

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121418\  
 Data File : BF111430.D  
 Acq On : 14 Dec 2018 20:30  
 Operator : JU/SJ  
 Sample : J6340-10MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Quant Time: Dec 14 22:12:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 177437   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 704561   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 309827   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 439788   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.95 | 240  | 339730   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 274625   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1136518 | 106.59 | ng | 0.01 |
| 7) Phenol-d6             | 6.44  | 99  | 1466953 | 103.43 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 889058  | 75.14  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 253664  | 91.40  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 1564030 | 77.97  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.90 | 244 | 1020282 | 70.52  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.55 | 88  | 146804  | 28.506 | ng | 95     |
| 3) Pyridine                    | 3.29 | 79  | 300284  | 23.216 | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 236361  | 40.231 | ng | 84     |
| 6) Aniline                     | 6.46 | 93  | 191662  | 10.894 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.59 | 128 | 442322  | 34.718 | ng | 94     |
| 9) Benzaldehyde                | 6.34 | 77  | 176475  | 20.513 | ng | 96     |
| 10) Phenol                     | 6.45 | 94  | 591844  | 37.458 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 408568  | 32.987 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 455787  | 32.499 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 465467  | 32.698 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 438710  | 32.759 | ng | 98     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 369706  | 34.257 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 810082  | 33.497 | ng | 99     |
| 17) 2-Methylphenol             | 7.06 | 107 | 349657  | 34.101 | ng | 97     |
| 18) Hexachloroethane           | 7.31 | 117 | 161444  | 30.474 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 299759  | 32.034 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 443552  | 34.486 | ng | # 73   |
| 22) Acetophenone               | 7.20 | 105 | 607309  | 38.613 | ng | # 89   |
| 24) Nitrobenzene               | 7.37 | 77  | 440335  | 36.483 | ng | 97     |
| 25) Isophorone                 | 7.62 | 82  | 798177  | 39.870 | ng | 99     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 220597  | 35.243 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 362910  | 39.993 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 515817  | 37.323 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 348932  | 36.021 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 355646  | 35.072 | ng | 98     |
| 31) Naphthalene                | 8.10 | 128 | 1261060 | 38.267 | ng | 97     |
| 32) Benzoic acid               | 7.84 | 122 | 112790  | 14.384 | ng | 94     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 79590   | 5.431  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 189824  | 33.977 | ng | 99     |
| 35) Caprolactam                | 8.51 | 113 | 110630  | 30.761 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 359273  | 33.695 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 833661  | 37.385 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 775654  | 36.005 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 308790  | 36.342 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Quant Time: Dec 14 22:12:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

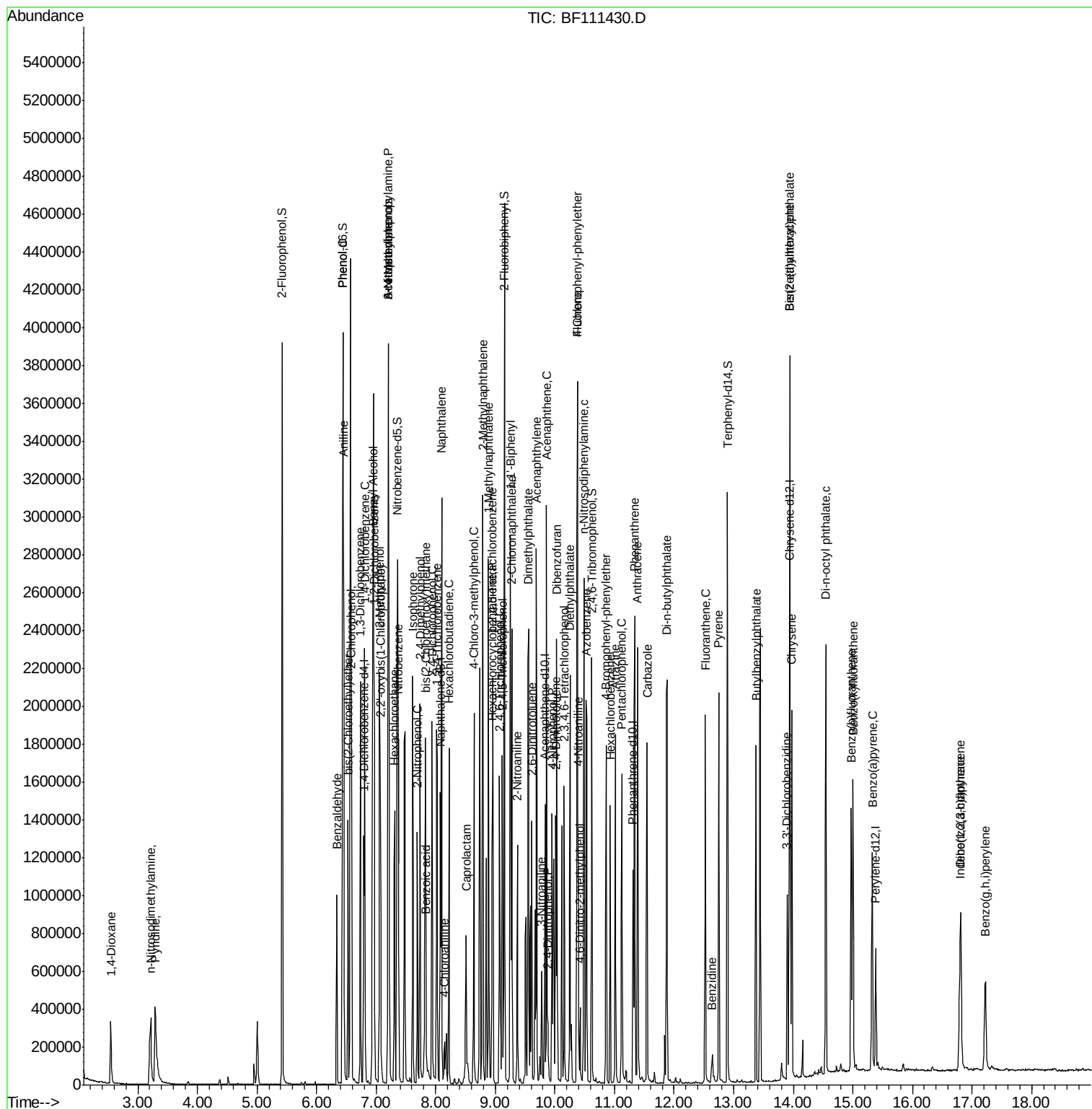
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 125892   | 28.859 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 214584   | 35.683 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 223197   | 34.879 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 936772   | 35.684 | ng    | 93       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 717944   | 35.979 | ng    | 95       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 223756   | 34.535 | ng    | 99       |
| 49) Acenaphthylene             | 9.69  | 152  | 1122494  | 37.897 | ng    | 95       |
| 50) Dimethylphthalate          | 9.56  | 163  | 1015017  | 45.490 | ng    | 97       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 174126   | 34.669 | ng    | 98       |
| 52) Acenaphthene               | 9.86  | 154  | 660449   | 35.278 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.78  | 138  | 100490   | 16.473 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 43253    | 22.636 | ng    | 90       |
| 55) Dibenzofuran               | 10.04 | 168  | 957618   | 35.240 | ng    | 95       |
| 56) 4-Nitrophenol              | 9.95  | 139  | 241443   | 57.190 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 214279   | 32.506 | ng    | 100      |
| 58) Fluorene                   | 10.38 | 166  | 715566   | 36.304 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 164505   | 32.902 | ng    | 99       |
| 60) Diethylphthalate           | 10.25 | 149  | 805184   | 35.624 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 331564   | 34.383 | ng    | 96       |
| 62) 4-Nitroaniline             | 10.39 | 138  | 151056   | 25.013 | ng    | 97       |
| 63) Azobenzene                 | 10.53 | 77   | 738902   | 33.161 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 39585    | 15.944 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 632268   | 41.690 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 186495   | 39.345 | ng    | 95       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 177198   | 36.342 | ng    | # 92     |
| 69) Atrazine                   | 11.02 | 200  | 186837   | 42.628 | ng    | 97       |
| 70) Pentachlorophenol          | 11.12 | 266  | 164154   | 54.890 | ng    | 95       |
| 71) Phenanthrene               | 11.34 | 178  | 864101   | 38.131 | ng    | 94       |
| 72) Anthracene                 | 11.39 | 178  | 896157   | 38.668 | ng    | 94       |
| 73) Carbazole                  | 11.54 | 167  | 793210   | 33.098 | ng    | 94       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 1099324  | 41.188 | ng    | # 96     |
| 75) Fluoranthene               | 12.52 | 202  | 779765   | 35.173 | ng    | 98       |
| 77) Benzidine                  | 12.64 | 184  | 63045    | 5.048  | ng    | 97       |
| 78) Pyrene                     | 12.75 | 202  | 805688   | 33.637 | ng    | 95       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 388350   | 33.263 | ng    | 93       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 697547   | 37.761 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 222741   | 29.661 | ng    | 96       |
| 83) Chrysene                   | 13.97 | 228  | 699955   | 35.969 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 535146   | 35.887 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 980266   | 38.972 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 450367   | 32.067 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 14.97 | 252  | 633576   | 39.571 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.00 | 252  | 626683   | 40.963 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.33 | 252  | 558181   | 38.660 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.82 | 278  | 388550   | 34.115 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 17.23 | 276  | 364870   | 32.637 | ng    | # 91     |

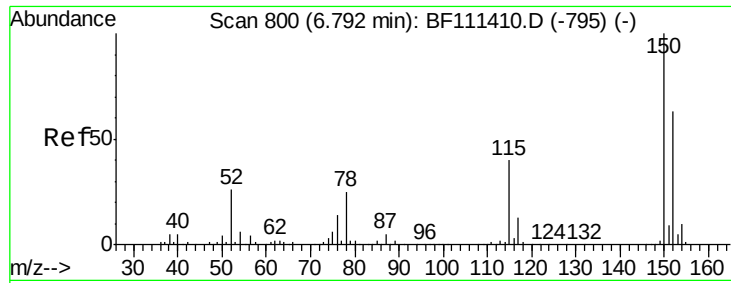
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
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Acq On    : 14 Dec 2018   20:30
Operator  : JU/SJ
Sample    : J6340-10MSD
Misc      :
ALS Vial  : 16      Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SB-06AMSD

Quant Time: Dec 14 22:12:53 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF121418.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 14 13:26:17 2018  
Response via : Initial Calibration

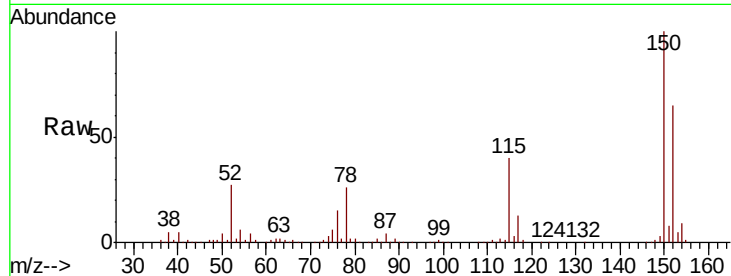




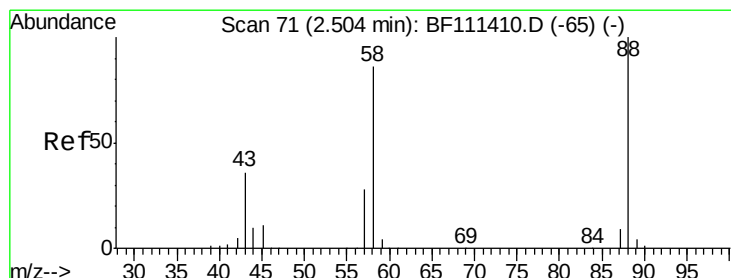
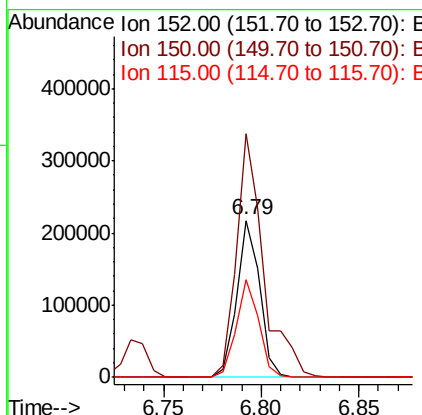
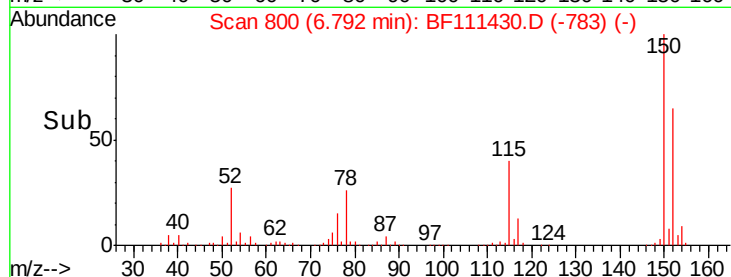
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 800  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Tgt Ion:152 Resp: 177437  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 126.6 189.8  
 115 62.3 50.7 76.1

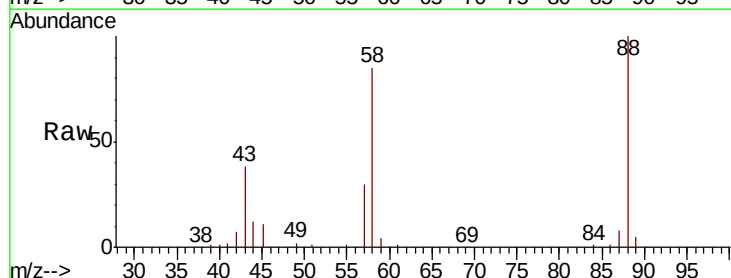


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

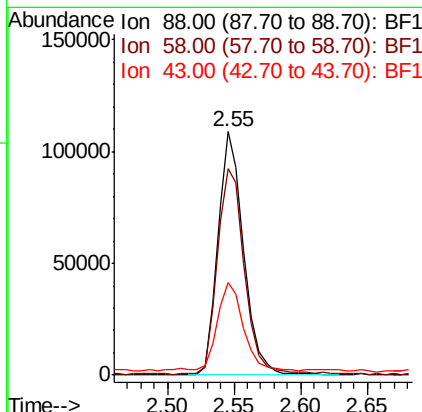
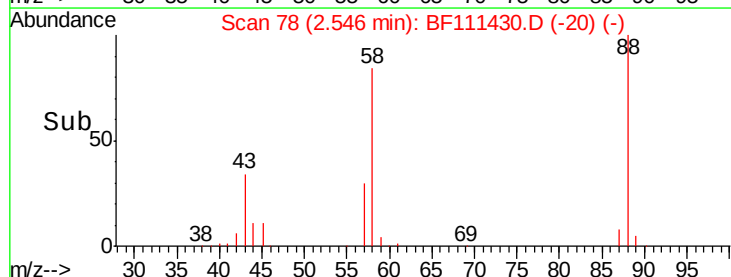


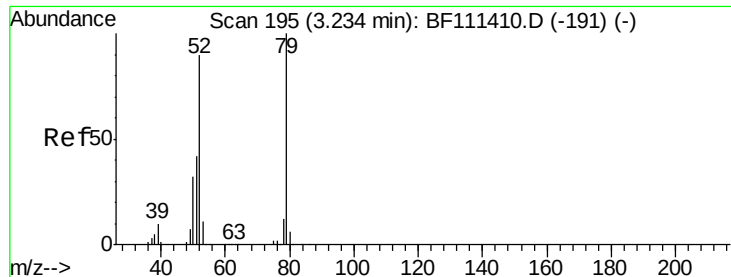
#2  
 1,4-Dioxane  
 Concen: 28.506 ng  
 RT: 2.55 min Scan# 78  
 Delta R.T. 0.04 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion: 88 Resp: 146804  
 Ion Ratio Lower Upper  
 88 100  
 58 89.4 68.9 103.3  
 43 36.8 25.8 38.6



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





#3

Pyridine

Concen: 23.216 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.06 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

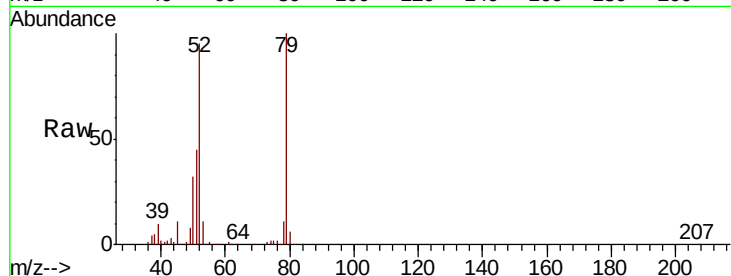
Tgt Ion: 79 Resp: 300284

Ion Ratio Lower Upper

79 100

52 95.5 68.3 102.5

51 44.6 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

150000

100000

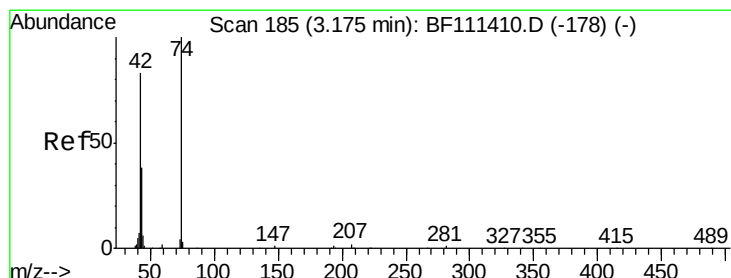
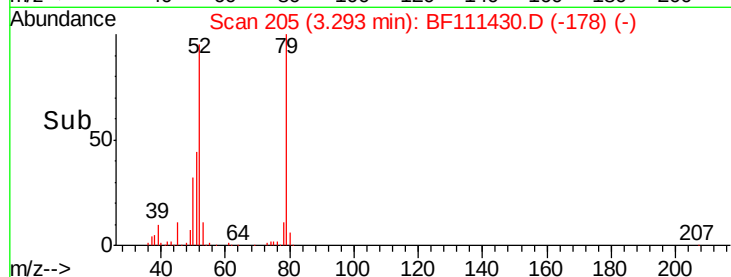
50000

0

3.29

3.20 3.30 3.40 3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.231 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.04 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

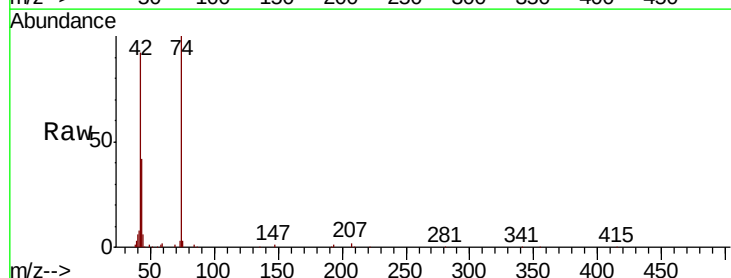
Tgt Ion: 42 Resp: 236361

Ion Ratio Lower Upper

42 100

74 108.2 101.5 152.3

44 6.8 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

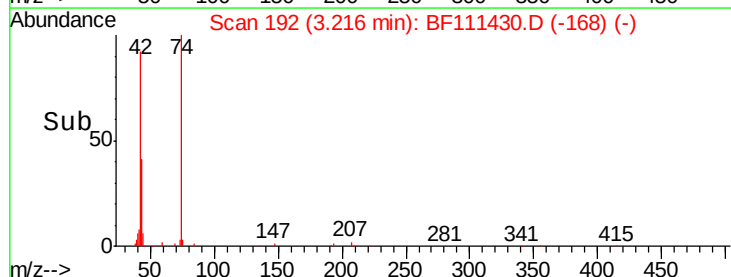
50000

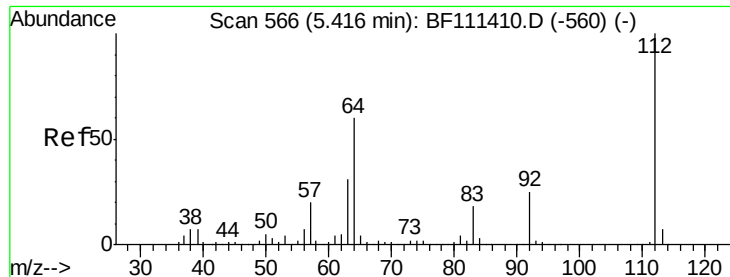
0

3.22

3.10 3.20 3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 106.586 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampled :

SB-06AMSD

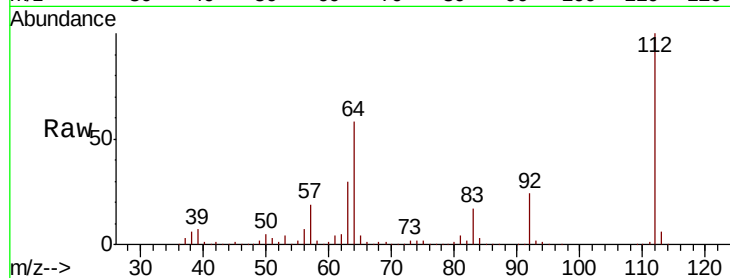
Tgt Ion: 112 Resp: 1136518

Ion Ratio Lower Upper

112 100

64 57.8 51.8 77.6

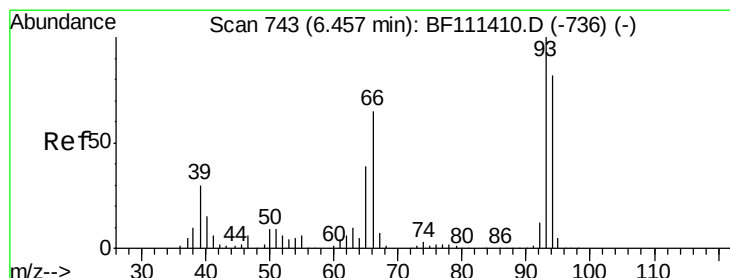
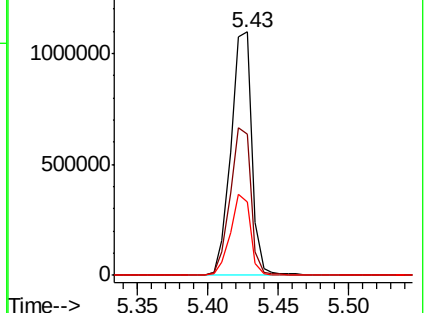
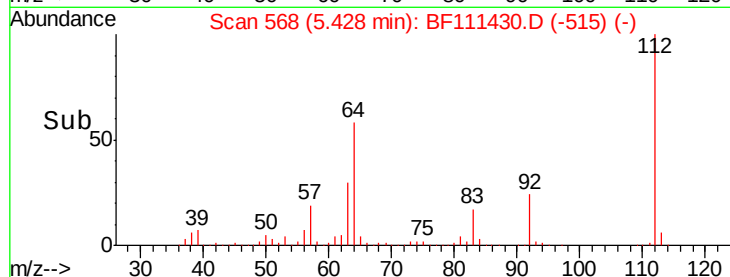
63 30.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.894 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

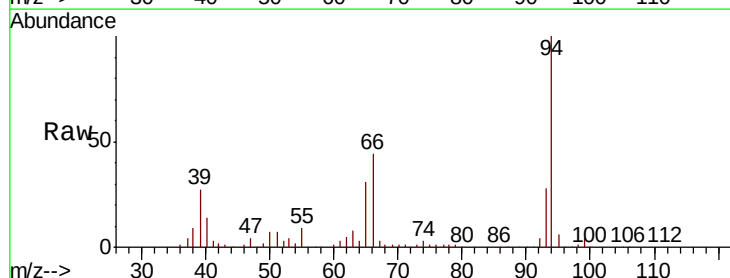
Tgt Ion: 93 Resp: 191662

Ion Ratio Lower Upper

93 100

66 155.1 33.2 49.8#

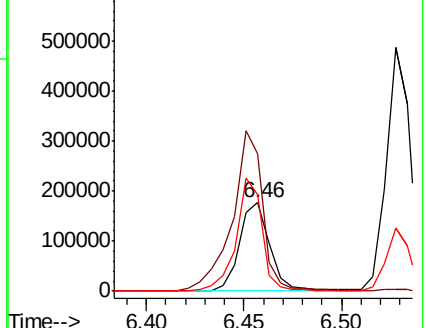
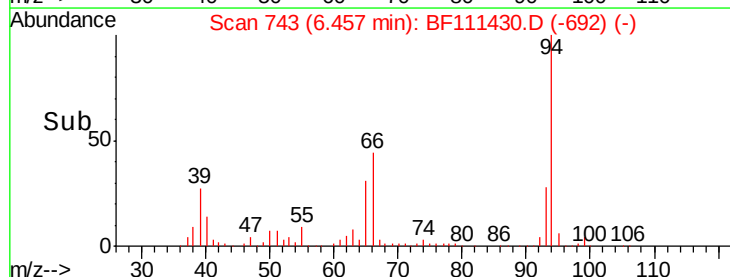
65 109.4 17.0 25.4#

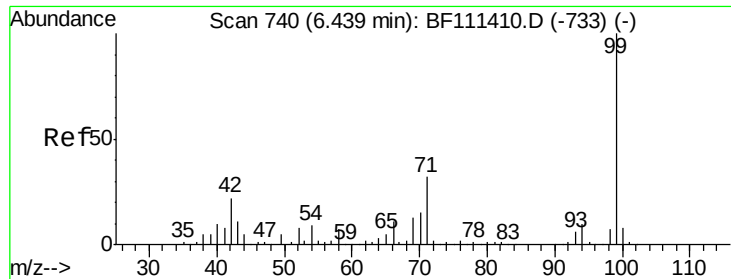


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.427 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

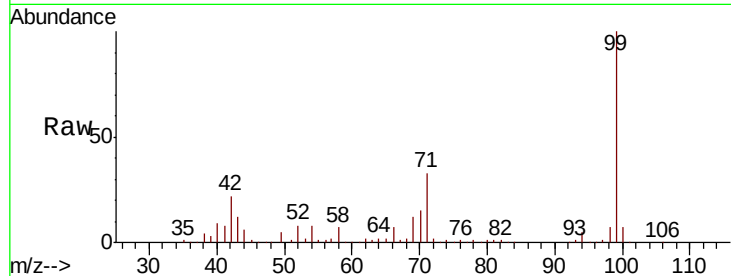
Tgt Ion: 99 Resp: 1466953

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

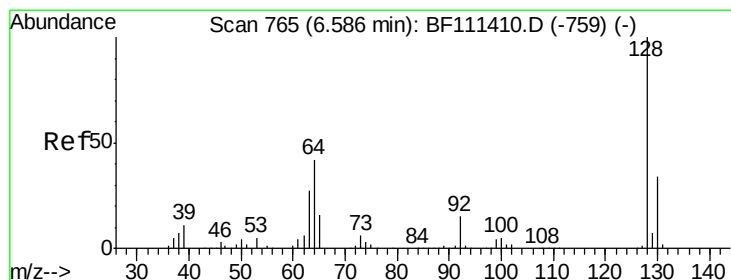
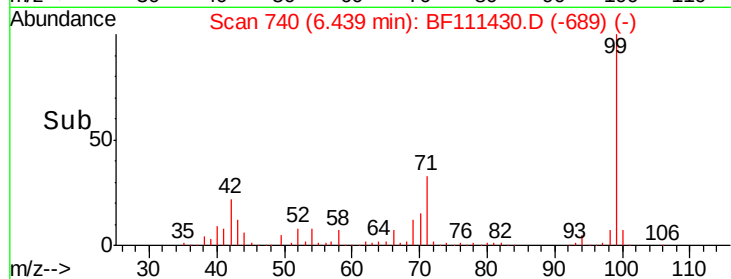
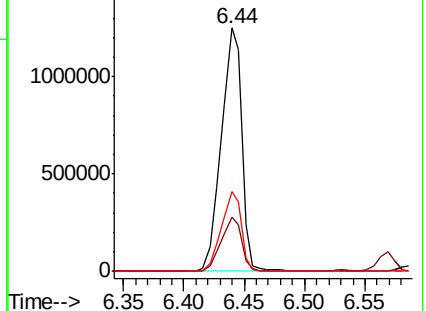
71 32.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.718 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

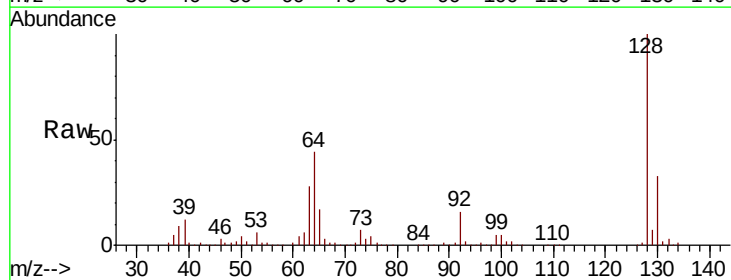
Tgt Ion: 128 Resp: 442322

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

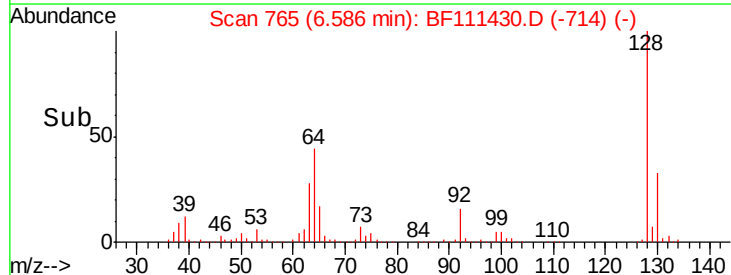
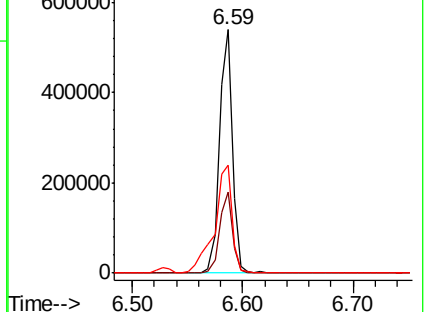
64 44.1 30.0 70.0



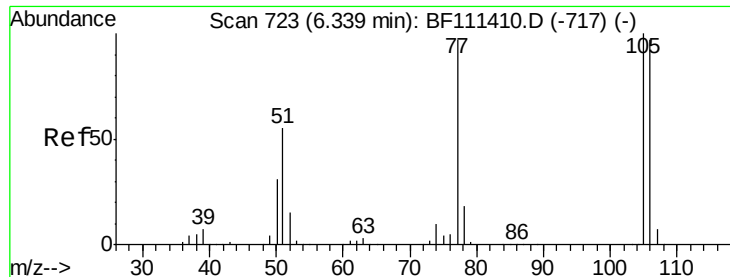
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 20.513 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

