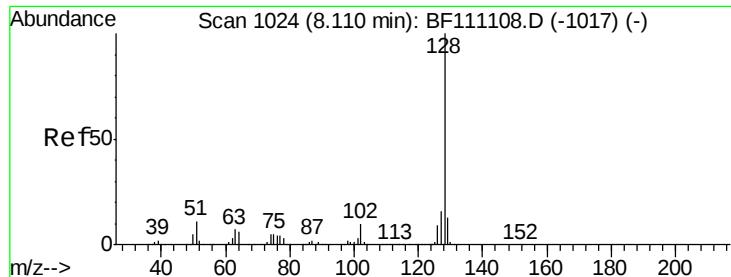
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

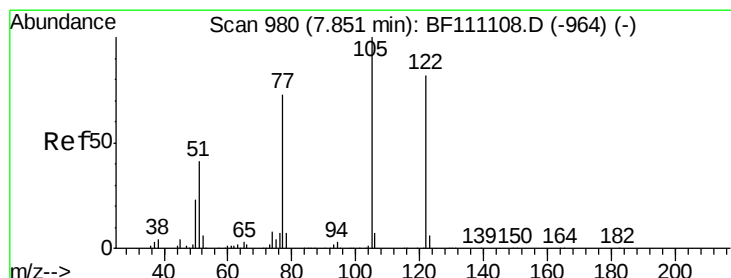
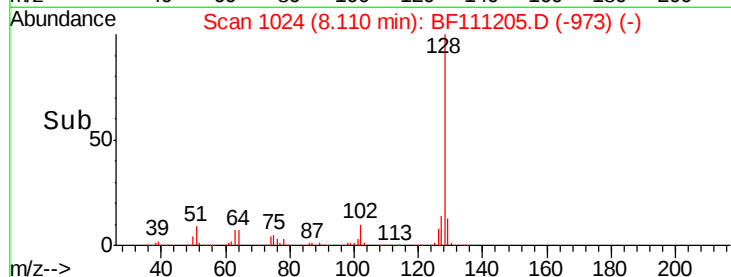
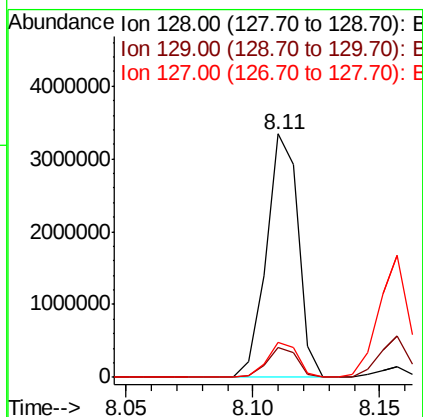
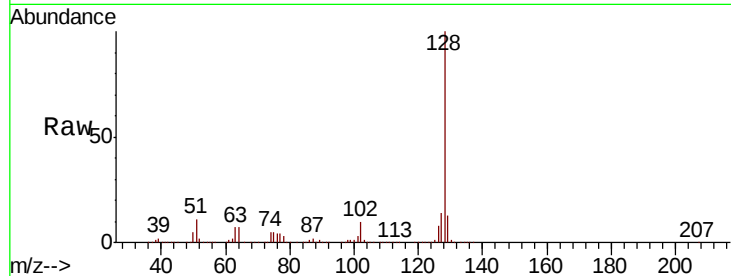




#31  
Naphthalene  
Concen: 41.128 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

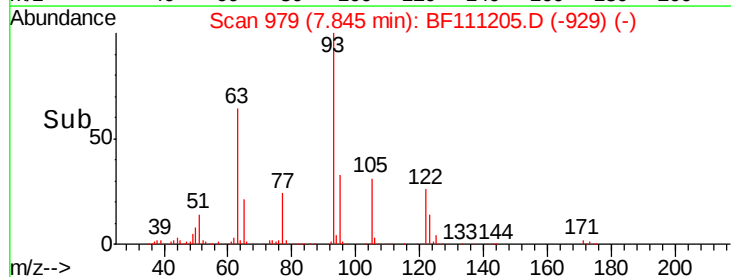
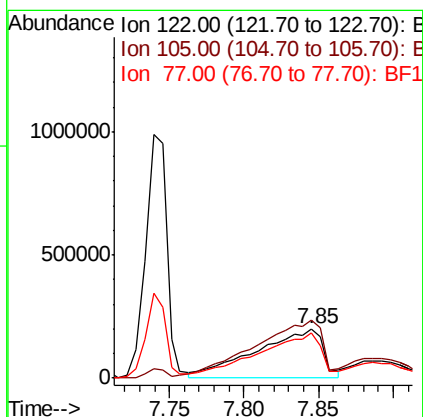
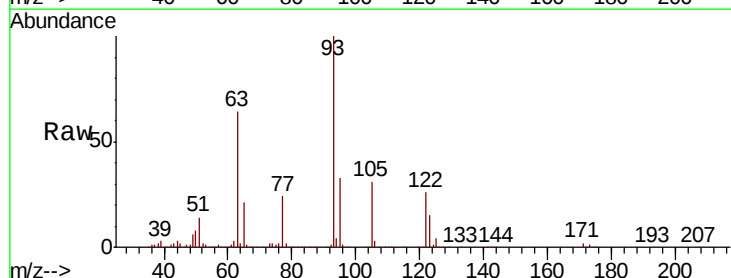
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

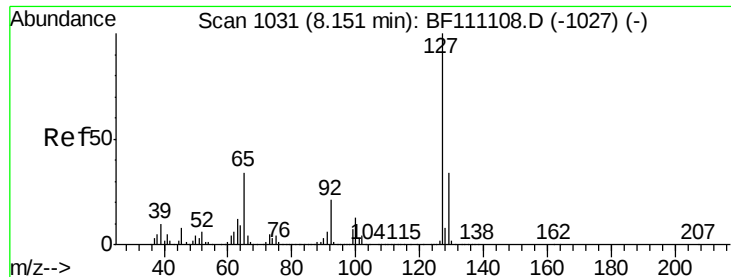
Tgt Ion:128 Resp: 2942503  
Ion Ratio Lower Upper  
128 100  
129 12.5 10.5 15.7  
127 14.4 12.5 18.7



#32  
Benzoic acid  
Concen: 39.151 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:122 Resp: 613470  
Ion Ratio Lower Upper  
122 100  
105 117.1 100.1 140.1  
77 91.3 69.4 109.4

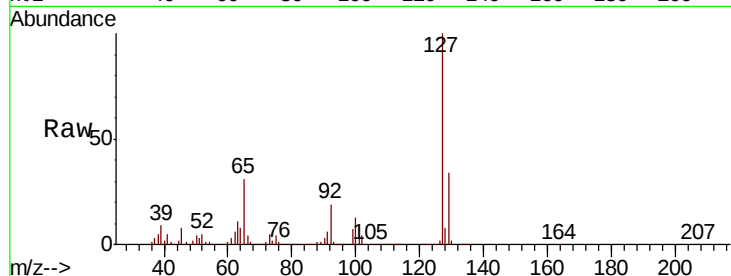




#33  
4-Chloroaniline  
Concen: 39.439 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion: | 127   | Resp: | 1363939 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 33.7  | 27.0  | 40.6    |
| 65       | 30.8  | 27.2  | 40.8    |
| 92       | 19.1  | 16.6  | 24.8    |



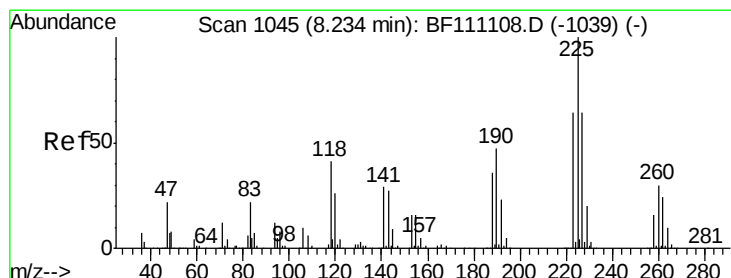
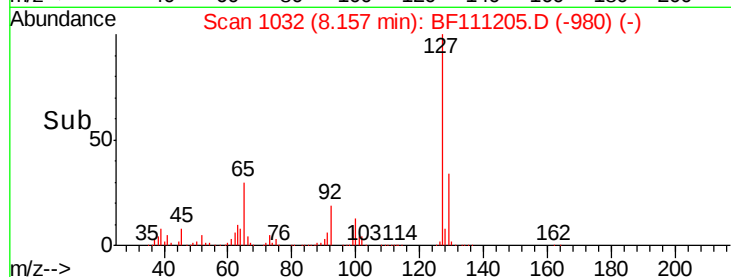
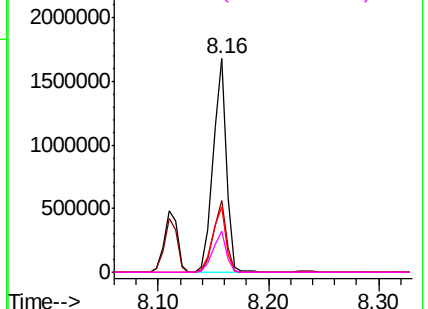
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

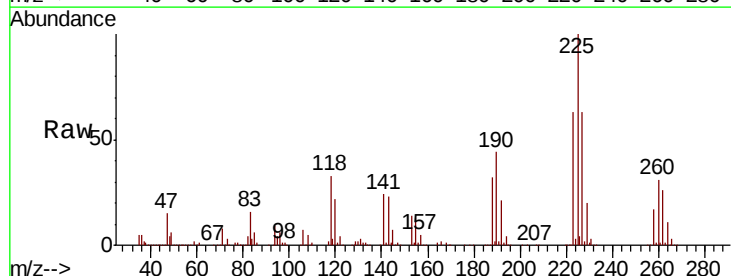
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 45.565 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

| Tgt Ion: | 225   | Resp: | 584667 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 51.4  | 77.2   |
| 227      | 63.0  | 51.0  | 76.4   |

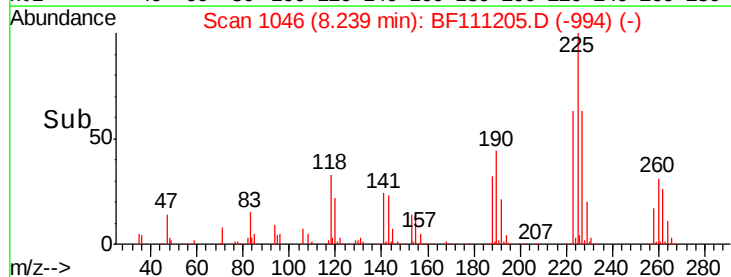
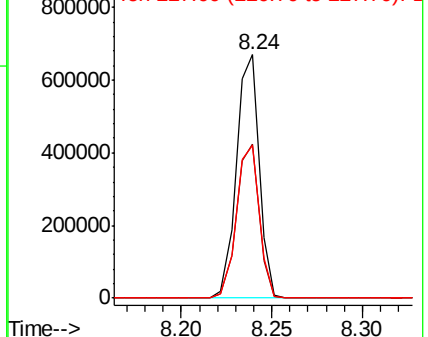


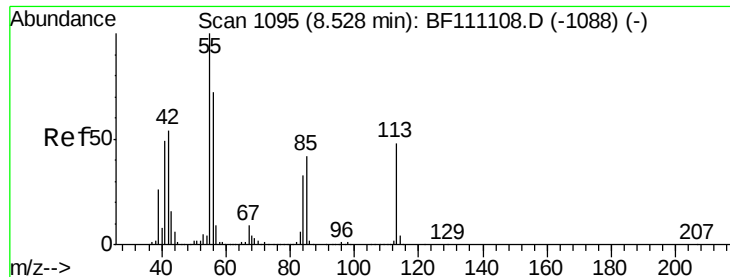
Abundance

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

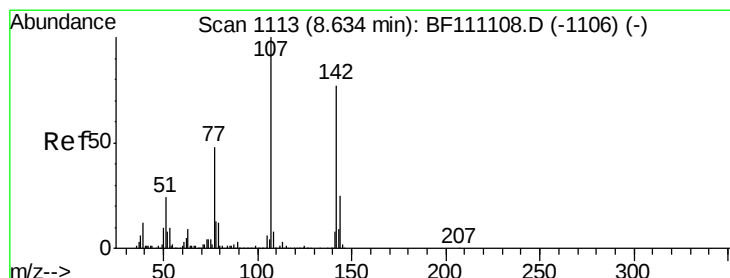
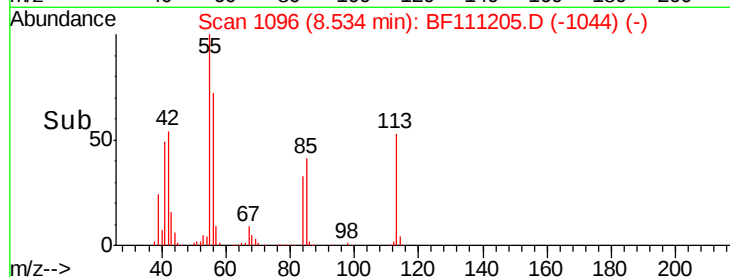
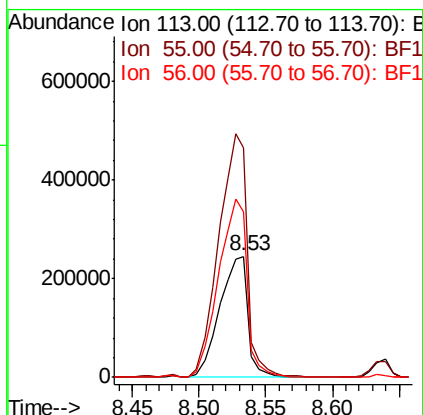
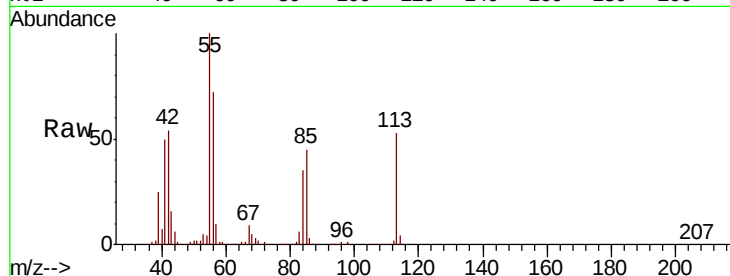




#35  
 Caprolactam  
 Concen: 42.712 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

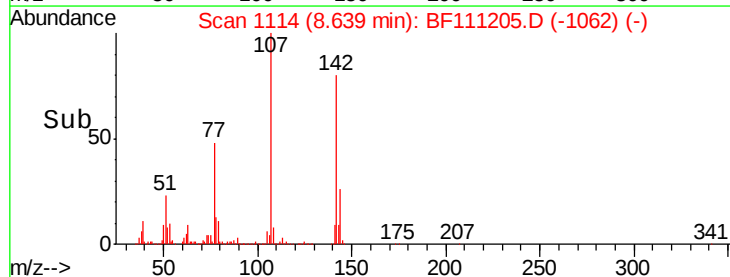
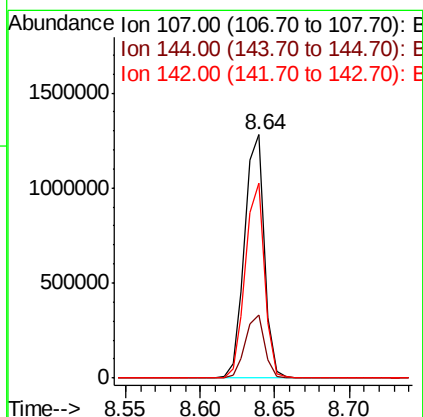
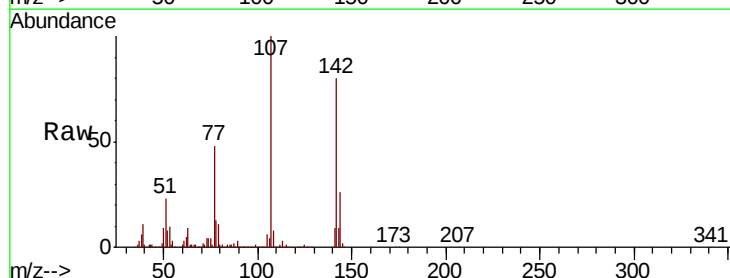
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

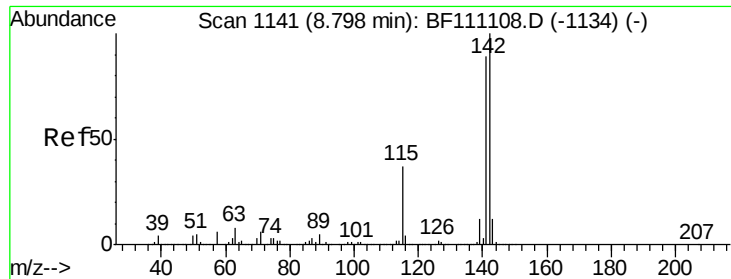
Tgt Ion:113 Resp: 366852  
 Ion Ratio Lower Upper  
 113 100  
 55 189.8 190.6 230.6#  
 56 137.3 130.9 170.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.004 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:107 Resp: 1178759  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 19.9 29.9  
 142 80.1 61.4 92.0

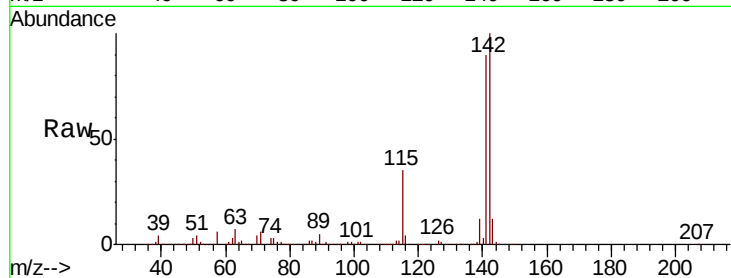




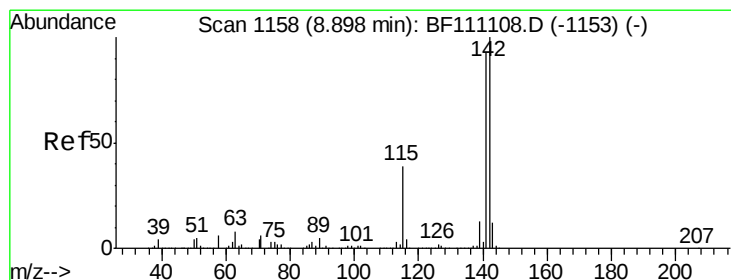
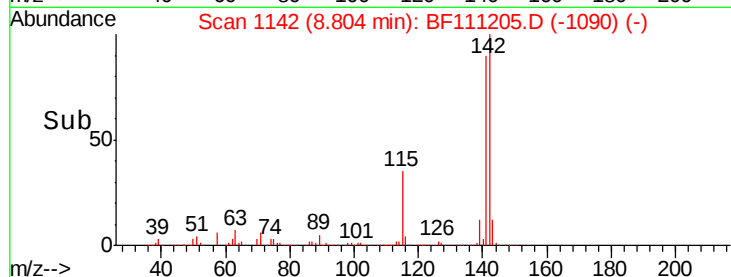
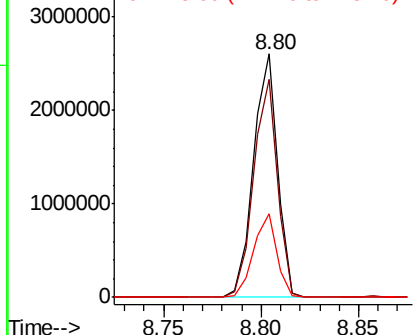
#37  
2-Methylnaphthalene  
Concen: 44.990 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 2220285  
Ion Ratio Lower Upper  
142 100  
141 89.5 71.4 107.0  
115 34.5 29.2 43.8

