

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051119\  
 Data File : BF114150.D  
 Acq On : 11 May 2019 12:04  
 Operator : JU/SJ  
 Sample : PB119622BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Quant Time: May 12 05:50:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 312739   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 1188454  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 601886   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 1205076  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 958979   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.47 | 264  | 946479   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 2090564 | 107.57 | ng | 0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 2725932 | 118.60 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1538572 | 72.65  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 746655  | 119.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.21  | 172 | 2723989 | 68.46  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.95 | 244 | 2965175 | 63.74  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.73 | 88  | 379076  | 35.488 | ng | 99     |
| 3) Pyridine                    | 3.48 | 79  | 979182  | 33.271 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 486161  | 34.255 | ng | 98     |
| 6) Aniline                     | 6.52 | 93  | 927888  | 27.947 | ng | 99     |
| 8) 2-Chlorophenol              | 6.65 | 128 | 846750  | 40.814 | ng | 93     |
| 9) Benzaldehyde                | 6.40 | 77  | 126678  | 7.873  | ng | 97     |
| 10) Phenol                     | 6.50 | 94  | 1028611 | 38.042 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 843585  | 41.096 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 890251  | 38.228 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 904804  | 38.556 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 849404  | 39.619 | ng | 99     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 740059  | 41.282 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 1582990 | 39.772 | ng | 99     |
| 17) 2-Methylphenol             | 7.11 | 107 | 689621  | 40.465 | ng | 99     |
| 18) Hexachloroethane           | 7.36 | 117 | 342654  | 38.900 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 583877  | 40.077 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 810938  | 41.184 | ng | # 87   |
| 22) Acetophenone               | 7.26 | 105 | 1102002 | 41.856 | ng | 99     |
| 24) Nitrobenzene               | 7.43 | 77  | 902882  | 41.860 | ng | 95     |
| 25) Isophorone                 | 7.67 | 82  | 1660286 | 42.274 | ng | 99     |
| 26) 2-Nitrophenol              | 7.75 | 139 | 474241  | 45.319 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 779866  | 47.451 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 1058124 | 41.523 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 699441  | 42.738 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 756596  | 40.656 | ng | 99     |
| 31) Naphthalene                | 8.16 | 128 | 2387377 | 43.005 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 537610  | 46.186 | ng | 99     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 644219  | 25.466 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 426805  | 40.307 | ng | 99     |
| 35) Caprolactam                | 8.57 | 113 | 108993  | 20.424 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 750135  | 45.536 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1617653 | 45.164 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 1519077 | 45.036 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 716611  | 39.304 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051119\  
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 Sample : PB119622BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

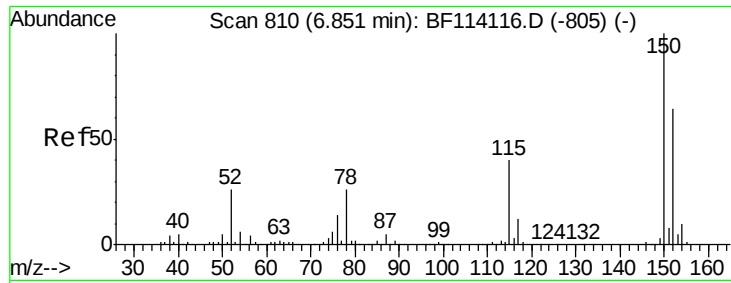
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Quant Time: May 12 05:50:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 683924   | 80.489 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 499379   | 39.820 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 534552   | 41.563 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.31  | 154  | 1965771  | 40.428 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1500175  | 38.336 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 517097   | 37.260 | ng    | 97       |
| 49) Acenaphthylene             | 9.75  | 152  | 2449997  | 41.164 | ng    | 100      |
| 50) Dimethylphthalate          | 9.61  | 163  | 1726926  | 39.085 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 404181   | 41.243 | ng    | 94       |
| 52) Acenaphthene               | 9.92  | 154  | 1499108  | 41.046 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.84  | 138  | 345990   | 28.441 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.95  | 184  | 434943   | 87.567 | ng    | 96       |
| 55) Dibenzofuran               | 10.09 | 168  | 2220385  | 41.460 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.01 | 139  | 708124   | 82.310 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 565841   | 42.540 | ng    | 94       |
| 58) Fluorene                   | 10.43 | 166  | 1691404  | 40.888 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 478300   | 43.101 | ng    | 99       |
| 60) Diethylphthalate           | 10.31 | 149  | 1824093  | 40.631 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 822034   | 40.460 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.46 | 138  | 496985   | 38.878 | ng    | 94       |
| 63) Azobenzene                 | 10.59 | 77   | 1819671  | 41.875 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 277823   | 47.979 | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 1576005  | 43.090 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 545121   | 41.084 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 598187   | 40.753 | ng    | 99       |
| 69) Atrazine                   | 11.07 | 200  | 473029   | 41.560 | ng    | 98       |
| 70) Pentachlorophenol          | 11.18 | 266  | 597267   | 85.837 | ng    | 98       |
| 71) Phenanthrene               | 11.40 | 178  | 2421991  | 41.311 | ng    | 99       |
| 72) Anthracene                 | 11.45 | 178  | 2534322  | 43.037 | ng    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 2390263  | 42.566 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2804436  | 43.349 | ng    | 98       |
| 75) Fluoranthene               | 12.59 | 202  | 2627639  | 41.619 | ng    | 100      |
| 77) Benzidine                  | 12.70 | 184  | 1557524  | 36.182 | ng    | 97       |
| 78) Pyrene                     | 12.82 | 202  | 2672826  | 34.647 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 1291555  | 39.776 | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 2229891  | 35.951 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 624077   | 25.936 | ng    | 99       |
| 83) Chrysene                   | 14.04 | 228  | 2259400  | 37.159 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 1641622  | 38.656 | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 2801046  | 40.687 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 2155255  | 40.108 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 2522523  | 41.600 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.08 | 252  | 2138798  | 38.398 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 2268466  | 42.508 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.95 | 278  | 1780748  | 40.157 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.38 | 276  | 1706260  | 38.395 | ng    | 99       |

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

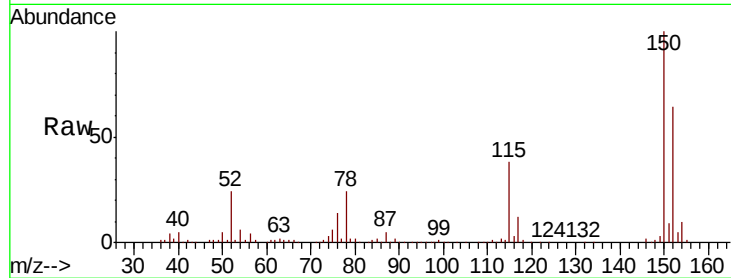




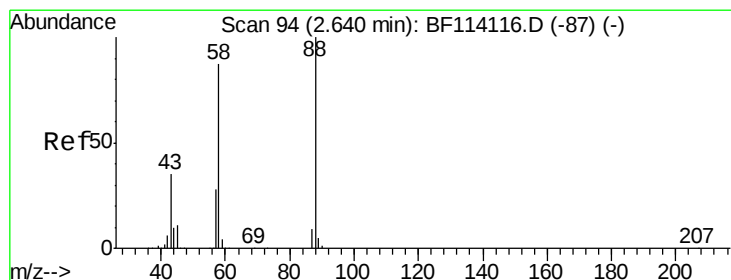
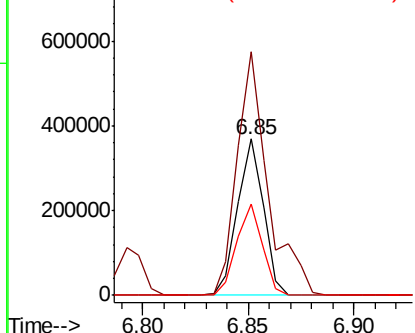
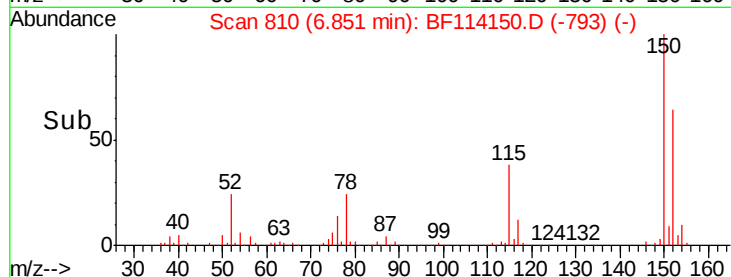
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion: 152 Resp: 312739  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 124.3 186.5  
 115 58.8 49.1 73.7

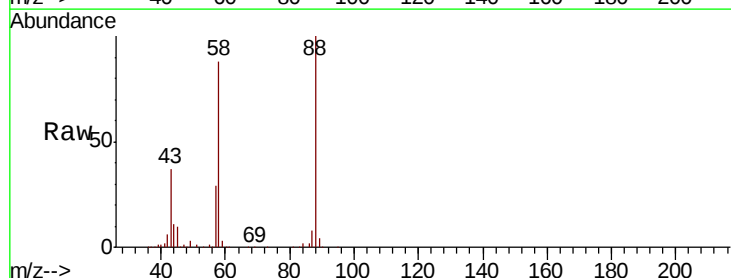


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

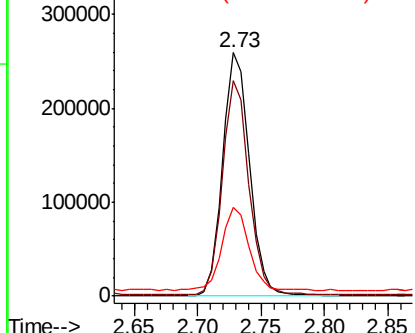
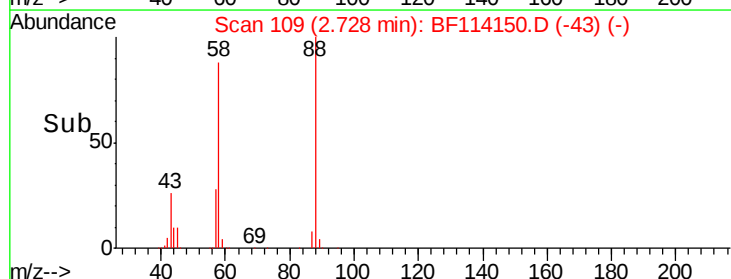


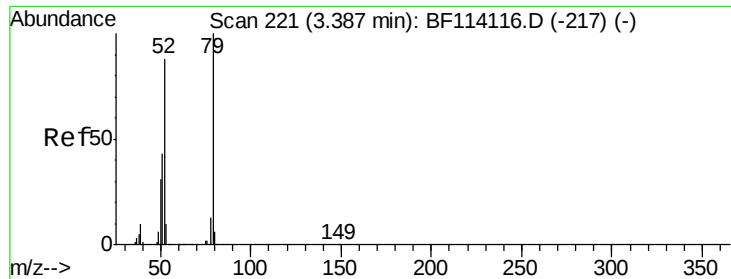
#2  
 1,4-Dioxane  
 Concen: 35.488 ng  
 RT: 2.73 min Scan# 109  
 Delta R.T. 0.09 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 88 Resp: 379076  
 Ion Ratio Lower Upper  
 88 100  
 58 86.1 68.7 103.1  
 43 34.2 28.2 42.2



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

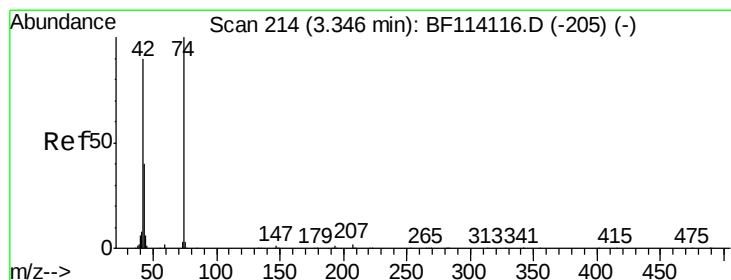
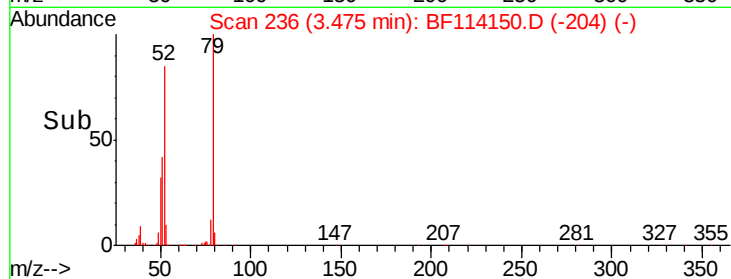
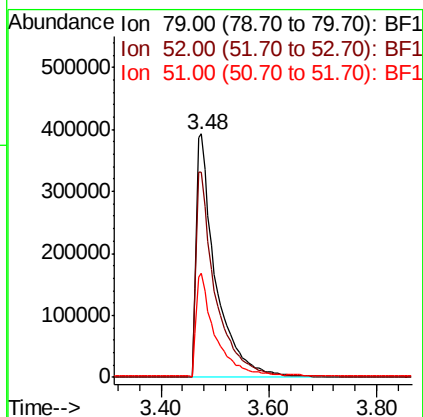
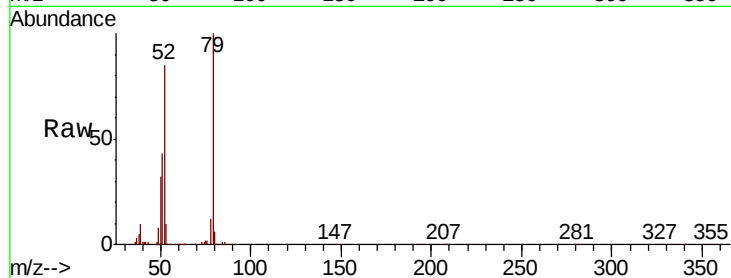




#3  
 Pyridine  
 Concen: 33.271 ng  
 RT: 3.48 min Scan# 236  
 Delta R.T. 0.09 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

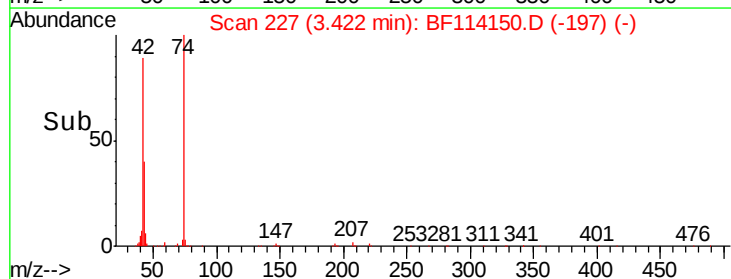
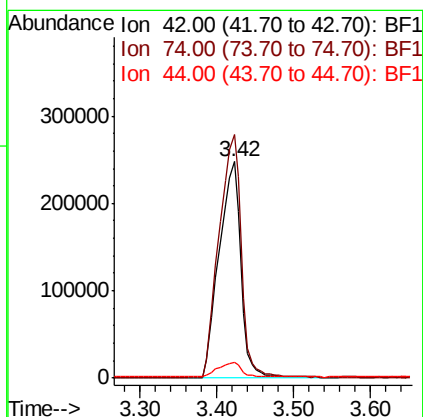
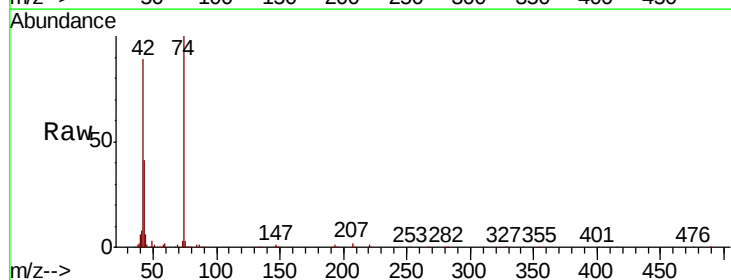
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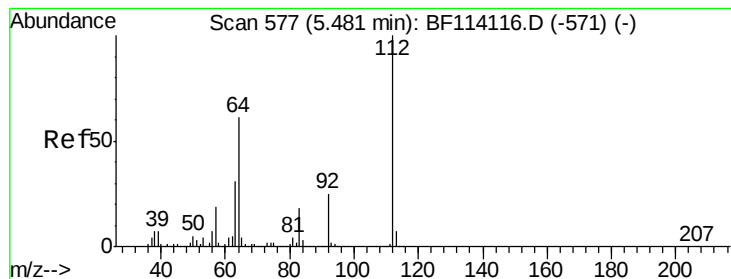
Tgt Ion: 79 Resp: 979182  
 Ion Ratio Lower Upper  
 79 100  
 52 84.5 70.6 105.8  
 51 42.5 34.2 51.2



#4  
 n-Nitrosodimethylamine  
 Concen: 34.255 ng  
 RT: 3.42 min Scan# 227  
 Delta R.T. 0.08 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 42 Resp: 486161  
 Ion Ratio Lower Upper  
 42 100  
 74 112.4 88.6 132.8  
 44 7.2 5.5 8.3

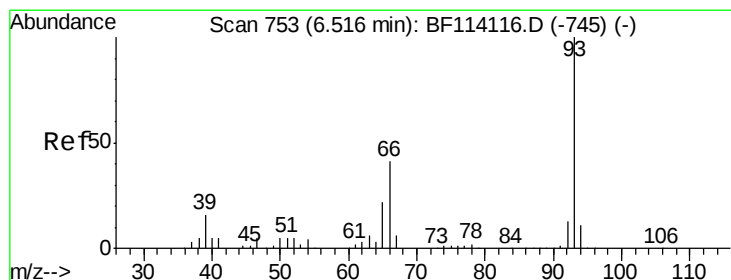
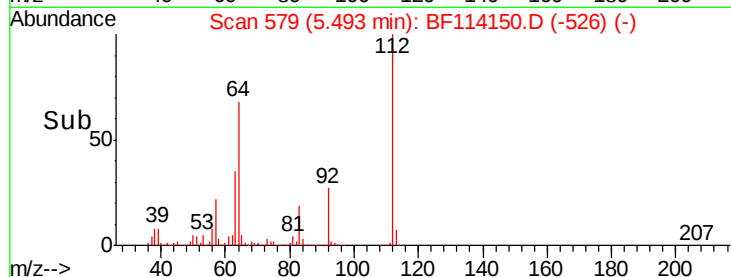
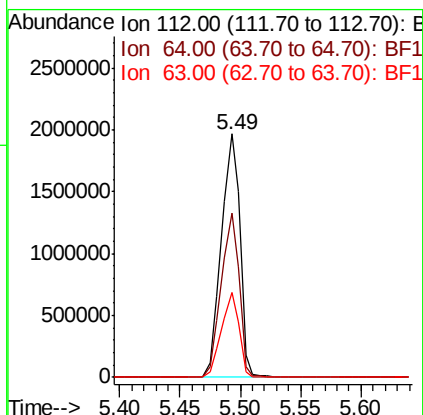
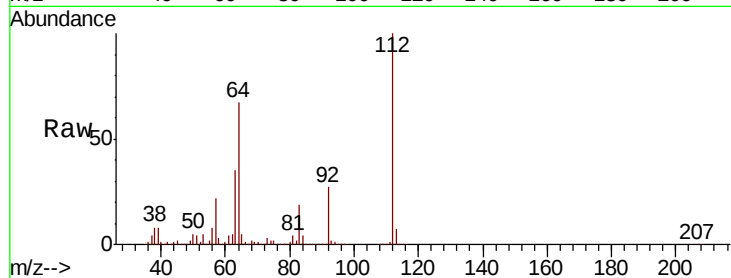




#5  
 2-Fluorophenol  
 Concen: 107.574 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

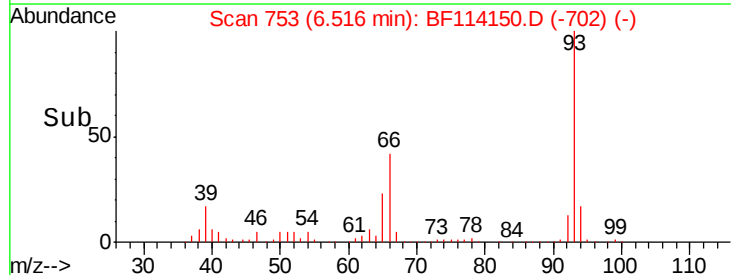
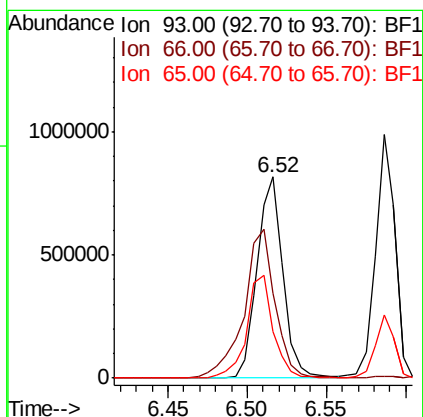
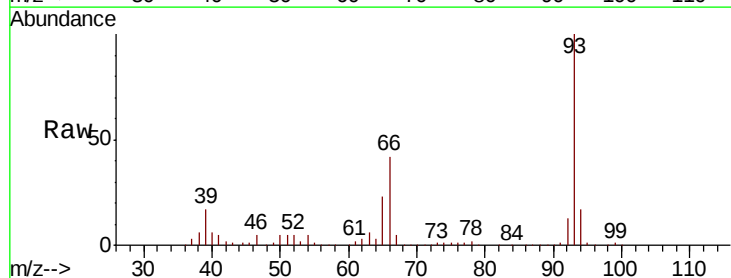
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

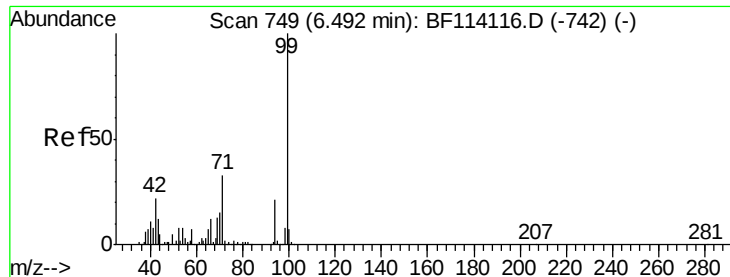
Tgt Ion: 112 Resp: 2090564  
 Ion Ratio Lower Upper  
 112 100  
 64 67.5 49.0 73.6  
 63 34.8 24.6 37.0



#6  
 Aniline  
 Concen: 27.947 ng  
 RT: 6.52 min Scan# 753  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 93 Resp: 927888  
 Ion Ratio Lower Upper  
 93 100  
 66 42.1 33.2 49.8  
 65 22.9 17.6 26.4





#7

Phenol-d6

Concen: 118.597 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

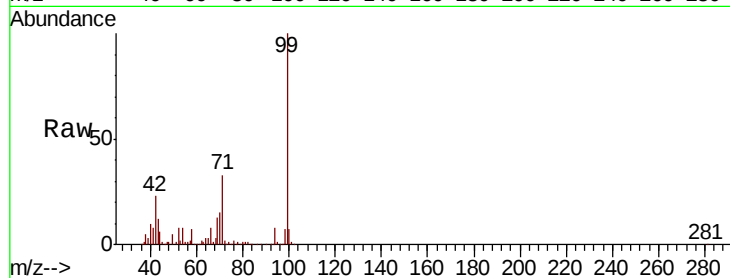
Tgt Ion: 99 Resp: 2725932

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

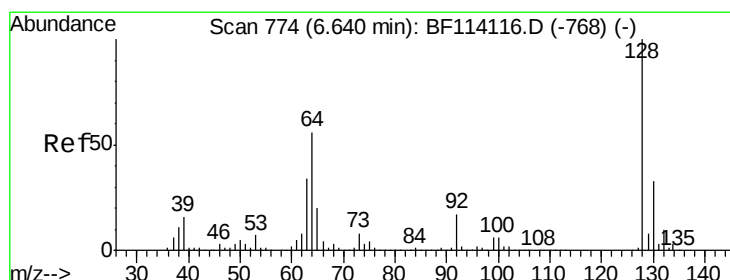
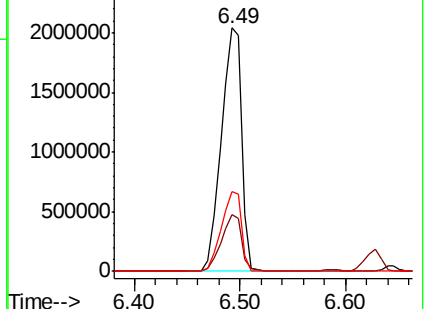
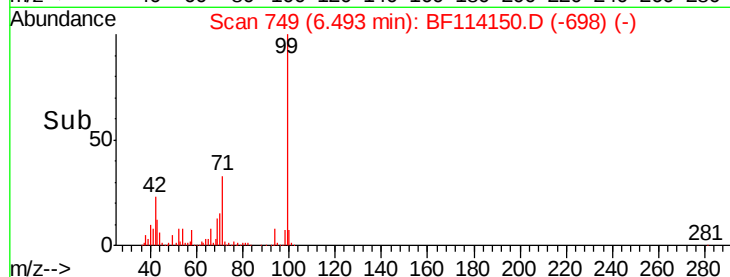
71 32.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.814 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