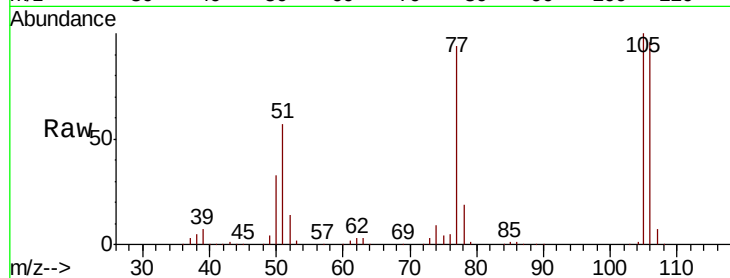
Tgt Ion: 77 Resp: 176475

Ion Ratio Lower Upper

77 100

105 106.3 81.4 121.4

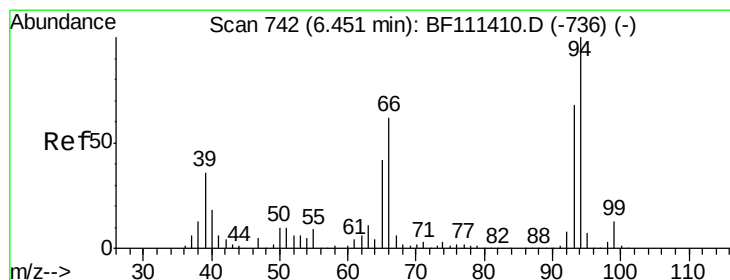
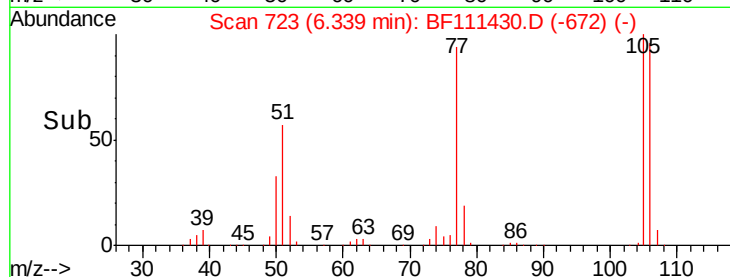
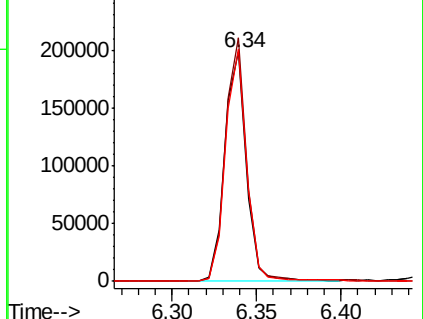
106 101.6 77.9 117.9



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: 37.458 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

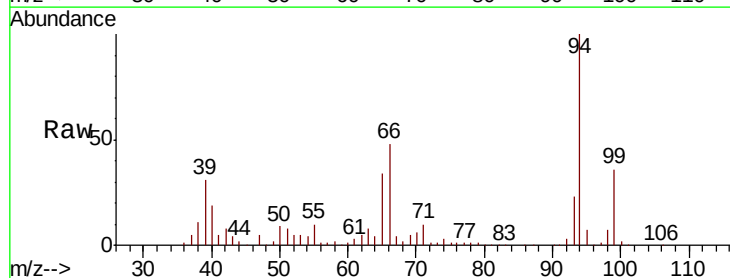
Tgt Ion: 94 Resp: 591844

Ion Ratio Lower Upper

94 100

65 33.9 11.7 51.7

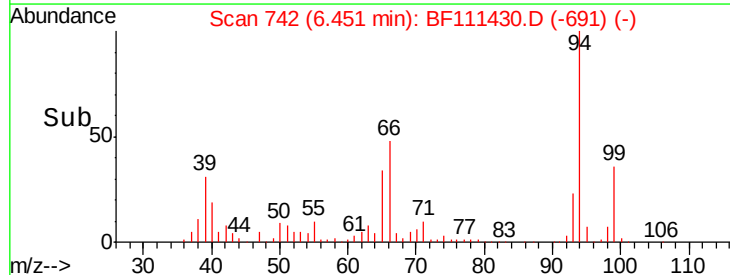
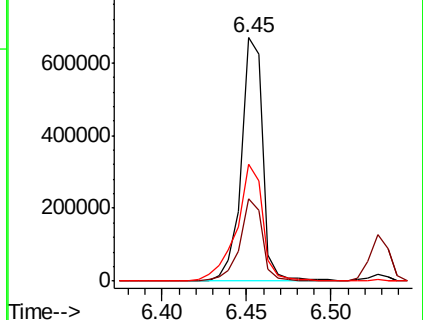
66 48.1 21.0 61.0



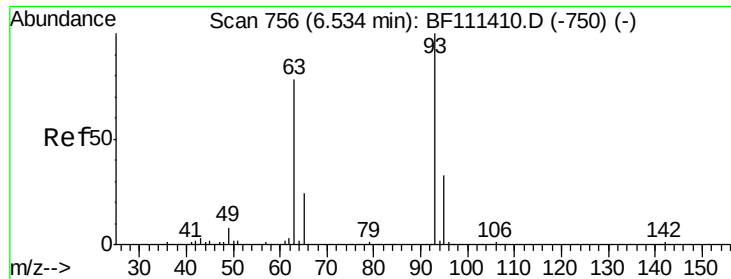
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



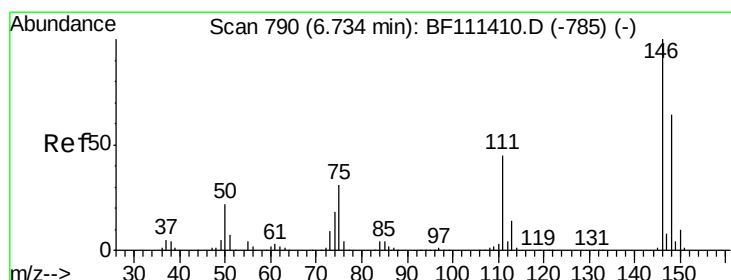
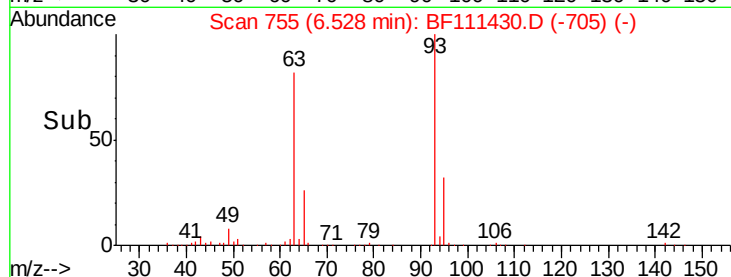
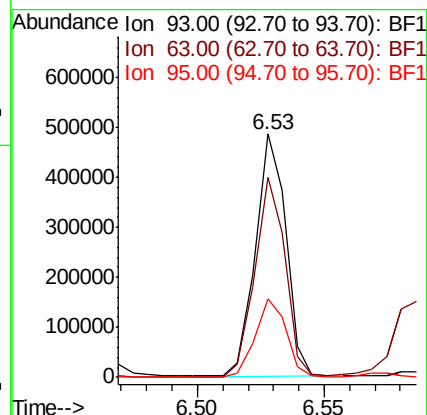
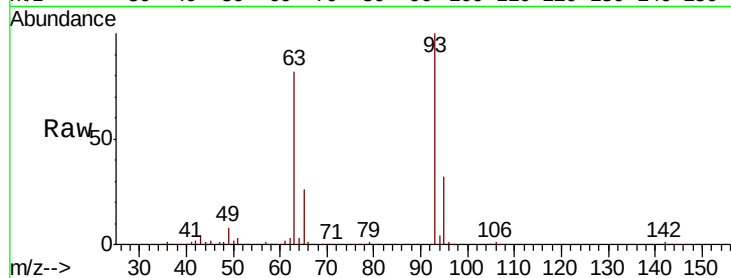




#11  
 bis(2-Chloroethyl)ether  
 Concen: 32.987 ng  
 RT: 6.53 min Scan# 755  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

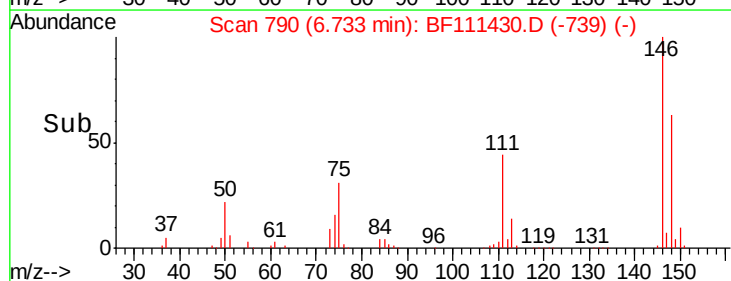
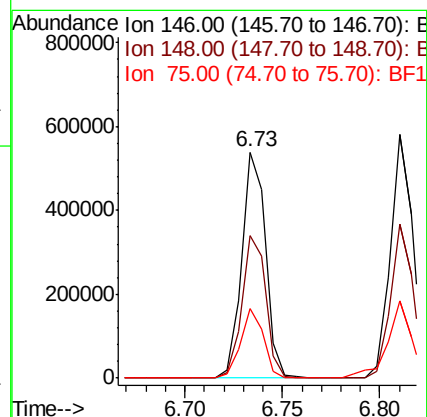
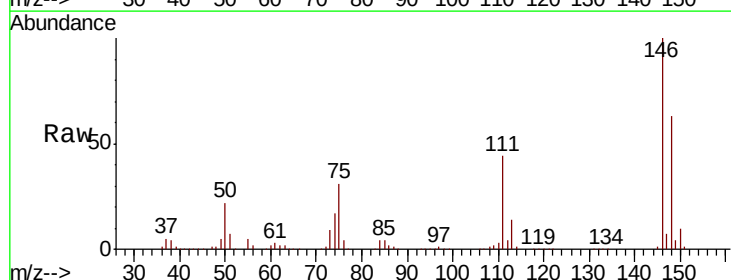
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

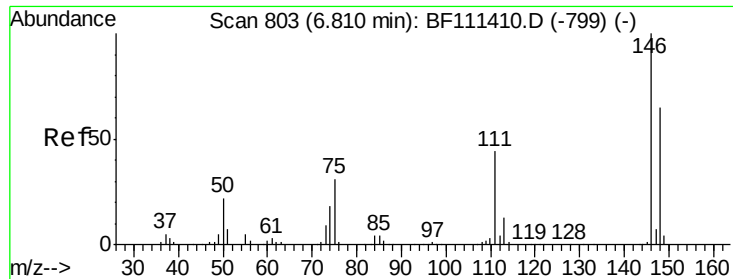
Tgt Ion: 93 Resp: 408568  
 Ion Ratio Lower Upper  
 93 100  
 63 82.1 60.0 100.0  
 95 32.4 13.4 53.4



#12  
 1,3-Dichlorobenzene  
 Concen: 32.499 ng  
 RT: 6.73 min Scan# 790  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion: 146 Resp: 455787  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.1 78.1  
 75 30.8 23.9 35.9

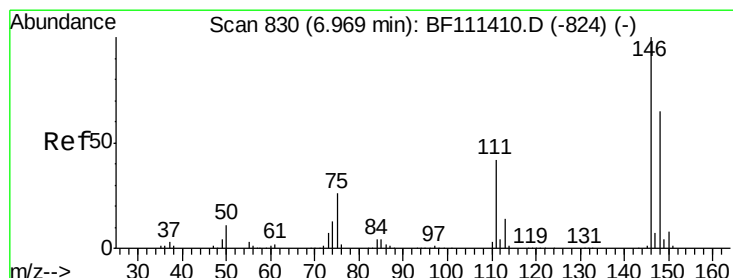
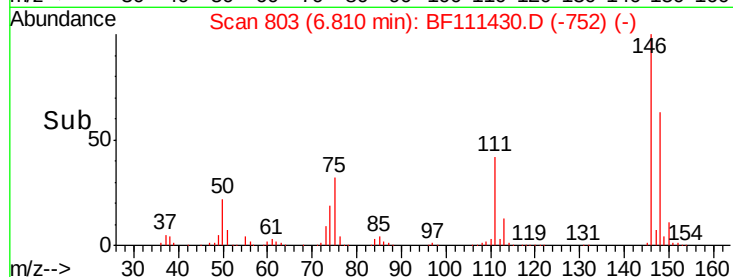
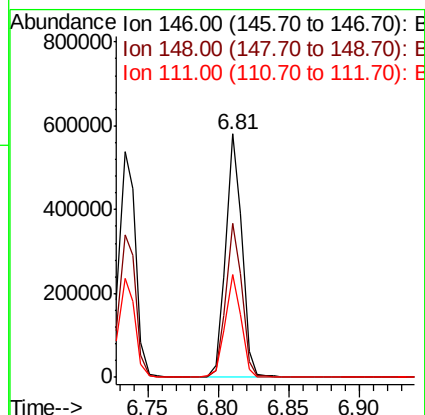
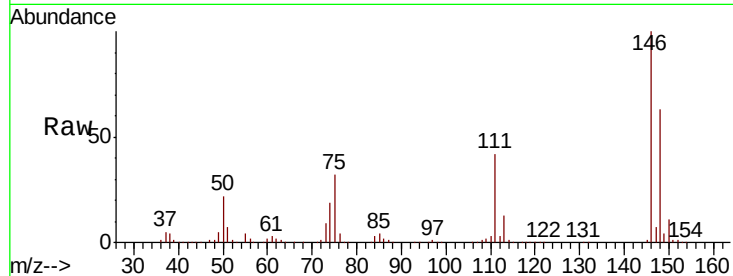




#13  
 1,4-Dichlorobenzene  
 Concen: 32.698 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

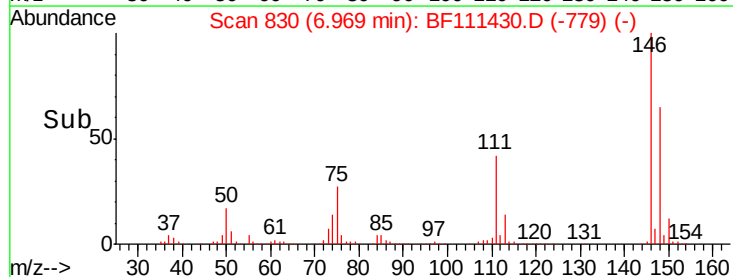
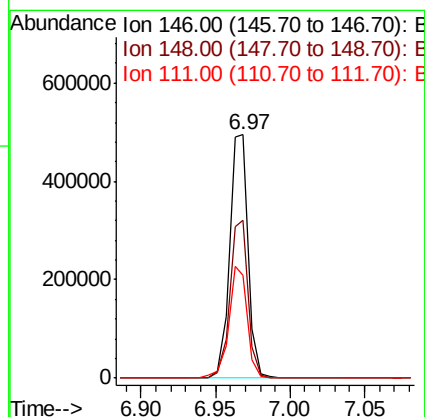
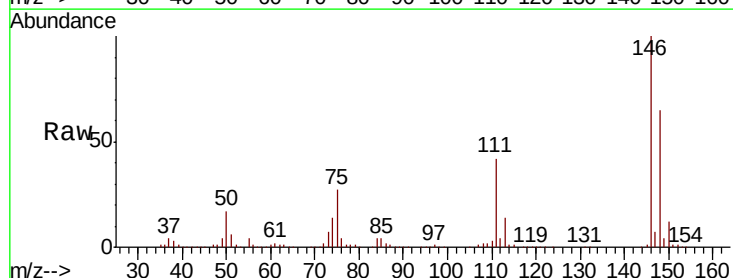
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

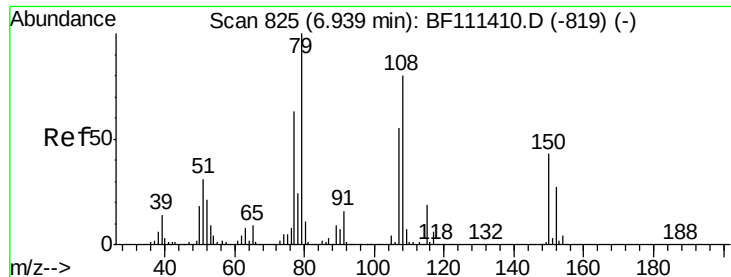
Tgt Ion:146 Resp: 465467  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.8 79.2  
 111 42.1 33.4 50.0



#14  
 1,2-Dichlorobenzene  
 Concen: 32.759 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion:146 Resp: 438710  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.9 77.9  
 111 42.2 36.2 54.4

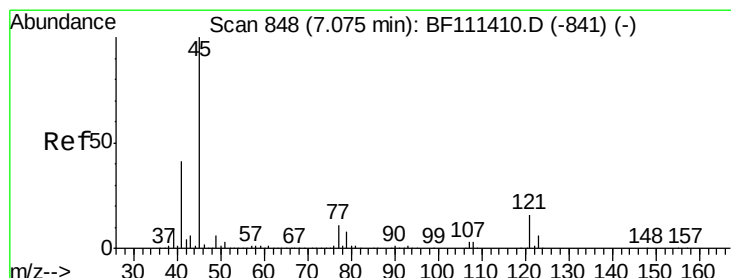
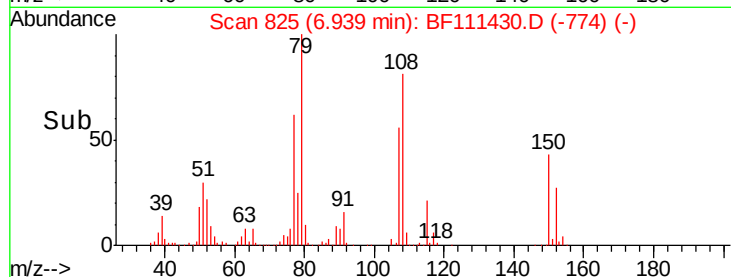
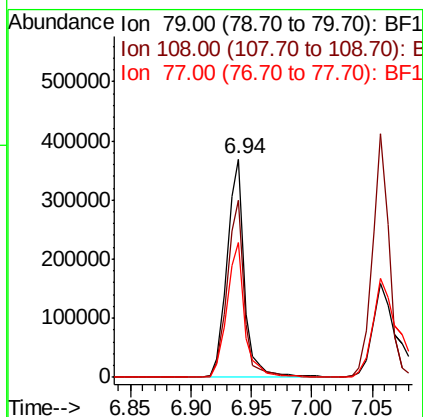
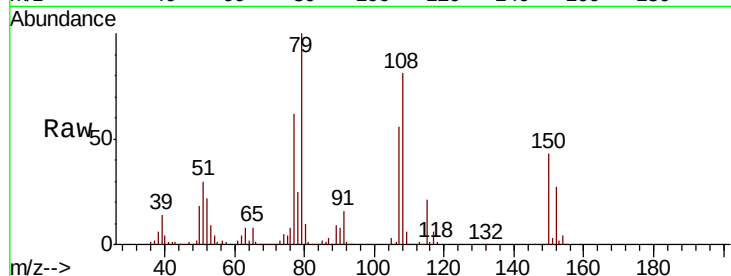




#15  
Benzyl Alcohol  
Concen: 34.257 ng  
RT: 6.94 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

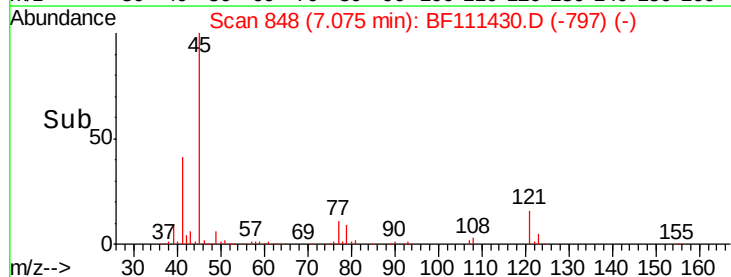
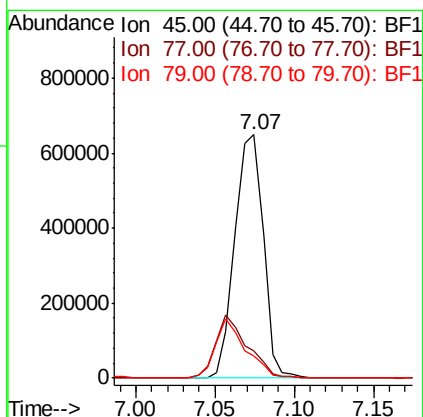
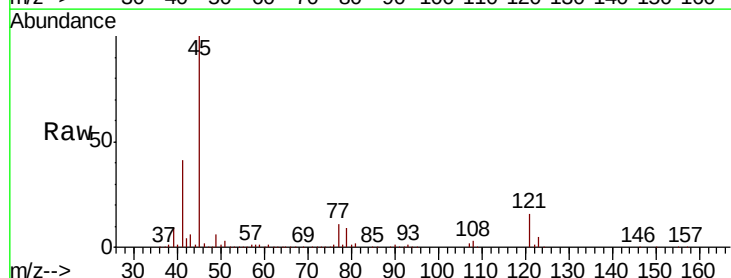
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

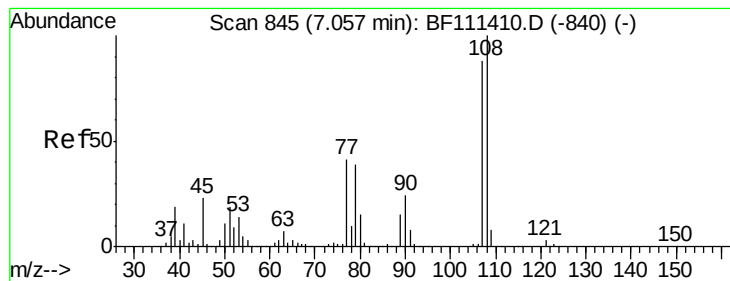
Tgt Ion: 79 Resp: 369706  
Ion Ratio Lower Upper  
79 100  
108 81.2 69.4 104.2  
77 62.0 49.7 74.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.497 ng  
RT: 7.07 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion: 45 Resp: 810082  
Ion Ratio Lower Upper  
45 100  
77 11.1 0.0 31.5  
79 8.9 0.0 28.9





#17

2-Methylphenol

Concen: 34.101 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

Tgt Ion:107 Resp: 349657

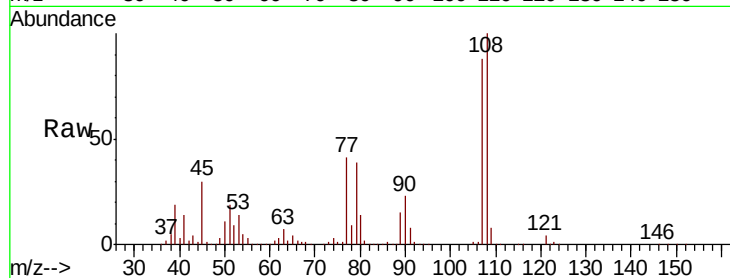
Ion Ratio Lower Upper

107 100

108 114.2 91.0 136.4

77 46.3 33.5 50.3

79 44.0 33.3 49.9

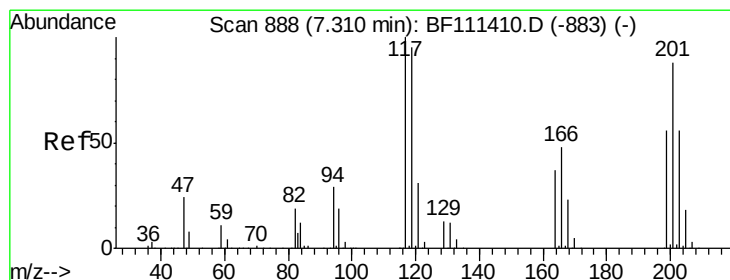
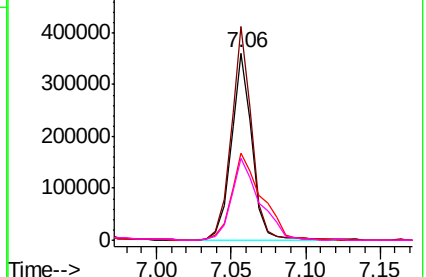
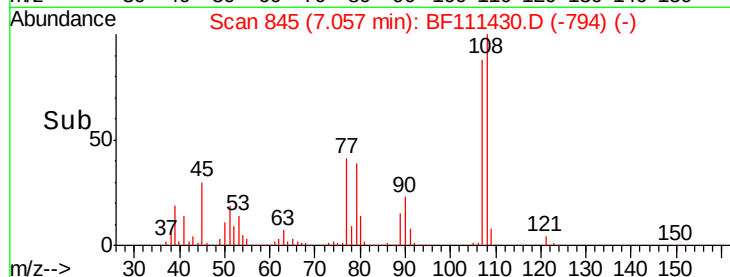


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.474 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

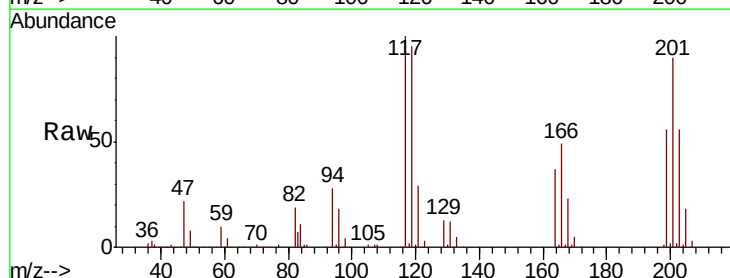
Tgt Ion:117 Resp: 161444

Ion Ratio Lower Upper

117 100

119 95.1 75.4 113.0

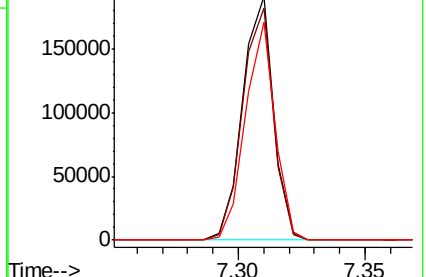
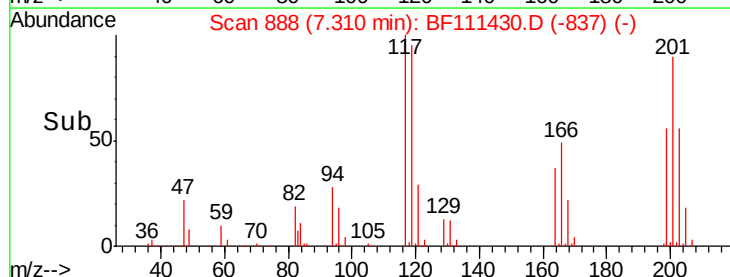
201 89.8 62.4 93.6

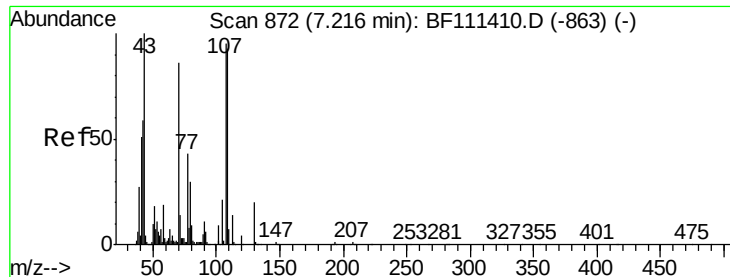


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

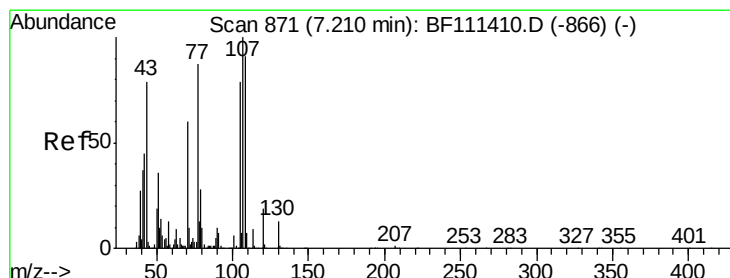
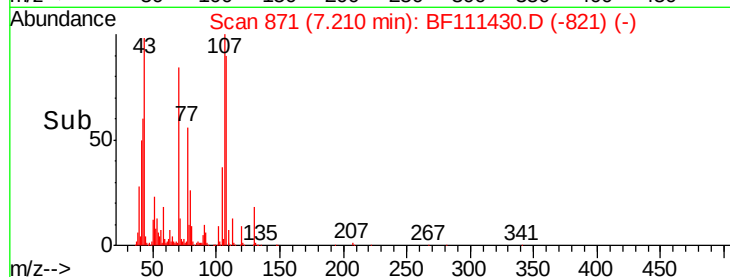
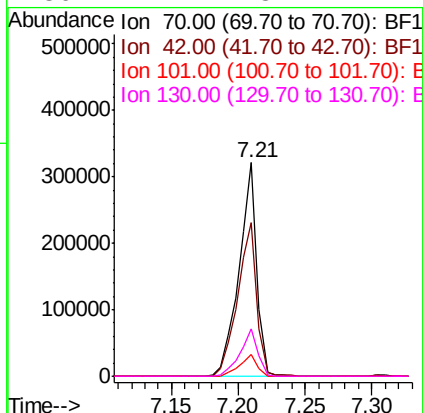
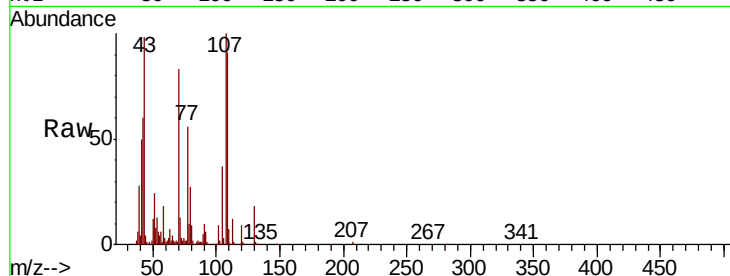




#19  
n-Nitroso-di-n-propylamine  
Concen: 32.034 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

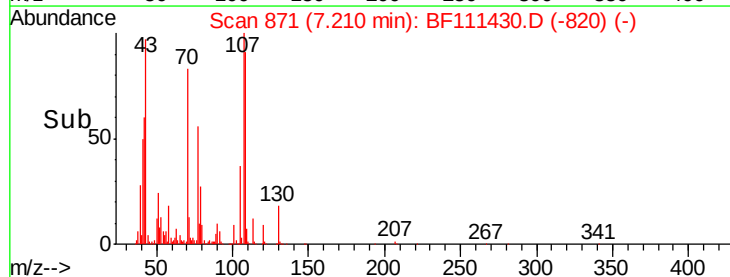
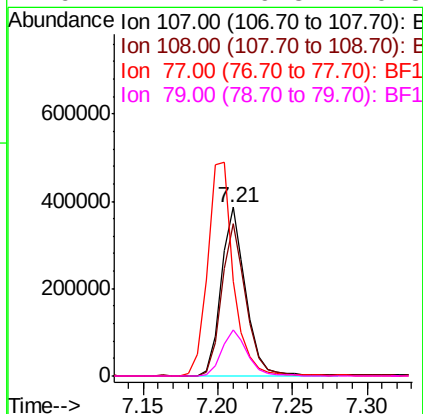
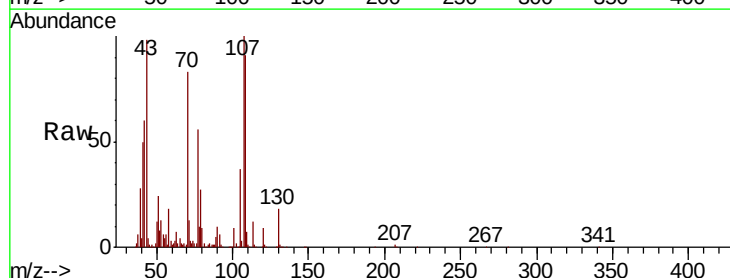
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

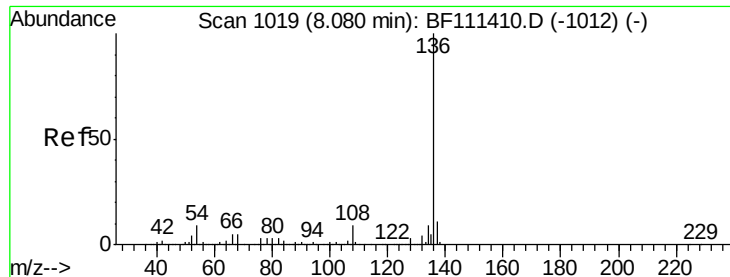
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 299759 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.9  | 53.2  | 79.8   |
| 101      | 10.2  | 8.2   | 12.4   |
| 130      | 22.1  | 18.1  | 27.1   |