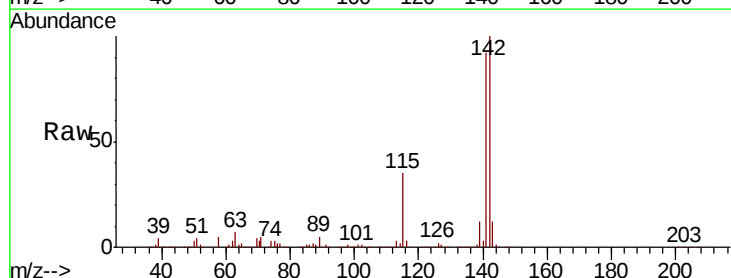


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

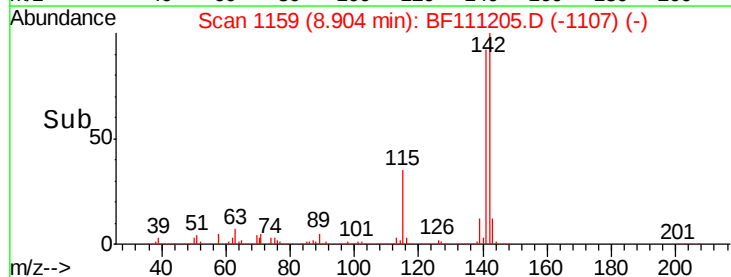
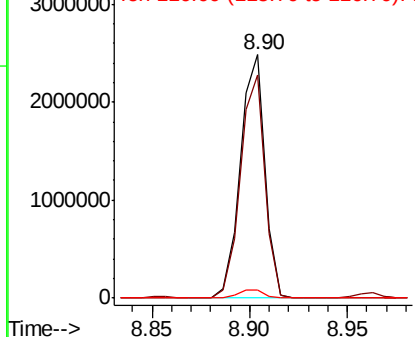


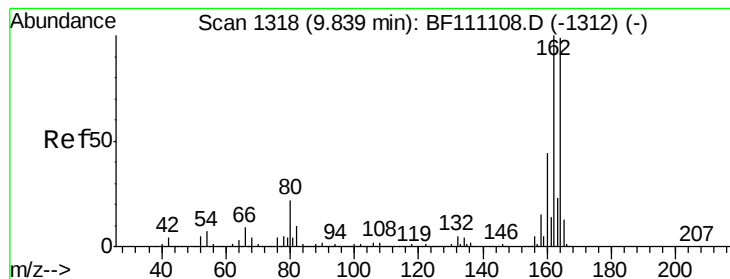
#38  
1-Methylnaphthalene  
Concen: 45.327 ng  
RT: 8.90 min Scan# 1159  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:142 Resp: 2150588  
Ion Ratio Lower Upper  
142 100  
141 91.8 74.5 111.7  
116 3.5 3.2 4.8



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: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

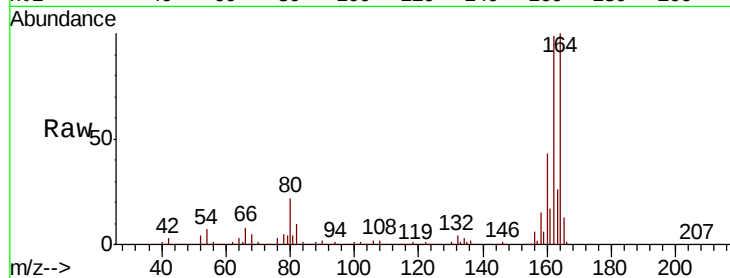
Tgt Ion:164 Resp: 841746

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

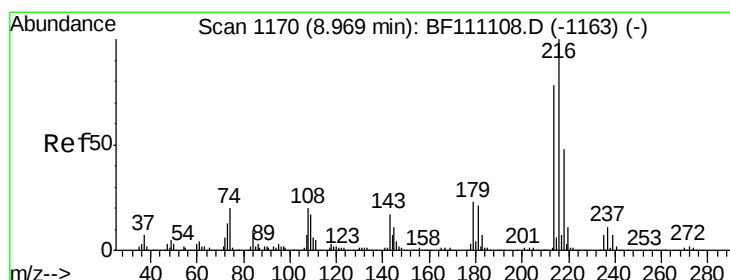
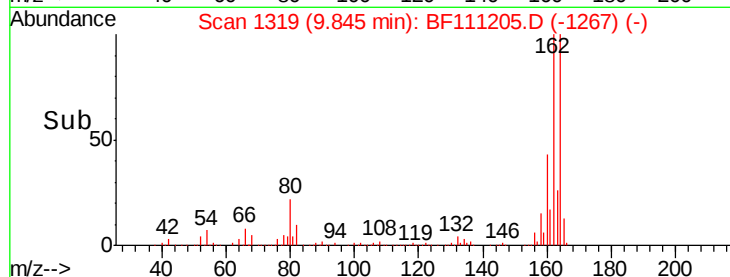
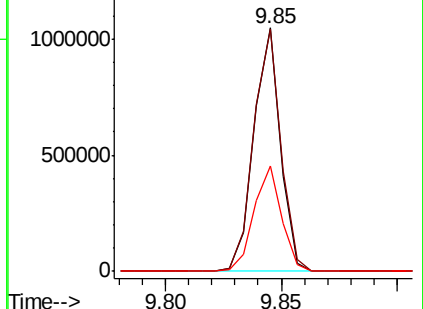
160 43.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.021 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Tgt Ion:216 Resp: 965135

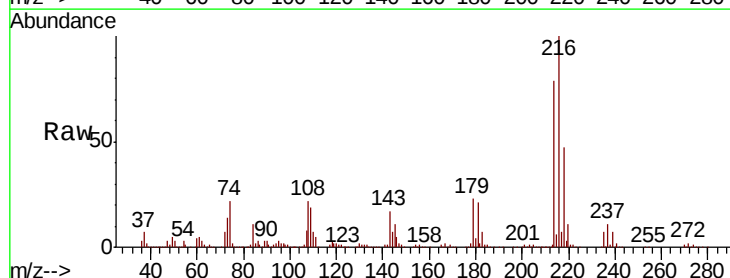
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 22.5 18.5 27.7

108 21.6 19.1 28.7

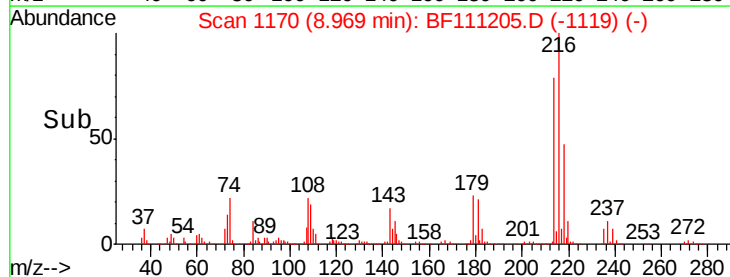
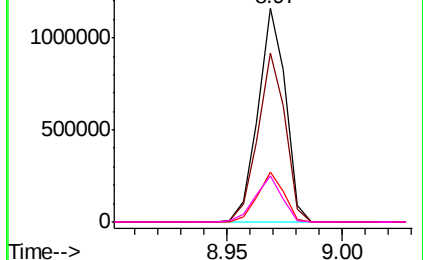


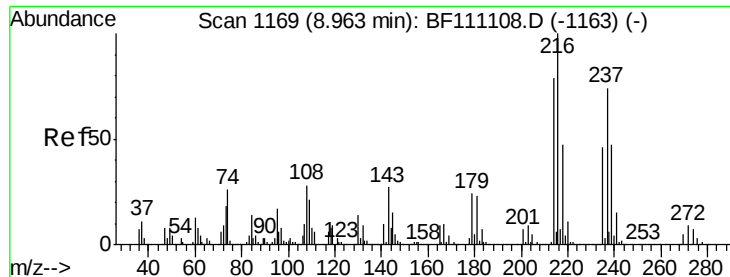
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 25.536 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

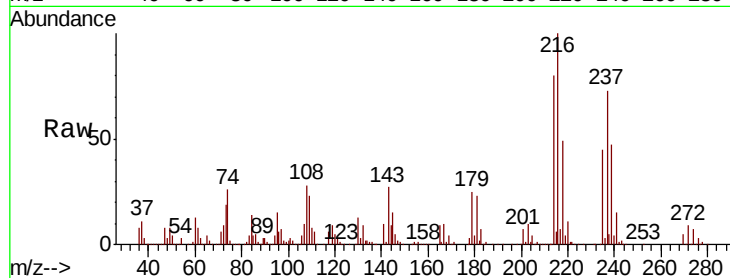
Tgt Ion: 237 Resp: 302077

Ion Ratio Lower Upper

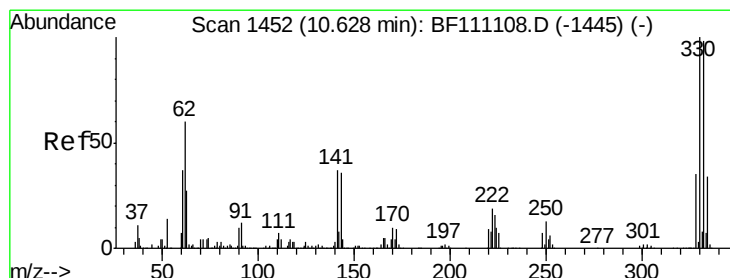
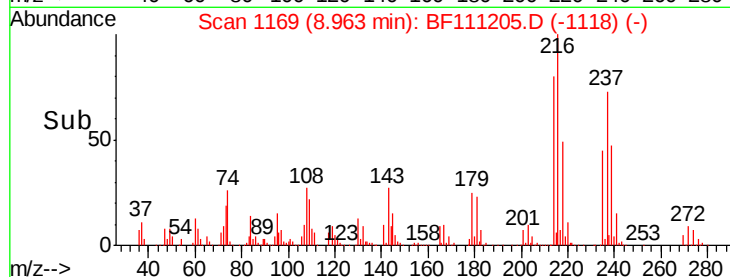
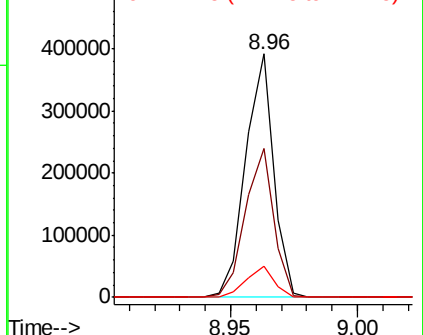
237 100

235 61.0 41.9 81.9

272 12.9 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 70.770 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

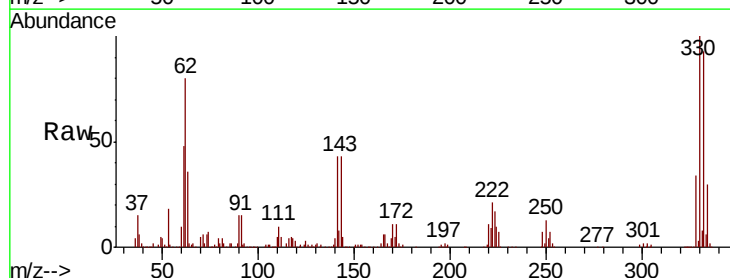
Tgt Ion: 330 Resp: 473514

Ion Ratio Lower Upper

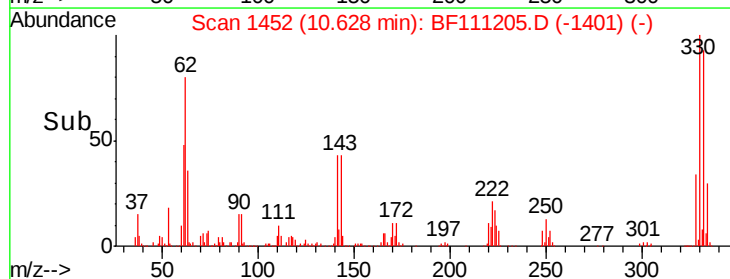
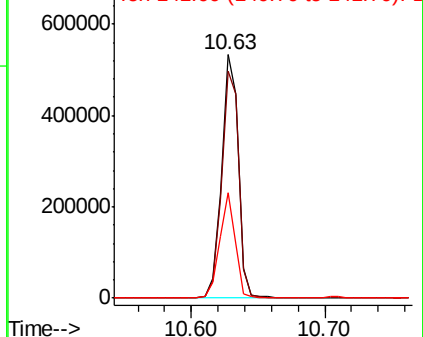
330 100

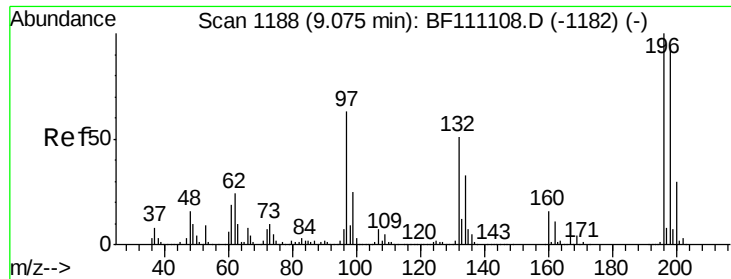
332 95.8 77.2 115.8

141 40.3 36.1 54.1



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

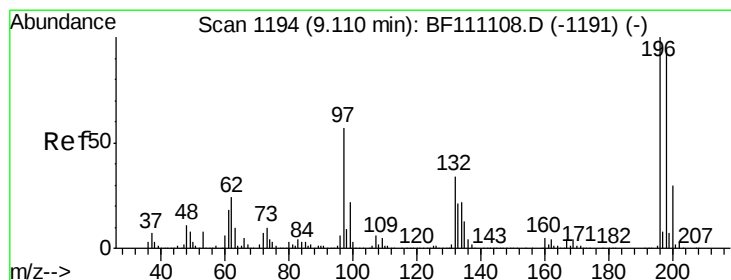
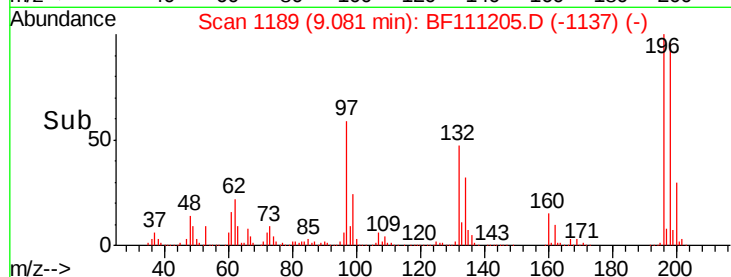
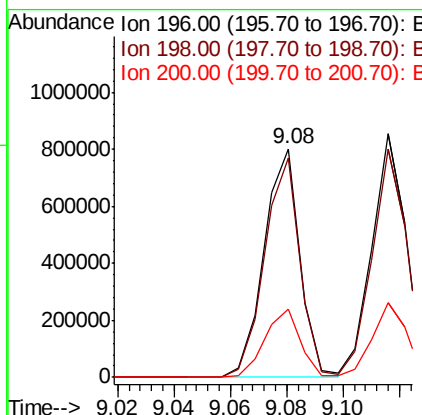
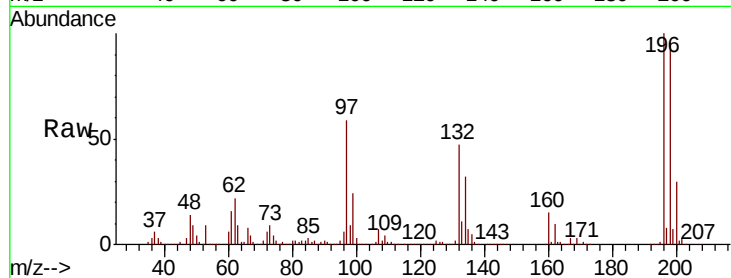




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.100 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

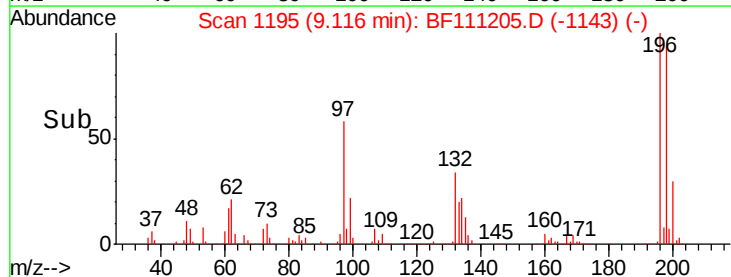
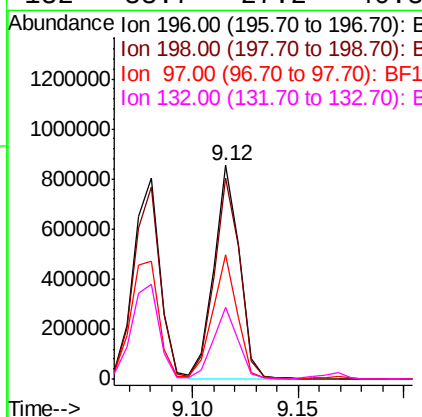
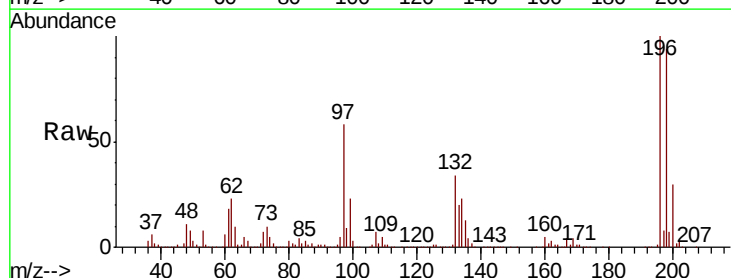
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

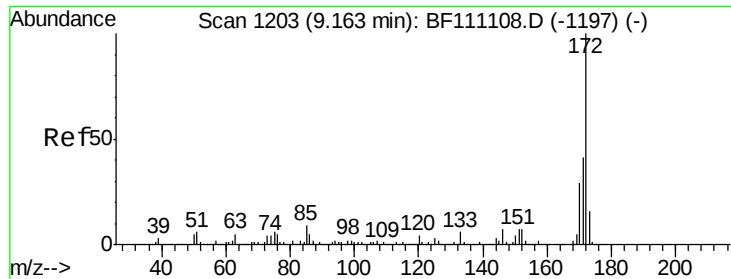
Tgt Ion:196 Resp: 706189  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 75.4 113.0  
 200 29.8 24.2 36.4



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.295 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:196 Resp: 719119  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 75.0 112.4  
 97 58.1 46.2 69.4  
 132 33.7 27.2 40.8

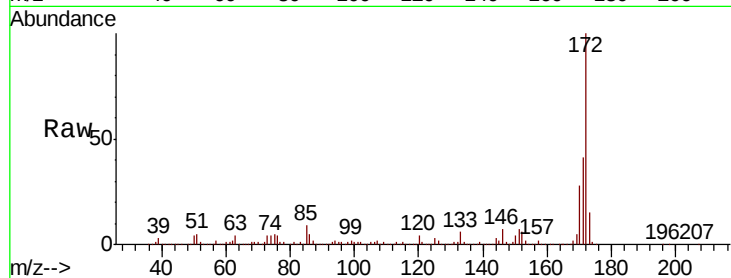




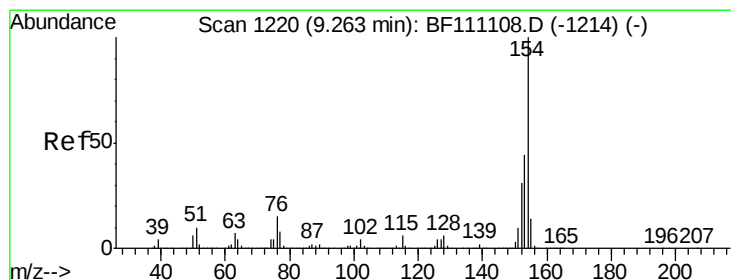
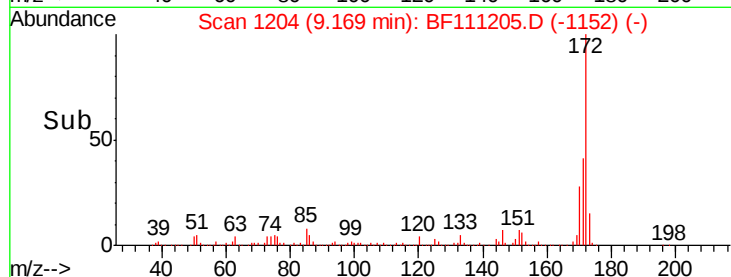
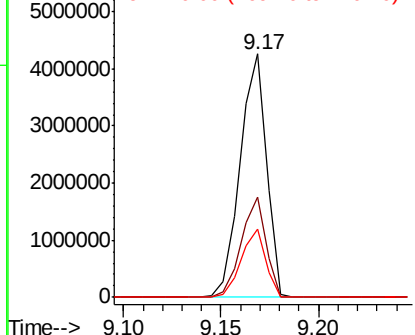
#45  
2-Fluorobiphenyl  
Concen: 88.284 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:172 Resp: 3989339  
Ion Ratio Lower Upper  
172 100  
171 41.3 33.2 49.8  
170 27.9 22.9 34.3

