

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF121018\  
 Data File : BF111255.D  
 Acq On : 10 Dec 2018 21:14  
 Operator : JU/SJ  
 Sample : J6282-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

Quant Time: Dec 11 03:59:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 01:15:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 499076   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 1829403  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.84  | 164  | 701867   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 928213   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 354572   | 20.00 | ng    | 0.04     |
| 87) Perylene-d12          | 15.44 | 264  | 446041   | 20.00 | ng    | 0.06     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 3951070 | 125.01 | ng | 0.02 |
| 7) Phenol-d6             | 6.45  | 99  | 5168211 | 131.58 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 3213006 | 98.51  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 608436  | 97.86  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 4188906 | 115.92 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.93 | 244 | 2023049 | 136.86 | ng | 0.02 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 516636  | 31.859 | ng | 98     |
| 3) Pyridine                    | 3.32 | 79  | 616695  | 14.315 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.23 | 42  | 807036  | 43.936 | ng | 95     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 1489982 | 41.474 | ng | 98     |
| 9) Benzaldehyde                | 6.35 | 77  | 379834  | 13.585 | ng | 96     |
| 10) Phenol                     | 6.46 | 94  | 2119364 | 46.146 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 2038548 | 57.392 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 1537196 | 39.822 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 1544203 | 39.619 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 1434366 | 39.456 | ng | 98     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 1272813 | 40.949 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 2711109 | 40.768 | ng | 99     |
| 17) 2-Methylphenol             | 7.06 | 107 | 1259750 | 42.950 | ng | 98     |
| 18) Hexachloroethane           | 7.32 | 117 | 573295  | 38.633 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 1079968 | 41.045 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 1453061 | 41.651 | ng | 96     |
| 22) Acetophenone               | 7.22 | 105 | 1927370 | 46.045 | ng | 97     |
| 24) Nitrobenzene               | 7.39 | 77  | 1542396 | 45.436 | ng | 98     |
| 25) Isophorone                 | 7.63 | 82  | 2644158 | 47.598 | ng | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 733906  | 43.514 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 1261367 | 48.398 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 1684308 | 43.783 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 1181728 | 44.344 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 1079483 | 41.123 | ng | 99     |
| 31) Naphthalene                | 8.11 | 128 | 3650389 | 45.720 | ng | 98     |
| 32) Benzoic acid               | 7.85 | 122 | 529456  | 24.566 | ng | 95     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 274110  | 7.148  | ng | 96     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 609493  | 42.063 | ng | 99     |
| 35) Caprolactam                | 8.52 | 113 | 312035  | 33.043 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 1291163 | 47.321 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 2320307 | 43.772 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 2291009 | 44.133 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 927332  | 47.483 | ng | 99     |
| 41) Hexachlorocyclopentadiene  | 8.96 | 237 | 318366  | 28.625 | ng | 96     |

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 ALS Vial : 13 Sample Multiplier: 1

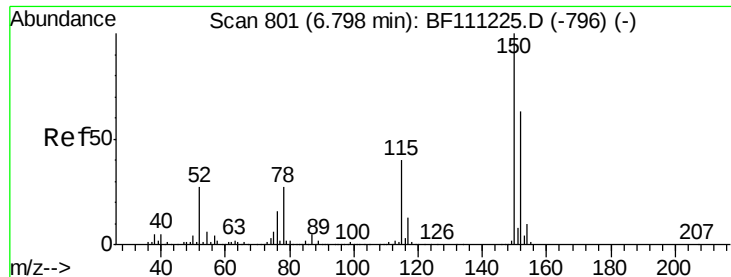
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

Quant Time: Dec 11 03:59:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 01:15:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.08  | 196  | 668355   | 45.592 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 678701   | 44.443 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 2436043  | 43.650 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 1827078  | 39.784 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.38  | 65   | 806186   | 51.461 | ng    | 94       |
| 49) Acenaphthylene             | 9.70  | 152  | 3090206  | 46.351 | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 2786873  | 53.814 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 587917   | 51.406 | ng    | 89       |
| 52) Acenaphthene               | 9.87  | 154  | 1999346  | 47.787 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.79  | 138  | 251636   | 17.826 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 436029   | 96.478 | ng    | 95       |
| 55) Dibenzofuran               | 10.05 | 168  | 2558865  | 44.956 | ng    | 97       |
| 56) 4-Nitrophenol              | 9.95  | 139  | 1006987  | 91.591 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 697307   | 49.458 | ng    | 94       |
| 58) Fluorene                   | 10.39 | 166  | 1730820  | 39.296 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 530610   | 45.839 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 2028210  | 41.079 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204  | 783200   | 35.812 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 449000   | 33.615 | ng    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 1829618  | 35.693 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 247081   | 45.027 | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 1568095  | 49.628 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 391919   | 38.550 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 392367   | 37.939 | ng    | # 88     |
| 69) Atrazine                   | 11.03 | 200  | 363641   | 37.846 | ng    | 97       |
| 70) Pentachlorophenol          | 11.13 | 266  | 479121   | 63.861 | ng    | 97       |
| 71) Phenanthrene               | 11.35 | 178  | 2355479  | 50.311 | ng    | 97       |
| 72) Anthracene                 | 11.40 | 178  | 2467025  | 50.367 | ng    | 98       |
| 73) Carbazole                  | 11.55 | 167  | 2412116  | 47.096 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 2583649  | 49.078 | ng    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 1838085  | 42.978 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 1805635  | 71.262 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 657719   | 49.697 | ng    | 94       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 963839   | 48.725 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 126634   | 15.619 | ng    | # 77     |
| 83) Chrysene                   | 14.02 | 228  | 970464   | 47.588 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1492089  | 94.880 | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1158096  | 43.936 | ng    | # 27     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.88 | 276  | 1195126  | 72.600 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 1051396  | 42.624 | ng    | # 73     |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 1046734  | 45.134 | ng    | # 78     |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 1109966  | 48.864 | ng    | # 78     |
| 91) Dibenzo(a,h)anthracene     | 16.89 | 278  | 998088   | 55.942 | ng    | # 91     |
| 92) Benzo(g,h,i)perylene       | 17.31 | 276  | 831287   | 46.544 | ng    | 96       |

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



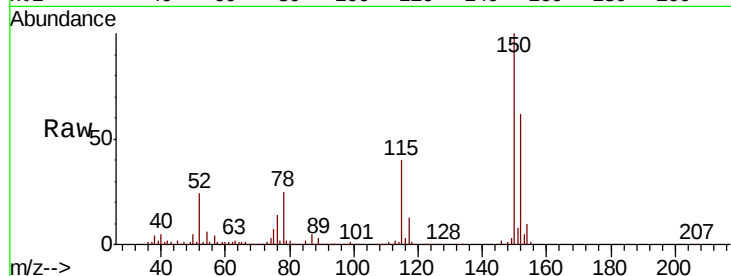


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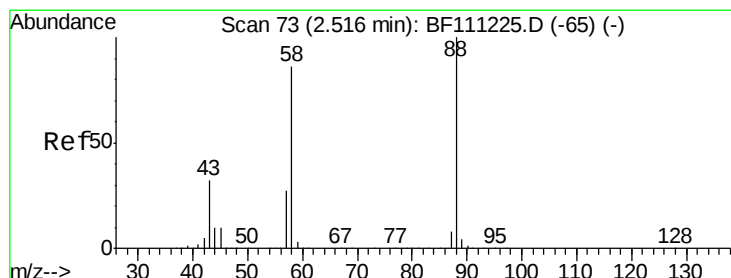
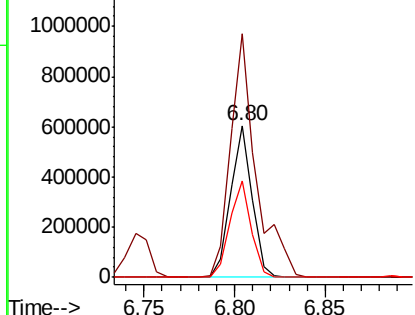
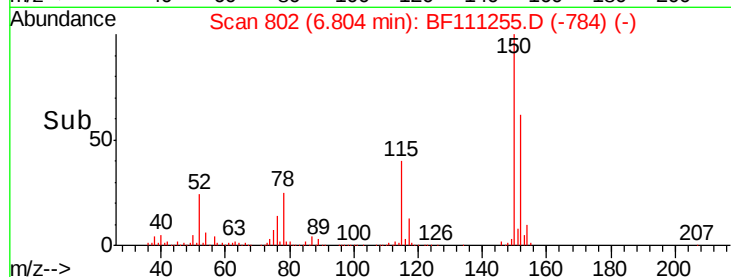
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion:152 Resp: 499076  
Ion Ratio Lower Upper  
152 100  
150 160.6 126.6 189.8  
115 63.6 50.7 76.1



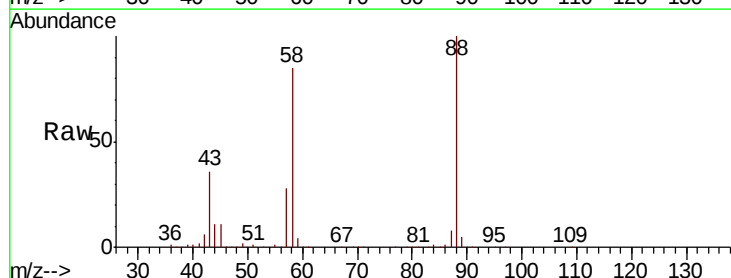
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



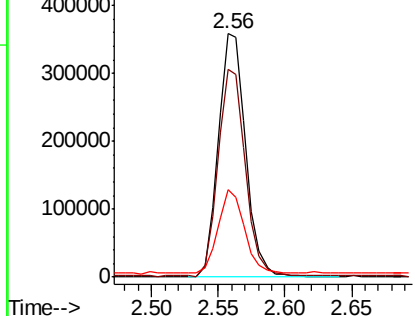
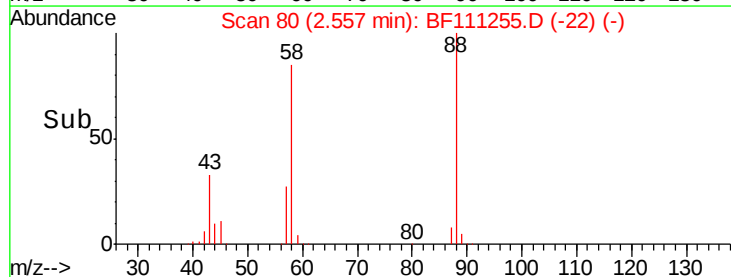
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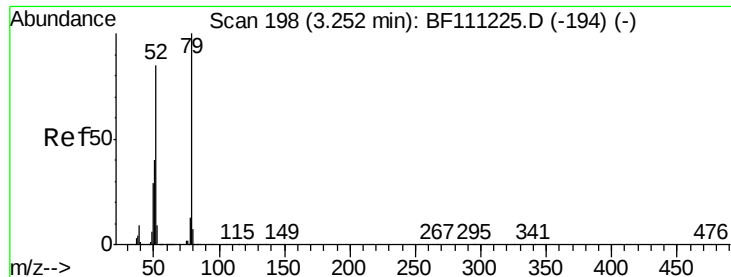
1,4-Dioxane  
Concen: 31.859 ng  
RT: 2.56 min Scan# 80  
Delta R.T. 0.04 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 88 Resp: 516636  
Ion Ratio Lower Upper  
88 100  
58 84.4 68.9 103.3  
43 32.5 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: 14.315 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

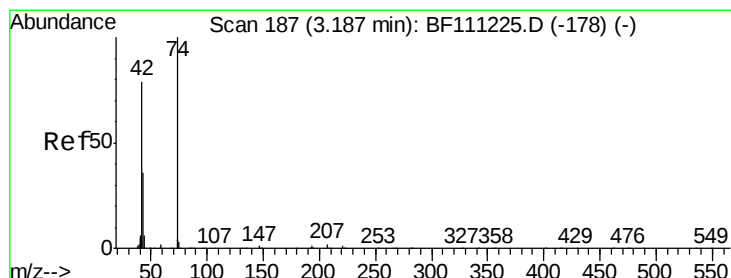
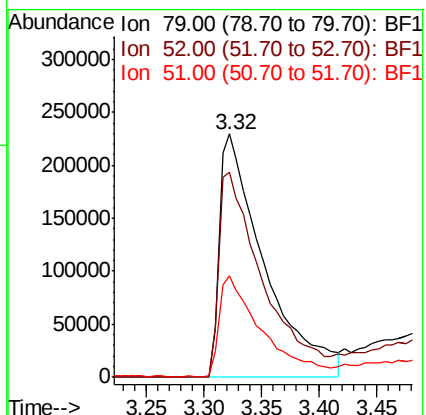
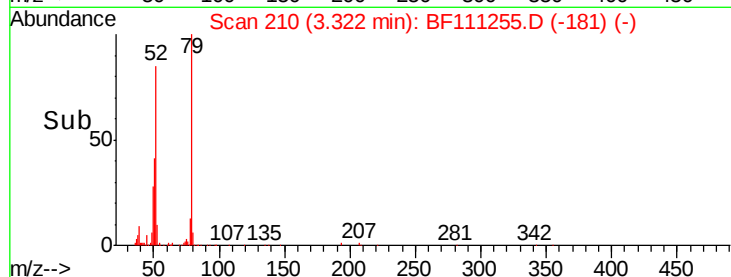
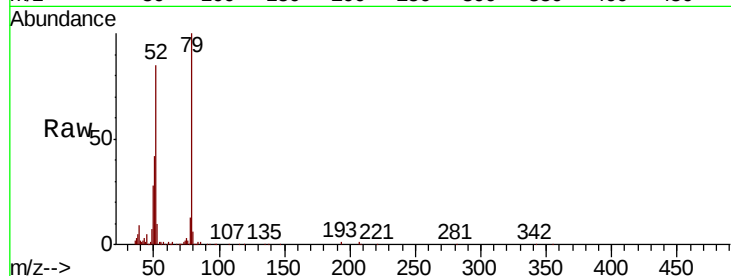
Tgt Ion: 79 Resp: 616695

Ion Ratio Lower Upper

79 100

52 84.5 68.3 102.5

51 41.5 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 43.936 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

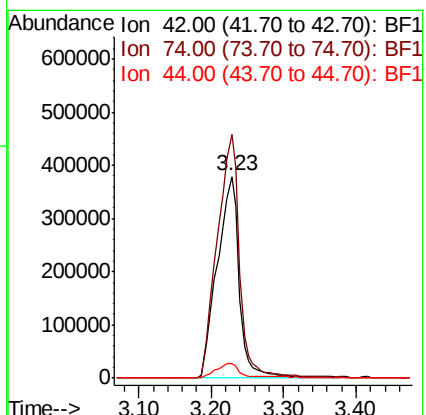
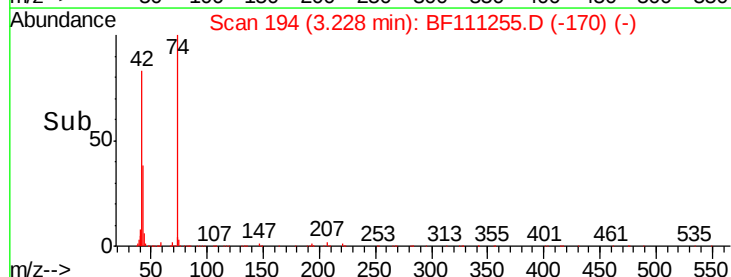
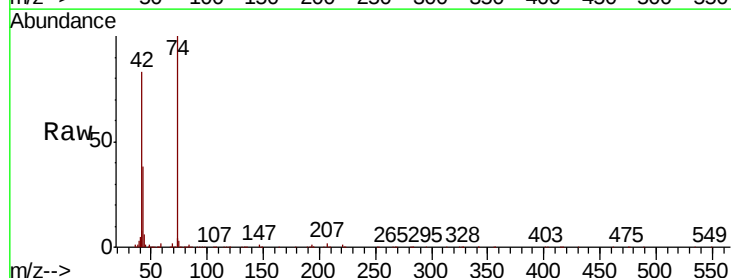
Tgt Ion: 42 Resp: 807036

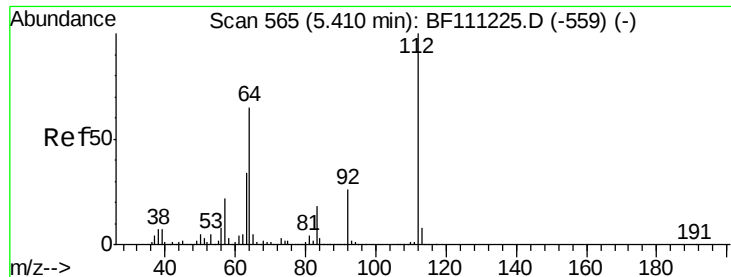
Ion Ratio Lower Upper

42 100

74 120.6 101.5 152.3

44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 125.011 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

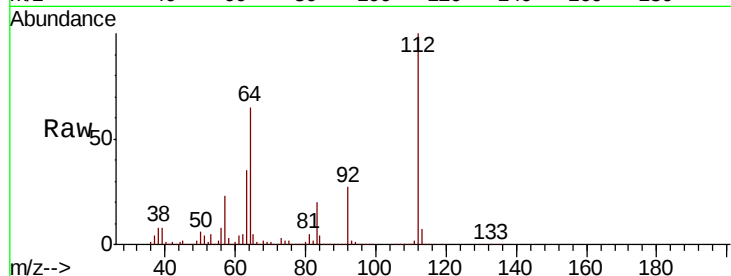
Tgt Ion:112 Resp: 3951070

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

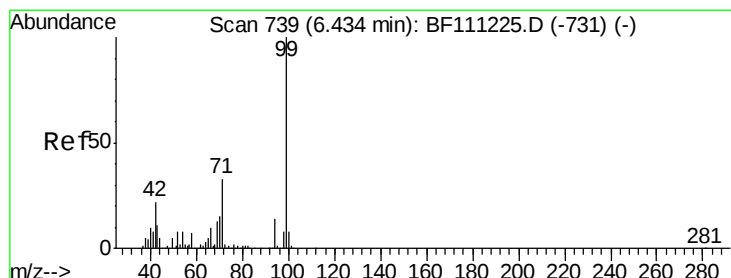
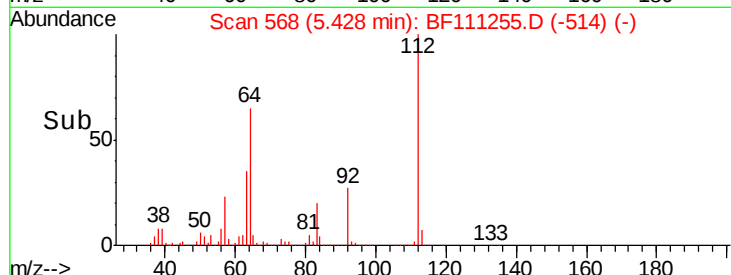
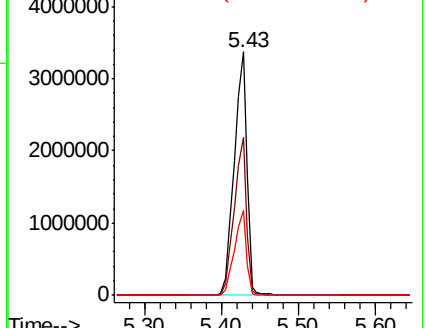
63 35.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 131.580 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

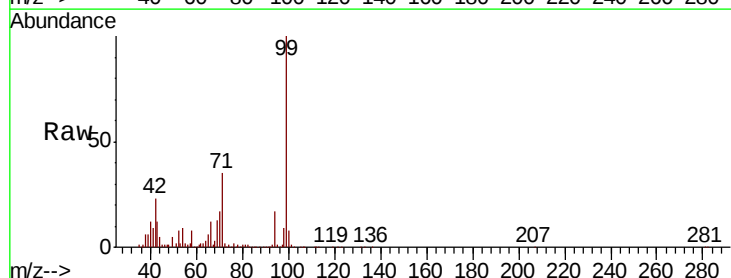
Tgt Ion: 99 Resp: 5168211

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

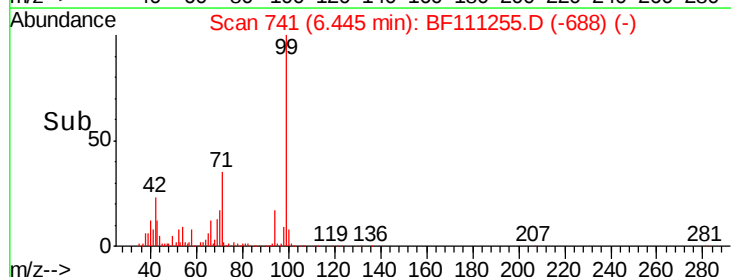
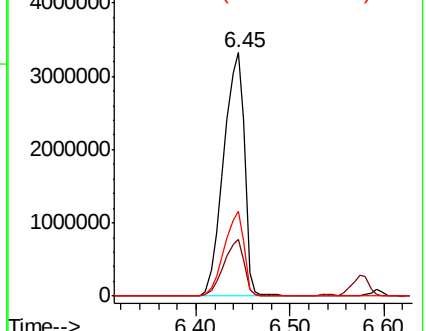
71 35.0 26.1 39.1

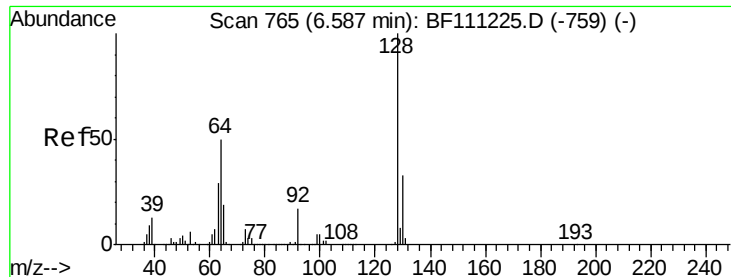


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 41.474 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

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ClientSampleId :

AU-7-120618MSD

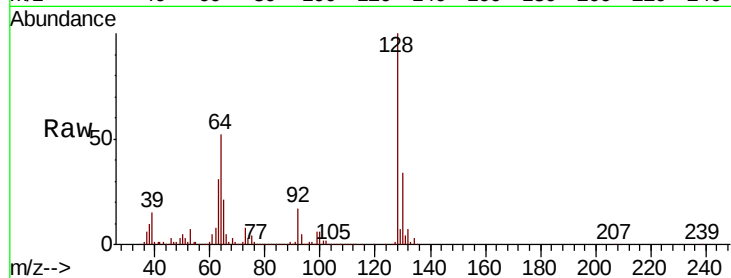
Tgt Ion:128 Resp: 1489982

Ion Ratio Lower Upper

128 100

130 33.6 12.7 52.7

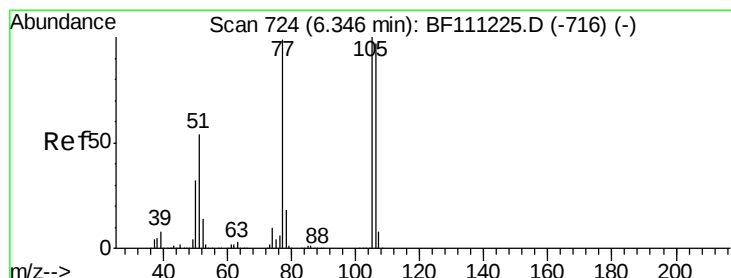
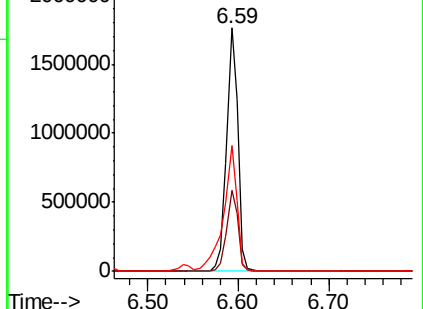
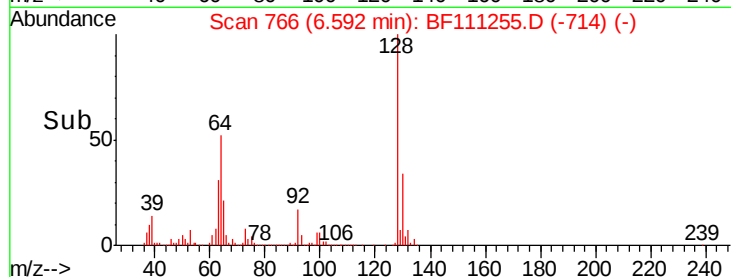
64 51.7 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 13.585 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

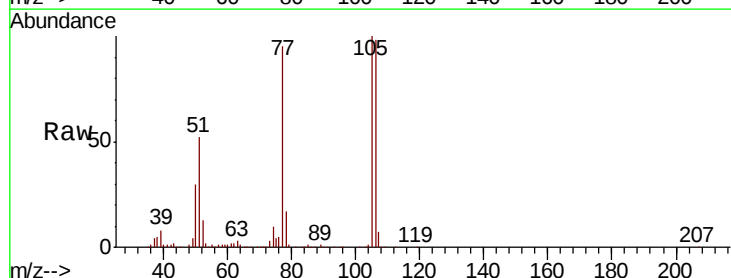
Tgt Ion: 77 Resp: 379834

Ion Ratio Lower Upper

77 100

105 104.8 81.4 121.4

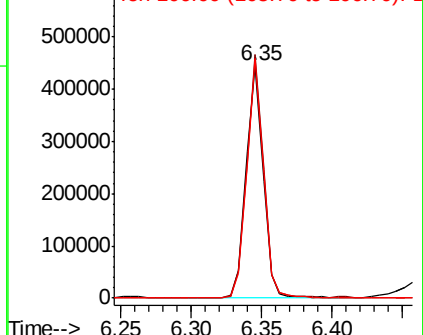
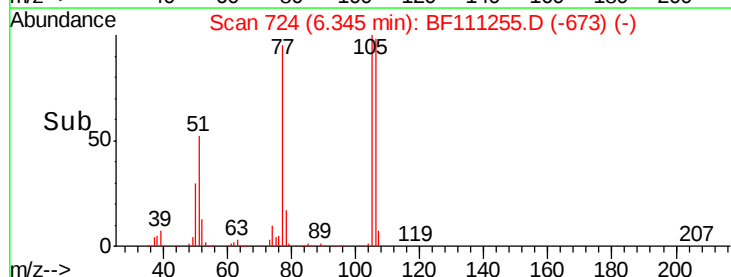
106 103.1 77.9 117.9

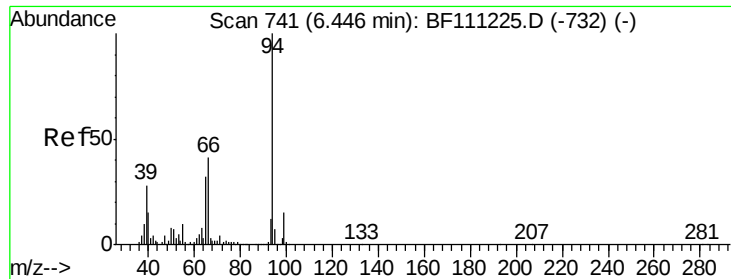


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 46.146 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

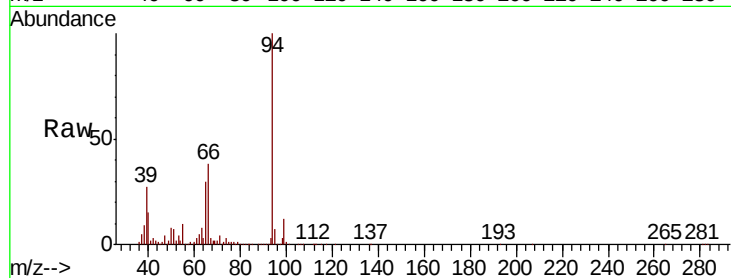
Tgt Ion: 94 Resp: 2119364

Ion Ratio Lower Upper

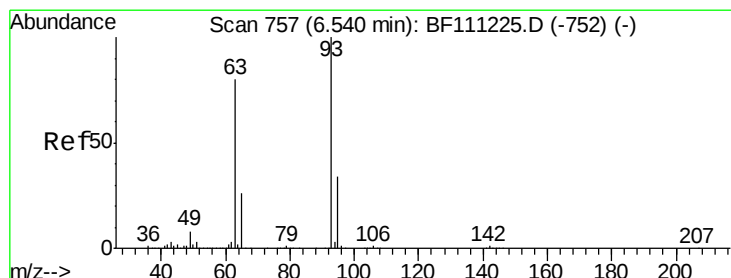
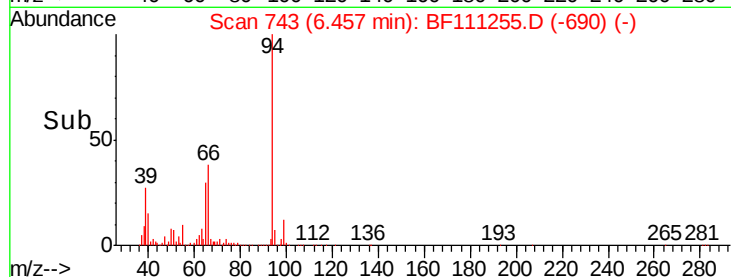
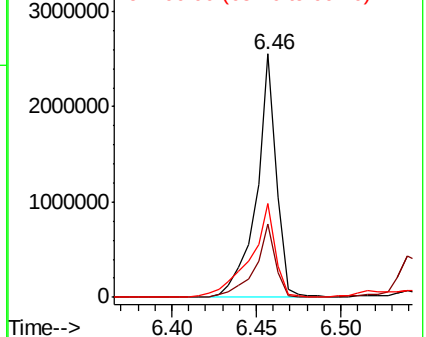
94 100

65 30.4 11.7 51.7

66 38.5 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: 57.392 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