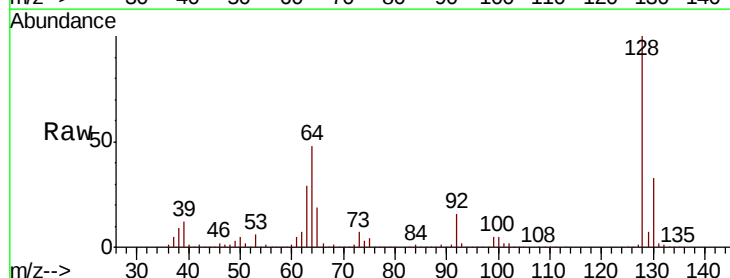
Tgt Ion: 128 Resp: 846750

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

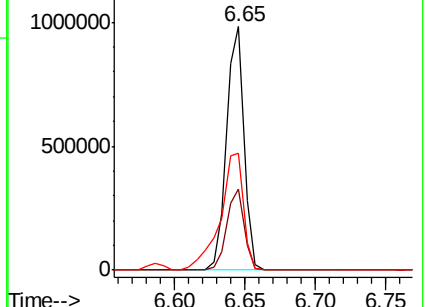
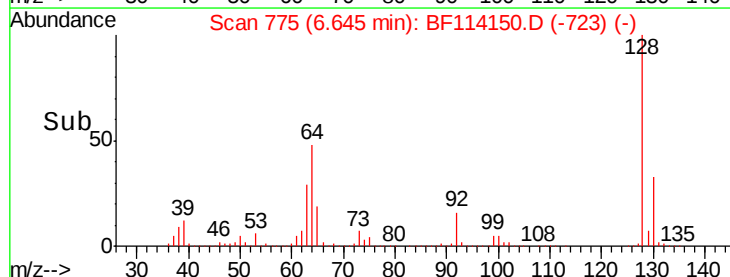
64 48.3 35.9 75.9

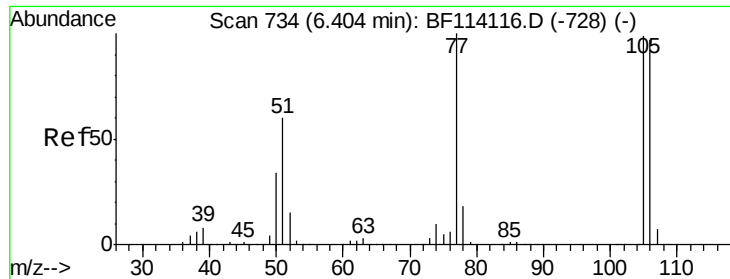


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.873 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

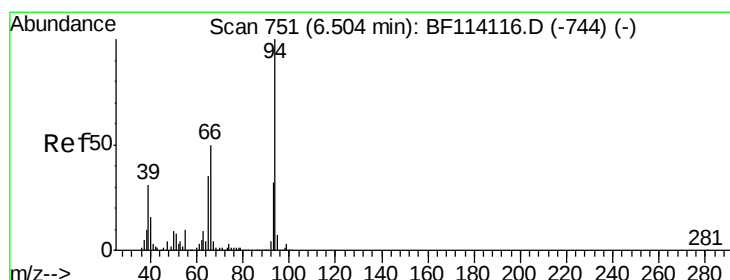
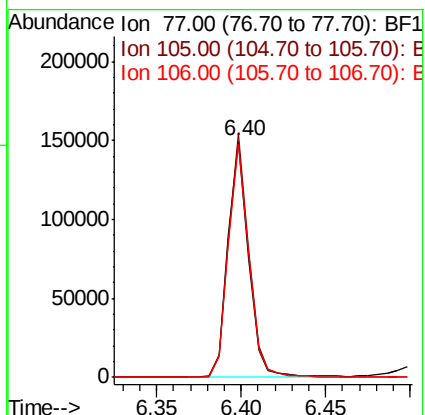
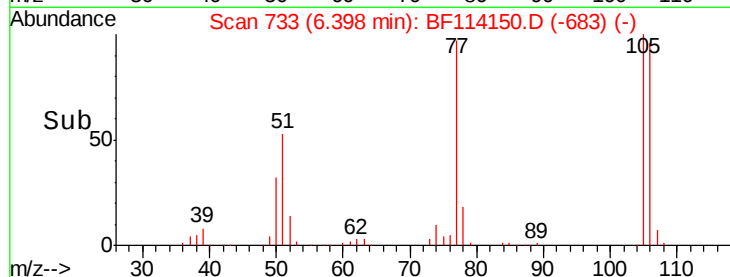
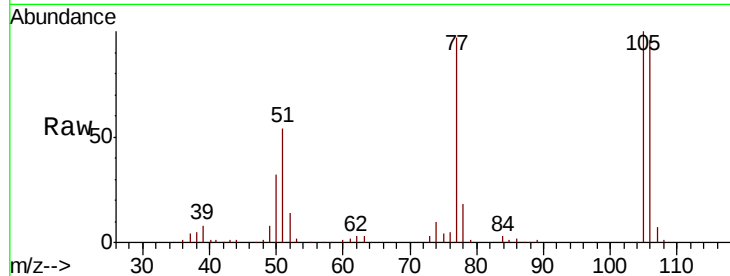
Tgt Ion: 77 Resp: 126678

Ion Ratio Lower Upper

77 100

105 103.0 79.3 119.3

106 99.0 77.0 117.0



#10

Phenol

Concen: 38.042 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

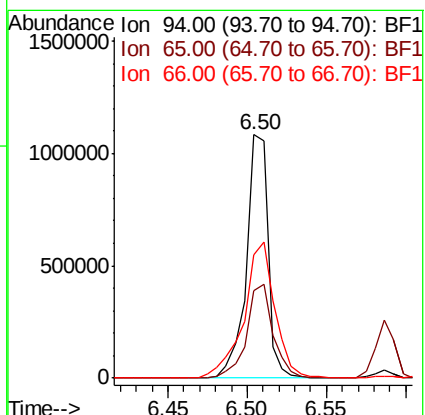
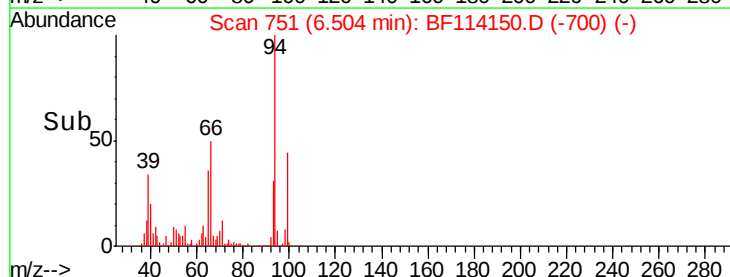
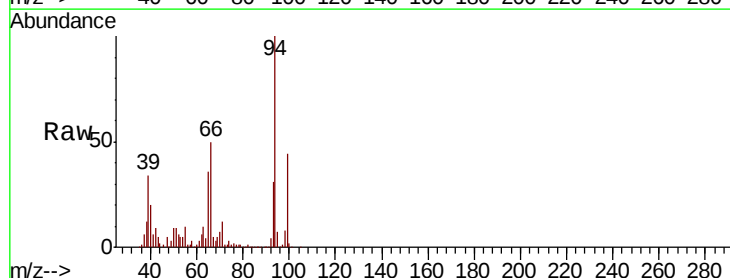
Tgt Ion: 94 Resp: 1028611

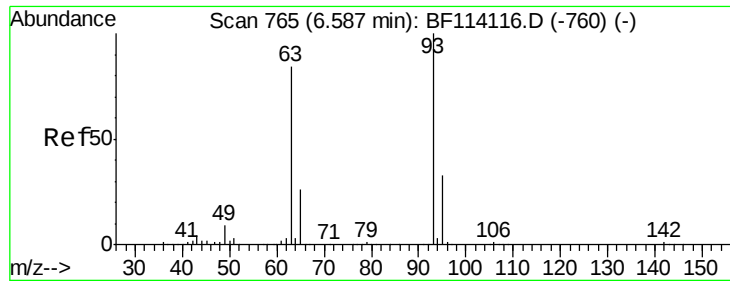
Ion Ratio Lower Upper

94 100

65 35.9 14.7 54.7

66 50.4 29.6 69.6

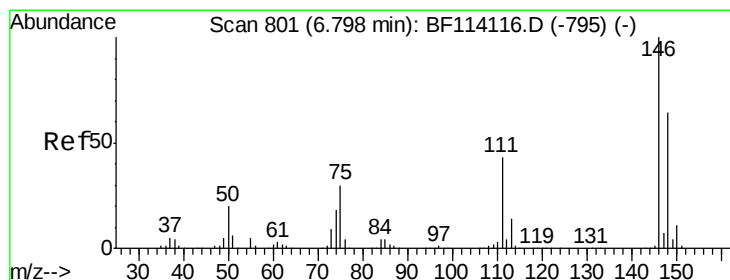
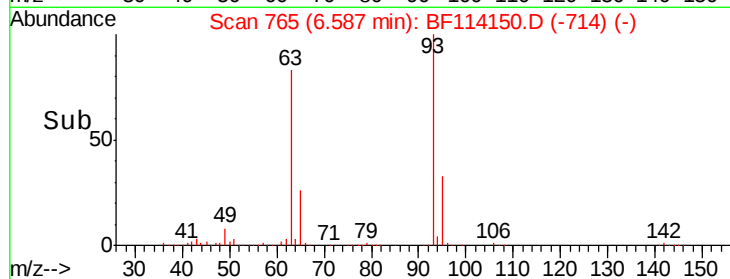
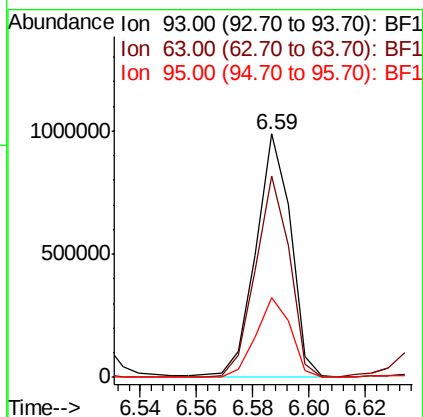
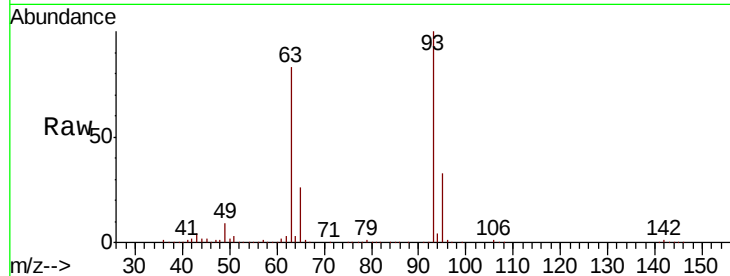




#11  
bis(2-Chloroethyl)ether  
Concen: 41.096 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

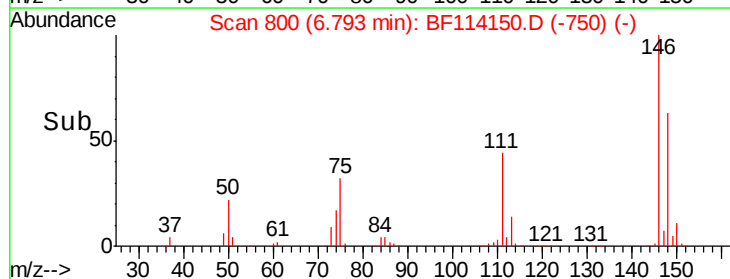
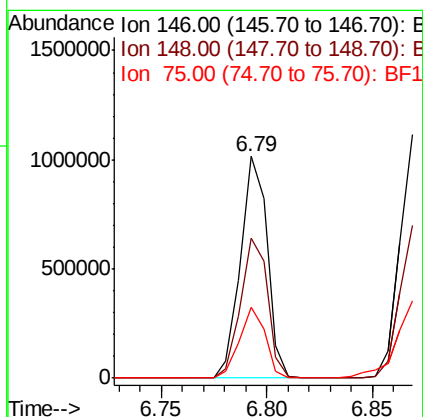
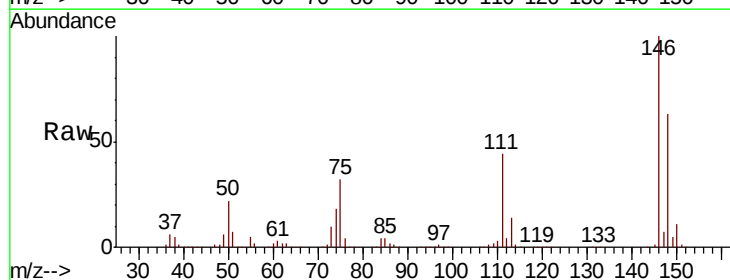
Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

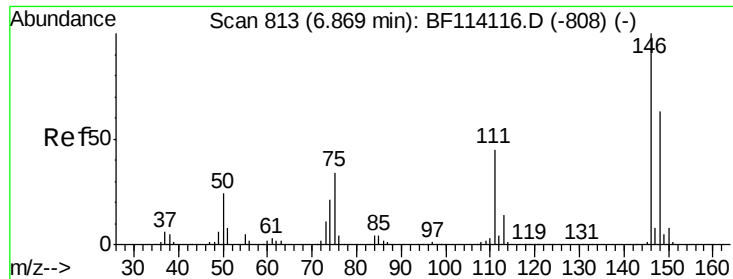
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.9  | 63.6  | 103.6 |
| 95      | 32.6  | 13.1  | 53.1  |



#12  
1,3-Dichlorobenzene  
Concen: 38.228 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.6  | 77.4  |
| 75      | 32.1  | 24.2  | 36.2  |

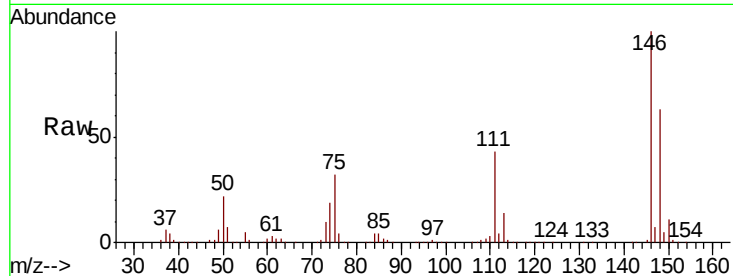




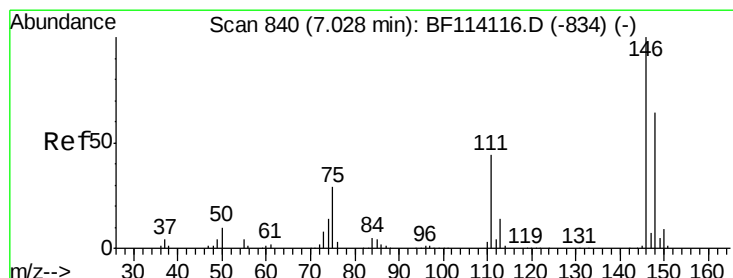
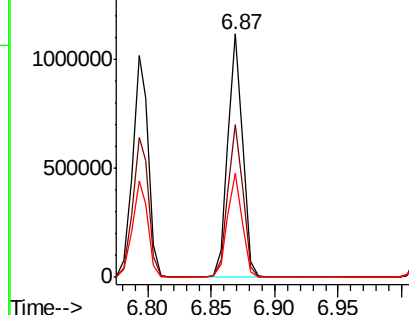
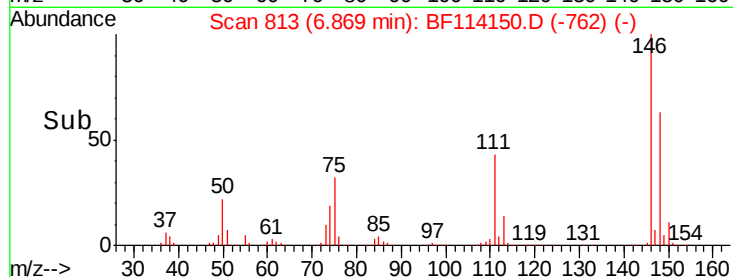
#13  
 1,4-Dichlorobenzene  
 Concen: 38.556 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB119622BS

Tgt Ion:146 Resp: 904804  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 50.2 75.2  
 111 42.7 35.8 53.6

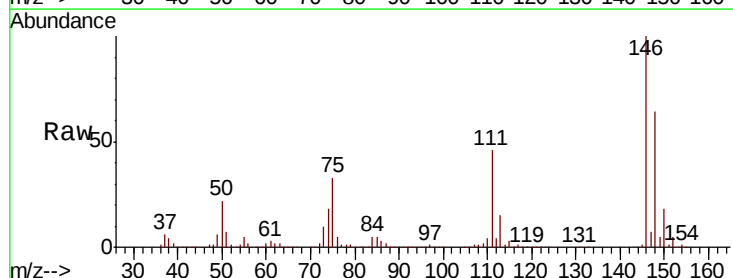


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

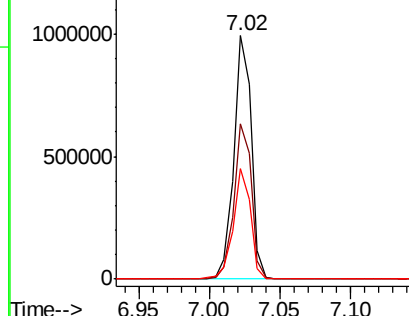
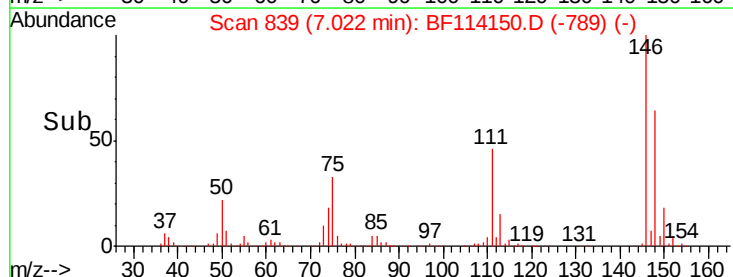


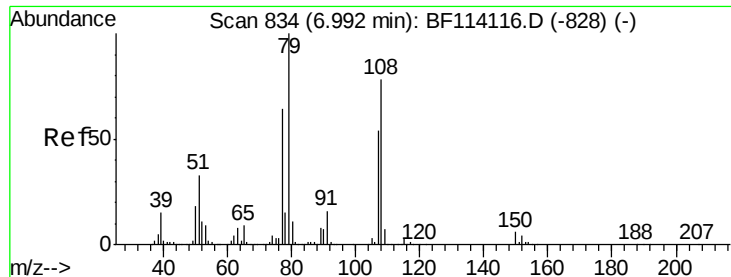
#14  
 1,2-Dichlorobenzene  
 Concen: 39.619 ng  
 RT: 7.02 min Scan# 839  
 Delta R.T. -0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:146 Resp: 849404  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 51.1 76.7  
 111 45.6 35.3 52.9



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: 41.282 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

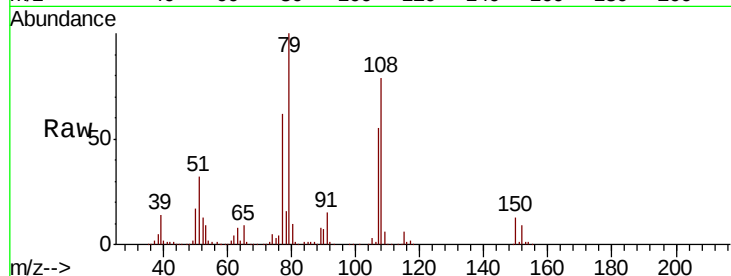
Tgt Ion: 79 Resp: 740059

Ion Ratio Lower Upper

79 100

108 78.6 62.1 93.1

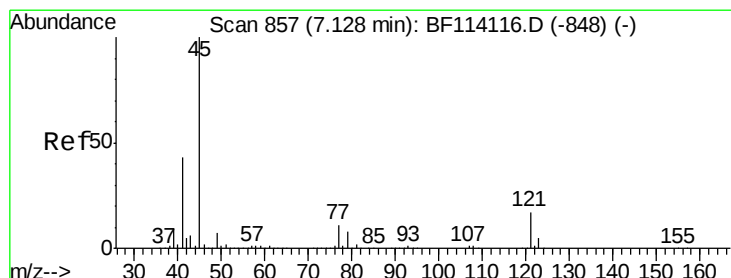
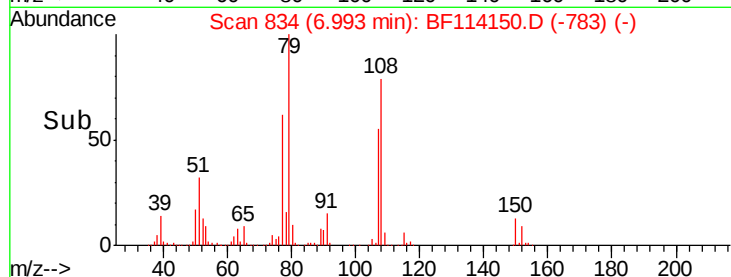
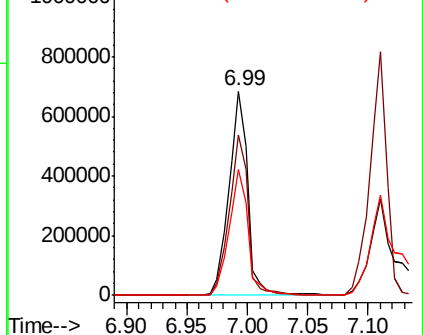
77 61.7 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.772 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

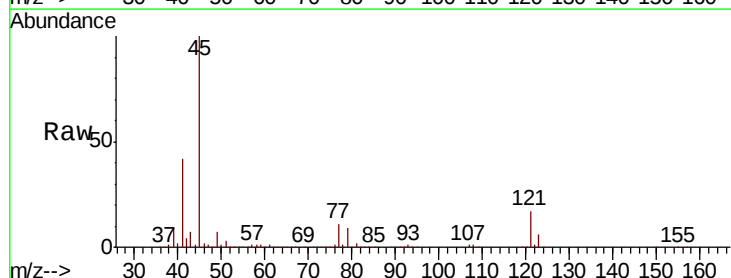
Tgt Ion: 45 Resp: 1582990

Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.1

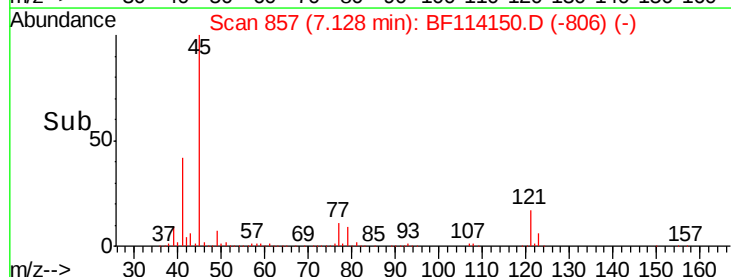
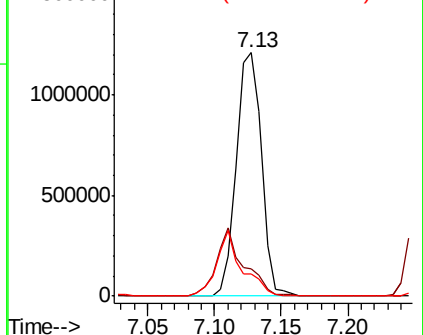
79 9.0 0.0 28.4

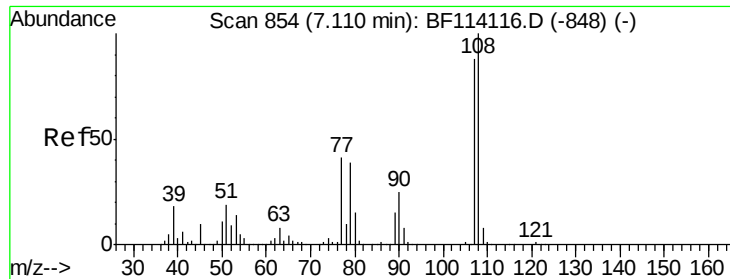


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

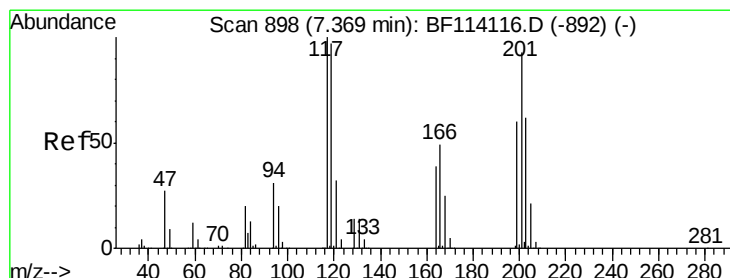
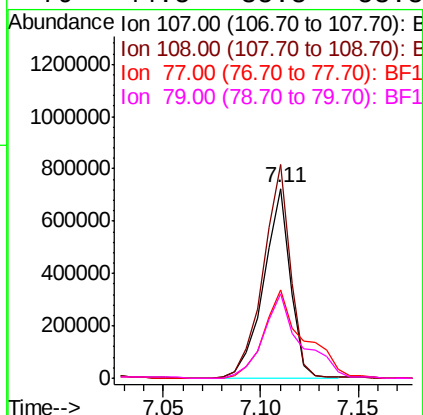
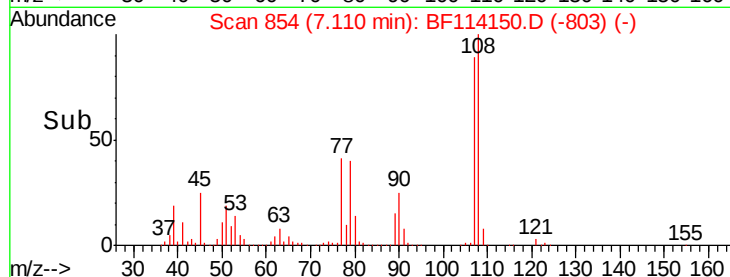
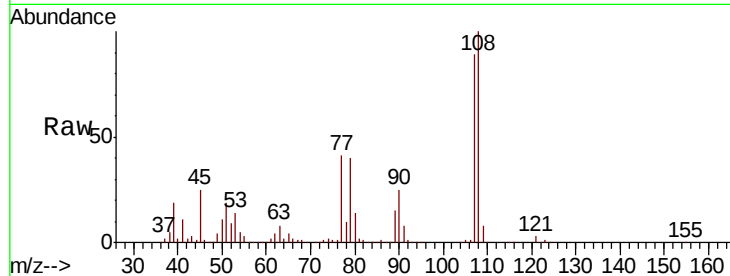