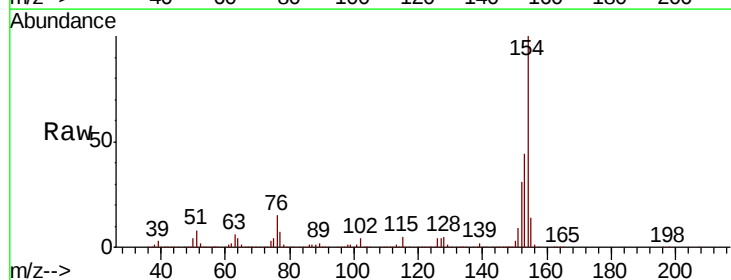


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

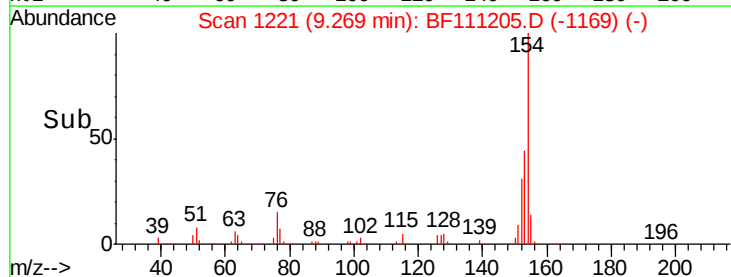
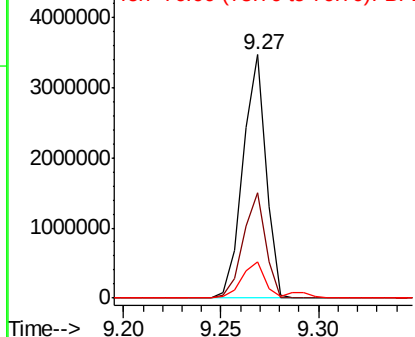


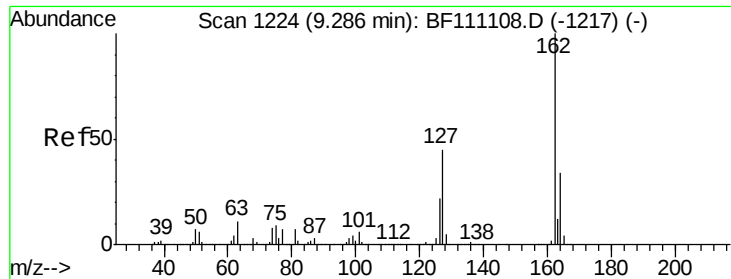
#46  
1,1'-Biphenyl  
Concen: 41.117 ng  
RT: 9.27 min Scan# 1221  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:154 Resp: 2833301  
Ion Ratio Lower Upper  
154 100  
153 43.5 23.7 63.7  
76 14.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

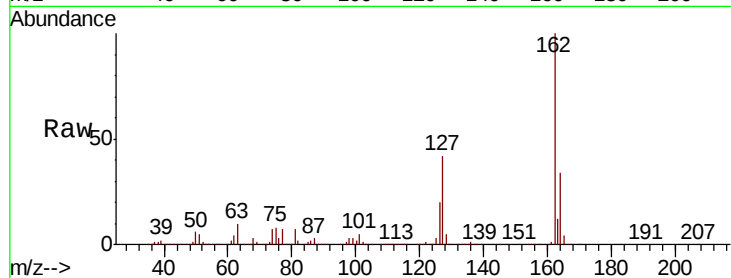




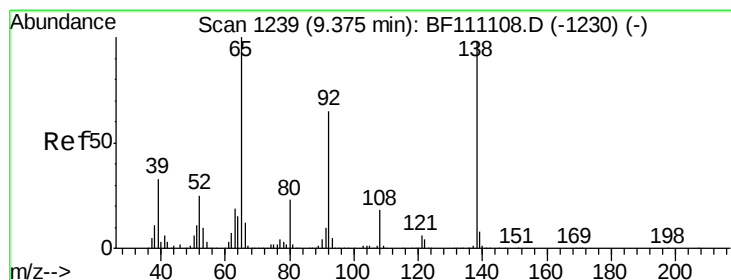
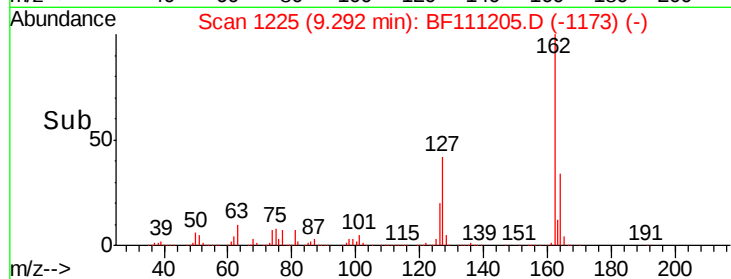
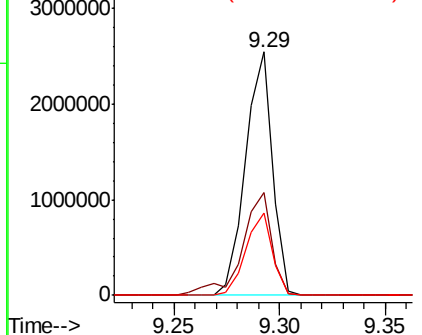
#47  
 2-Chloronaphthalene  
 Concen: 42.102 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 162 Resp: 2254385  
 Ion Ratio Lower Upper  
 162 100  
 127 42.5 36.4 54.6  
 164 33.6 27.3 40.9

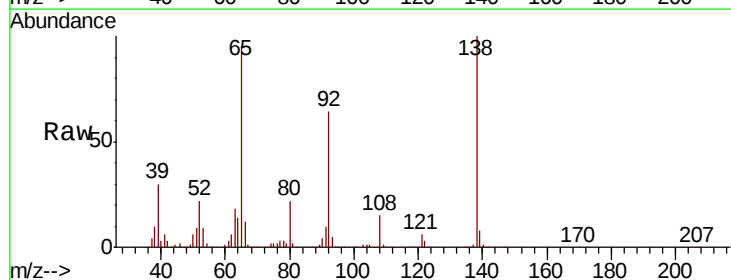


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

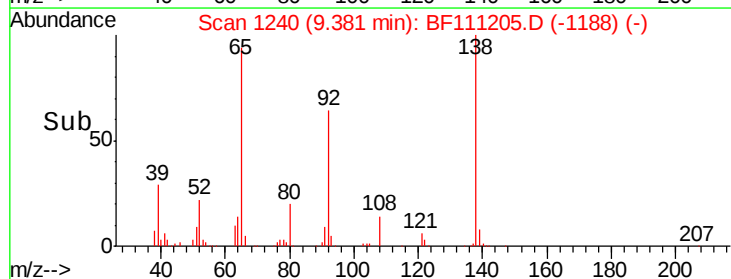
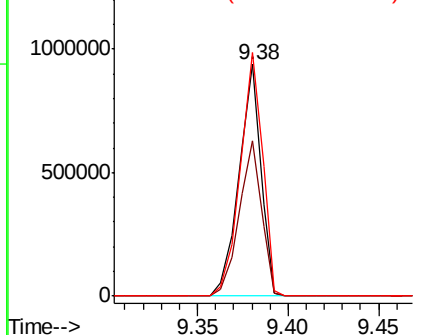


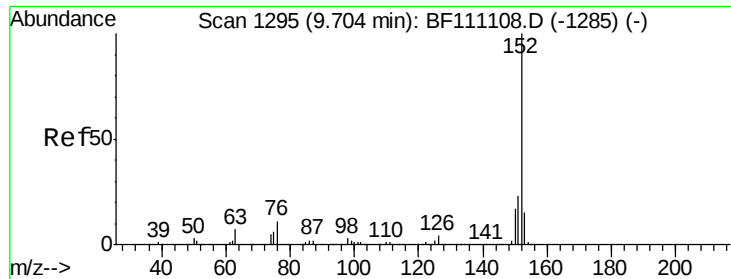
#48  
 2-Nitroaniline  
 Concen: 45.404 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 65 Resp: 787877  
 Ion Ratio Lower Upper  
 65 100  
 92 66.8 52.1 78.1  
 138 105.1 78.2 117.4



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

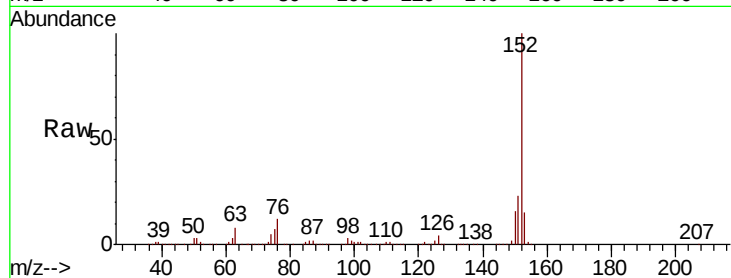




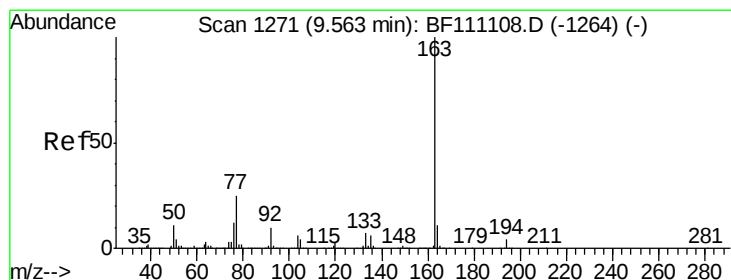
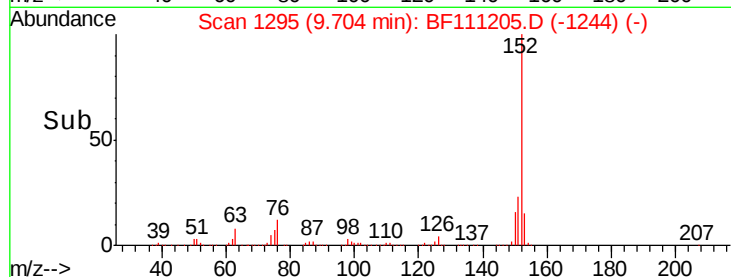
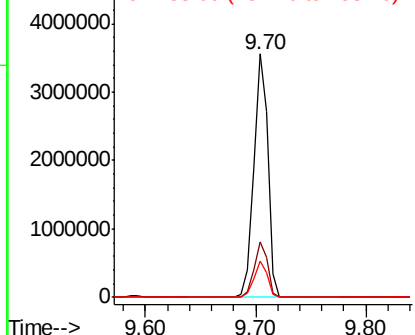
#49  
Acenaphthylene  
Concen: 42.369 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 3171176  
Ion Ratio Lower Upper  
152 100  
151 22.6 18.3 27.5  
153 15.1 11.8 17.8

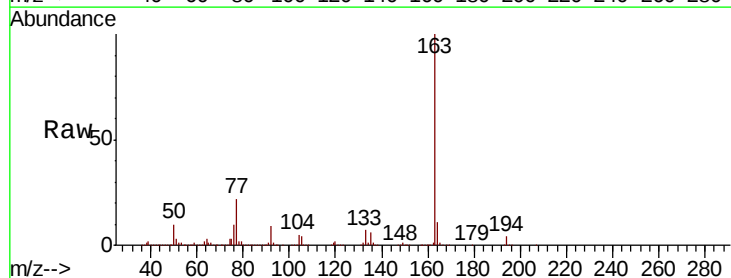


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

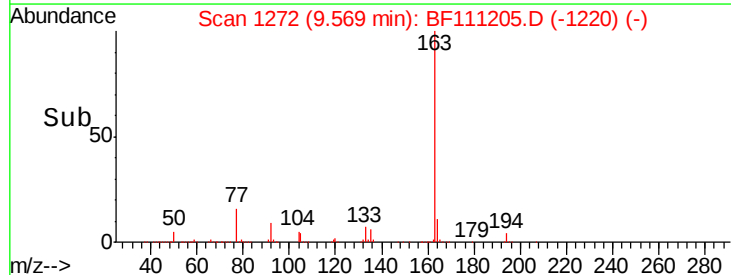
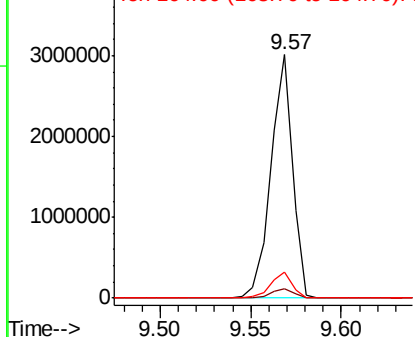


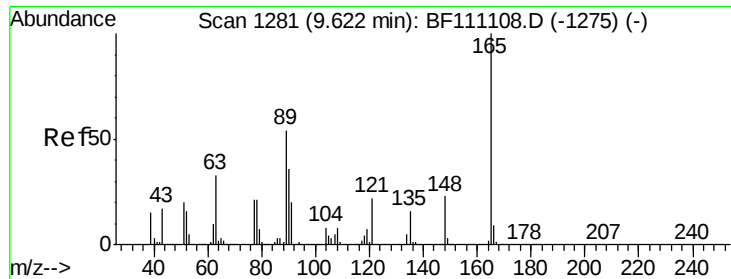
#50  
Dimethylphthalate  
Concen: 42.577 ng  
RT: 9.57 min Scan# 1272  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:163 Resp: 2494278  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.6 8.9 13.3



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

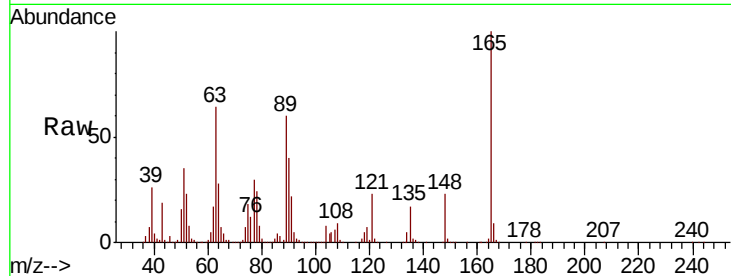




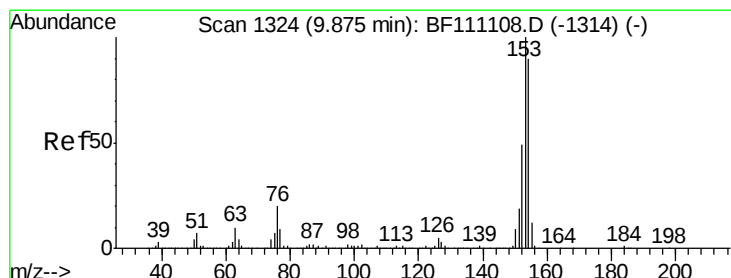
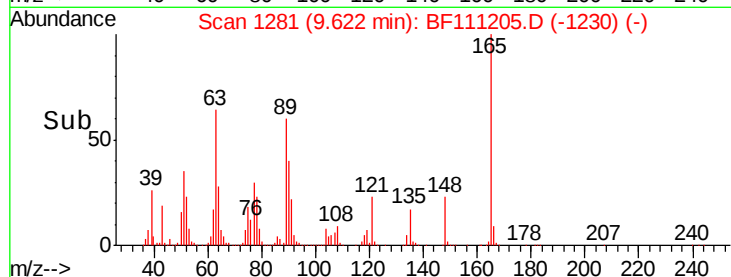
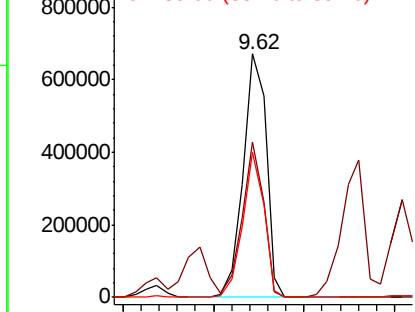
#51  
 2,6-Dinitrotoluene  
 Concen: 47.613 ng  
 RT: 9.62 min Scan# 1281  
 Delta R.T. -0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:165 Resp: 591370  
 Ion Ratio Lower Upper  
 165 100  
 63 63.6 44.7 67.1  
 89 59.7 43.0 64.4

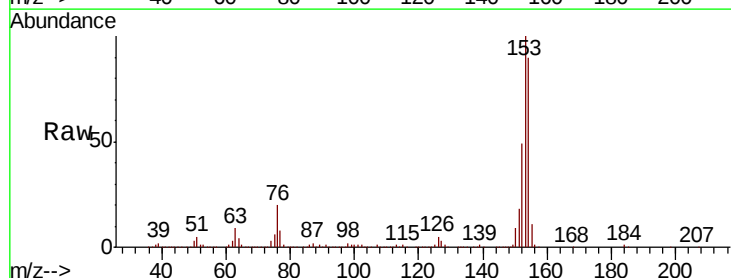


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

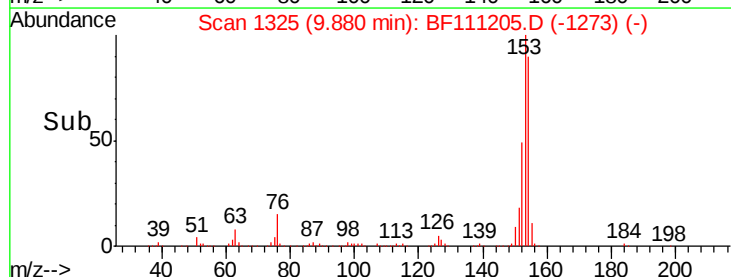
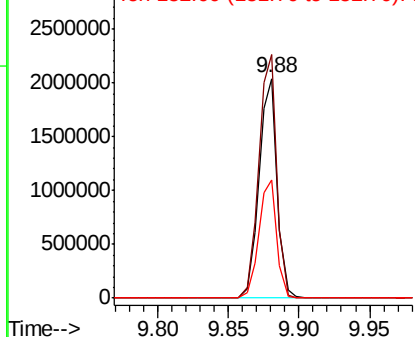


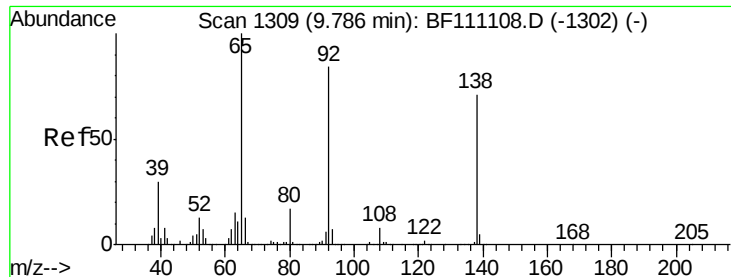
#52  
 Acenaphthene  
 Concen: 37.486 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:154 Resp: 1853551  
 Ion Ratio Lower Upper  
 154 100  
 153 111.0 88.7 133.1  
 152 54.2 43.8 65.8



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

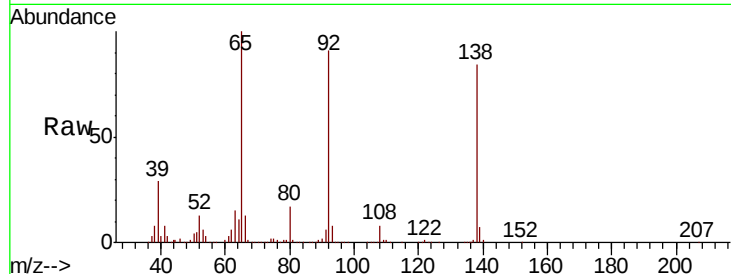




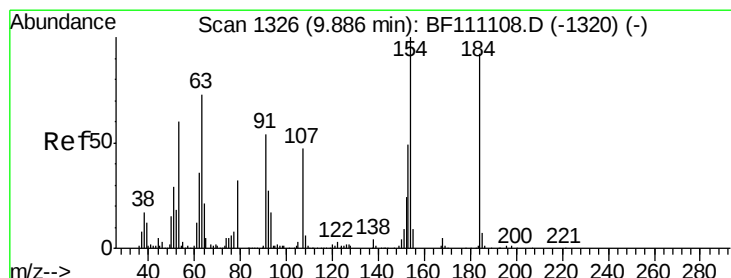
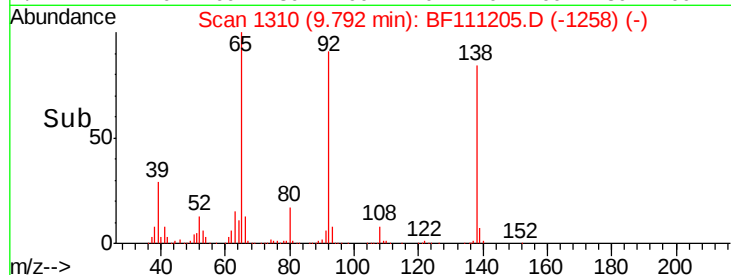
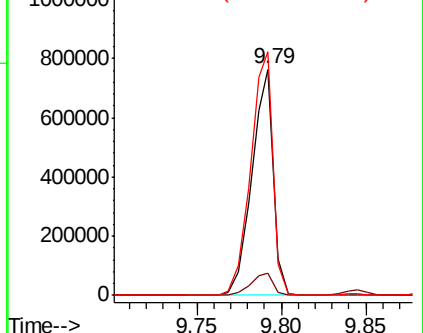
#53  
 3-Nitroaniline  
 Concen: 43.330 ng  
 RT: 9.79 min Scan# 1310  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:138 Resp: 676011  
 Ion Ratio Lower Upper  
 138 100  
 108 9.9 9.4 14.0  
 92 107.7 94.1 141.1