#20  
3+4-Methylphenols  
Concen: 34.486 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 443552 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.5  | 72.1  | 112.1  |
| 77       | 56.4  | 94.1  | 134.1# |
| 79       | 27.1  | 9.8   | 49.8   |

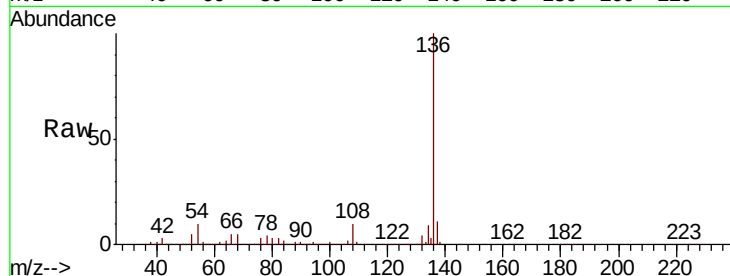




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 704561 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.1   | 13.7   |
| 54       | 10.3  | 7.7   | 11.5   |
| 68       | 5.2   | 4.9   | 7.3    |



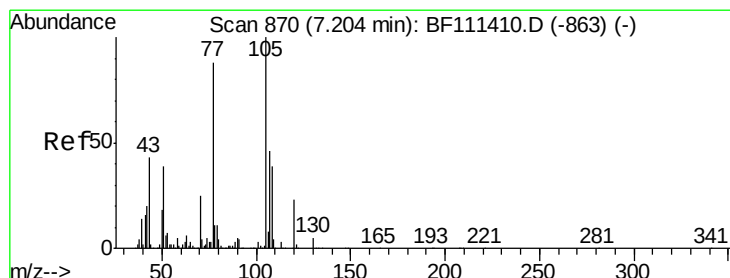
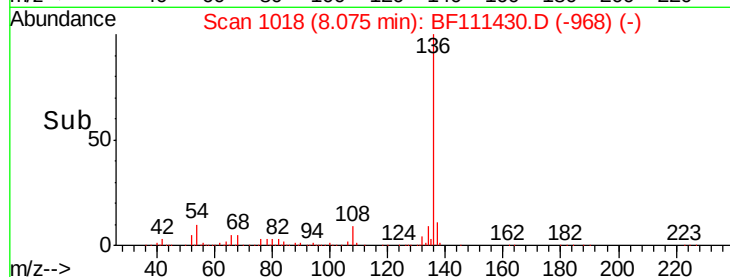
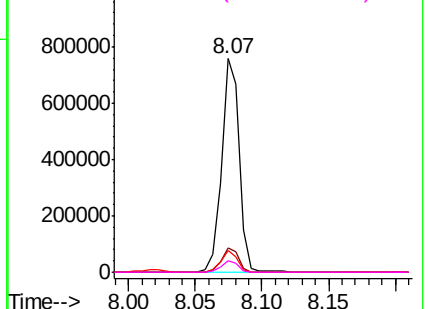
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

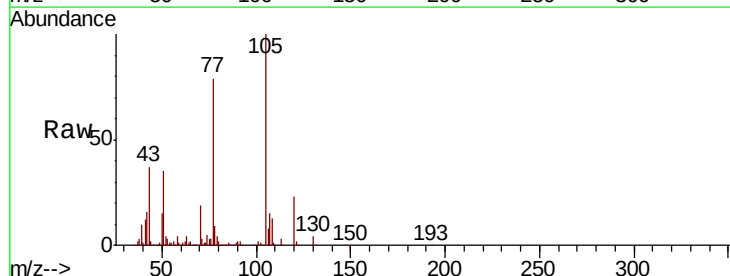
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 38.613 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 607309 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.1   | 3.1   | 4.7#   |
| 51       | 35.1  | 36.6  | 54.8#  |
| 120      | 22.5  | 18.2  | 27.4   |



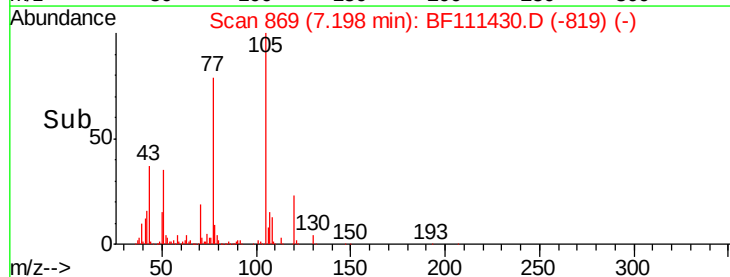
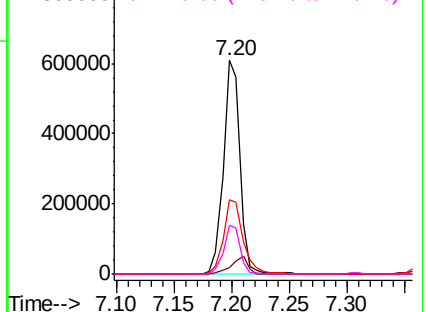
Abundance

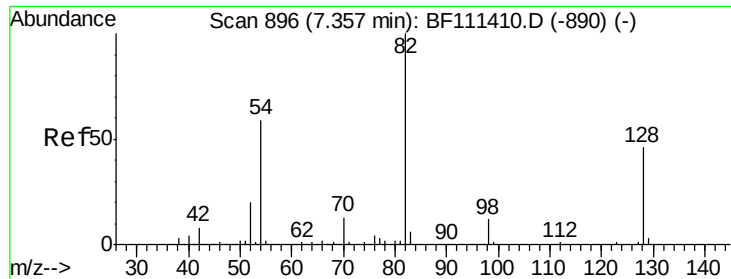
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

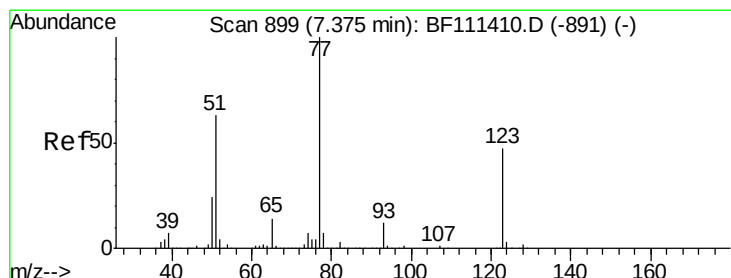
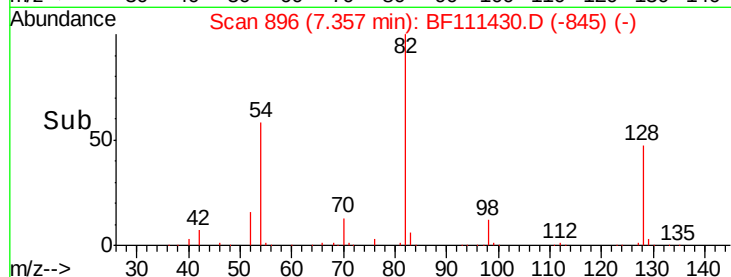
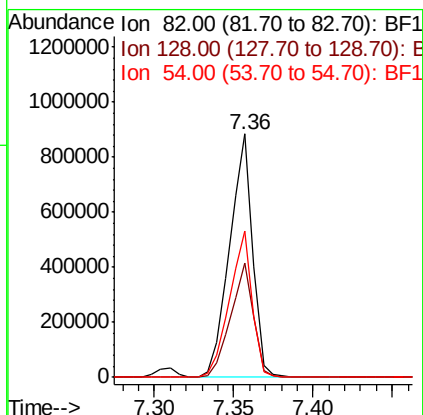
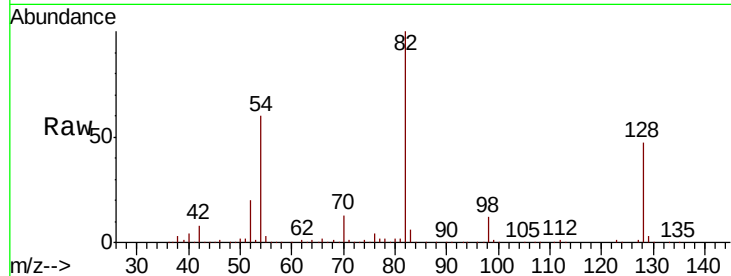




#23  
 Nitrobenzene-d5  
 Concen: 75.142 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

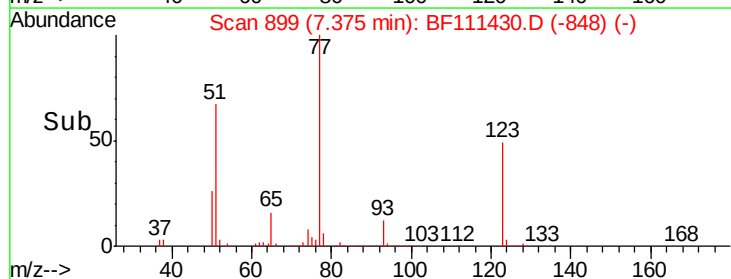
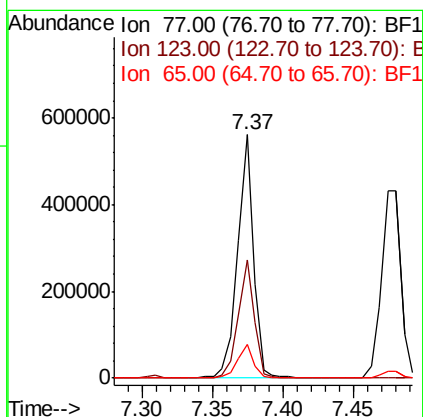
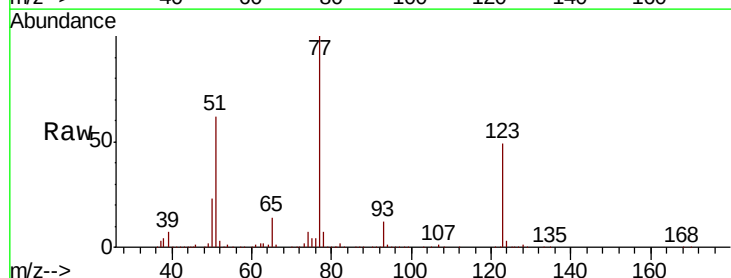
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Tgt Ion: 82 Resp: 889058  
 Ion Ratio Lower Upper  
 82 100  
 128 46.9 37.4 56.2  
 54 59.9 47.6 71.4

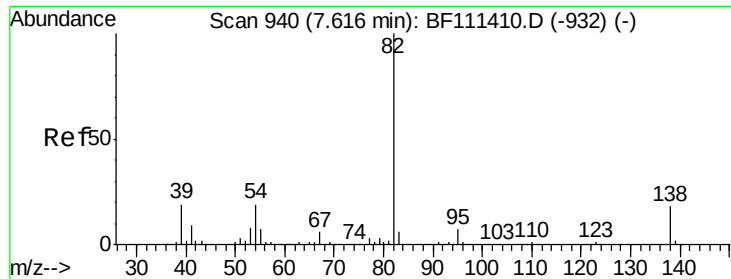


#24  
 Nitrobenzene  
 Concen: 36.483 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion: 77 Resp: 440335  
 Ion Ratio Lower Upper  
 77 100  
 123 48.6 37.2 55.8  
 65 13.9 11.5 17.3







#25

Isophorone

Concen: 39.870 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

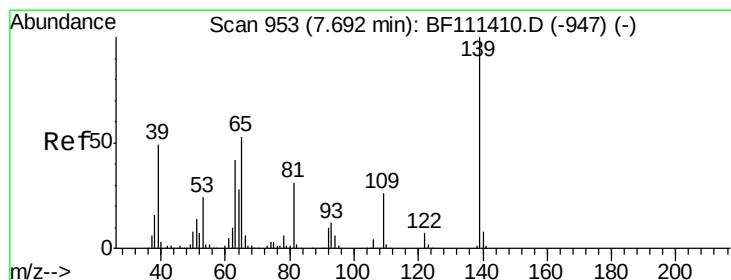
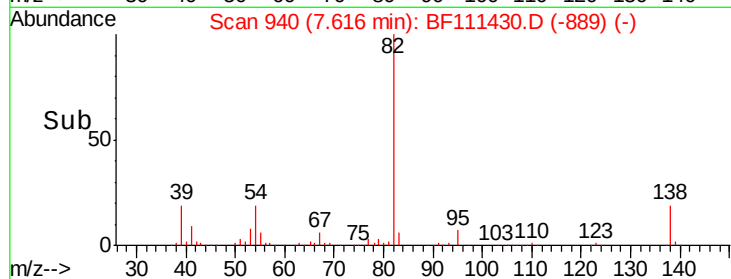
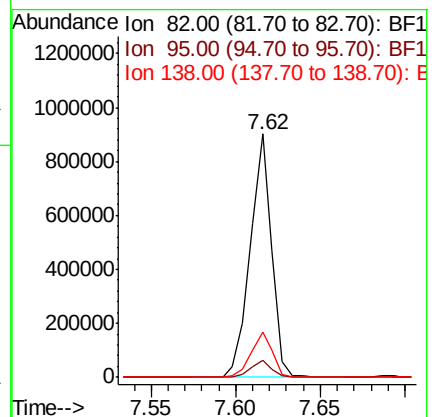
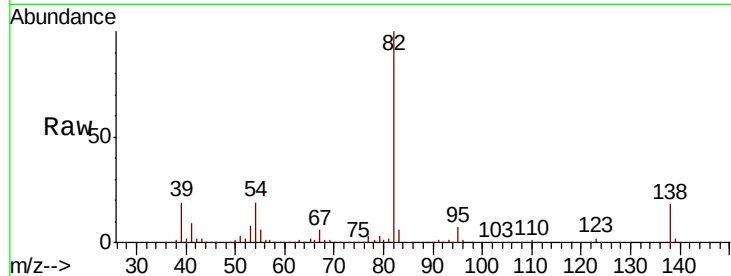
Tgt Ion: 82 Resp: 798177

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.5 15.1 22.7



#26

2-Nitrophenol

Concen: 35.243 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

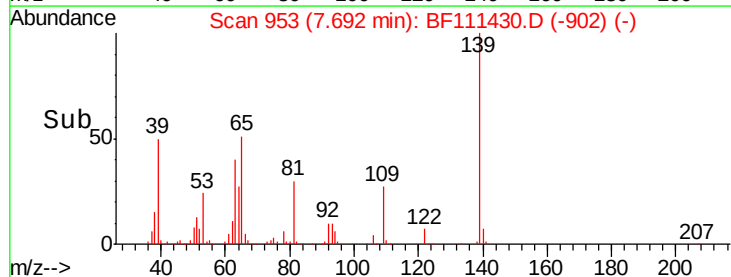
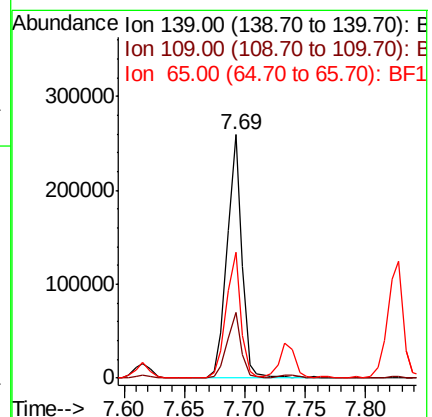
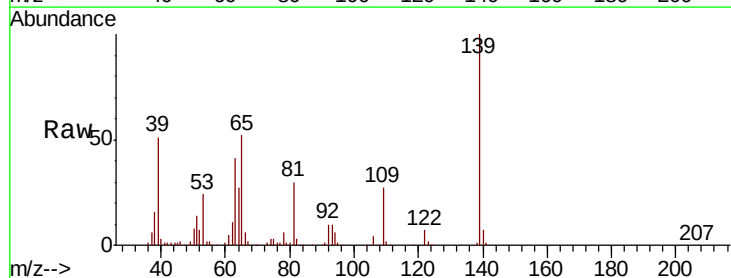
Tgt Ion: 139 Resp: 220597

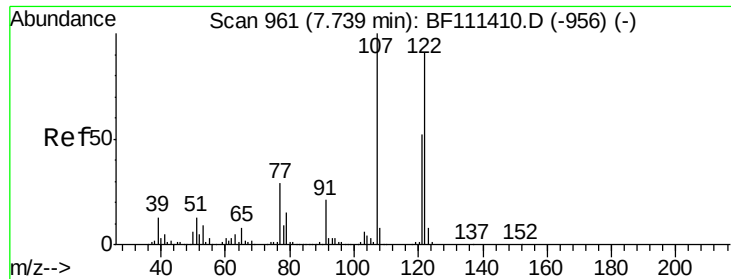
Ion Ratio Lower Upper

139 100

109 26.8 20.2 30.4

65 51.7 40.7 61.1

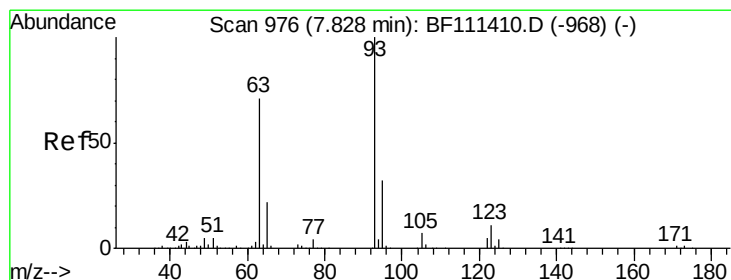
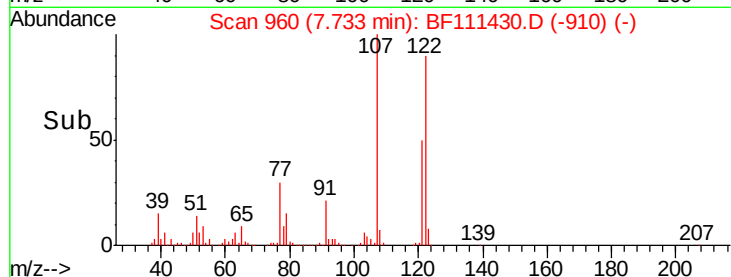
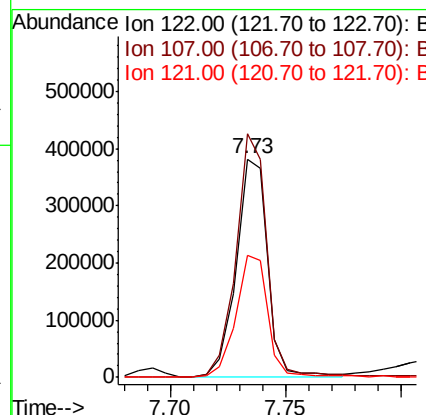
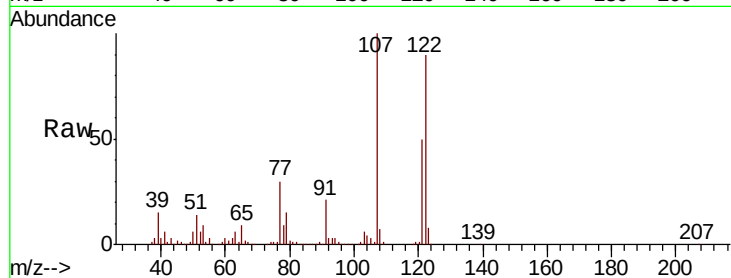




#27  
 2,4-Dimethylphenol  
 Concen: 39.993 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

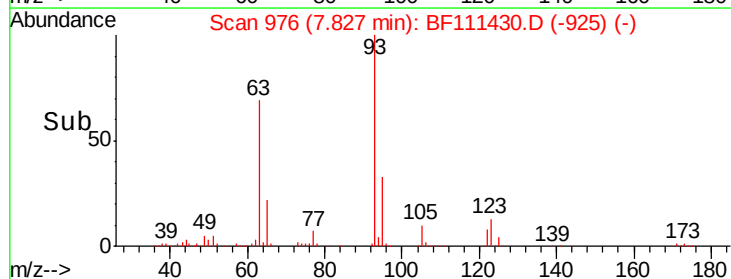
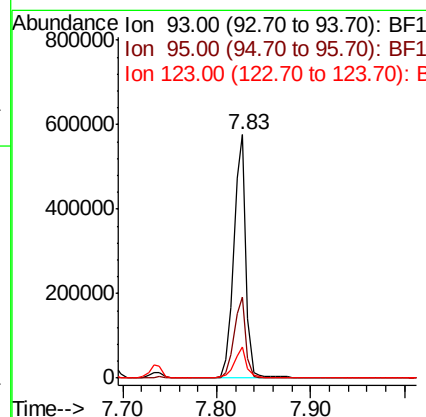
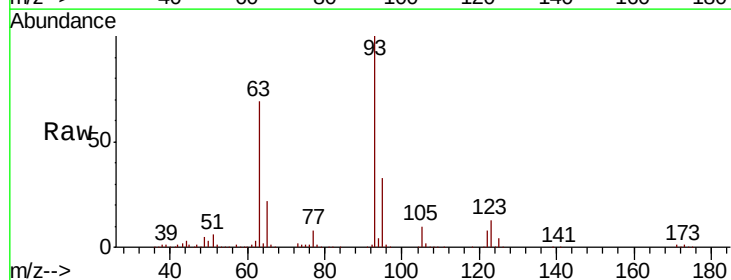
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

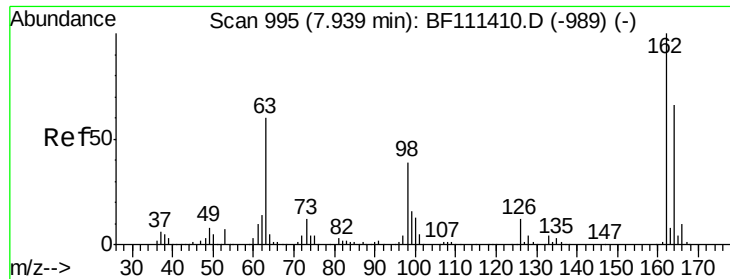
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.6 | 85.5  | 128.3 |
| 121     | 56.1  | 46.6  | 70.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.323 ng  
 RT: 7.83 min Scan# 976  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 27.1  | 40.7  |
| 123     | 12.8  | 9.9   | 14.9  |

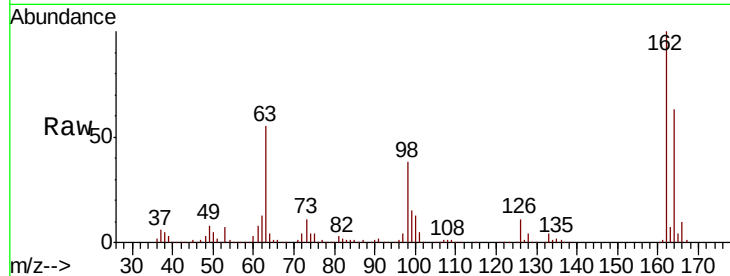




#29  
2,4-Dichlorophenol  
Concen: 36.021 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 44.4  | 84.4  |
| 98      | 37.6  | 20.3  | 60.3  |

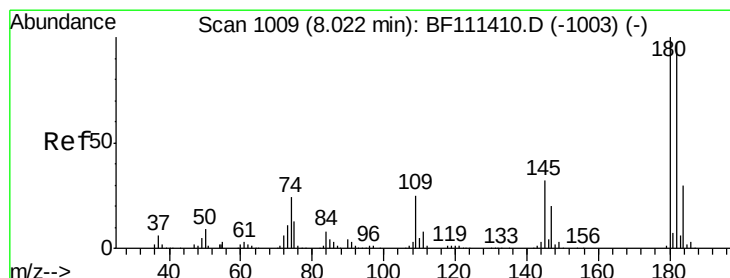
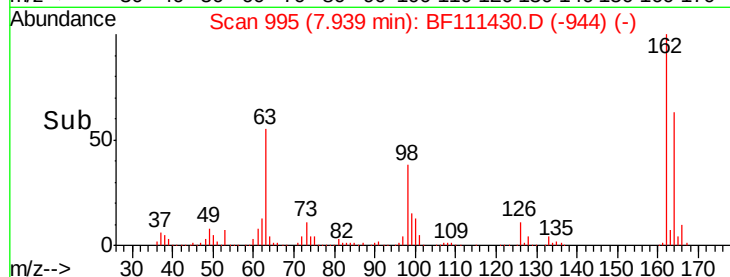
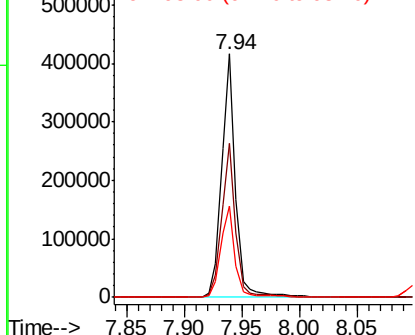


Abundance

Ion 162.00 (161.70 to 162.70): E

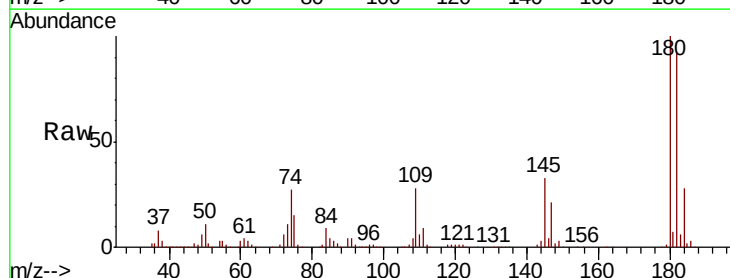
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 35.072 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.4  | 75.6  | 113.4 |
| 145     | 33.4  | 26.7  | 40.1  |

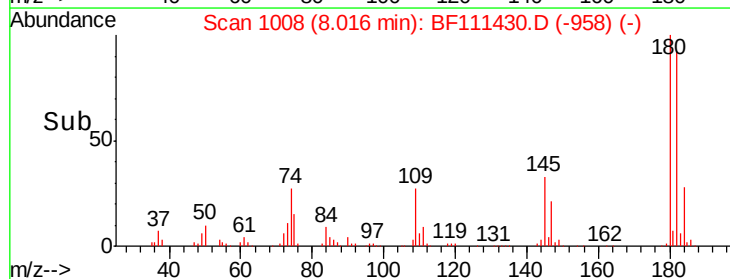
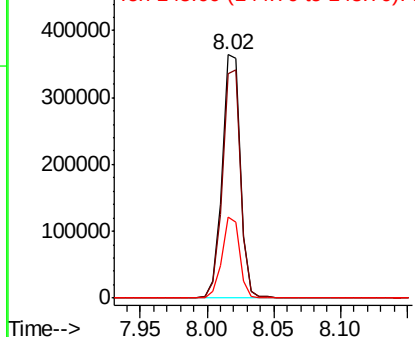


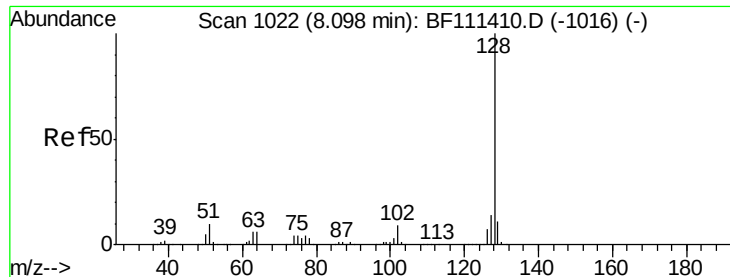
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

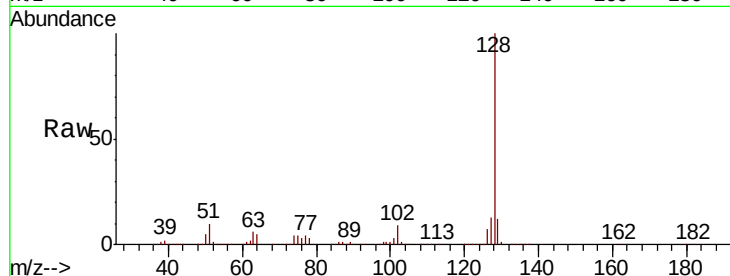




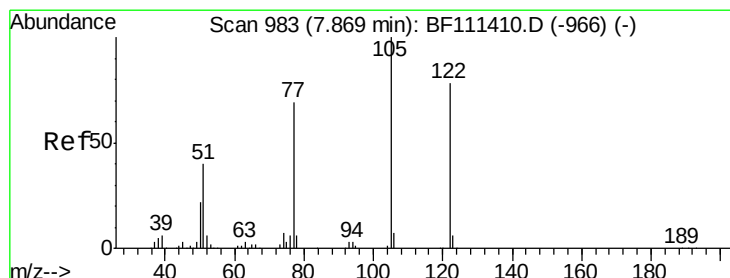
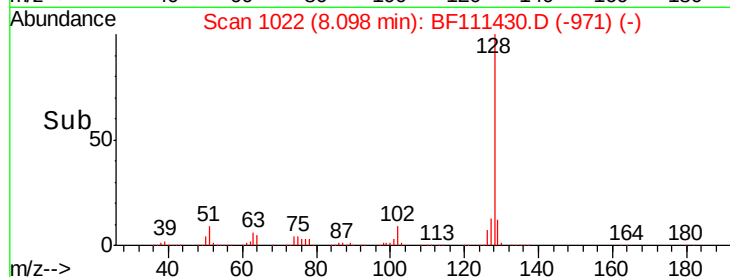
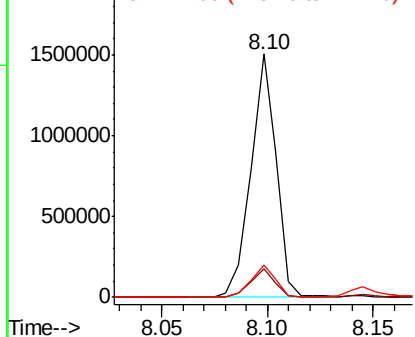
#31  
Naphthalene  
Concen: 38.267 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

Tgt Ion:128 Resp: 1261060  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.8 14.8  
127 13.1 12.0 18.0

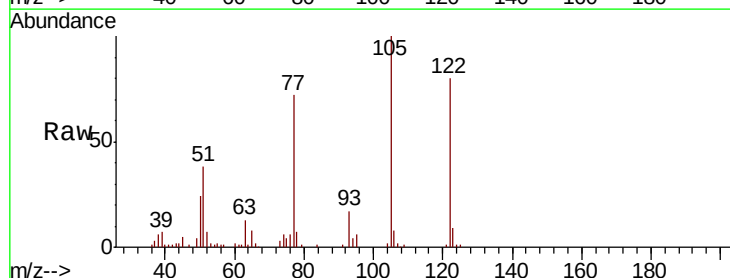


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

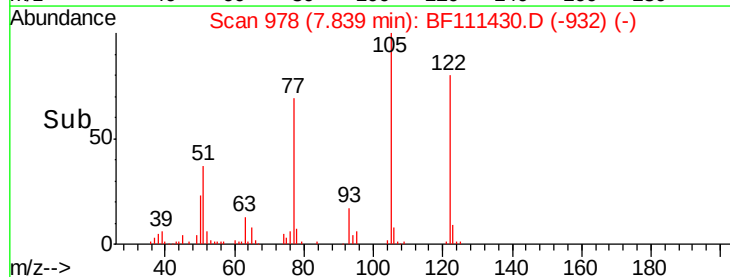
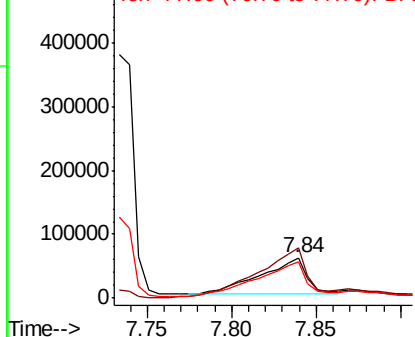