#17  
2-Methylphenol  
Concen: 40.465 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

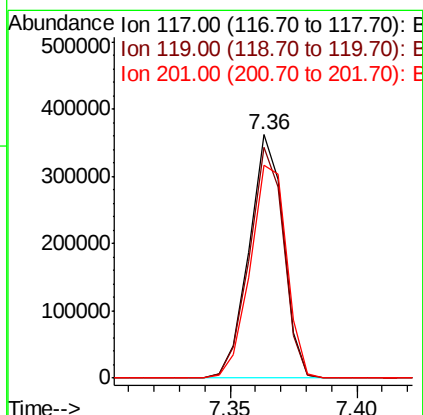
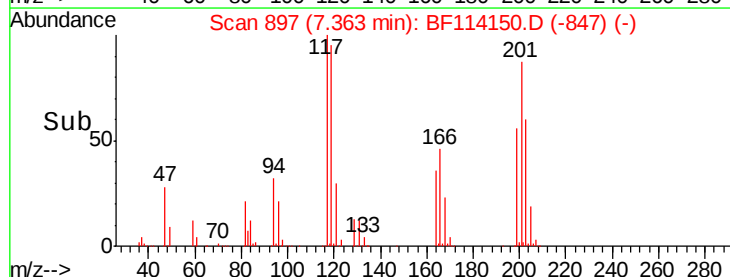
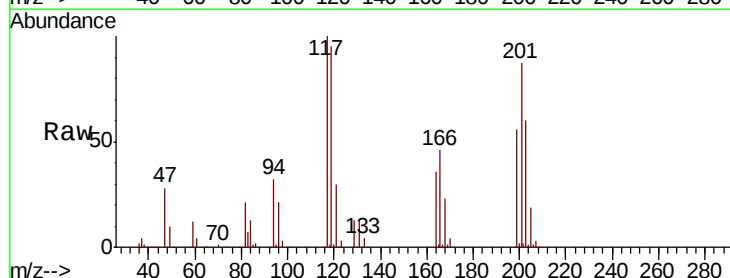
Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

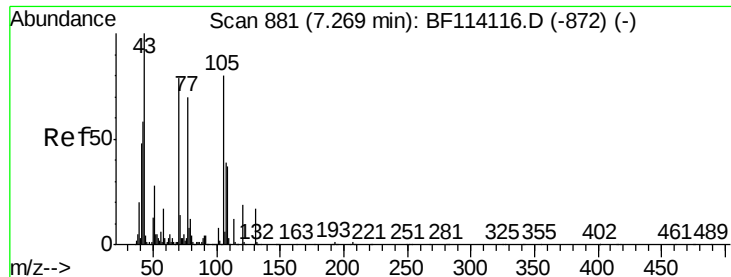
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 689621 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 90.5  | 135.7  |
| 77       | 46.4  | 37.0  | 55.4   |
| 79       | 44.5  | 35.8  | 53.8   |



#18  
Hexachloroethane  
Concen: 38.900 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 342654 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 77.4  | 116.2  |
| 201      | 87.5  | 74.5  | 111.7  |

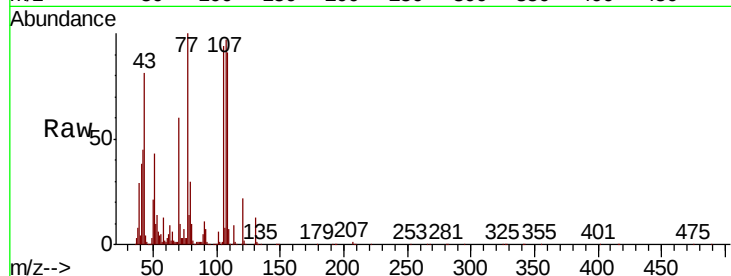




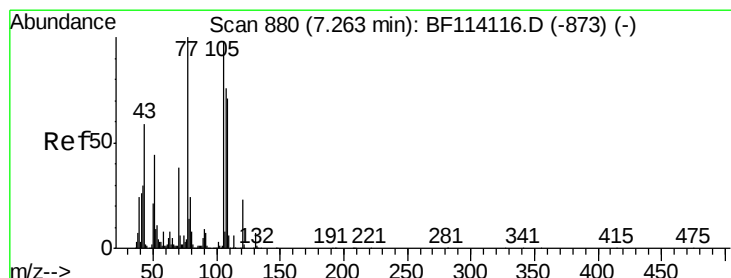
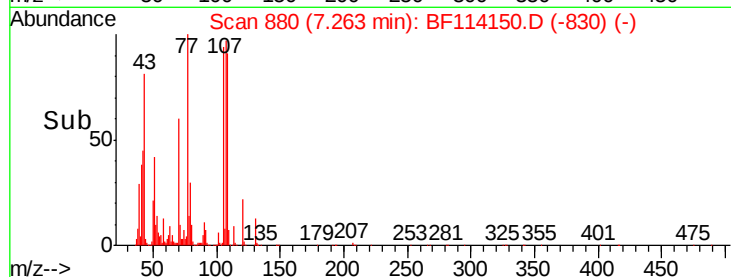
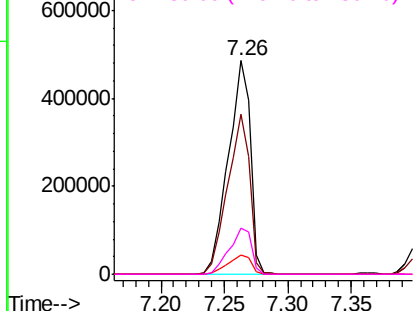
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.077 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 583877 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 75.1  | 58.6  | 87.8   |
| 101      | 9.3   | 7.8   | 11.8   |
| 130      | 21.9  | 17.1  | 25.7   |



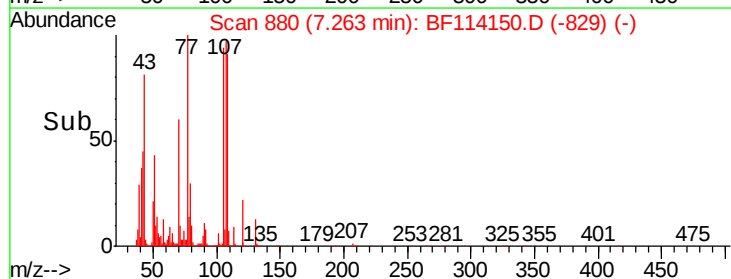
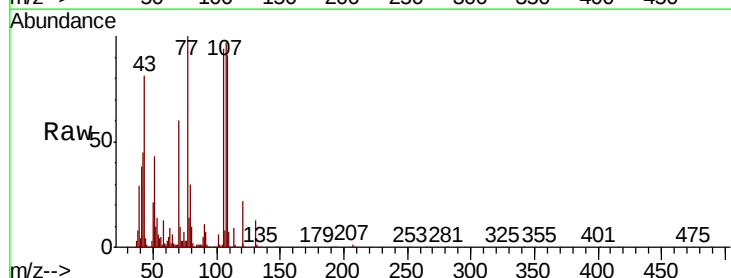
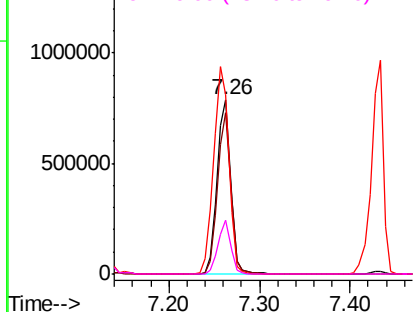
Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

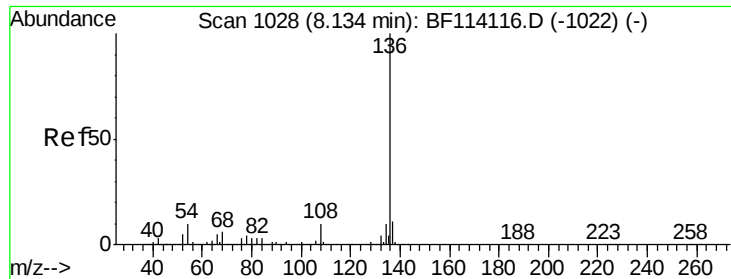


#20  
3+4-Methylphenols  
Concen: 41.184 ng  
RT: 7.26 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 810938 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.0  | 73.8  | 113.8  |
| 77       | 102.6 | 111.5 | 151.5# |
| 79       | 30.9  | 12.0  | 52.0   |

Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

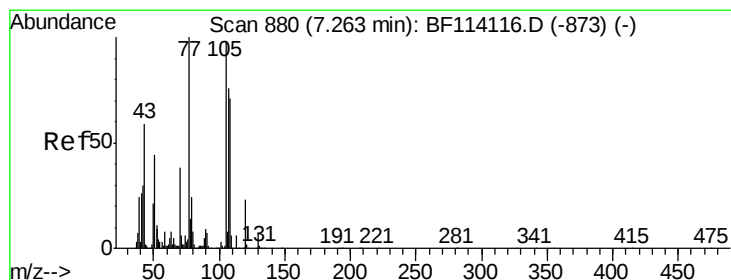
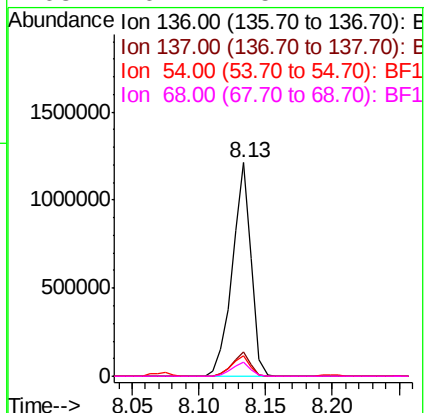
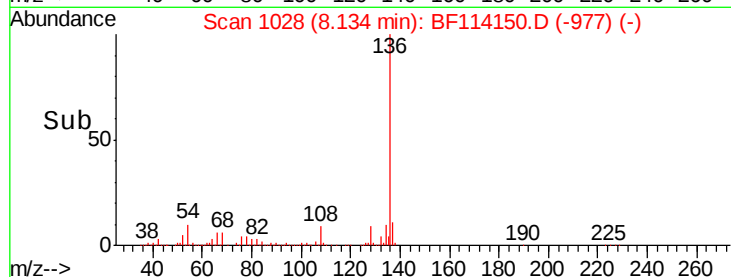
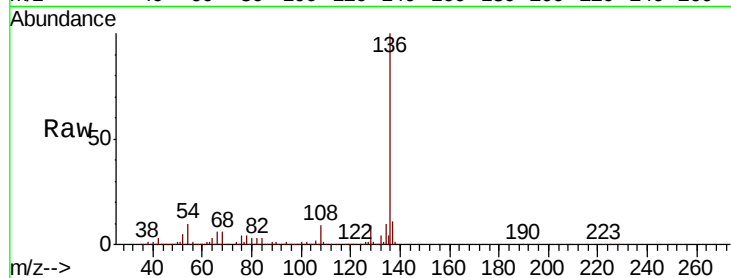




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

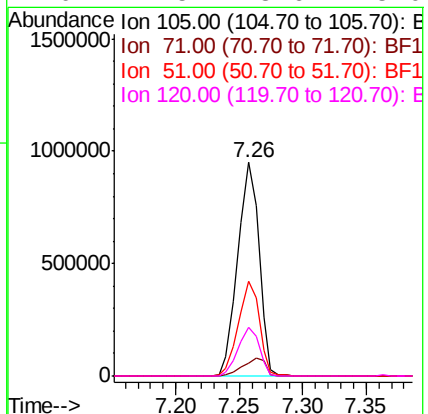
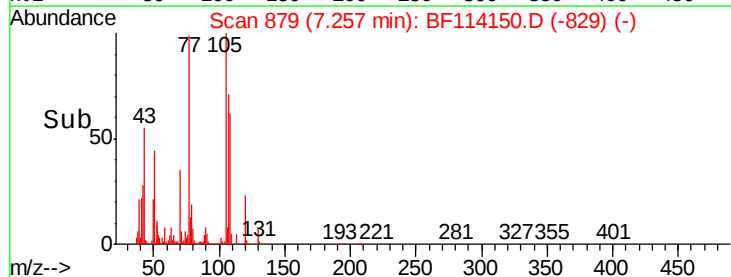
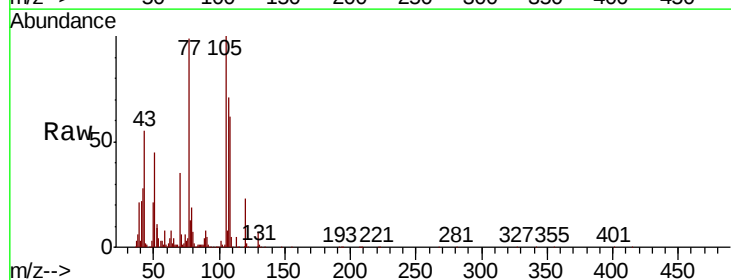
Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

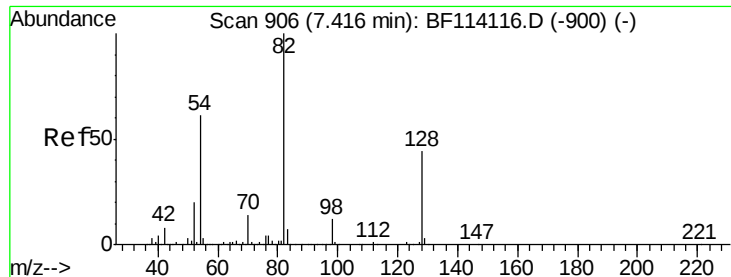
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1188454 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.3  | 8.8   | 13.2    |
| 54       | 9.7   | 7.8   | 11.8    |
| 68       | 6.4   | 5.1   | 7.7     |



#22  
Acetophenone  
Concen: 41.856 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1102002 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 6.2   | 5.3   | 7.9     |
| 51       | 44.6  | 36.2  | 54.4    |
| 120      | 22.5  | 18.6  | 28.0    |

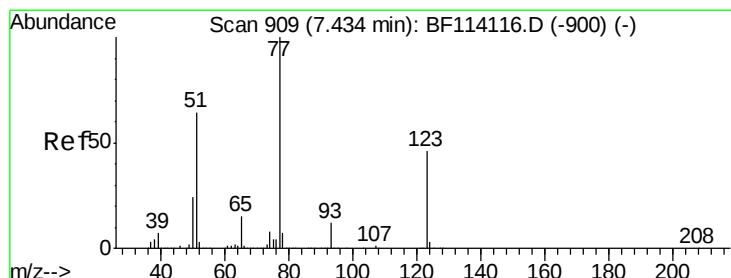
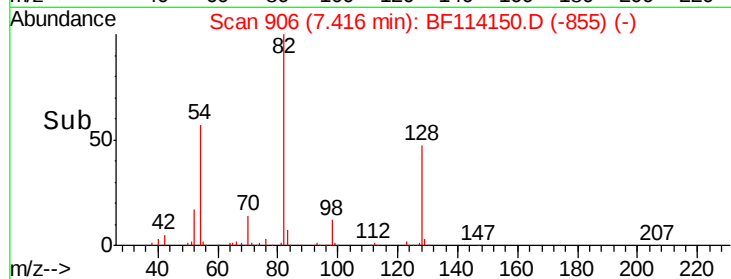
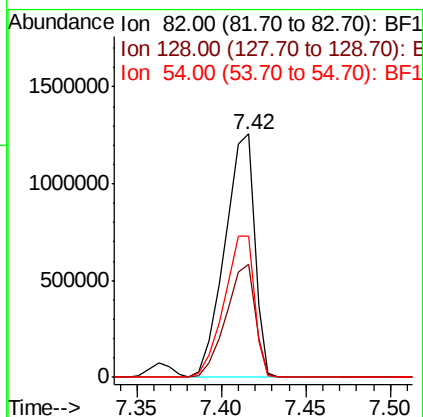
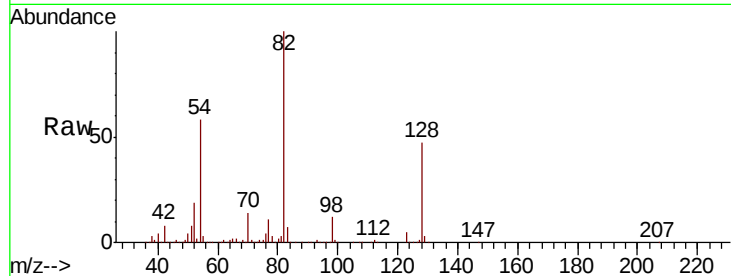




#23  
 Nitrobenzene-d5  
 Concen: 72.653 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

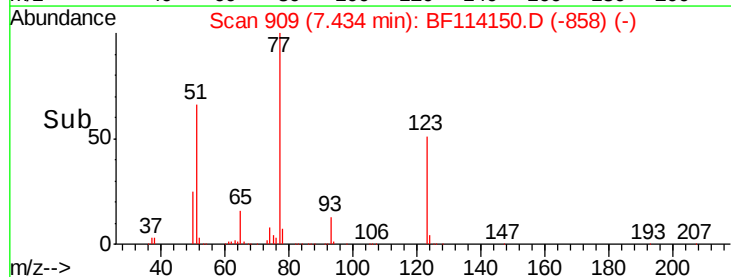
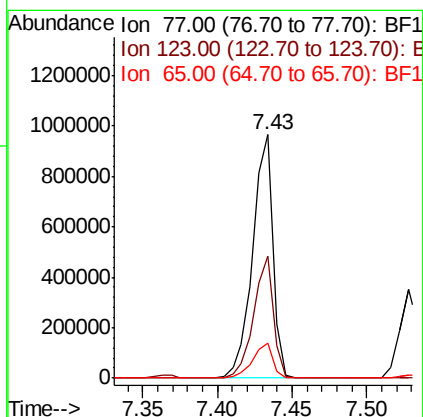
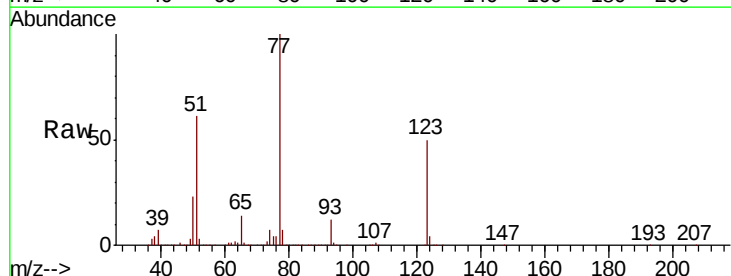
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

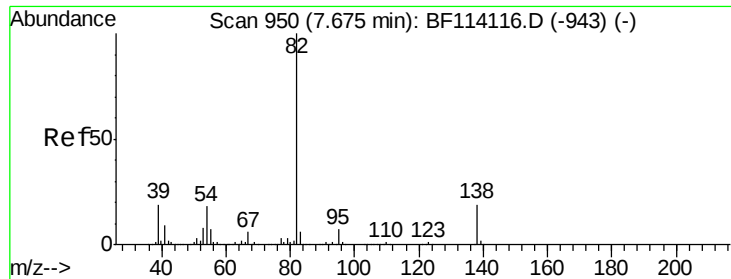
Tgt Ion: 82 Resp: 1538572  
 Ion Ratio Lower Upper  
 82 100  
 128 46.7 35.5 53.3  
 54 58.2 48.5 72.7



#24  
 Nitrobenzene  
 Concen: 41.860 ng  
 RT: 7.43 min Scan# 909  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 77 Resp: 902882  
 Ion Ratio Lower Upper  
 77 100  
 123 50.4 36.9 55.3  
 65 14.2 11.8 17.6

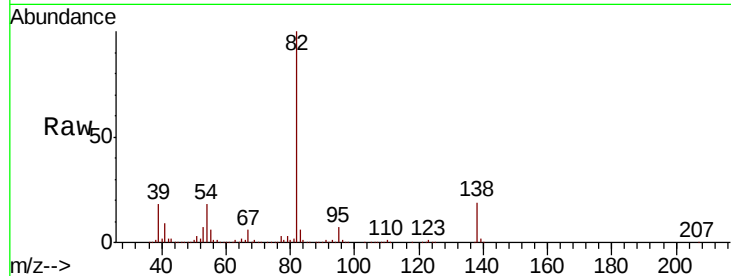




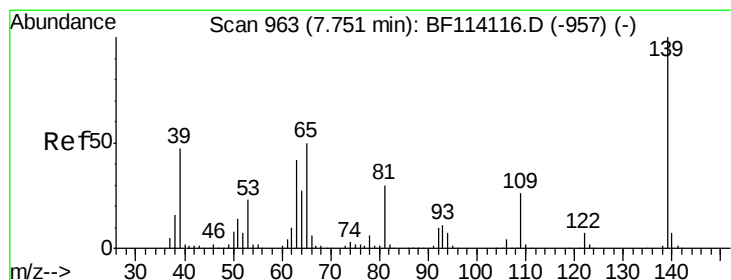
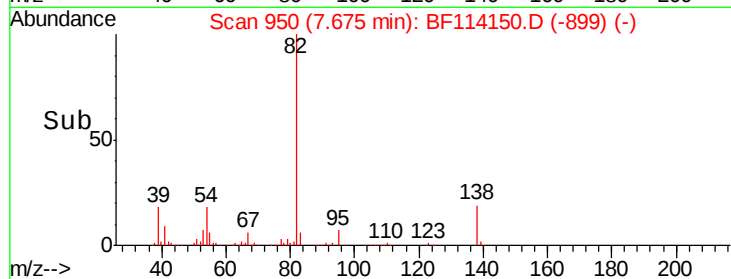
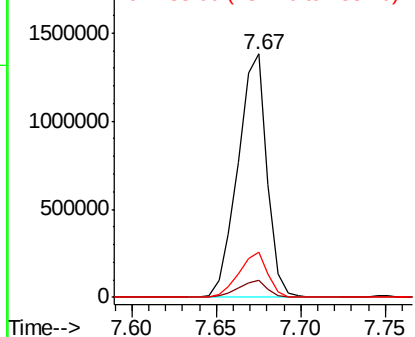
#25  
Isophorone  
Concen: 42.274 ng  
RT: 7.67 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

Tgt Ion: 82 Resp: 1660286  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.6 8.4  
138 18.8 14.8 22.2

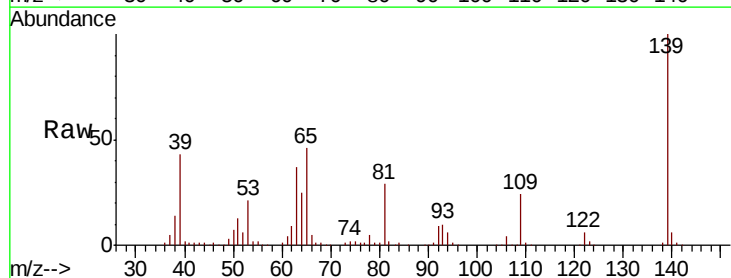


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

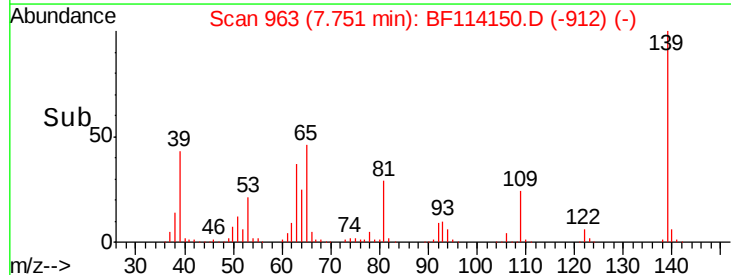
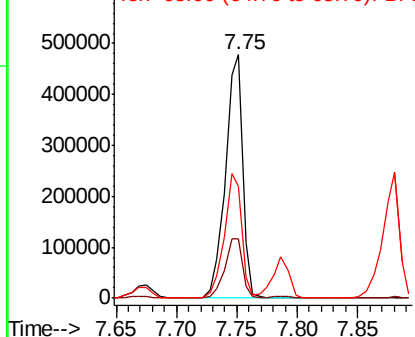