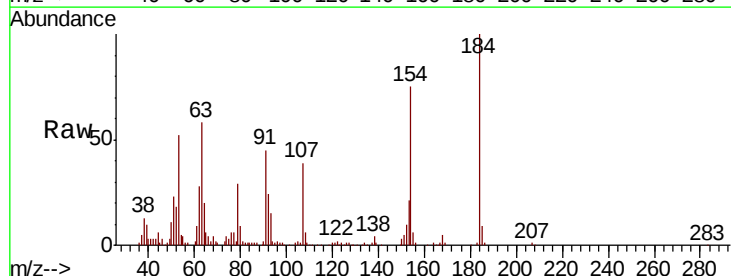


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

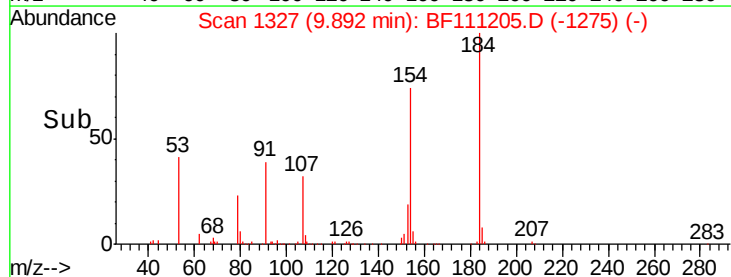
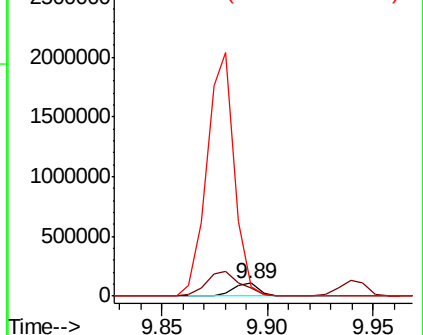


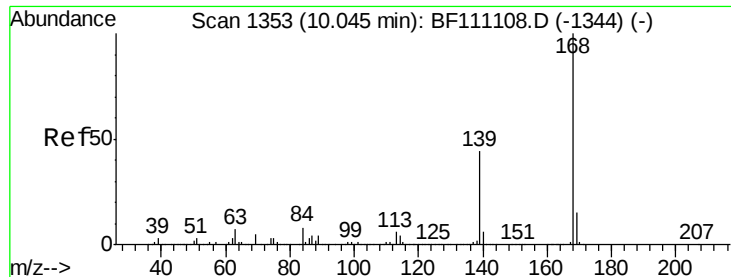
#54  
 2,4-Dinitrophenol  
 Concen: 27.238 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:184 Resp: 88510  
 Ion Ratio Lower Upper  
 184 100  
 63 57.9 64.2 96.4#  
 154 74.9 89.5 134.3#



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 154.00 (153.70 to 154.70): E

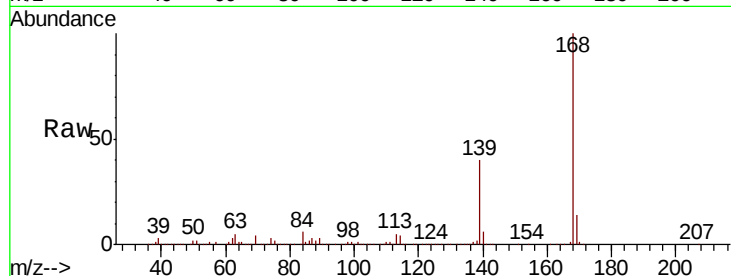




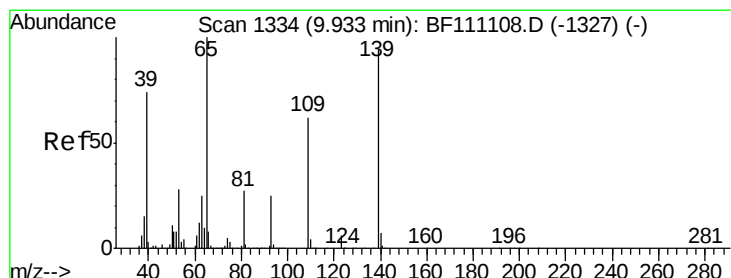
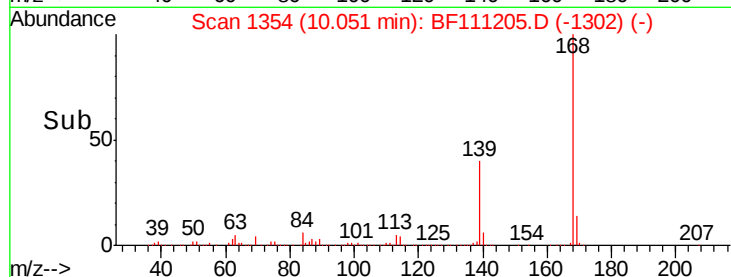
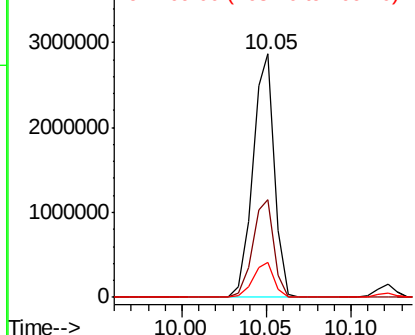
#55  
Dibenzofuran  
Concen: 37.378 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 2545629  
Ion Ratio Lower Upper  
168 100  
139 40.0 35.1 52.7  
169 14.2 12.2 18.4

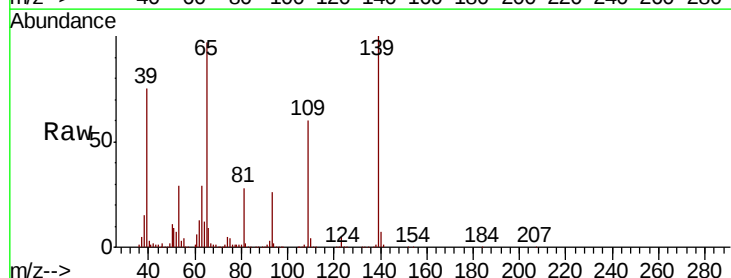


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

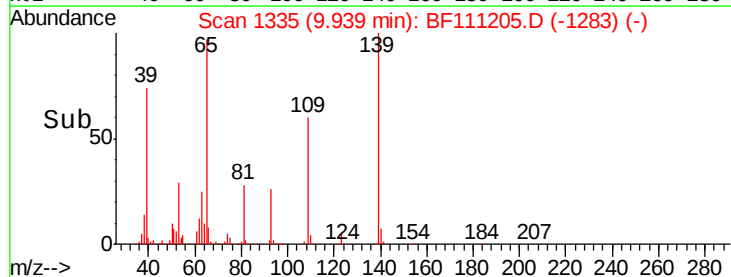
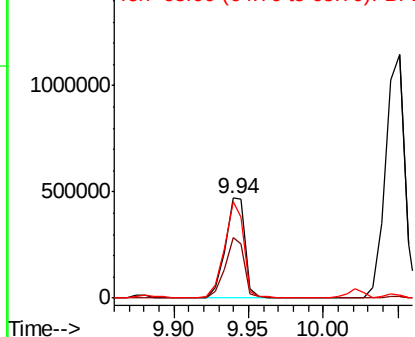


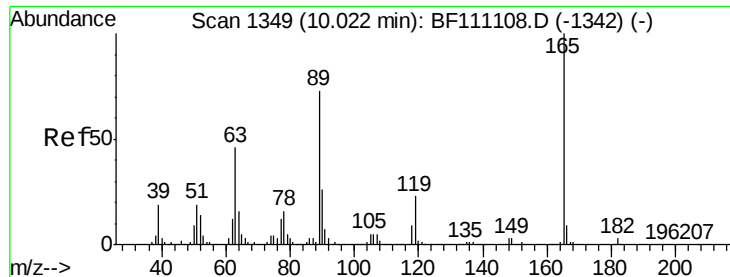
#56  
4-Nitrophenol  
Concen: 38.014 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:139 Resp: 446910  
Ion Ratio Lower Upper  
139 100  
109 60.2 46.1 86.1  
65 97.3 87.0 127.0



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

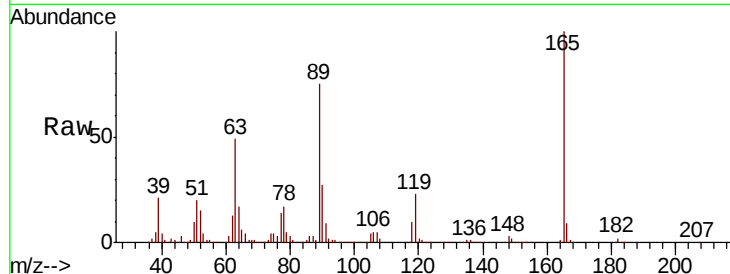




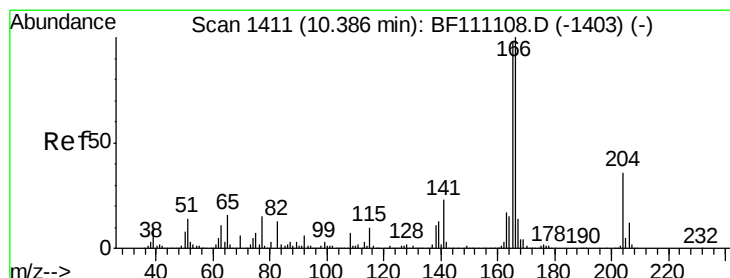
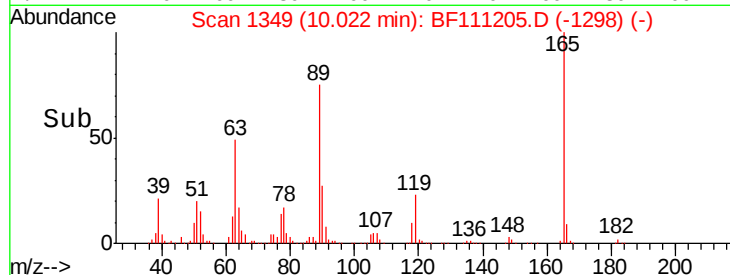
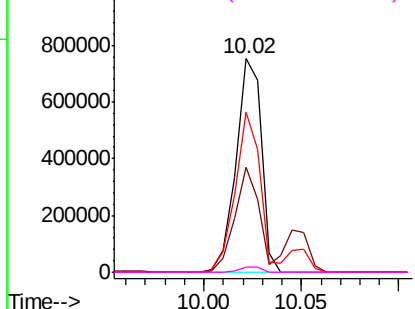
#57  
2,4-Dinitrotoluene  
Concen: 42.360 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. 0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 679502  
Ion Ratio Lower Upper  
165 100  
63 49.3 36.7 55.1  
89 75.1 58.4 87.6  
182 2.2 2.1 3.1

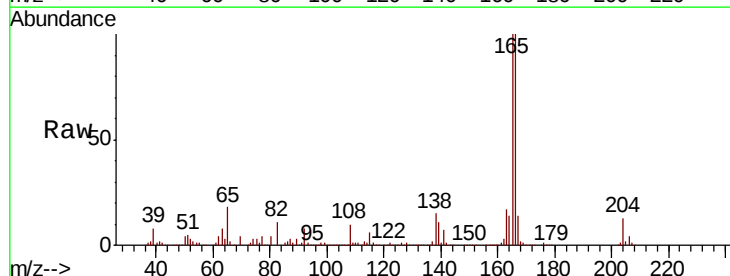


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

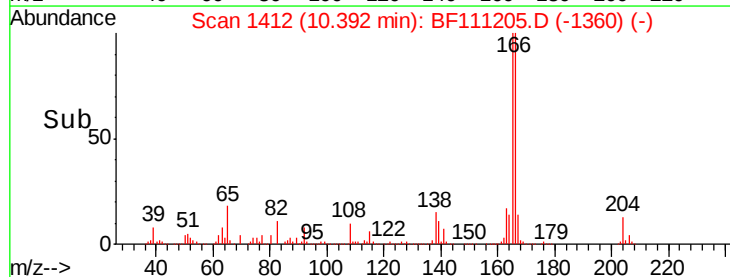
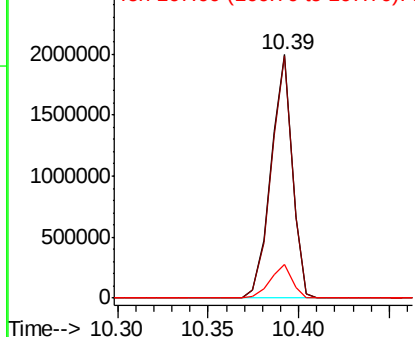


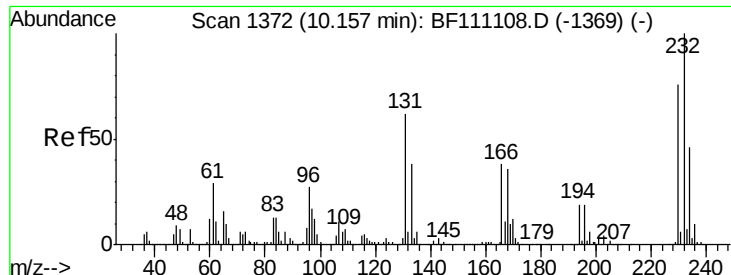
#58  
Fluorene  
Concen: 33.998 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:166 Resp: 1632808  
Ion Ratio Lower Upper  
166 100  
165 99.8 78.4 117.6  
167 13.8 11.4 17.2



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

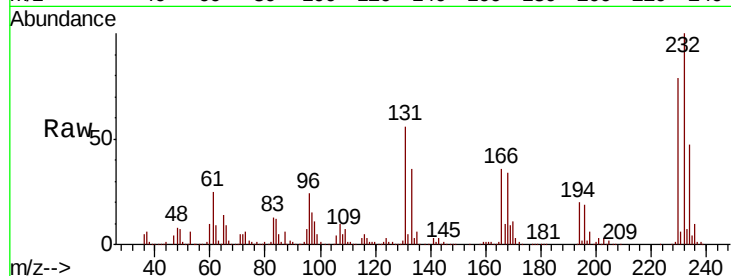




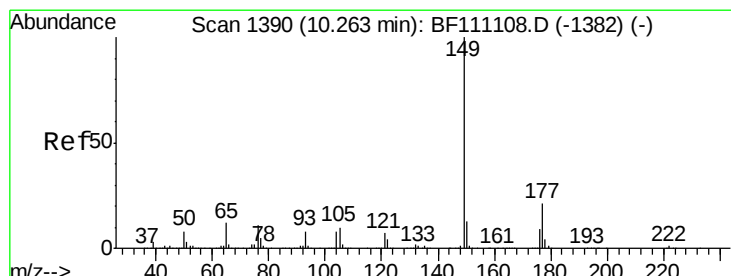
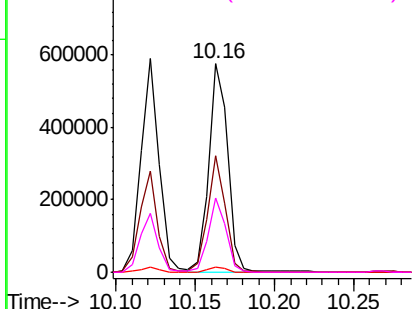
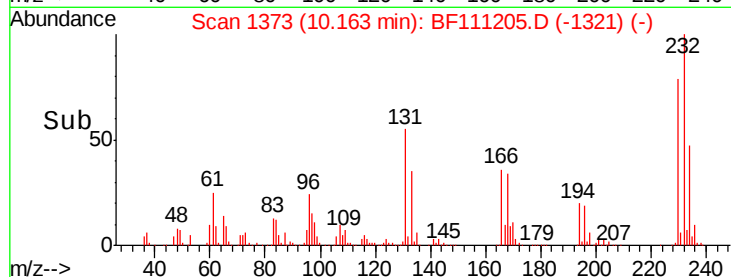
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.925 ng  
 RT: 10.16 min Scan# 1373  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 232 Resp: 482535  
 Ion Ratio Lower Upper  
 232 100  
 131 53.0 40.4 60.6  
 130 2.5 2.1 3.1  
 166 34.1 23.0 34.6

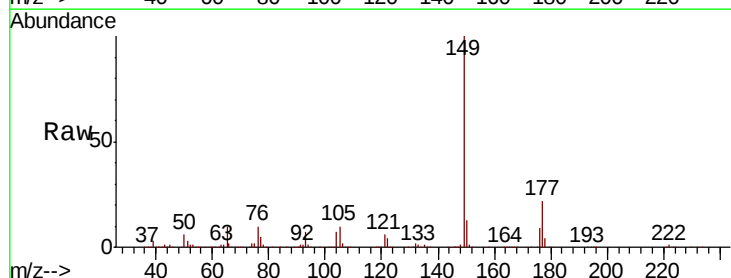


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

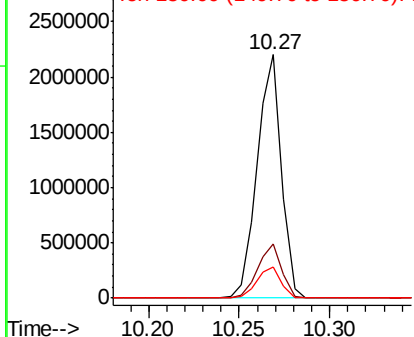
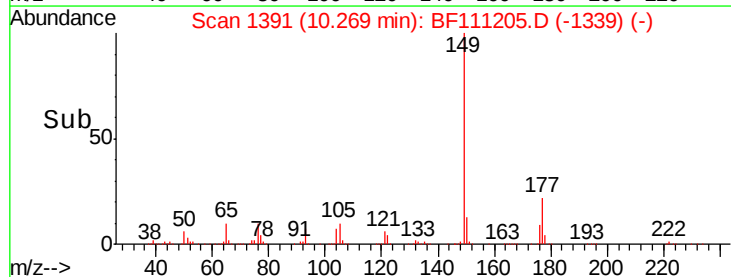


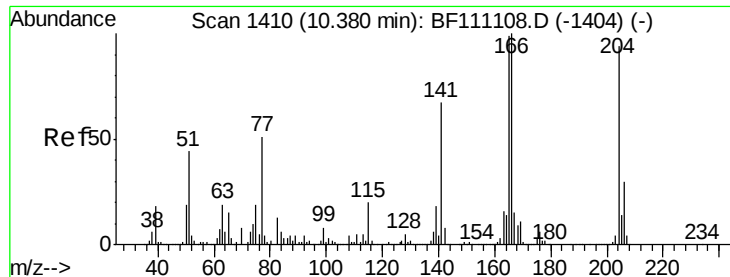
#60  
 Diethylphthalate  
 Concen: 34.765 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion: 149 Resp: 2035307  
 Ion Ratio Lower Upper  
 149 100  
 177 22.3 17.0 25.6  
 150 12.8 10.5 15.7