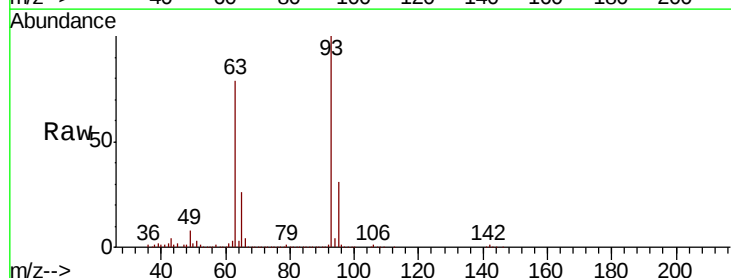
Tgt Ion: 93 Resp: 2038548

Ion Ratio Lower Upper

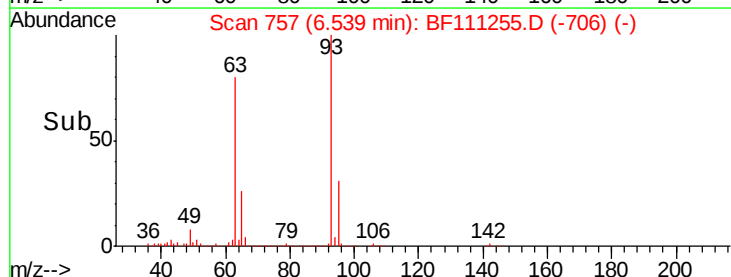
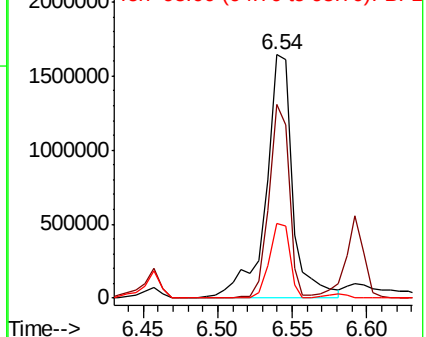
93 100

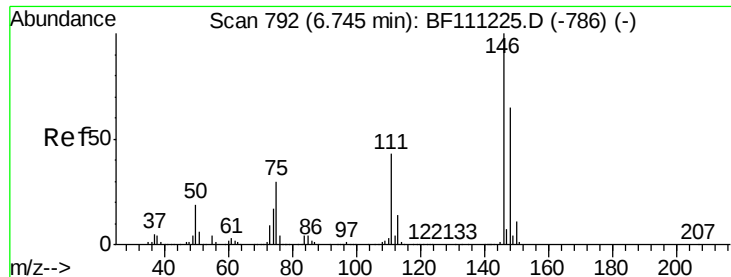
63 79.4 60.0 100.0

95 30.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 39.822 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

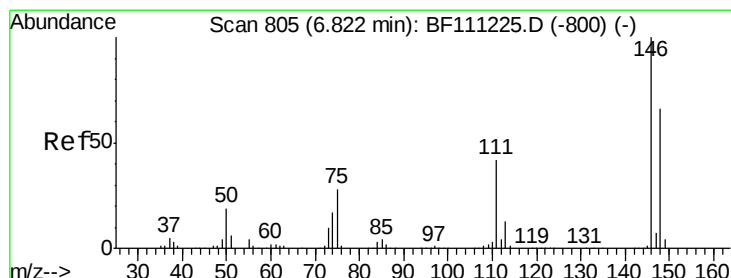
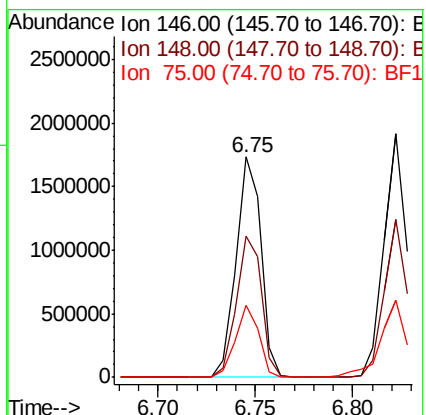
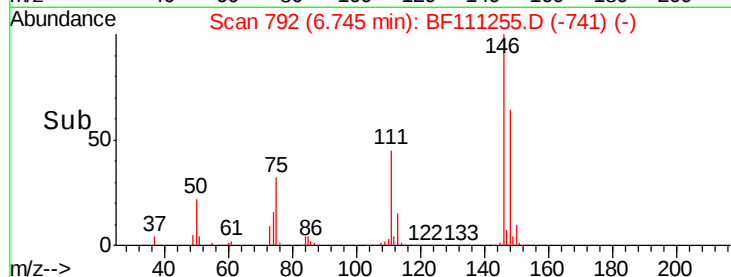
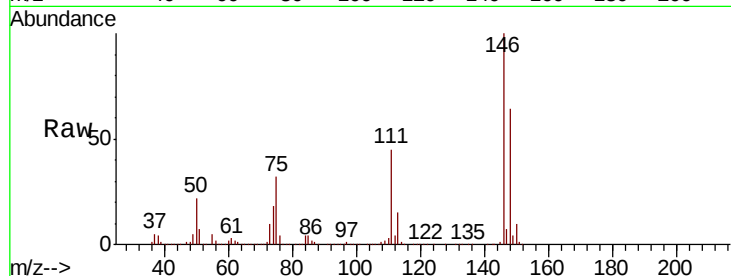
Tgt Ion:146 Resp: 1537196

Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

75 32.5 23.9 35.9



#13

1,4-Dichlorobenzene

Concen: 39.619 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

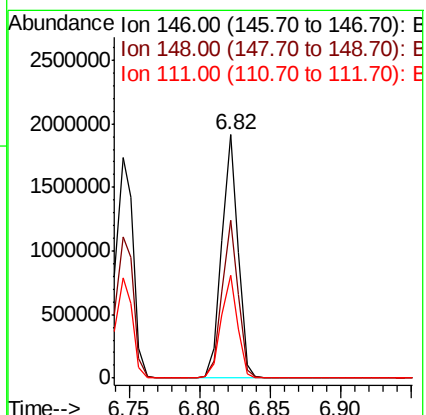
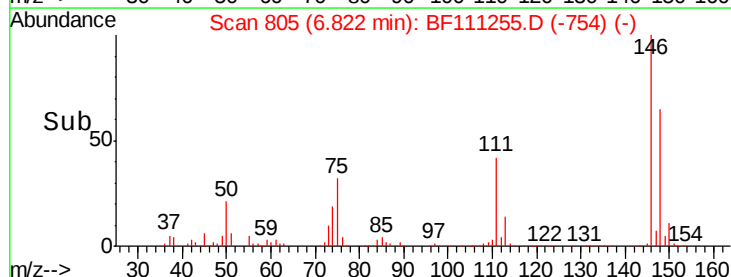
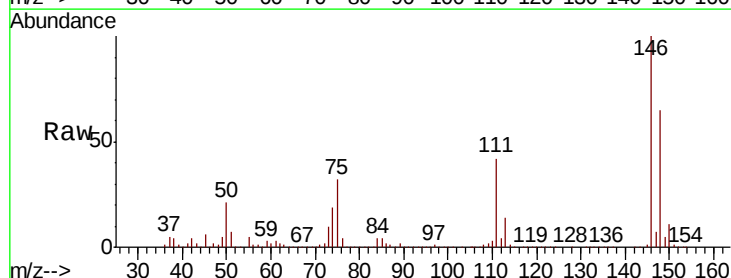
Tgt Ion:146 Resp: 1544203

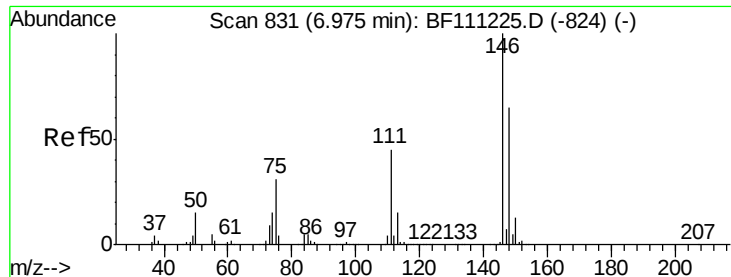
Ion Ratio Lower Upper

146 100

148 64.8 52.8 79.2

111 42.5 33.4 50.0





#14

1,2-Dichlorobenzene

Concen: 39.456 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

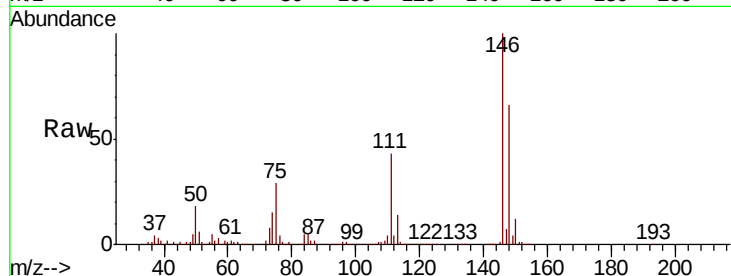
Tgt Ion:146 Resp: 1434366

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

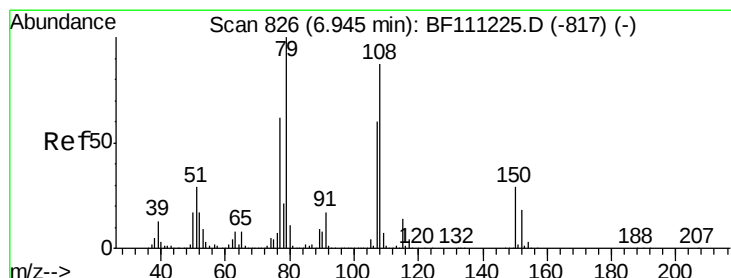
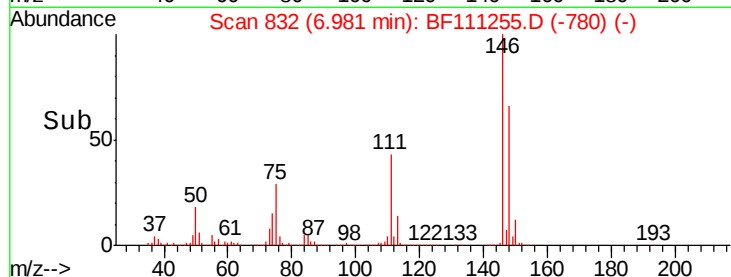
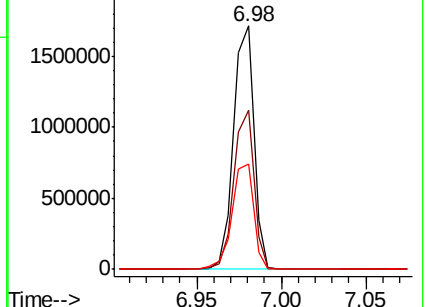
111 43.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 40.949 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

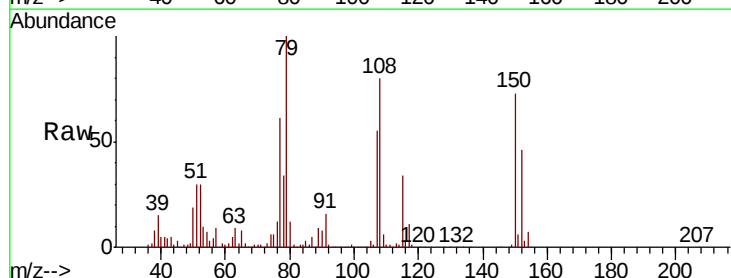
Tgt Ion: 79 Resp: 1272813

Ion Ratio Lower Upper

79 100

108 80.5 69.4 104.2

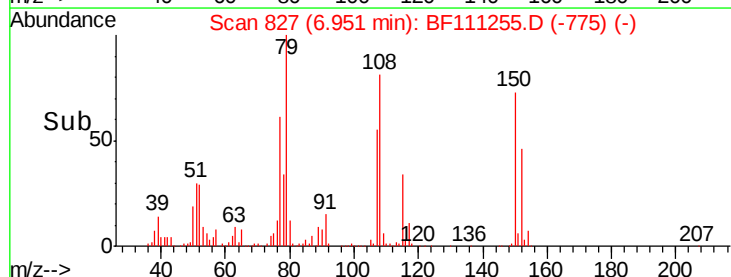
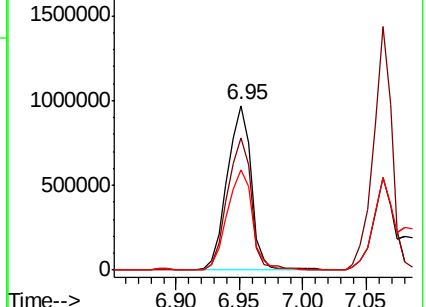
77 61.1 49.7 74.5

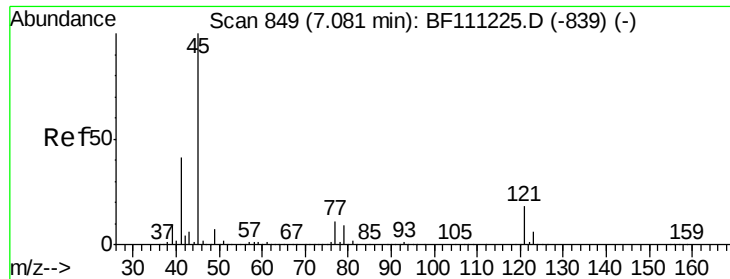


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

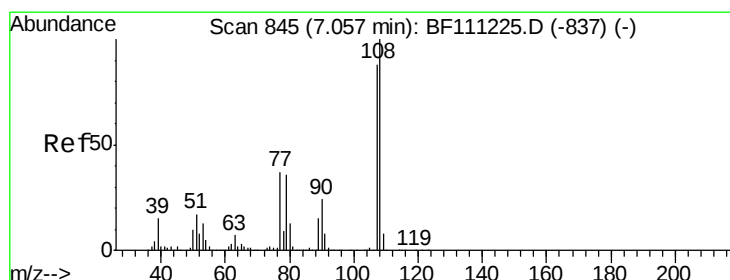
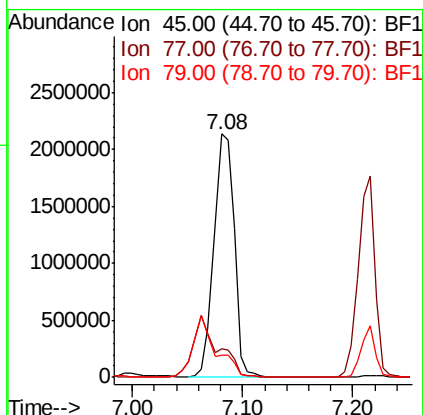
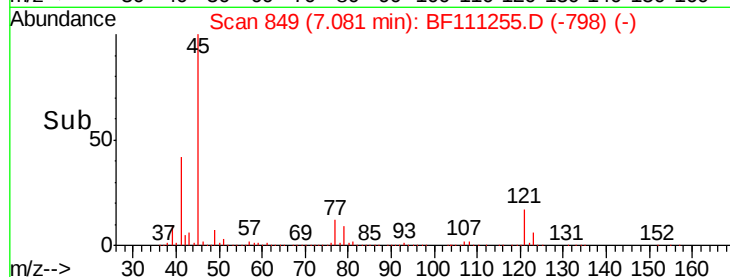
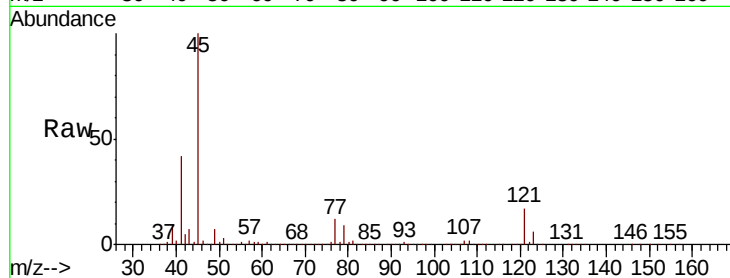




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.768 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

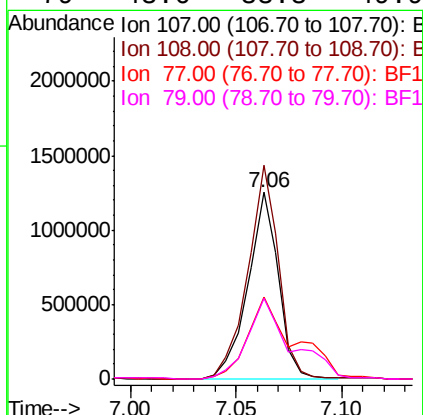
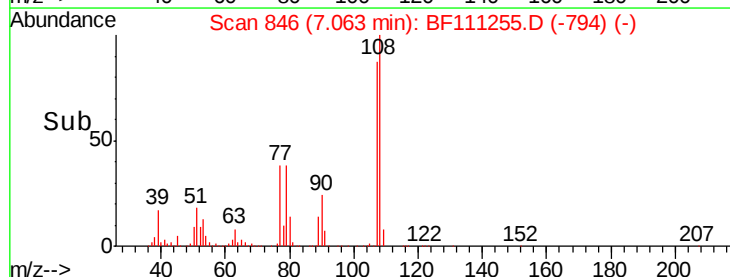
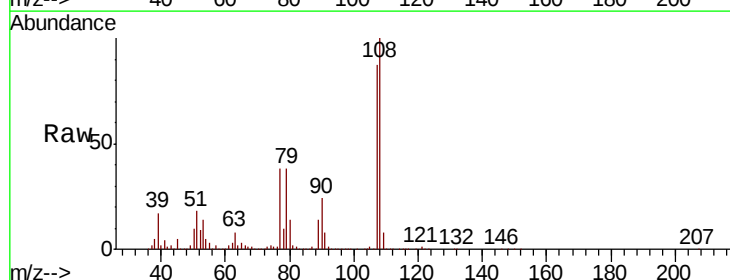
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

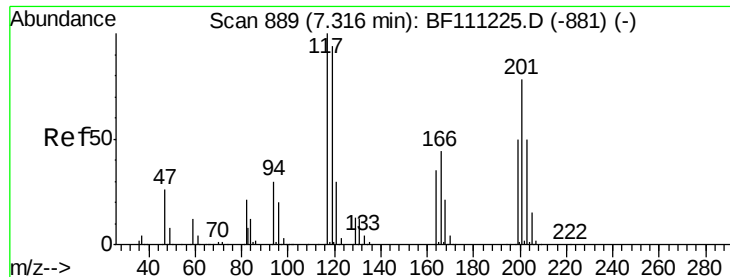
Tgt Ion: 45 Resp: 2711109  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 31.5  
79 9.2 0.0 28.9



#17  
2-Methylphenol  
Concen: 42.950 ng  
RT: 7.06 min Scan# 846  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 107 Resp: 1259750  
Ion Ratio Lower Upper  
107 100  
108 114.6 91.0 136.4  
77 43.8 33.5 50.3  
79 43.6 33.3 49.9





#18

Hexachloroethane

Concen: 38.633 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

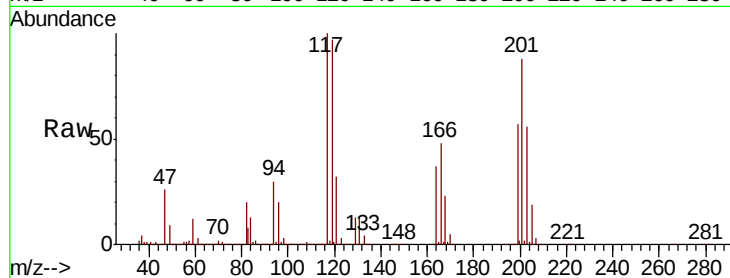
Tgt Ion:117 Resp: 573295

Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.0

201 87.8 62.4 93.6

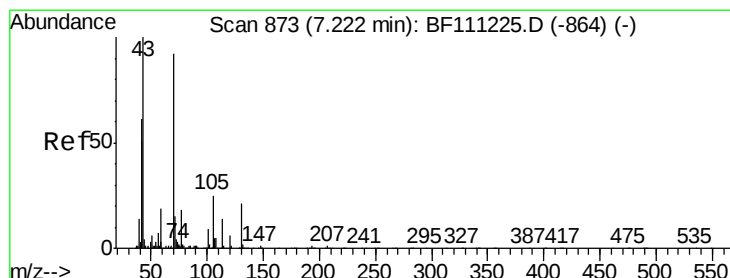
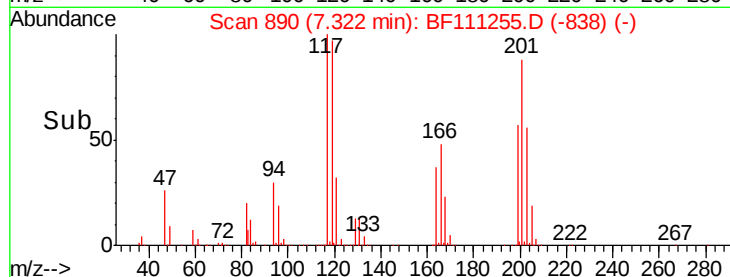
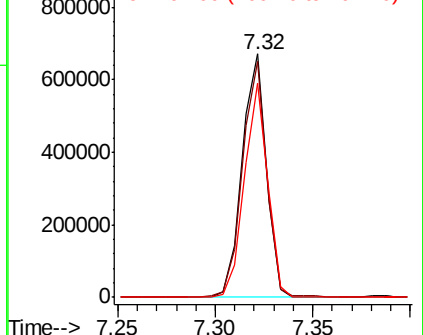


Abundance

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: 41.045 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion: 70 Resp: 1079968

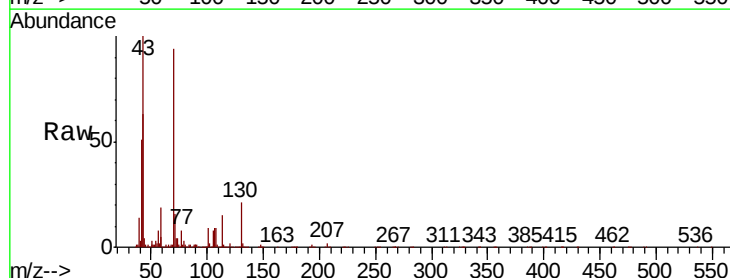
Ion Ratio Lower Upper

70 100

42 67.0 53.2 79.8

101 10.0 8.2 12.4

130 22.0 18.1 27.1



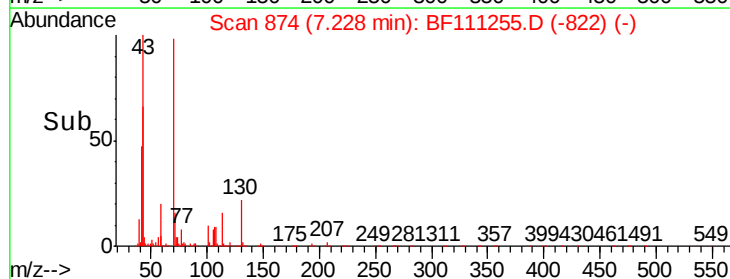
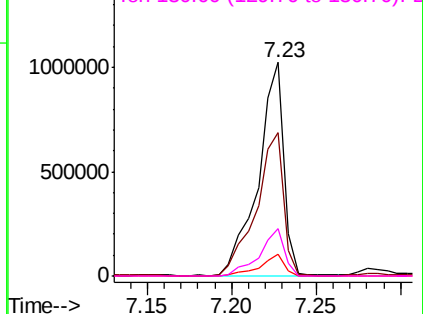
Abundance

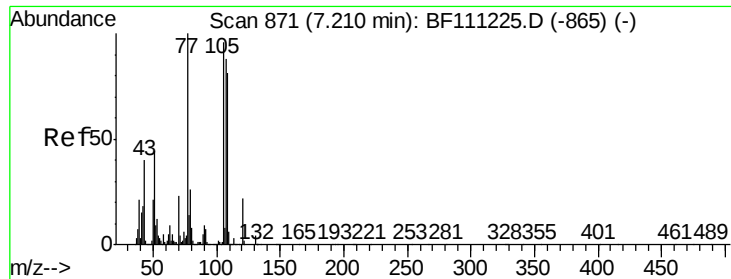
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

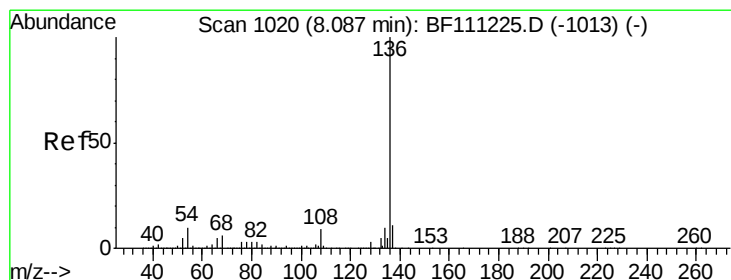
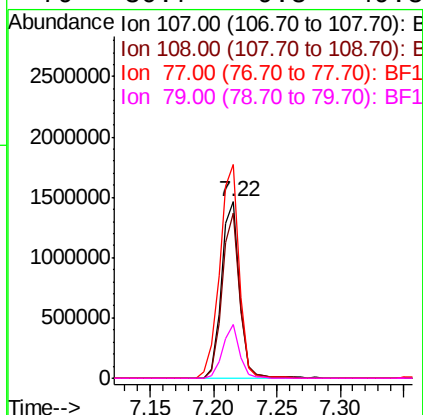
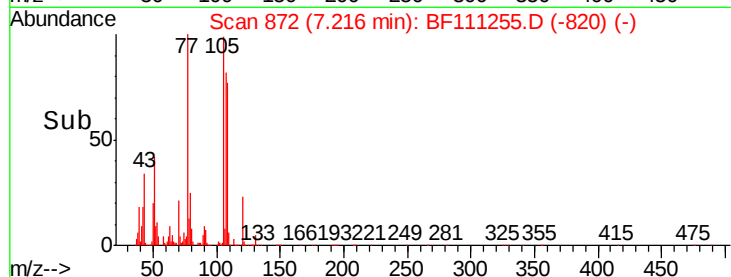
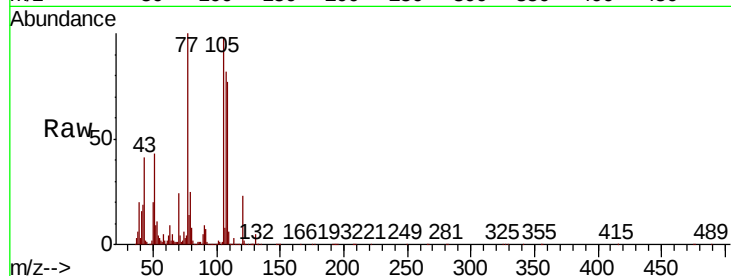




#20  
3+4-Methylphenols  
Concen: 41.651 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

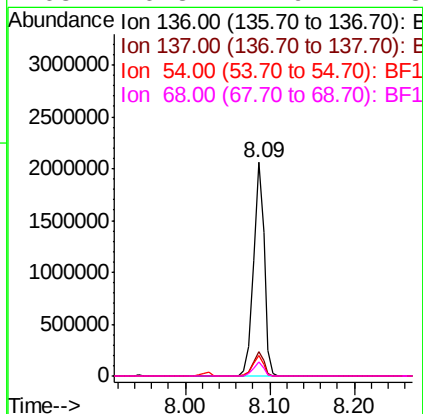
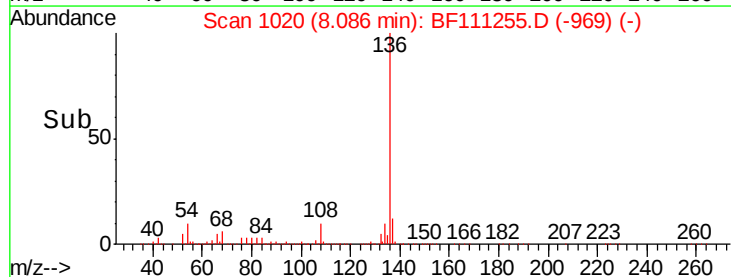
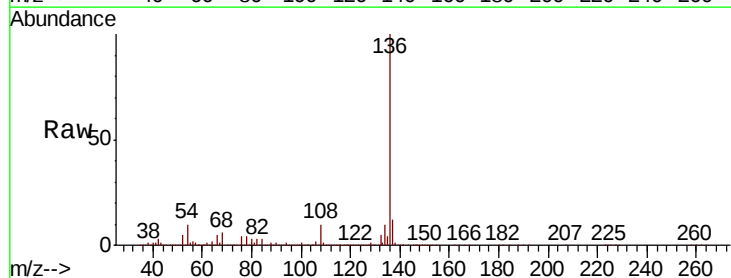
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

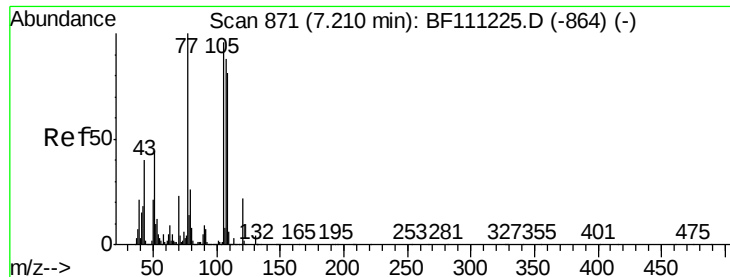
Tgt Ion:107 Resp: 1453061  
Ion Ratio Lower Upper  
107 100  
108 93.4 72.1 112.1  
77 121.3 94.1 134.1  
79 30.7 9.8 49.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:136 Resp: 1829403  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.1 13.7  
54 9.8 7.7 11.5  
68 6.3 4.9 7.3

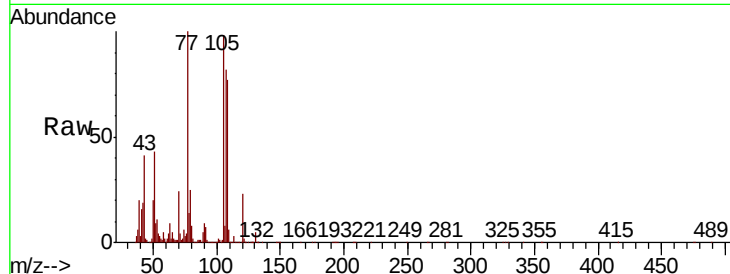




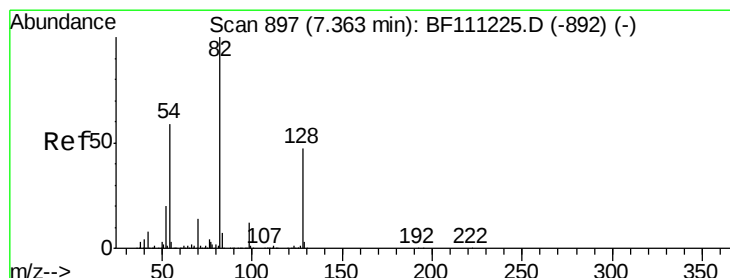
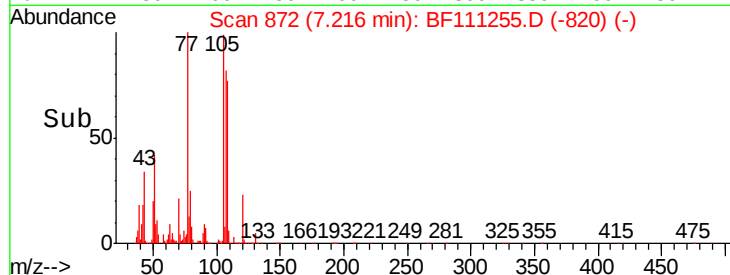
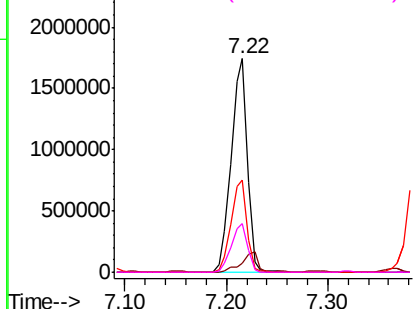
#22  
Acetophenone  
Concen: 46.045 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion: 105 Resp: 1927370  
Ion Ratio Lower Upper  
105 100  
71 4.5 3.1 4.7  
51 43.2 36.6 54.8  
120 23.1 18.2 27.4