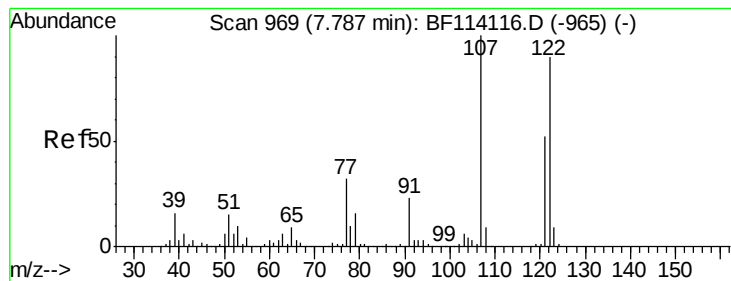
#26  
2-Nitrophenol  
Concen: 45.319 ng  
RT: 7.75 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Tgt Ion: 139 Resp: 474241  
Ion Ratio Lower Upper  
139 100  
109 24.2 20.7 31.1  
65 45.7 40.2 60.2



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

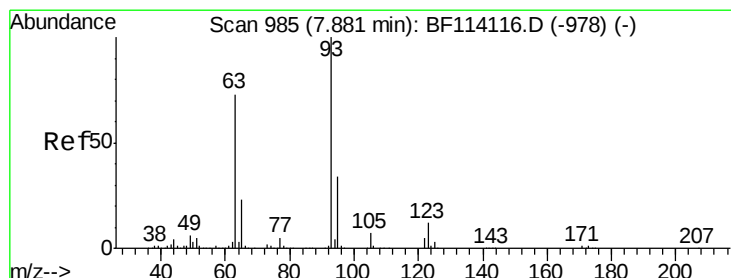
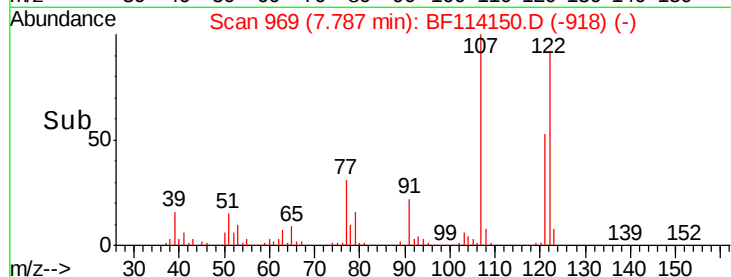
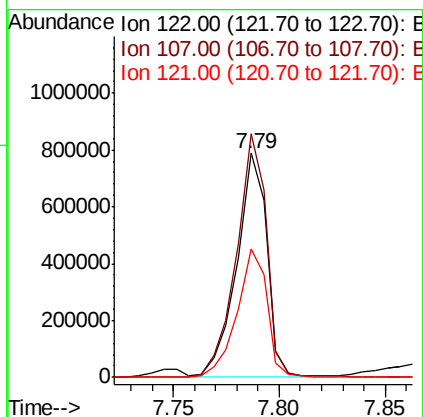
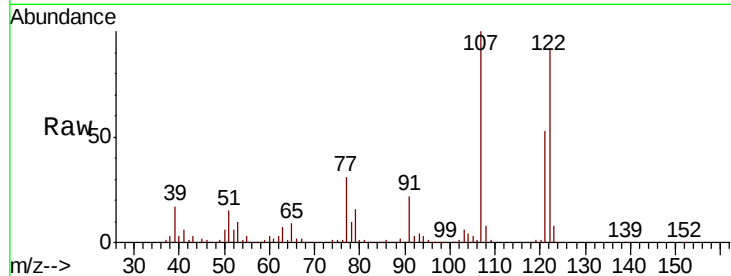




#27  
 2,4-Dimethylphenol  
 Concen: 47.451 ng  
 RT: 7.79 min Scan# 969  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

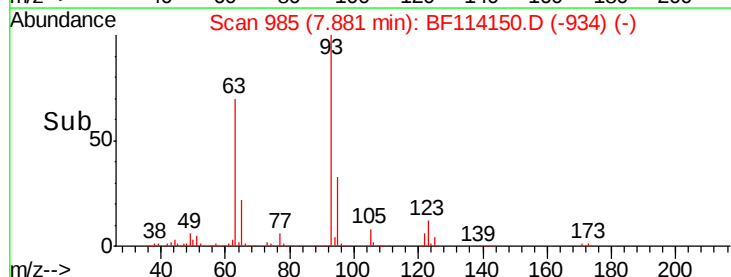
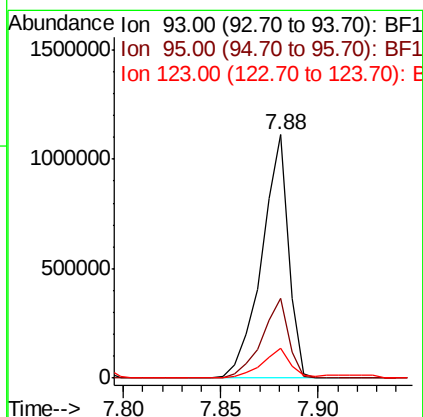
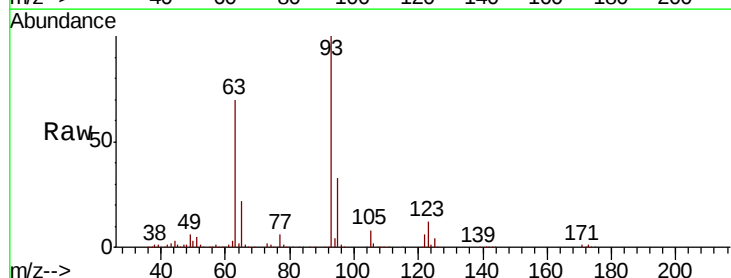
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion:122 Resp: 779866  
 Ion Ratio Lower Upper  
 122 100  
 107 108.7 88.4 132.6  
 121 57.5 45.9 68.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.523 ng  
 RT: 7.88 min Scan# 985  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 93 Resp: 1058124  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 26.8 40.2  
 123 12.4 9.5 14.3

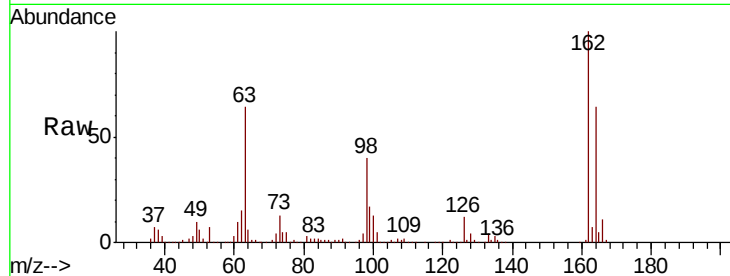




#29  
 2,4-Dichlorophenol  
 Concen: 42.738 ng  
 RT: 7.99 min Scan# 1004  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 43.6  | 83.6  |
| 98      | 39.9  | 20.6  | 60.6  |

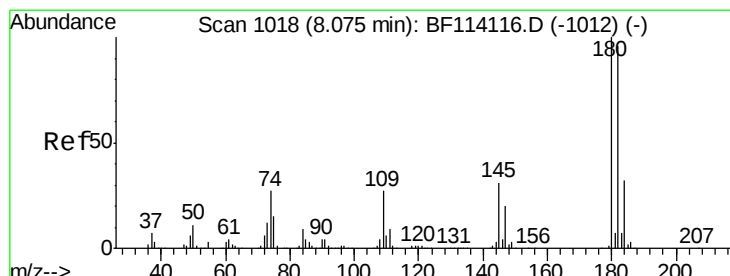
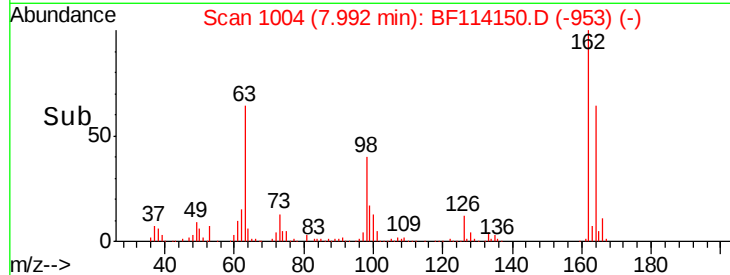
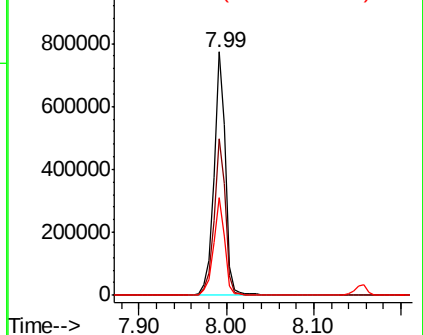


Abundance

Ion 162.00 (161.70 to 162.70): E

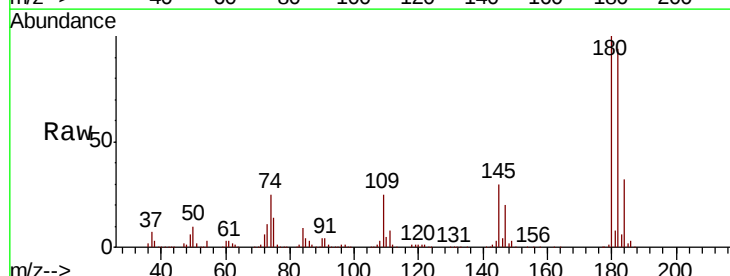
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.656 ng  
 RT: 8.07 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 76.6  | 114.8 |
| 145     | 30.2  | 25.1  | 37.7  |

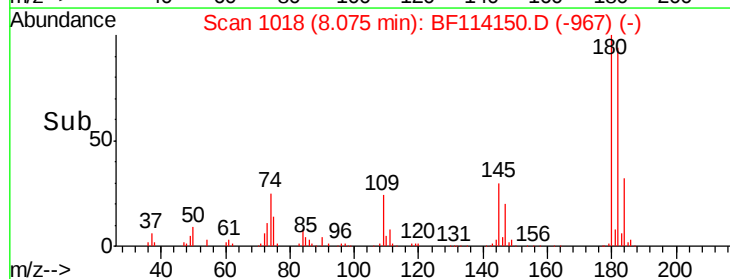
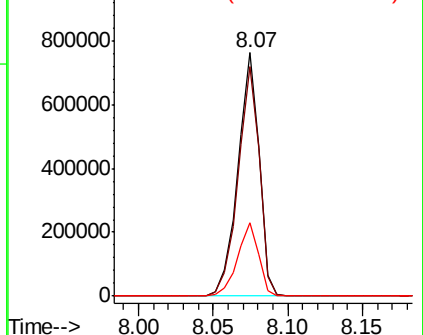


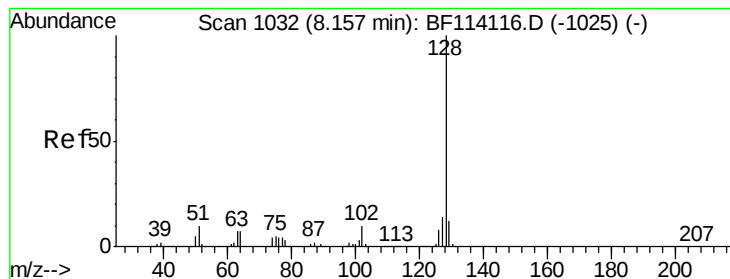
Abundance

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: 43.005 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

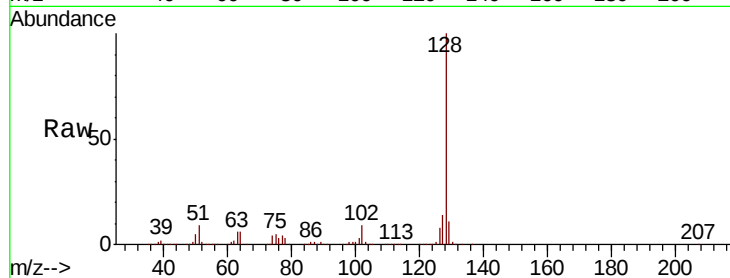
Tgt Ion:128 Resp: 2387377

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

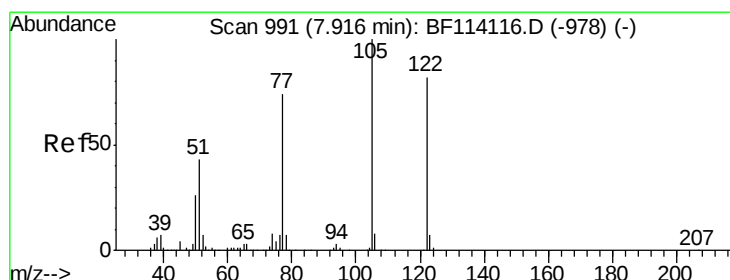
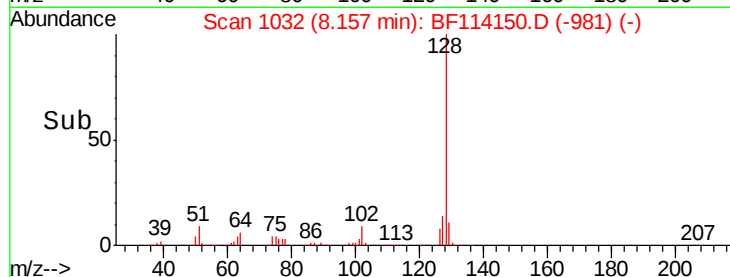
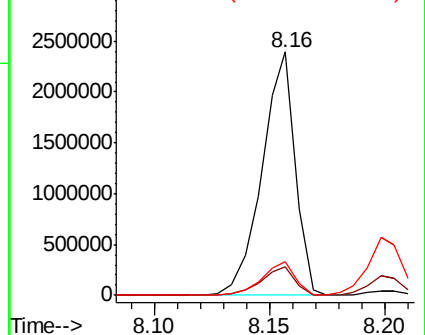
127 13.9 11.3 16.9



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: 46.186 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

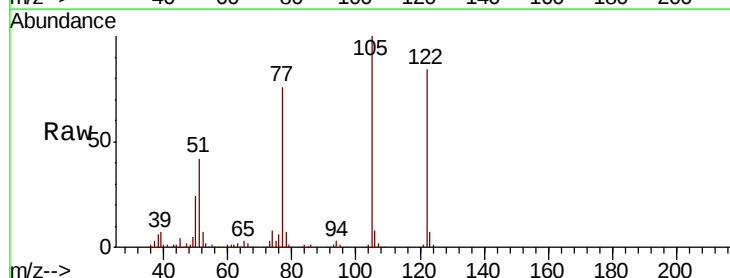
Tgt Ion:122 Resp: 537610

Ion Ratio Lower Upper

122 100

105 119.2 99.9 139.9

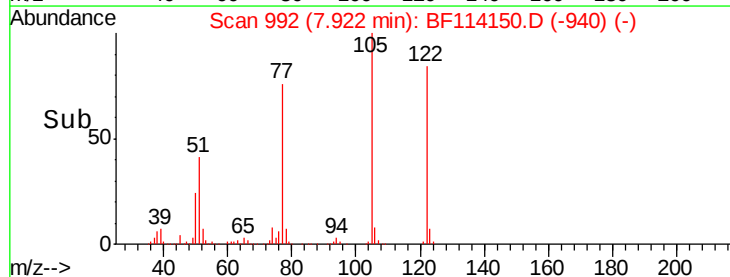
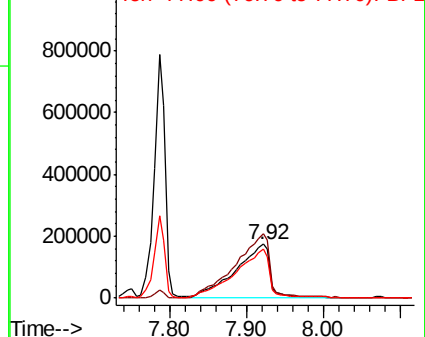
77 91.0 69.4 109.4



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

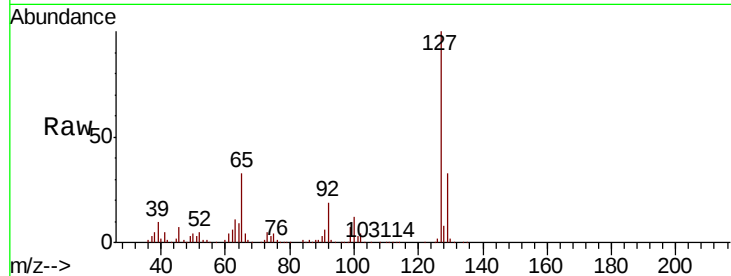




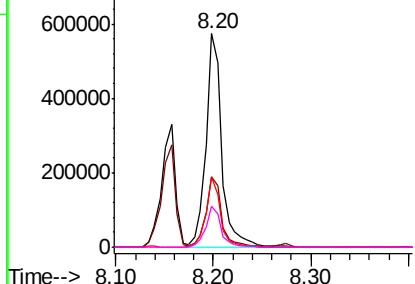
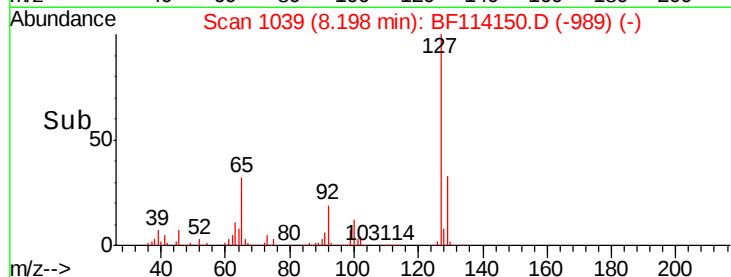
#33  
4-Chloroaniline  
Concen: 25.466 ng  
RT: 8.20 min Scan# 1039  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 644219 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.7  | 40.1   |
| 65       | 32.7  | 25.4  | 38.0   |
| 92       | 19.3  | 15.4  | 23.2   |

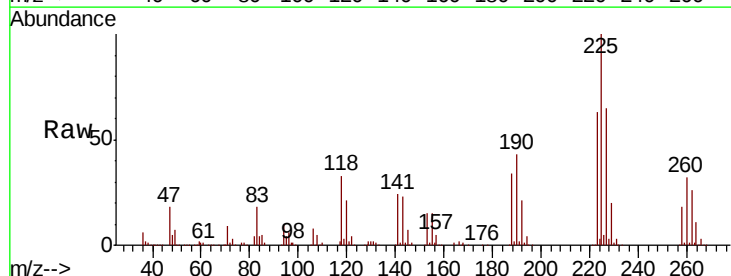


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

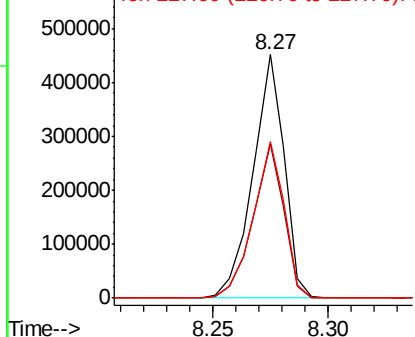
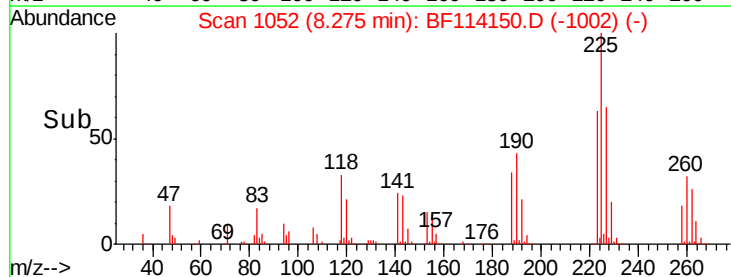


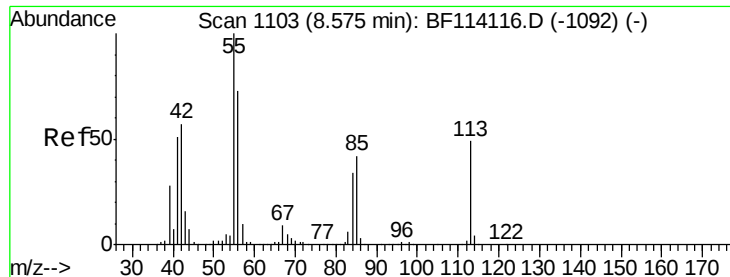
#34  
Hexachlorobutadiene  
Concen: 40.307 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 426805 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.2  | 75.2   |
| 227      | 64.5  | 52.6  | 79.0   |



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

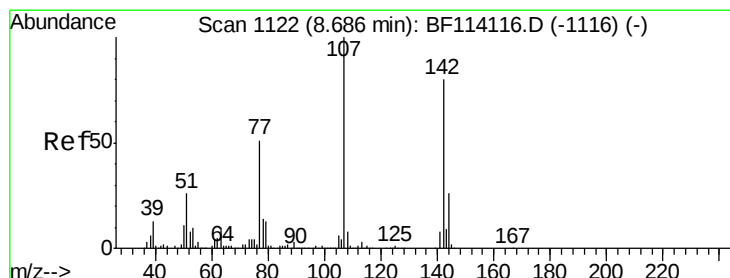
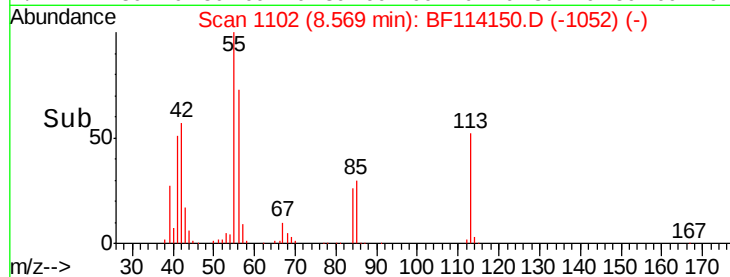
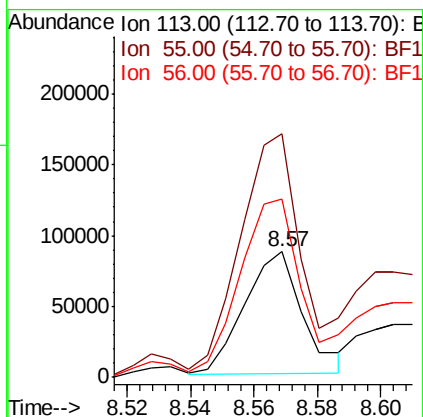
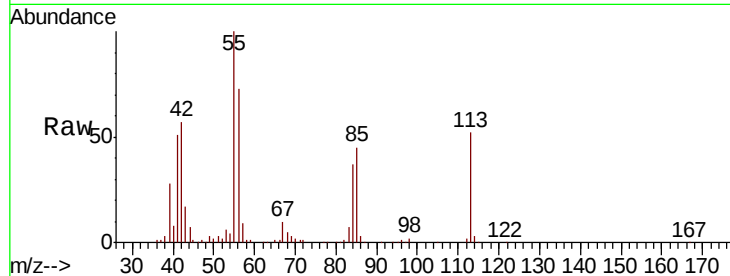




#35  
 Caprolactam  
 Concen: 20.424 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

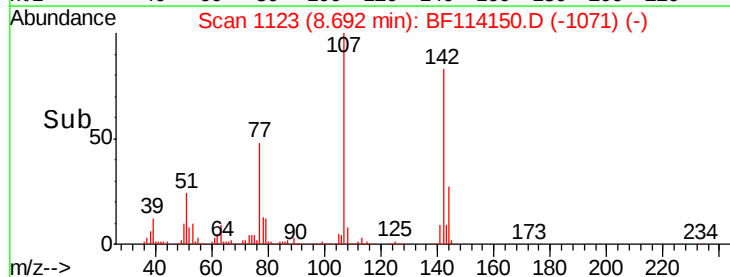
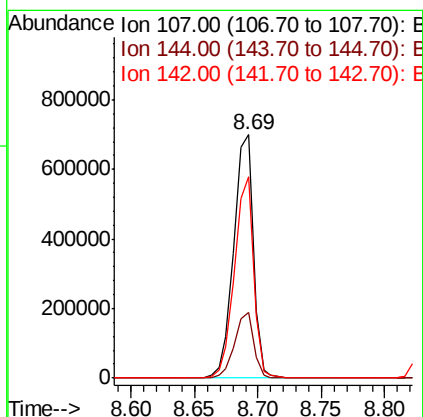
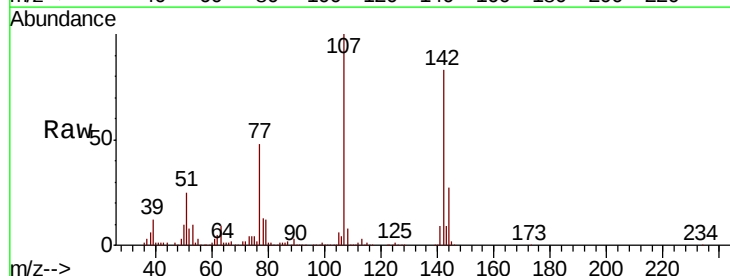
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

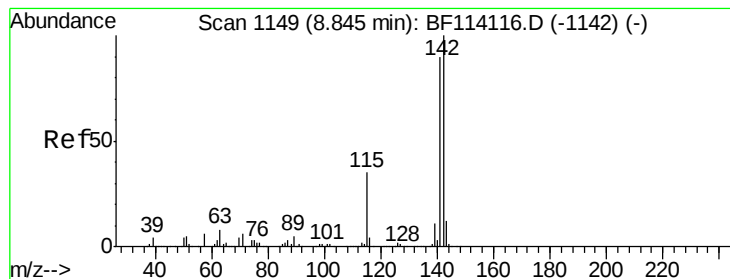
Tgt Ion:113 Resp: 108993  
 Ion Ratio Lower Upper  
 113 100  
 55 193.8 183.5 223.5  
 56 141.7 128.8 168.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.536 ng  
 RT: 8.69 min Scan# 1123  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:107 Resp: 750135  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 20.4 30.6  
 142 82.6 64.2 96.4