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

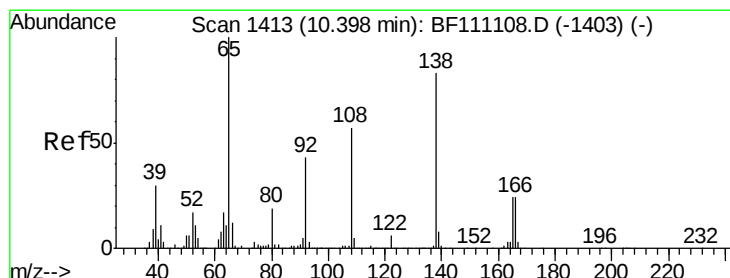
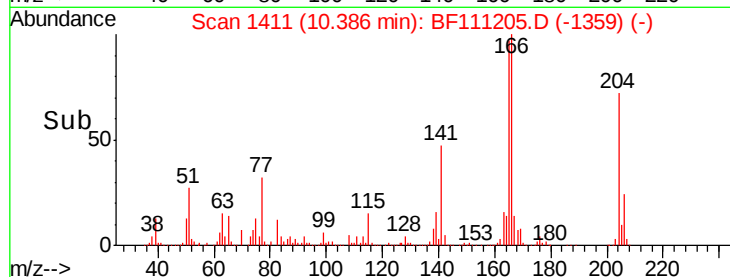
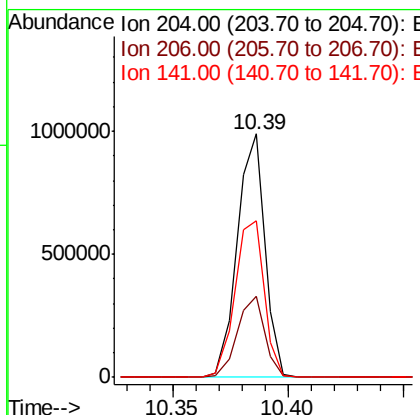
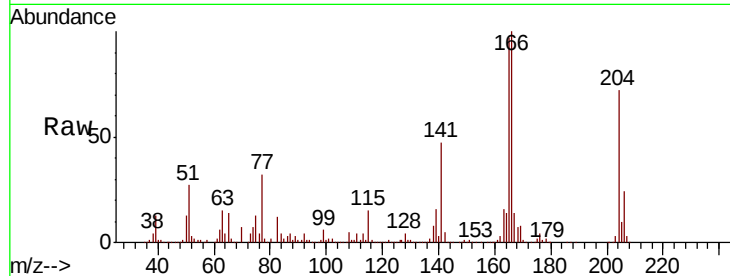




#61  
 4-Chlorophenyl-phenylether  
 Concen: 34.912 ng  
 RT: 10.39 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

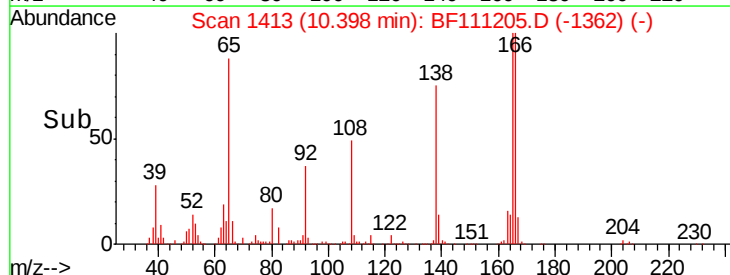
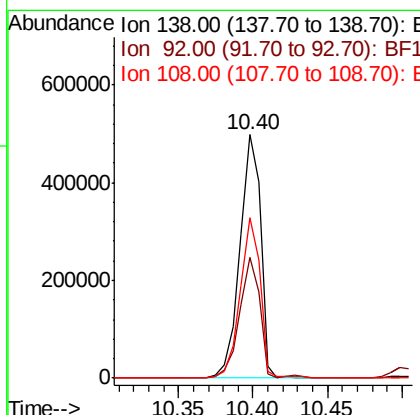
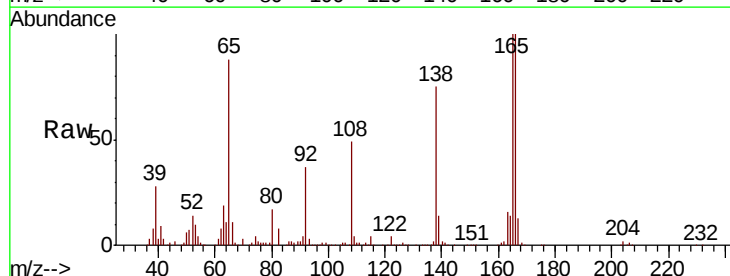
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

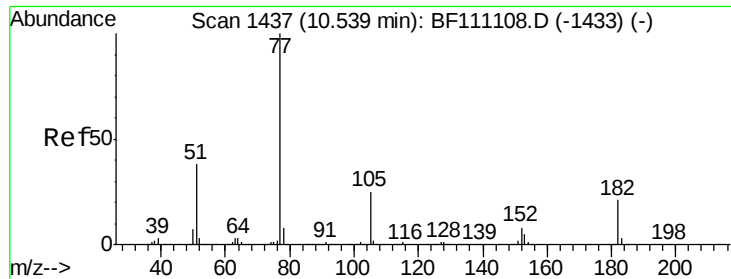
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 25.9  | 38.9  |
| 141     | 64.5  | 57.4  | 86.0  |



#62  
 4-Nitroaniline  
 Concen: 34.394 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.3  | 31.6  | 71.6  |
| 108     | 65.9  | 48.3  | 88.3  |

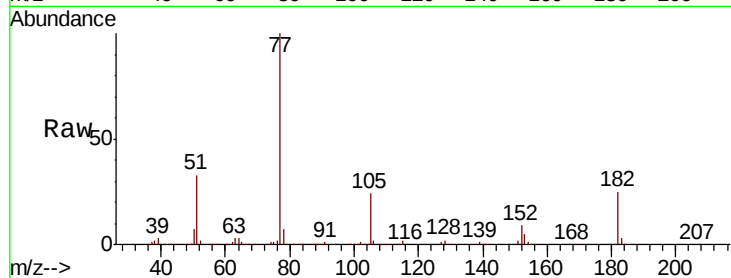




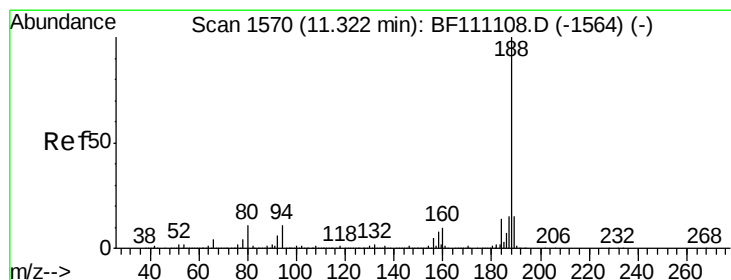
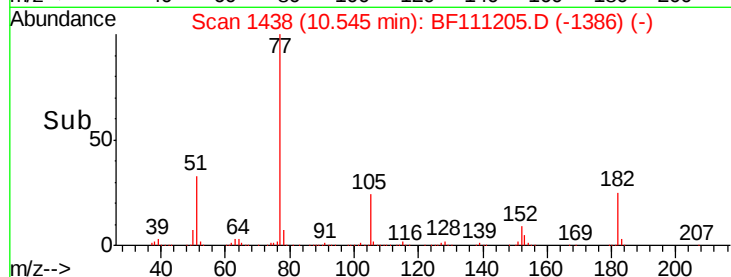
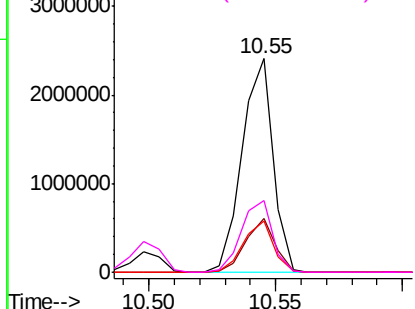
#63  
Azobenzene  
Concen: 32.782 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 2043275  
Ion Ratio Lower Upper  
77 100  
182 25.0 1.4 41.4  
105 23.9 4.7 44.7  
51 33.5 18.0 58.0

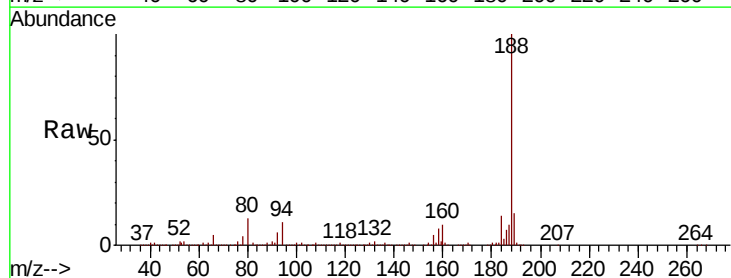


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

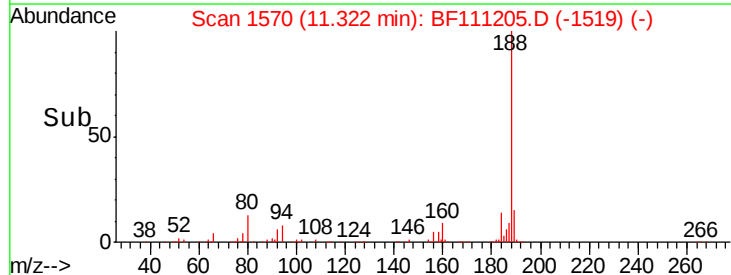
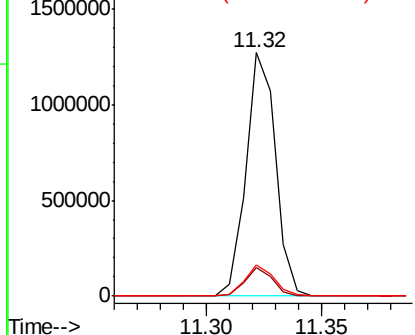


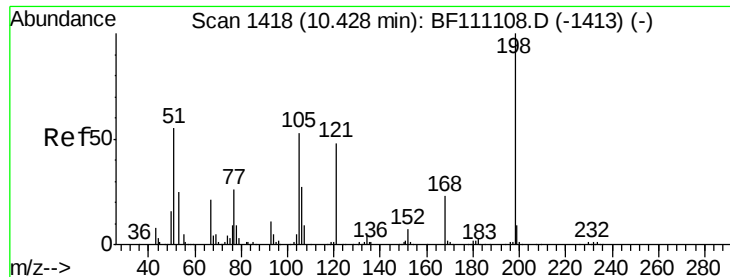
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion: 188 Resp: 1138575  
Ion Ratio Lower Upper  
188 100  
94 11.5 8.5 12.7  
80 12.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.386 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

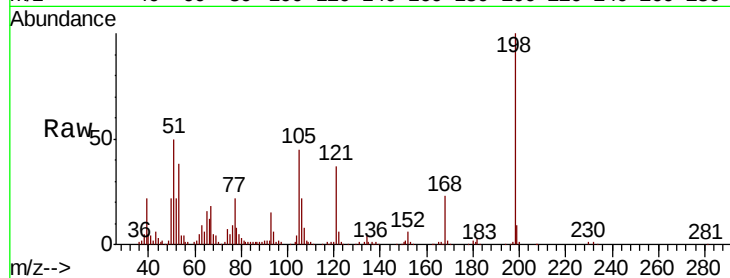
Tgt Ion:198 Resp: 147635

Ion Ratio Lower Upper

198 100

51 49.7 48.8 88.8

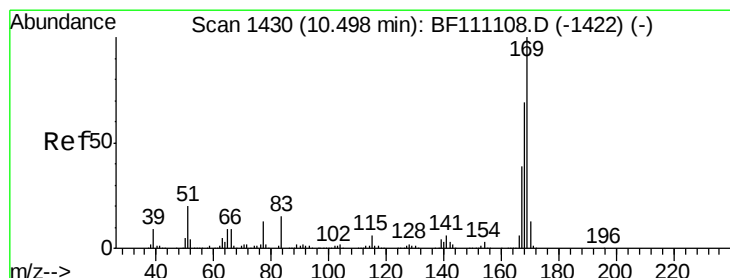
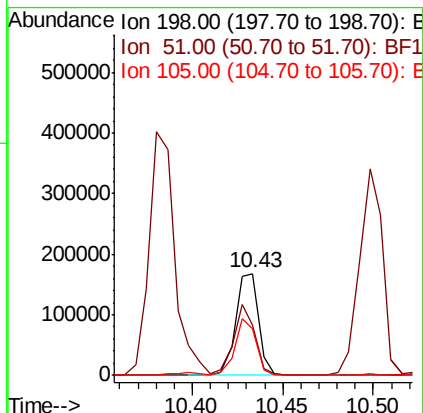
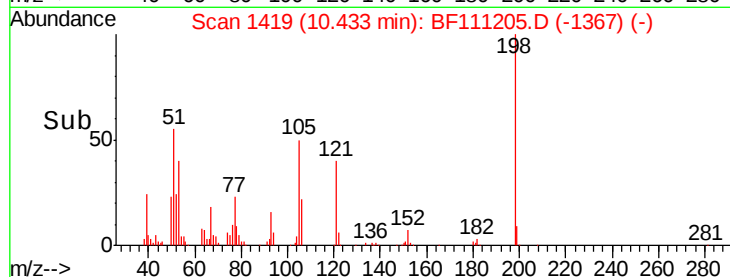
105 45.1 35.2 75.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.766 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

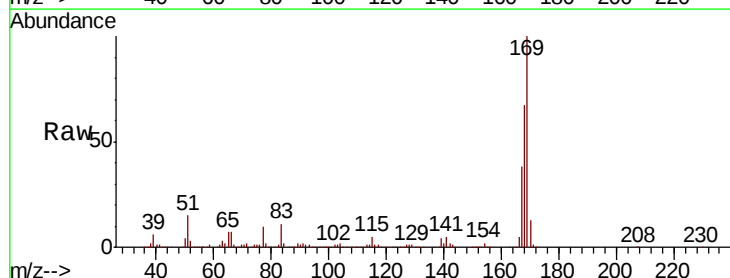
Tgt Ion:169 Resp: 1665102

Ion Ratio Lower Upper

169 100

168 67.1 55.4 83.2

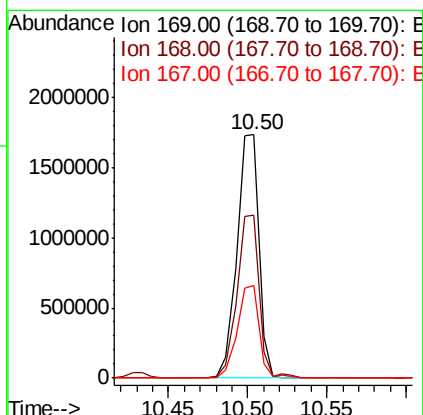
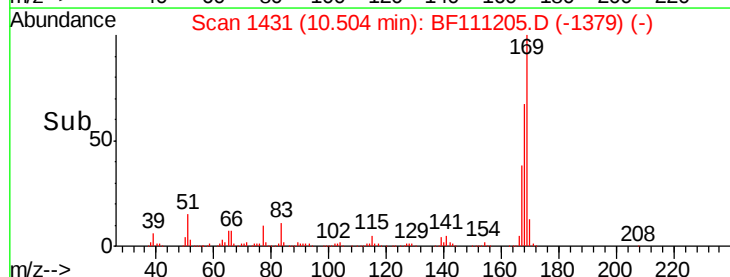
167 38.0 31.1 46.7

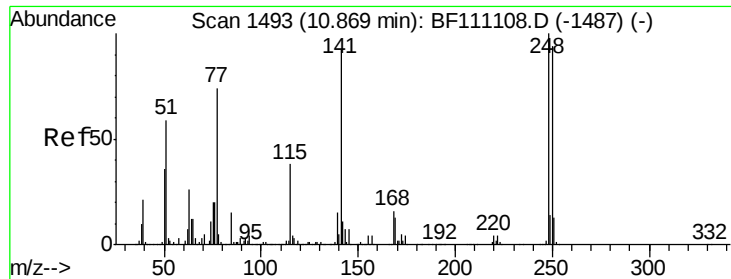


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

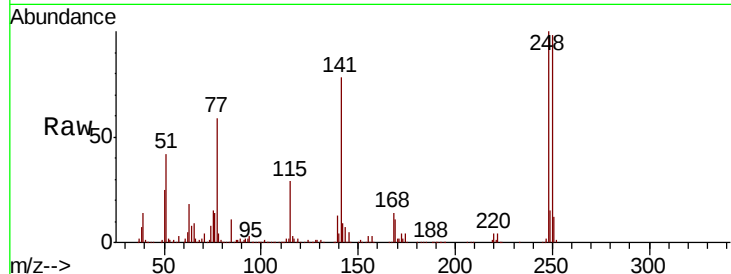




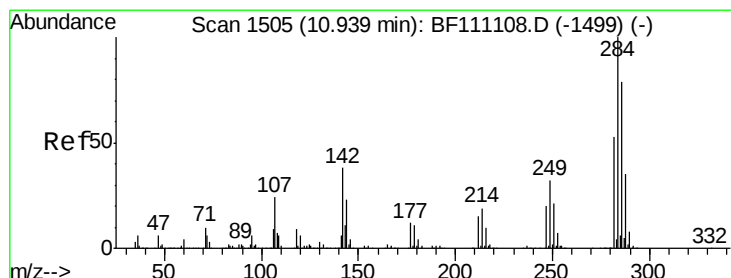
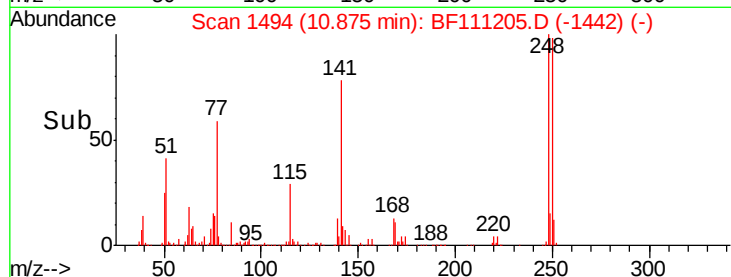
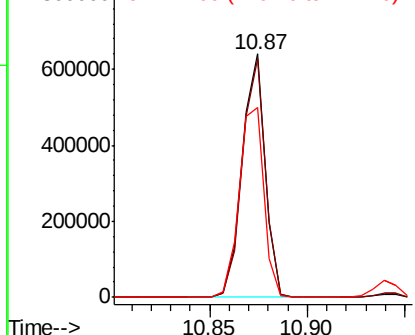
#67  
4-Bromophenyl-phenylether  
Concen: 43.212 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 520817  
Ion Ratio Lower Upper  
248 100  
250 97.8 75.4 113.0  
141 77.8 73.8 110.6

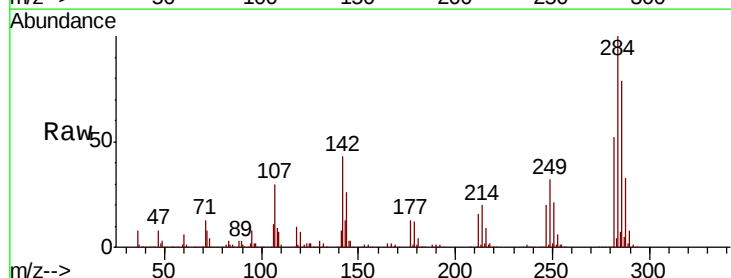


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

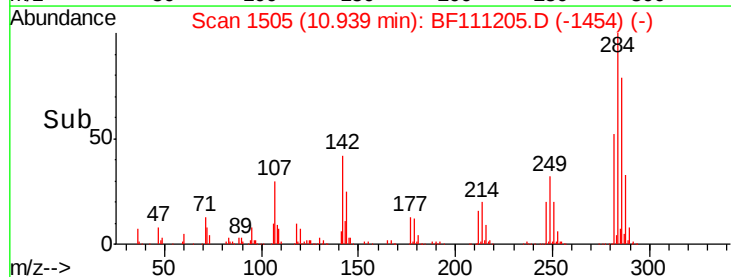
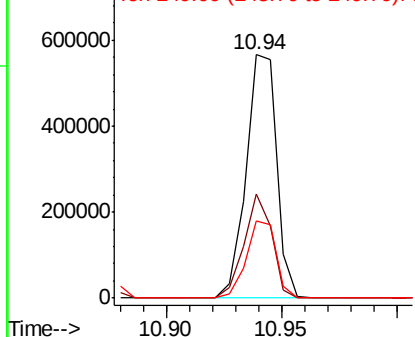


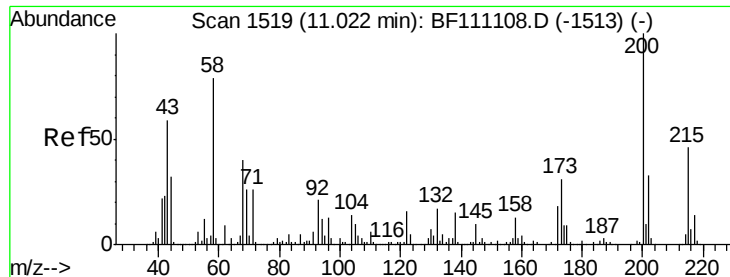
#68  
Hexachlorobenzene  
Concen: 42.500 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:284 Resp: 523775  
Ion Ratio Lower Upper  
284 100  
142 42.7 30.2 45.2  
249 31.9 25.3 37.9