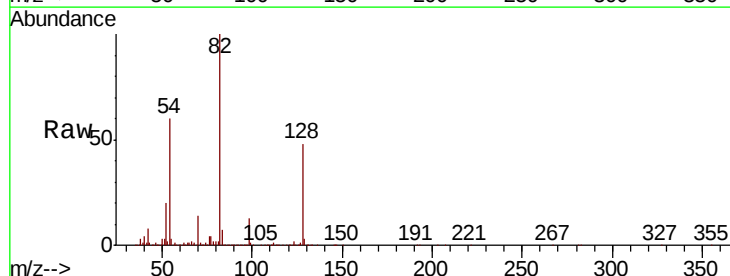


Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

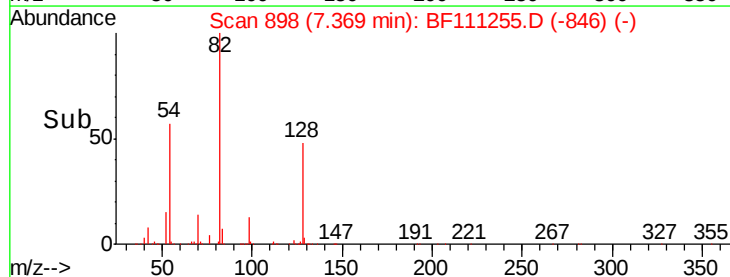
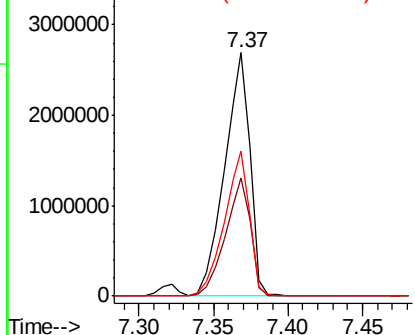


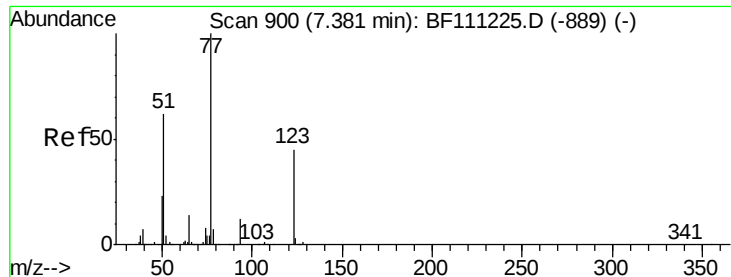
#23  
Nitrobenzene-d5  
Concen: 98.509 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 82 Resp: 3213006  
Ion Ratio Lower Upper  
82 100  
128 48.3 37.4 56.2  
54 59.7 47.6 71.4



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

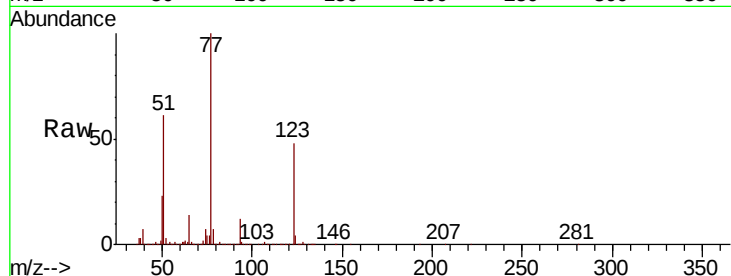




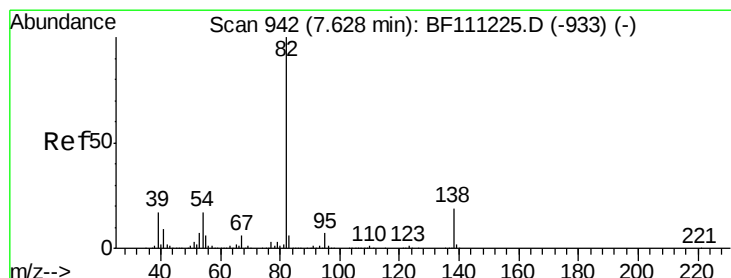
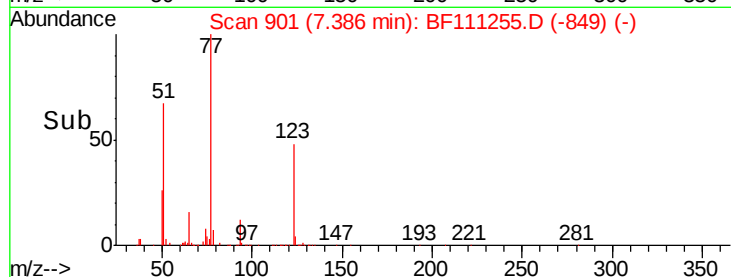
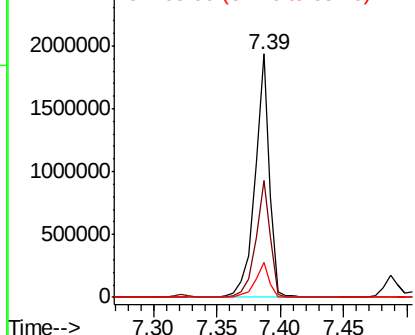
#24  
Nitrobenzene  
Concen: 45.436 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion: 77 Resp: 1542396  
Ion Ratio Lower Upper  
77 100  
123 48.2 37.2 55.8  
65 14.5 11.5 17.3

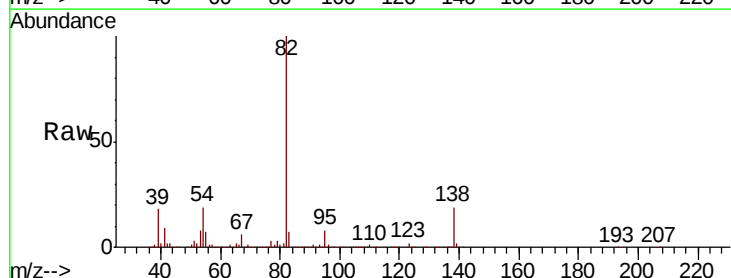


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1

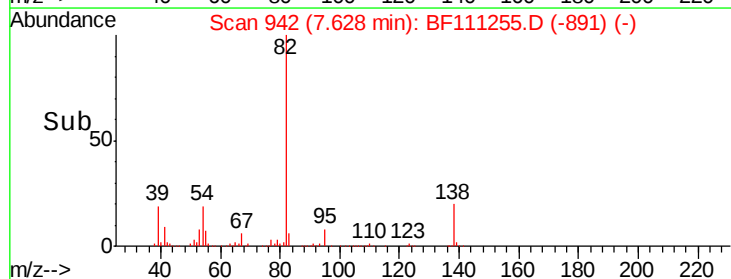
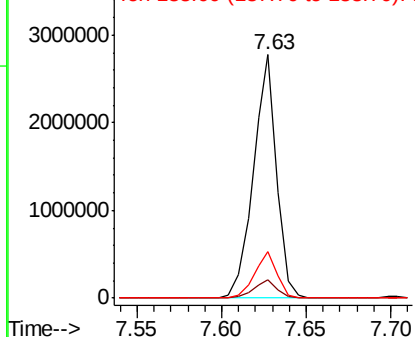


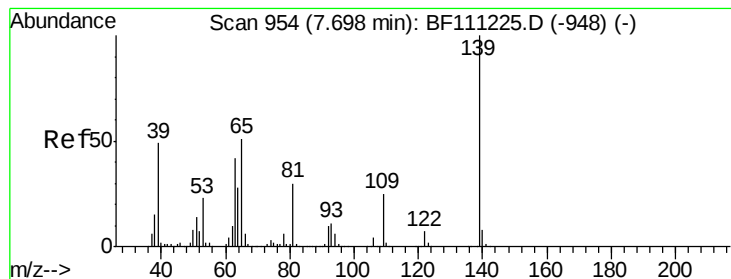
#25  
Isophorone  
Concen: 47.598 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 82 Resp: 2644158  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.4 8.2  
138 19.4 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 43.514 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

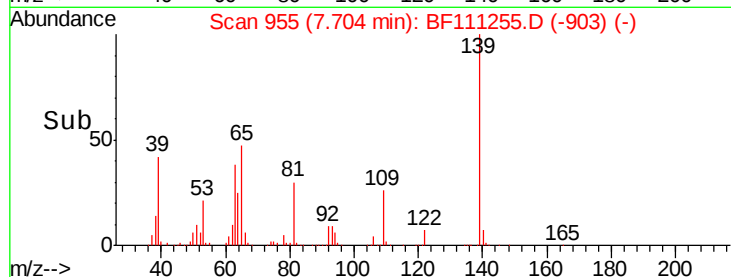
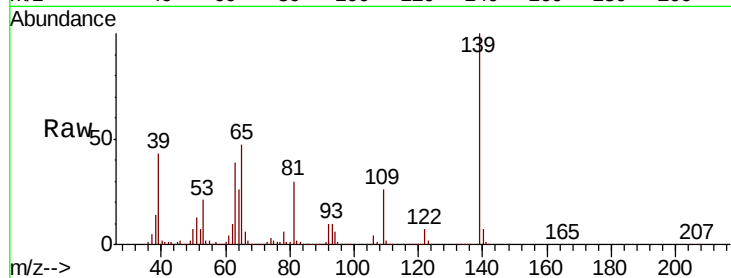
Tgt Ion:139 Resp: 733906

Ion Ratio Lower Upper

139 100

109 25.7 20.2 30.4

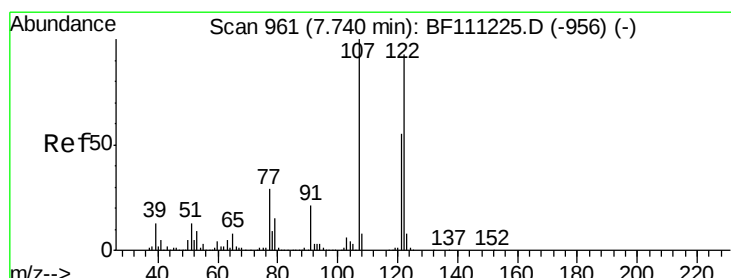
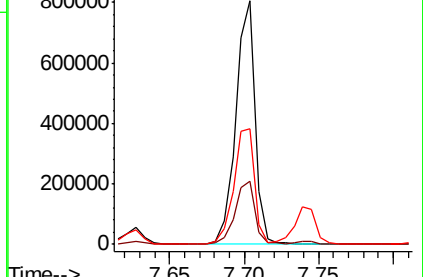
65 47.4 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 48.398 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

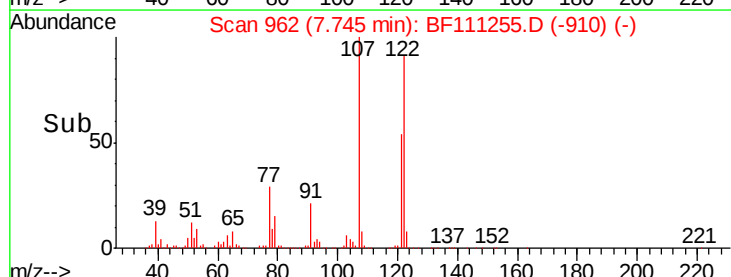
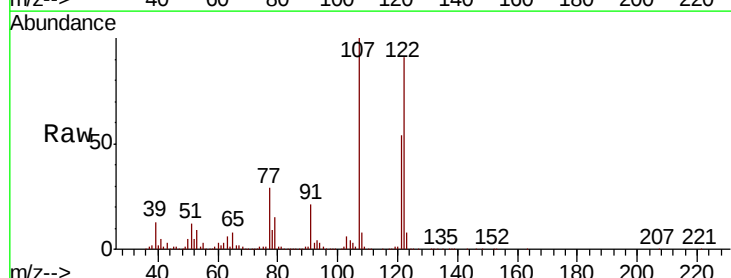
Tgt Ion:122 Resp: 1261367

Ion Ratio Lower Upper

122 100

107 110.5 85.5 128.3

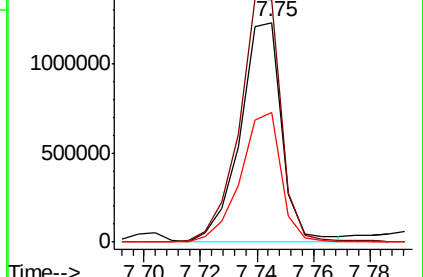
121 59.2 46.6 70.0

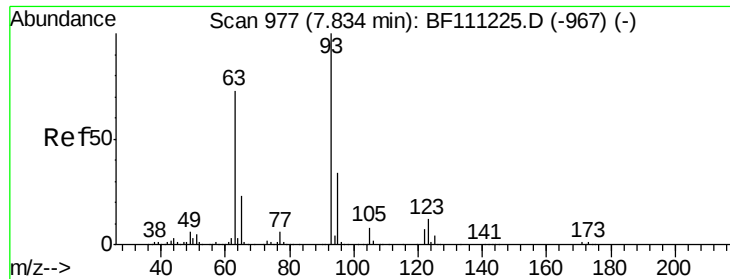


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



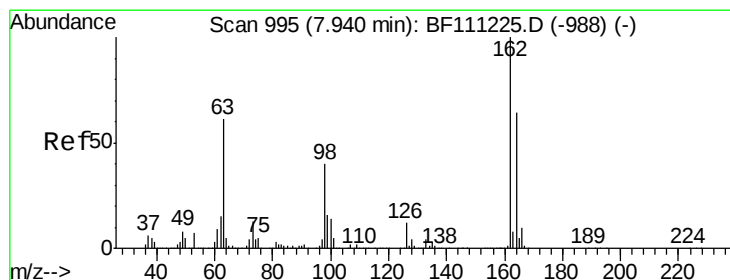
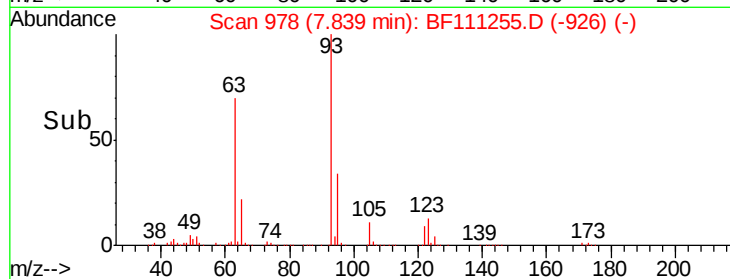
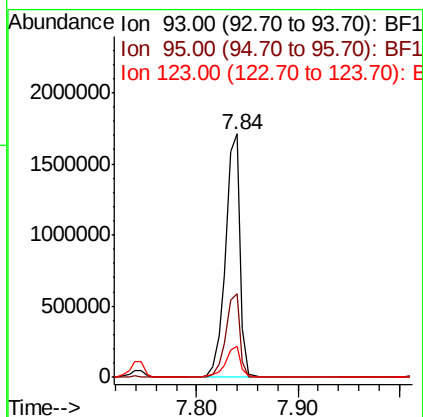
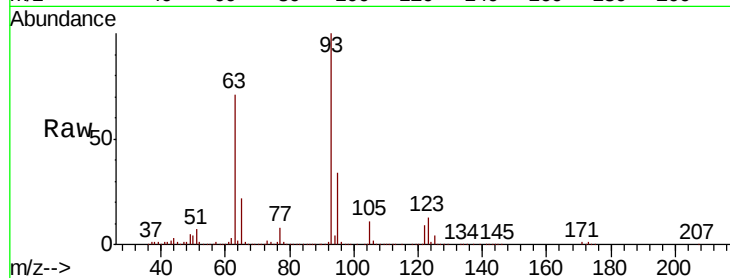


#28  
bis(2-Chloroethoxy)methane  
Concen: 43.783 ng  
RT: 7.84 min Scan# 978  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion: 93 Resp: 1684308  

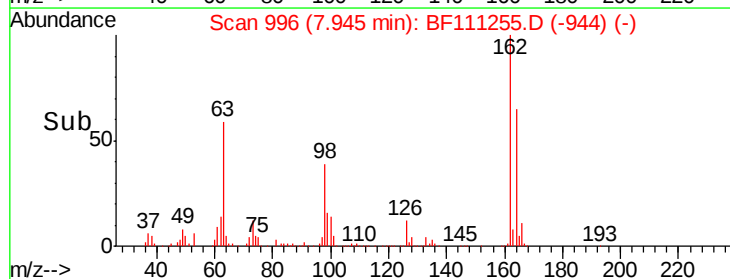
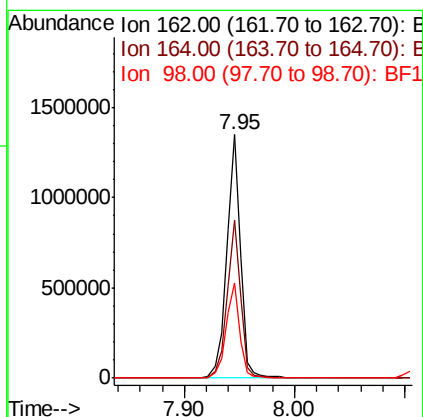
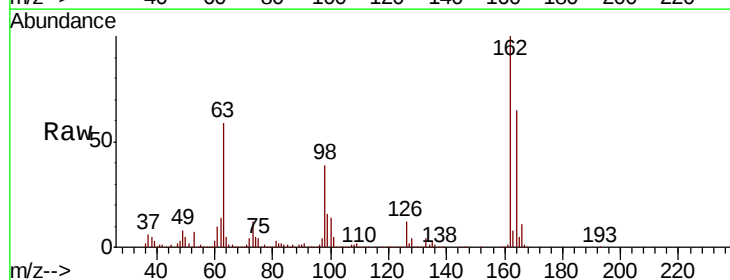
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 34.3  | 27.1  | 40.7  |
| 123 | 13.1  | 9.9   | 14.9  |

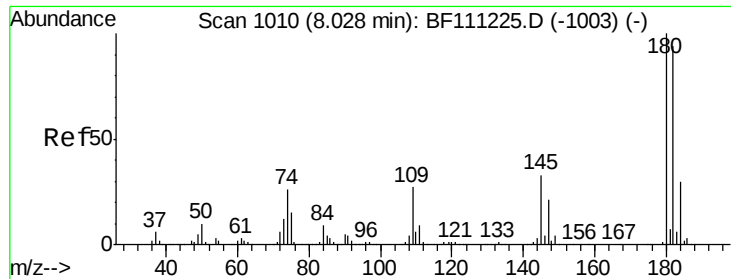


#29  
2,4-Dichlorophenol  
Concen: 44.344 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 162 Resp: 1181728  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.9  | 44.4  | 84.4  |
| 98  | 39.2  | 20.3  | 60.3  |

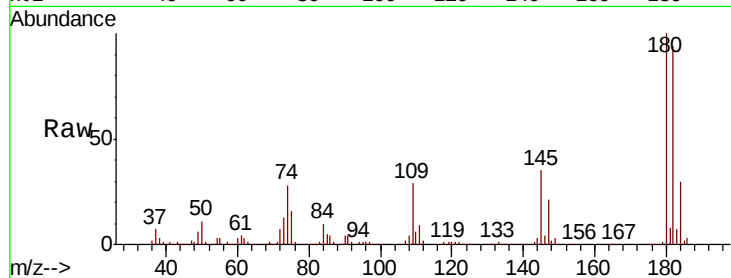




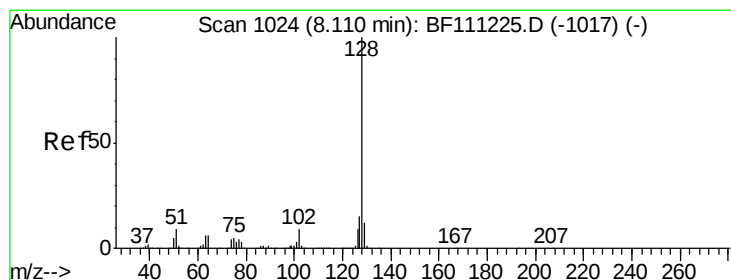
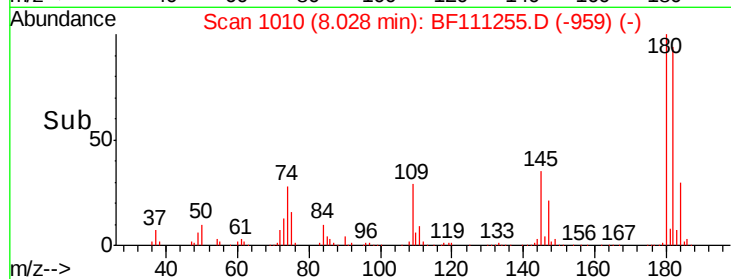
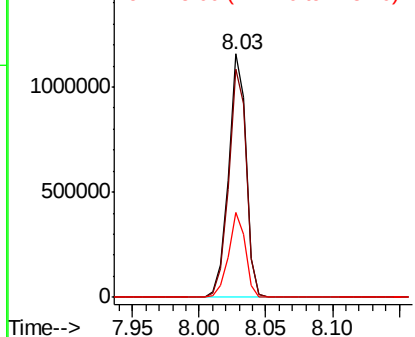
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.123 ng  
 RT: 8.03 min Scan# 1010  
 Delta R.T. -0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

Tgt Ion:180 Resp: 1079483  
 Ion Ratio Lower Upper  
 180 100  
 182 93.8 75.6 113.4  
 145 34.8 26.7 40.1

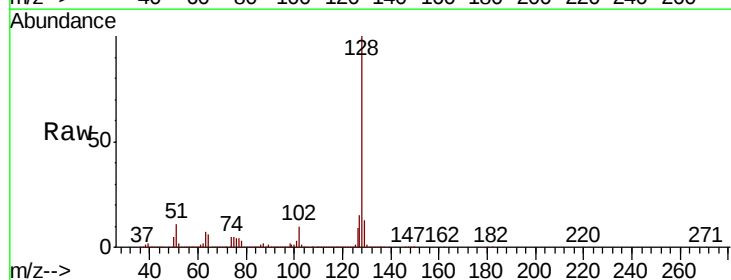


Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

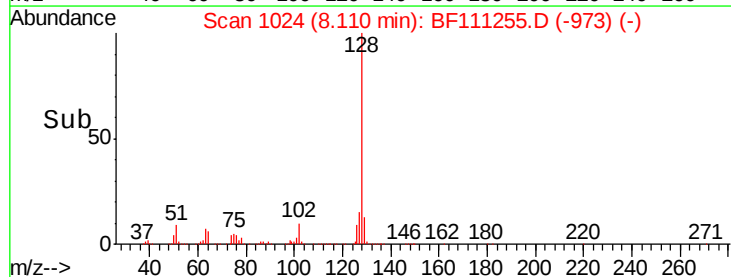
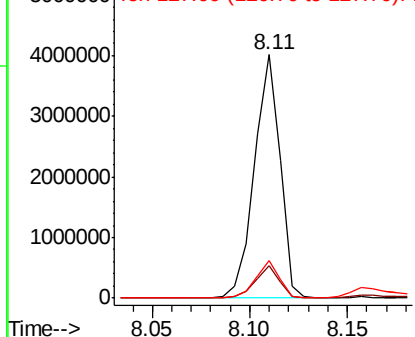


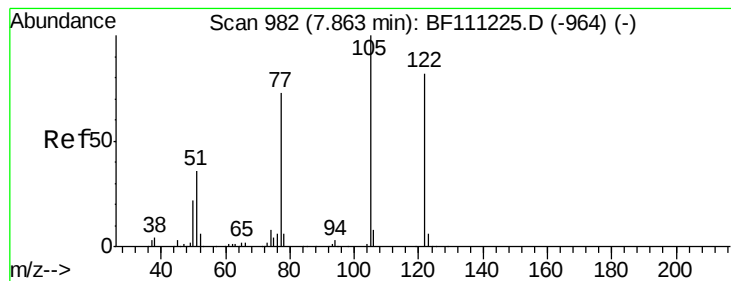
#31  
 Naphthalene  
 Concen: 45.720 ng  
 RT: 8.11 min Scan# 1024  
 Delta R.T. -0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Tgt Ion:128 Resp: 3650389  
 Ion Ratio Lower Upper  
 128 100  
 129 13.1 9.8 14.8  
 127 15.5 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: 24.566 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

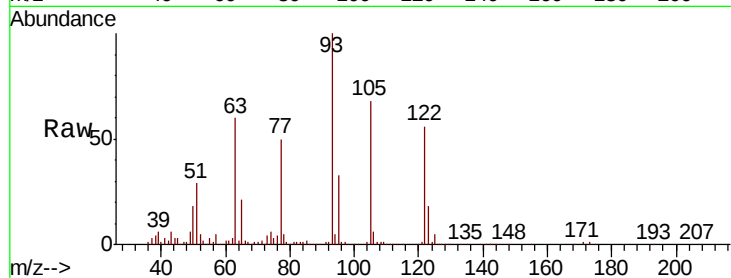
Tgt Ion:122 Resp: 529456

Ion Ratio Lower Upper

122 100

105 121.9 97.0 137.0

77 90.2 65.7 105.7

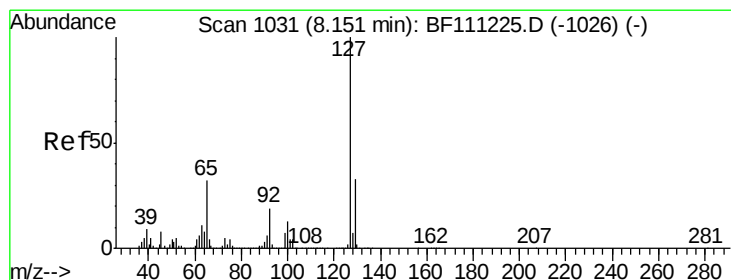
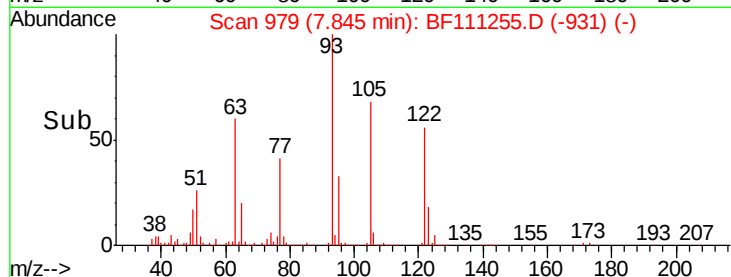
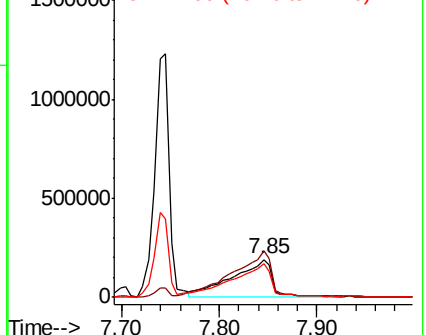


Abundance

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: 7.148 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:127 Resp: 274110

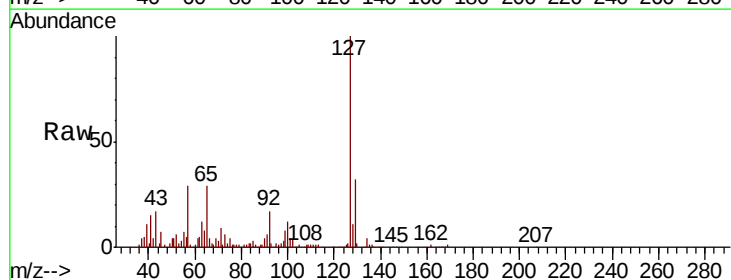
Ion Ratio Lower Upper

127 100

129 31.9 26.6 39.8

65 29.4 25.7 38.5

92 16.9 15.4 23.2



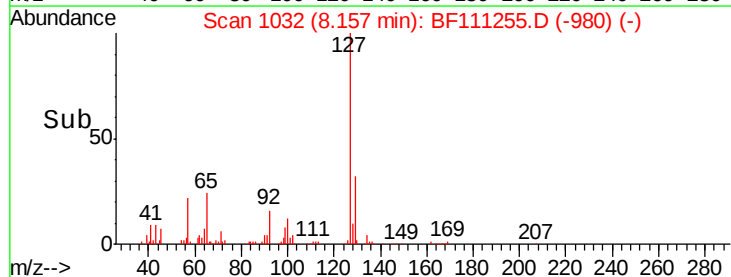
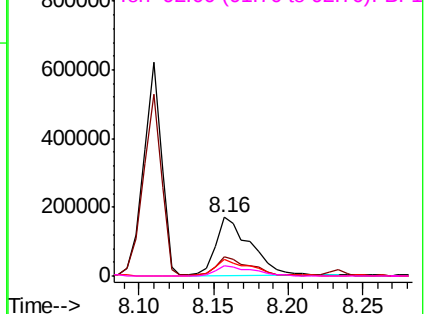
Abundance

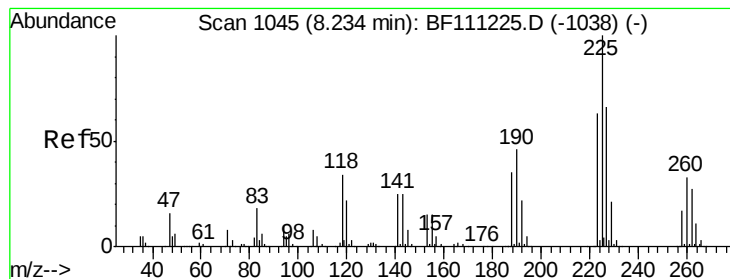
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 42.063 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