#37

2-Methylnaphthalene

Concen: 45.164 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

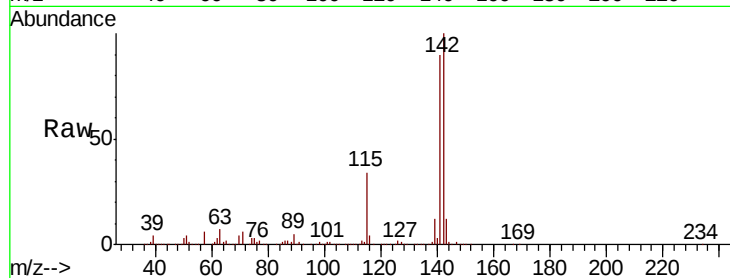
Tgt Ion:142 Resp: 1617653

Ion Ratio Lower Upper

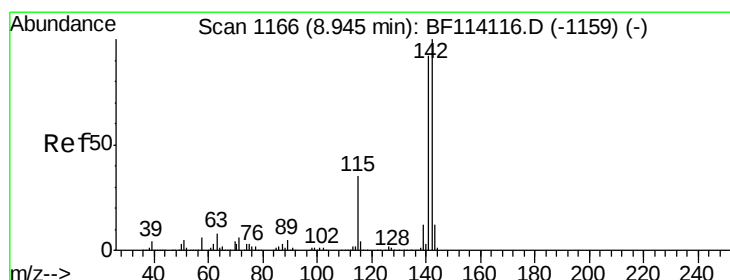
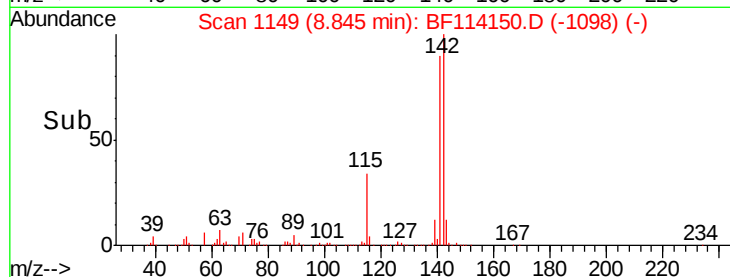
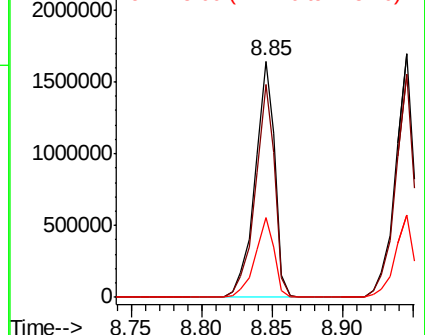
142 100

141 89.8 72.1 108.1

115 33.8 28.0 42.0



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



#38

1-Methylnaphthalene

Concen: 45.036 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

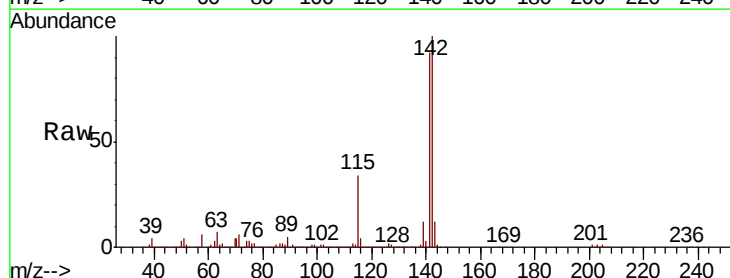
Tgt Ion:142 Resp: 1519077

Ion Ratio Lower Upper

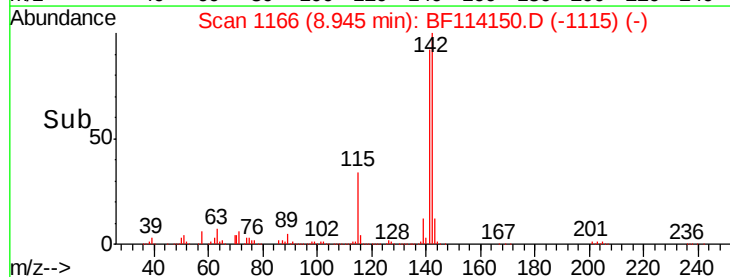
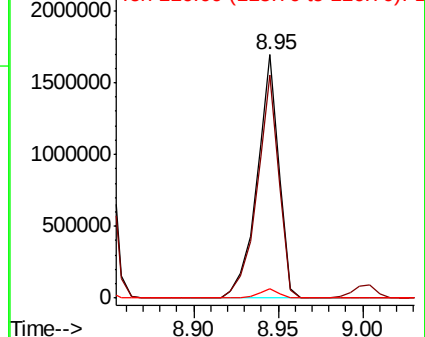
142 100

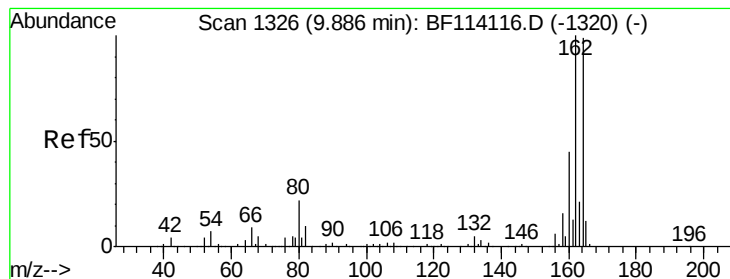
141 91.9 73.4 110.0

116 3.6 3.1 4.7



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

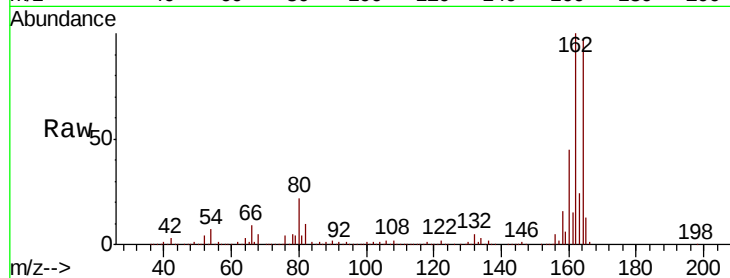
Tgt Ion:164 Resp: 601886

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

160 46.3 36.5 54.7

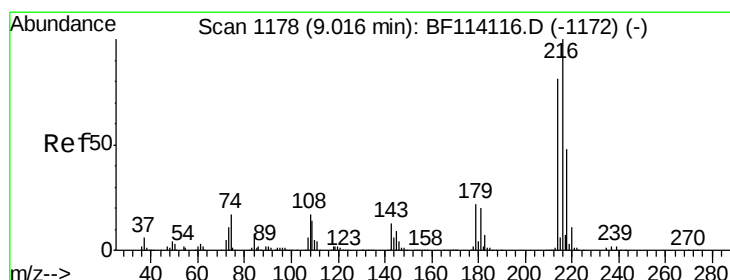
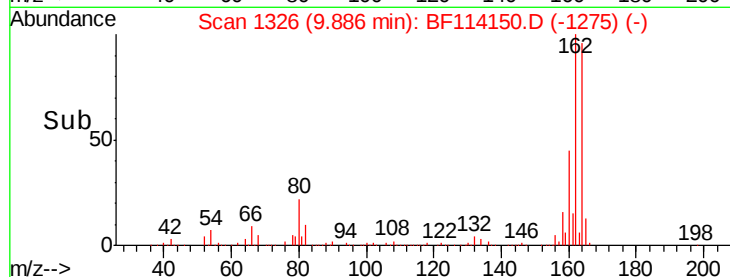
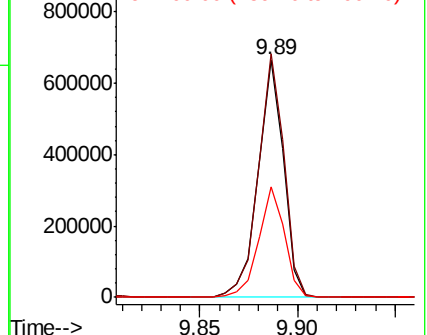


Abundance

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: 39.304 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:216 Resp: 716611

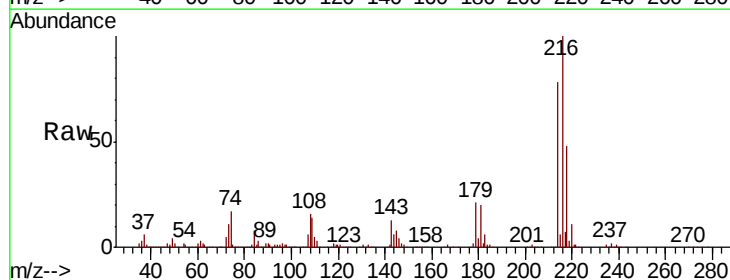
Ion Ratio Lower Upper

216 100

214 78.3 63.9 95.9

179 20.7 17.0 25.6

108 20.2 14.8 22.2



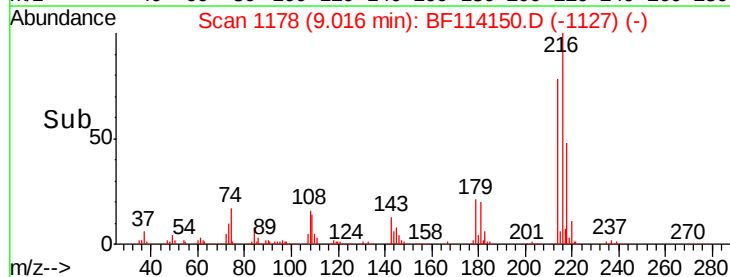
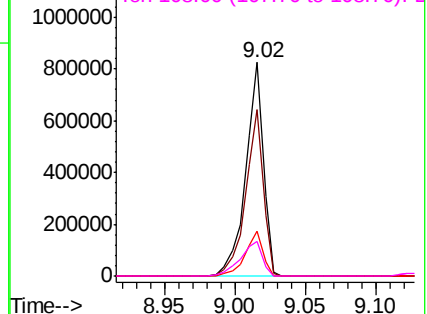
Abundance

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

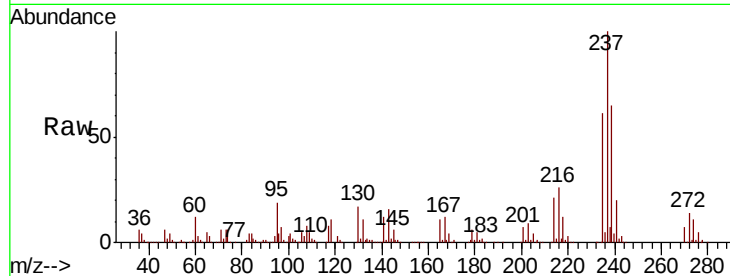




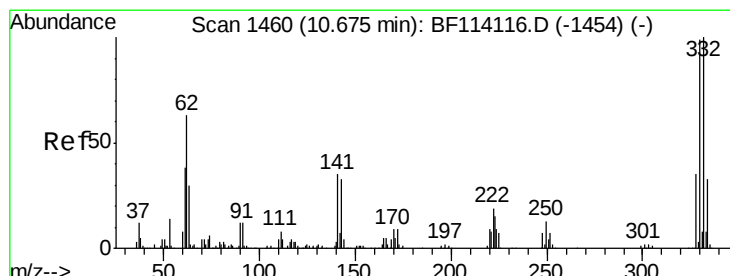
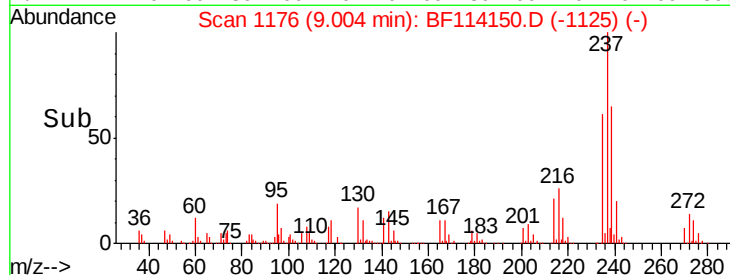
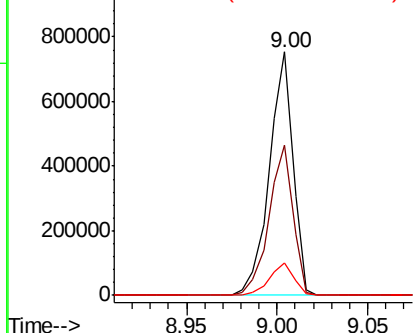
#41  
Hexachlorocyclopentadiene  
Concen: 80.489 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

Tgt Ion: 237 Resp: 683924  
Ion Ratio Lower Upper  
237 100  
235 61.5 42.0 82.0  
272 13.5 0.0 32.4

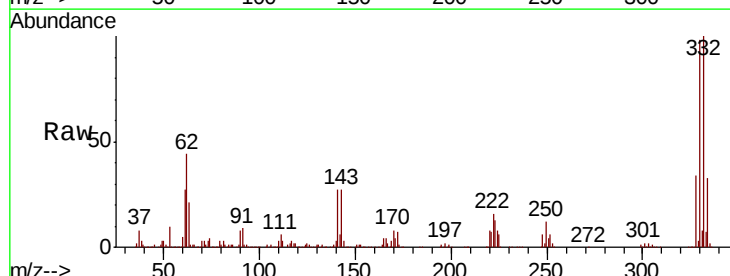


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

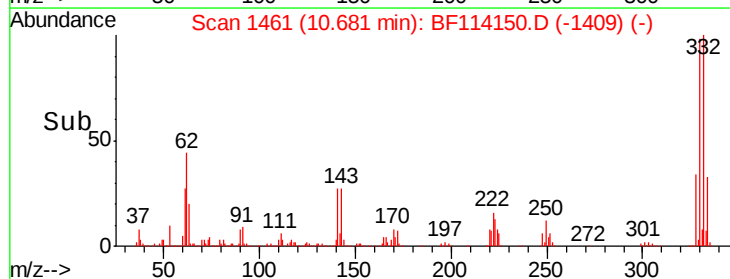
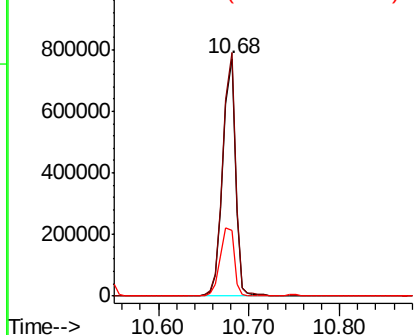


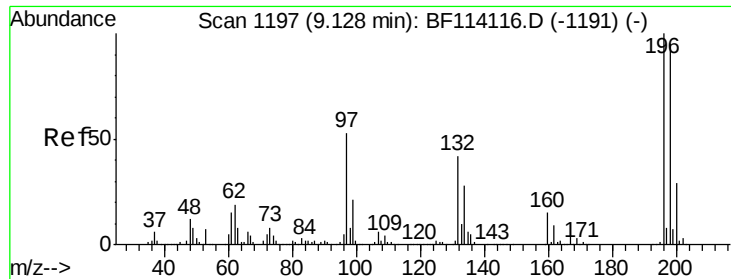
#42  
2,4,6-Tribromophenol  
Concen: 119.993 ng  
RT: 10.68 min Scan# 1461  
Delta R.T. 0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Tgt Ion: 330 Resp: 746655  
Ion Ratio Lower Upper  
330 100  
332 102.7 81.4 122.2  
141 31.8 26.6 40.0



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

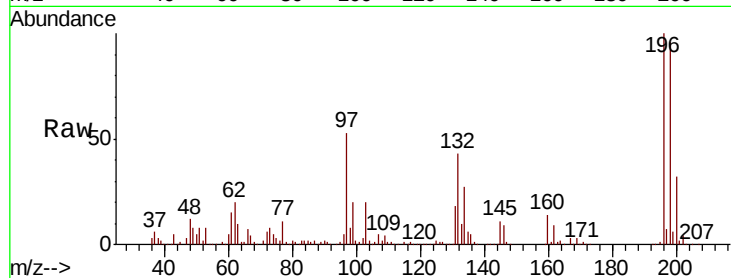




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.820 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 75.9  | 113.9 |
| 200     | 31.9  | 23.5  | 35.3  |

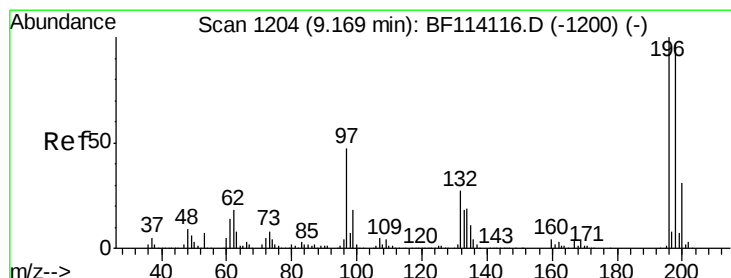
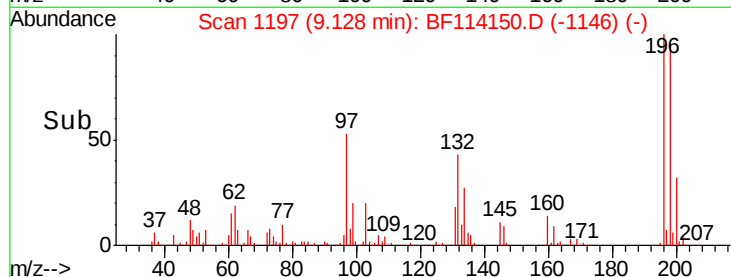
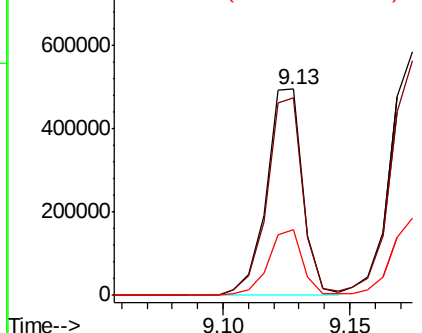


Abundance

Ion 196.00 (195.70 to 196.70): E

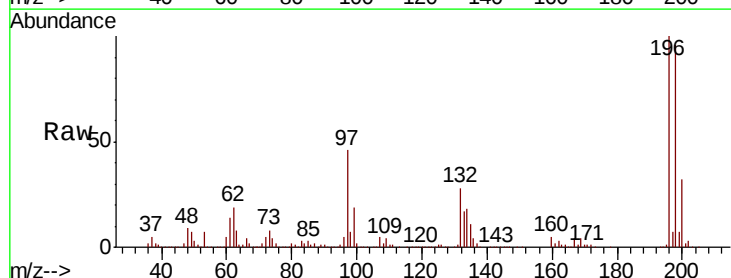
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.563 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.2  | 77.7  | 116.5 |
| 97      | 46.5  | 38.2  | 57.2  |
| 132     | 27.9  | 21.4  | 32.2  |



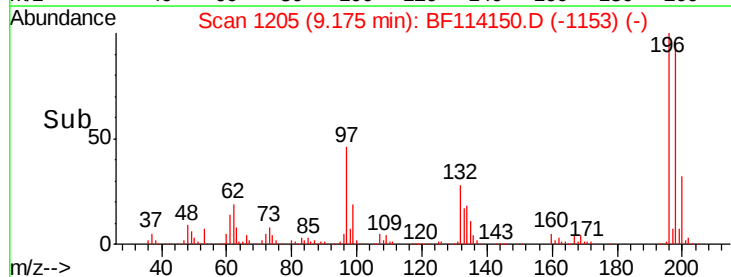
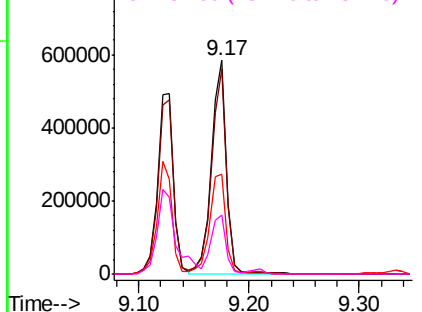
Abundance

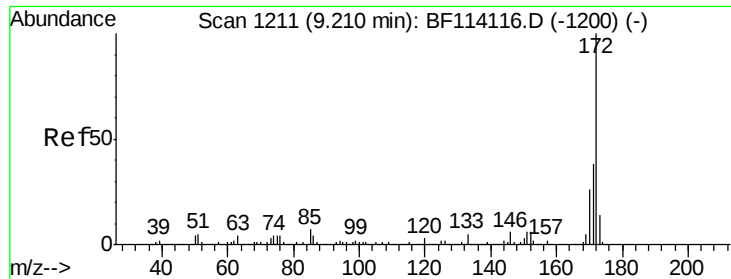
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

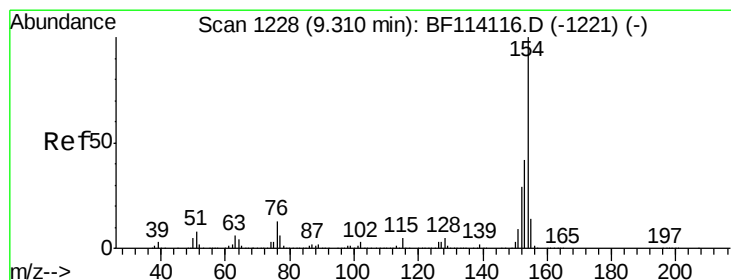
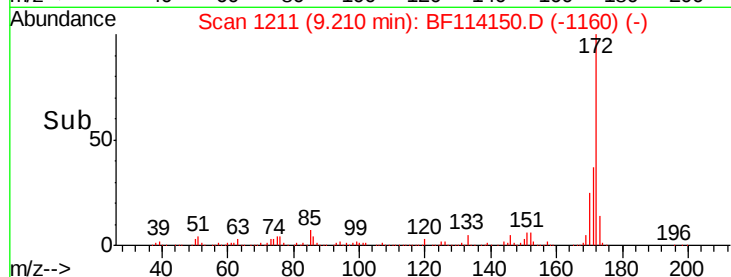
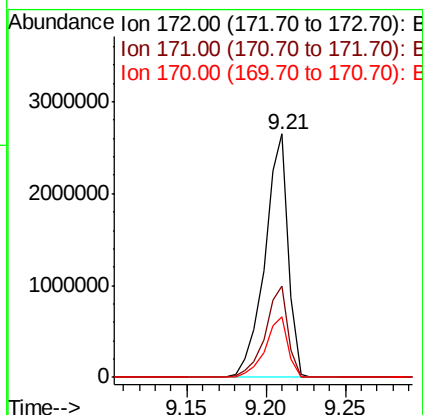
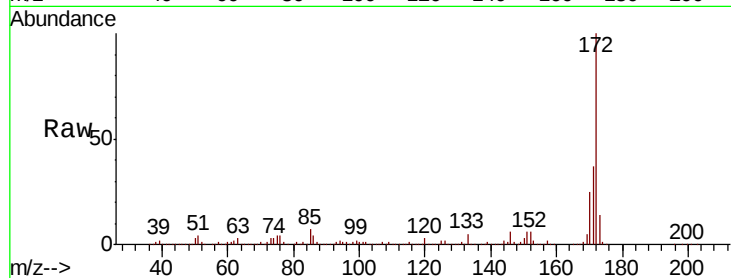




#45  
 2-Fluorobiphenyl  
 Concen: 68.460 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

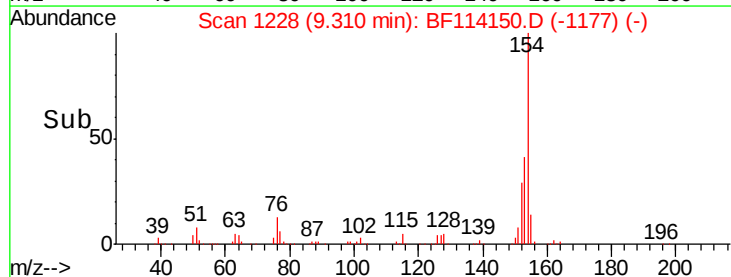
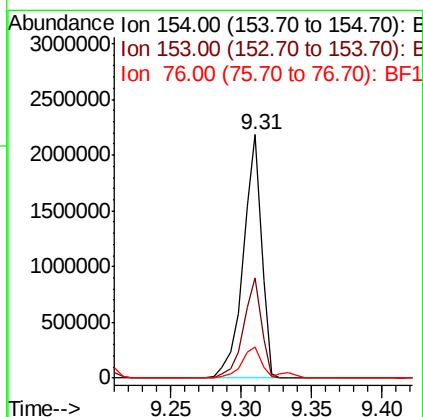
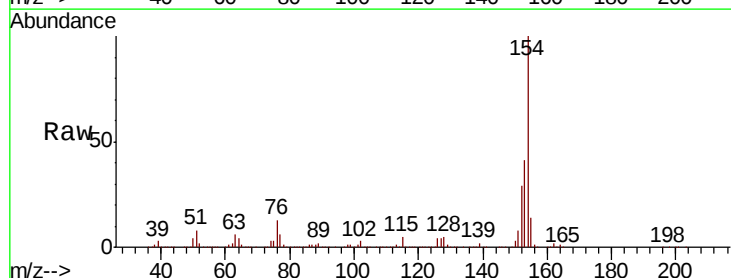
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