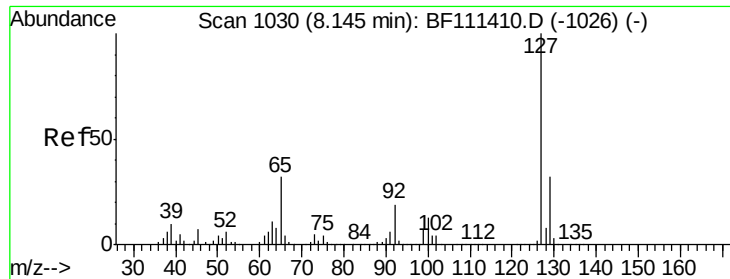
#32  
Benzoic acid  
Concen: 14.384 ng  
RT: 7.84 min Scan# 978  
Delta R.T. -0.03 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion:122 Resp: 112790  
Ion Ratio Lower Upper  
122 100  
105 124.6 97.0 137.0  
77 89.6 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

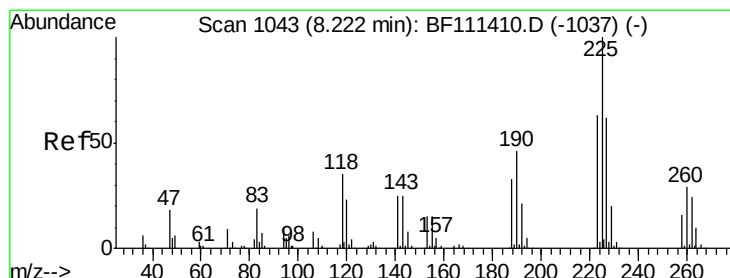
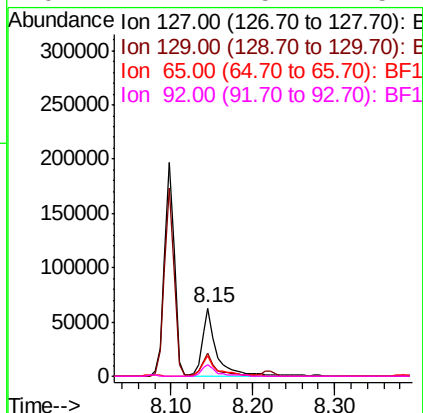
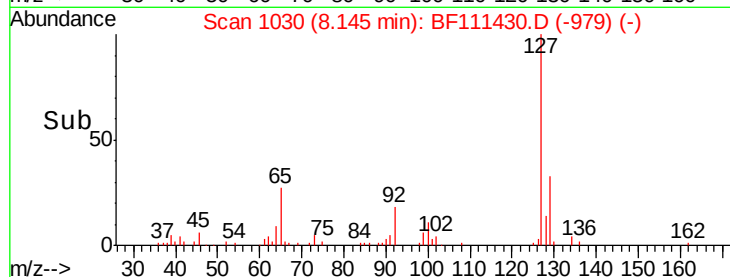
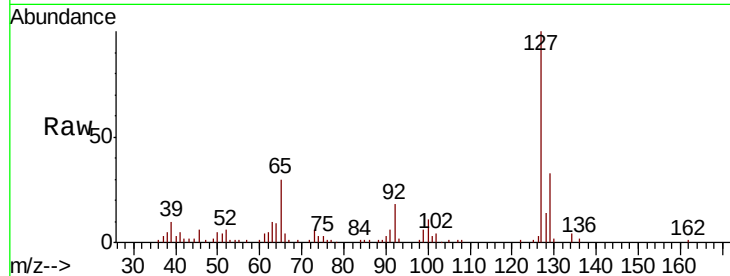




#33  
4-Chloroaniline  
Concen: 5.431 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

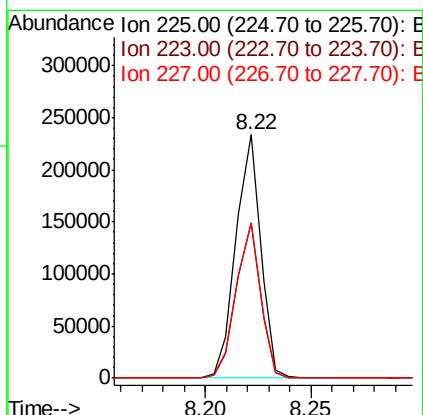
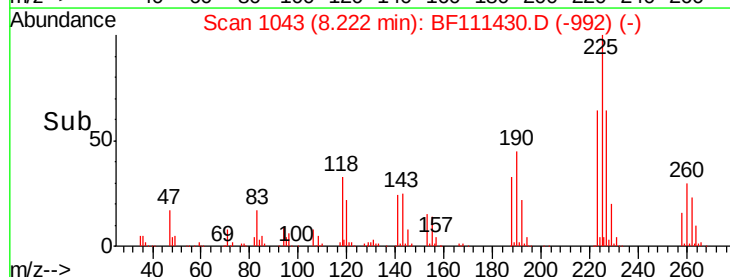
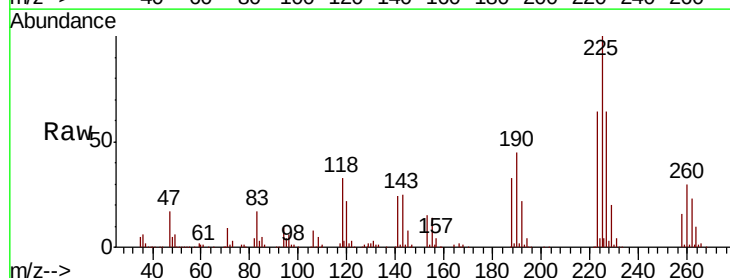
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

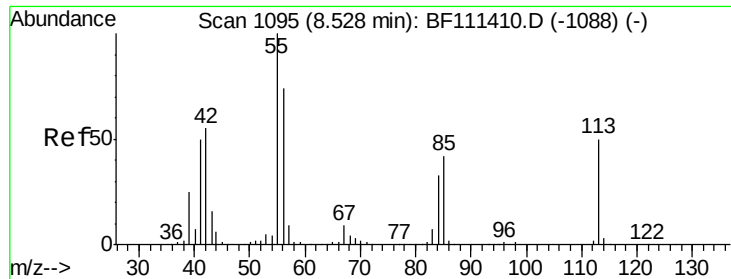
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 79590 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.2  | 26.6  | 39.8  |
| 65       | 30.3  | 25.7  | 38.5  |
| 92       | 17.7  | 15.4  | 23.2  |



#34  
Hexachlorobutadiene  
Concen: 33.977 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 189824 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 50.7  | 76.1   |
| 227      | 63.7  | 52.6  | 78.8   |

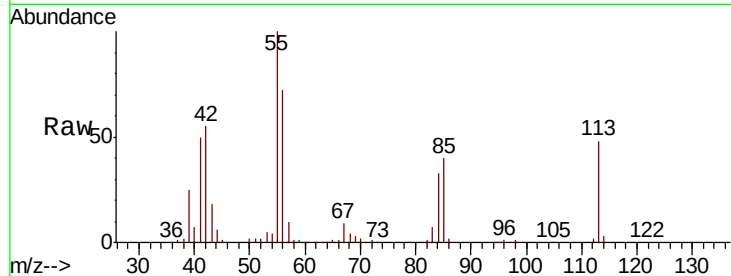




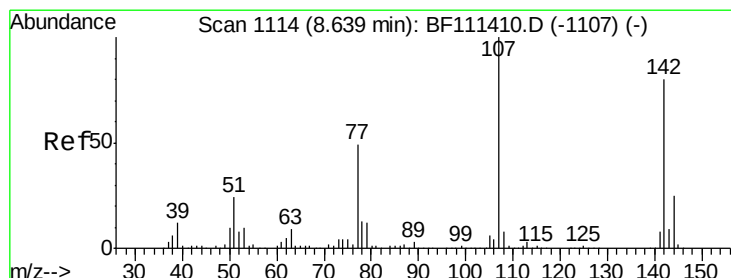
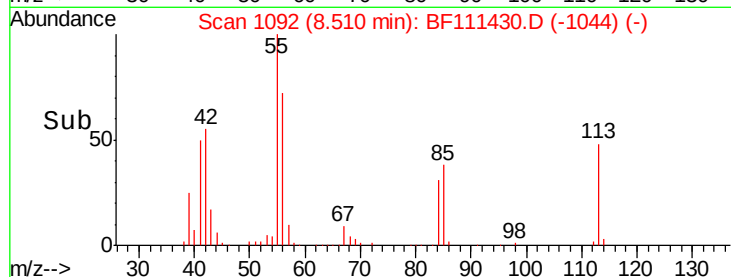
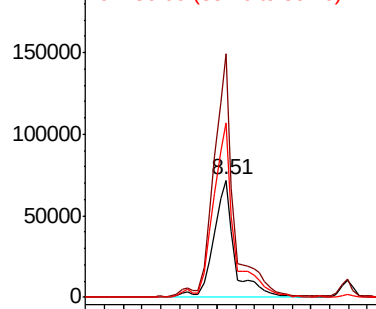
#35  
 Caprolactam  
 Concen: 30.761 ng  
 RT: 8.51 min Scan# 1092  
 Delta R.T. -0.02 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Tgt Ion:113 Resp: 110630  
 Ion Ratio Lower Upper  
 113 100  
 55 207.2 184.1 224.1  
 56 148.6 126.0 166.0

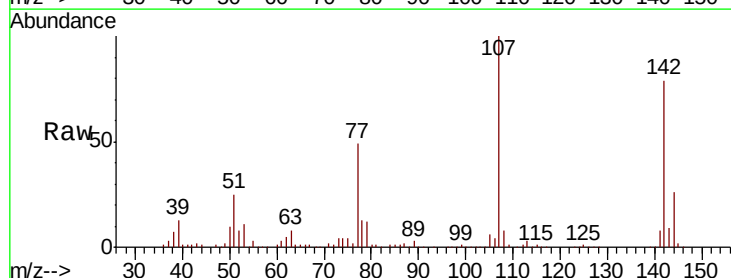


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

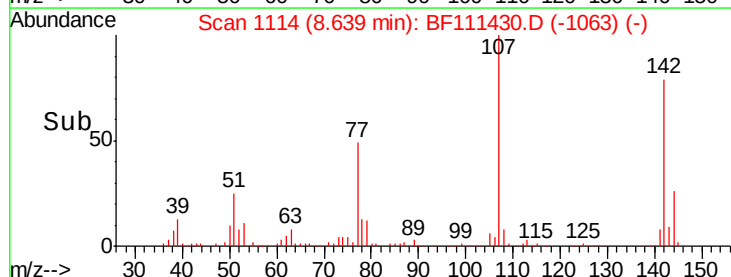
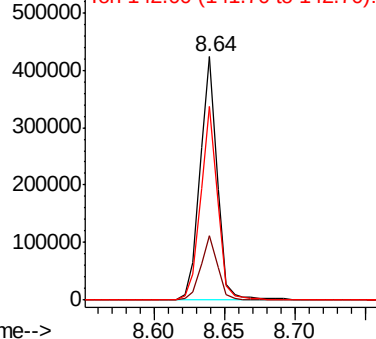


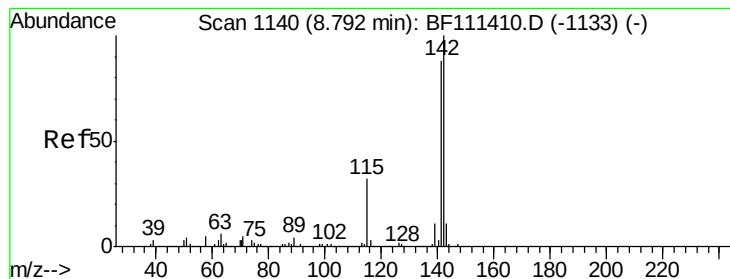
#36  
 4-Chloro-3-methylphenol  
 Concen: 33.695 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion:107 Resp: 359273  
 Ion Ratio Lower Upper  
 107 100  
 144 26.3 19.8 29.6  
 142 79.4 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 37.385 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

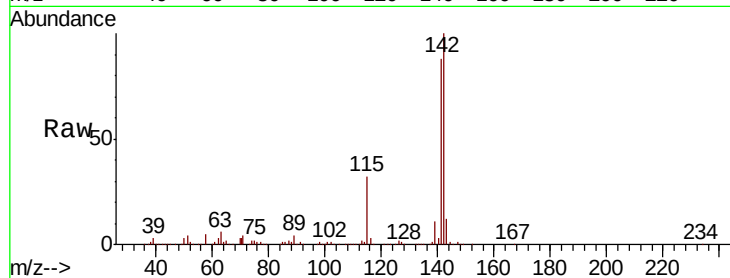
Tgt Ion:142 Resp: 833661

Ion Ratio Lower Upper

142 100

141 87.6 70.6 105.8

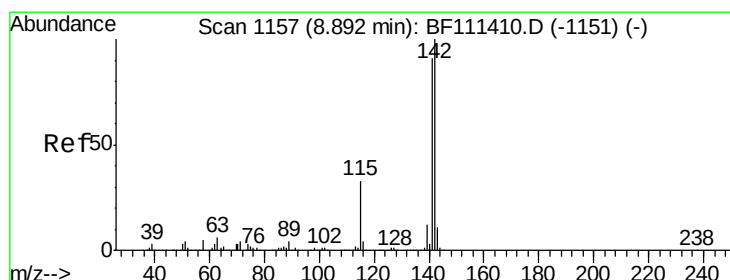
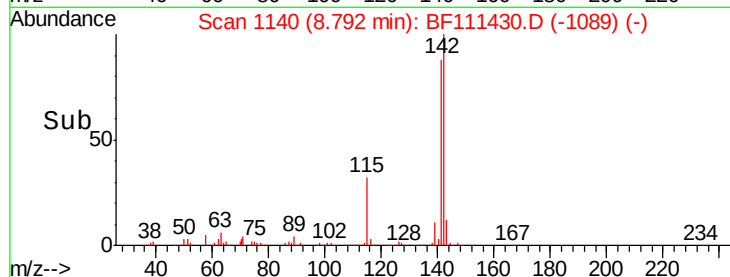
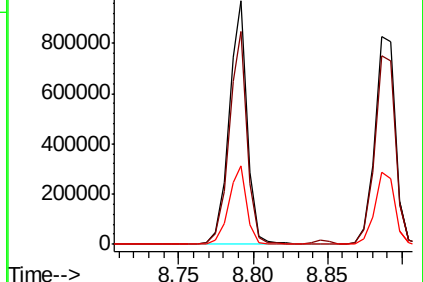
115 32.5 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.005 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

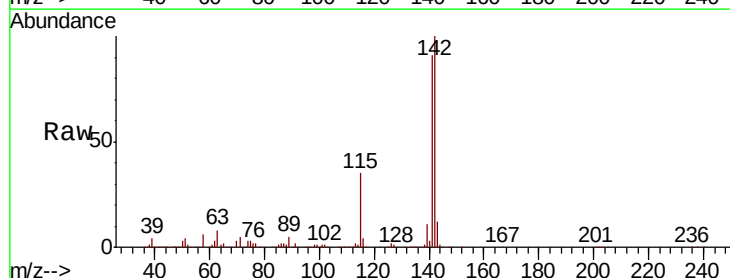
Tgt Ion:142 Resp: 775654

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

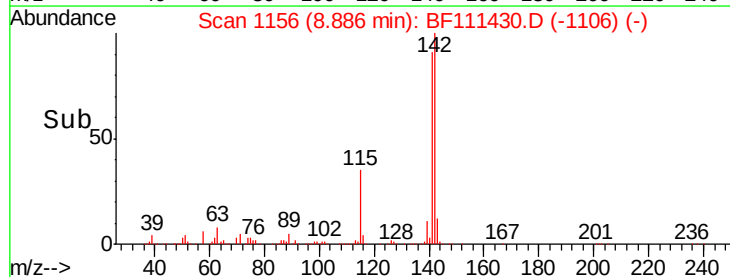
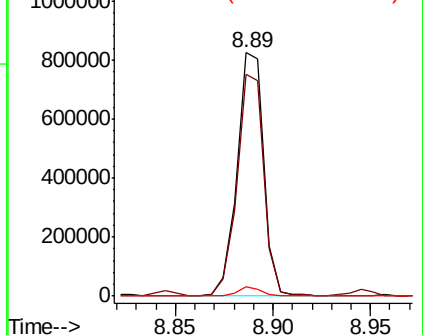
116 3.8 2.9 4.3

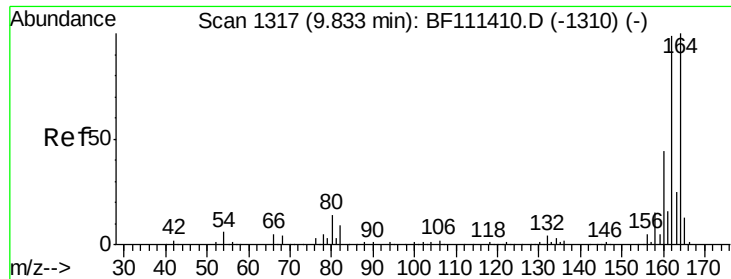


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

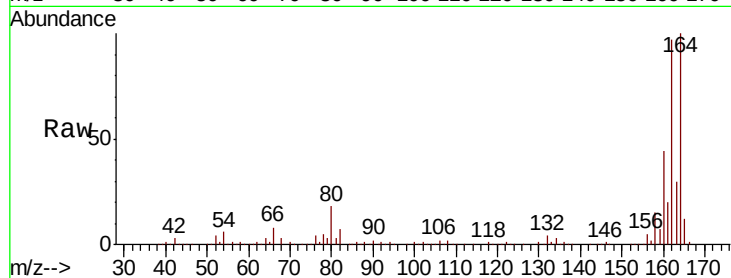
Tgt Ion:164 Resp: 309827

Ion Ratio Lower Upper

164 100

162 97.4 81.4 122.0

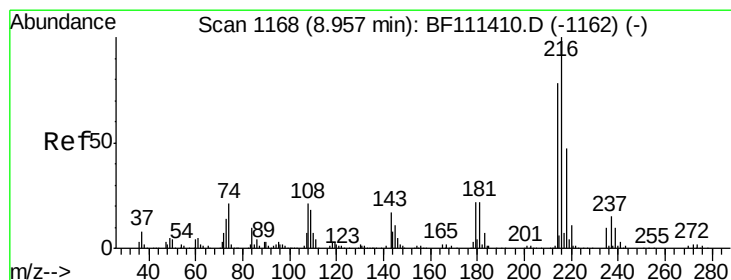
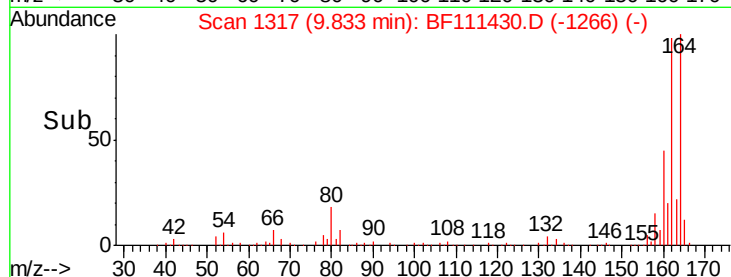
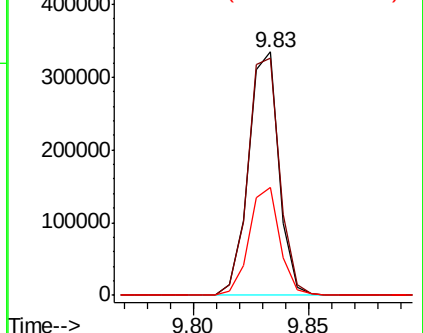
160 44.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.342 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:216 Resp: 308790

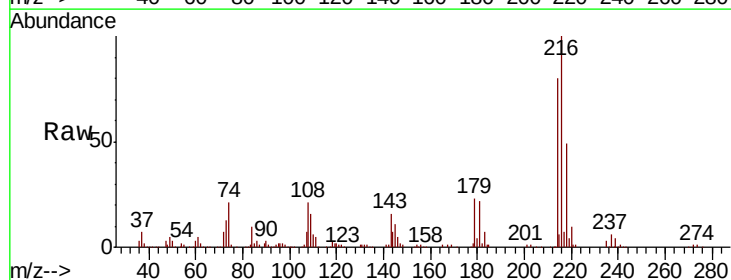
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 22.5 17.9 26.9

108 21.0 18.4 27.6

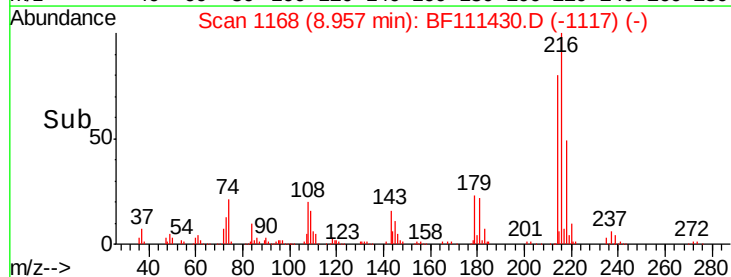
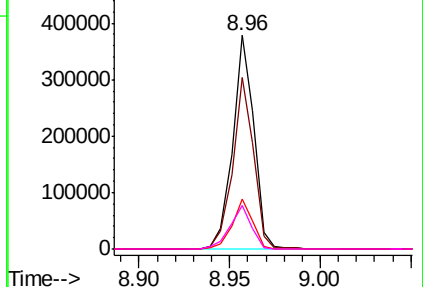


Abundance Ion 216.00 (215.70 to 216.70): E

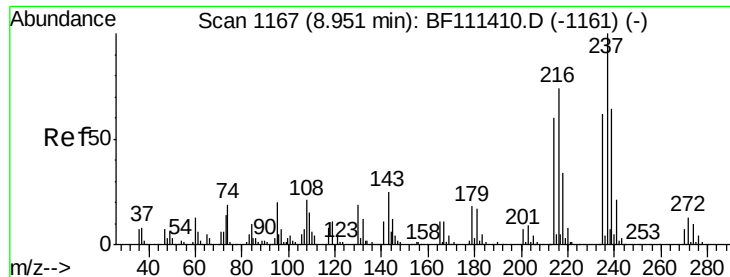
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 28.859 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

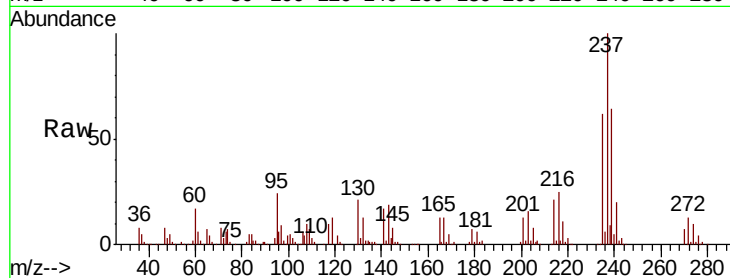
Tgt Ion: 237 Resp: 125892

Ion Ratio Lower Upper

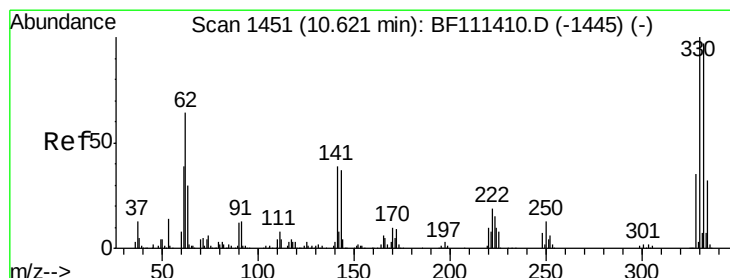
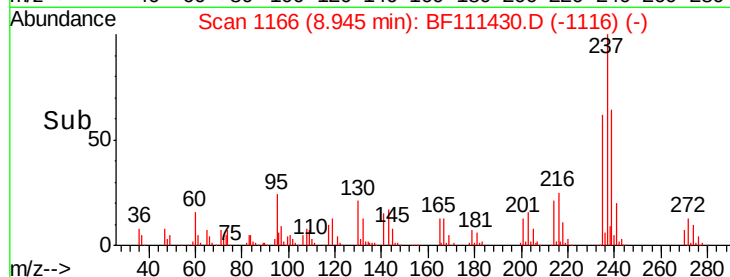
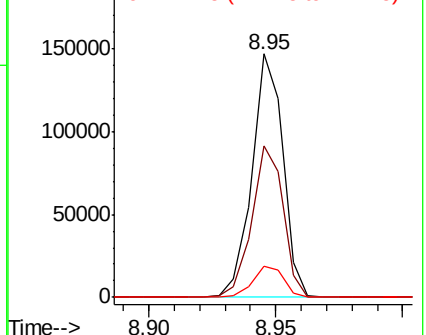
237 100

235 62.1 43.1 83.1

272 12.6 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 91.398 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

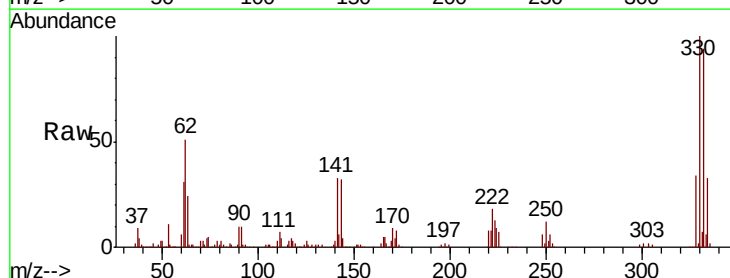
Tgt Ion: 330 Resp: 253664

Ion Ratio Lower Upper

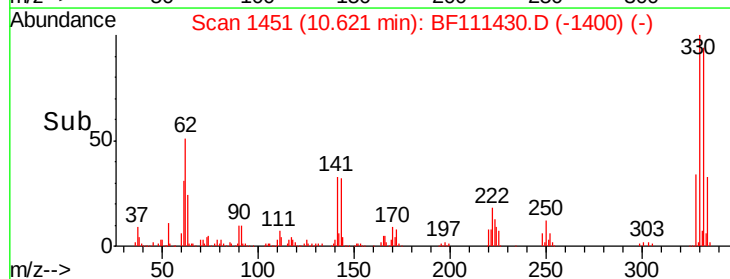
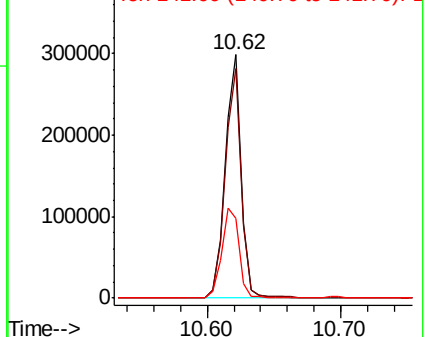
330 100

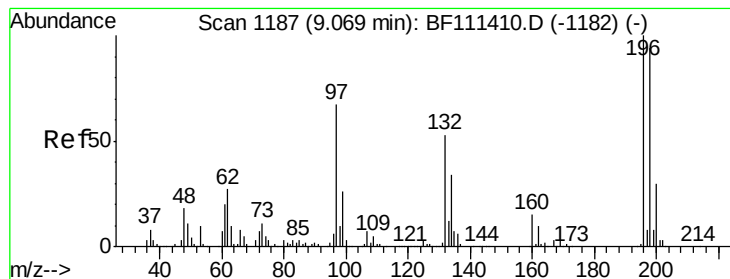
332 95.0 76.0 114.0

141 40.1 31.0 46.6



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





#43

2,4,6-Trichlorophenol

Concen: 35.683 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

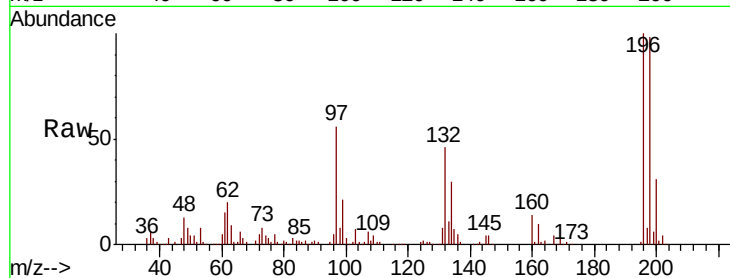
Tgt Ion:196 Resp: 214584

Ion Ratio Lower Upper

196 100

198 97.8 76.3 114.5

200 31.5 24.9 37.3

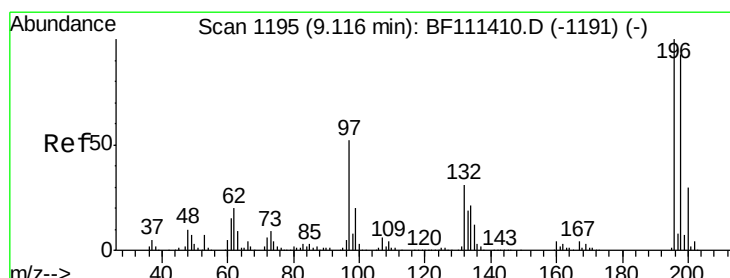
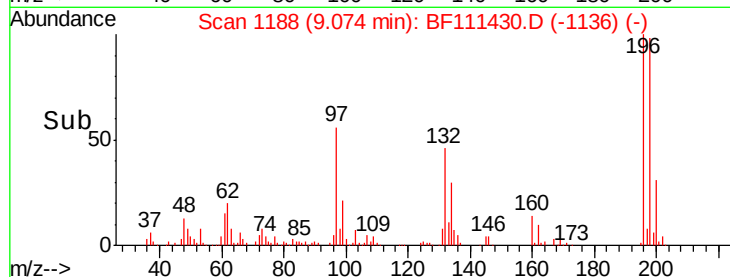
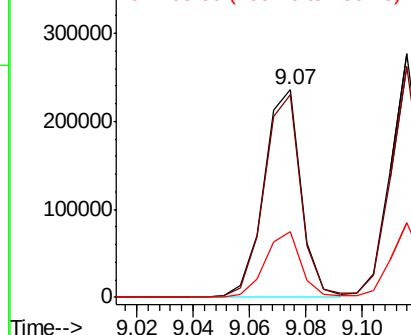


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 34.879 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Tgt Ion:196 Resp: 223197

Ion Ratio Lower Upper

196 100

198 94.9 72.9 109.3

97 55.1 45.3 67.9

132 31.1 25.5 38.3

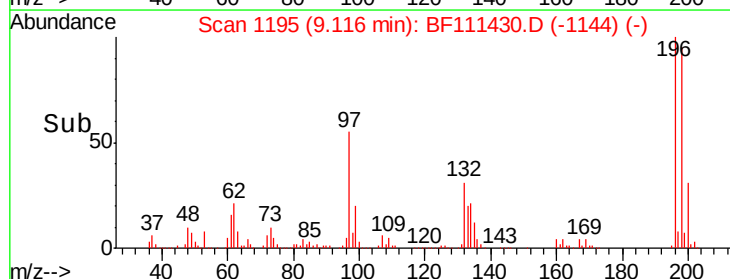
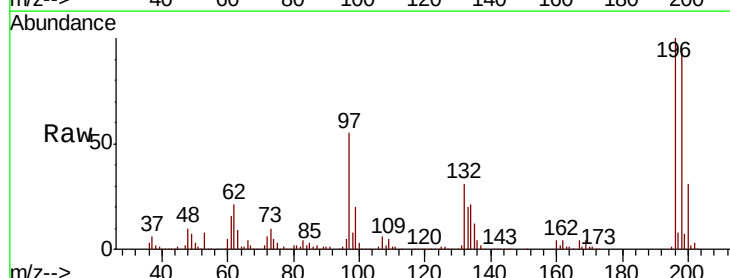
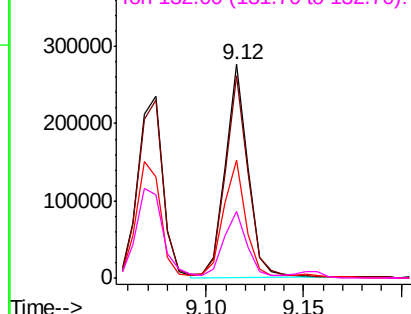
Abundance