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

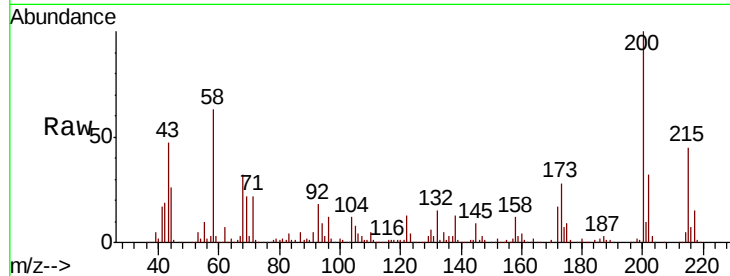




#69  
Atrazine  
Concen: Below Cal  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.3  | 11.3  | 51.3  |
| 215     | 45.1  | 25.9  | 65.9  |

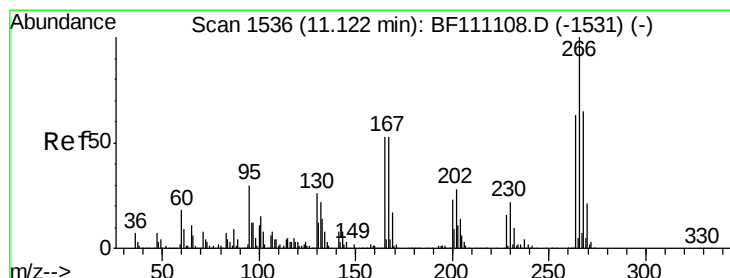
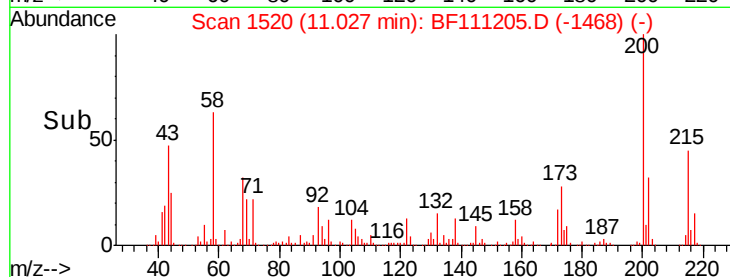
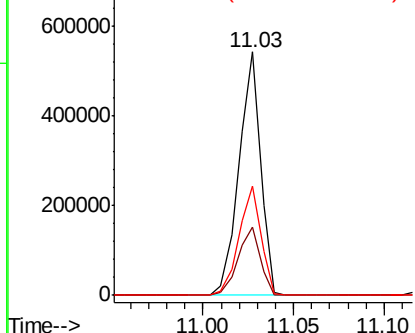


Abundance

Ion 200.00 (199.70 to 200.70): E

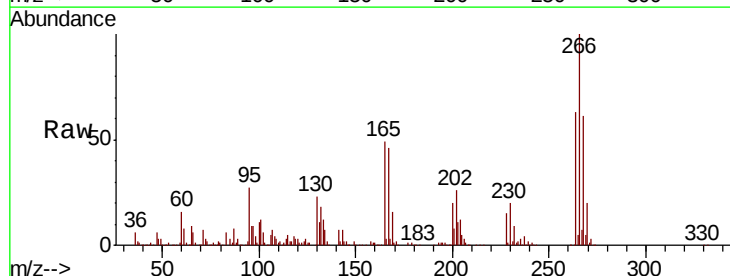
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 40.027 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.4  | 52.2  | 78.4  |
| 264     | 63.0  | 50.8  | 76.2  |

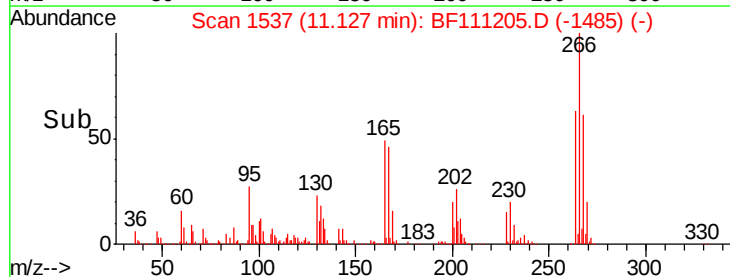
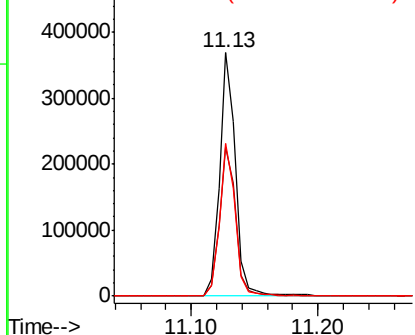


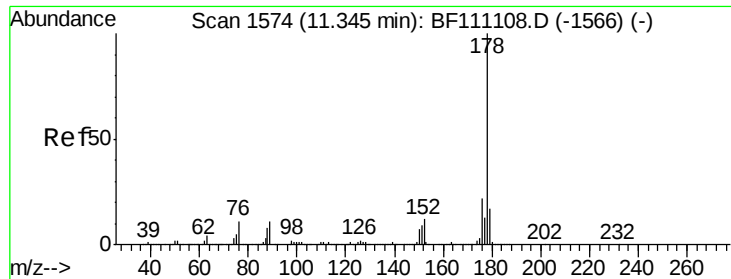
Abundance

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

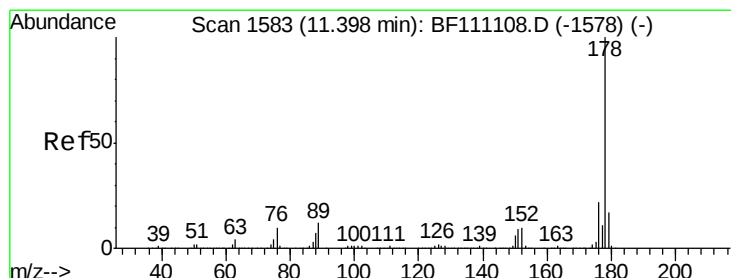
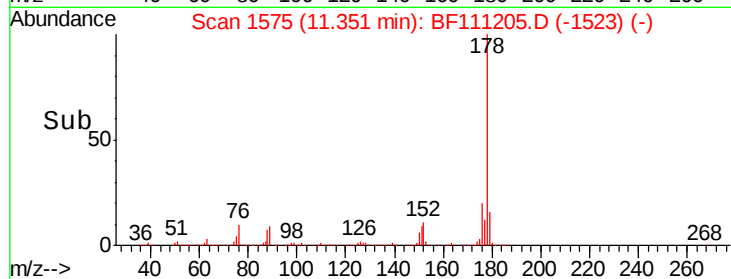
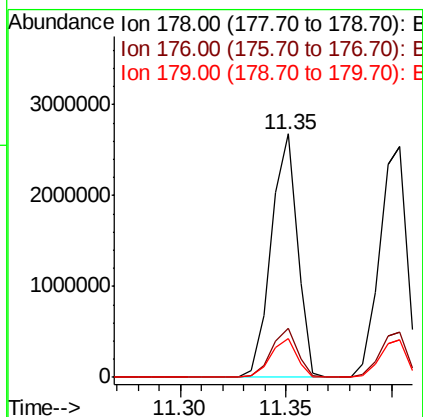
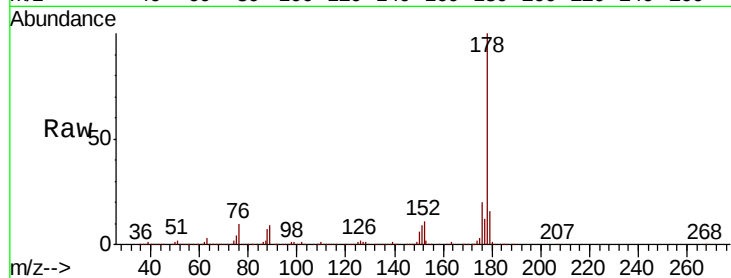




#71  
Phenanthrene  
Concen: 42.345 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

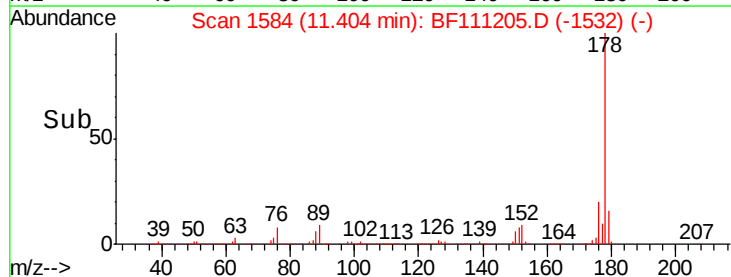
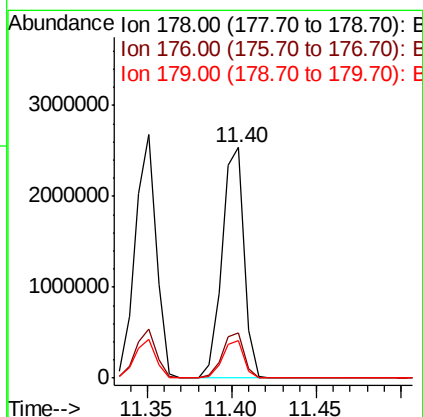
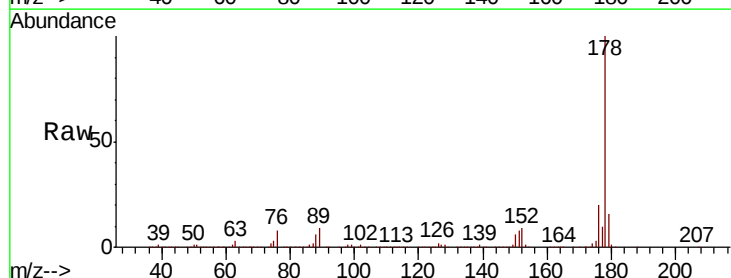
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

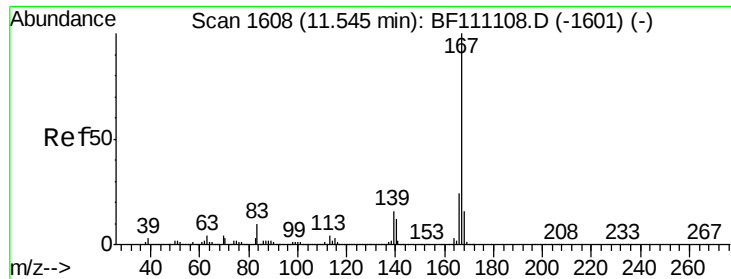
Tgt Ion:178 Resp: 2319098  
Ion Ratio Lower Upper  
178 100  
176 20.3 17.7 26.5  
179 15.9 14.0 21.0



#72  
Anthracene  
Concen: 41.665 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:178 Resp: 2300115  
Ion Ratio Lower Upper  
178 100  
176 19.9 17.3 25.9  
179 16.1 13.8 20.8

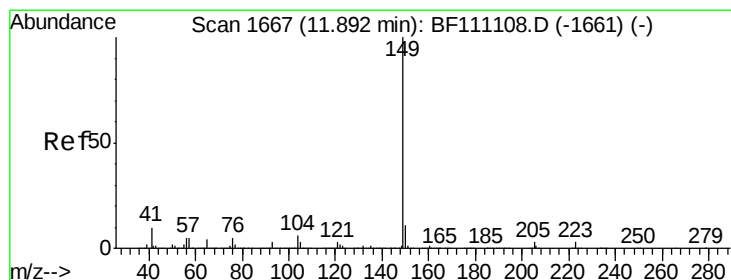
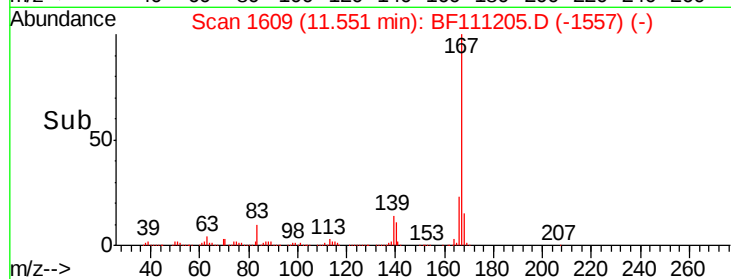
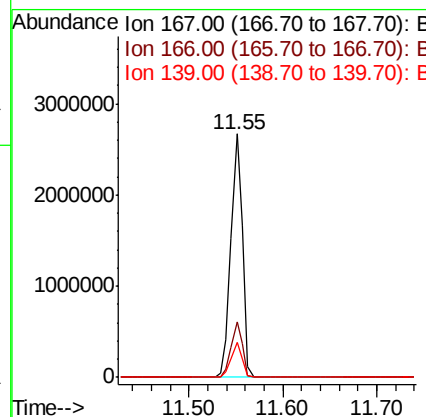
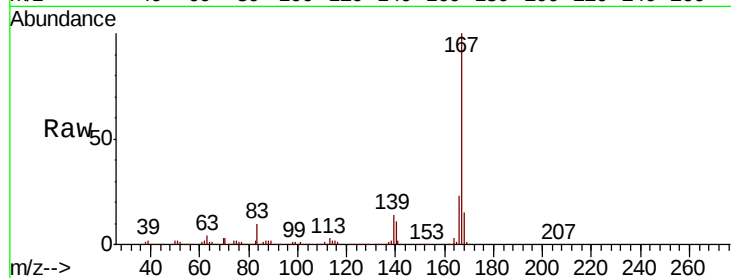




#73  
 Carbazole  
 Concen: 39.650 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

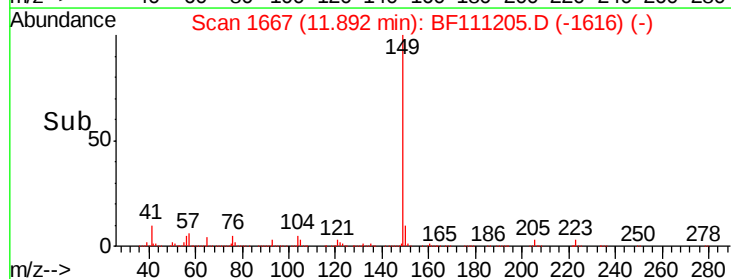
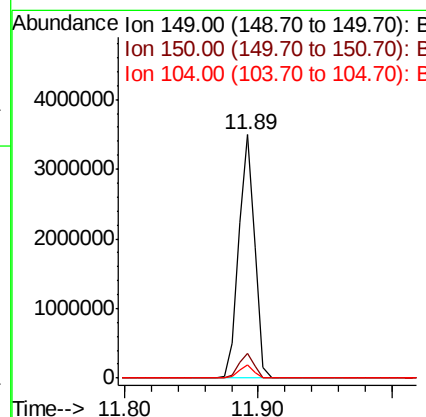
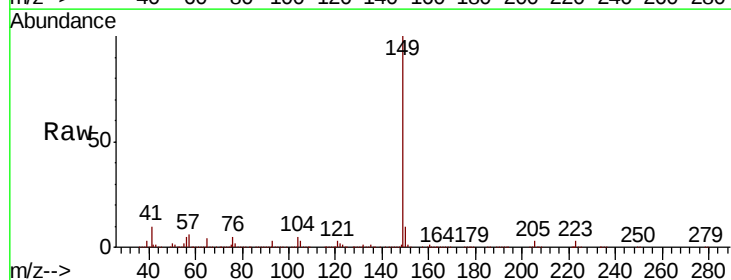
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

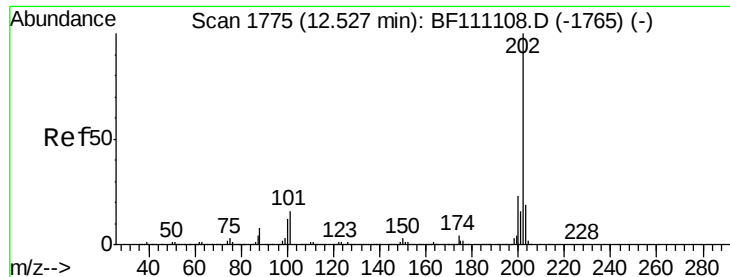
Tgt Ion:167 Resp: 2277609  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 19.4 29.0  
 139 14.1 12.6 18.8



#74  
 Di-n-butylphthalate  
 Concen: 43.592 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:149 Resp: 2931239  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 8.6 12.8  
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 44.163 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

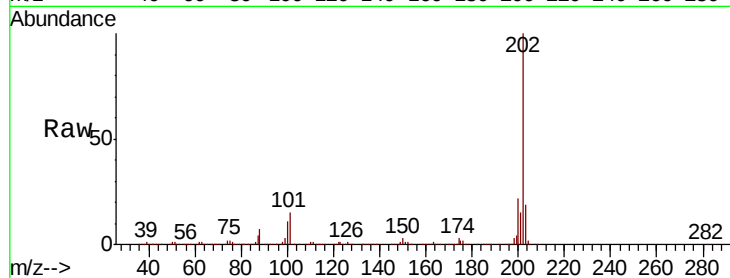
Tgt Ion:202 Resp: 2366782

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.8

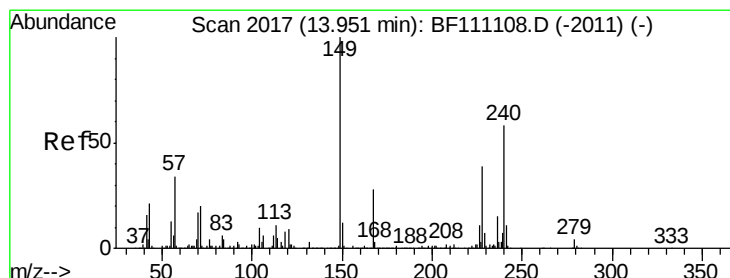
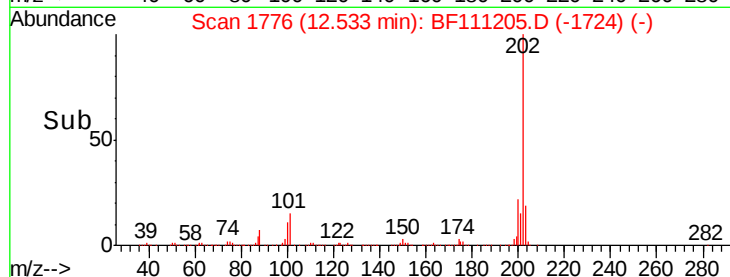
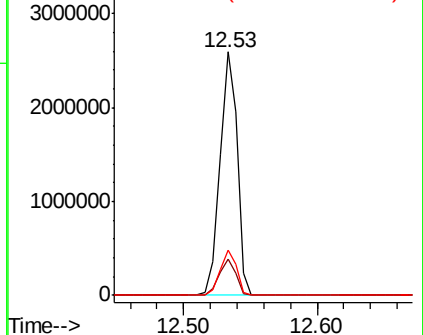
203 18.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

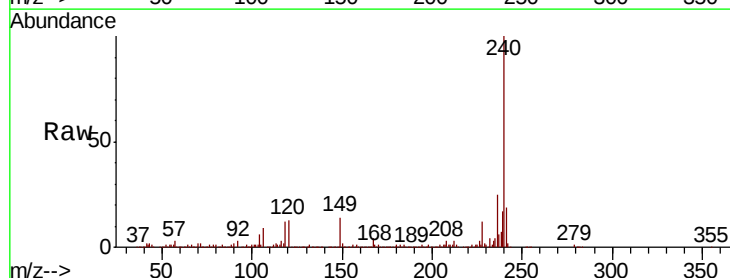
Tgt Ion:240 Resp: 871879

Ion Ratio Lower Upper

240 100

120 12.7 12.8 19.2#

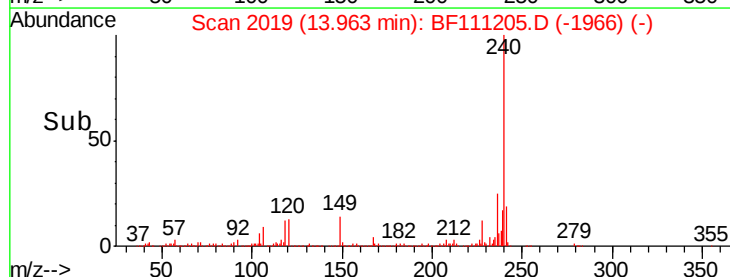
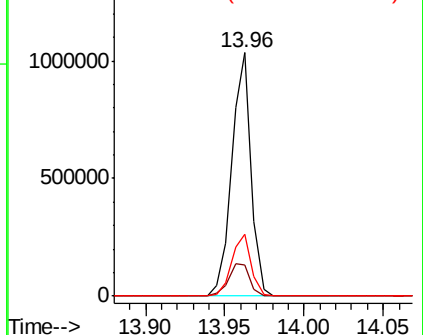
236 25.3 21.1 31.7