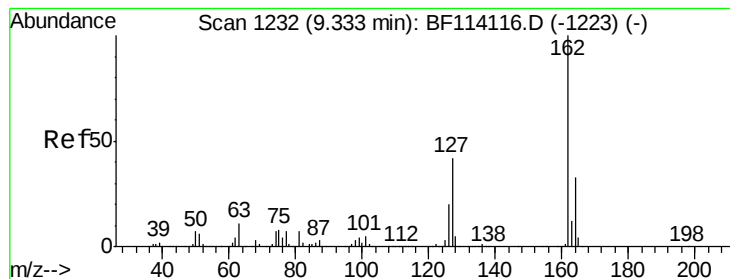
Tgt Ion:172 Resp: 2723989  
 Ion Ratio Lower Upper  
 172 100  
 171 37.4 30.7 46.1  
 170 25.1 20.5 30.7



#46  
 1,1'-Biphenyl  
 Concen: 40.428 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:154 Resp: 1965771  
 Ion Ratio Lower Upper  
 154 100  
 153 41.3 21.9 61.9  
 76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 38.336 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

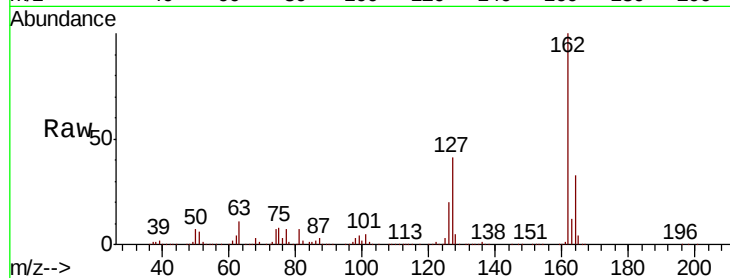
Tgt Ion: 162 Resp: 1500175

Ion Ratio Lower Upper

162 100

127 41.2 34.0 51.0

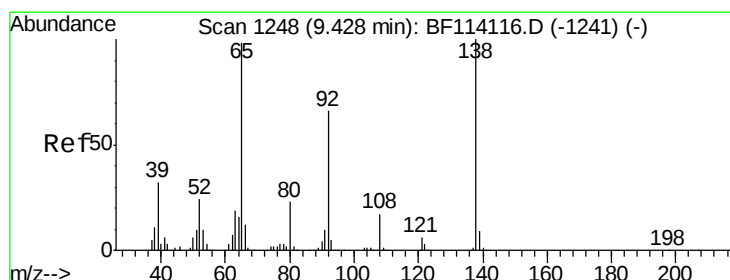
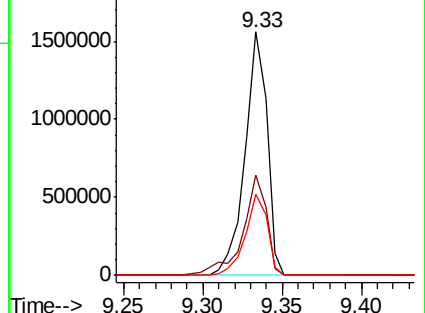
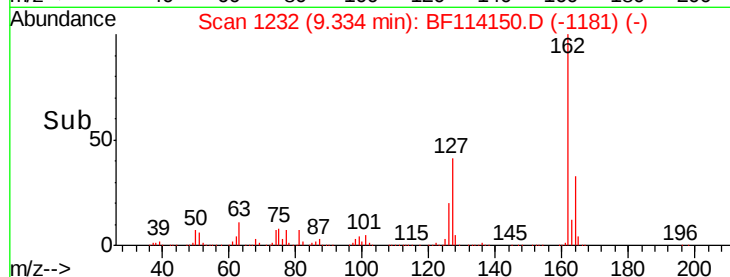
164 33.4 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.260 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

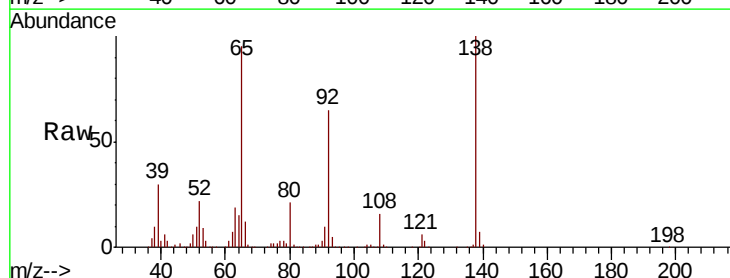
Tgt Ion: 65 Resp: 517097

Ion Ratio Lower Upper

65 100

92 68.3 53.9 80.9

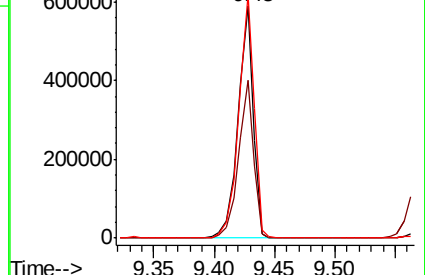
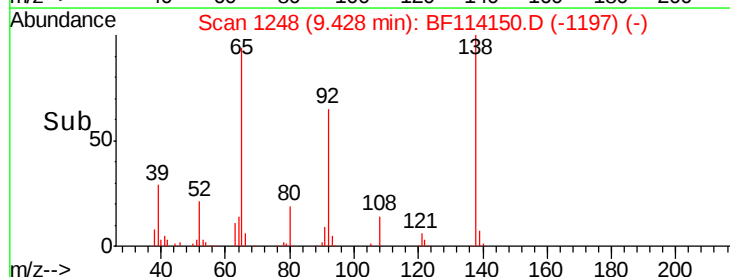
138 105.1 81.4 122.0

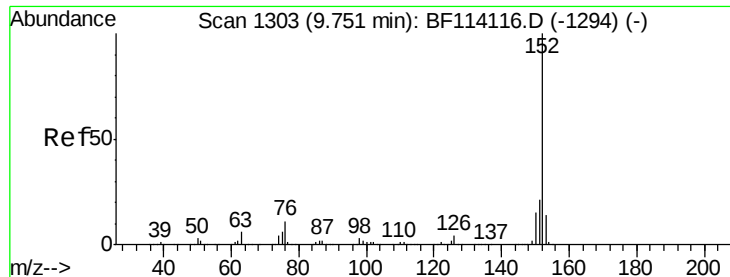


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.164 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

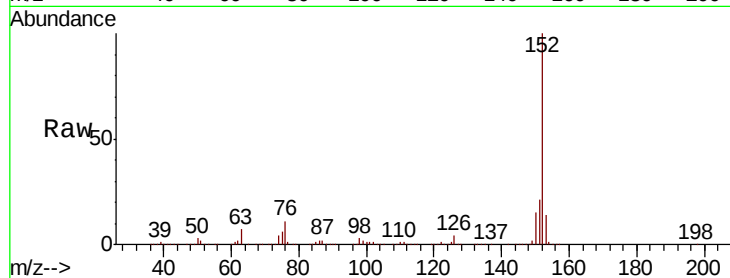
Tgt Ion:152 Resp: 2449997

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

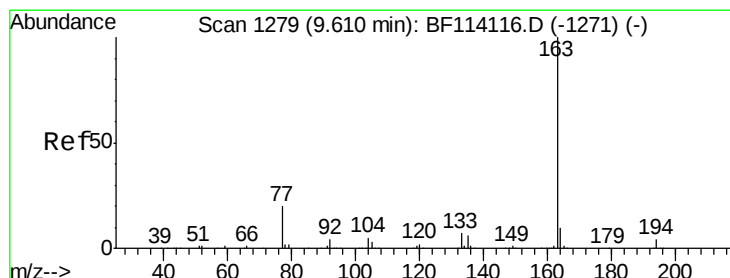
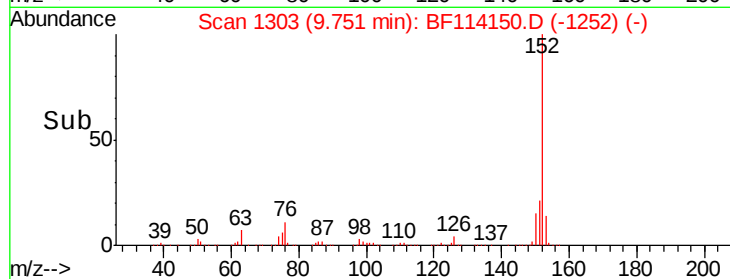
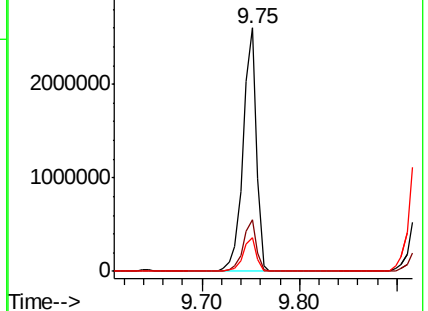
153 14.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.085 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

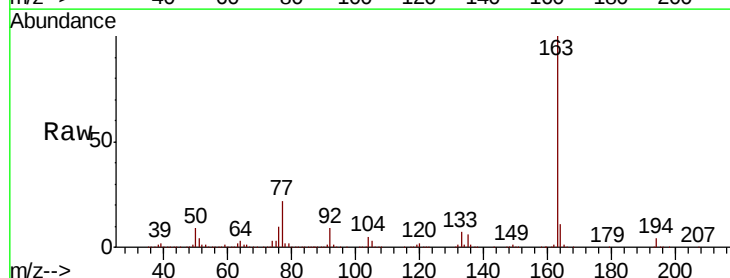
Tgt Ion:163 Resp: 1726926

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

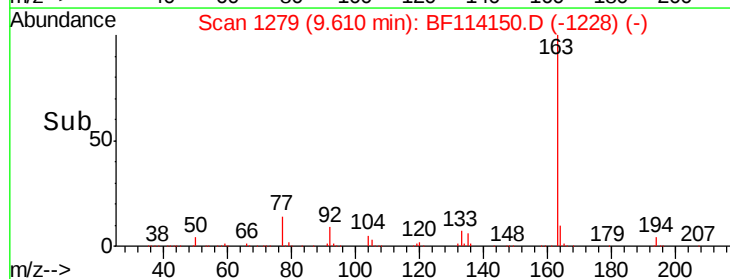
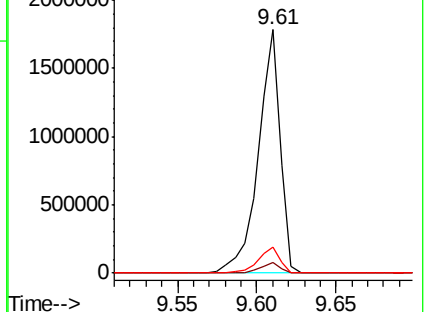
164 10.6 8.2 12.2

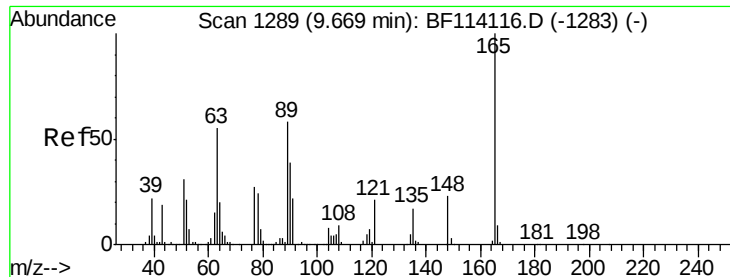


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

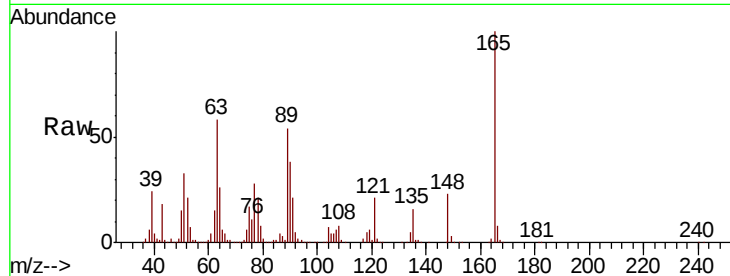




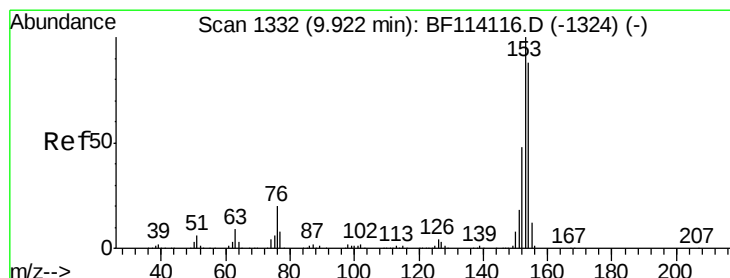
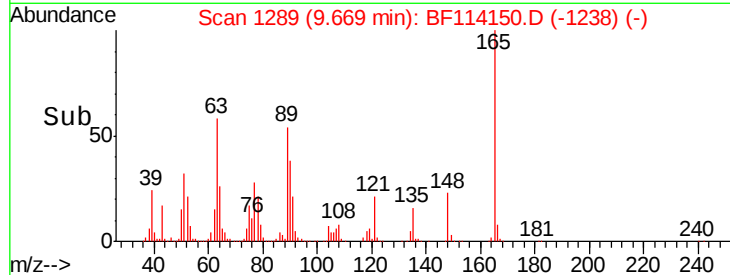
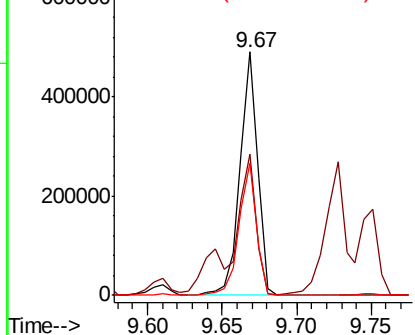
#51  
 2,6-Dinitrotoluene  
 Concen: 41.243 ng  
 RT: 9.67 min Scan# 1289  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion:165 Resp: 404181  
 Ion Ratio Lower Upper  
 165 100  
 63 57.8 50.2 75.4  
 89 54.1 46.6 69.8

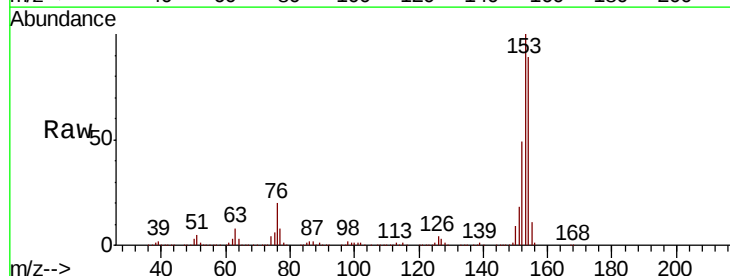


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

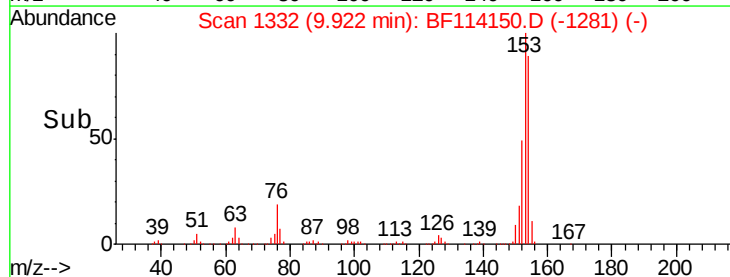
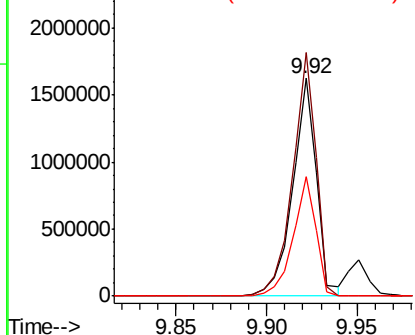


#52  
 Acenaphthene  
 Concen: 41.046 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:154 Resp: 1499108  
 Ion Ratio Lower Upper  
 154 100  
 153 111.8 90.5 135.7  
 152 55.1 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

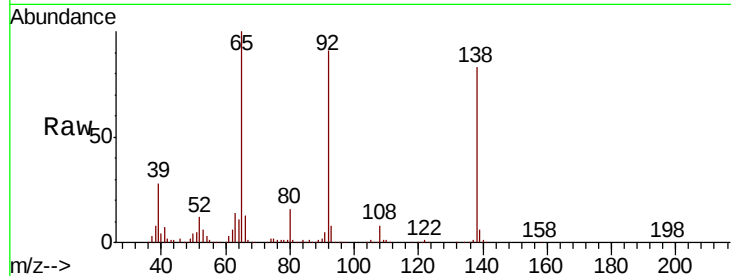




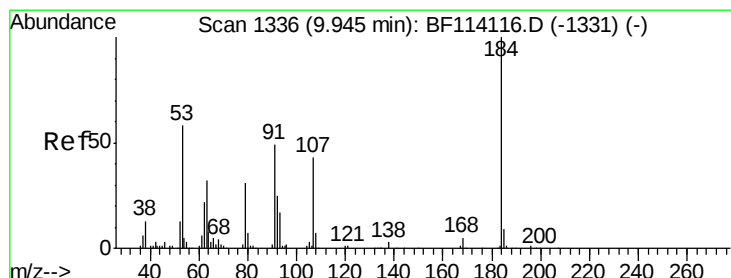
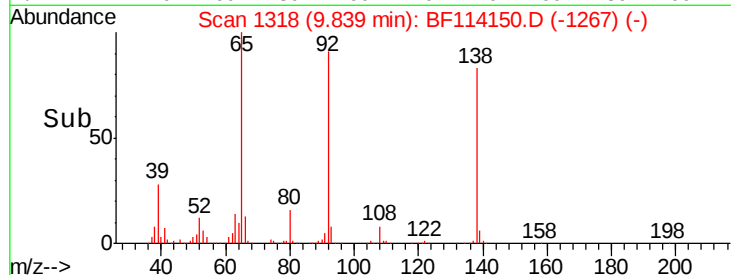
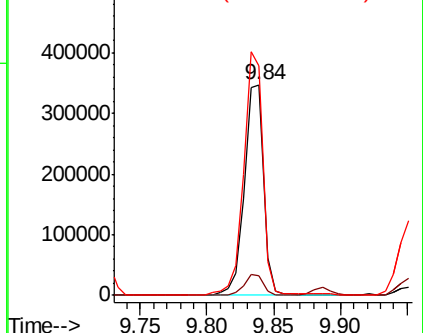
#53  
 3-Nitroaniline  
 Concen: 28.441 ng  
 RT: 9.84 min Scan# 1318  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion:138 Resp: 345990  
 Ion Ratio Lower Upper  
 138 100  
 108 9.6 7.8 11.6  
 92 109.0 91.2 136.8

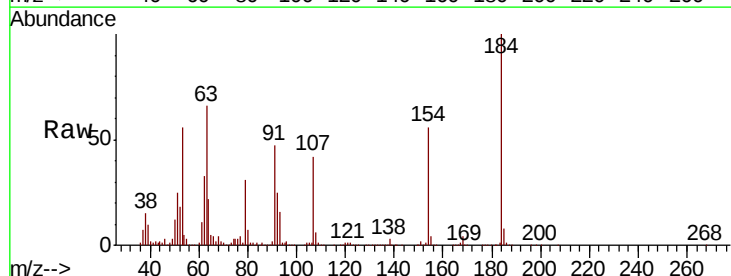


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

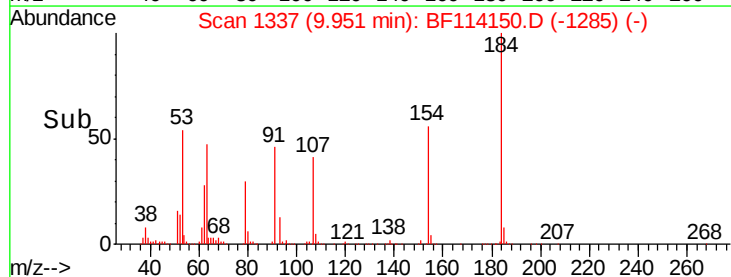
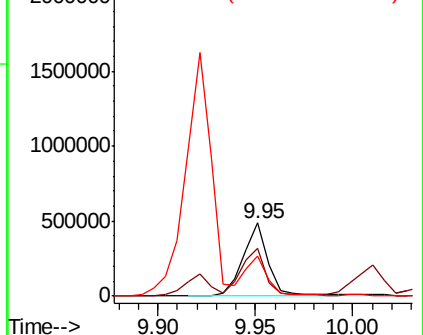


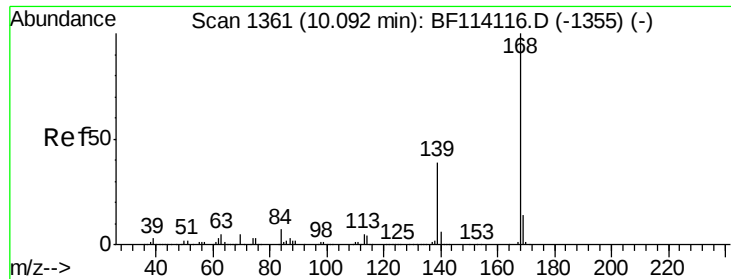
#54  
 2,4-Dinitrophenol  
 Concen: 87.567 ng  
 RT: 9.95 min Scan# 1337  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:184 Resp: 434943  
 Ion Ratio Lower Upper  
 184 100  
 63 66.0 55.6 83.4  
 154 55.6 46.0 69.0



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

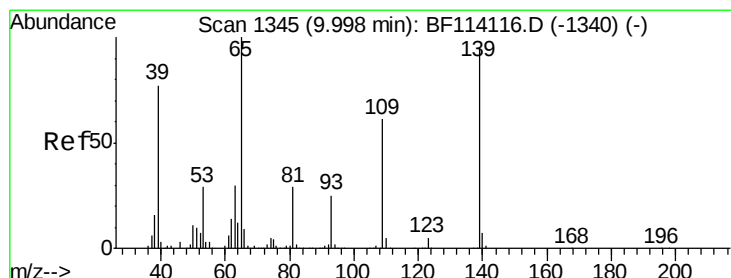
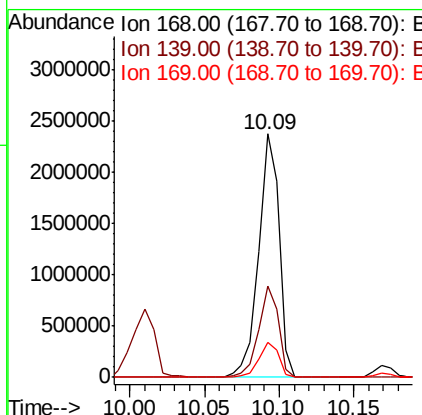
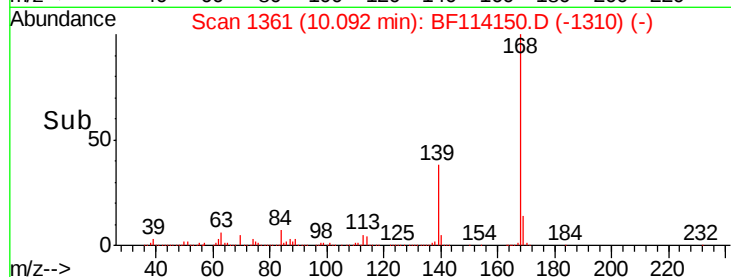
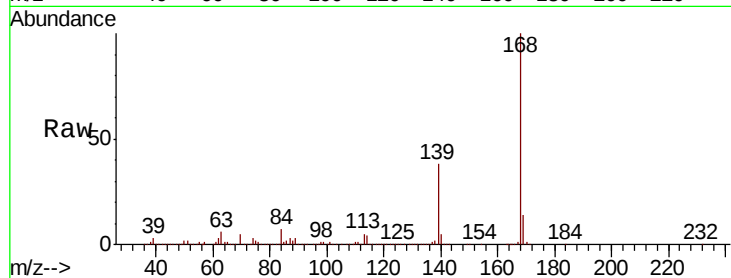




#55  
Dibenzofuran  
Concen: 41.460 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. 0.00 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

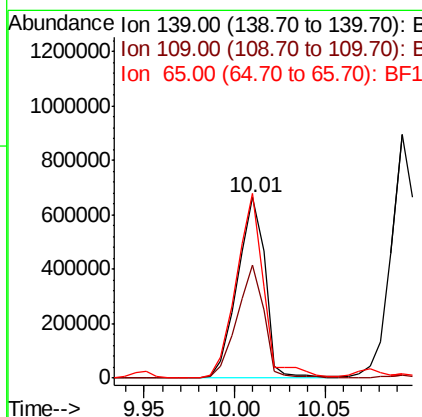
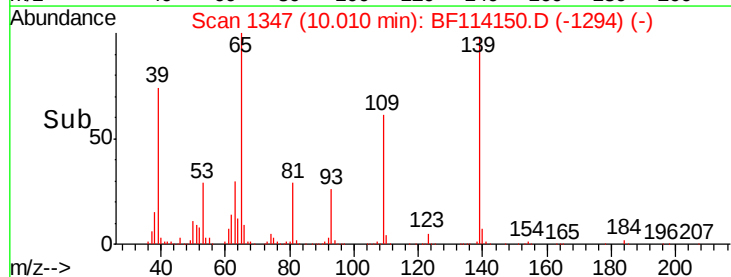
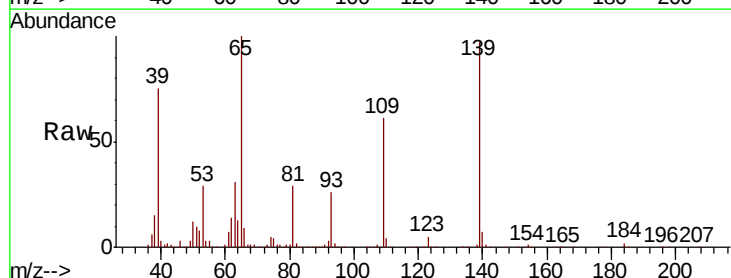
Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