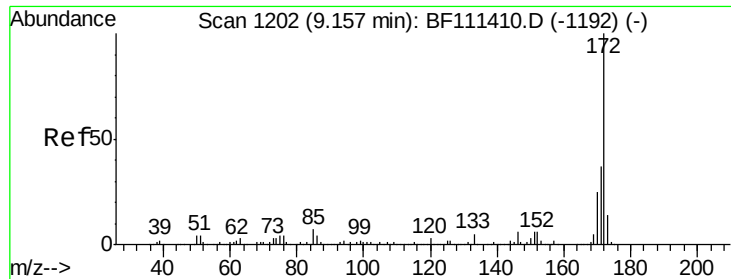
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

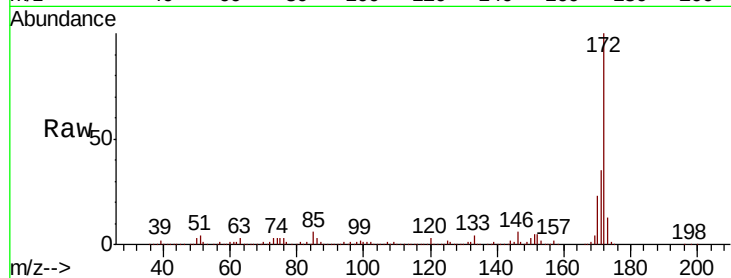




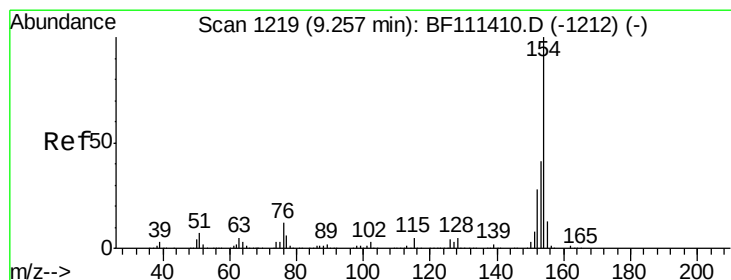
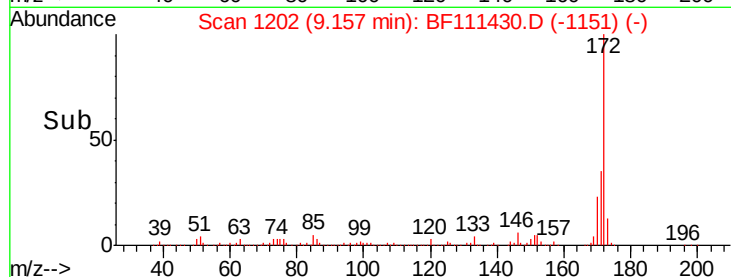
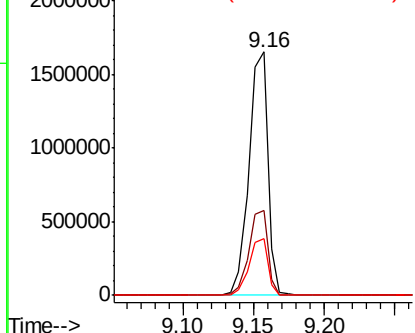
#45  
 2-Fluorobiphenyl  
 Concen: 77.975 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

Tgt Ion:172 Resp: 1564030  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 33.0 49.4  
 170 23.3 22.3 33.5

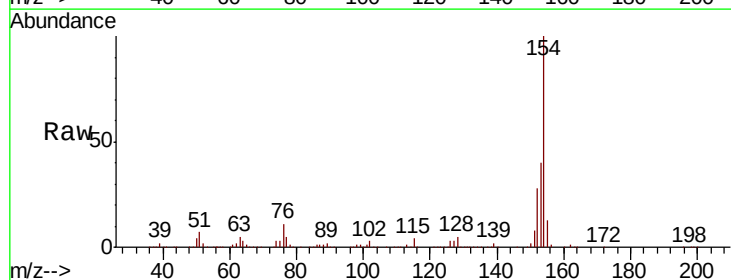


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

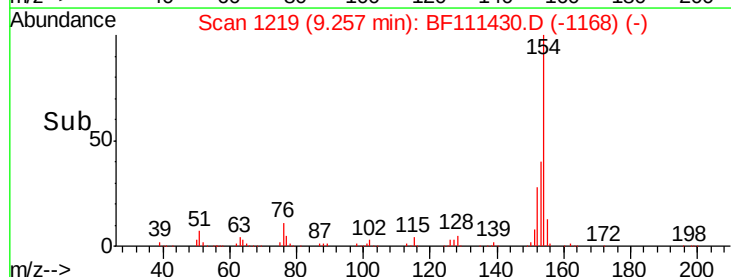
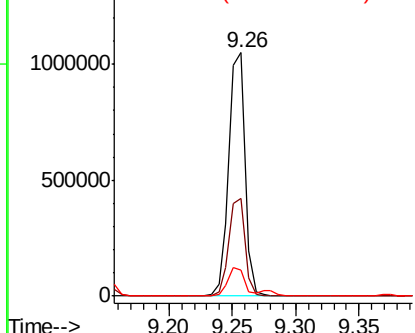


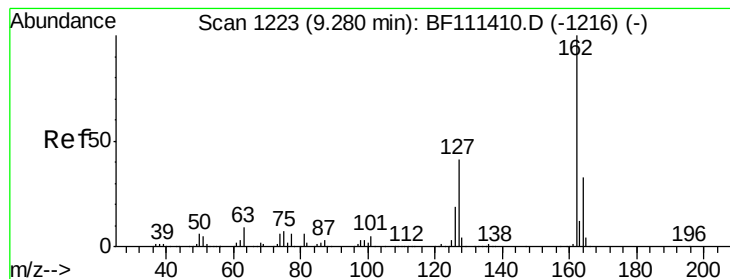
#46  
 1,1'-Biphenyl  
 Concen: 35.684 ng  
 RT: 9.26 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion:154 Resp: 936772  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 23.7 63.7  
 76 10.6 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: 35.979 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

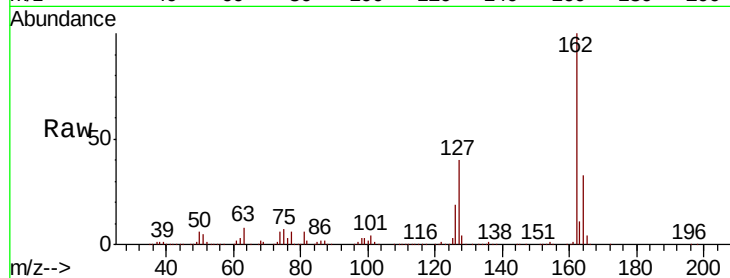
Tgt Ion: 162 Resp: 717944

Ion Ratio Lower Upper

162 100

127 39.9 35.0 52.4

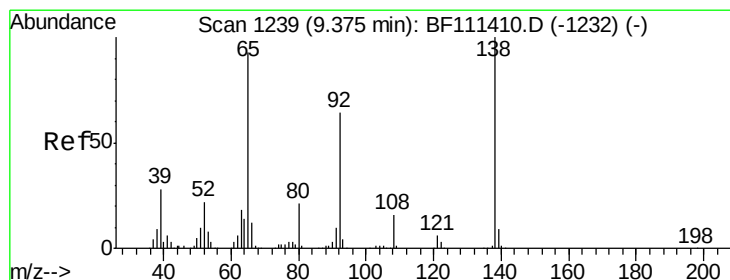
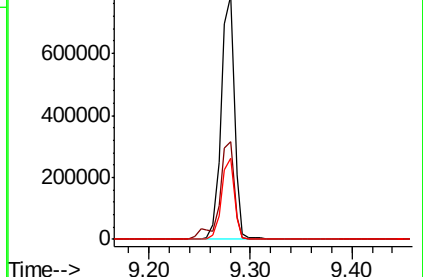
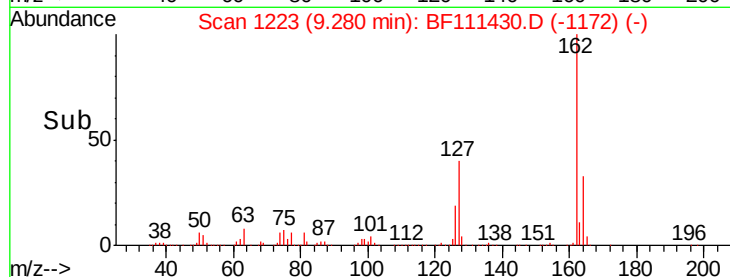
164 33.4 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 34.535 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

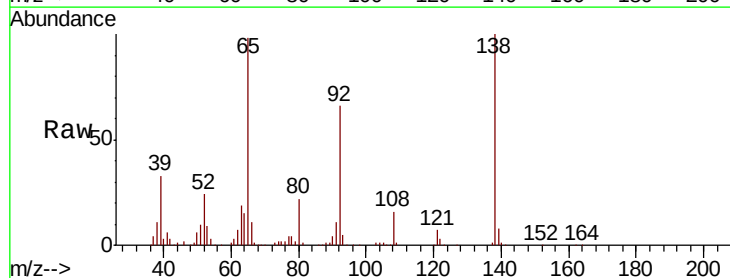
Tgt Ion: 65 Resp: 223756

Ion Ratio Lower Upper

65 100

92 66.8 53.5 80.3

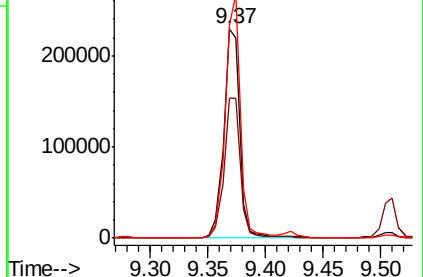
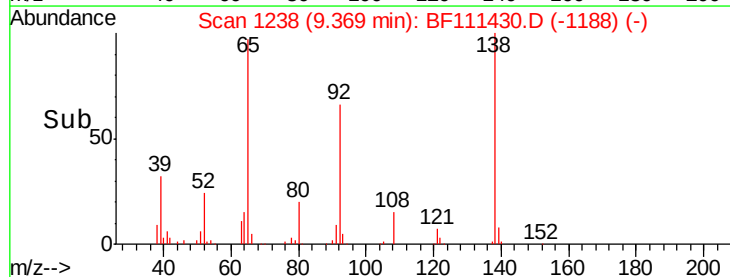
138 102.0 80.9 121.3

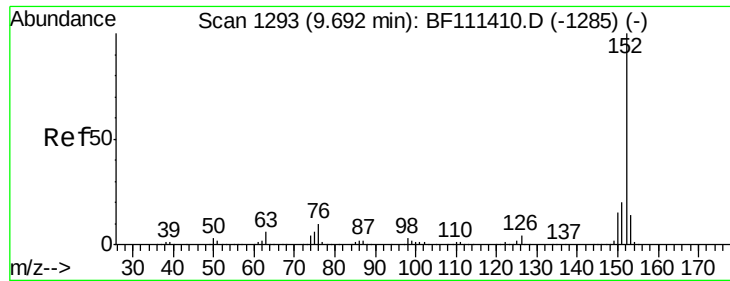


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.897 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

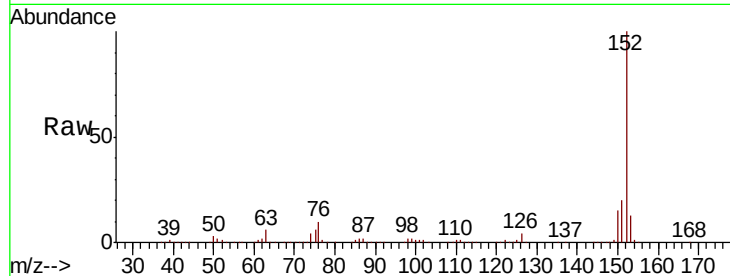
Tgt Ion:152 Resp: 1122494

Ion Ratio Lower Upper

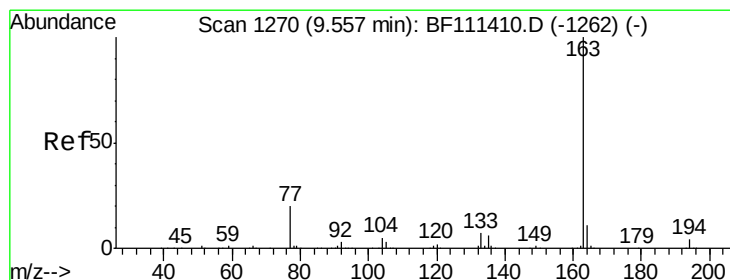
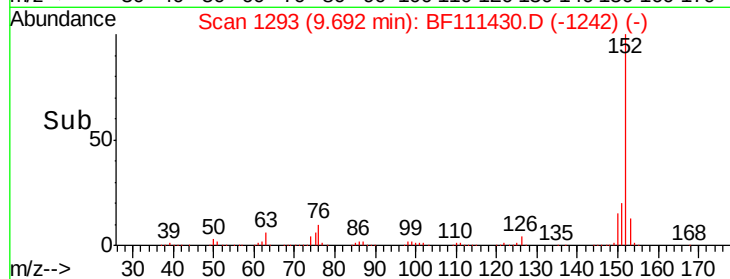
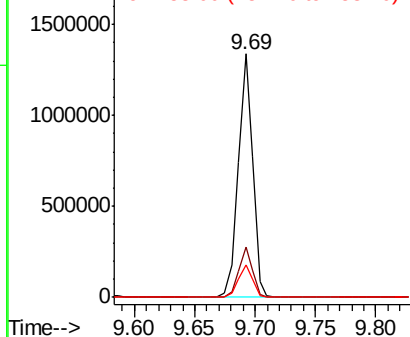
152 100

151 20.4 18.0 27.0

153 13.3 12.3 18.5



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



#50

Dimethylphthalate

Concen: 45.490 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

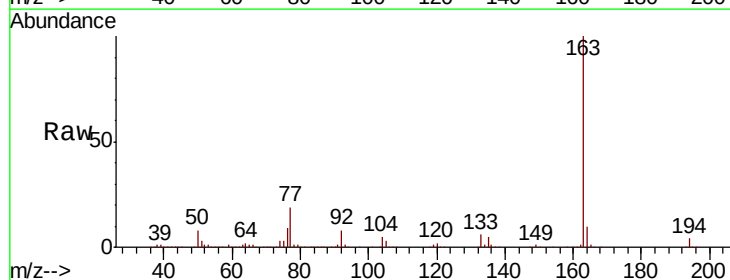
Tgt Ion:163 Resp: 1015017

Ion Ratio Lower Upper

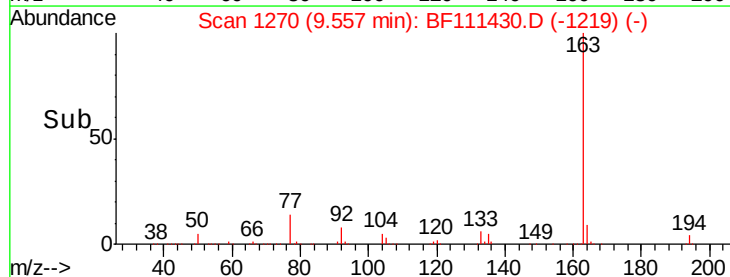
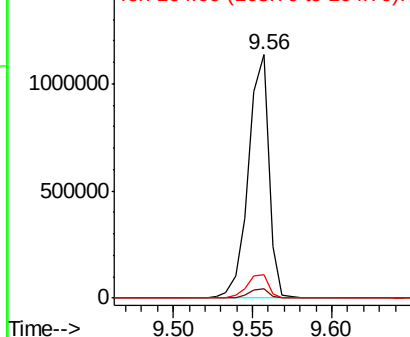
163 100

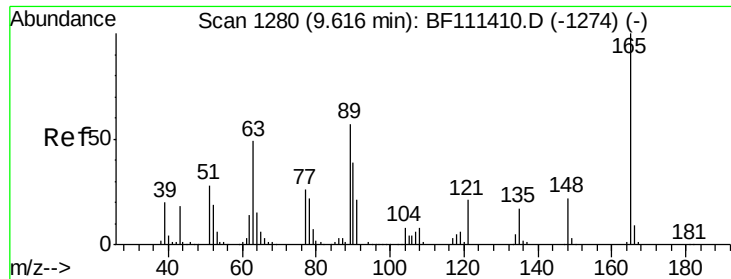
194 3.9 3.0 4.6

164 9.5 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: 34.669 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

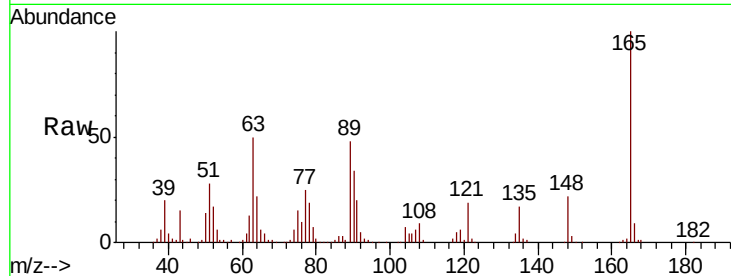
Tgt Ion:165 Resp: 174126

Ion Ratio Lower Upper

165 100

63 50.3 40.5 60.7

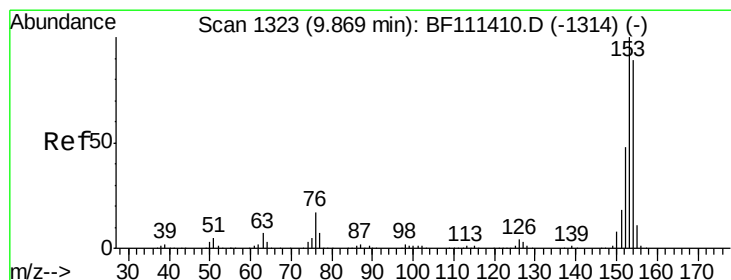
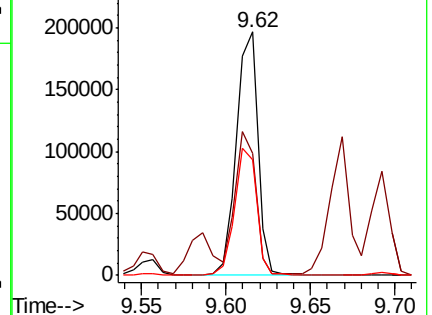
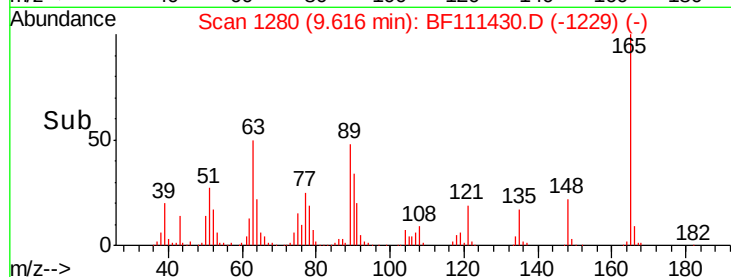
89 47.7 40.0 60.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.278 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

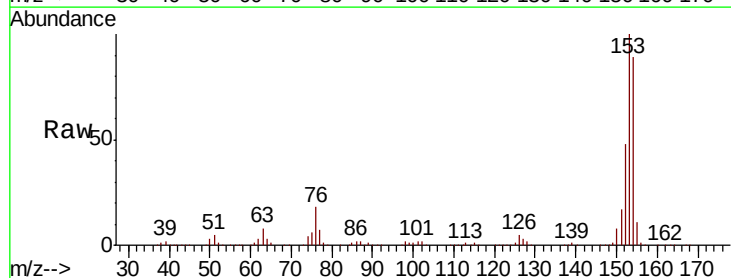
Tgt Ion:154 Resp: 660449

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.8

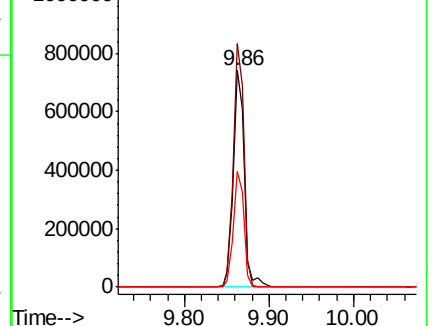
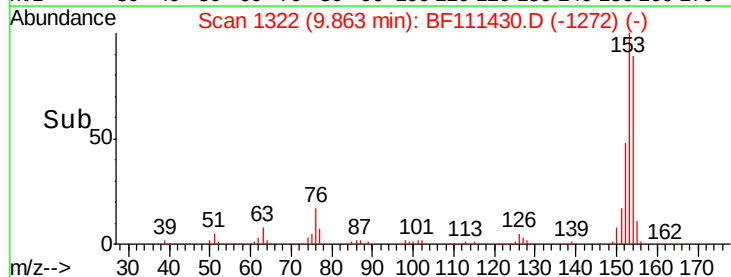
152 53.6 43.4 65.2

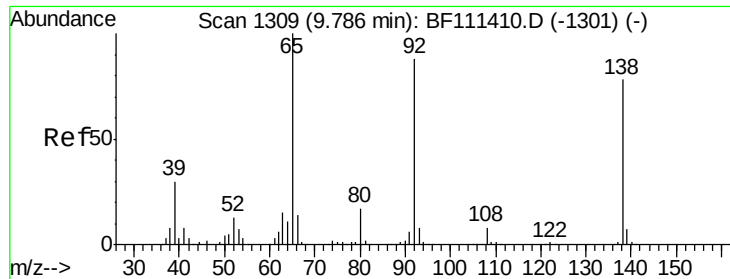


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

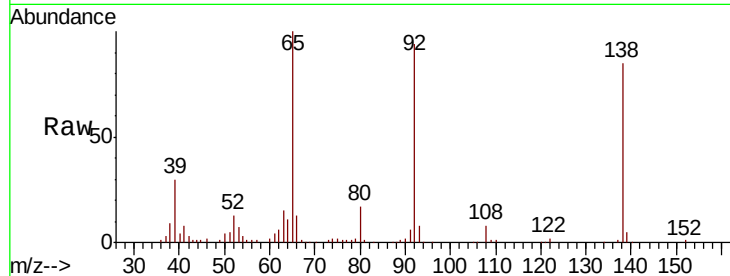




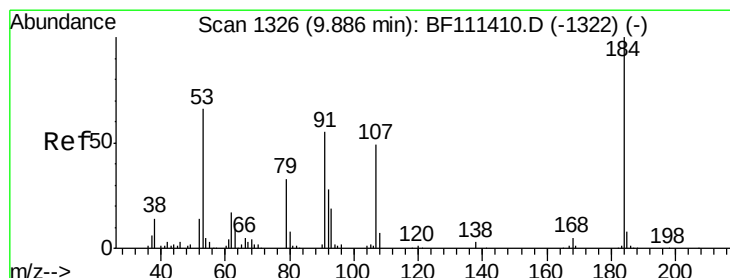
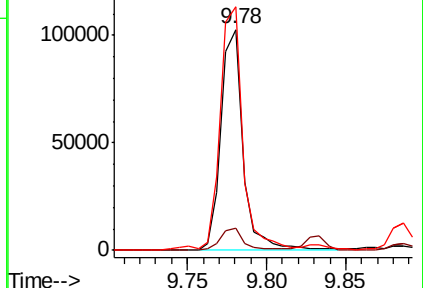
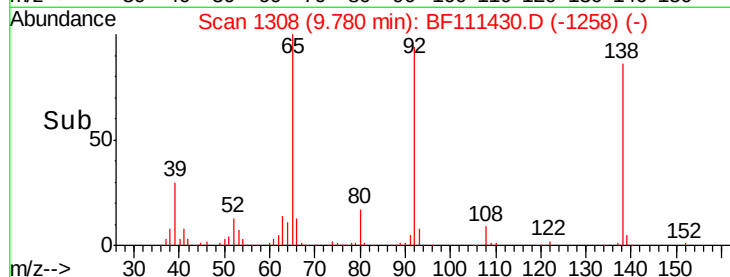
#53  
3-Nitroaniline  
Concen: 16.473 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

Tgt Ion:138 Resp: 100490  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.2 12.4  
92 110.1 93.4 140.2

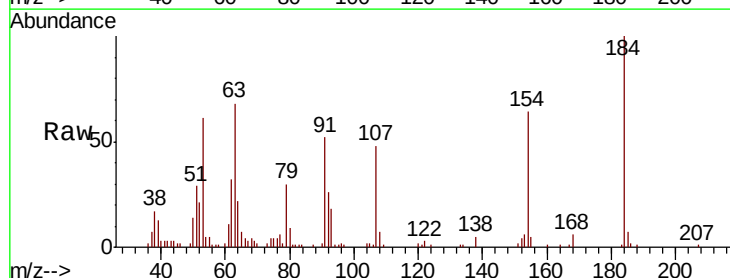


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

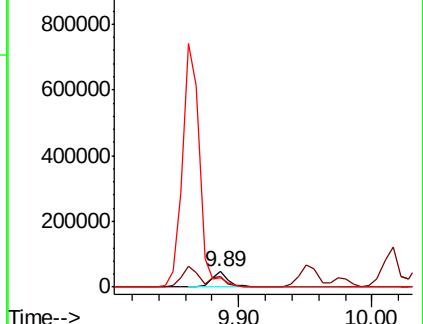
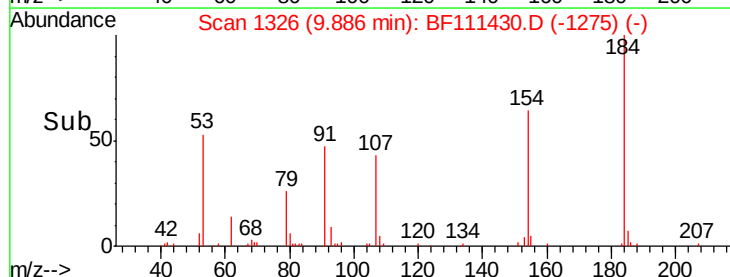


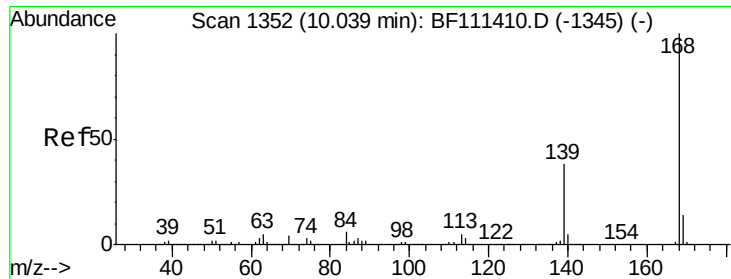
#54  
2,4-Dinitrophenol  
Concen: 22.636 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion:184 Resp: 43253  
Ion Ratio Lower Upper  
184 100  
63 68.3 62.3 93.5  
154 63.7 56.2 84.2



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

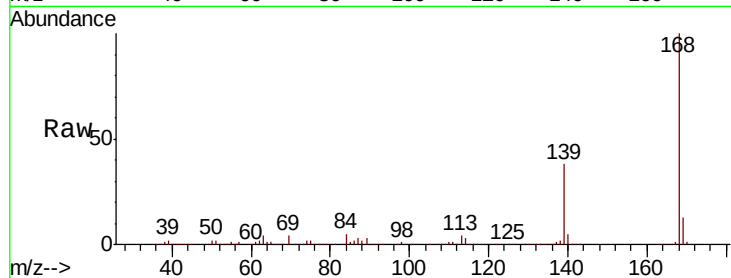




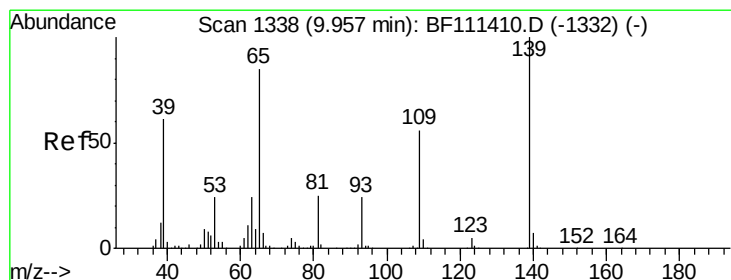
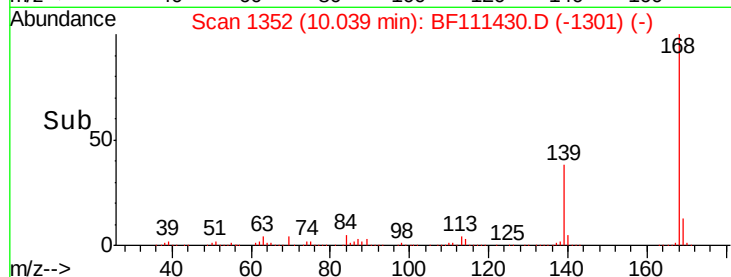
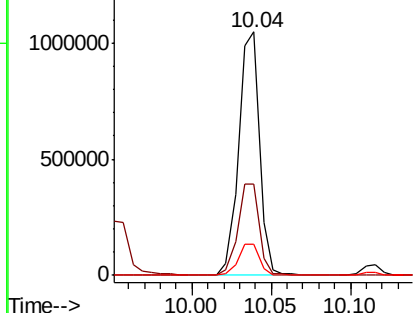
#55  
Dibenzenofuran  
Concen: 35.240 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

Tgt Ion:168 Resp: 957618  
Ion Ratio Lower Upper  
168 100  
139 37.7 32.6 49.0  
169 12.7 11.8 17.6

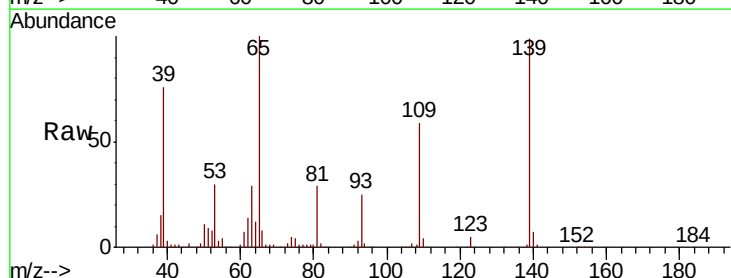


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

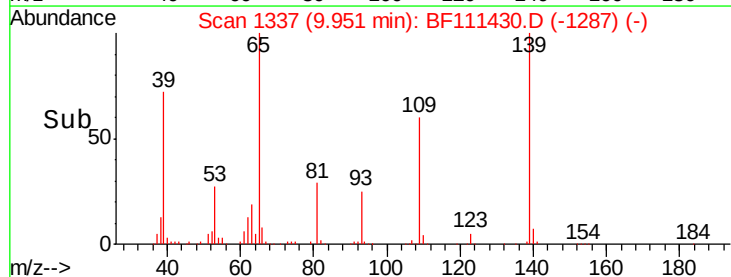
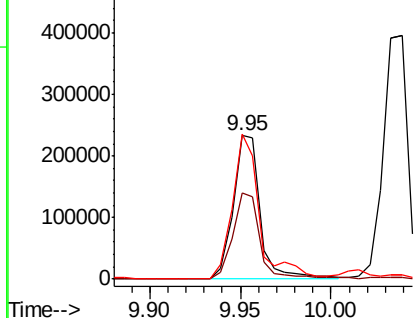


#56  
4-Nitrophenol  
Concen: 57.190 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