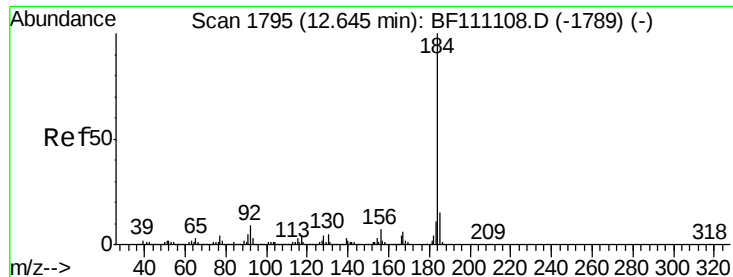


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.477 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

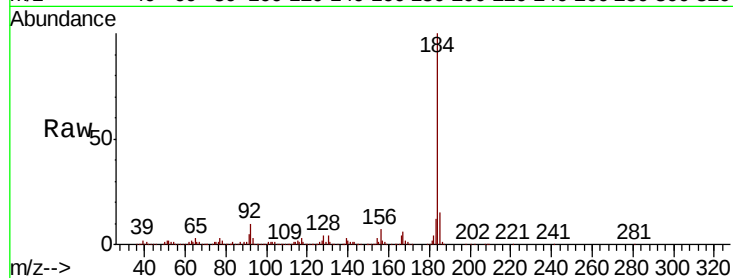
Tgt Ion:184 Resp: 1023634

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

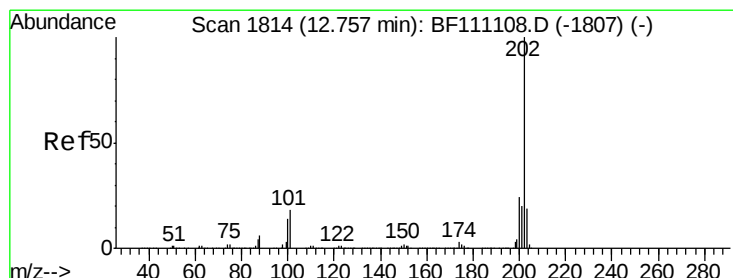
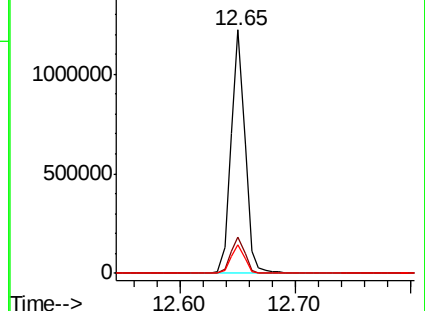
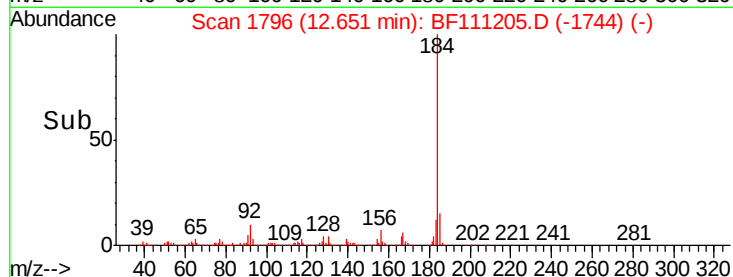
183 11.5 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.037 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

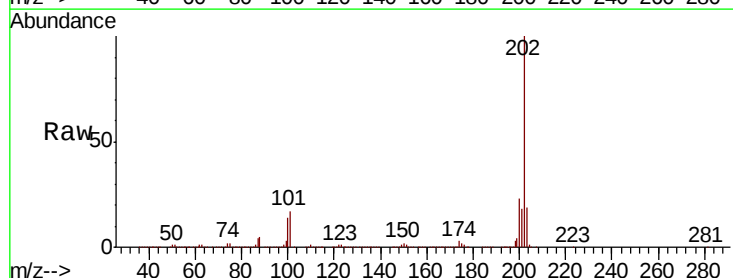
Tgt Ion:202 Resp: 2515788

Ion Ratio Lower Upper

202 100

200 22.8 19.3 28.9

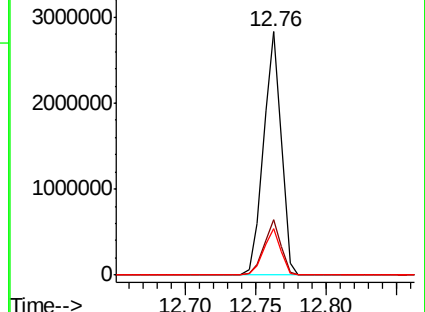
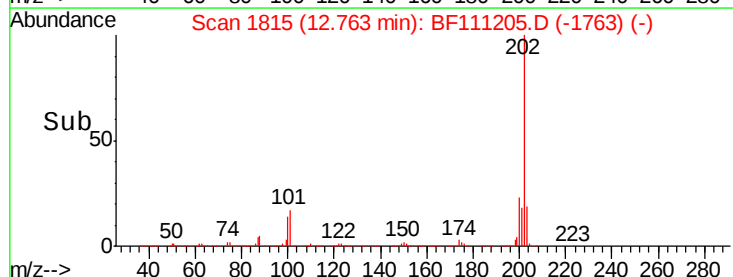
203 18.9 15.4 23.2

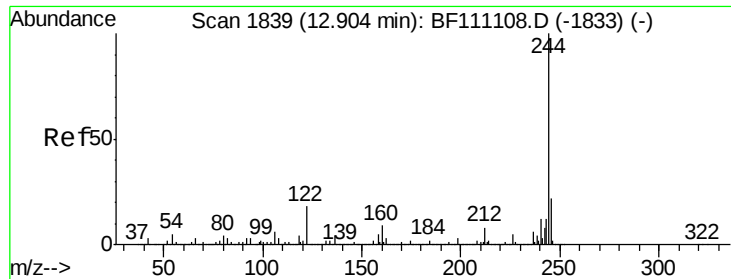


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

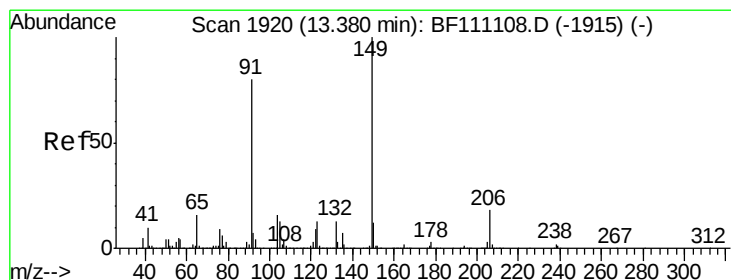
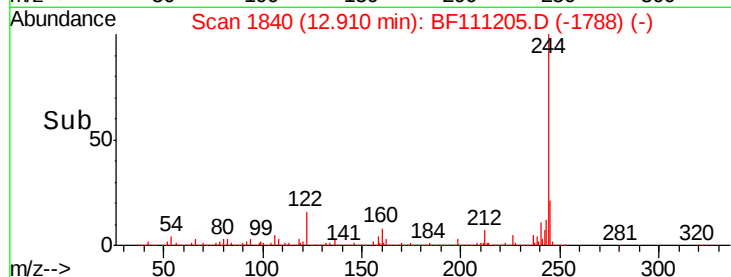
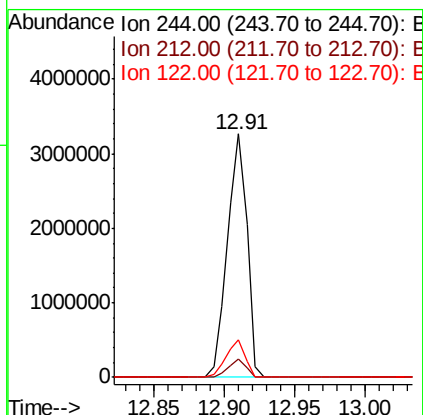
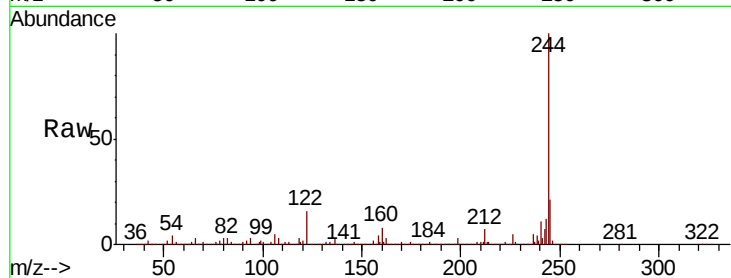




#79  
 Terphenyl-d14  
 Concen: 74.201 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

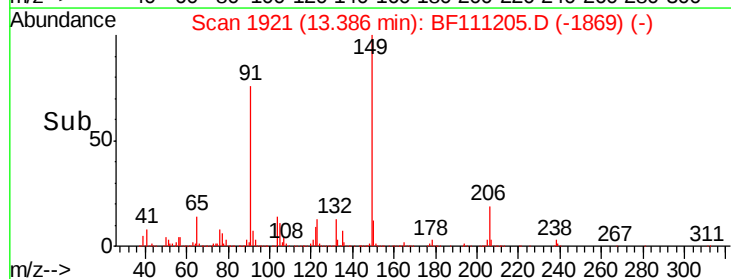
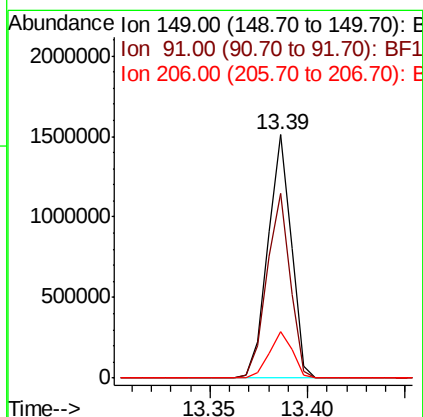
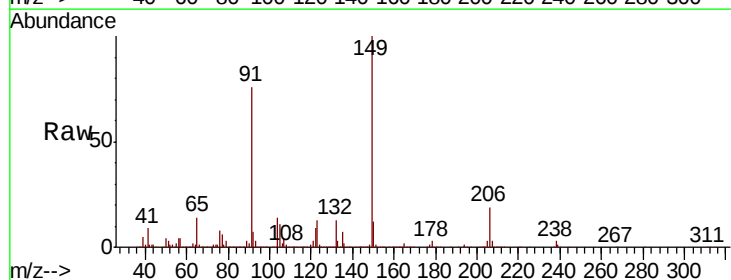
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

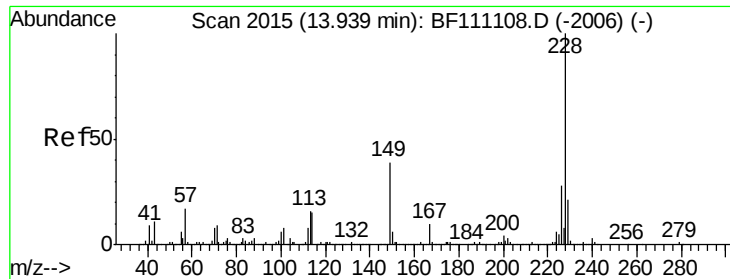
Tgt Ion:244 Resp: 3158931  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.6 9.8  
 122 15.6 14.2 21.2



#80  
 Butylbenzylphthalate  
 Concen: 38.175 ng  
 RT: 13.39 min Scan# 1921  
 Delta R.T. 0.01 min  
 Lab File: BF111205.D  
 Acq: 8 Dec 2018 00:06

Tgt Ion:149 Resp: 1252677  
 Ion Ratio Lower Upper  
 149 100  
 91 75.7 64.0 96.0  
 206 18.9 14.1 21.1





#81

Benzo(a)anthracene

Concen: 38.643 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

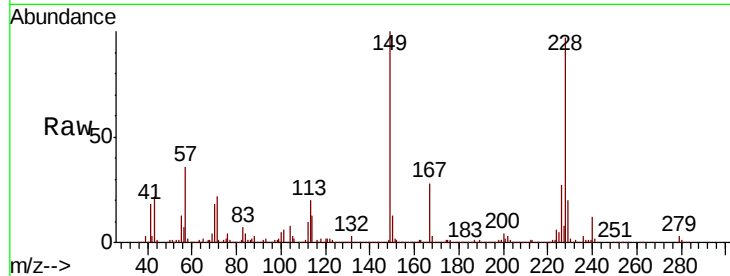
Tgt Ion:228 Resp: 1974029

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 20.1 16.7 25.1

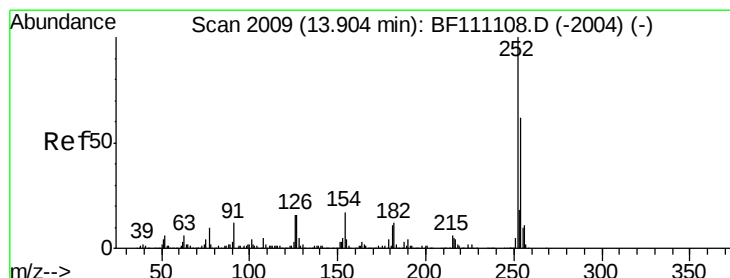
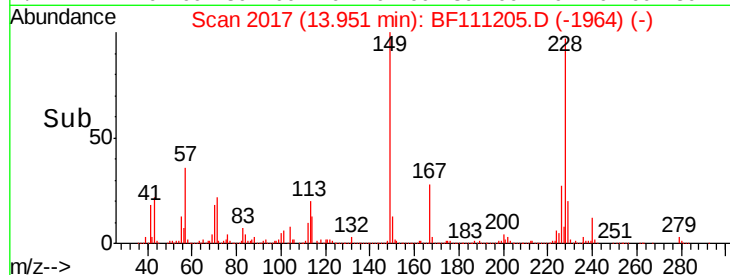
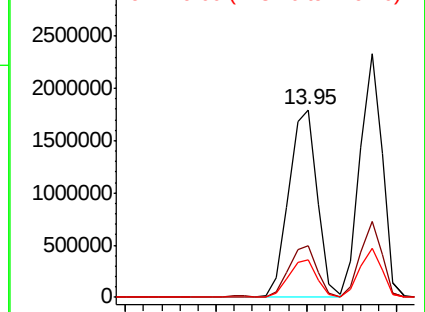


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.887 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

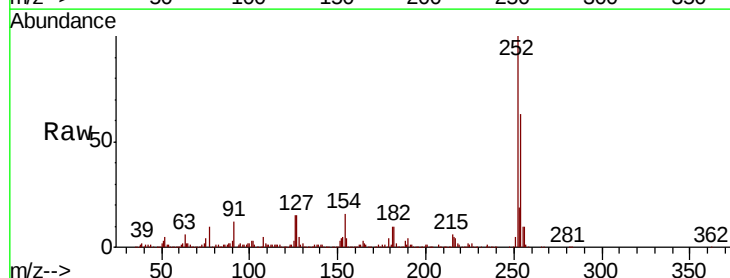
Tgt Ion:252 Resp: 807510

Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

126 15.3 12.9 19.3

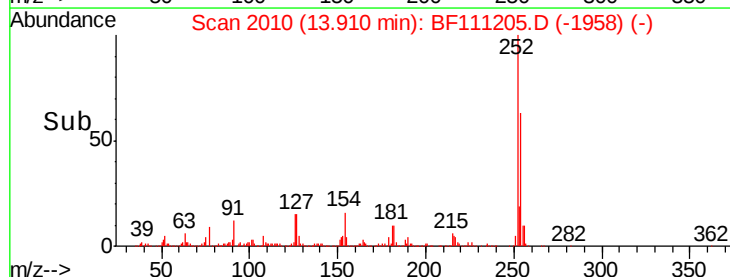
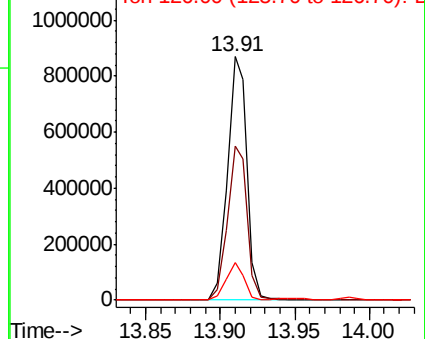


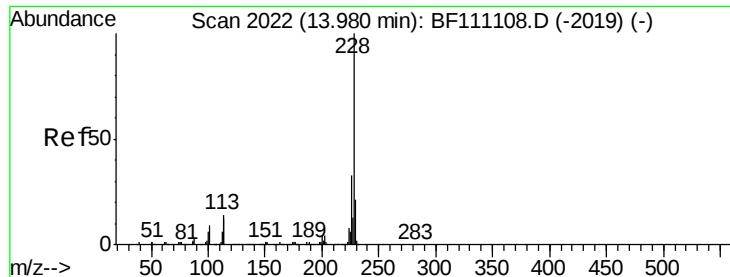
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.346 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

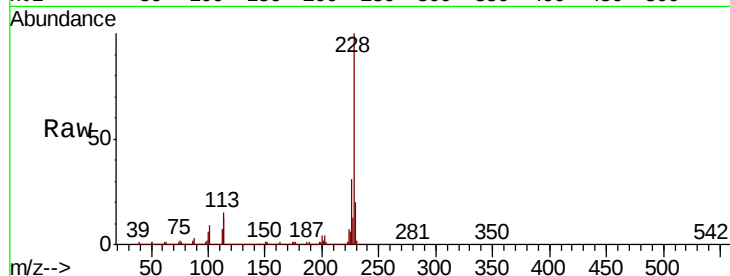
Tgt Ion:228 Resp: 1995352

Ion Ratio Lower Upper

228 100

226 31.1 26.2 39.2

229 20.3 16.9 25.3

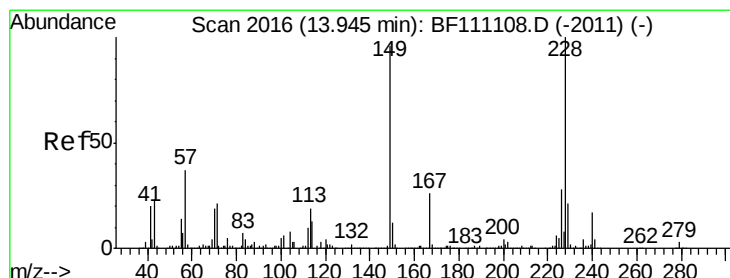
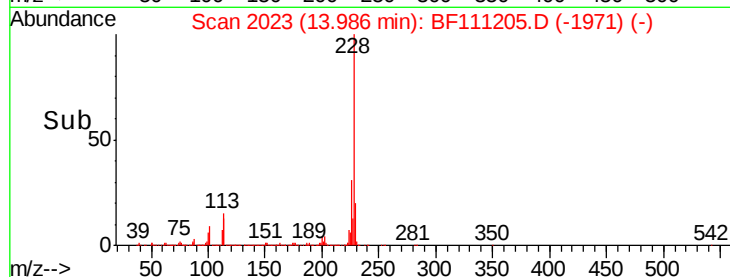
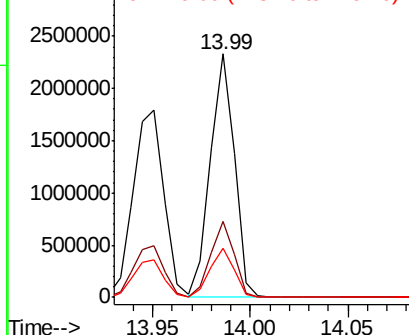


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.573 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

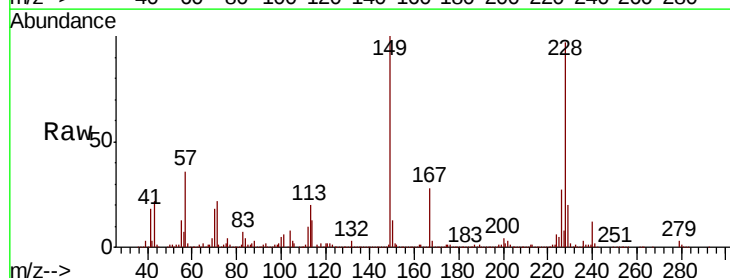
Tgt Ion:149 Resp: 1528856

Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

279 3.2 2.3 3.5

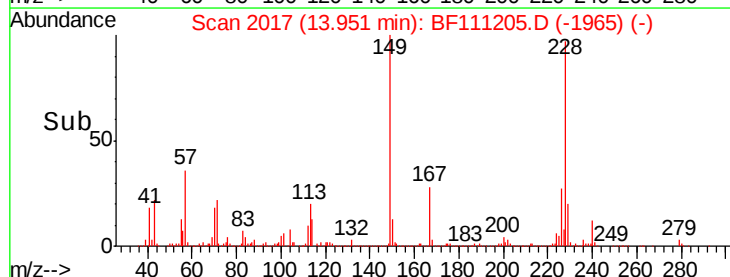
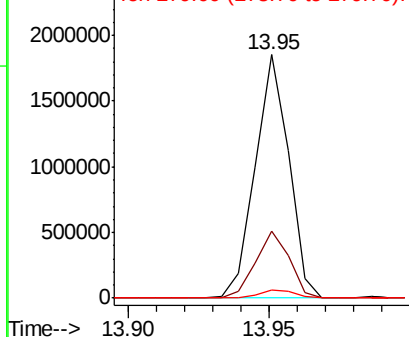