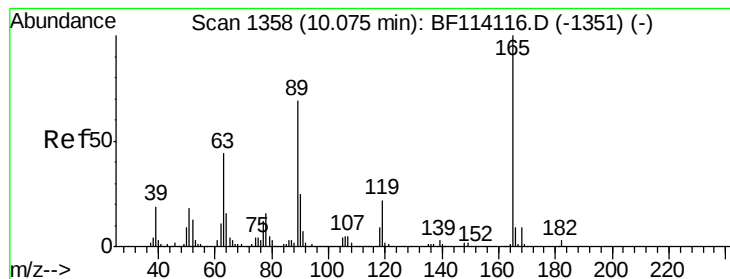
Tgt Ion:168 Resp: 2220385  
Ion Ratio Lower Upper  
168 100  
139 37.7 31.1 46.7  
169 14.4 11.4 17.0



#56  
4-Nitrophenol  
Concen: 82.310 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Tgt Ion:139 Resp: 708124  
Ion Ratio Lower Upper  
139 100  
109 62.3 43.9 83.9  
65 102.6 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 42.540 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

Tgt Ion:165 Resp: 565841

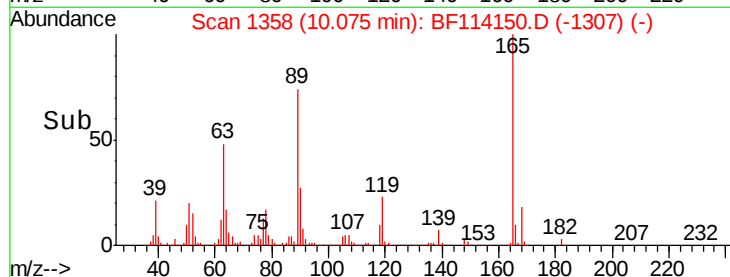
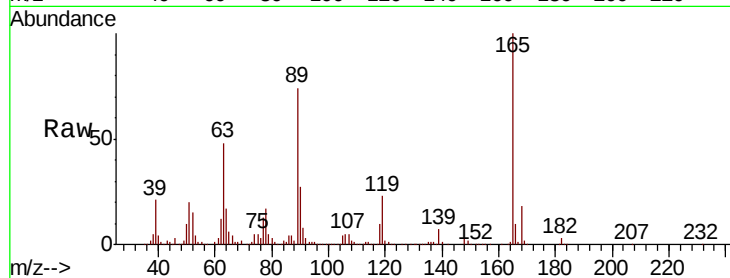
Ion Ratio Lower Upper

165 100

63 48.3 35.5 53.3

89 74.4 55.2 82.8

182 2.5 2.2 3.2

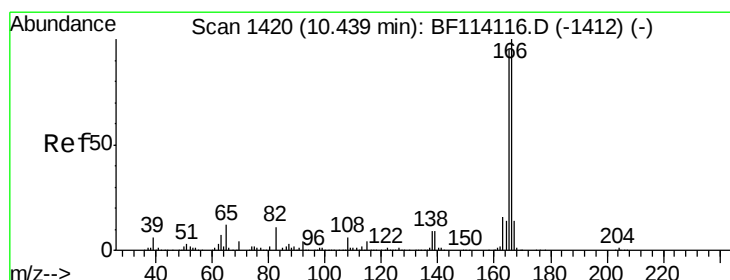
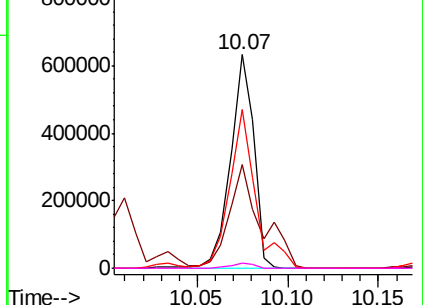


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.888 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

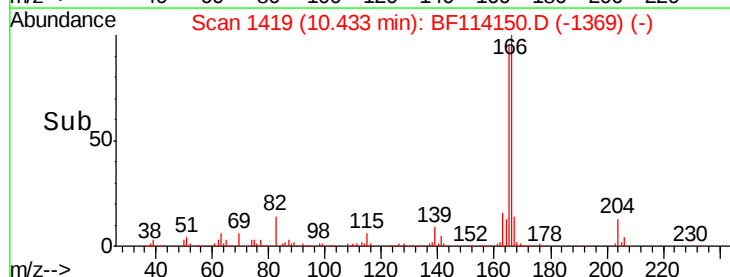
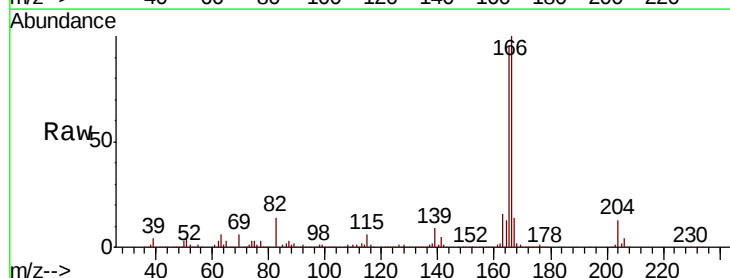
Tgt Ion:166 Resp: 1691404

Ion Ratio Lower Upper

166 100

165 94.5 76.1 114.1

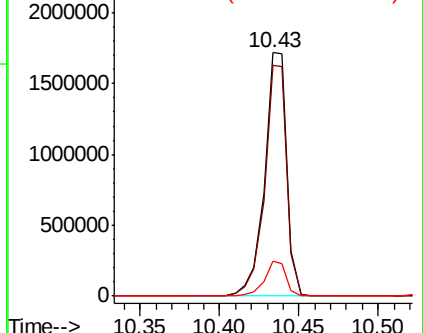
167 14.1 11.1 16.7

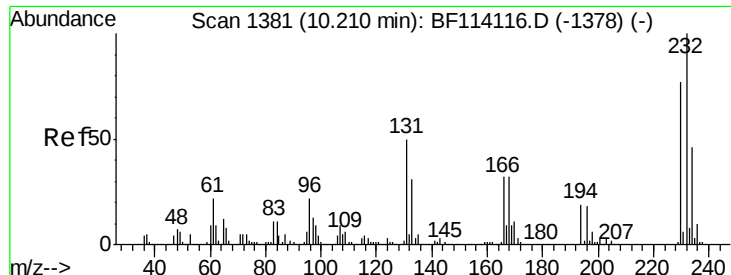


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

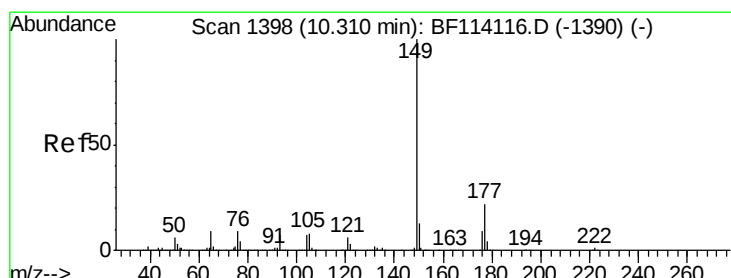
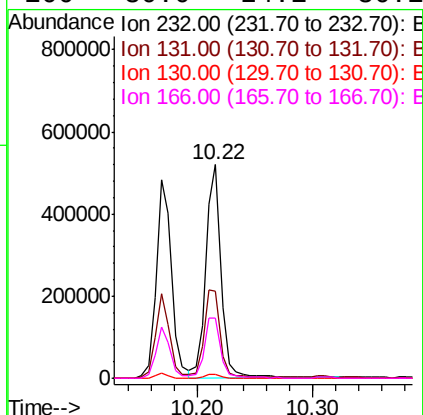
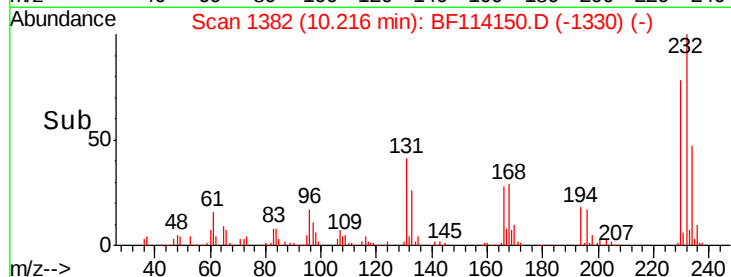
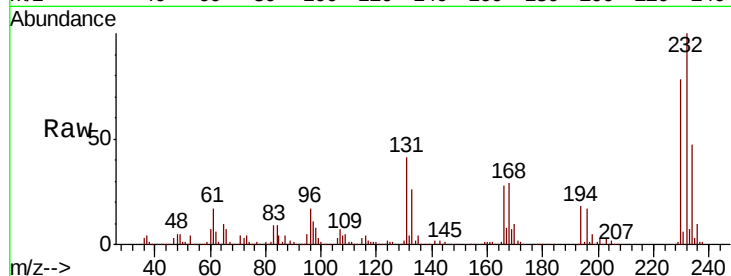




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.101 ng  
 RT: 10.22 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

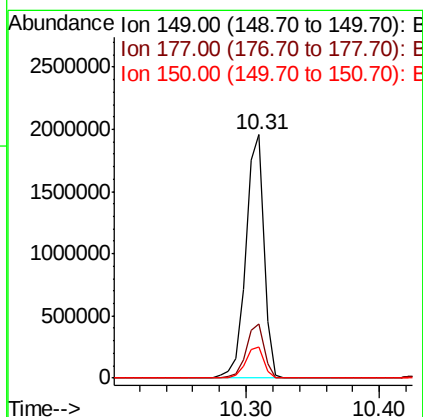
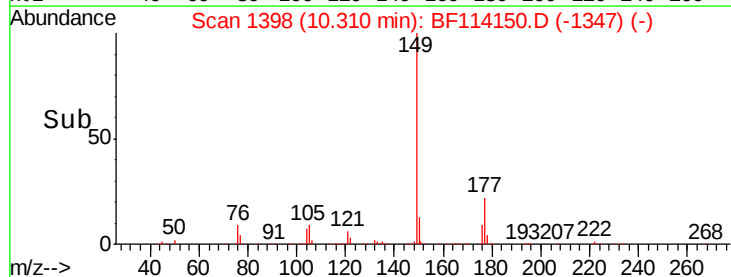
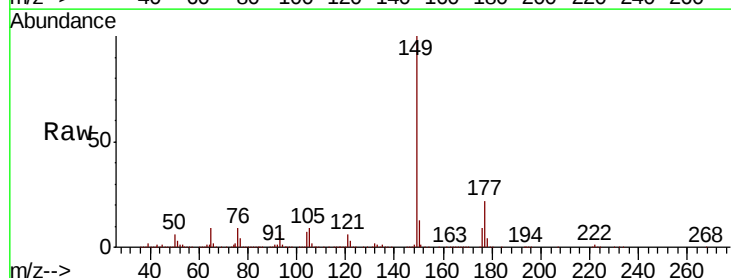
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

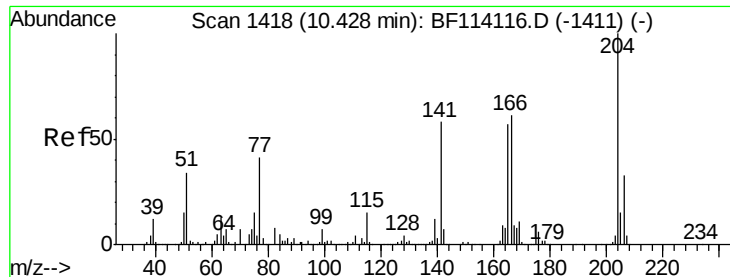
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.3  | 35.6  | 53.4  |
| 130     | 2.2   | 1.6   | 2.4   |
| 166     | 30.0  | 24.1  | 36.1  |



#60  
 Diethylphthalate  
 Concen: 40.631 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.5  | 17.8  | 26.6  |
| 150     | 13.0  | 10.2  | 15.2  |

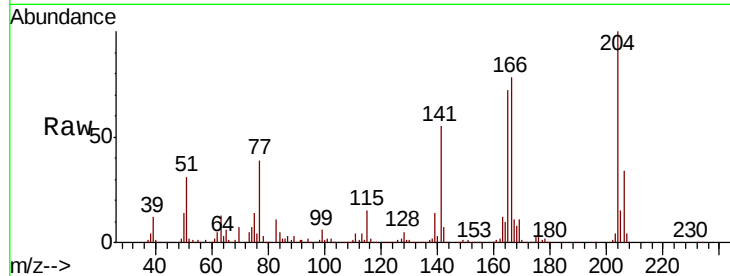




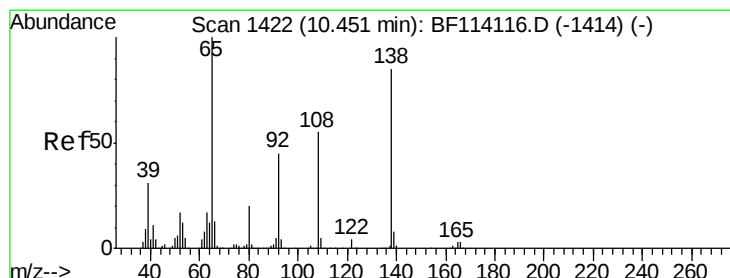
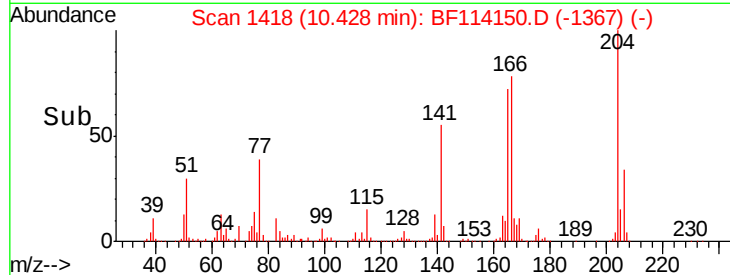
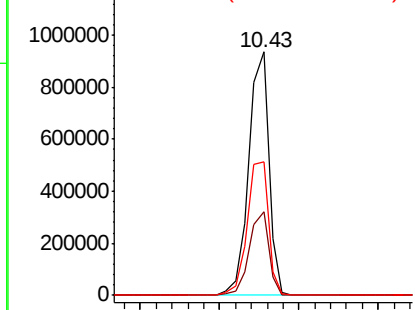
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.460 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 822034 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 34.1  | 26.6  | 39.8   |
| 141      | 55.0  | 46.4  | 69.6   |

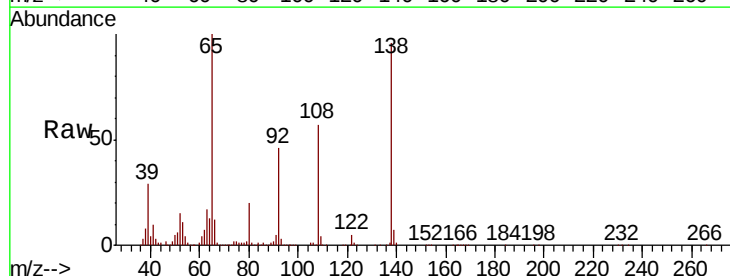


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

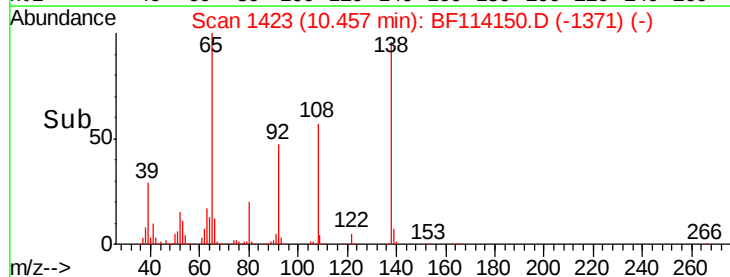
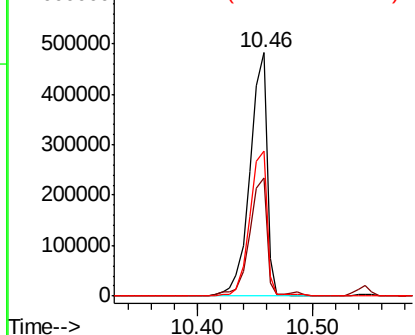


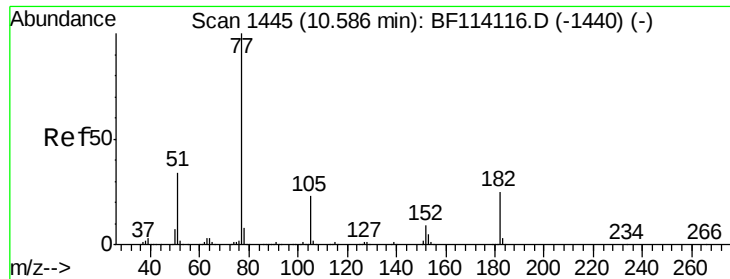
#62  
 4-Nitroaniline  
 Concen: 38.878 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. 0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 496985 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 48.5  | 33.0  | 73.0   |
| 108      | 59.8  | 44.9  | 84.9   |



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





#63

Azobenzene

Concen: 41.875 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

Tgt Ion: 77 Resp: 1819671

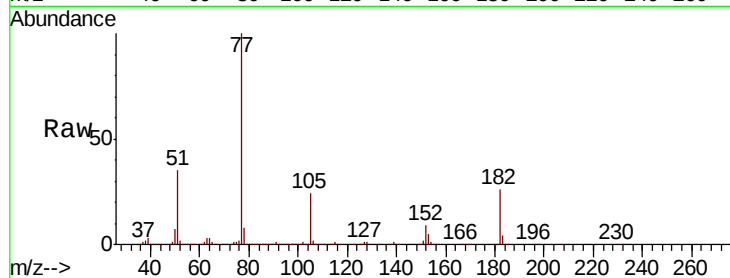
Ion Ratio Lower Upper

77 100

182 25.6 4.7 44.7

105 23.8 2.9 42.9

51 34.9 14.6 54.6

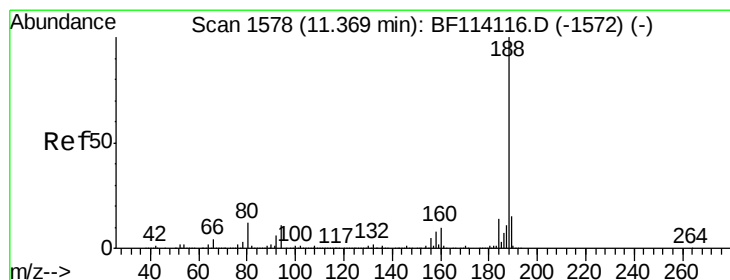
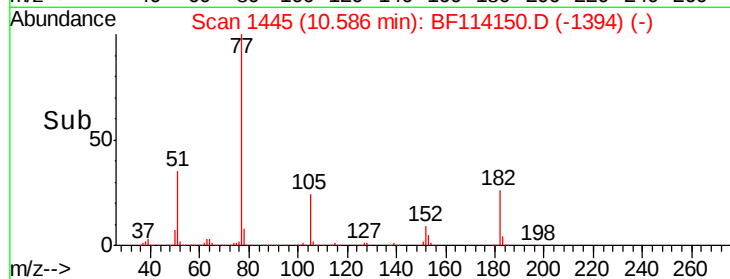
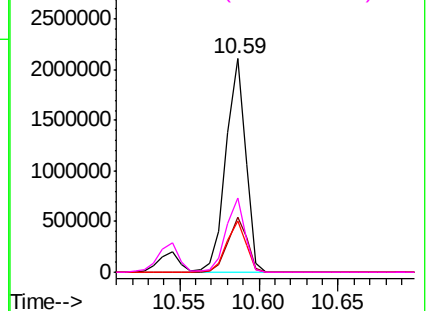


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

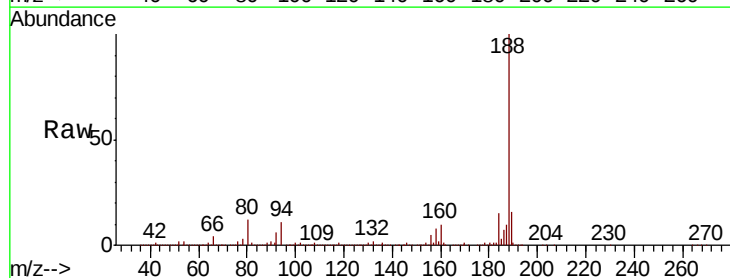
Tgt Ion: 188 Resp: 1205076

Ion Ratio Lower Upper

188 100

94 11.3 8.4 12.6

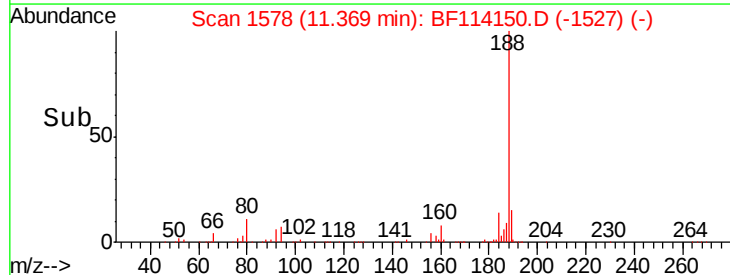
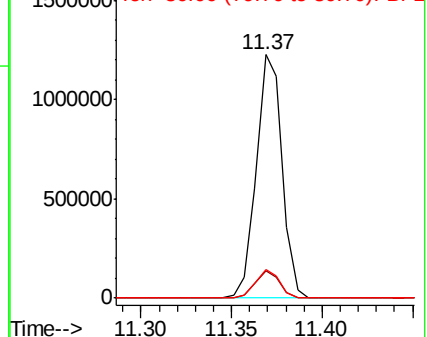
80 11.8 9.2 13.8

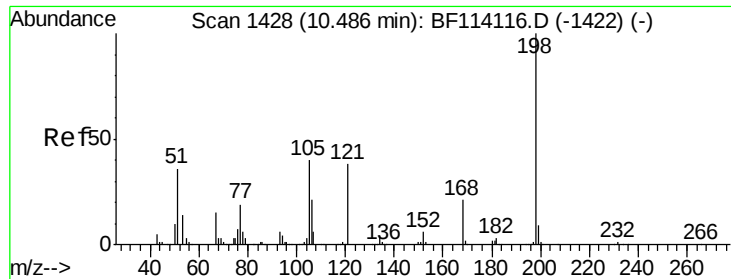


Abundance Ion 188.00 (187.70 to 188.70): E

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: 47.979 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

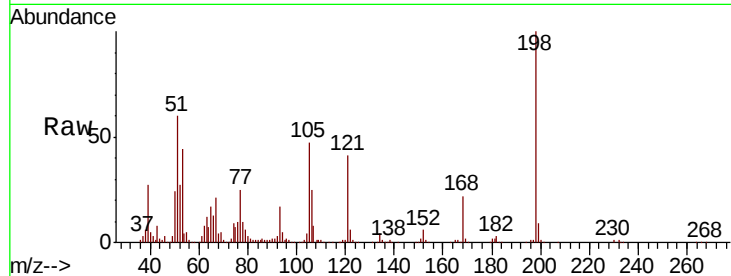
Tgt Ion:198 Resp: 277823

Ion Ratio Lower Upper

198 100

51 60.4 28.0 68.0

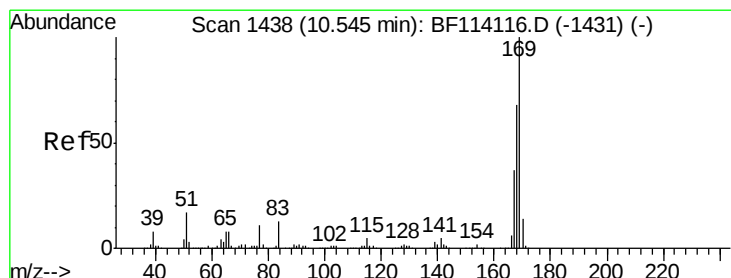
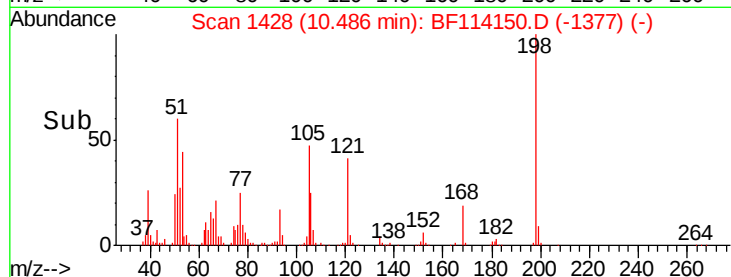
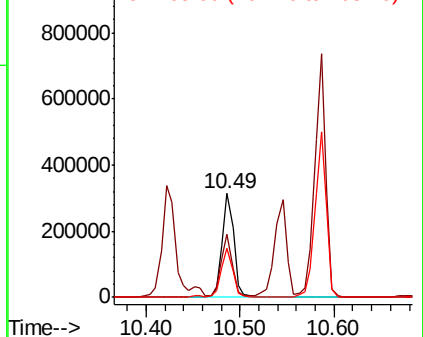
105 47.0 21.1 61.1