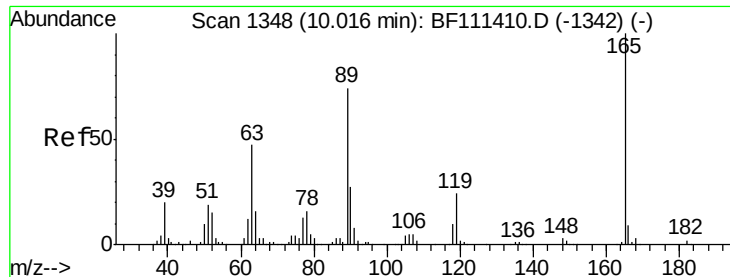
Tgt Ion:139 Resp: 241443  
Ion Ratio Lower Upper  
139 100  
109 59.8 41.8 81.8  
65 100.9 79.6 119.6



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



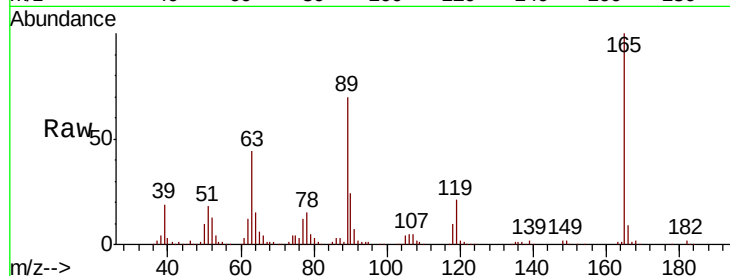




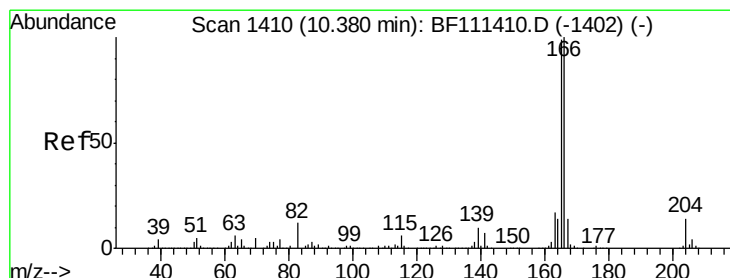
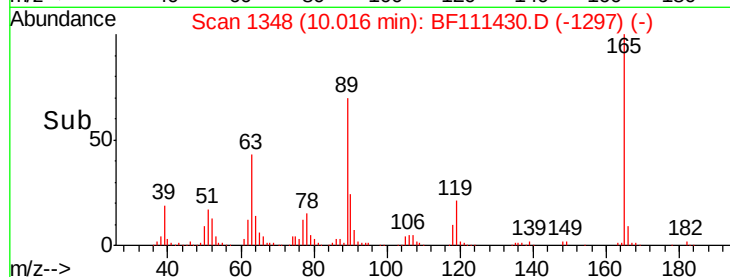
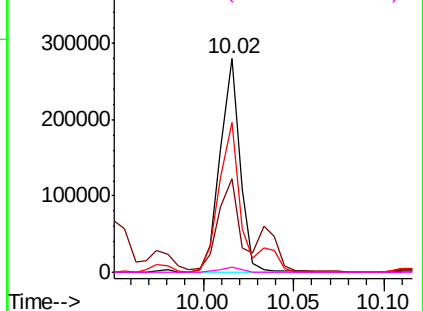
#57  
2,4-Dinitrotoluene  
Concen: 32.506 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

Tgt Ion:165 Resp: 214279  
Ion Ratio Lower Upper  
165 100  
63 43.6 34.6 52.0  
89 70.4 56.2 84.4  
182 2.4 1.8 2.6

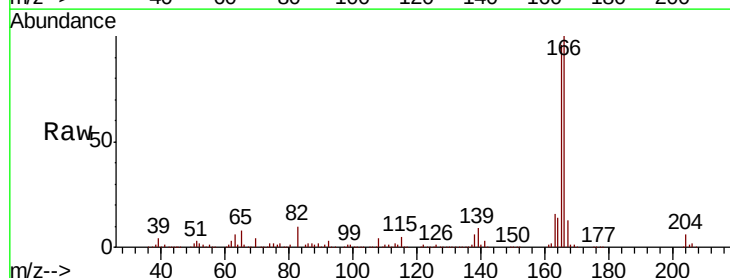


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

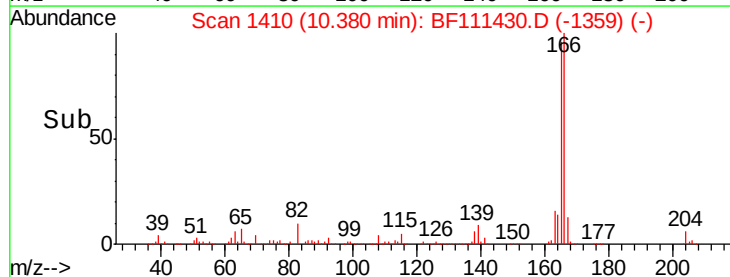
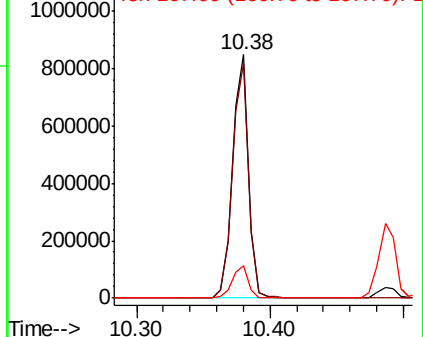


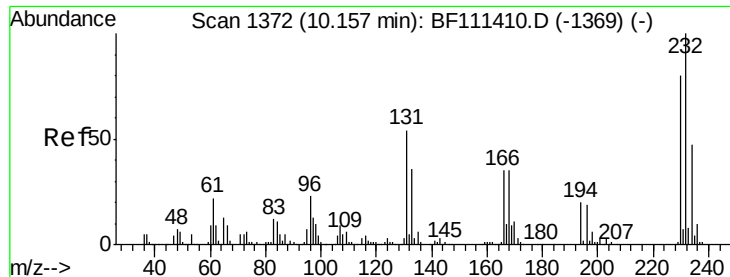
#58  
Fluorene  
Concen: 36.304 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion:166 Resp: 715566  
Ion Ratio Lower Upper  
166 100  
165 96.2 78.4 117.6  
167 13.2 11.2 16.8



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

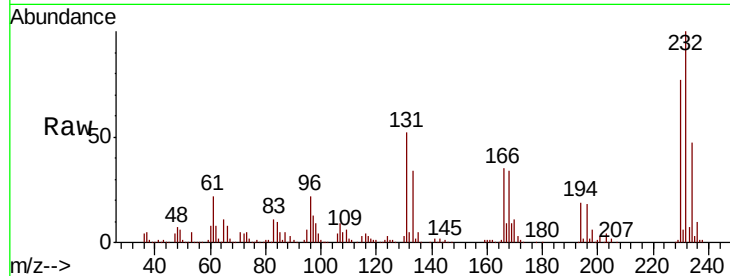




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 32.902 ng  
 RT: 10.16 min Scan# 1372  
 Delta R.T. -0.00 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.6  | 40.9  | 61.3  |
| 130     | 2.7   | 2.0   | 3.0   |
| 166     | 34.6  | 26.8  | 40.2  |



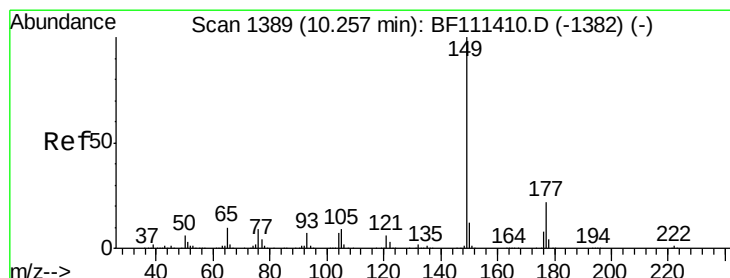
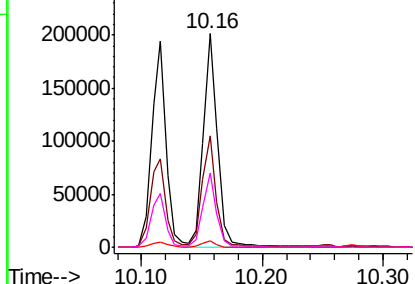
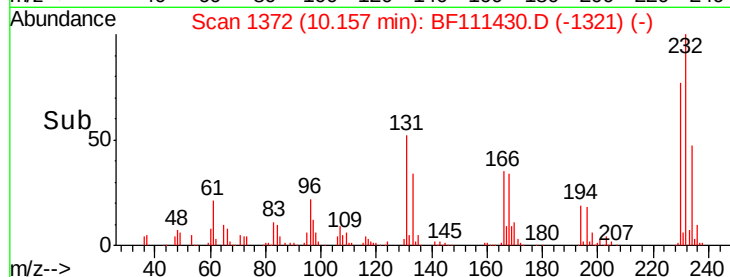
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

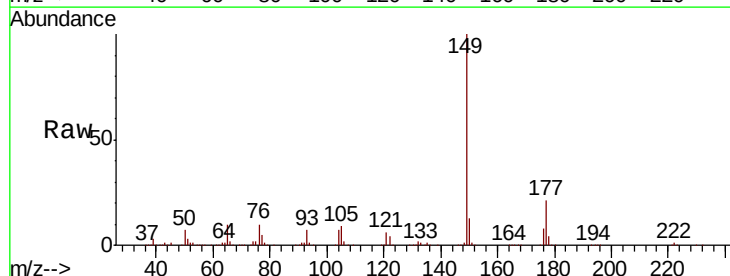
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 35.624 ng  
 RT: 10.25 min Scan# 1388  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.7  | 18.3  | 27.5  |
| 150     | 12.7  | 10.6  | 15.8  |

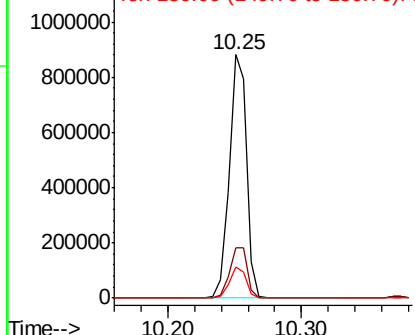
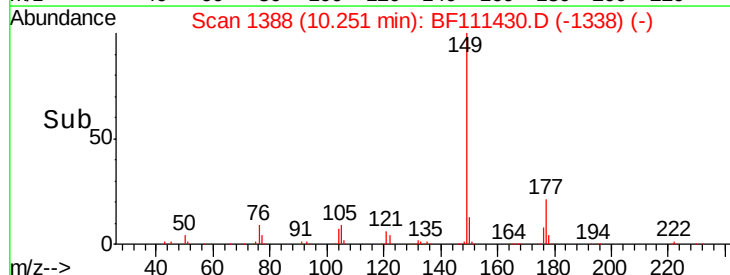


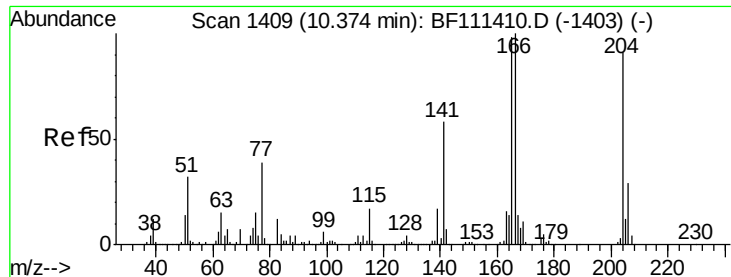
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 34.383 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

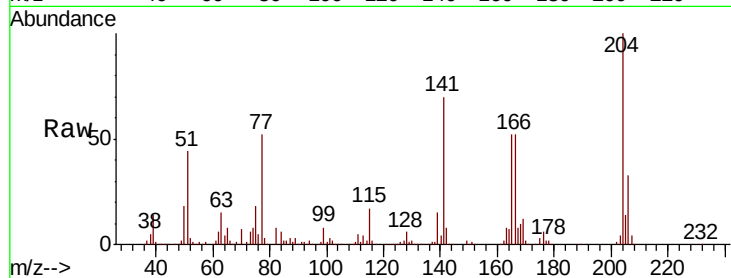
Tgt Ion:204 Resp: 331564

Ion Ratio Lower Upper

204 100

206 33.2 26.6 39.8

141 70.5 52.6 78.8

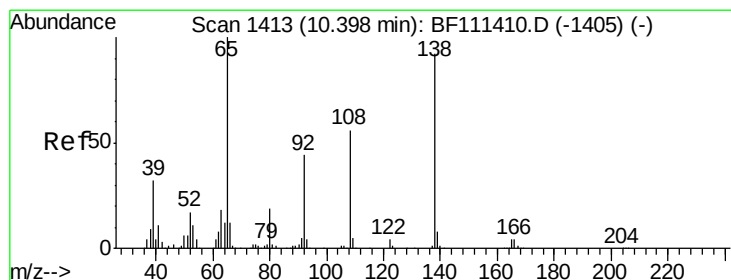
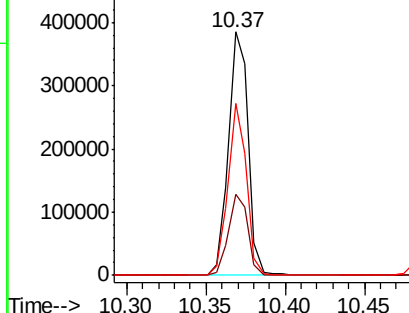
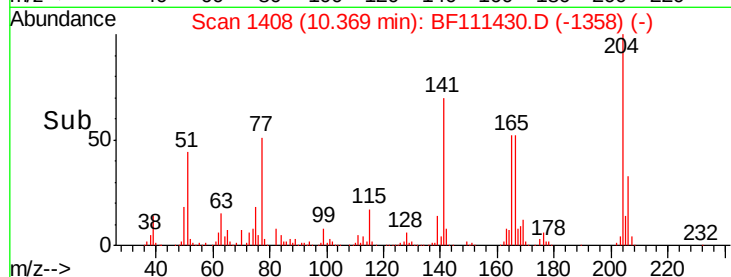


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 25.013 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

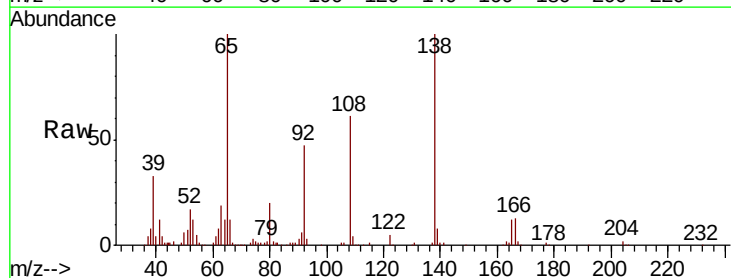
Tgt Ion:138 Resp: 151056

Ion Ratio Lower Upper

138 100

92 47.4 29.9 69.9

108 61.3 43.2 83.2

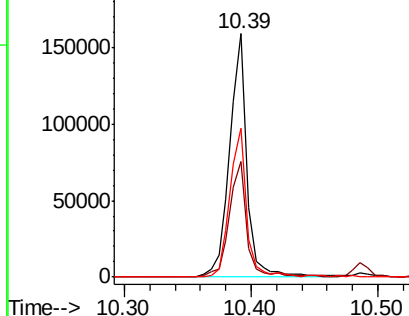
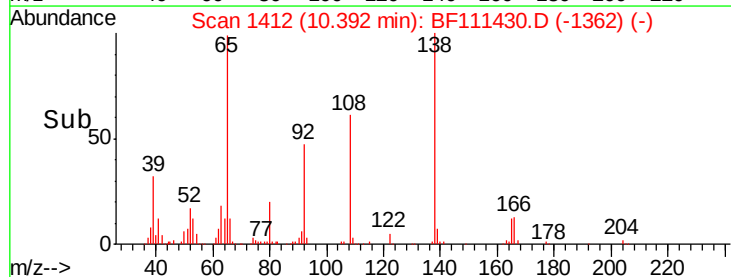


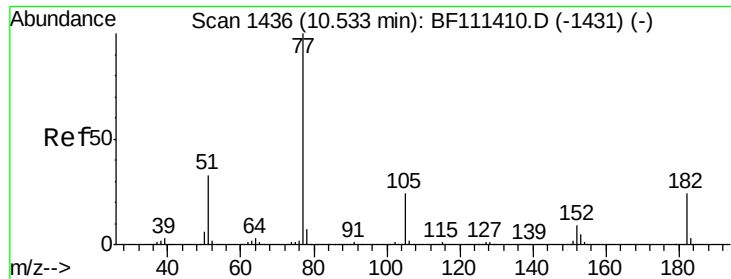
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

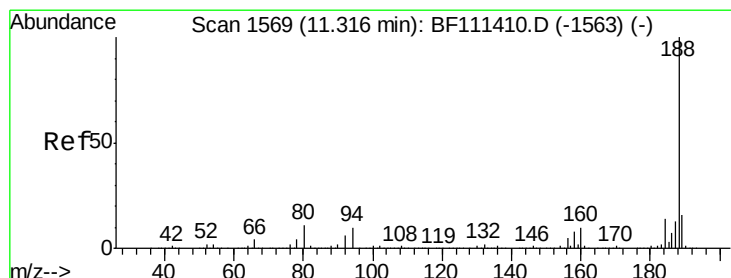
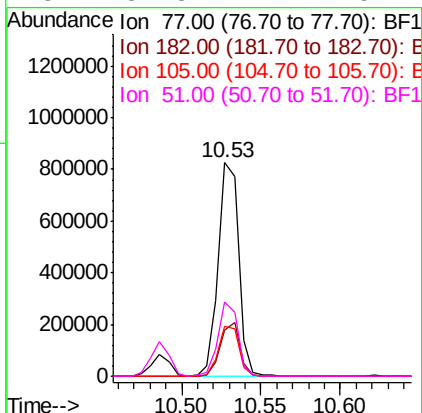
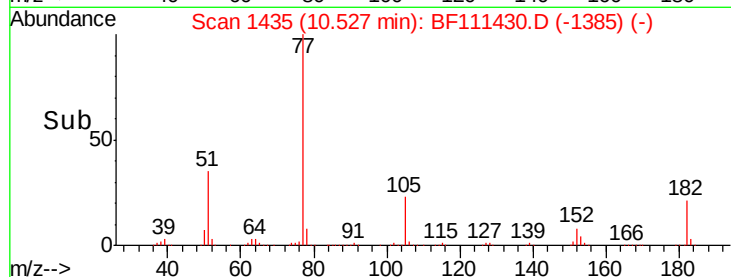
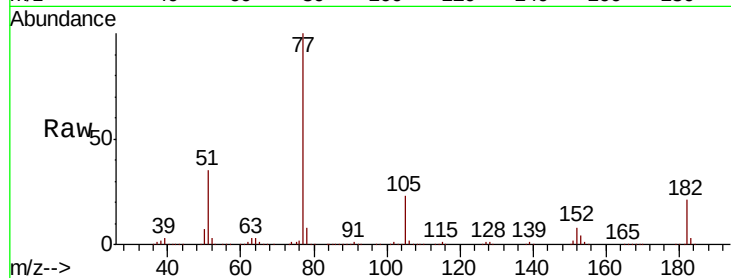




#63  
Azobenzene  
Concen: 33.161 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

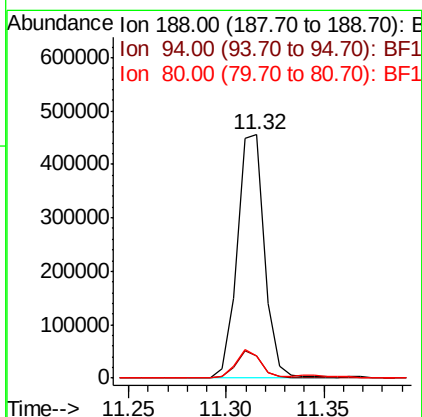
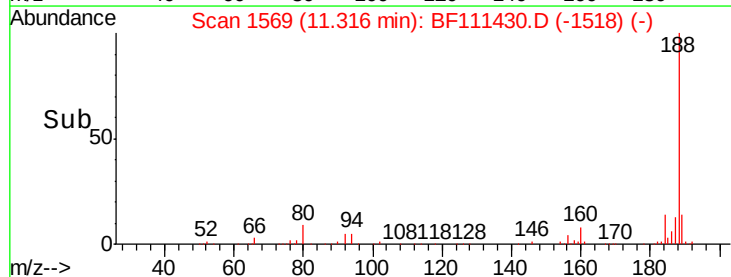
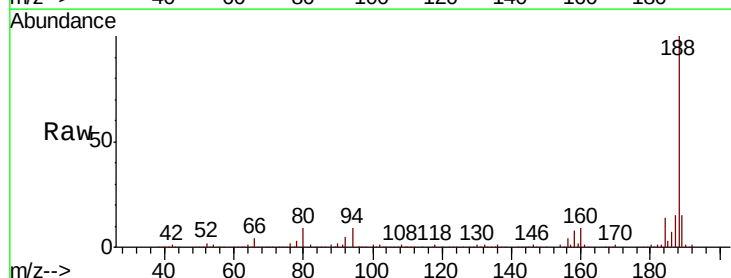
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

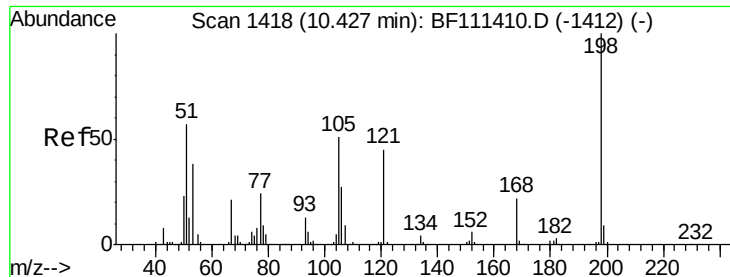
Tgt Ion: 77 Resp: 738902  
Ion Ratio Lower Upper  
77 100  
182 21.4 4.9 44.9  
105 23.1 6.0 46.0  
51 34.8 14.7 54.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion: 188 Resp: 439788  
Ion Ratio Lower Upper  
188 100  
94 9.0 9.6 14.4#  
80 9.1 9.8 14.6#

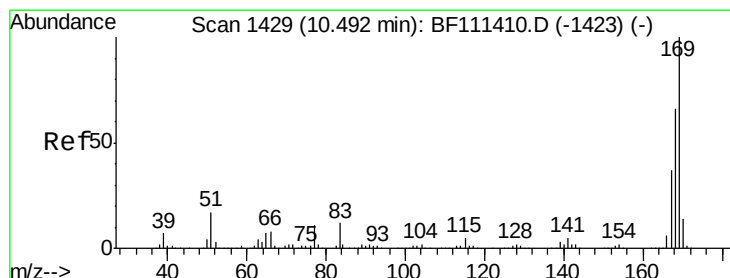
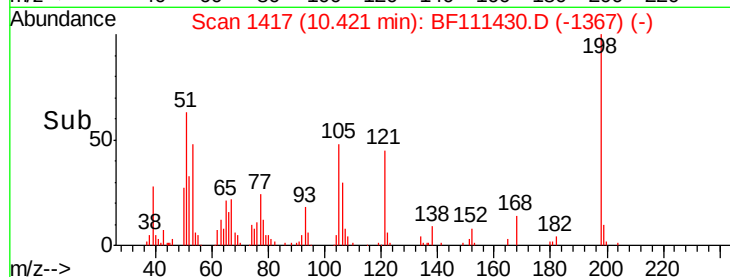
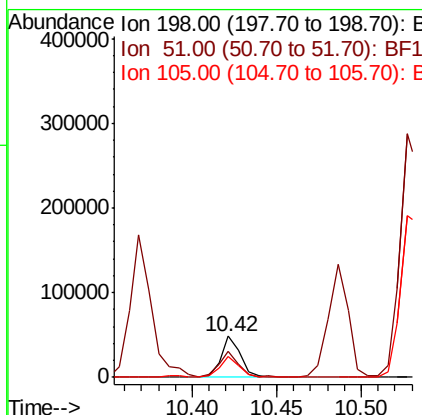
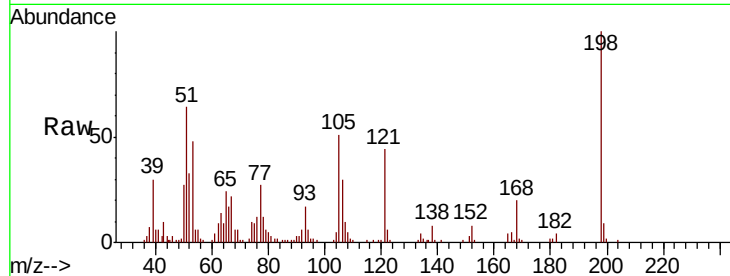




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 15.944 ng  
 RT: 10.42 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

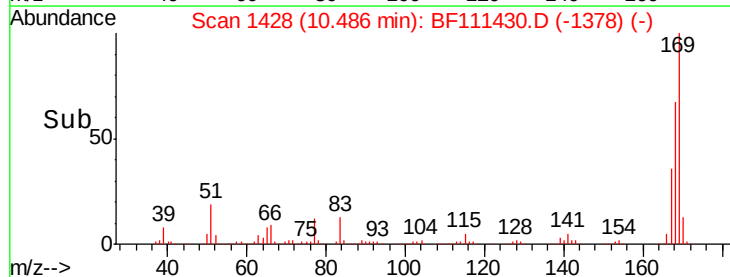
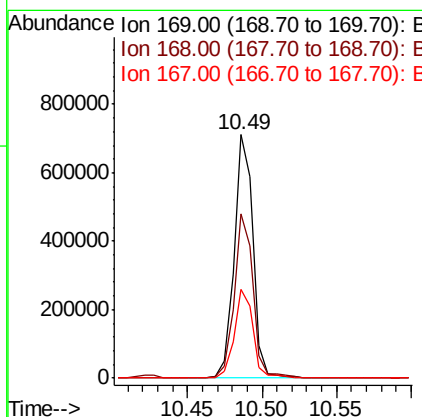
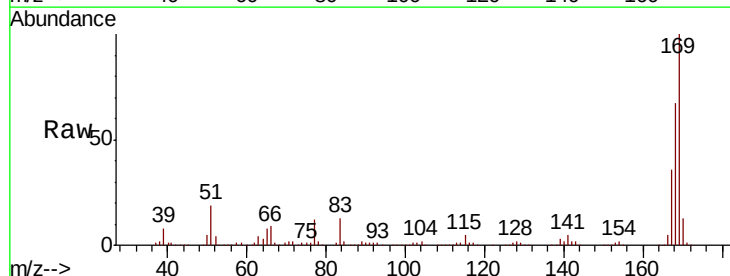
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

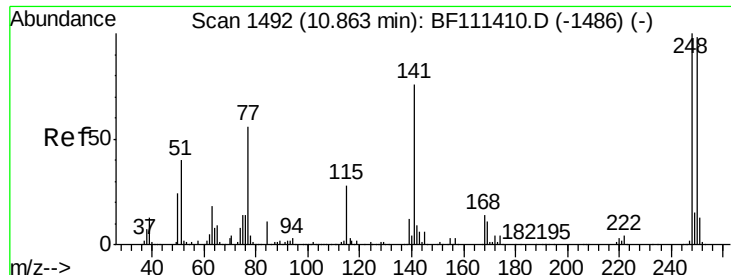
Tgt Ion:198 Resp: 39585  
 Ion Ratio Lower Upper  
 198 100  
 51 63.6 48.0 88.0  
 105 51.0 34.0 74.0



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.690 ng  
 RT: 10.49 min Scan# 1428  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion:169 Resp: 632268  
 Ion Ratio Lower Upper  
 169 100  
 168 67.4 54.4 81.6  
 167 36.3 30.5 45.7

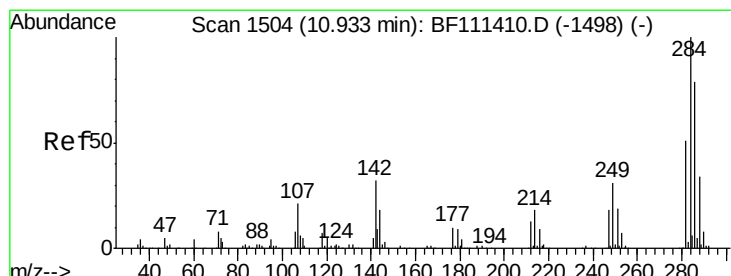
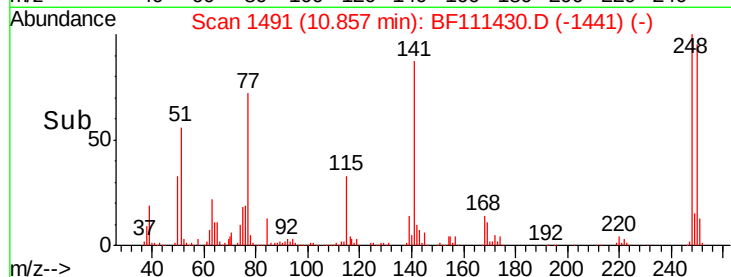
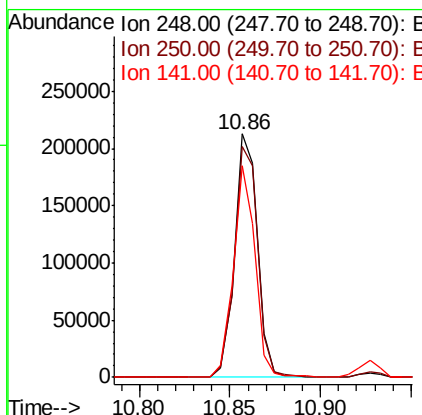
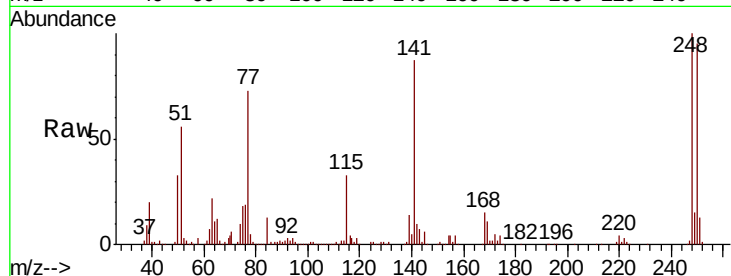




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.345 ng  
 RT: 10.86 min Scan# 1491  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

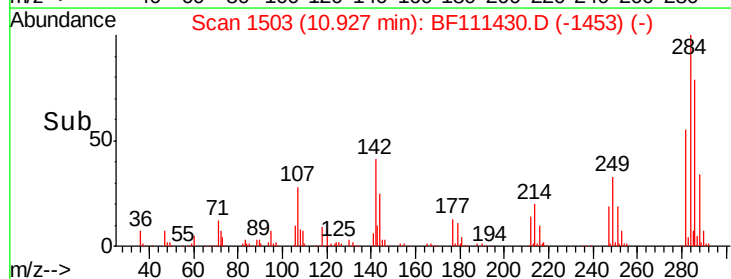
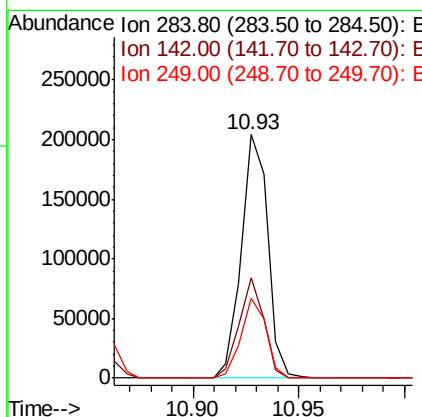
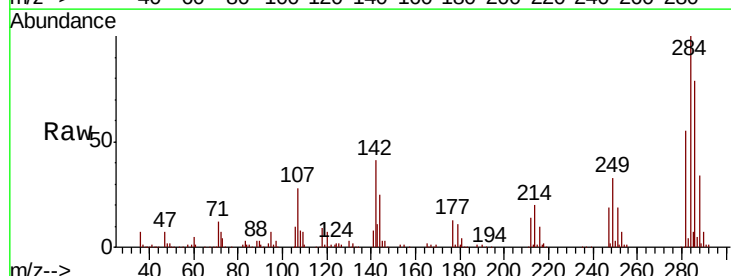
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-06AMSD