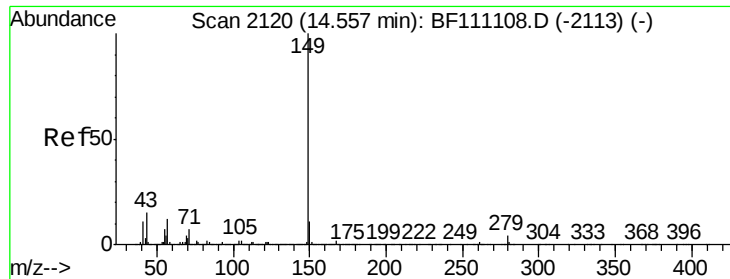
Abundance

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

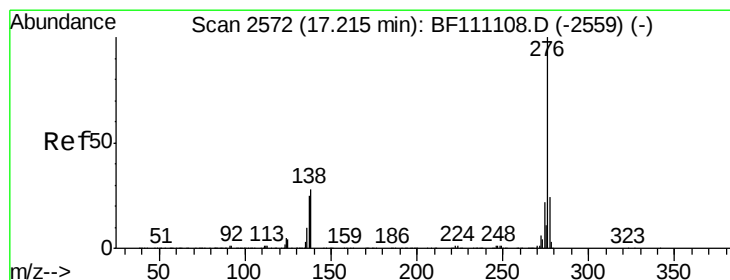
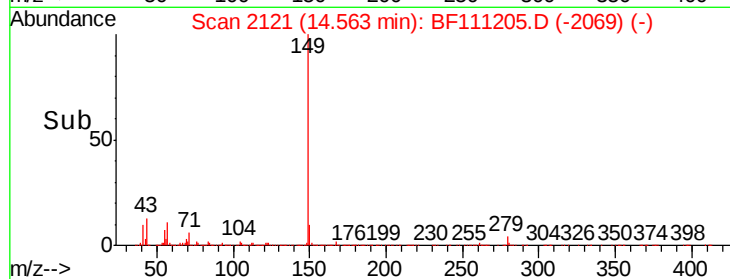
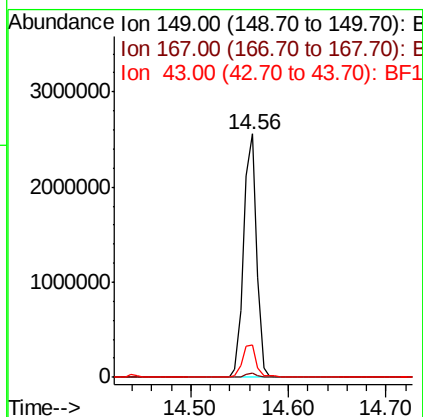
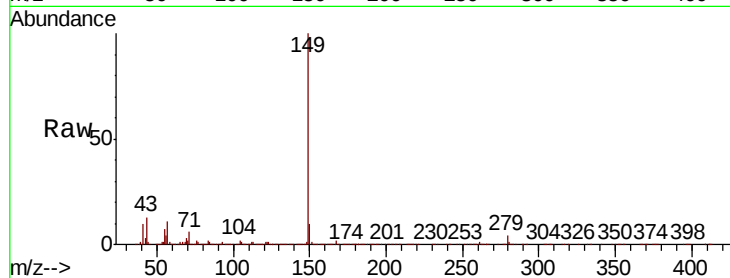




#85  
Di-n-octyl phthalate  
Concen: 37.703 ng  
RT: 14.56 min Scan# 2121  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

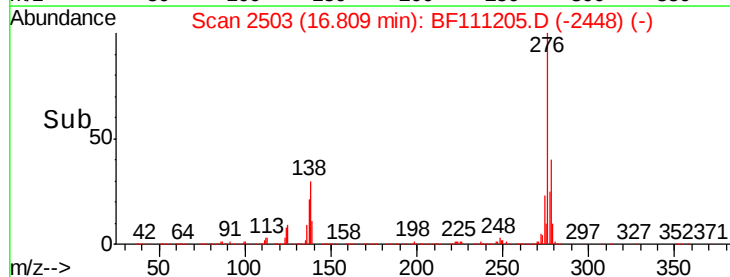
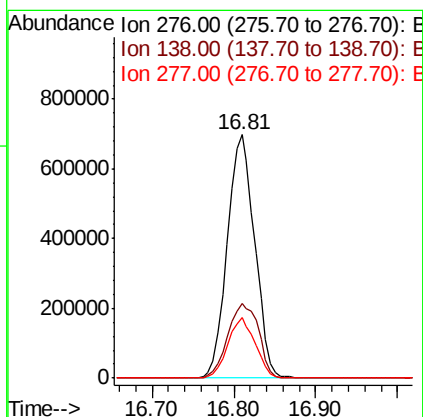
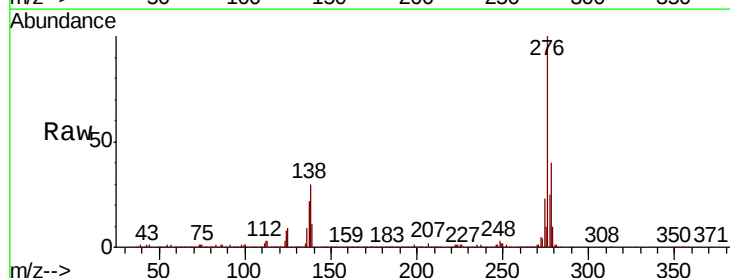
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

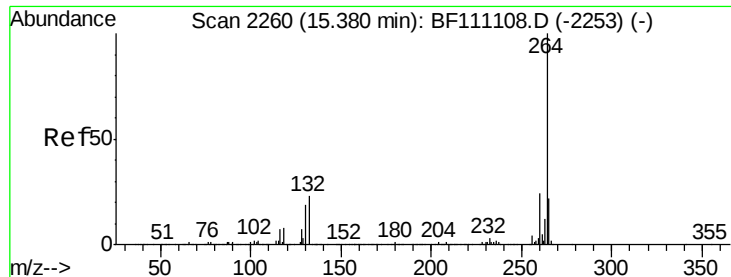
Tgt Ion:149 Resp: 2349220  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 14.0 11.9 17.9



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.959 ng  
RT: 16.81 min Scan# 2503  
Delta R.T. 0.02 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:276 Resp: 1627016  
Ion Ratio Lower Upper  
276 100  
138 34.5 20.2 30.4#  
277 24.7 15.8 23.6#





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

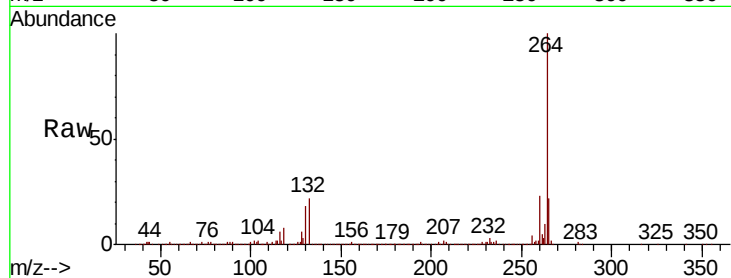
Tgt Ion:264 Resp: 786238

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

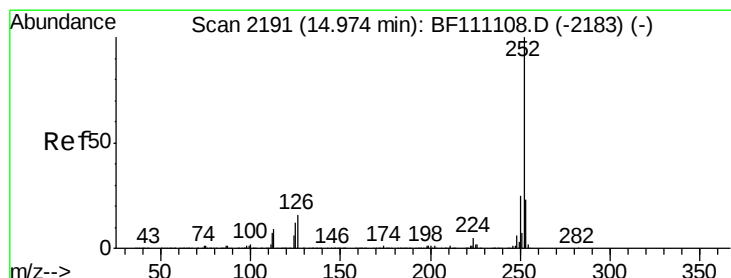
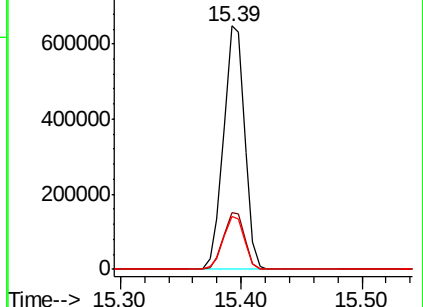
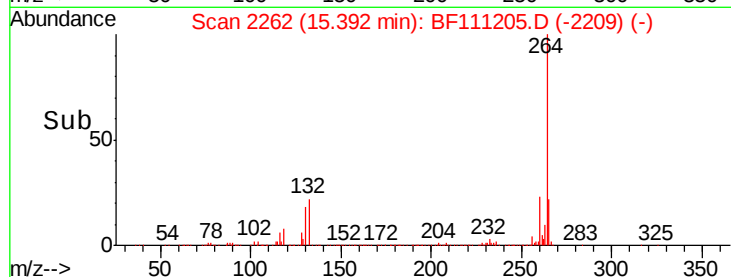
265 21.9 17.4 26.0



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: 40.160 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111205.D

Acq: 8 Dec 2018 00:06

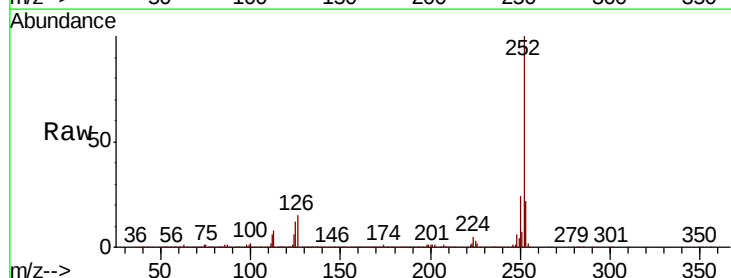
Tgt Ion:252 Resp: 1789182

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

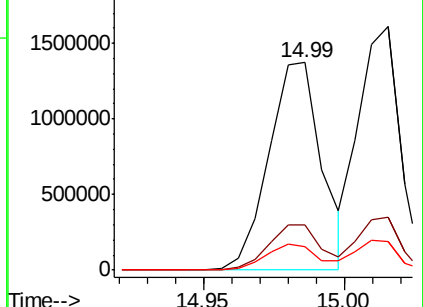
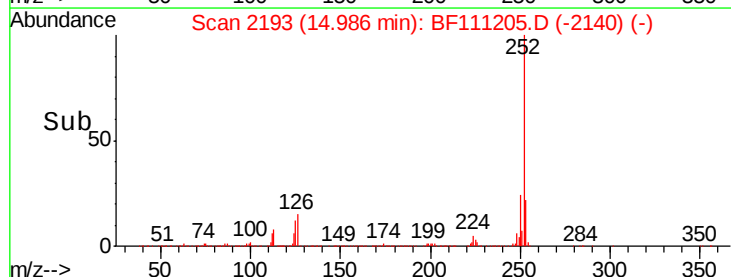
125 11.6 9.9 14.9

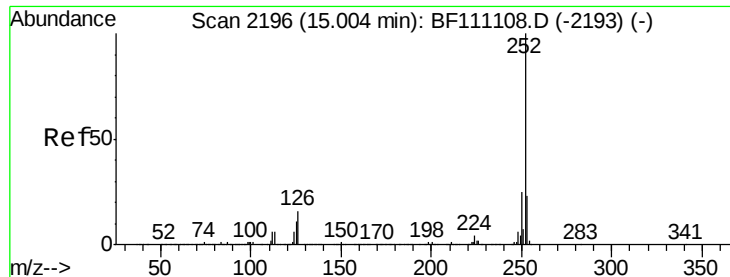


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

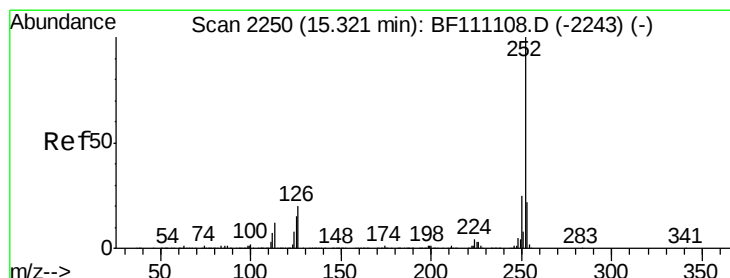
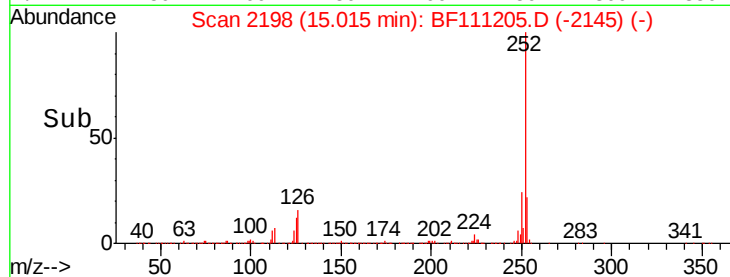
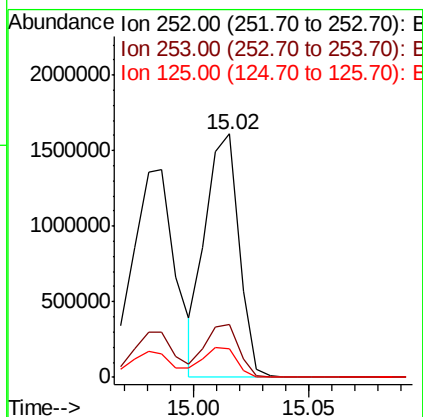
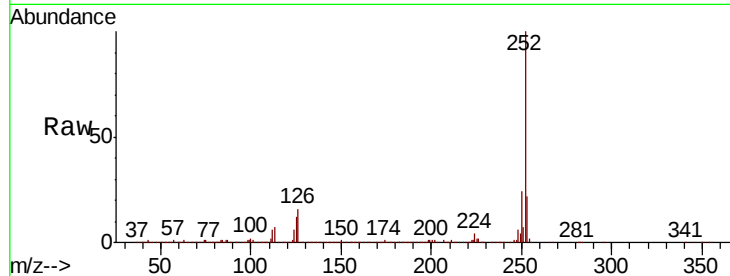




#89  
Benzo(k)fluoranthene  
Concen: 37.692 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. 0.01 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

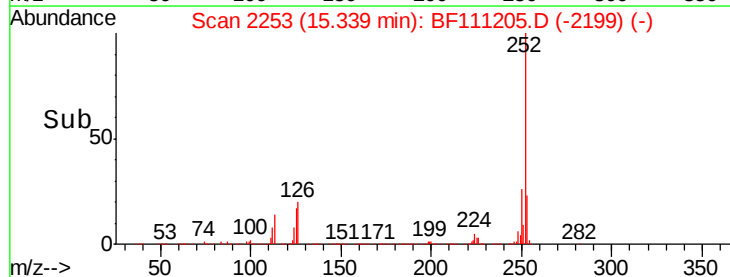
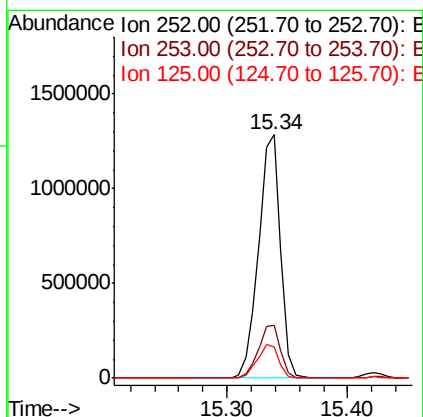
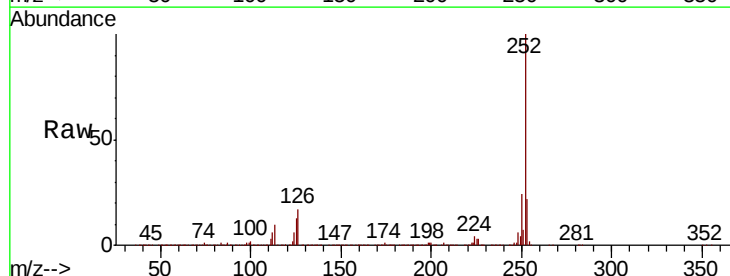
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

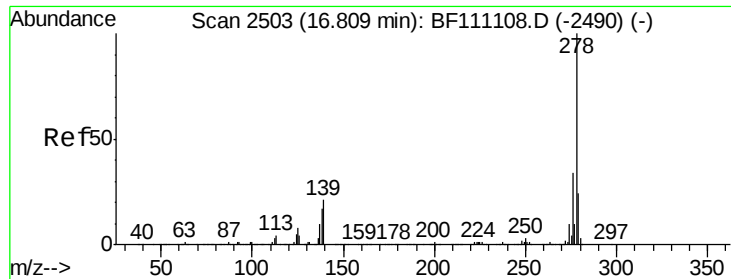
Tgt Ion:252 Resp: 1623381  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.4  
125 11.7 9.9 14.9



#90  
Benzo(a)pyrene  
Concen: 39.669 ng  
RT: 15.34 min Scan# 2253  
Delta R.T. 0.02 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion:252 Resp: 1621069  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 12.7 12.4 18.6



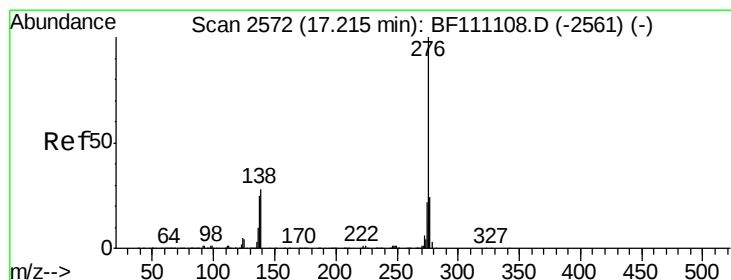
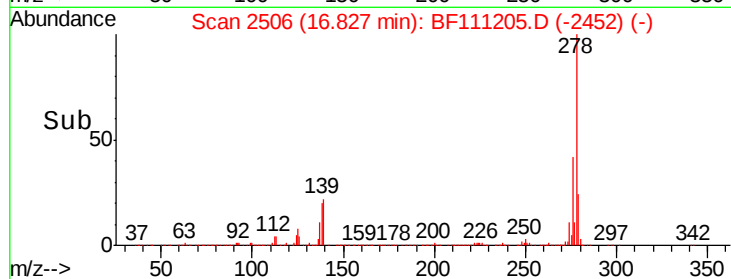
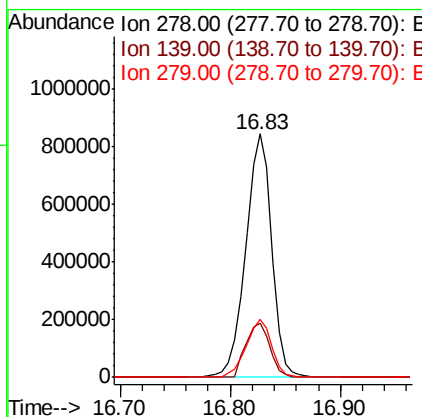
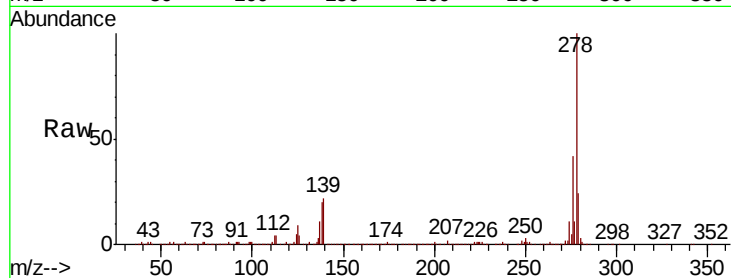


#91  
Dibenzo(a,h)anthracene  
Concen: 40.678 ng  
RT: 16.83 min Scan# 2506  
Delta R.T. 0.02 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 278 Resp: 1394977  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 22.1  | 16.6  | 25.0  |
| 279 | 23.9  | 18.8  | 28.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 36.479 ng  
RT: 17.23 min Scan# 2575  
Delta R.T. 0.02 min  
Lab File: BF111205.D  
Acq: 8 Dec 2018 00:06

Tgt Ion: 276 Resp: 1257092  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.3  | 28.9  |
| 138 | 28.8  | 22.3  | 33.5  |