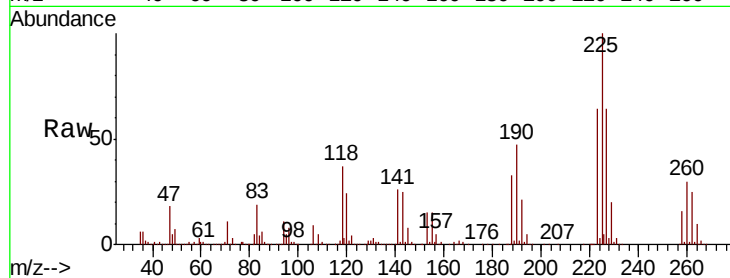
Tgt Ion:225 Resp: 609493

Ion Ratio Lower Upper

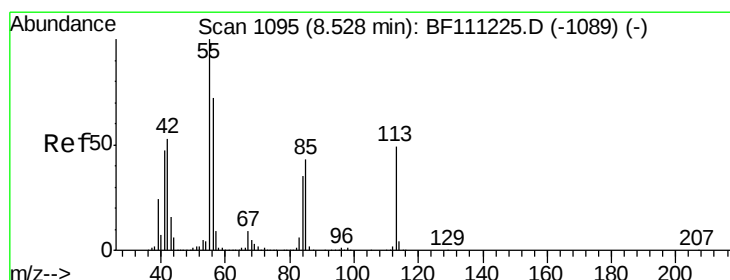
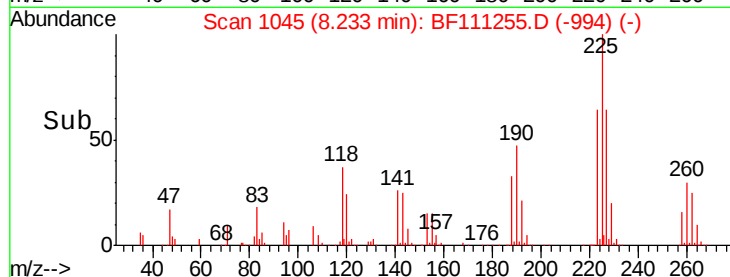
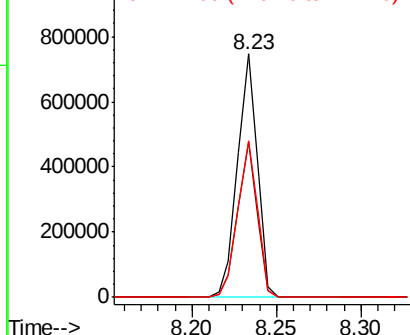
225 100

223 64.0 50.7 76.1

227 64.2 52.6 78.8



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



#35

Caprolactam

Concen: 33.043 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

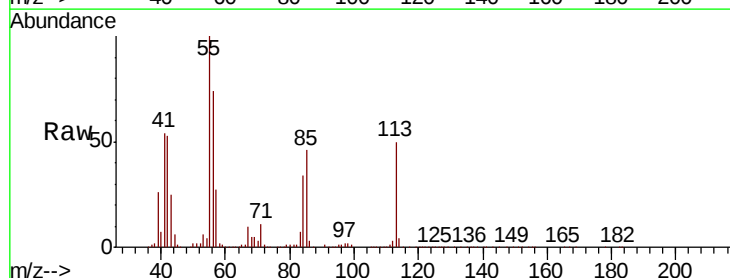
Tgt Ion:113 Resp: 312035

Ion Ratio Lower Upper

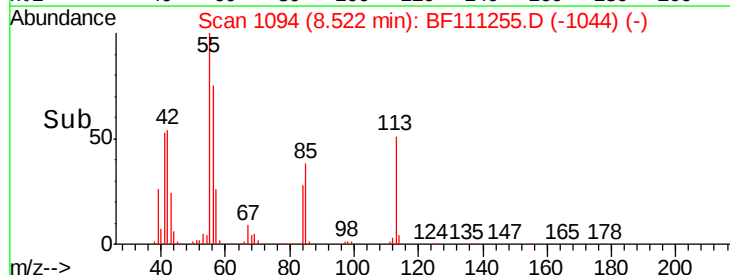
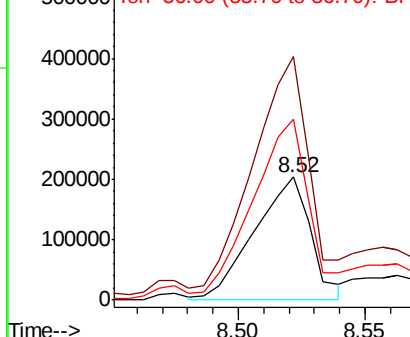
113 100

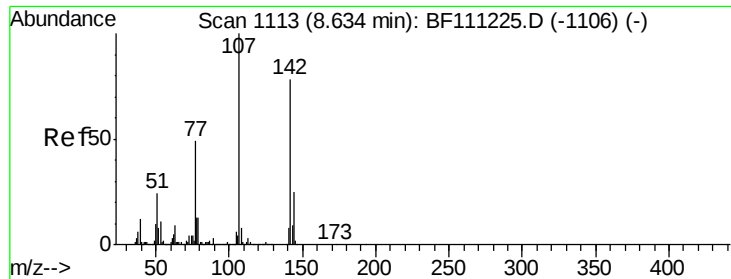
55 198.1 184.1 224.1

56 147.1 126.0 166.0



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

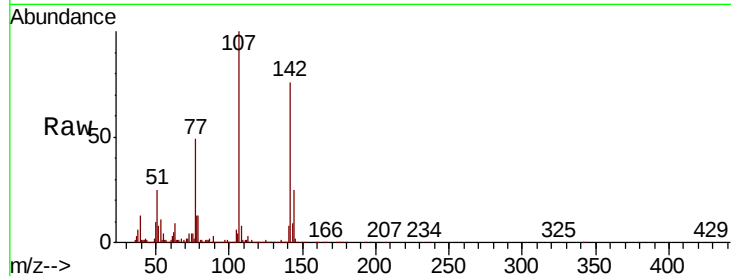




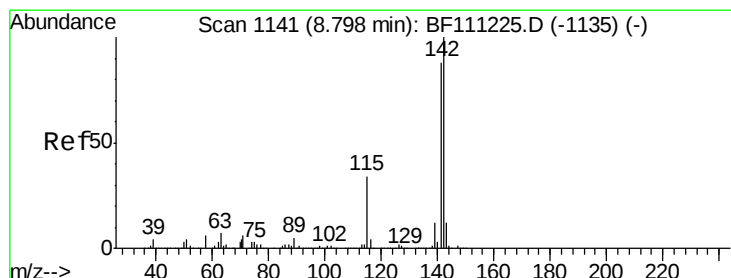
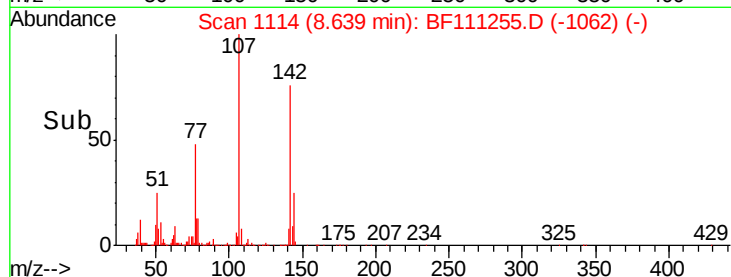
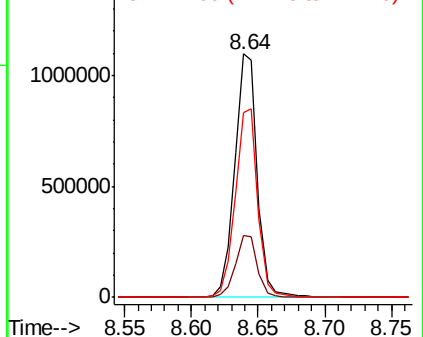
#36  
 4-Chloro-3-methylphenol  
 Concen: 47.321 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

Tgt Ion:107 Resp: 1291163  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 19.8 29.6  
 142 76.0 62.3 93.5

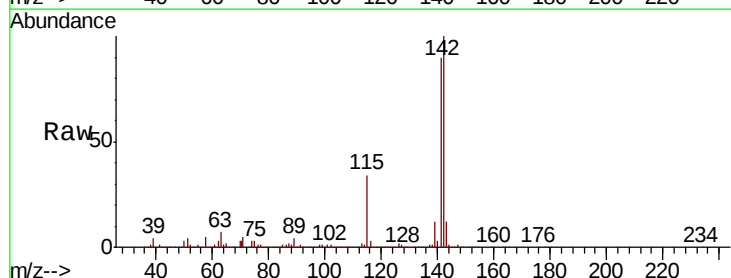


Abundance Ion 107.00 (106.70 to 107.70): E  
 1500000 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

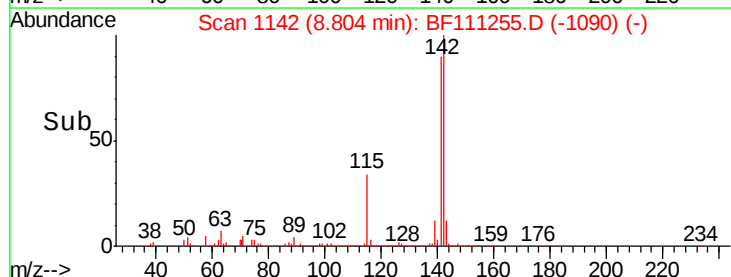
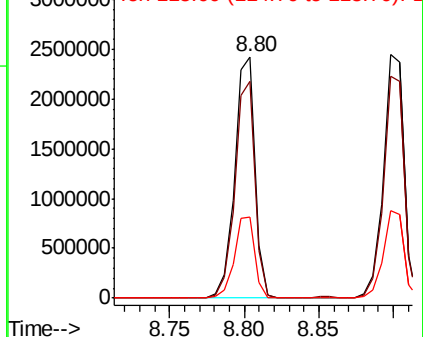


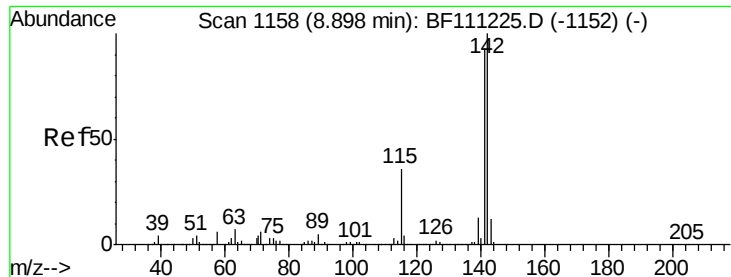
#37  
 2-Methylnaphthalene  
 Concen: 43.772 ng  
 RT: 8.80 min Scan# 1142  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Tgt Ion:142 Resp: 2320307  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 70.6 105.8  
 115 33.6 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E  
 3000000 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

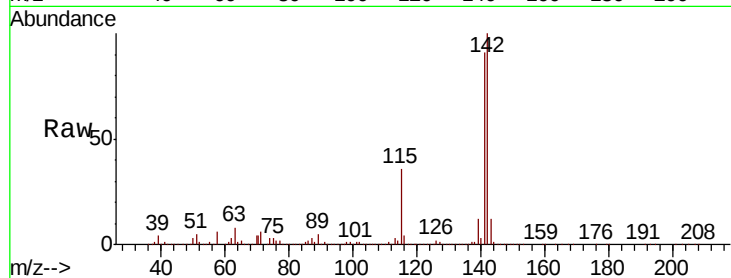




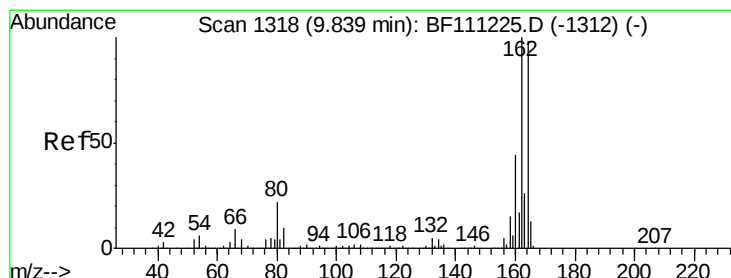
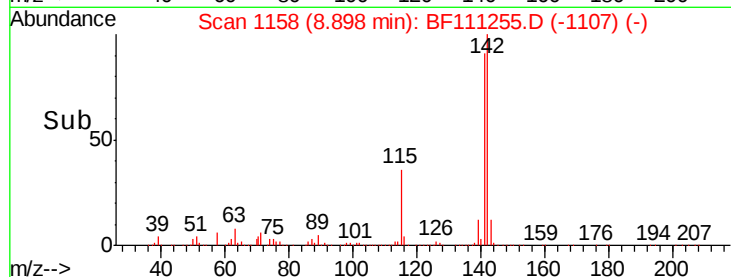
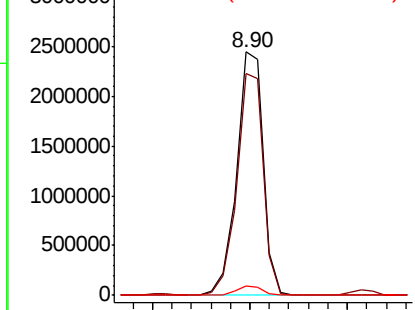
#38  
1-Methylnaphthalene  
Concen: 44.133 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion:142 Resp: 2291009  
Ion Ratio Lower Upper  
142 100  
141 91.3 74.2 111.4  
116 3.9 2.9 4.3

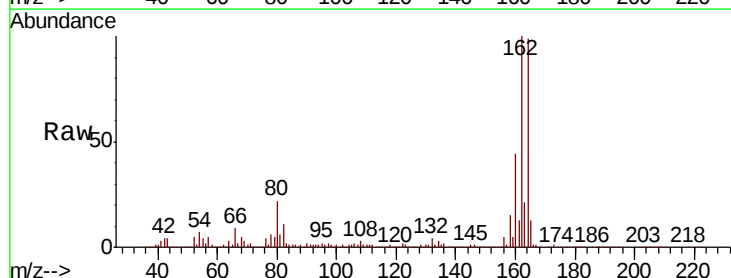


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

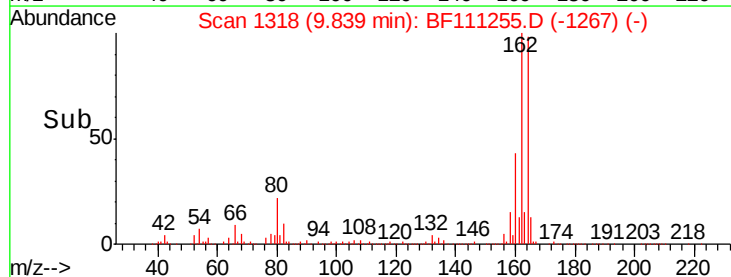
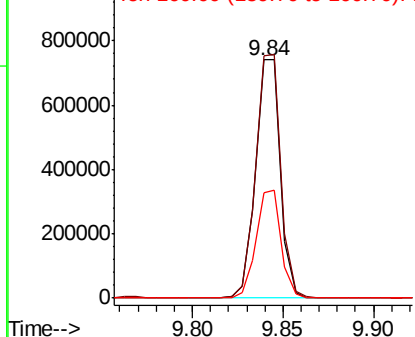


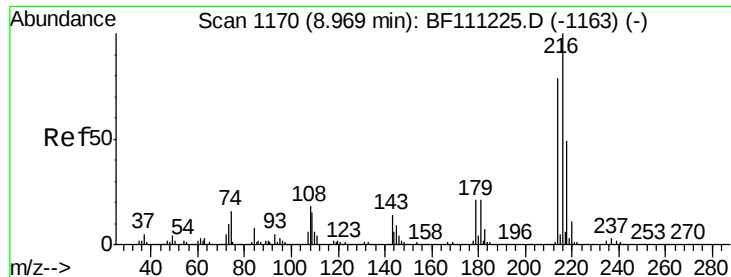
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:164 Resp: 701867  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.4 122.0  
160 44.2 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

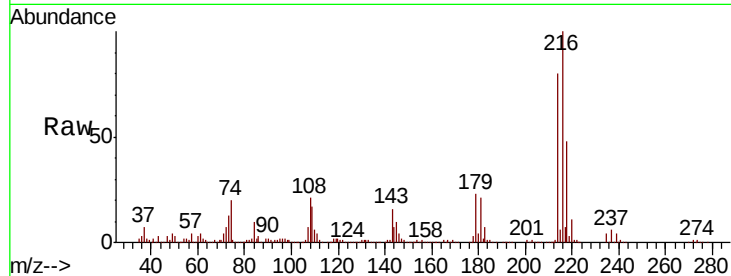




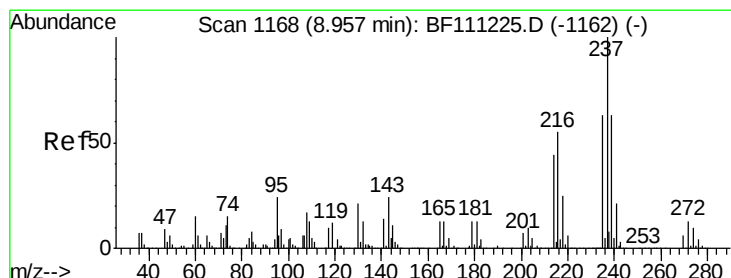
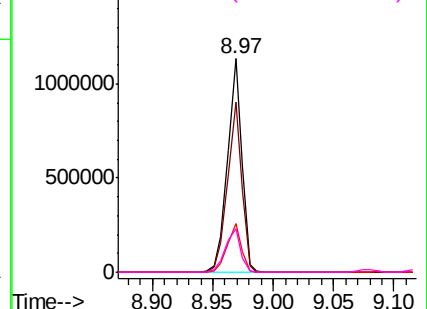
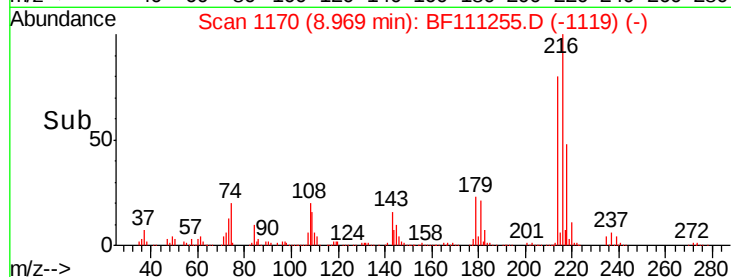
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.483 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 927332 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.3  | 63.8  | 95.8   |
| 179      | 22.9  | 17.9  | 26.9   |
| 108      | 21.5  | 18.4  | 27.6   |

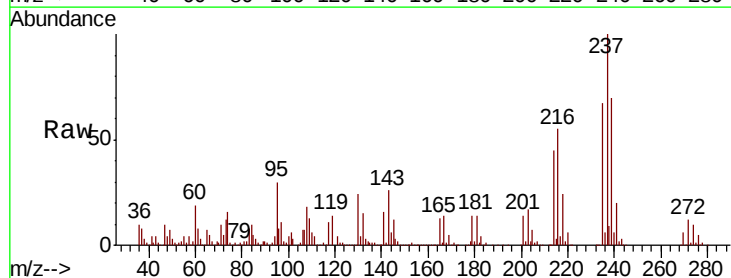


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

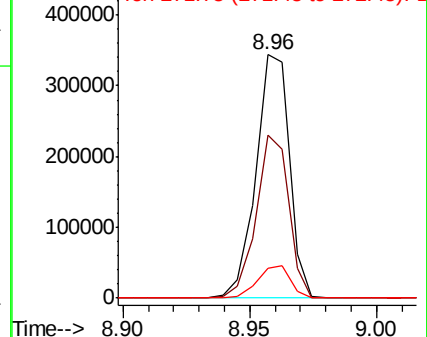
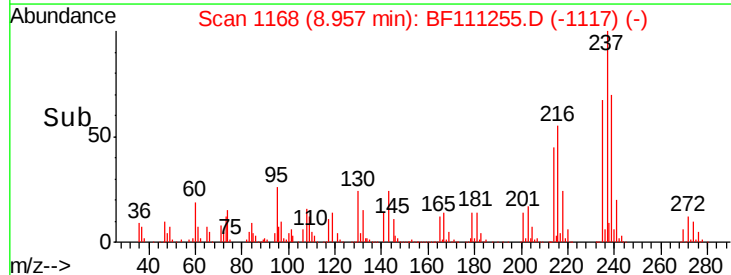


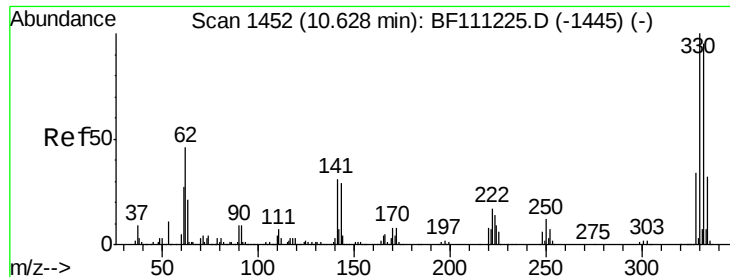
#41  
 Hexachlorocyclopentadiene  
 Concen: 28.625 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 318366 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 66.7  | 43.1  | 83.1   |
| 272      | 12.5  | 0.0   | 33.0   |



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

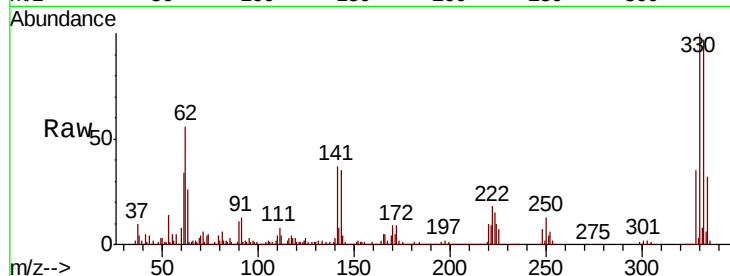




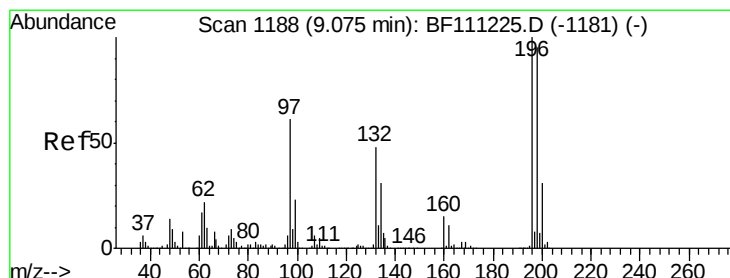
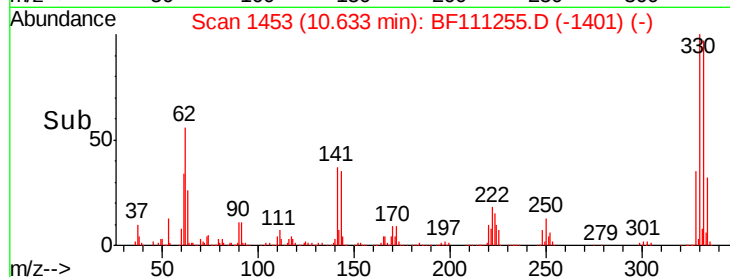
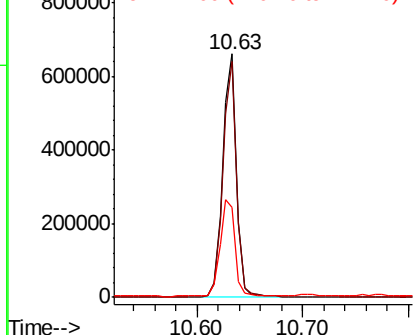
#42  
 2,4,6-Tribromophenol  
 Concen: 97.863 ng  
 RT: 10.63 min Scan# 1453  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

Tgt Ion:330 Resp: 608436  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 76.0 114.0  
 141 42.3 31.0 46.6

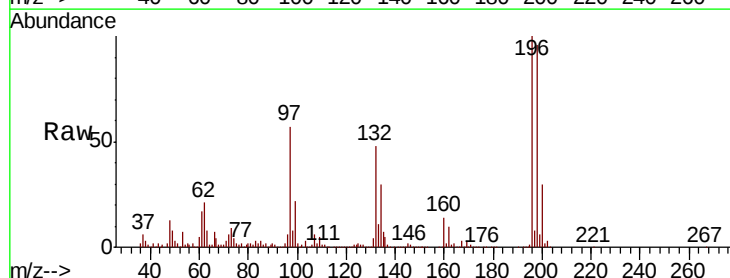


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

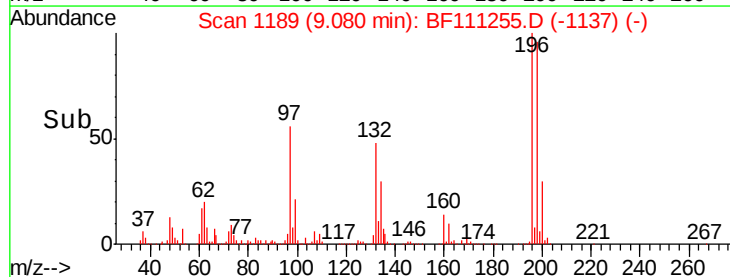
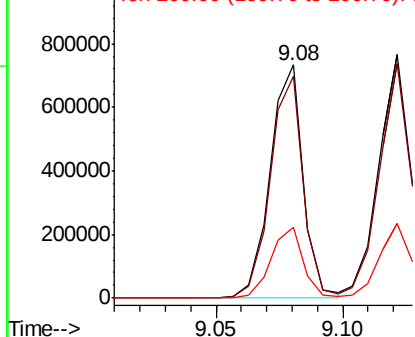


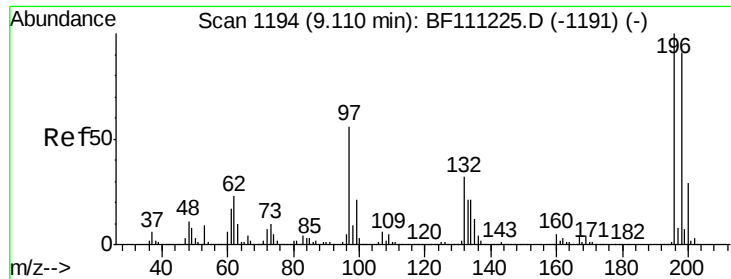
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.592 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Tgt Ion:196 Resp: 668355  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 76.3 114.5  
 200 30.4 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

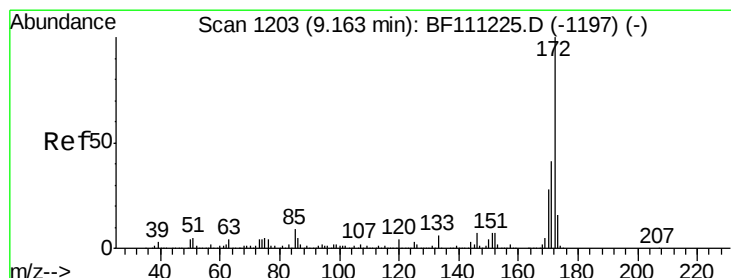
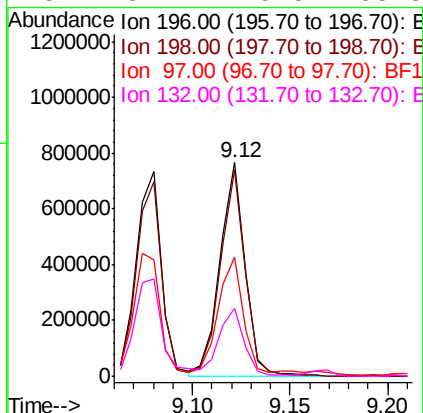
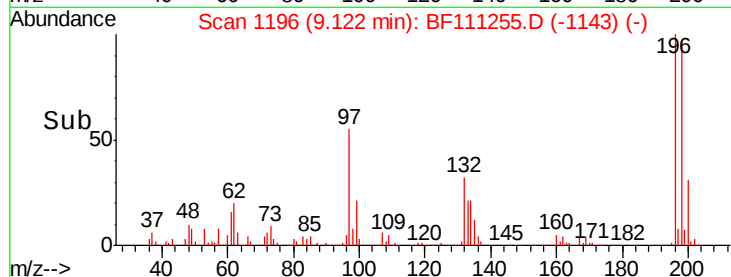
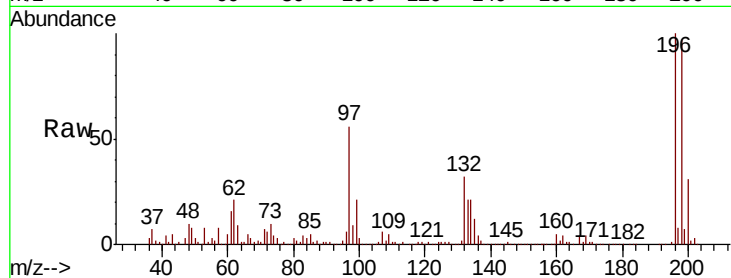




#44  
 2,4,5-Trichlorophenol  
 Concen: 44.443 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

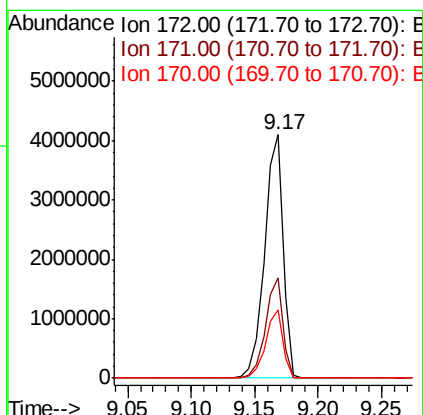
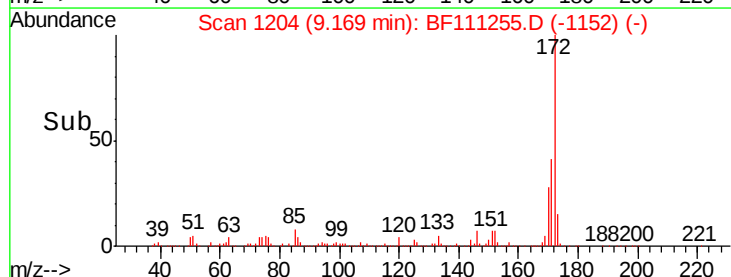
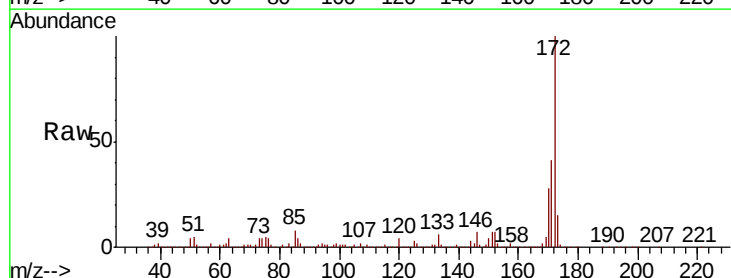
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