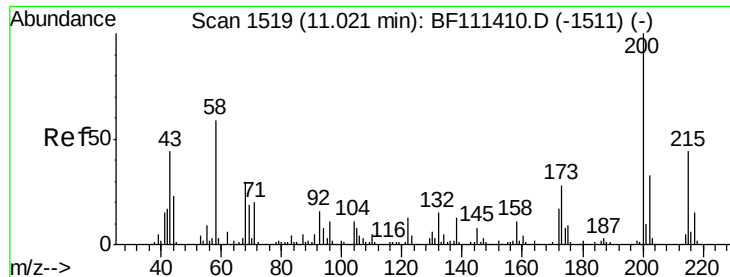
Tgt Ion: 248 Resp: 186495  
 Ion Ratio Lower Upper  
 248 100  
 250 94.9 77.0 115.4  
 141 86.7 63.0 94.6



#68  
 Hexachlorobenzene  
 Concen: 36.342 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BF111430.D  
 Acq: 14 Dec 2018 20:30

Tgt Ion: 284 Resp: 177198  
 Ion Ratio Lower Upper  
 284 100  
 142 41.3 27.4 41.2#  
 249 32.6 24.4 36.6





#69

Atrazine

Concen: 42.628 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

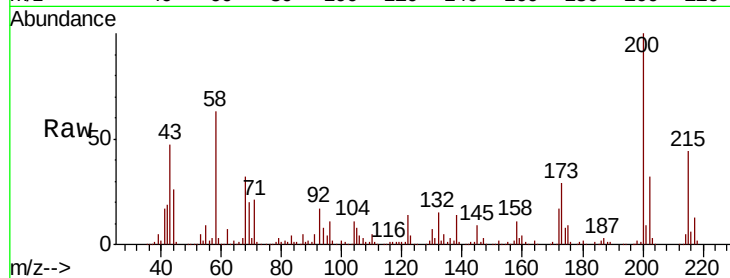
Tgt Ion:200 Resp: 186837

Ion Ratio Lower Upper

200 100

173 29.0 10.1 50.1

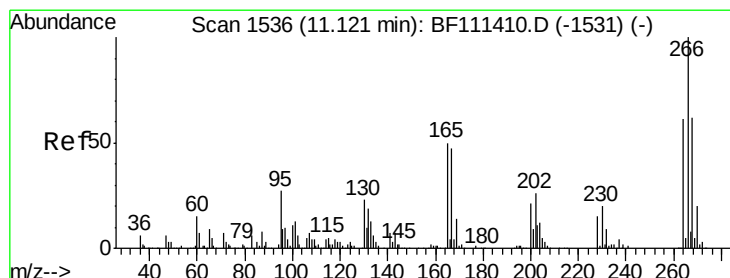
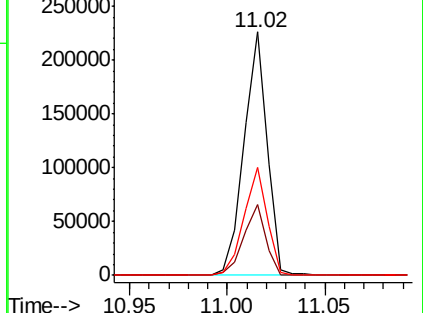
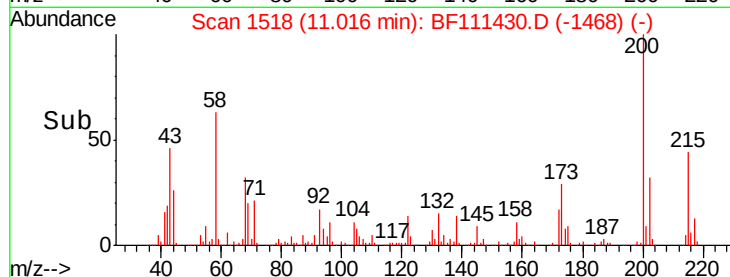
215 44.1 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.890 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

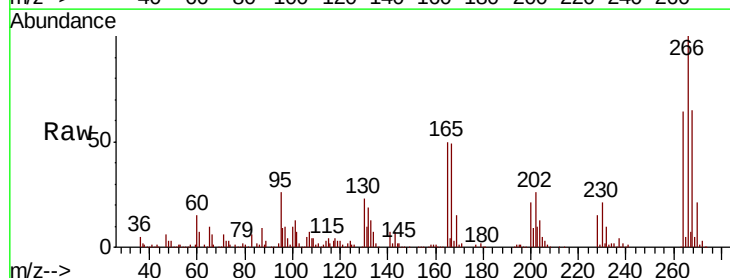
Tgt Ion:266 Resp: 164154

Ion Ratio Lower Upper

266 100

268 64.8 47.9 71.9

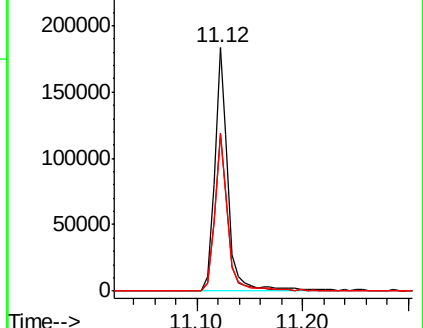
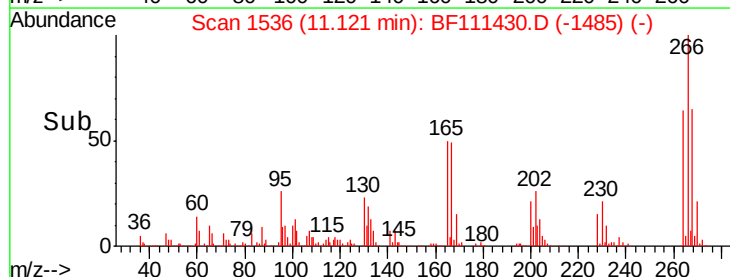
264 64.4 49.1 73.7

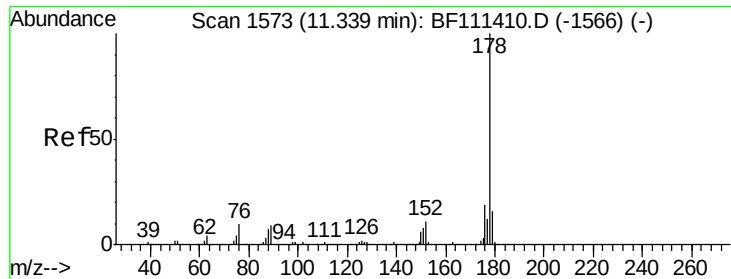


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.131 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

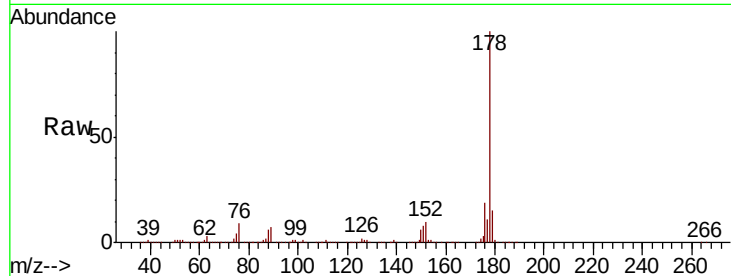
Tgt Ion:178 Resp: 864101

Ion Ratio Lower Upper

178 100

176 19.4 18.1 27.1

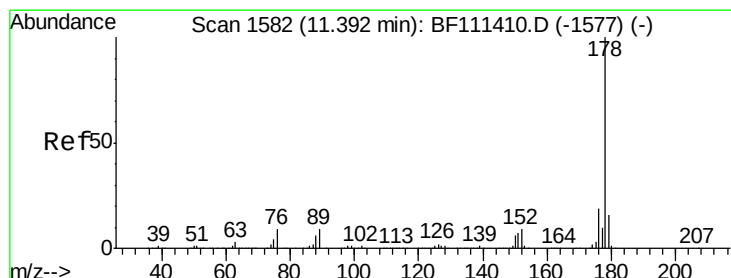
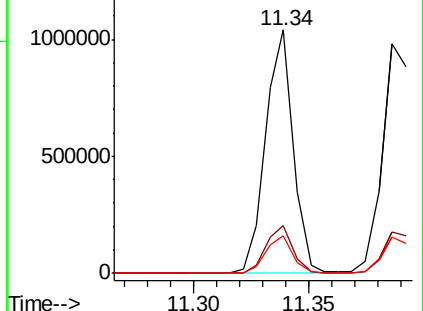
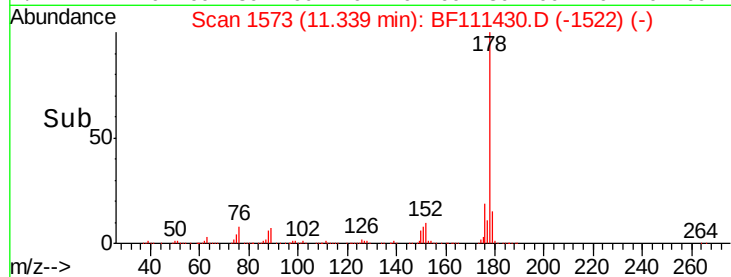
179 15.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.668 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

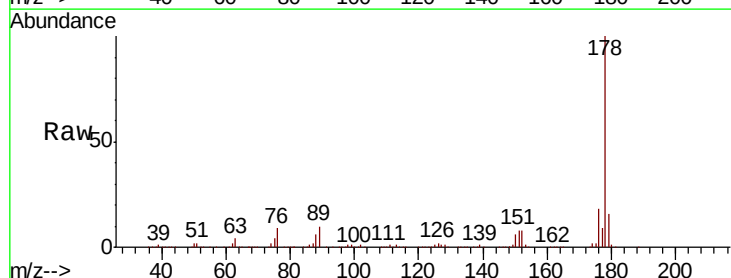
Tgt Ion:178 Resp: 896157

Ion Ratio Lower Upper

178 100

176 18.2 17.2 25.8

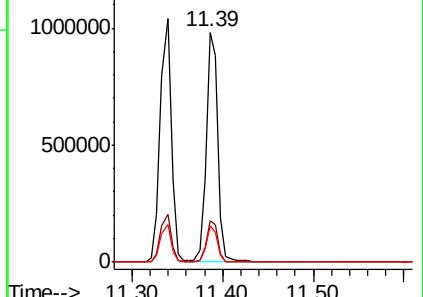
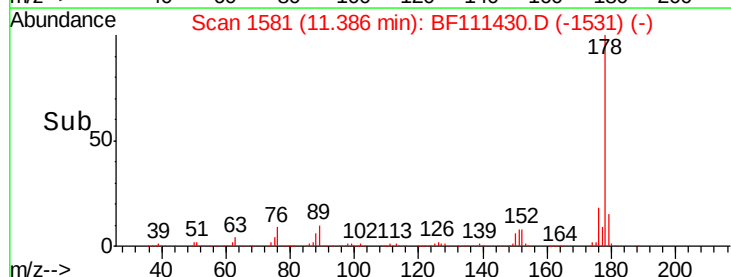
179 15.6 13.8 20.8



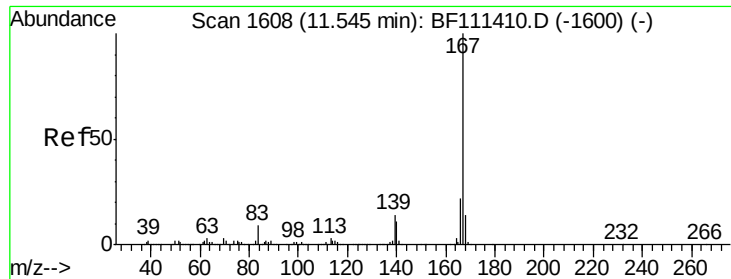
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 33.098 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

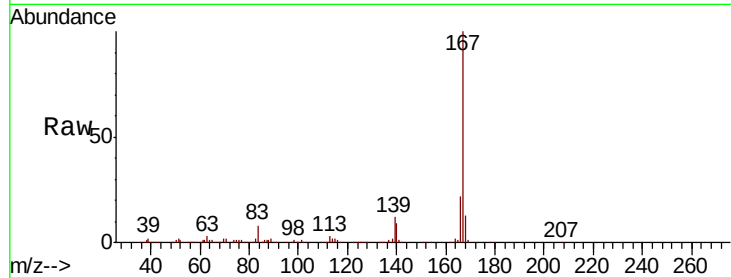
Tgt Ion:167 Resp: 793210

Ion Ratio Lower Upper

167 100

166 21.6 19.3 28.9

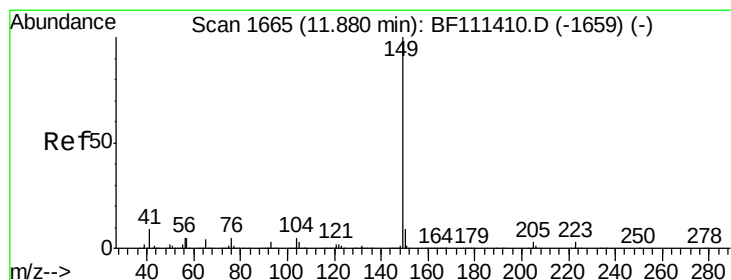
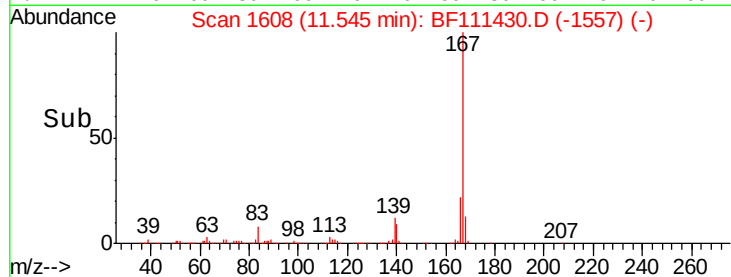
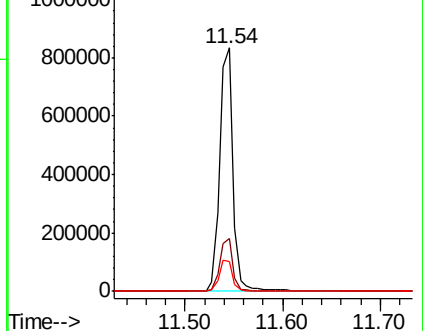
139 12.0 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.188 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

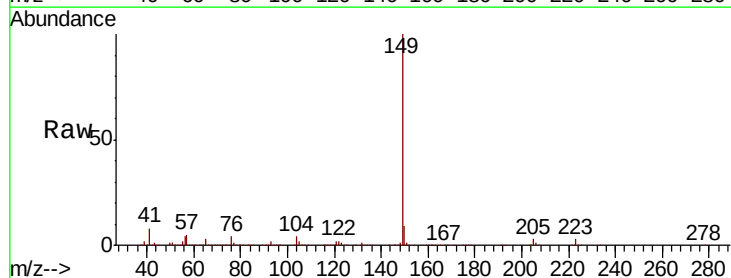
Tgt Ion:149 Resp: 1099324

Ion Ratio Lower Upper

149 100

150 9.3 8.8 13.2

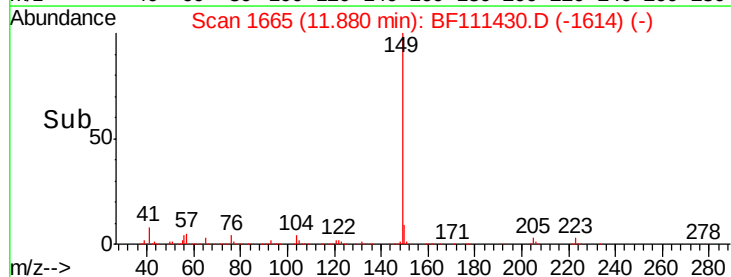
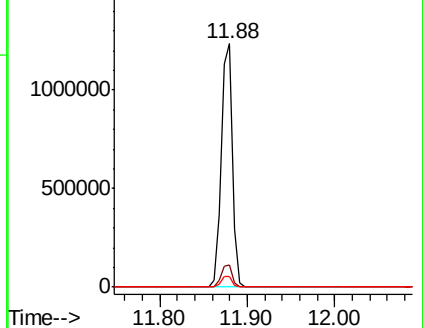
104 4.3 4.5 6.7#

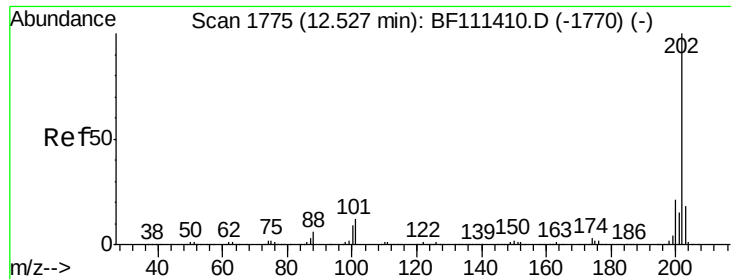


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

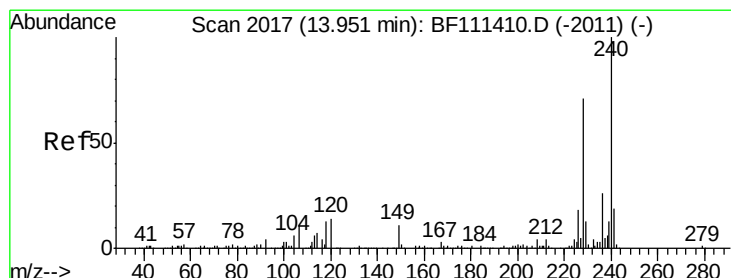
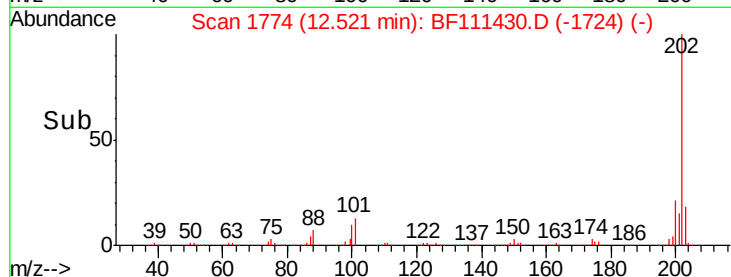
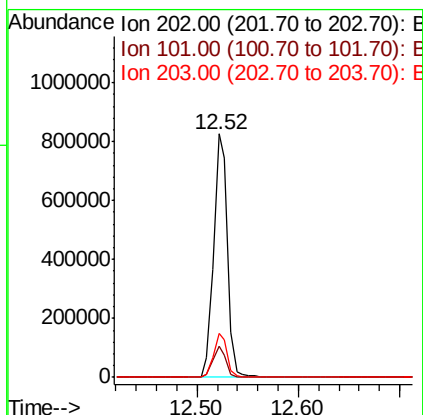
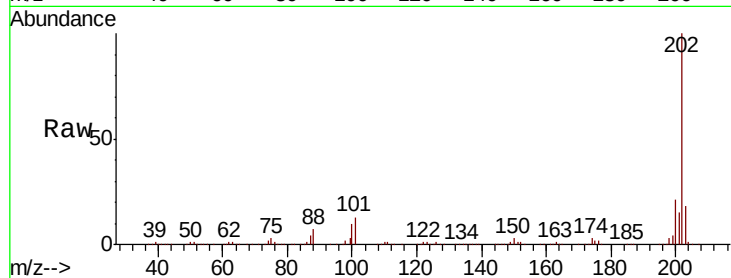




#75  
Fluoranthene  
Concen: 35.173 ng  
RT: 12.52 min Scan# 1774  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

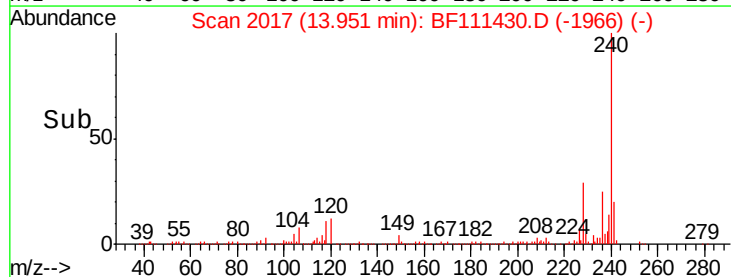
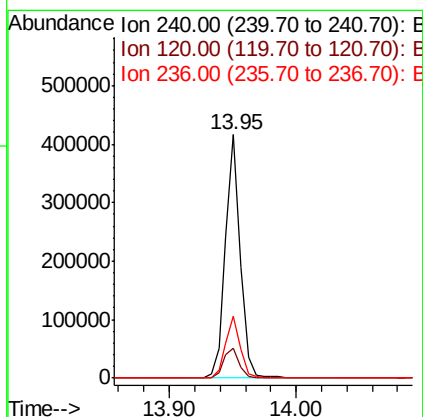
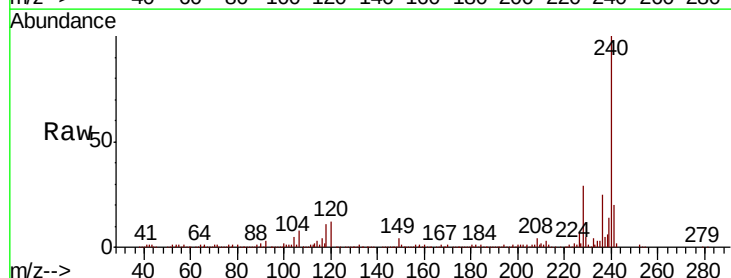
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

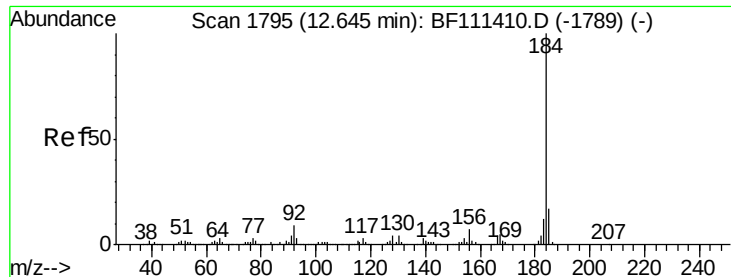
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 33.8  |
| 203     | 18.1  | 0.0   | 38.6  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.1  | 12.2  | 18.2# |
| 236     | 25.2  | 20.2  | 30.2  |





#77

Benzidine

Concen: 5.048 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

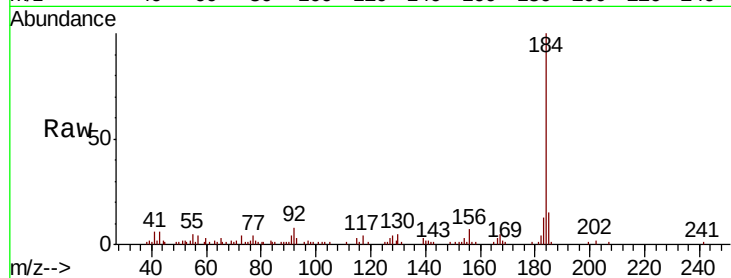
Tgt Ion:184 Resp: 63045

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

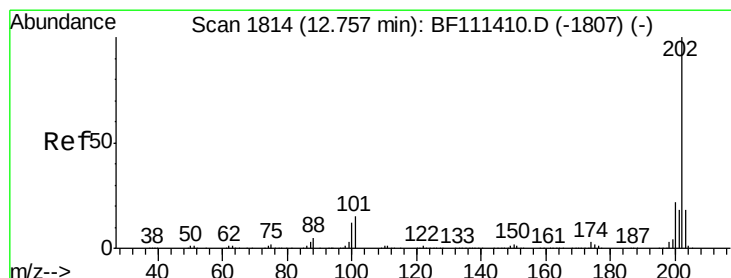
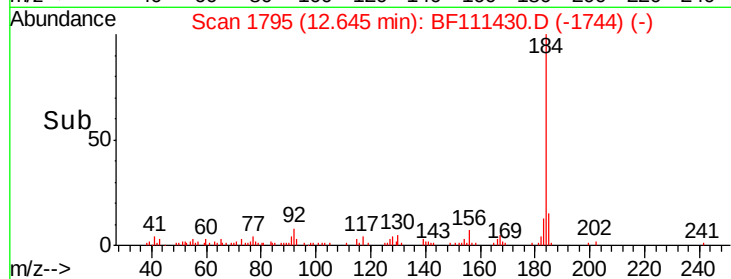
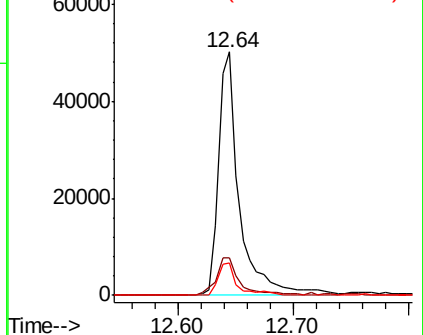
183 13.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.637 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

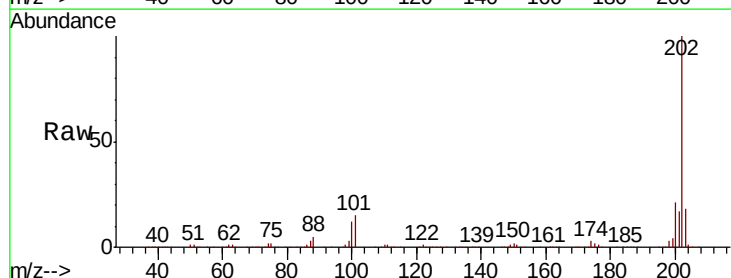
Tgt Ion:202 Resp: 805688

Ion Ratio Lower Upper

202 100

200 20.5 19.0 28.4

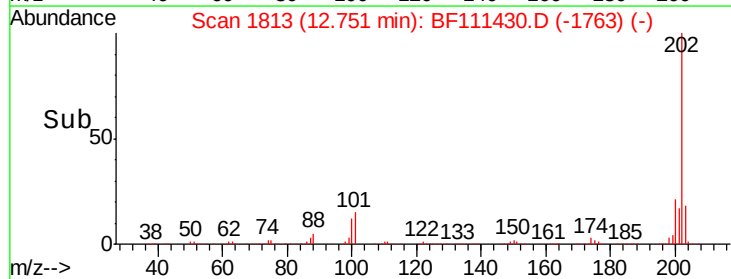
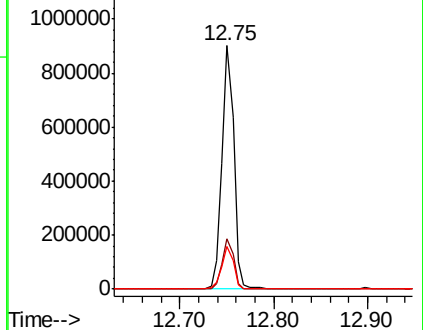
203 17.5 15.2 22.8

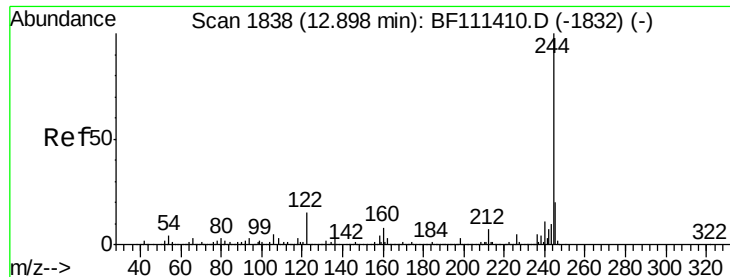


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.523 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

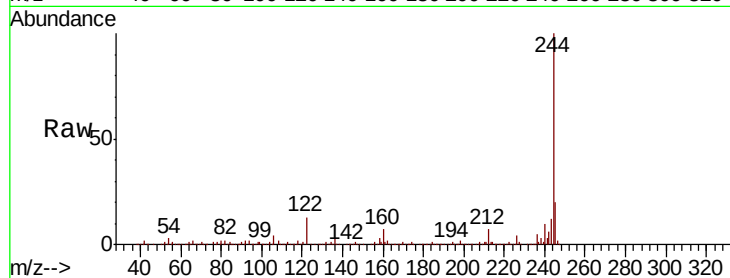
Tgt Ion:244 Resp: 1020282

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

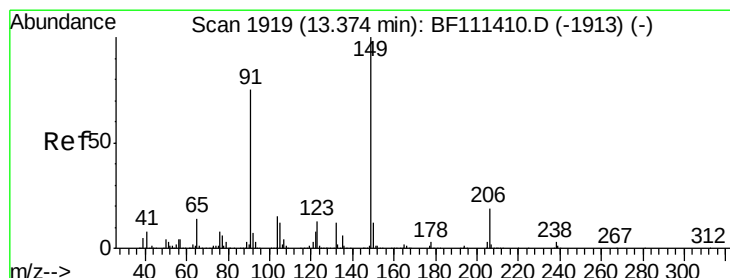
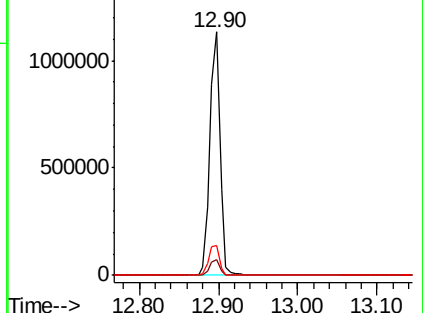
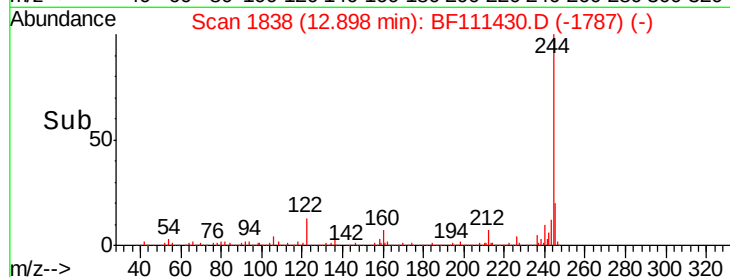
122 12.5 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.263 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

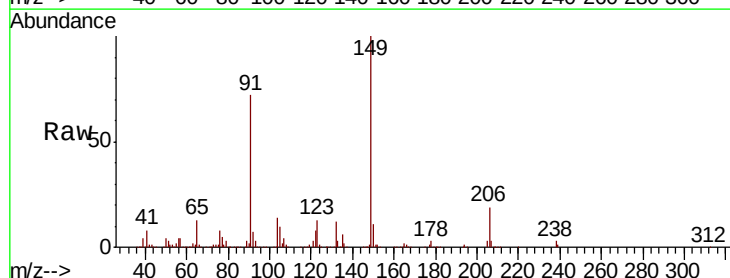
Tgt Ion:149 Resp: 388350

Ion Ratio Lower Upper

149 100

91 72.2 63.8 95.6

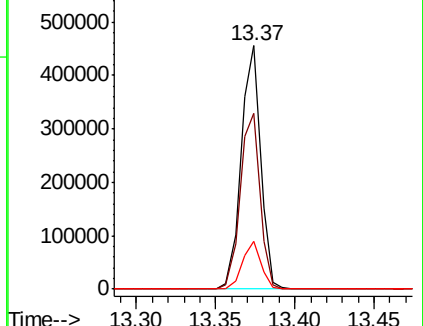
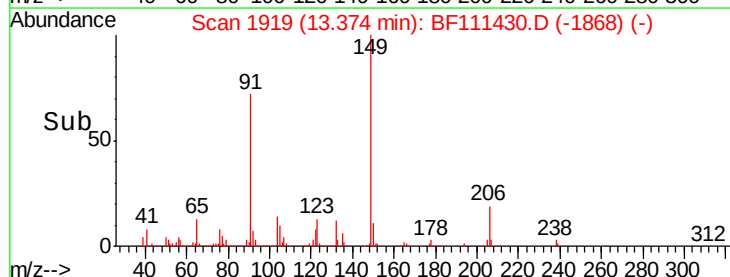
206 19.5 15.1 22.7