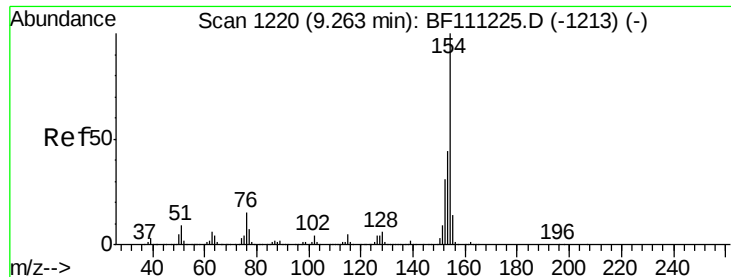
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 678701 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 96.5  | 72.9  | 109.3  |
| 97       | 55.6  | 45.3  | 67.9   |
| 132      | 31.7  | 25.5  | 38.3   |



#45  
 2-Fluorobiphenyl  
 Concen: 115.918 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 4188906 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 41.2  | 33.0  | 49.4    |
| 170      | 27.9  | 22.3  | 33.5    |

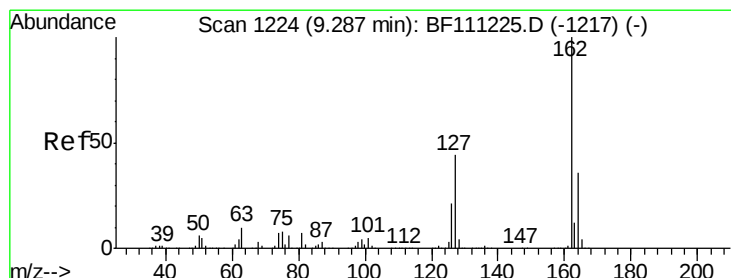
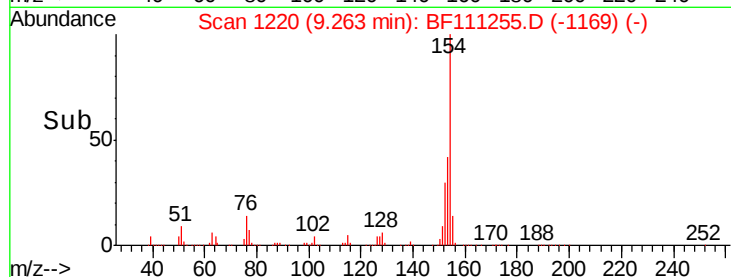
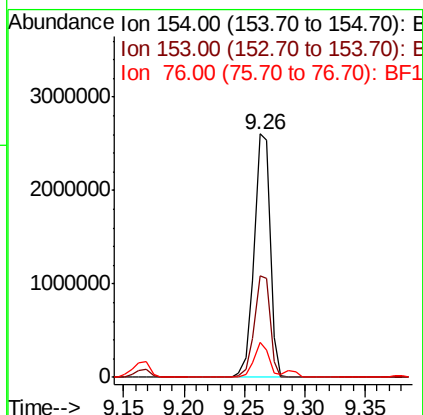
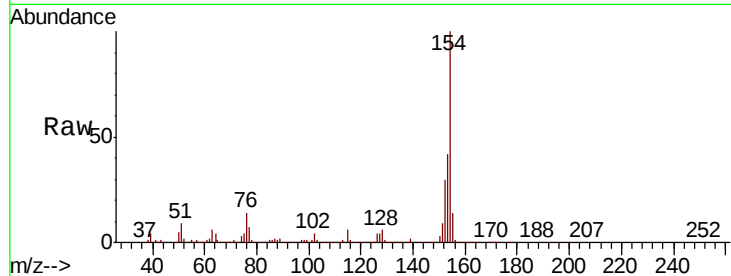




#46  
 1,1'-Biphenyl  
 Concen: 43.650 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

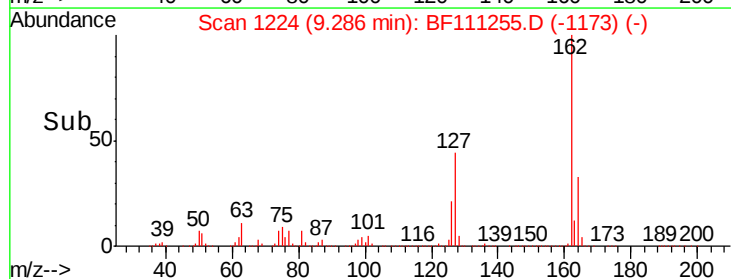
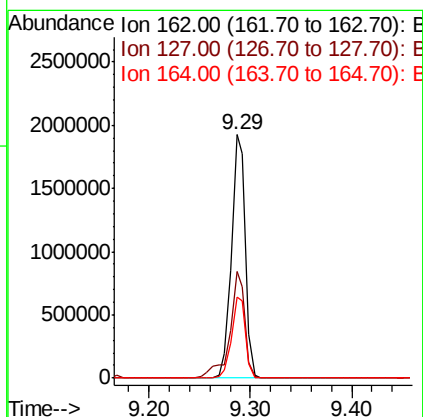
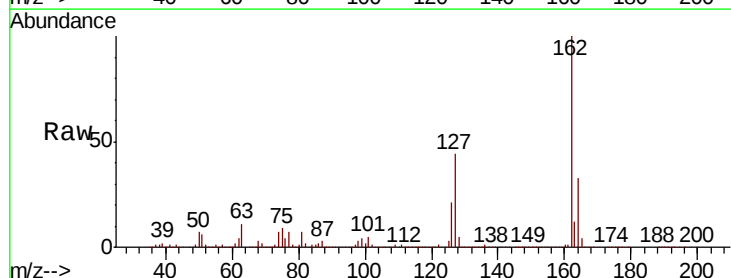
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

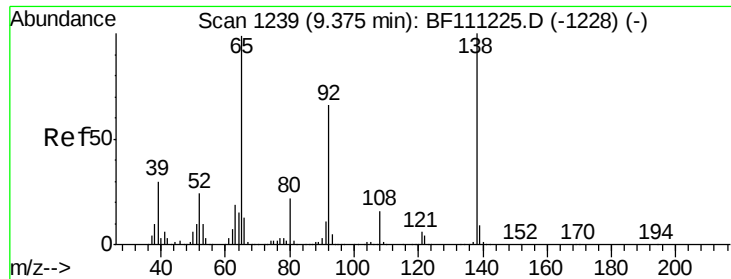
Tgt Ion:154 Resp: 2436043  
 Ion Ratio Lower Upper  
 154 100  
 153 41.7 23.7 63.7  
 76 14.3 0.0 35.0



#47  
 2-Chloronaphthalene  
 Concen: 39.784 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

Tgt Ion:162 Resp: 1827078  
 Ion Ratio Lower Upper  
 162 100  
 127 43.8 35.0 52.4  
 164 33.4 28.4 42.6

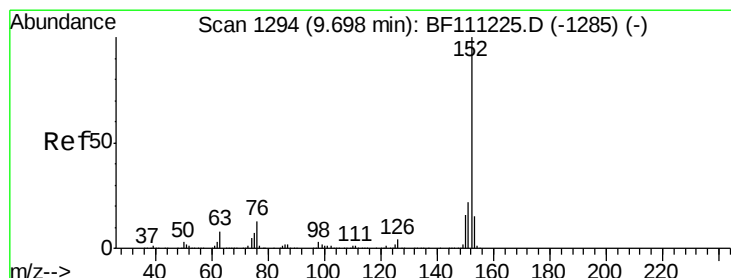
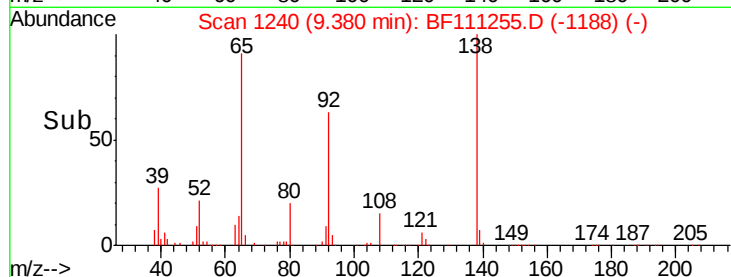
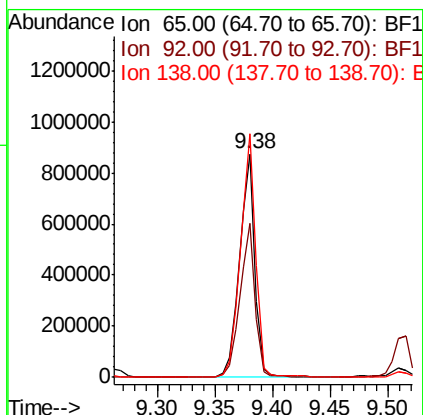
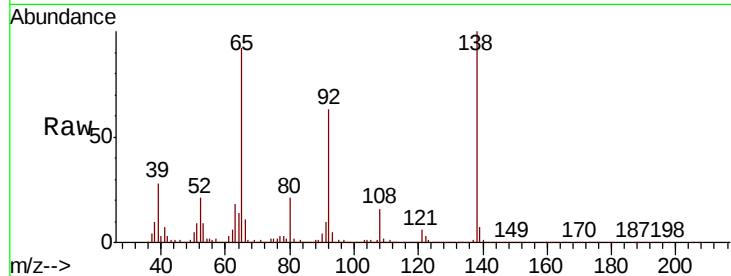




#48  
2-Nitroaniline  
Concen: 51.461 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

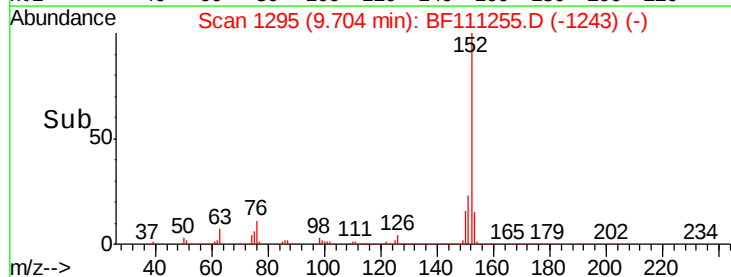
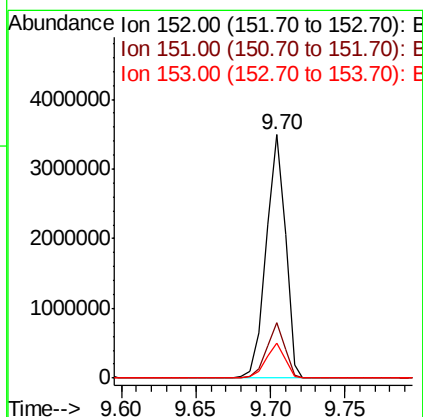
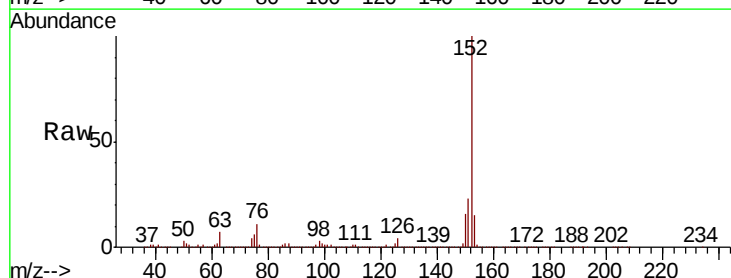
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

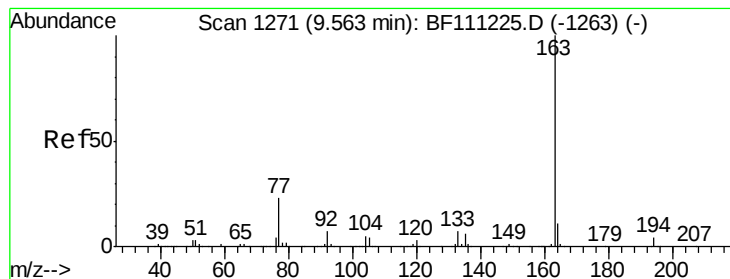
Tgt Ion: 65 Resp: 806186  
Ion Ratio Lower Upper  
65 100  
92 69.0 53.5 80.3  
138 109.0 80.9 121.3



#49  
Acenaphthylene  
Concen: 46.351 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 152 Resp: 3090206  
Ion Ratio Lower Upper  
152 100  
151 22.6 18.0 27.0  
153 14.5 12.3 18.5





#50

Dimethylphthalate

Concen: 53.814 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

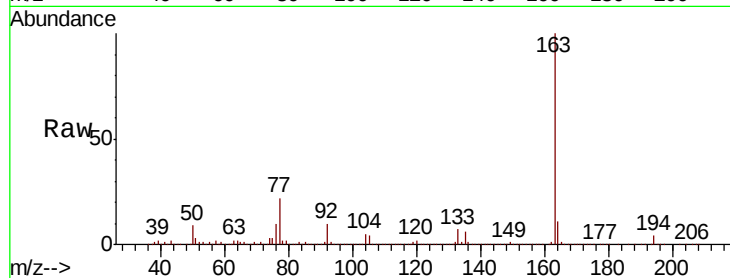
Tgt Ion:163 Resp: 2786873

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

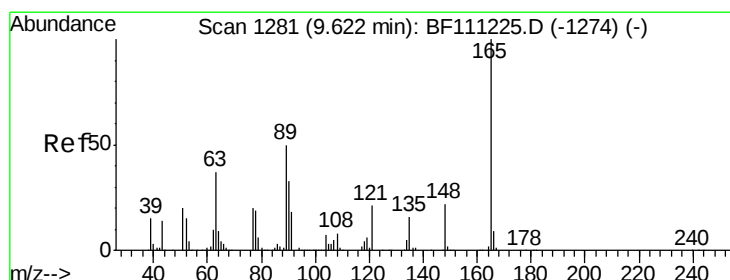
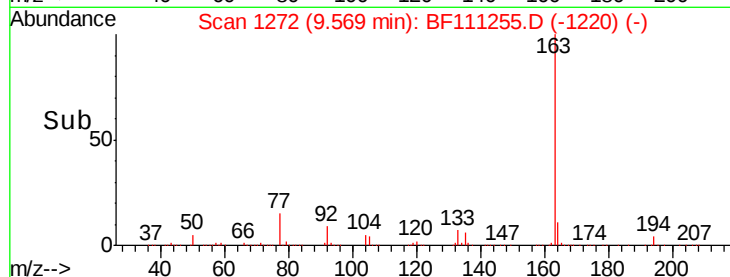
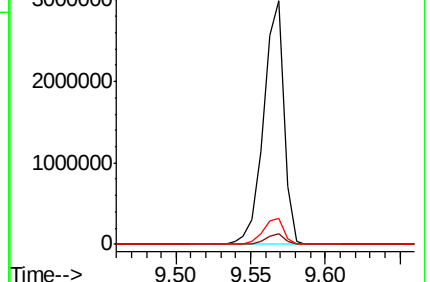
164 10.7 8.9 13.3



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: 51.406 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

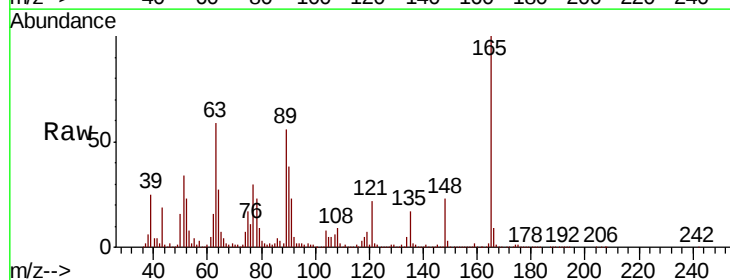
Tgt Ion:165 Resp: 587917

Ion Ratio Lower Upper

165 100

63 59.5 40.5 60.7

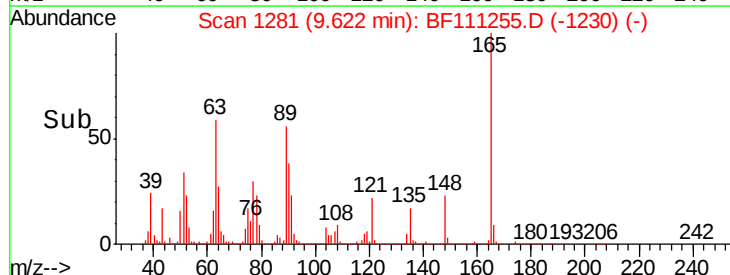
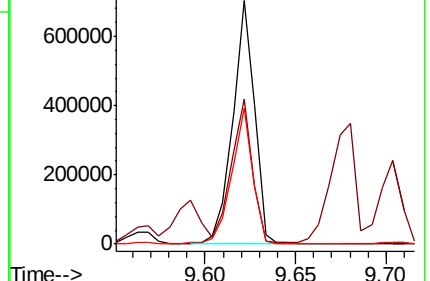
89 55.6 40.0 60.0

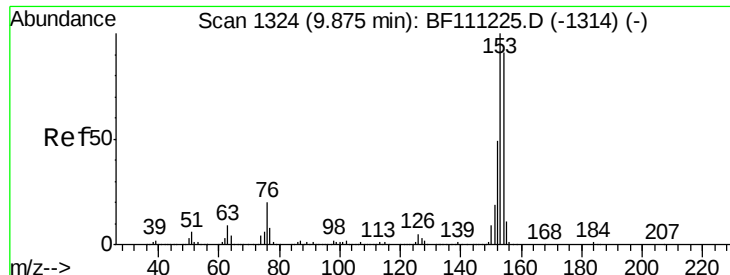


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 47.787 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

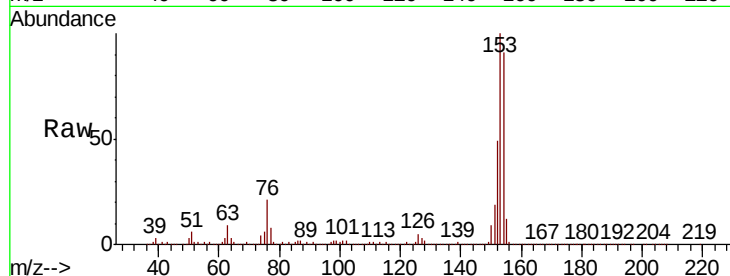
Tgt Ion:154 Resp: 1999346

Ion Ratio Lower Upper

154 100

153 109.9 87.8 131.8

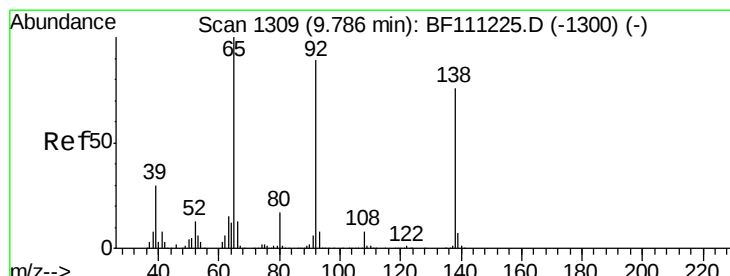
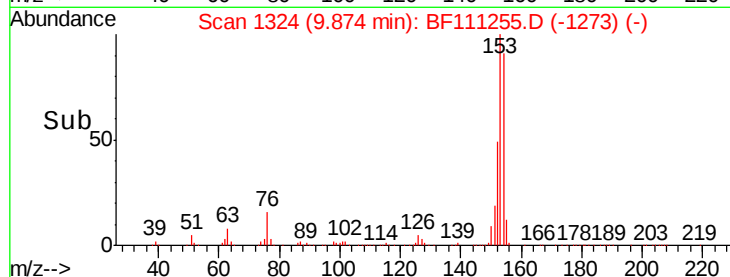
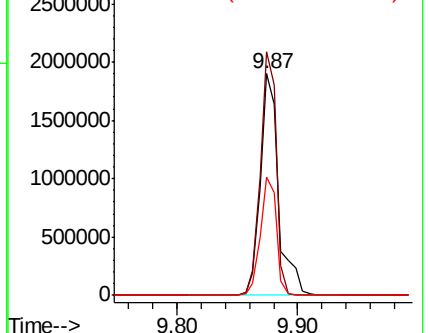
152 53.5 43.4 65.2



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: 17.826 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

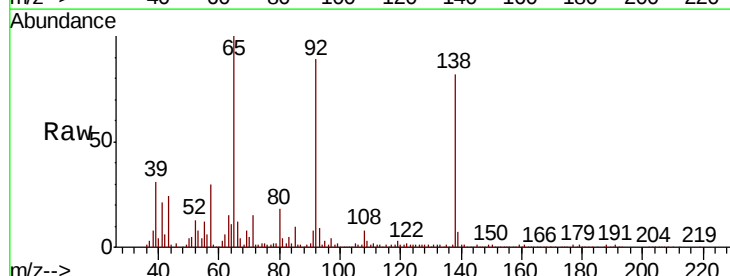
Tgt Ion:138 Resp: 251636

Ion Ratio Lower Upper

138 100

108 10.3 8.2 12.4

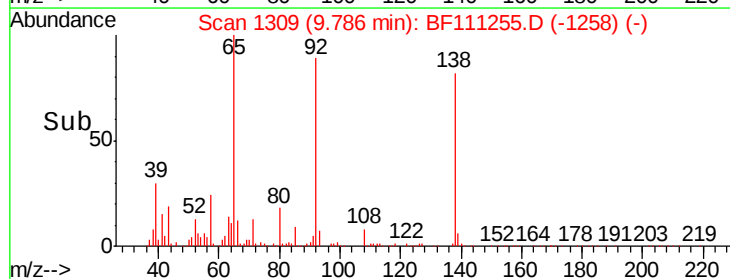
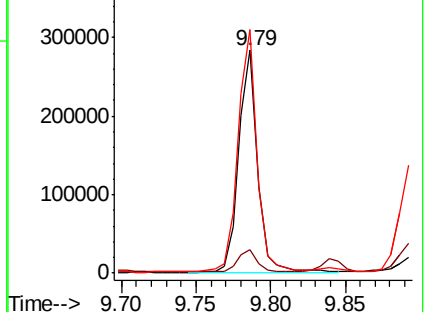
92 109.2 93.4 140.2

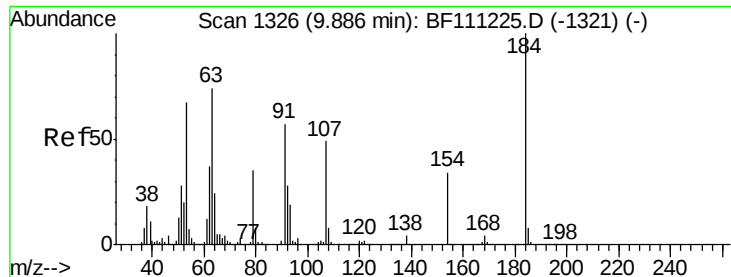


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

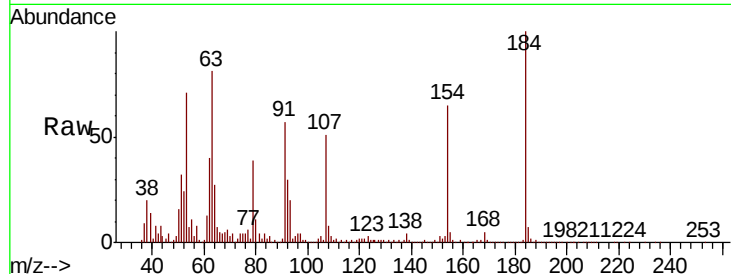




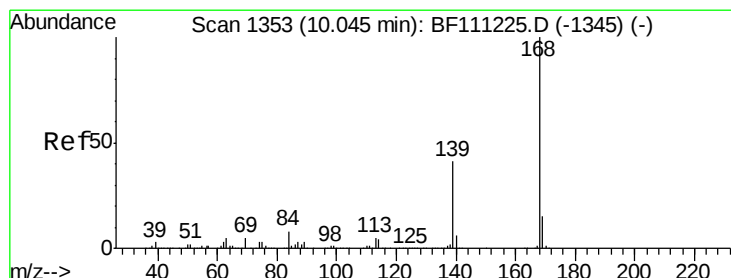
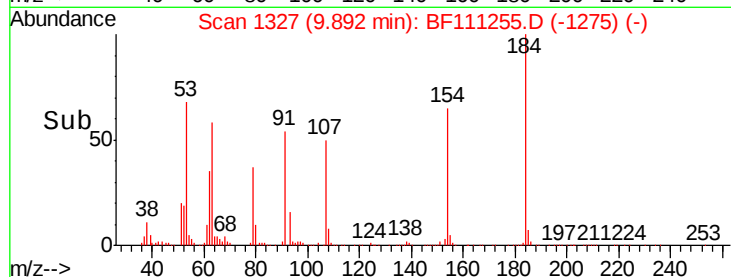
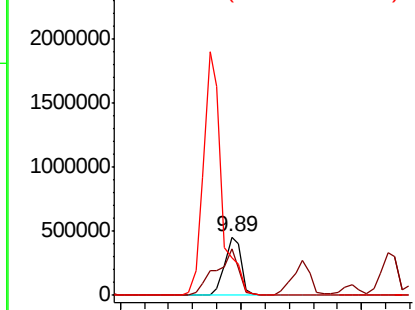
#54  
2,4-Dinitrophenol  
Concen: 96.478 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion:184 Resp: 436029  
Ion Ratio Lower Upper  
184 100  
63 80.6 62.3 93.5  
154 65.1 56.2 84.2

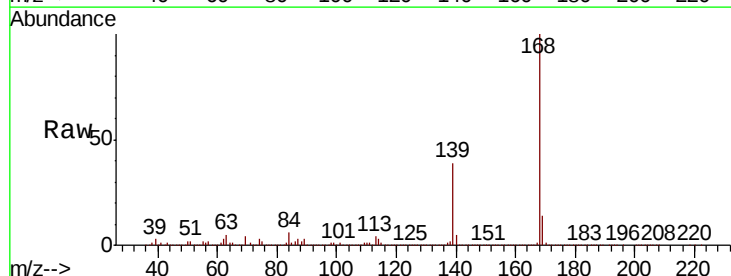


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

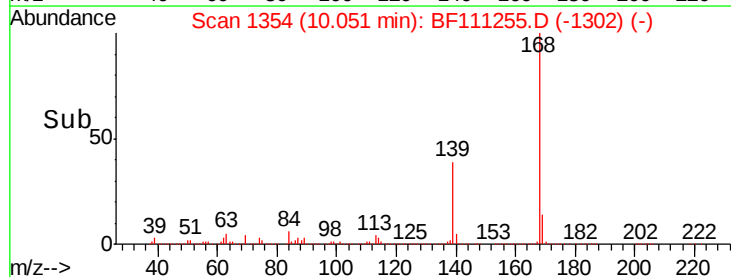
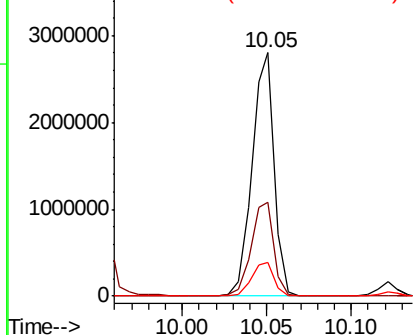


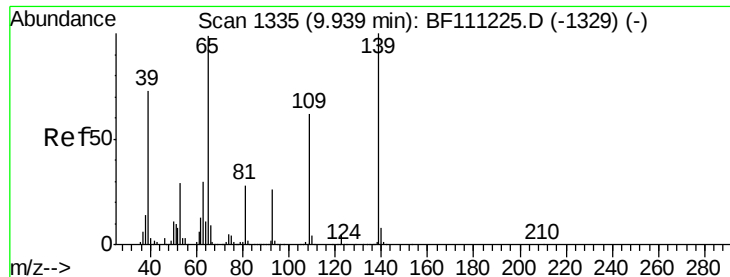
#55  
Dibenzofuran  
Concen: 44.956 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:168 Resp: 2558865  
Ion Ratio Lower Upper  
168 100  
139 38.7 32.6 49.0  
169 14.1 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: 91.591 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

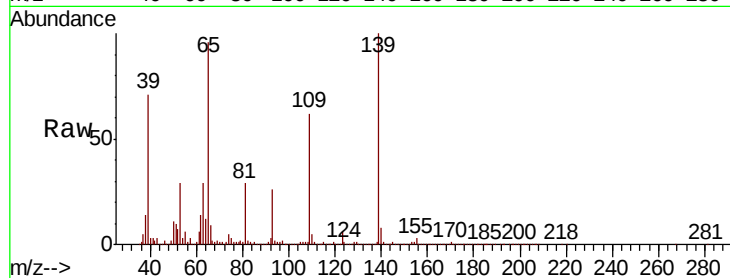
Tgt Ion:139 Resp: 1006987

Ion Ratio Lower Upper

139 100

109 62.0 41.8 81.8

65 96.0 79.6 119.6

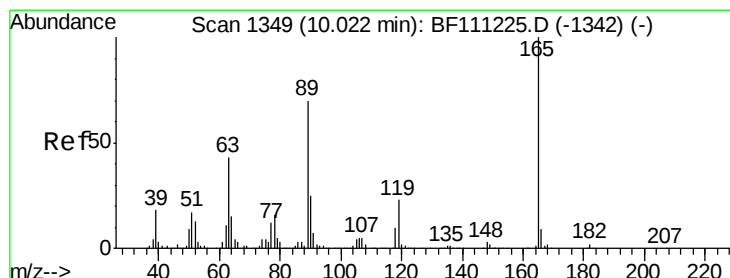
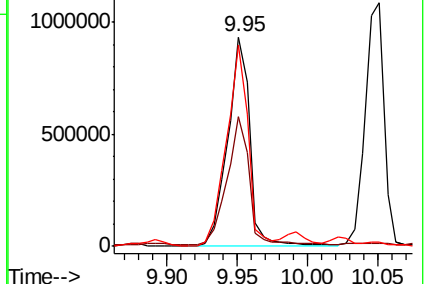
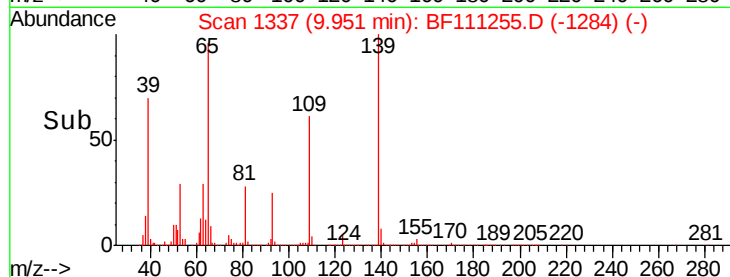


Abundance

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: 49.458 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:165 Resp: 697307

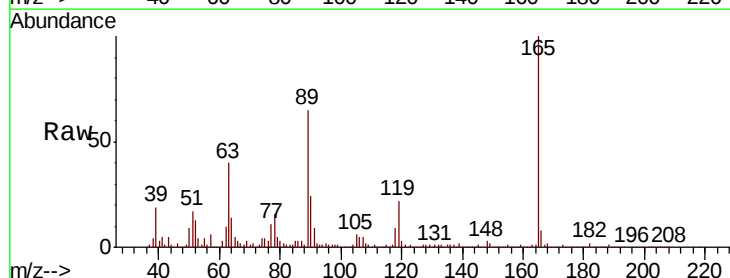
Ion Ratio Lower Upper

165 100

63 40.2 34.6 52.0

89 65.1 56.2 84.4

182 2.4 1.8 2.6



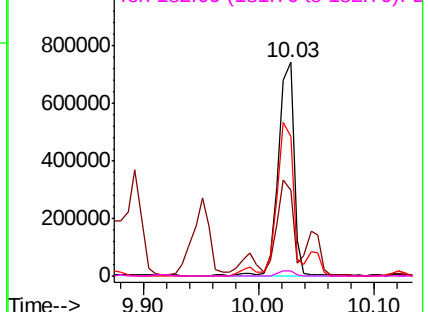
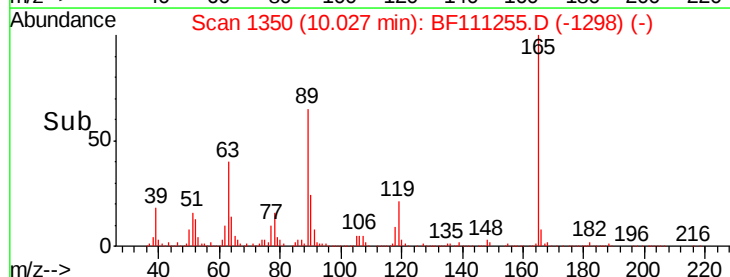
Abundance

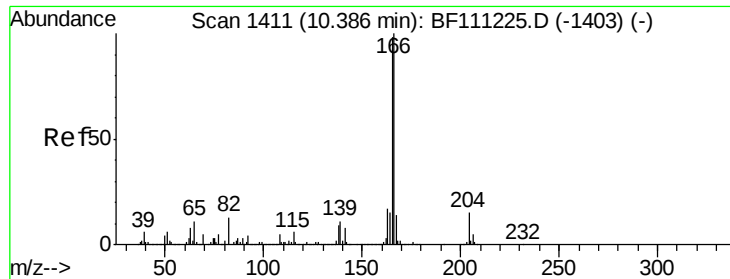
Ion 165.00 (164.70 to 165.70): E

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: 39.296 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

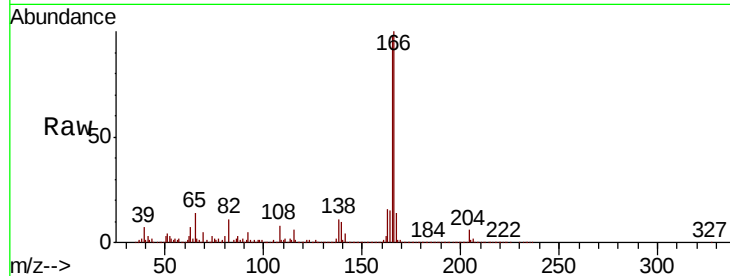
Tgt Ion:166 Resp: 1730820

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

167 13.9 11.2 16.8

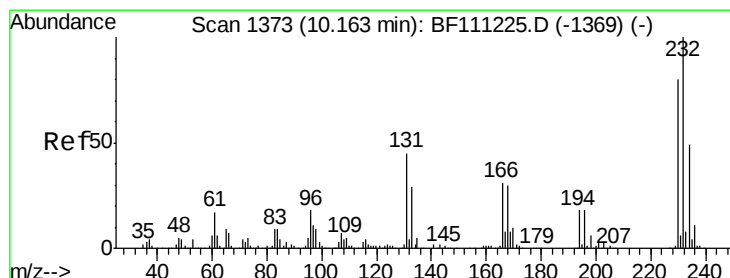
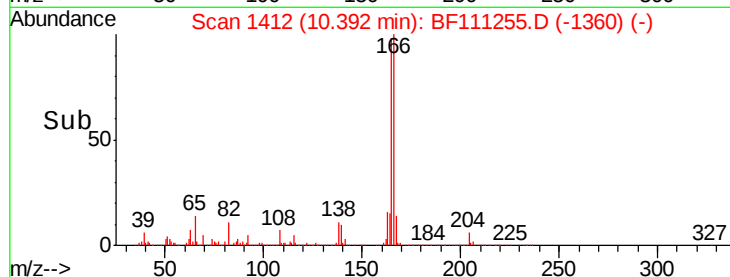
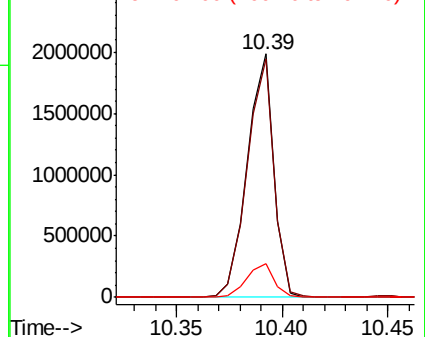


Abundance

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: 45.839 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:232 Resp: 530610

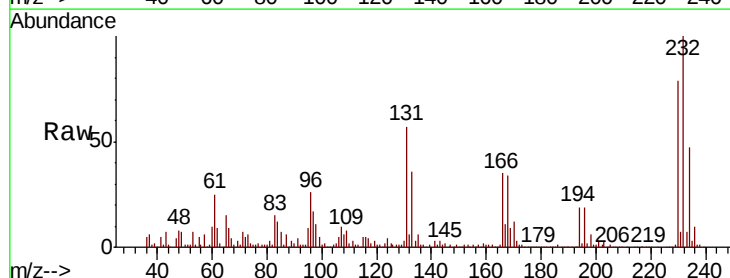
Ion Ratio Lower Upper

232 100

131 52.2 40.9 61.3

130 2.7 2.0 3.0

166 33.2 26.8 40.2



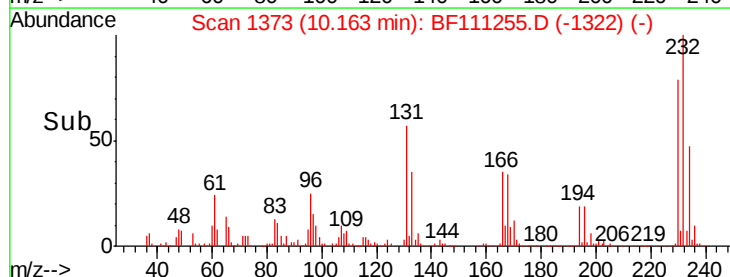
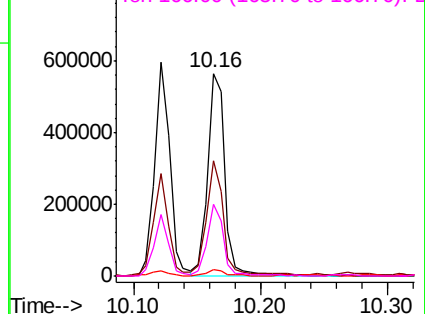
Abundance

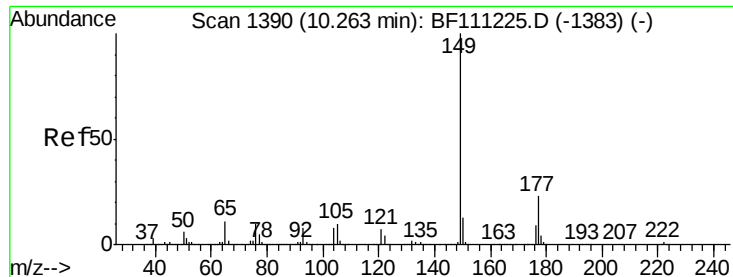
Ion 232.00 (231.70 to 232.70): E

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

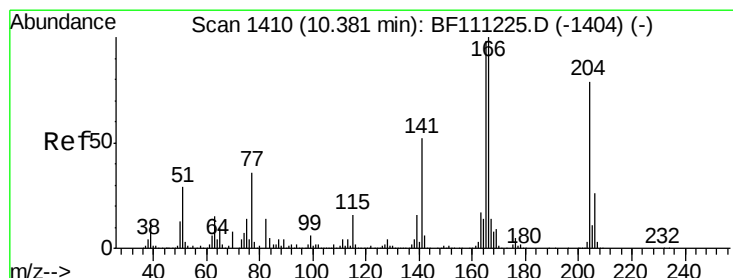
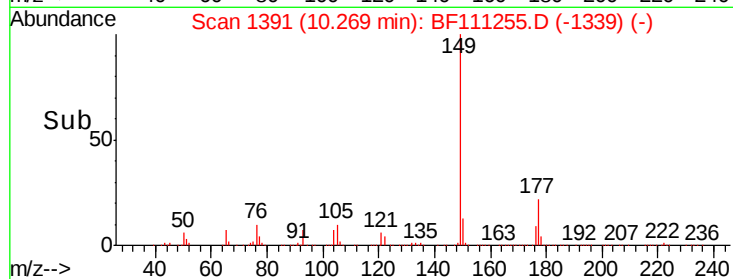
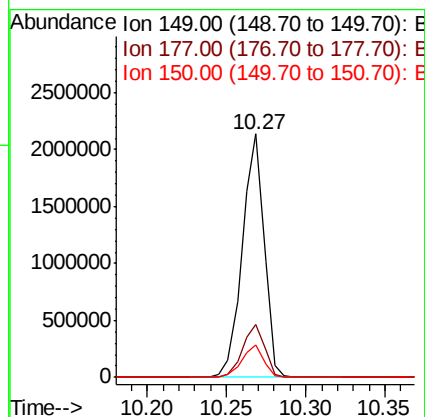
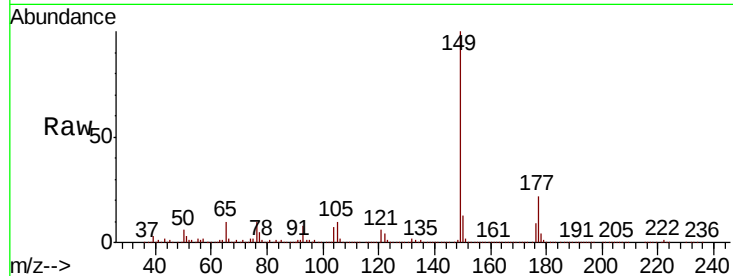




#60  
Diethylphthalate  
Concen: 41.079 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

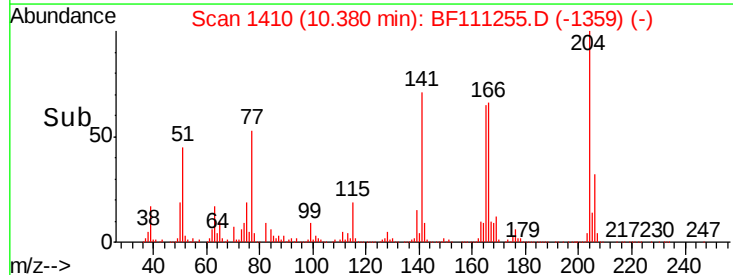
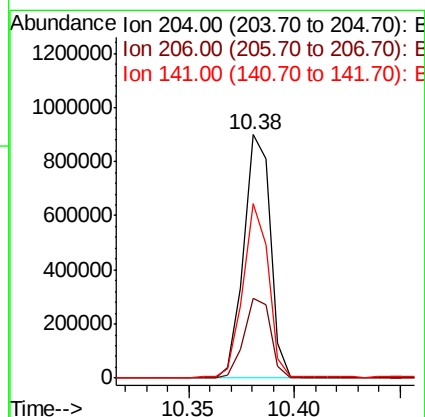
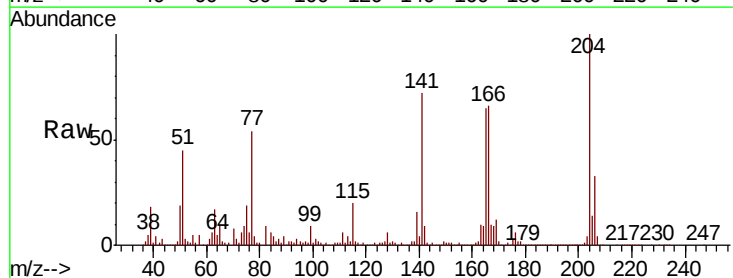
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

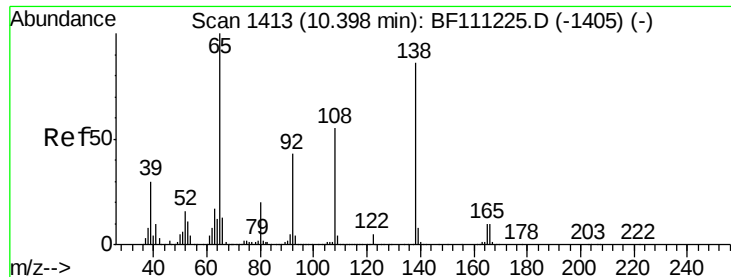
Tgt Ion:149 Resp: 2028210  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.3 27.5  
150 13.2 10.6 15.8



#61  
4-Chlorophenyl-phenylether  
Concen: 35.812 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:204 Resp: 783200  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.6 39.8  
141 71.5 52.6 78.8

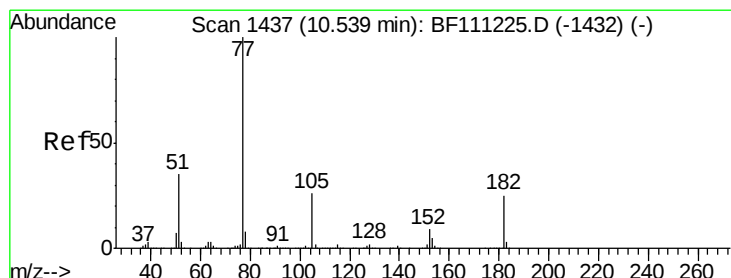
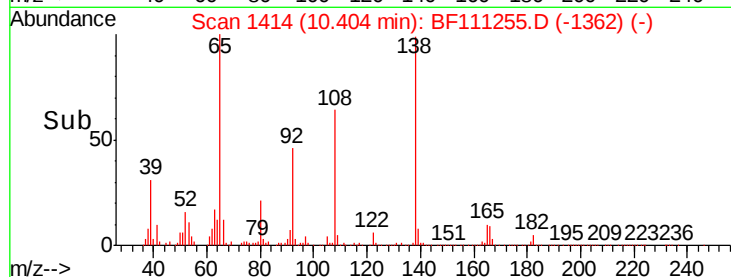
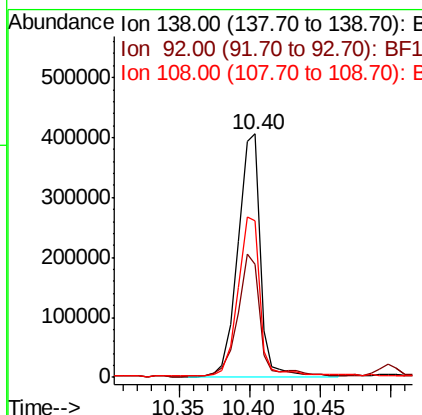
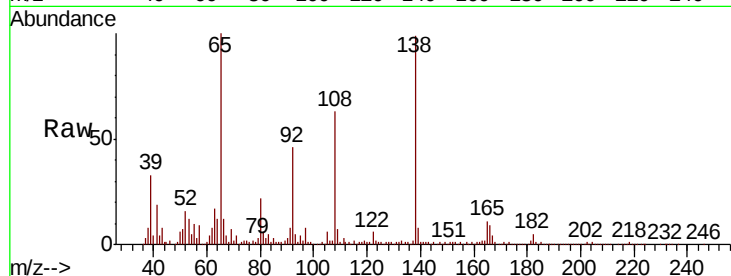




#62  
4-Nitroaniline  
Concen: 33.615 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

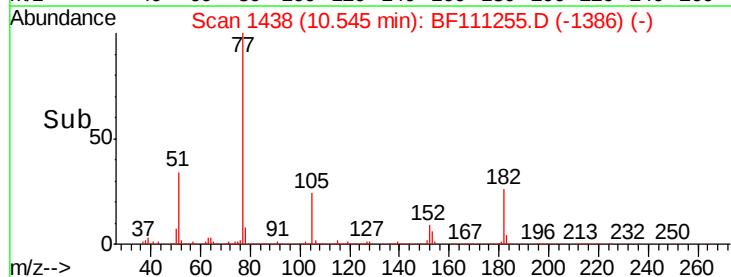
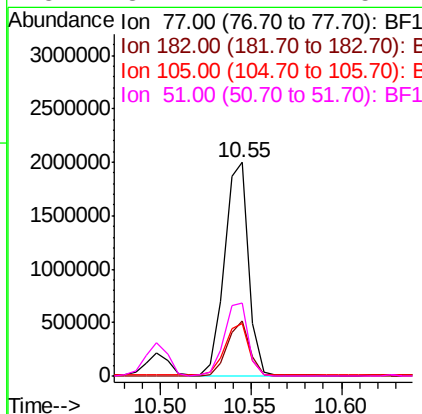
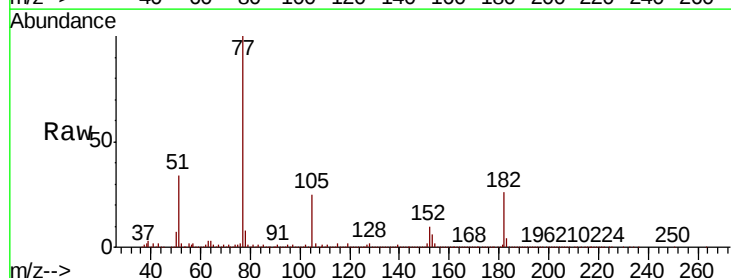
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

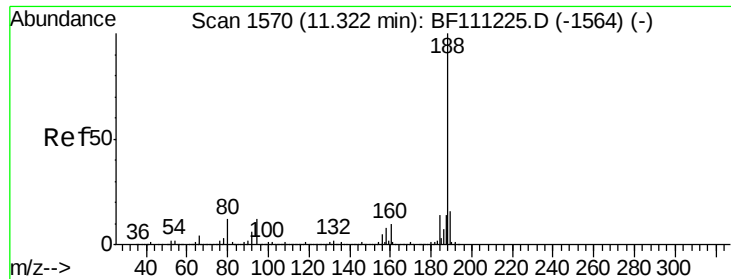
Tgt Ion:138 Resp: 449000  
Ion Ratio Lower Upper  
138 100  
92 46.2 29.9 69.9  
108 64.4 43.2 83.2



#63  
Azobenzene  
Concen: 35.693 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 77 Resp: 1829618  
Ion Ratio Lower Upper  
77 100  
182 25.8 4.9 44.9  
105 24.8 6.0 46.0  
51 34.1 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

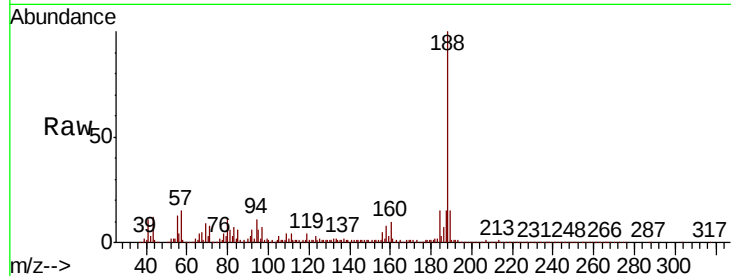
Tgt Ion:188 Resp: 928213

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

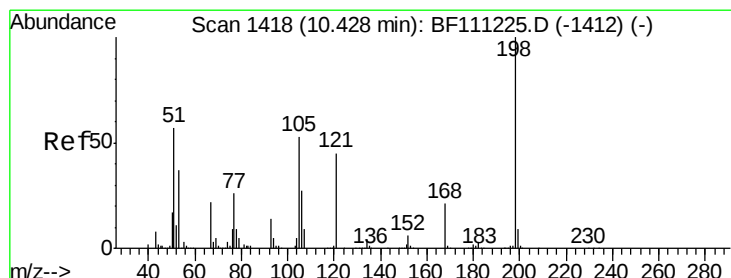
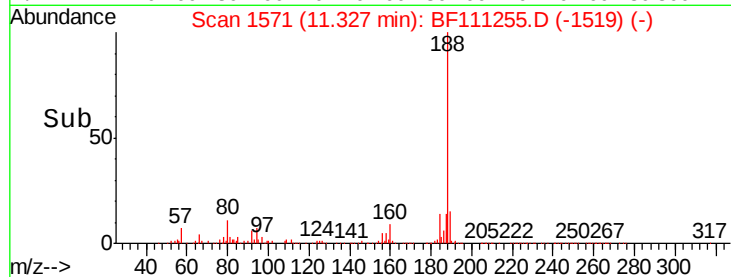
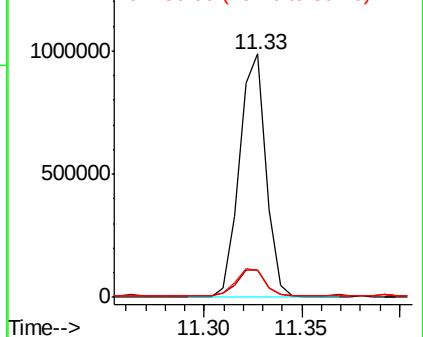
80 11.4 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 45.027 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

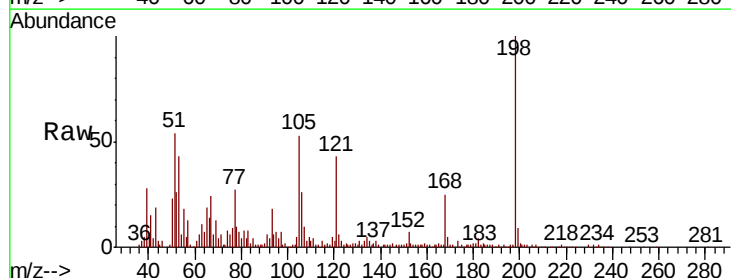
Tgt Ion:198 Resp: 247081

Ion Ratio Lower Upper

198 100

51 53.9 48.0 88.0

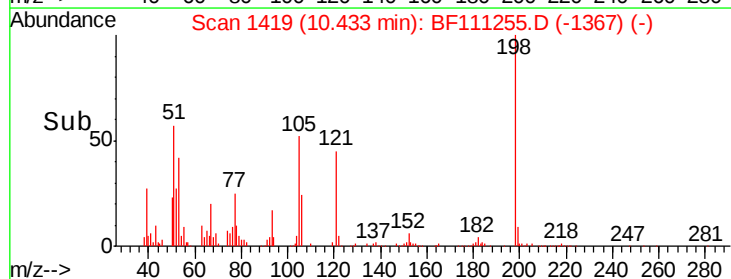
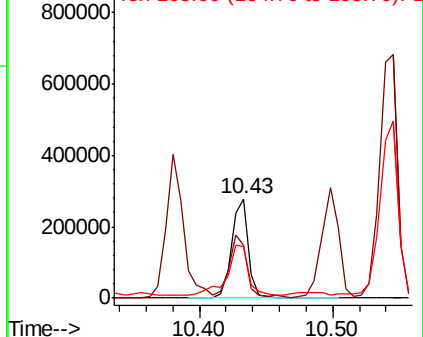
105 52.5 34.0 74.0

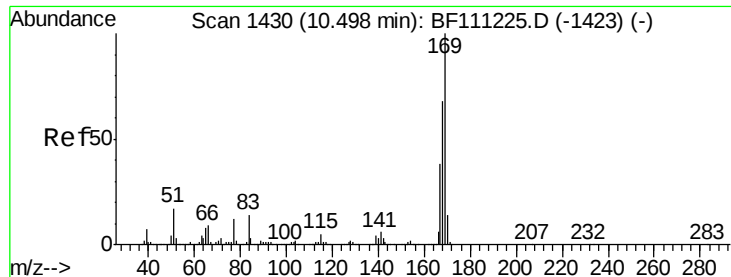


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

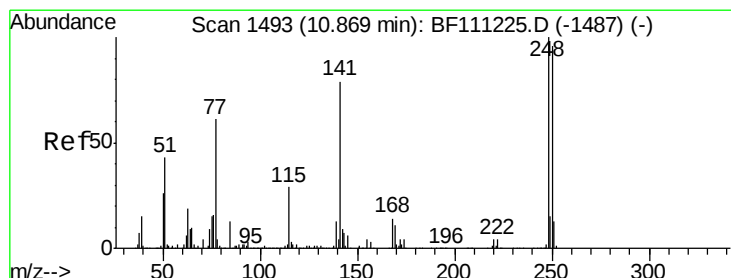
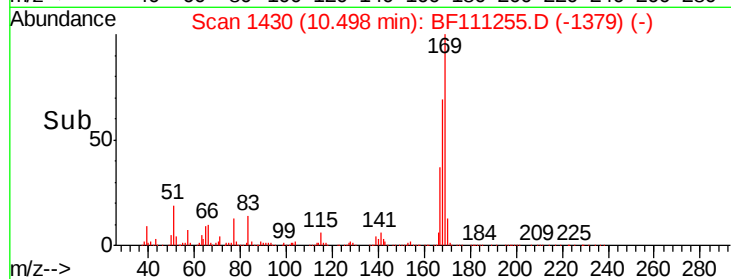
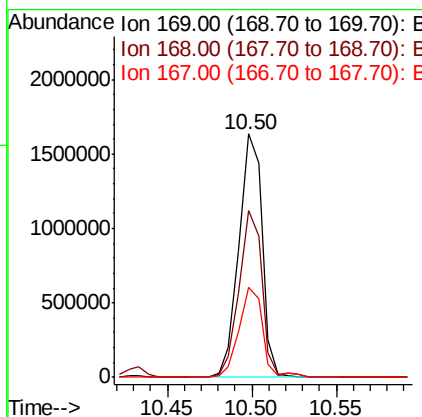
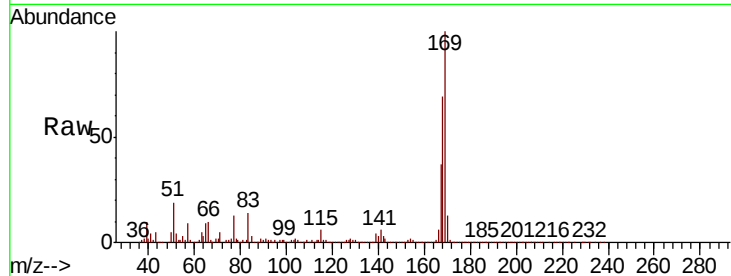




#66  
n-Nitrosodiphenylamine  
Concen: 49.628 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

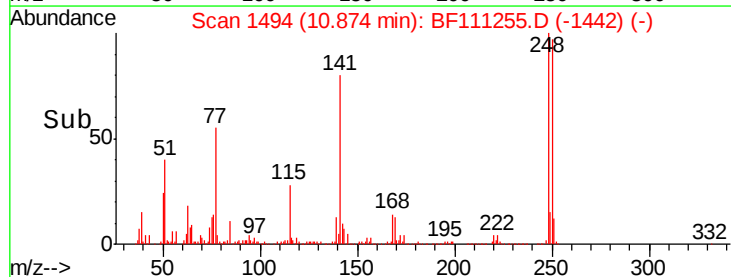
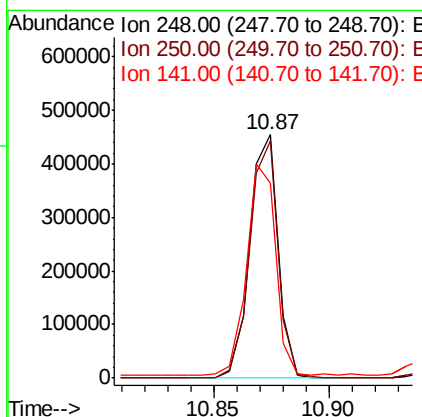
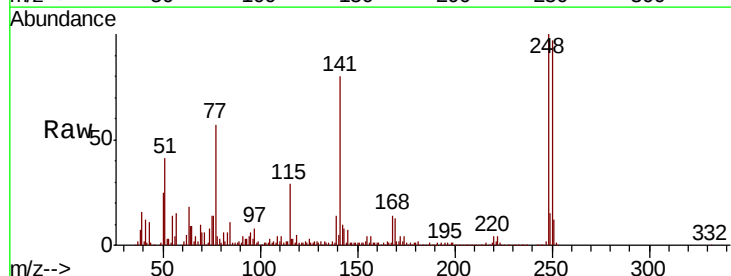
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

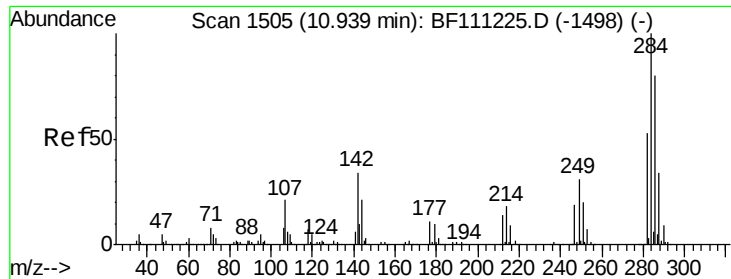
Tgt Ion:169 Resp: 1568095  
Ion Ratio Lower Upper  
169 100  
168 68.6 54.4 81.6  
167 37.0 30.5 45.7



#67  
4-Bromophenyl-phenylether  
Concen: 38.550 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:248 Resp: 391919  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.0 115.4  
141 80.1 63.0 94.6

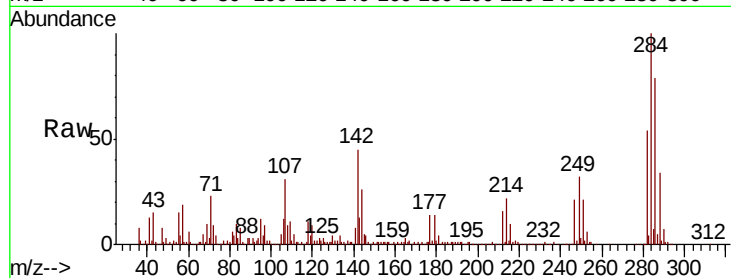




#68  
Hexachlorobenzene  
Concen: 37.939 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 45.4  | 27.4  | 41.2# |
| 249     | 32.3  | 24.4  | 36.6  |