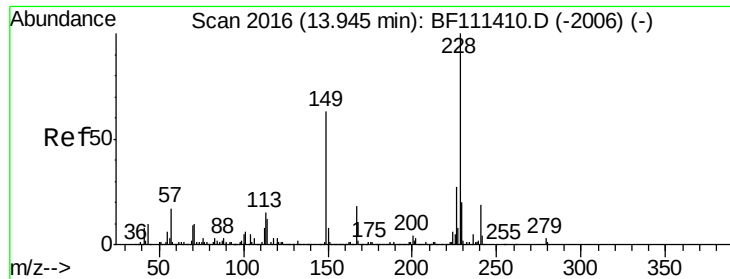


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

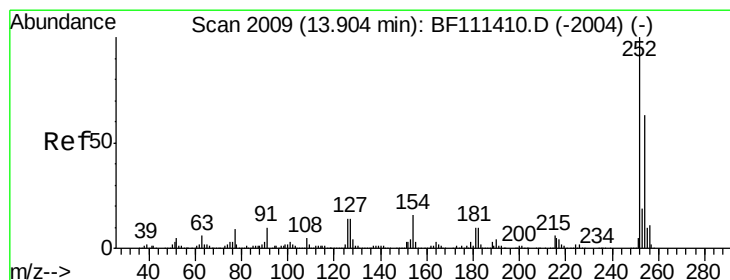
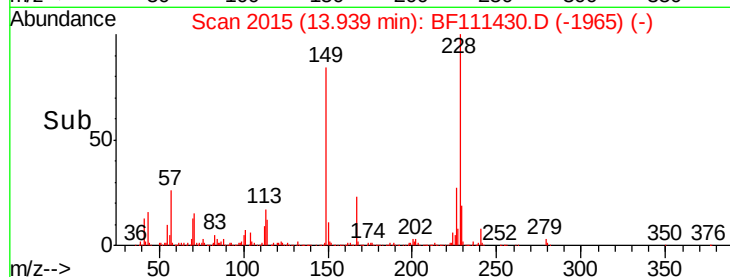
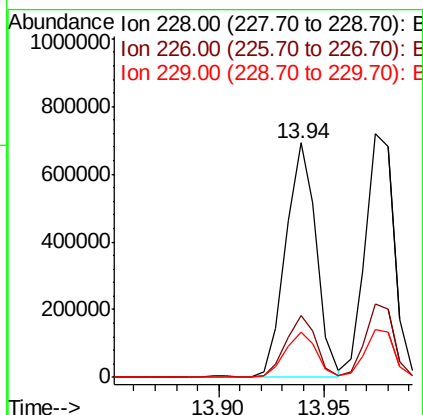
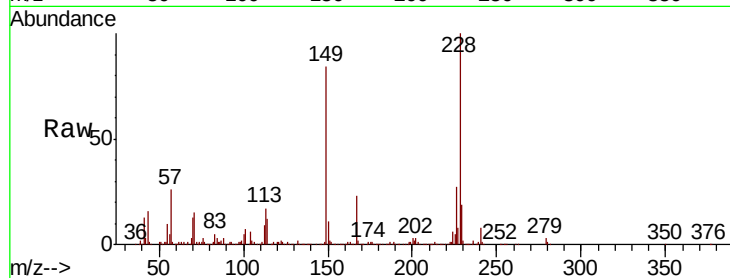




#81  
Benzo(a)anthracene  
Concen: 37.761 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

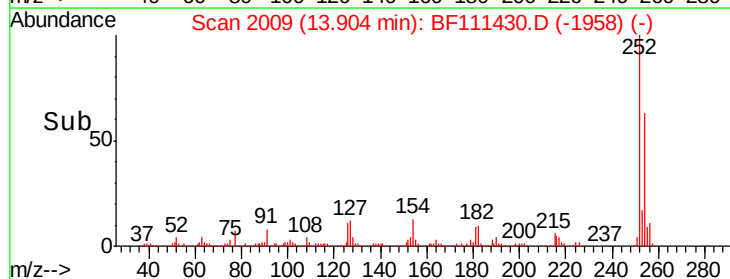
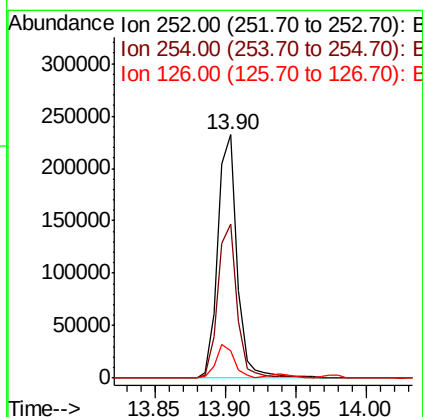
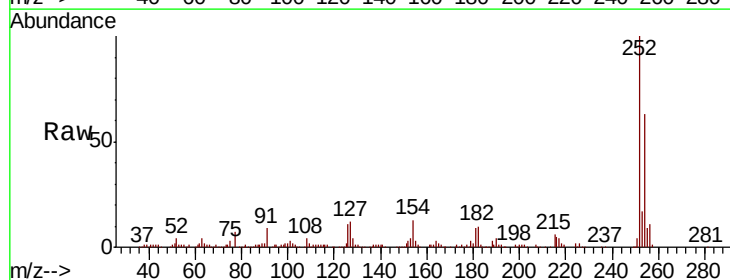
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

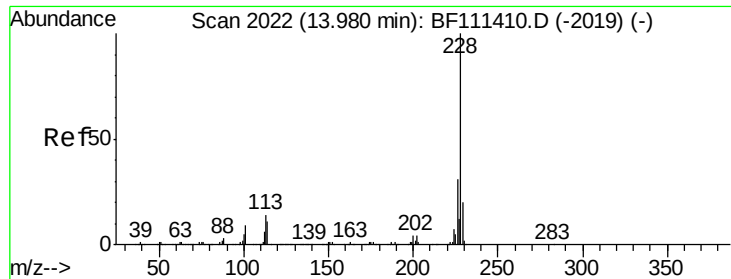
Tgt Ion:228 Resp: 697547  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.6 34.0  
229 19.3 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 29.661 ng  
RT: 13.90 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion:252 Resp: 222741  
Ion Ratio Lower Upper  
252 100  
254 63.1 52.7 79.1  
126 11.4 11.1 16.7





#83

Chrysene

Concen: 35.969 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

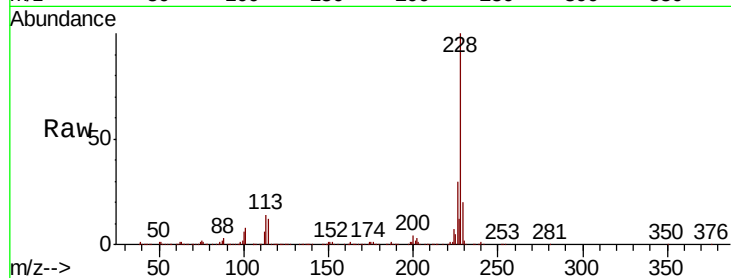
Tgt Ion:228 Resp: 699955

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

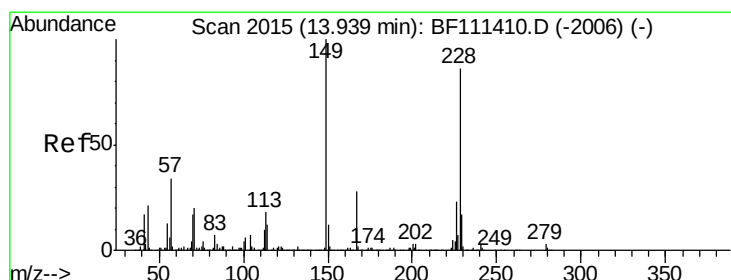
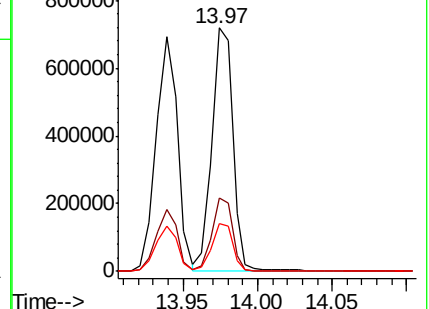
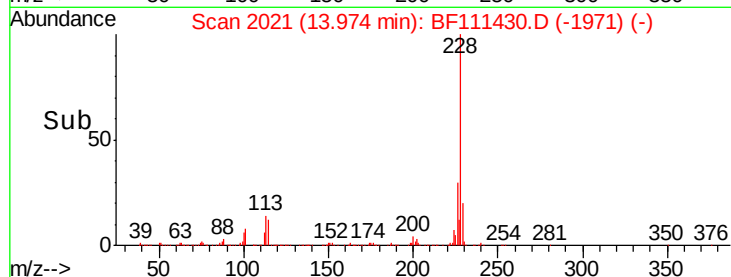
229 19.7 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.887 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

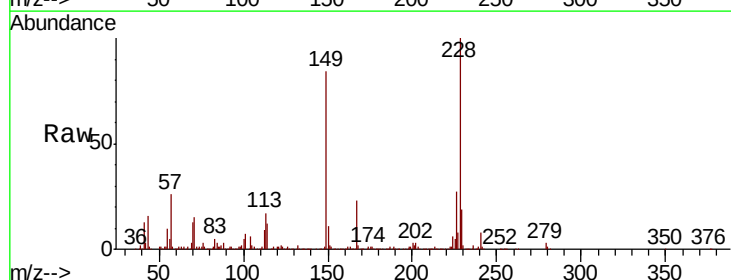
Tgt Ion:149 Resp: 535146

Ion Ratio Lower Upper

149 100

167 26.8 22.5 33.7

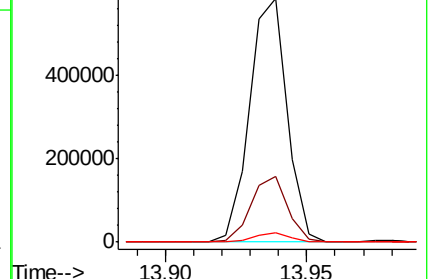
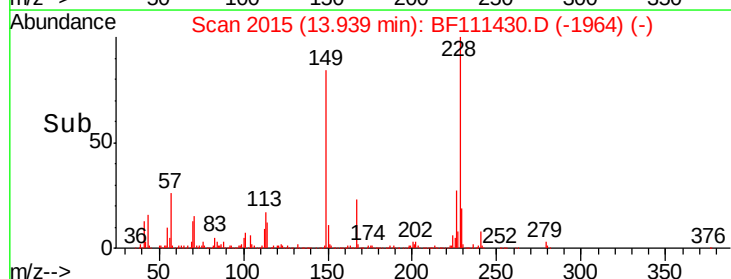
279 3.7 2.6 4.0

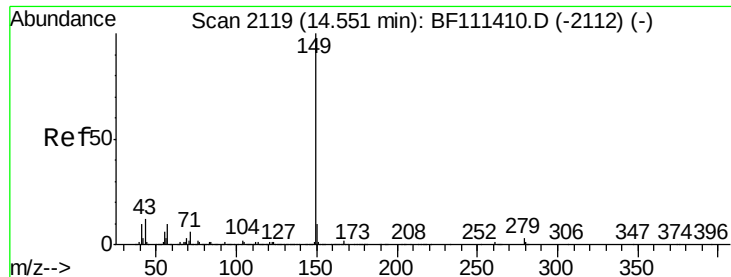


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.972 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

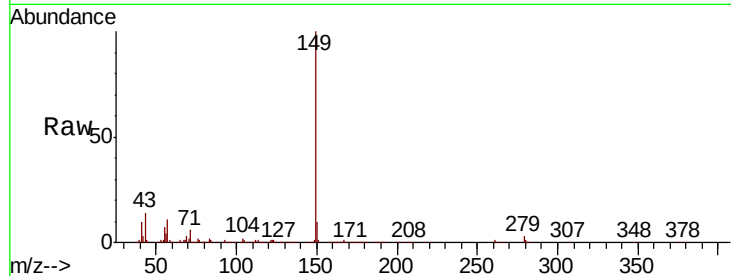
Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

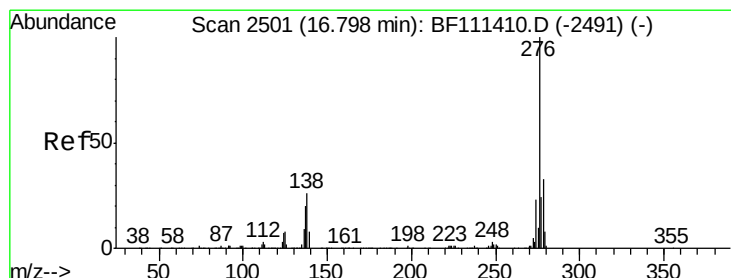
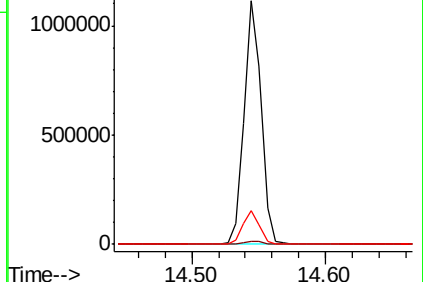
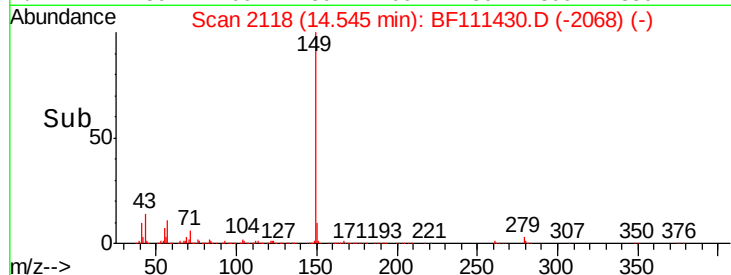
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 980266 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 1.6   | 1.3   | 1.9    |
| 43       | 13.1  | 10.9  | 16.3   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.067 ng

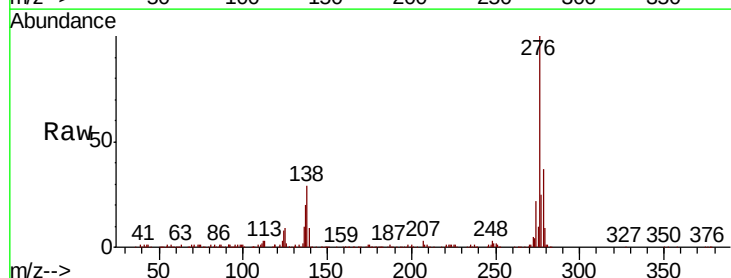
RT: 16.80 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

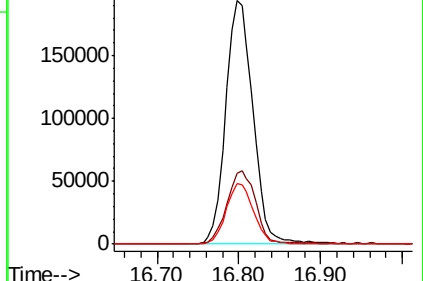
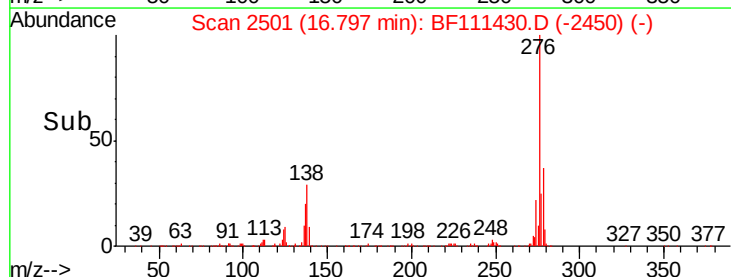
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 450367 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 31.4  | 27.8  | 41.6   |
| 277      | 25.1  | 20.1  | 30.1   |

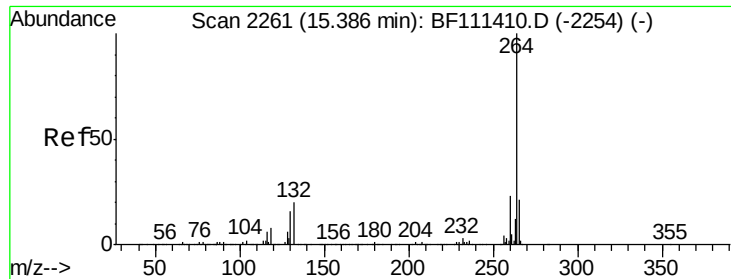


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

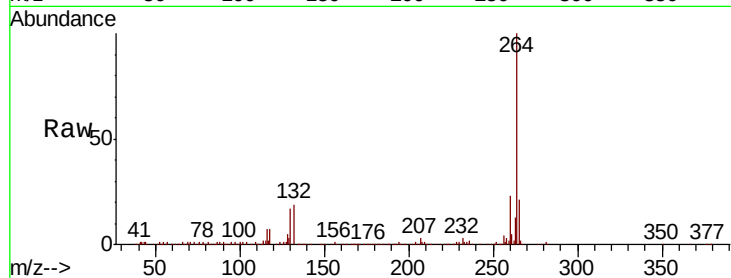
Tgt Ion:264 Resp: 274625

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.1 17.7 26.5

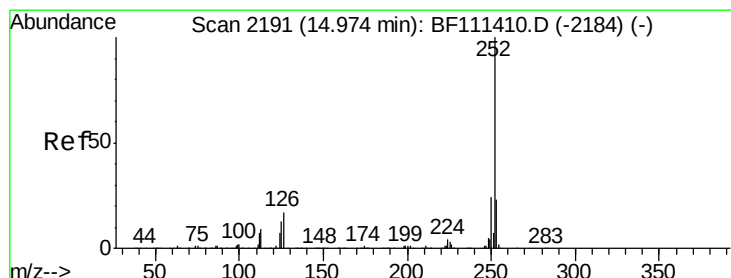
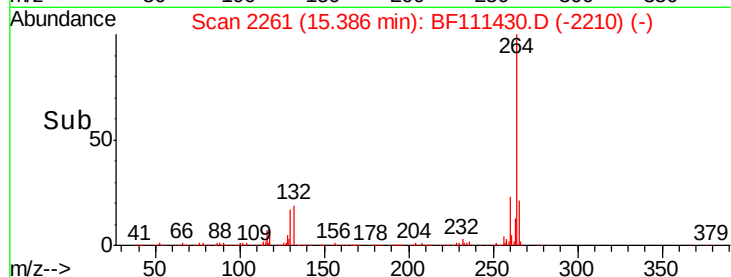
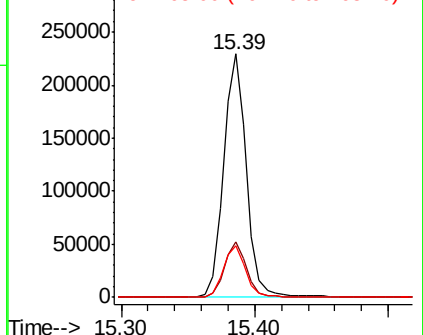


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.571 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

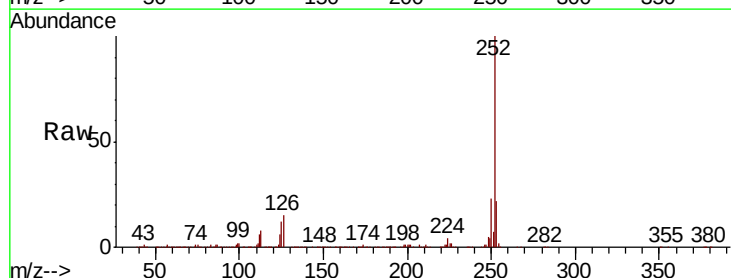
Tgt Ion:252 Resp: 633576

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

125 12.0 10.4 15.6

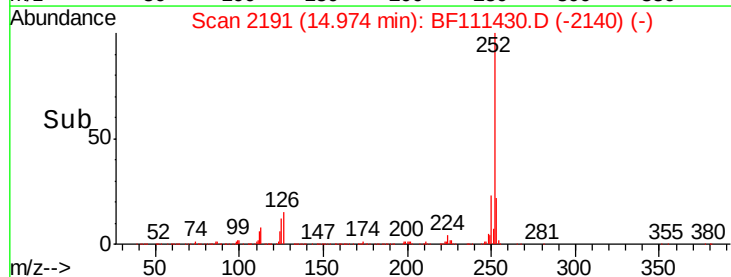
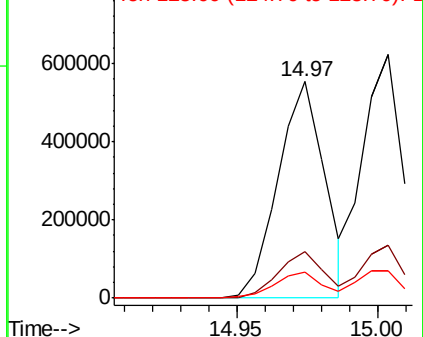


Abundance

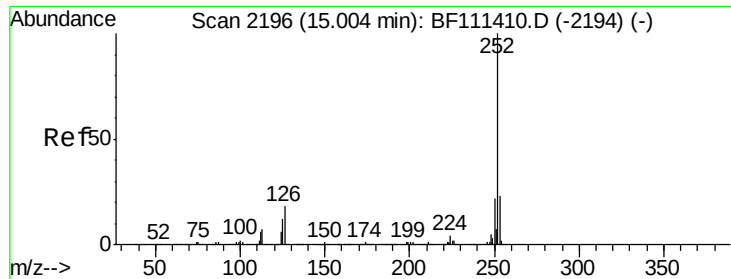
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



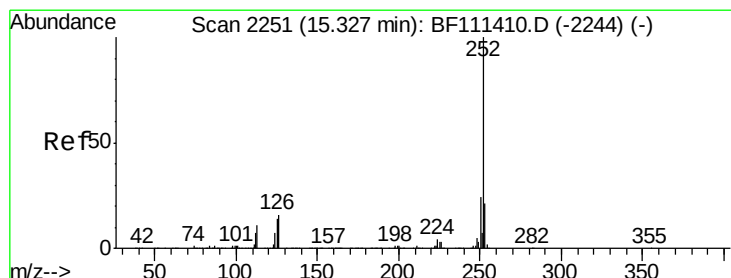
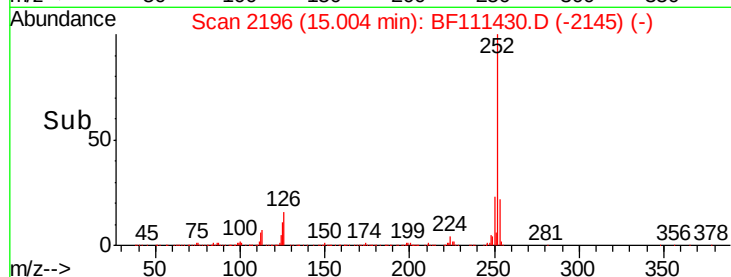
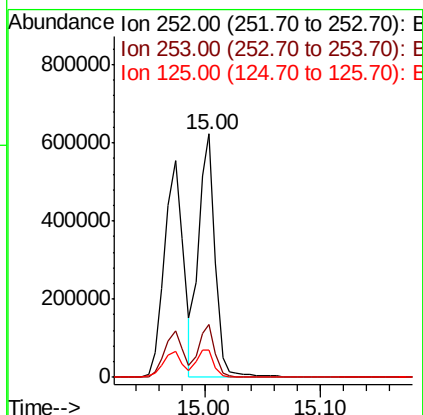
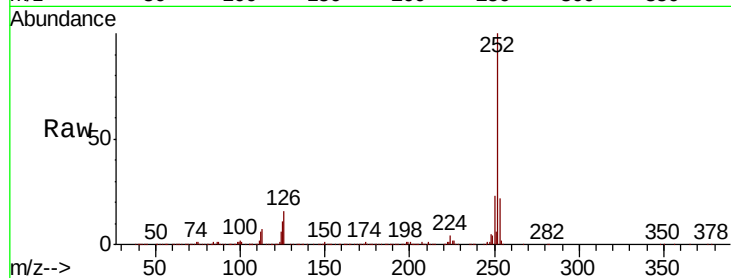




#89  
Benzo(k)fluoranthene  
Concen: 40.963 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

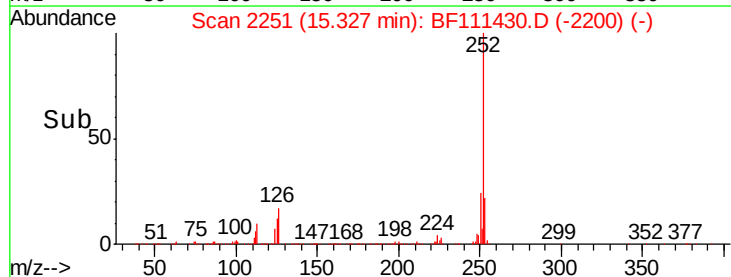
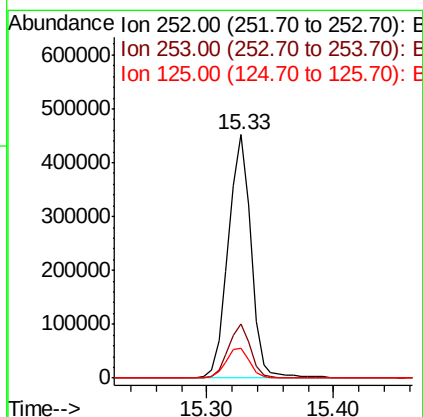
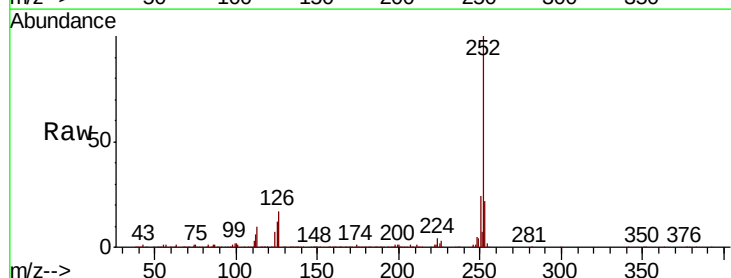
Instrument :  
BNA\_G  
ClientSampleId :  
SB-06AMSD

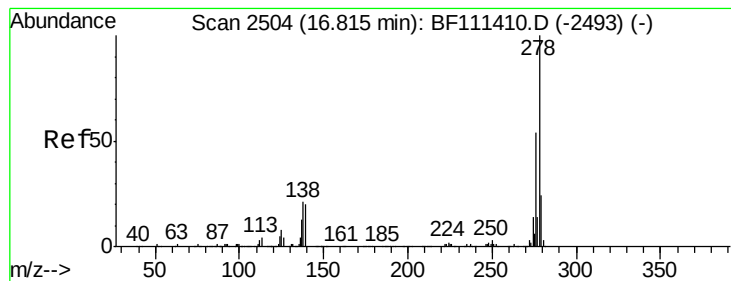
Tgt Ion:252 Resp: 626683  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.1 27.1  
125 11.5 9.8 14.8



#90  
Benzo(a)pyrene  
Concen: 38.660 ng  
RT: 15.33 min Scan# 2251  
Delta R.T. -0.00 min  
Lab File: BF111430.D  
Acq: 14 Dec 2018 20:30

Tgt Ion:252 Resp: 558181  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 12.5 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 34.115 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

Instrument :

BNA\_G

ClientSampleId :

SB-06AMSD

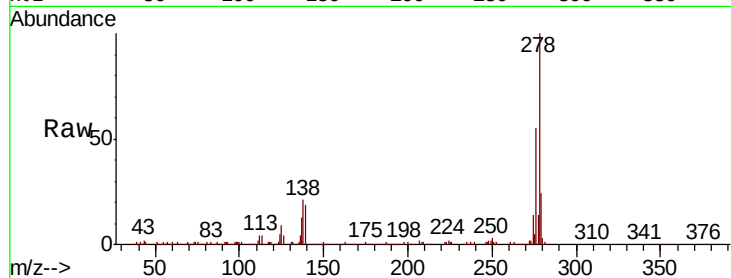
Tgt Ion:278 Resp: 388550

Ion Ratio Lower Upper

278 100

139 19.3 18.2 27.4

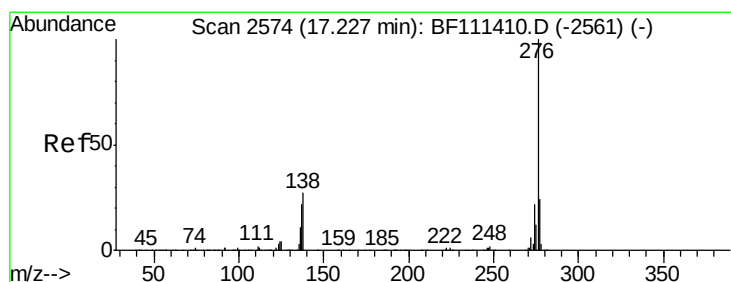
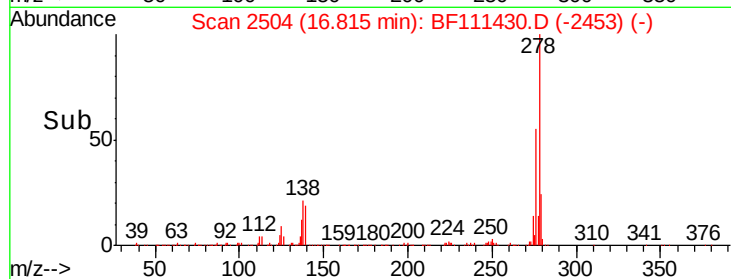
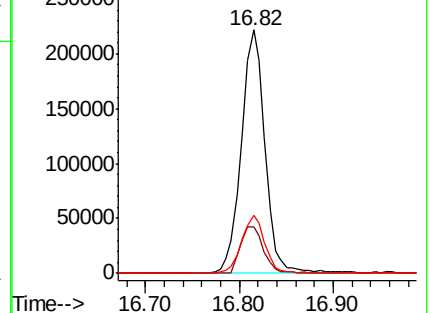
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 32.637 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BF111430.D

Acq: 14 Dec 2018 20:30

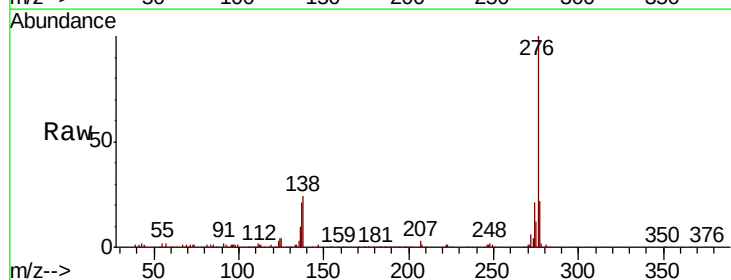
Tgt Ion:276 Resp: 364870

Ion Ratio Lower Upper

276 100

277 22.2 19.2 28.8

138 24.2 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