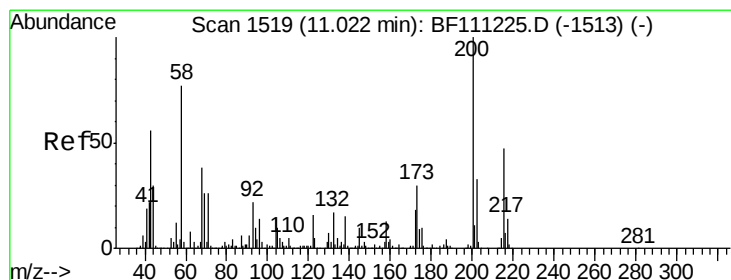
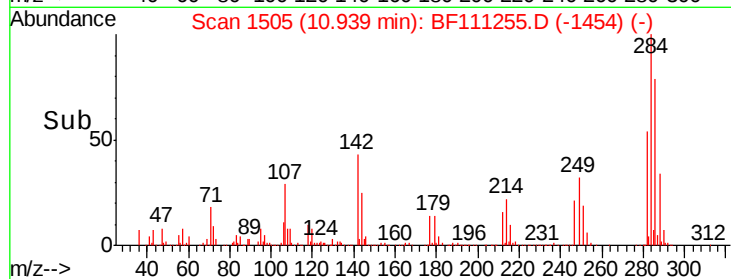
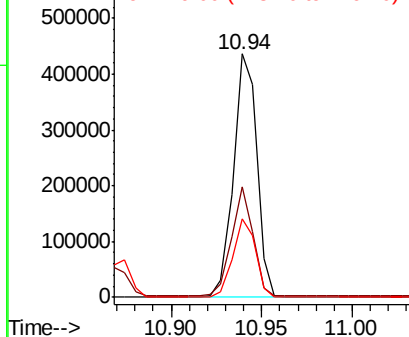


Abundance

Ion 283.80 (283.50 to 284.50): E

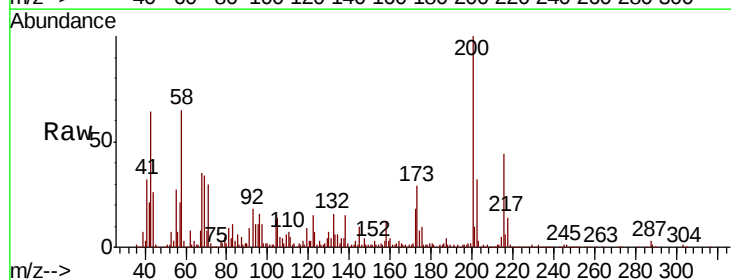
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69  
Atrazine  
Concen: 37.846 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.9  | 10.1  | 50.1  |
| 215     | 44.3  | 26.9  | 66.9  |

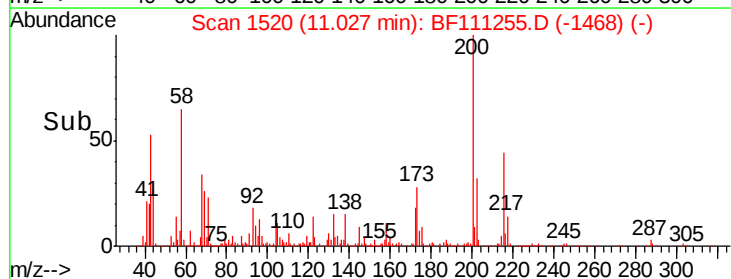
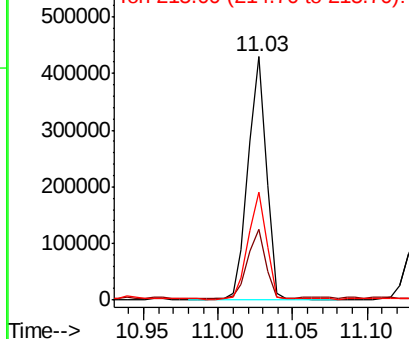


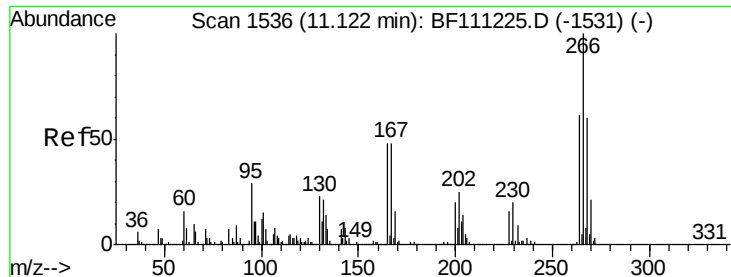
Abundance

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

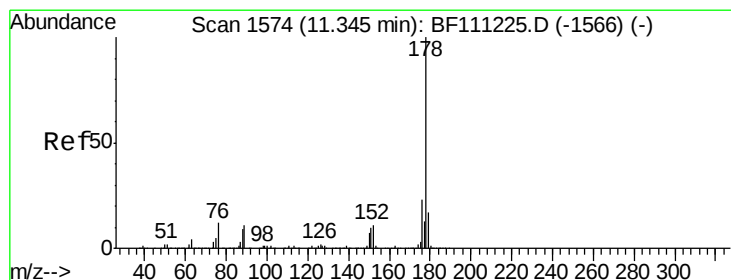
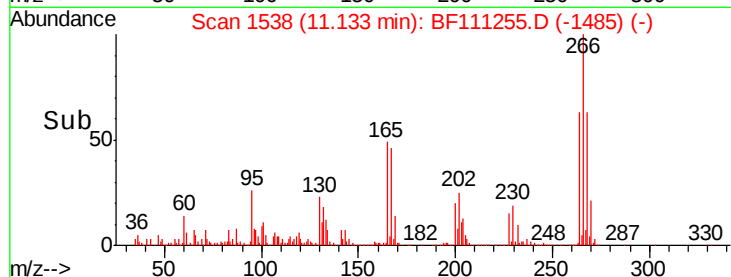
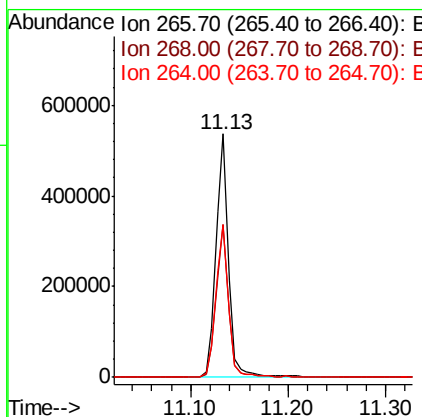
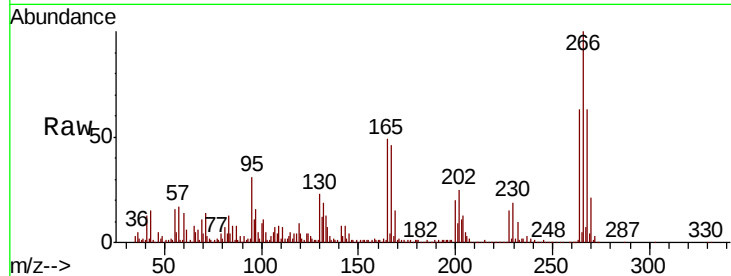




#70  
 Pentachlorophenol  
 Concen: 63.861 ng  
 RT: 11.13 min Scan# 1538  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

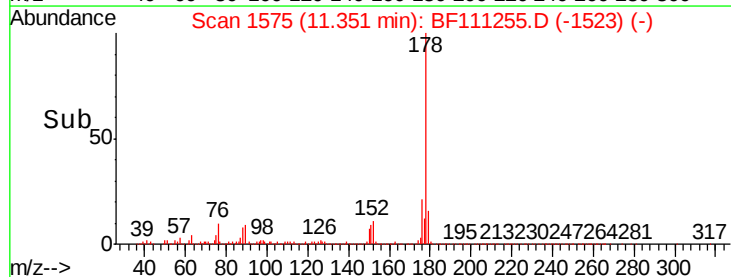
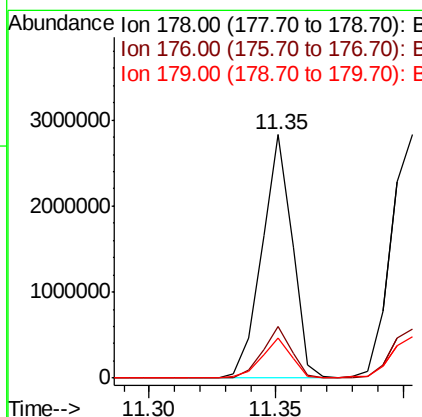
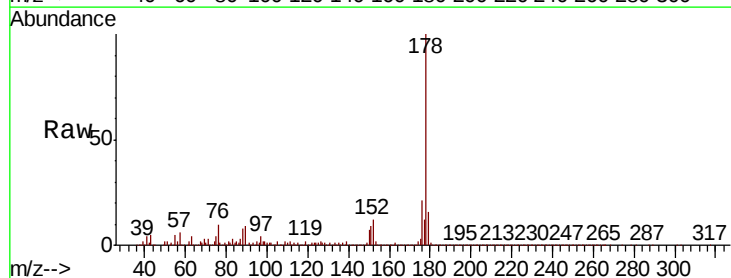
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-7-120618MSD

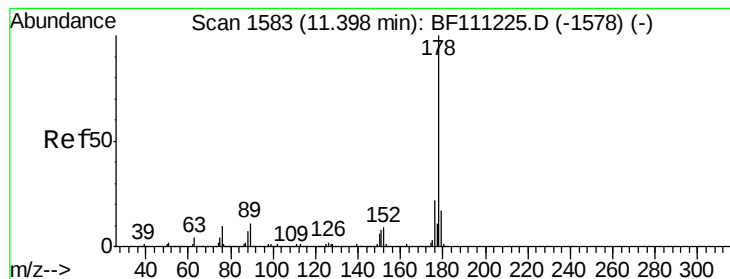
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.8  | 47.9  | 71.9  |
| 264     | 62.9  | 49.1  | 73.7  |



#71  
 Phenanthrene  
 Concen: 50.311 ng  
 RT: 11.35 min Scan# 1575  
 Delta R.T. 0.01 min  
 Lab File: BF111255.D  
 Acq: 10 Dec 2018 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.0  | 18.1  | 27.1  |
| 179     | 16.3  | 14.0  | 21.0  |





#72

Anthracene

Concen: 50.367 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

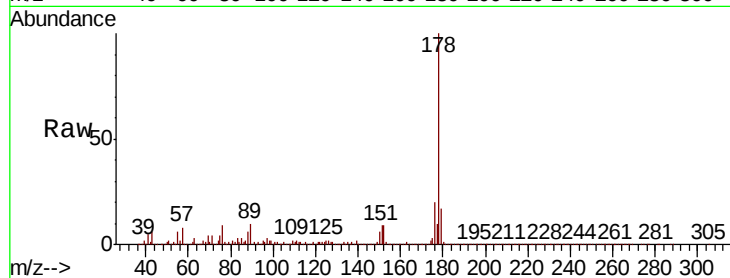
Tgt Ion:178 Resp: 2467025

Ion Ratio Lower Upper

178 100

176 20.2 17.2 25.8

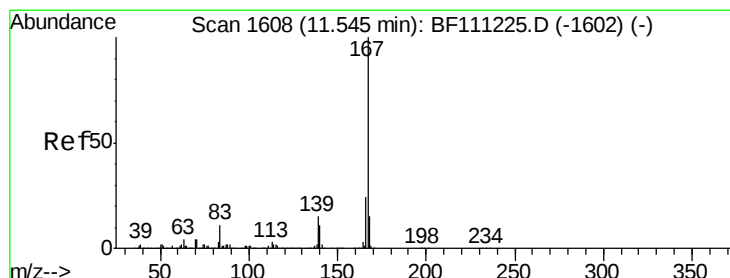
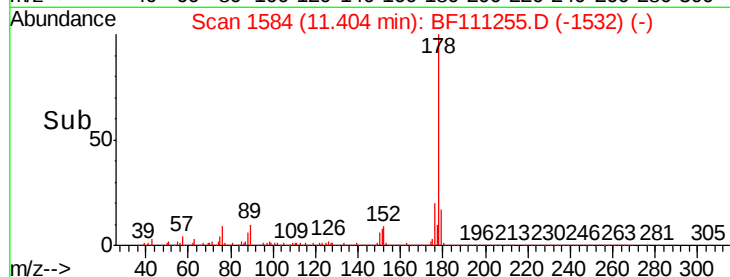
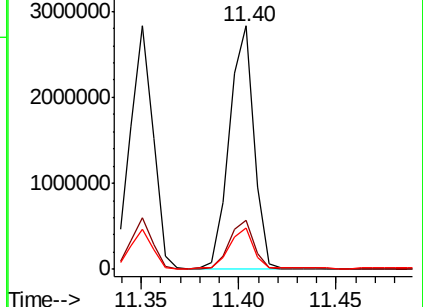
179 16.8 13.8 20.8



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: 47.096 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

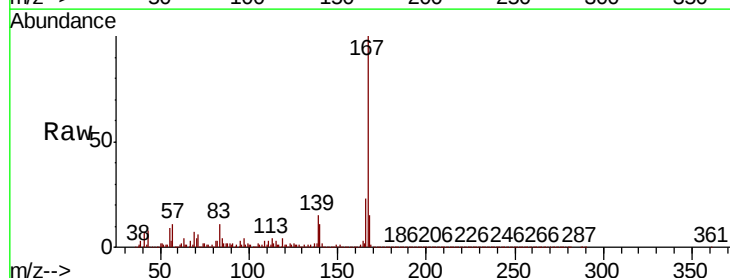
Tgt Ion:167 Resp: 2412116

Ion Ratio Lower Upper

167 100

166 22.8 19.3 28.9

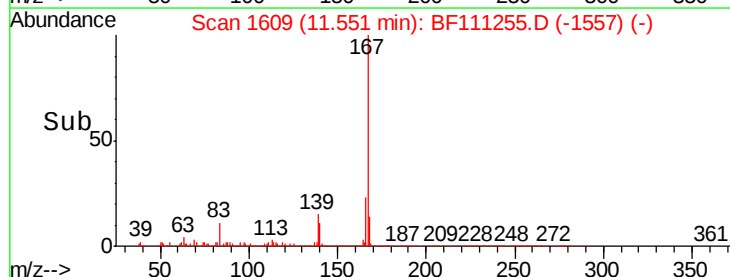
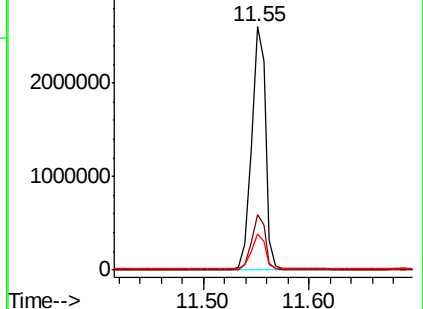
139 14.9 11.9 17.9

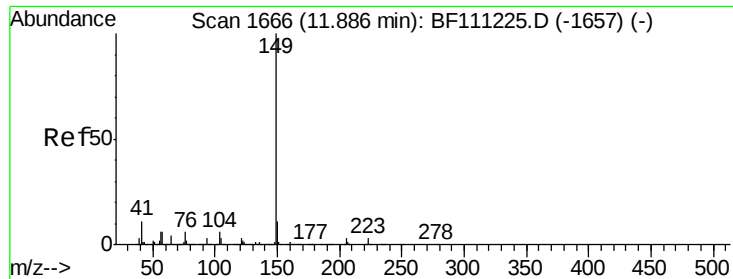


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 49.078 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

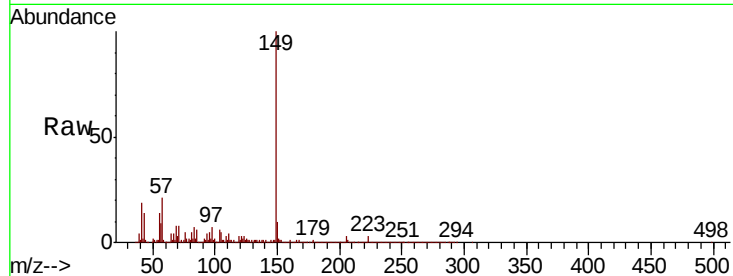
Tgt Ion:149 Resp: 2583649

Ion Ratio Lower Upper

149 100

150 10.2 8.8 13.2

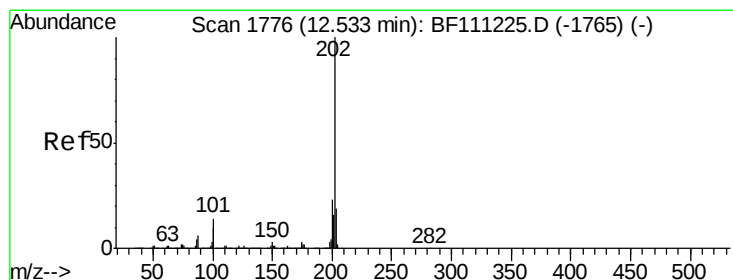
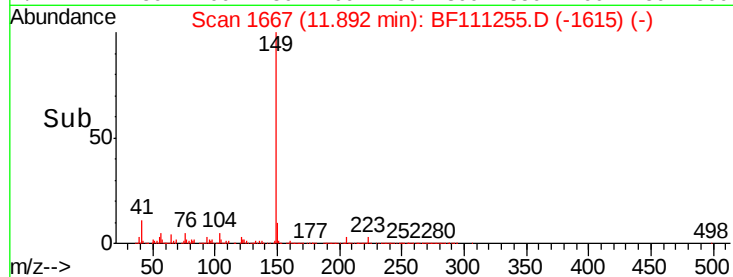
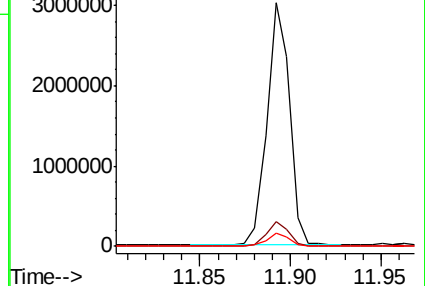
104 5.7 4.5 6.7



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: 42.978 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

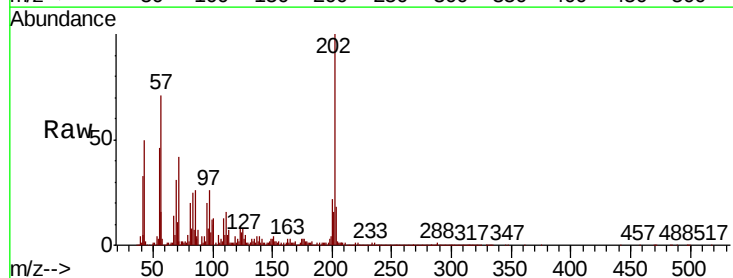
Tgt Ion:202 Resp: 1838085

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.8

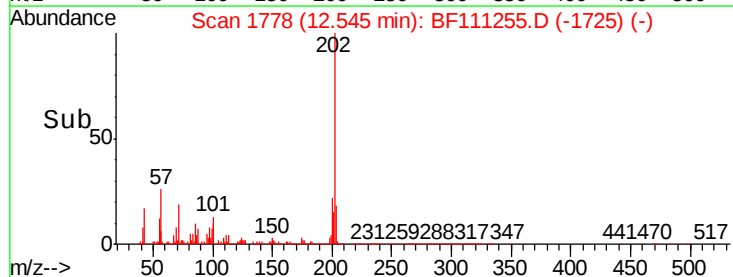
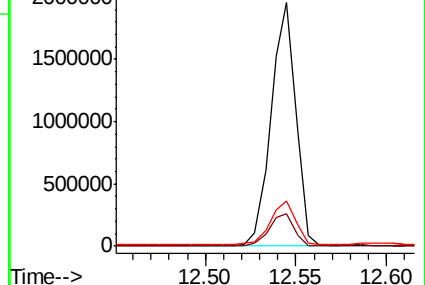
203 18.4 0.0 38.6

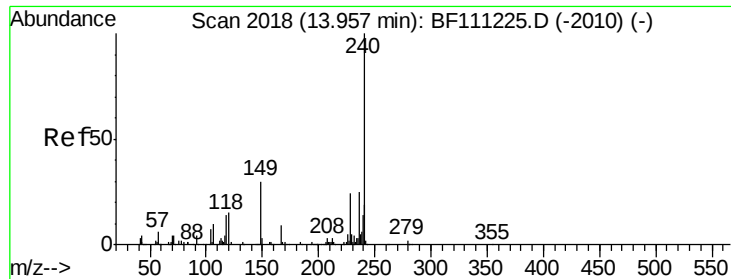


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

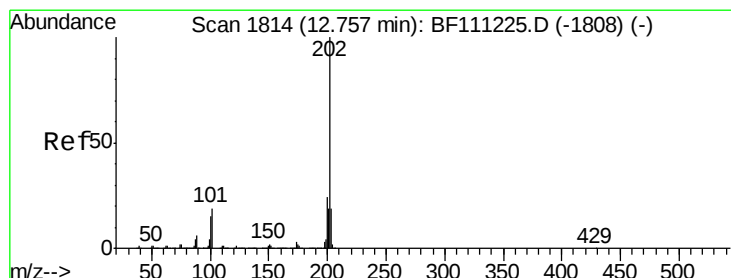
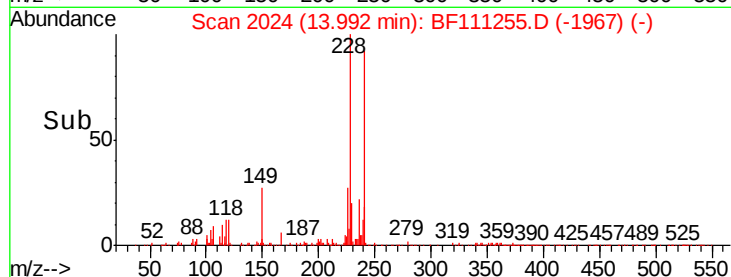
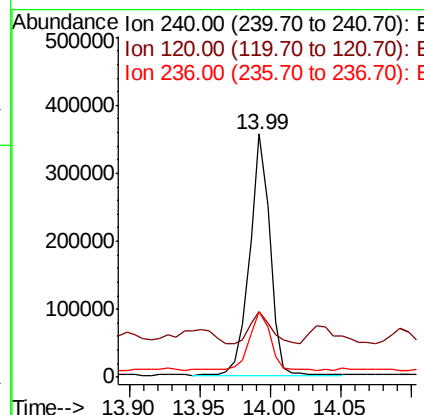
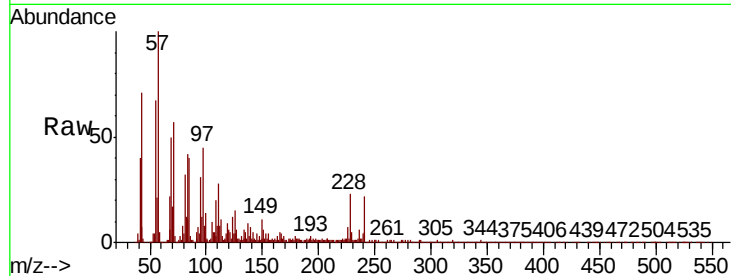




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. 0.04 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

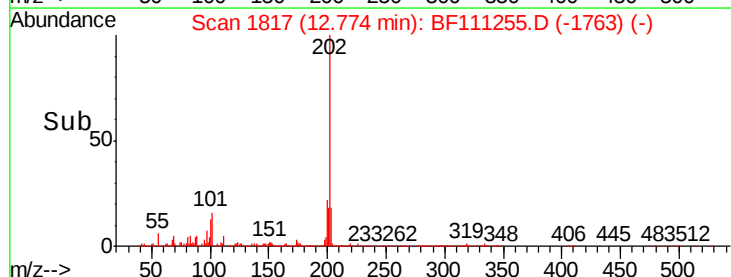
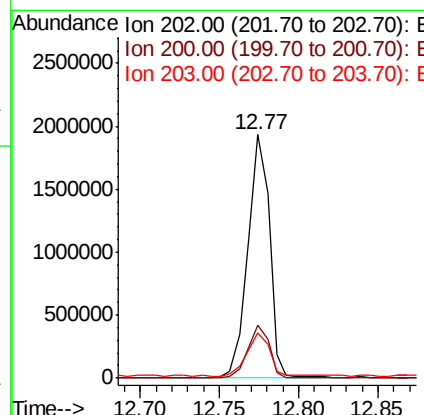
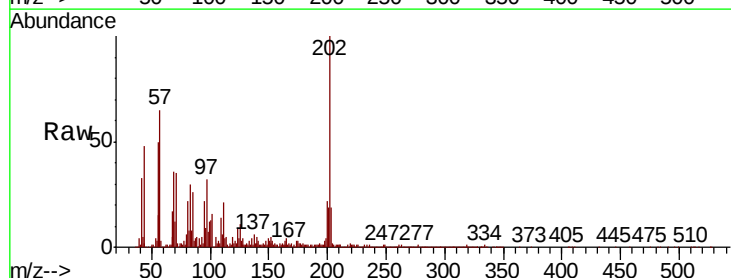
Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

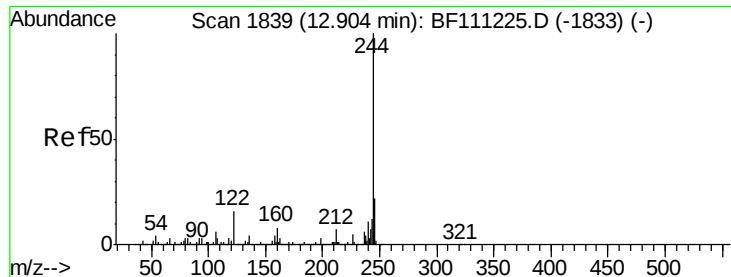
Tgt Ion:240 Resp: 354572  
Ion Ratio Lower Upper  
240 100  
120 27.1 12.2 18.2#  
236 26.9 20.2 30.2



#78  
Pyrene  
Concen: 71.262 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. 0.02 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:202 Resp: 1805635  
Ion Ratio Lower Upper  
202 100  
200 21.8 19.0 28.4  
203 18.7 15.2 22.8





#79

Terphenyl-d14

Concen: 136.857 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

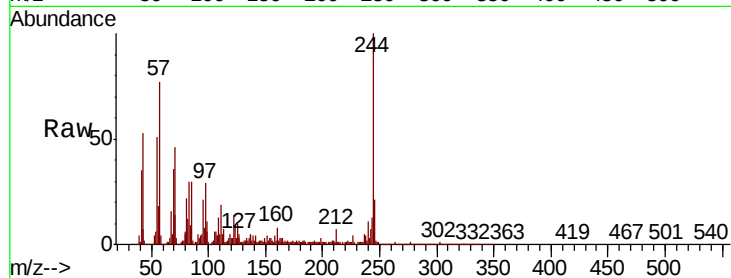
Tgt Ion:244 Resp: 2023049

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

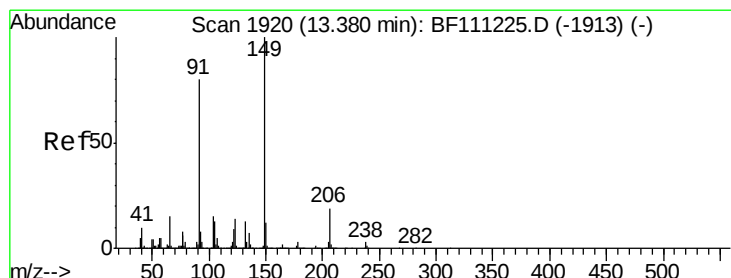
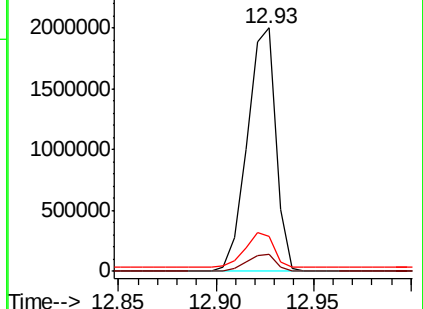
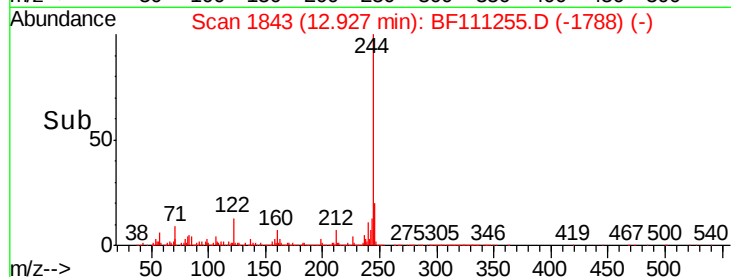
122 14.3 13.1 19.7



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: 49.697 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

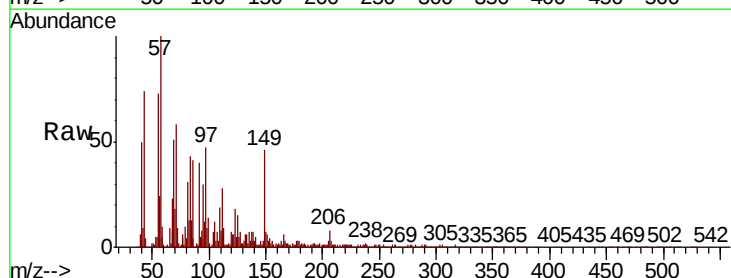
Tgt Ion:149 Resp: 657719

Ion Ratio Lower Upper

149 100

91 86.0 63.8 95.6

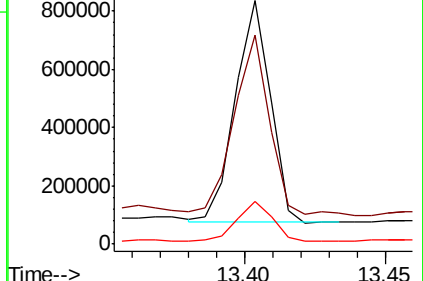
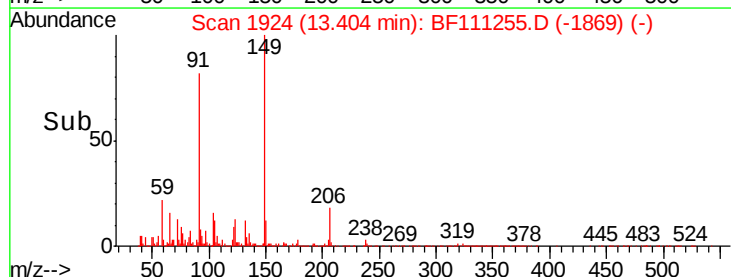
206 17.8 15.1 22.7

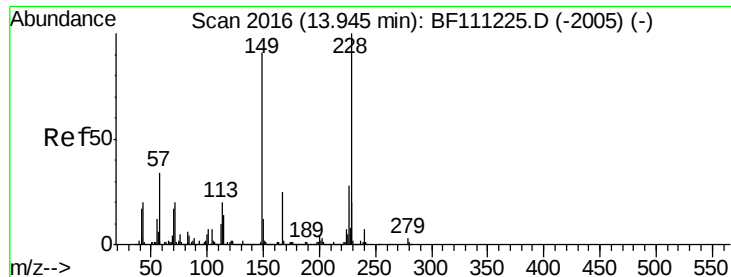


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

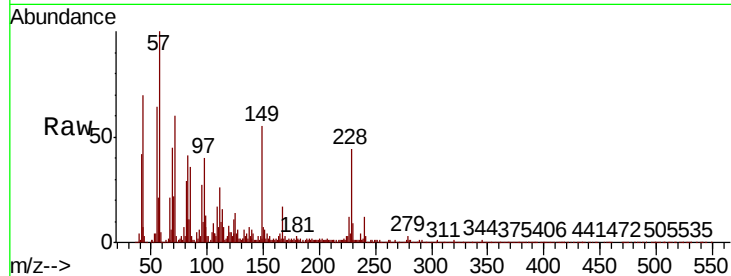




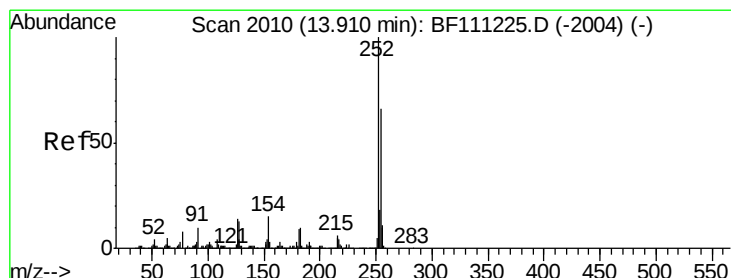
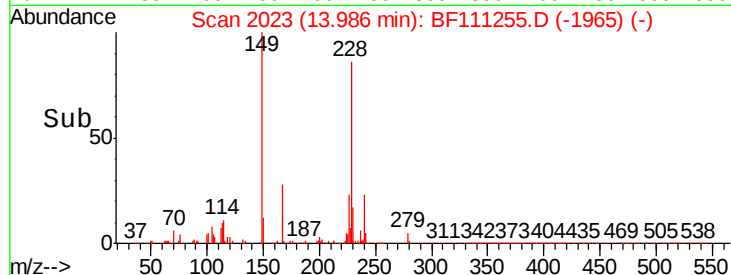
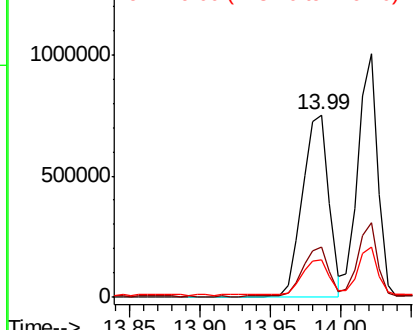
#81  
Benzo(a)anthracene  
Concen: 48.725 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. 0.04 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion:228 Resp: 963839  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.6 34.0  
229 20.8 16.3 24.5

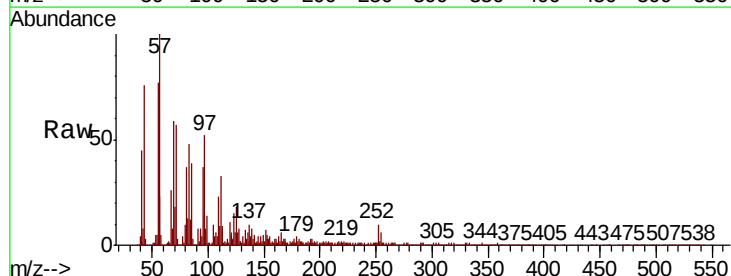


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

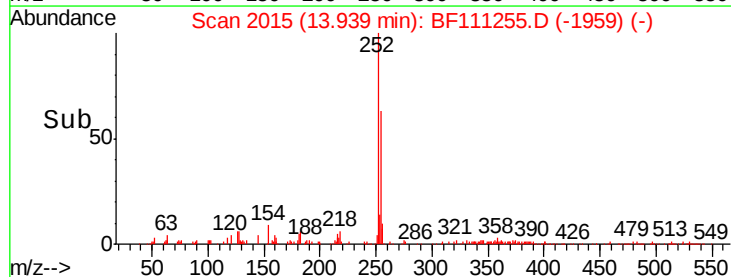
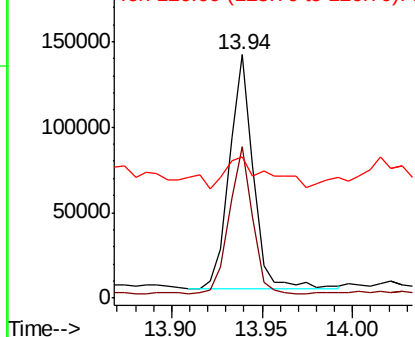


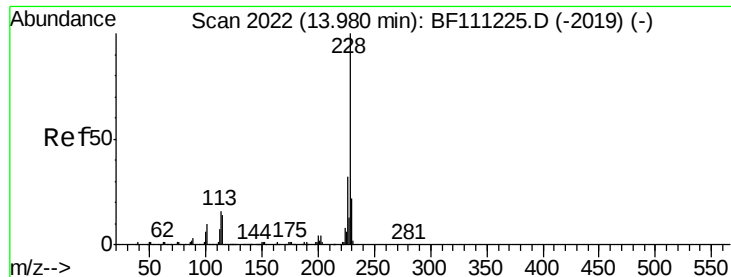
#82  
3,3'-Dichlorobenzidine  
Concen: 15.619 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. 0.03 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion:252 Resp: 126634  
Ion Ratio Lower Upper  
252 100  
254 62.1 52.7 79.1  
126 57.8 11.1 16.7#



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





#83

Chrysene

Concen: 47.588 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

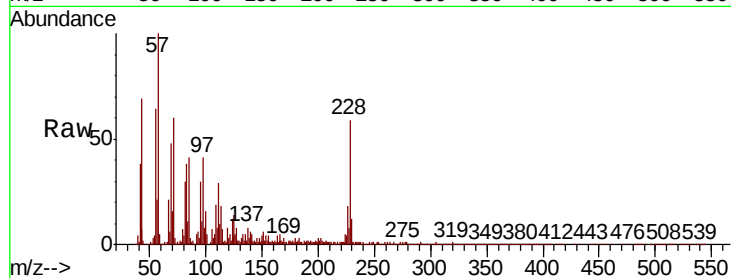
Tgt Ion:228 Resp: 970464

Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

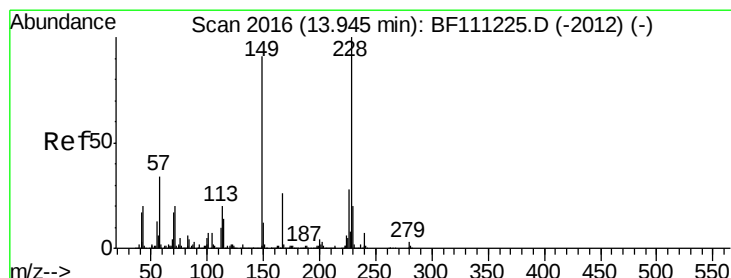
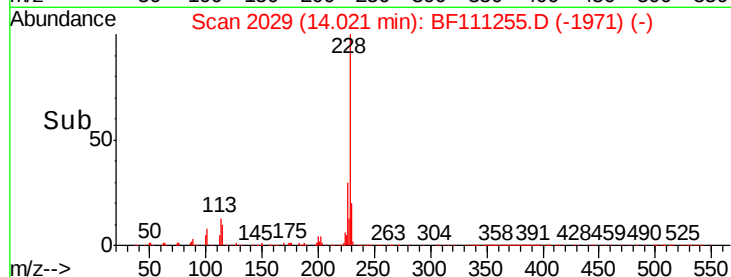
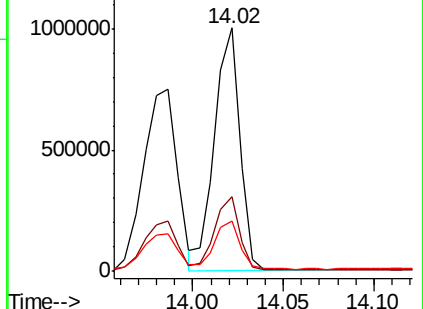
229 20.7 17.2 25.8



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: 94.880 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

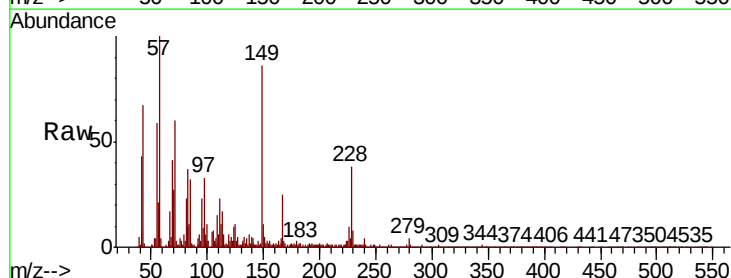
Tgt Ion:149 Resp: 1492089

Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

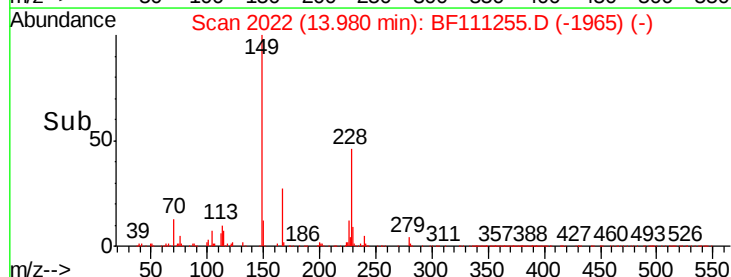
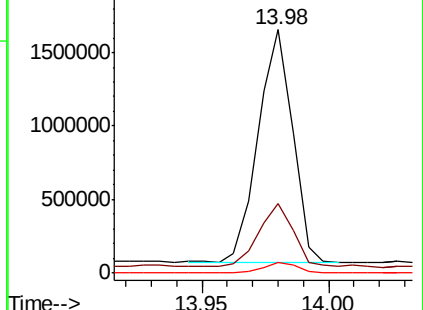
279 4.1 2.6 4.0#

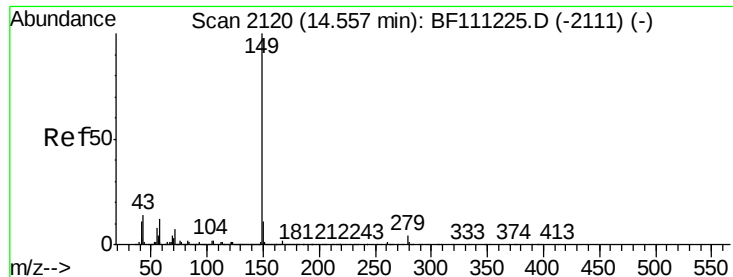


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.936 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.03 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

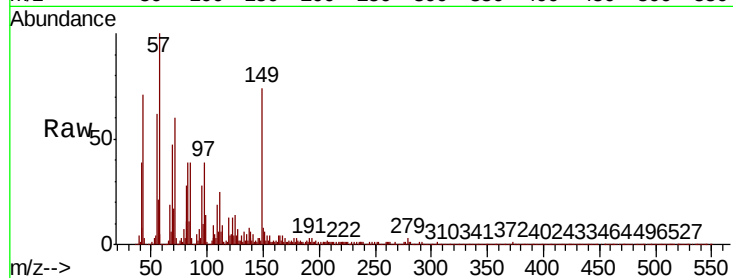
Tgt Ion:149 Resp: 1158096

Ion Ratio Lower Upper

149 100

167 2.3 1.3 1.9#

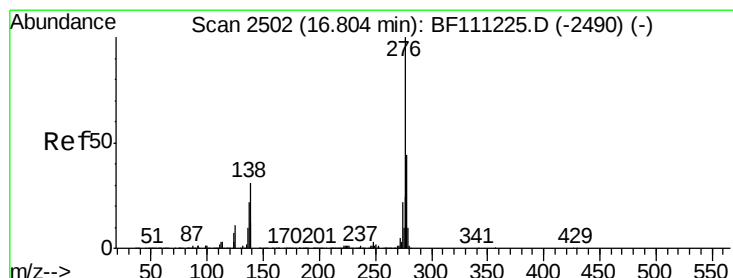
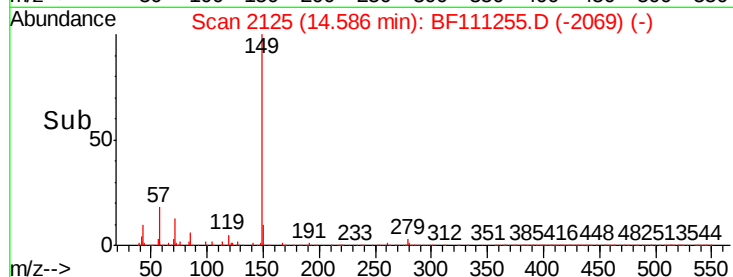
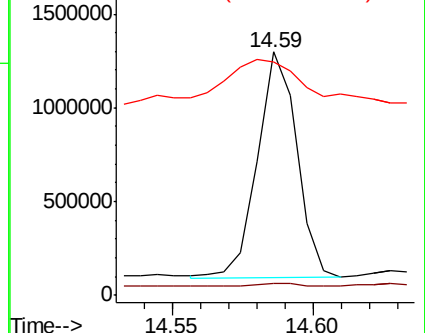
43 46.3 10.9 16.3#



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: 72.600 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.08 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

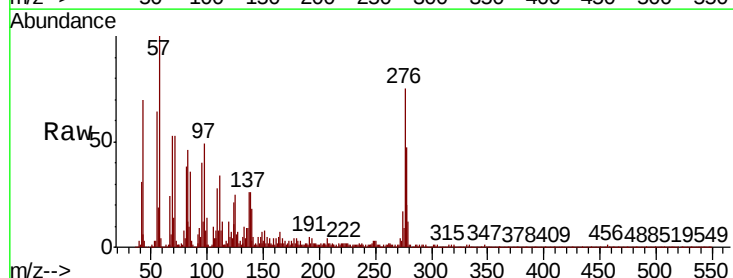
Tgt Ion:276 Resp: 1195126

Ion Ratio Lower Upper

276 100

138 33.6 27.8 41.6

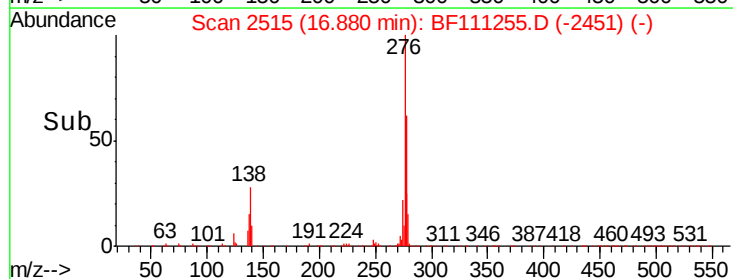
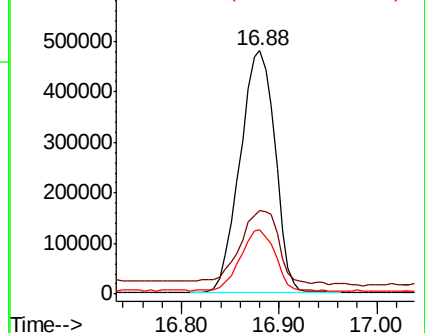
277 25.8 20.1 30.1

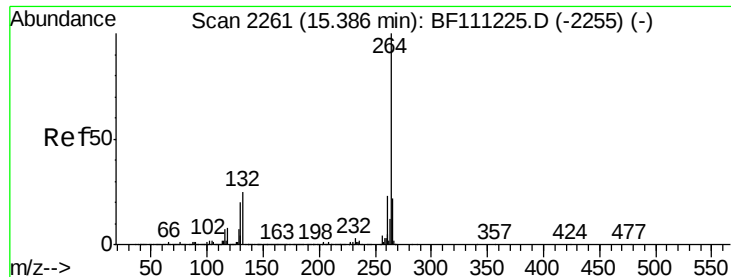


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



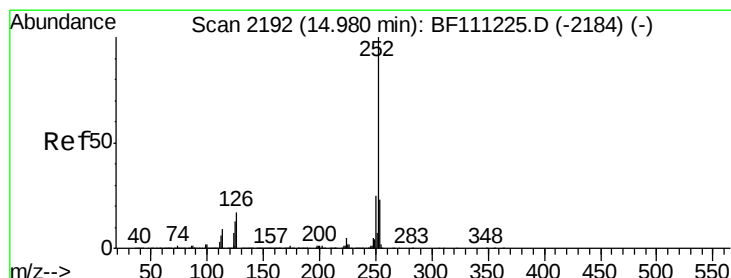
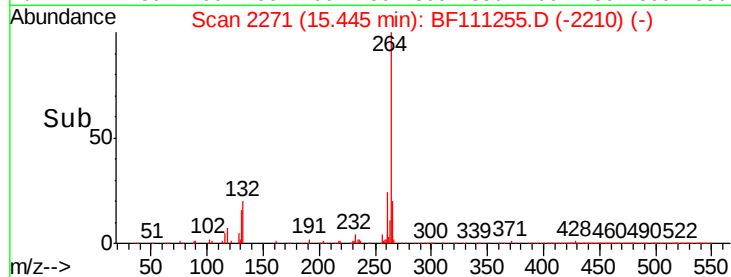
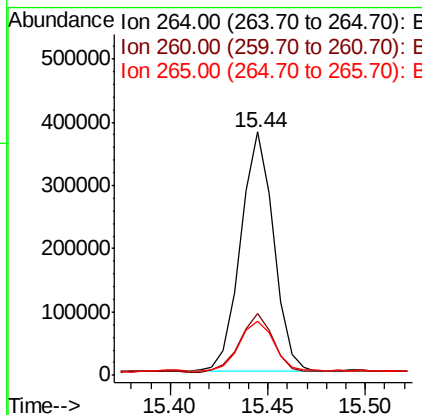
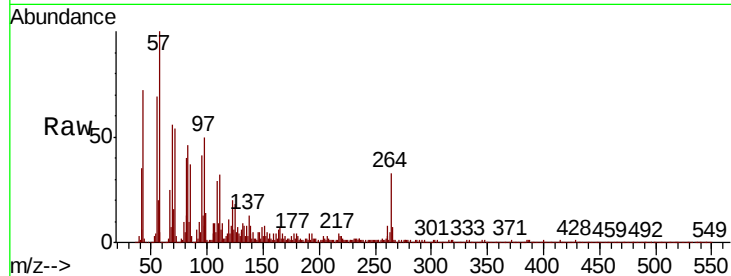


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. 0.06 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

Tgt Ion: 264 Resp: 446041  

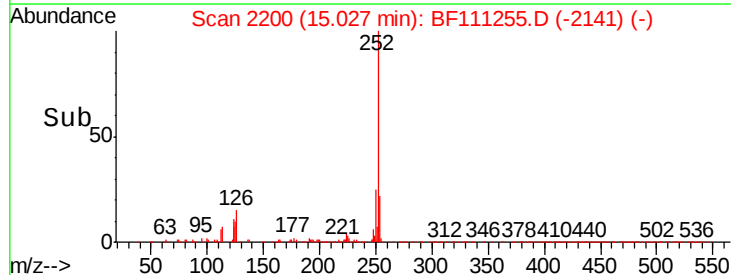
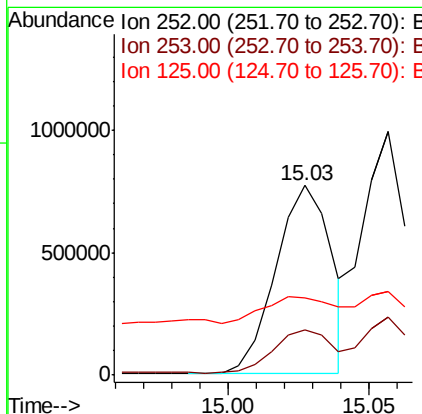
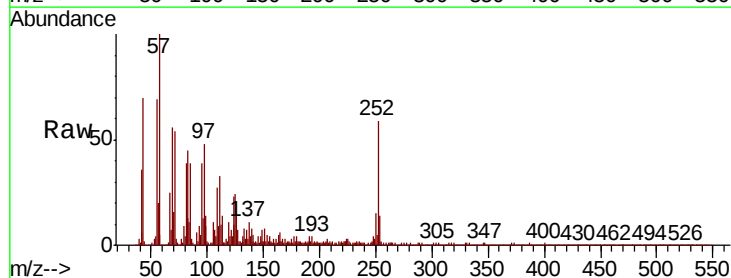
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.4  | 18.3  | 27.5  |
| 265 | 22.0  | 17.7  | 26.5  |

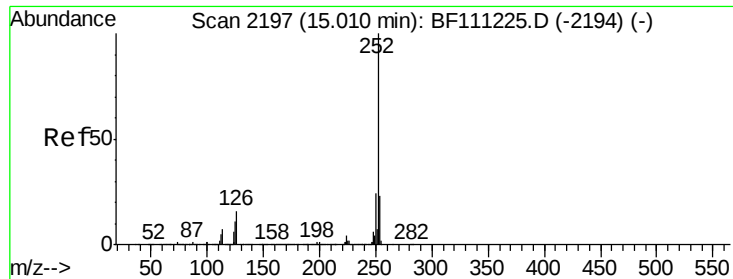


#88  
Benzo(b)fluoranthene  
Concen: 42.624 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.05 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Tgt Ion: 252 Resp: 1051396  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.7  | 18.2  | 27.2  |
| 125 | 40.7  | 10.4  | 15.6# |





#89

Benzo(k)fluoranthene

Concen: 45.134 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.05 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA\_F

ClientSampleId :

AU-7-120618MSD

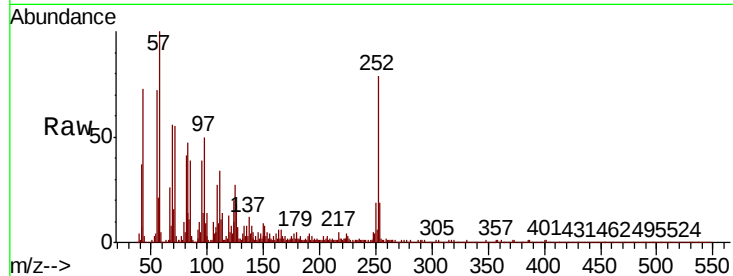
Tgt Ion:252 Resp: 1046734

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

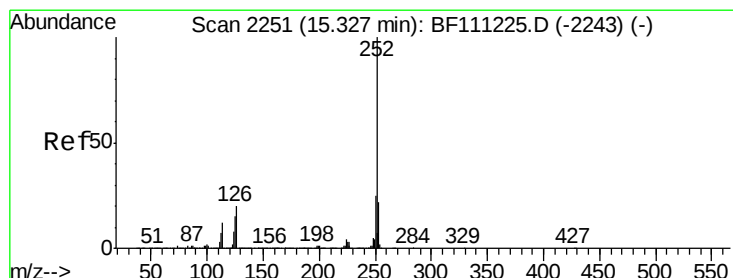
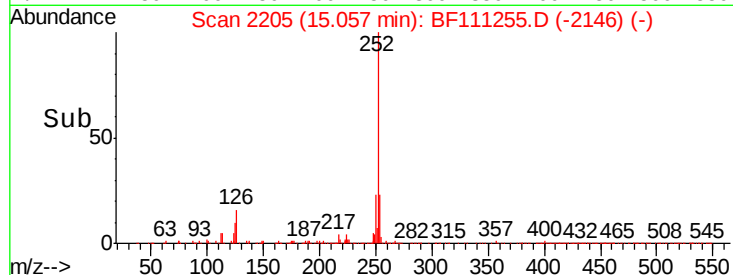
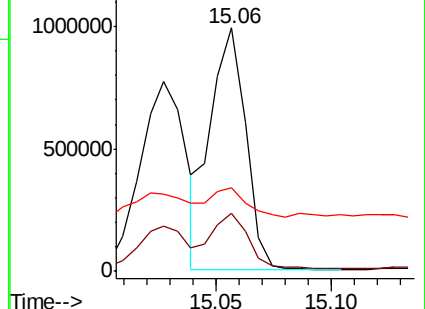
125 34.2 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.864 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.06 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

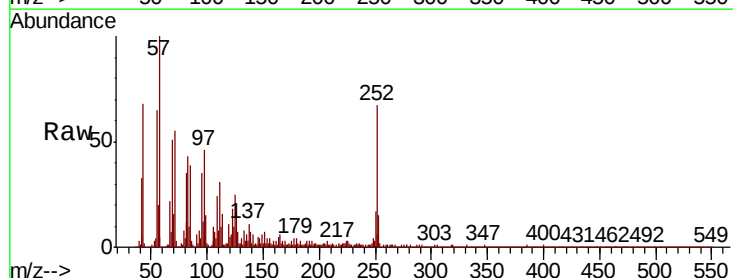
Tgt Ion:252 Resp: 1109966

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

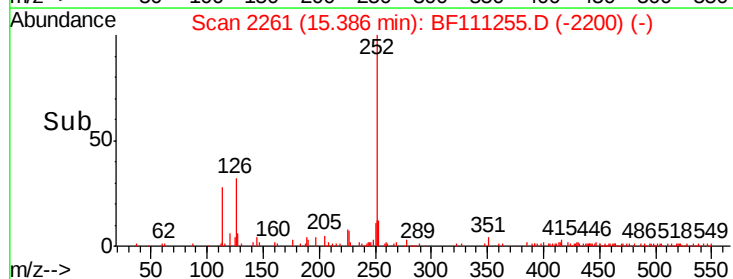
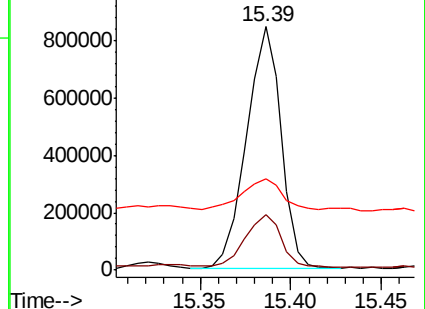
125 37.4 12.3 18.5#

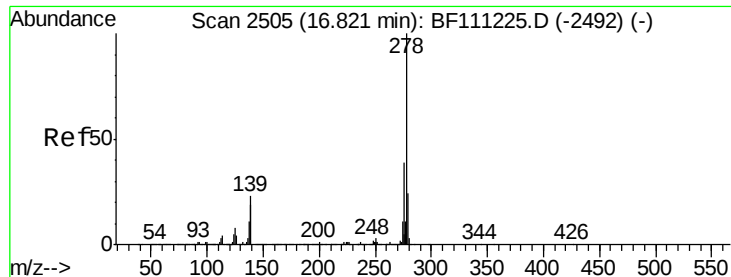


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

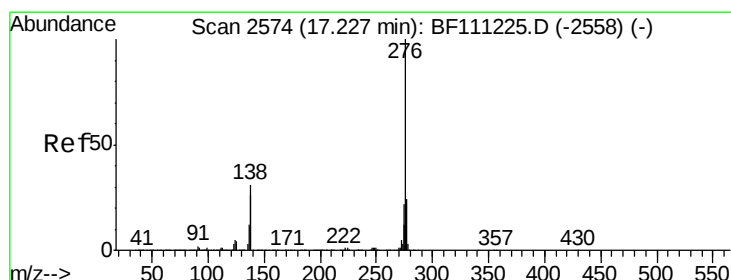
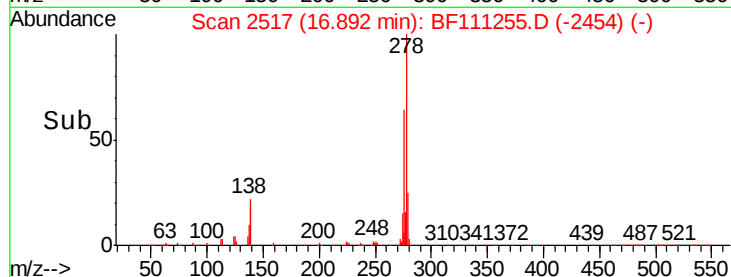
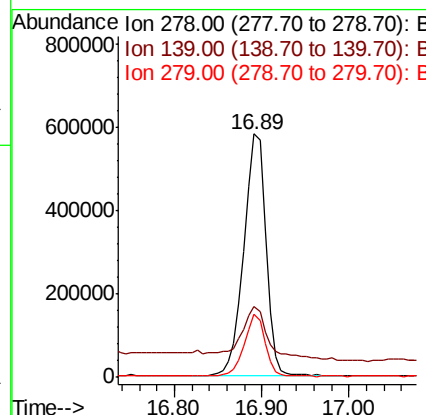
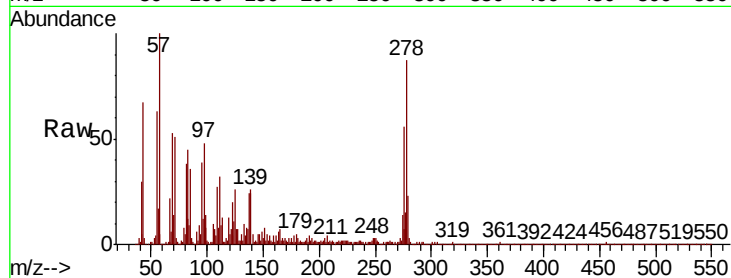




#91  
Dibenzo(a,h)anthracene  
Concen: 55.942 ng  
RT: 16.89 min Scan# 2517  
Delta R.T. 0.07 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

Instrument :  
BNA\_F  
ClientSampleId :  
AU-7-120618MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 29.2  | 18.2  | 27.4# |
| 279     | 25.8  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 46.544 ng  
RT: 17.31 min Scan# 2588  
Delta R.T. 0.08 min  
Lab File: BF111255.D  
Acq: 10 Dec 2018 21:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 26.1  | 19.2  | 28.8  |
| 138     | 29.0  | 24.9  | 37.3  |