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: 43.090 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

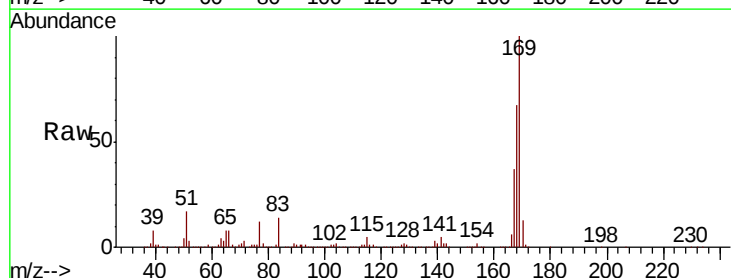
Tgt Ion:169 Resp: 1576005

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

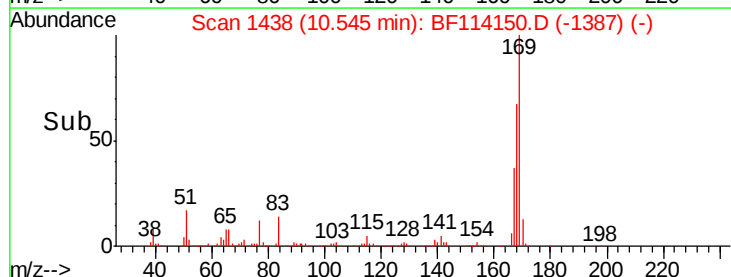
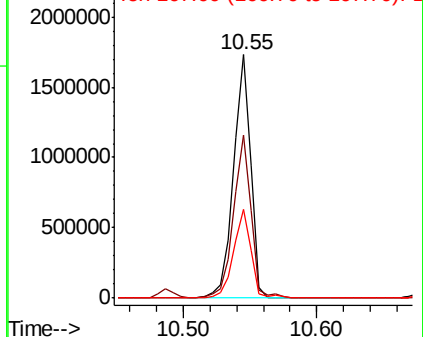
167 36.6 29.8 44.8

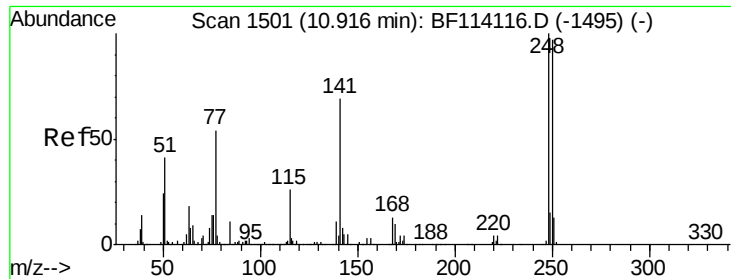


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

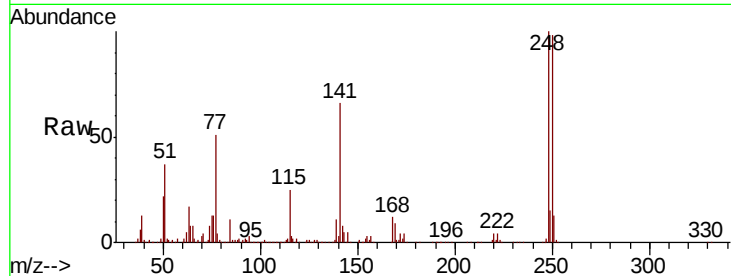




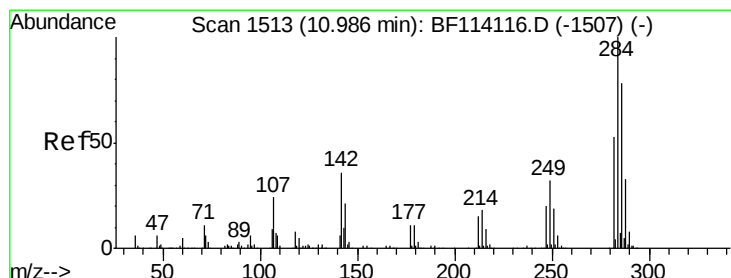
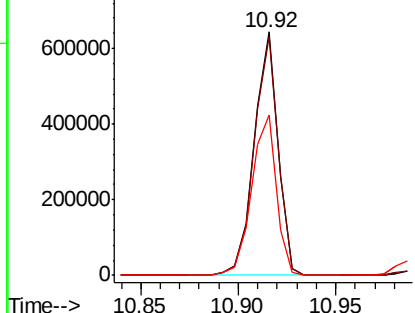
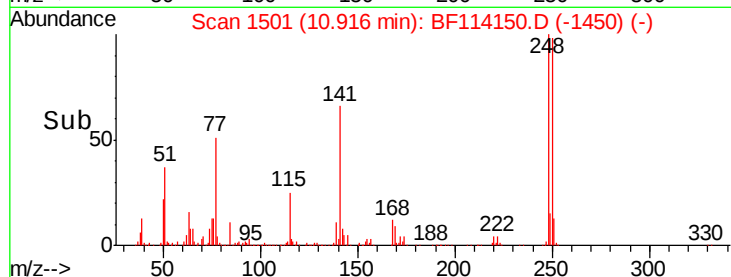
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.084 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion:248 Resp: 545121  
 Ion Ratio Lower Upper  
 248 100  
 250 97.8 77.4 116.2  
 141 65.9 55.6 83.4

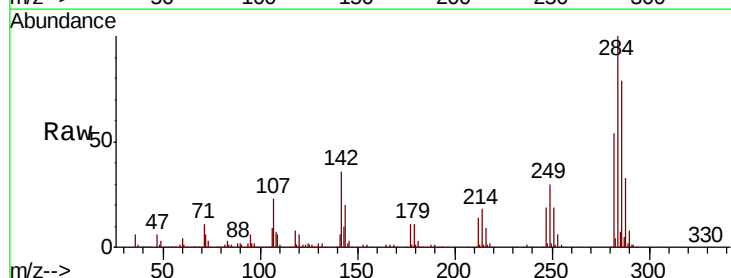


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

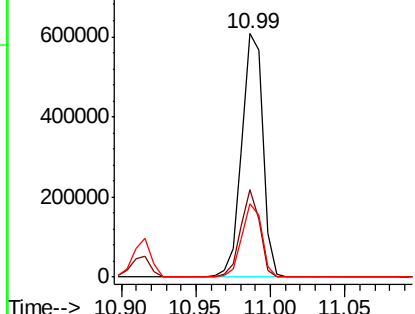
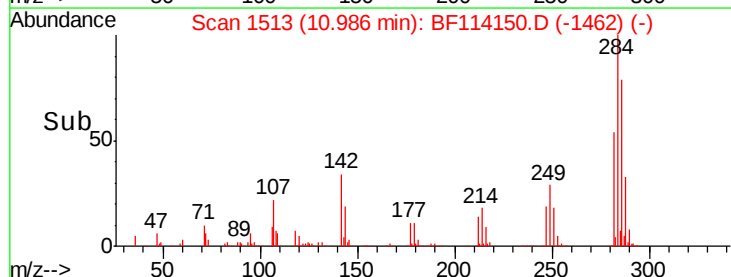


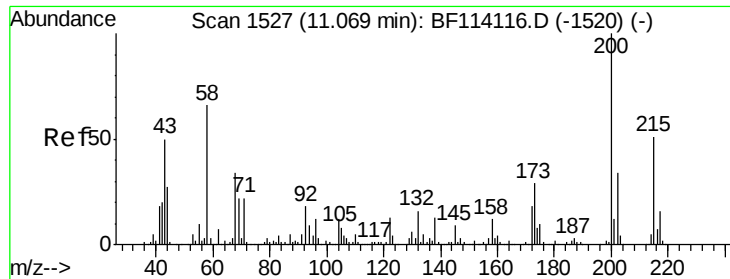
#68  
 Hexachlorobenzene  
 Concen: 40.753 ng  
 RT: 10.99 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:284 Resp: 598187  
 Ion Ratio Lower Upper  
 284 100  
 142 35.7 28.4 42.6  
 249 30.2 25.2 37.8



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: 41.560 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

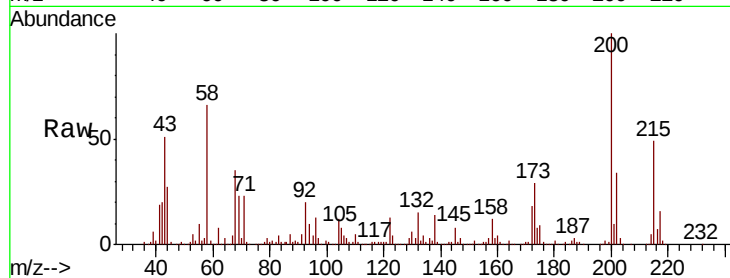
Tgt Ion:200 Resp: 473029

Ion Ratio Lower Upper

200 100

173 28.7 8.9 48.9

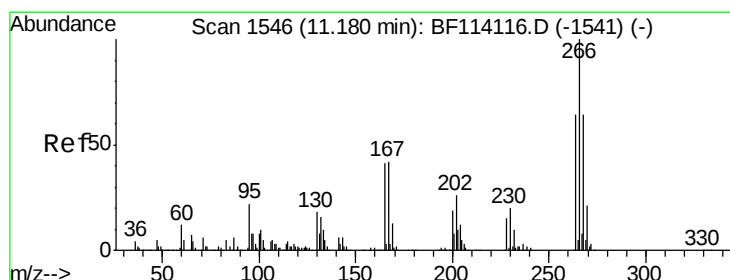
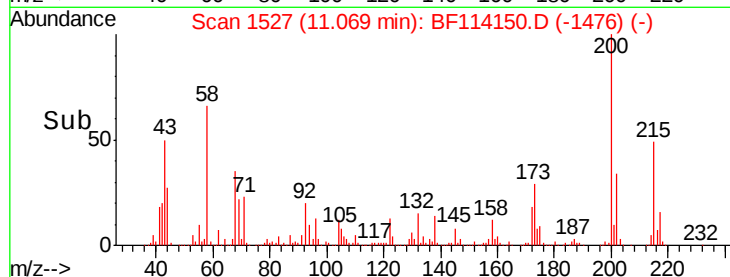
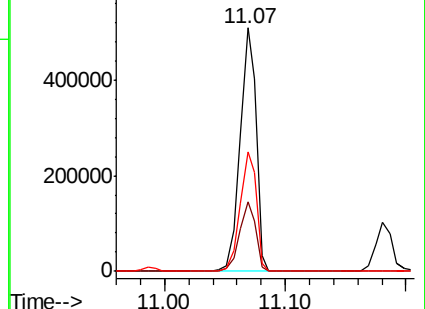
215 49.1 30.7 70.7



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: 85.837 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

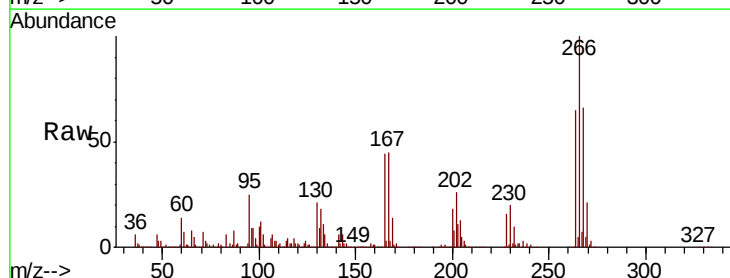
Tgt Ion:266 Resp: 597267

Ion Ratio Lower Upper

266 100

268 65.9 51.1 76.7

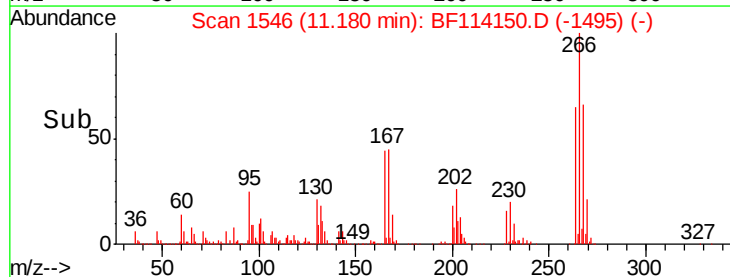
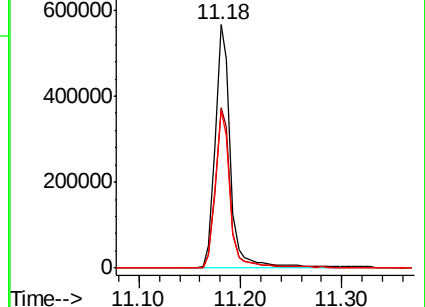
264 64.9 51.1 76.7

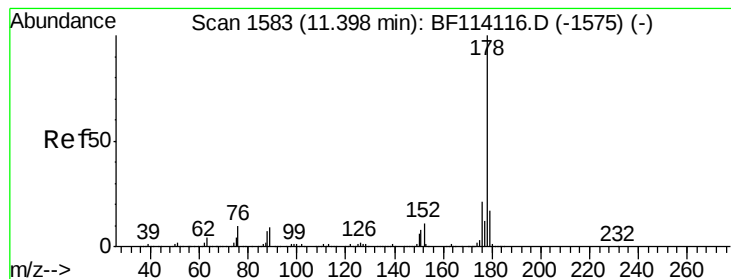


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.311 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

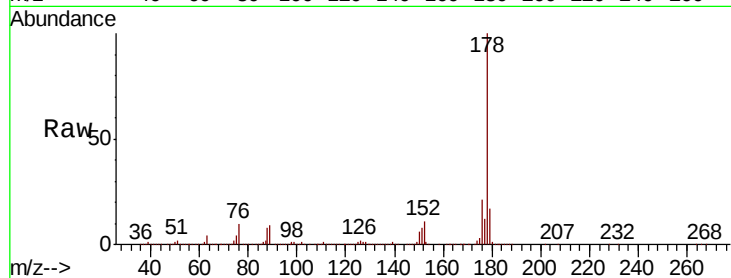
Tgt Ion:178 Resp: 2421991

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

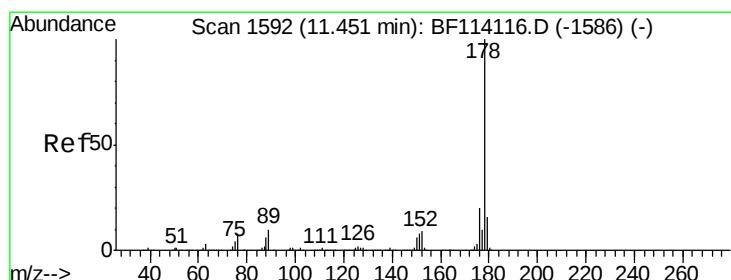
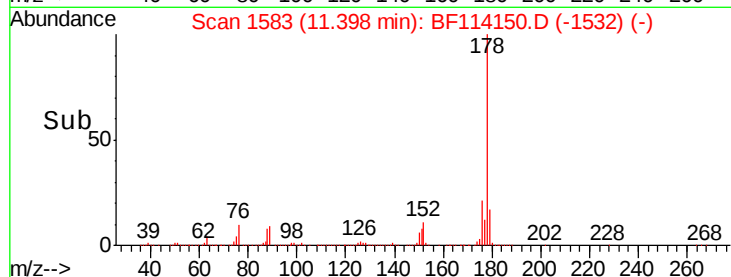
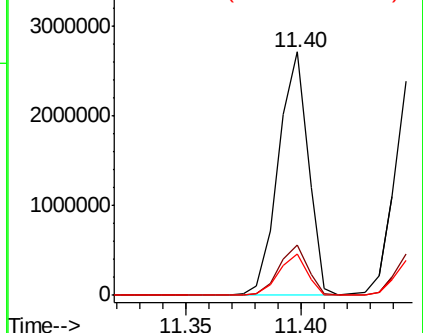
179 16.8 13.2 19.8



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



#72

Anthracene

Concen: 43.037 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

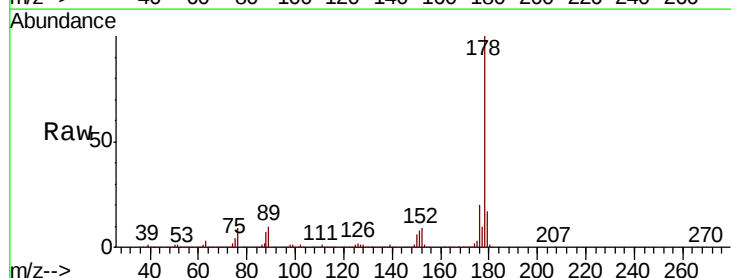
Tgt Ion:178 Resp: 2534322

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

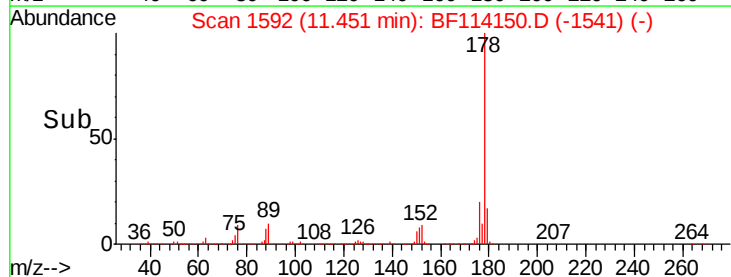
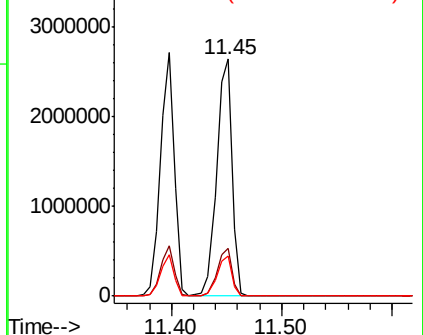
179 16.7 13.0 19.4

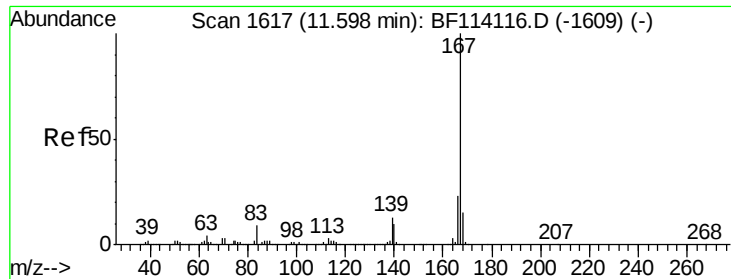


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

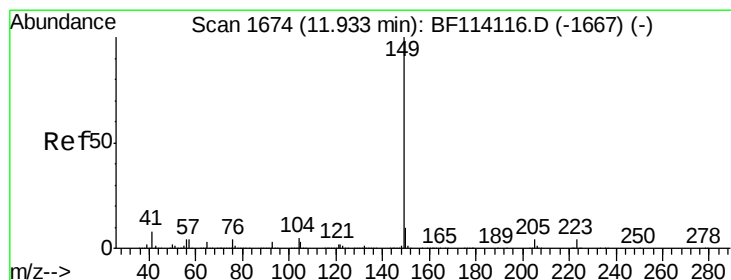
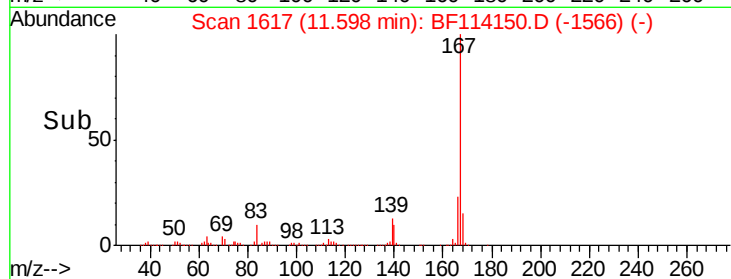
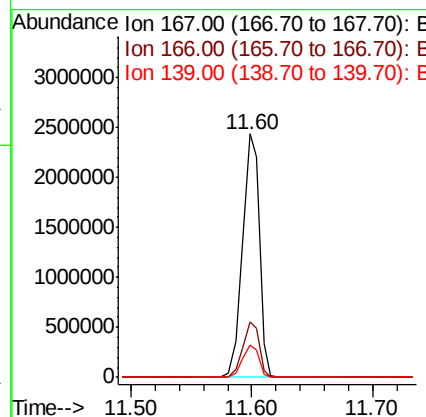
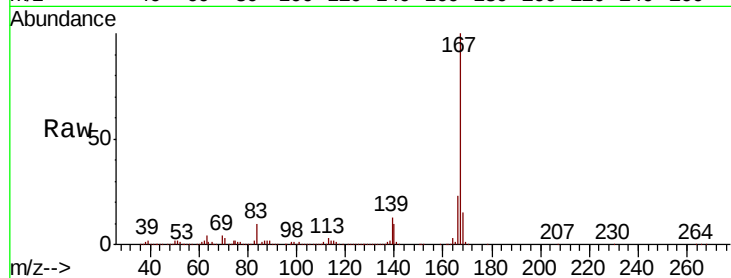




#73  
 Carbazole  
 Concen: 42.566 ng  
 RT: 11.60 min Scan# 1617  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

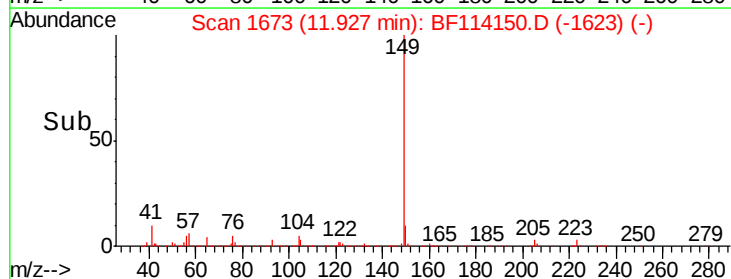
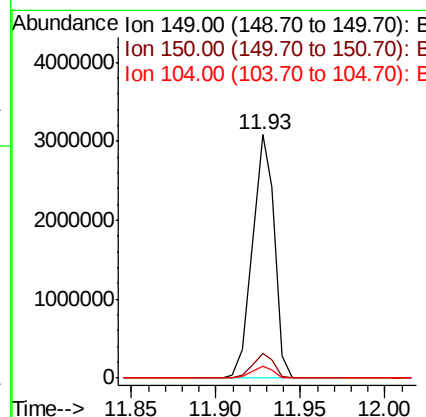
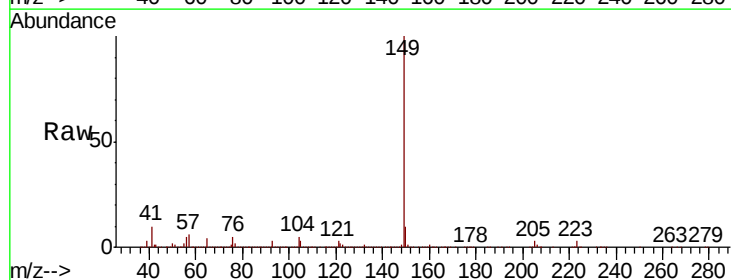
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

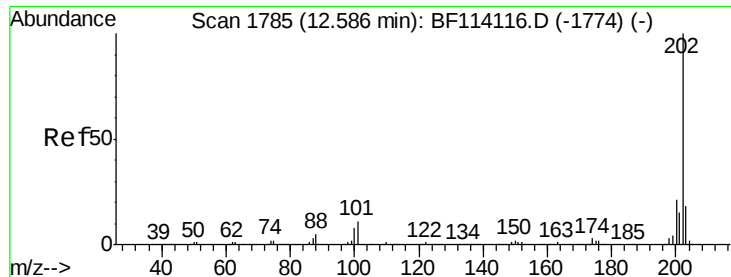
Tgt Ion:167 Resp: 2390263  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 18.2 27.2  
 139 13.5 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 43.349 ng  
 RT: 11.93 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion:149 Resp: 2804436  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 7.7 11.5  
 104 5.0 3.6 5.4



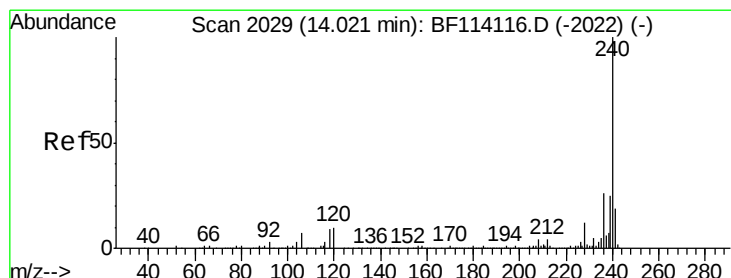
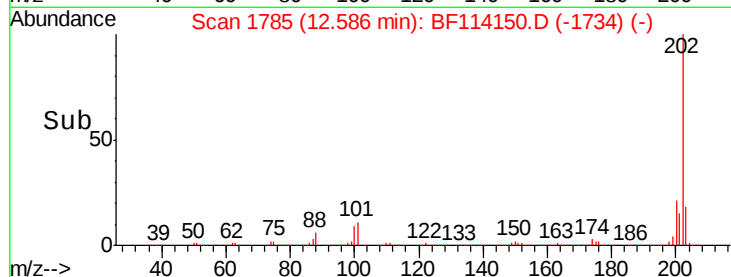
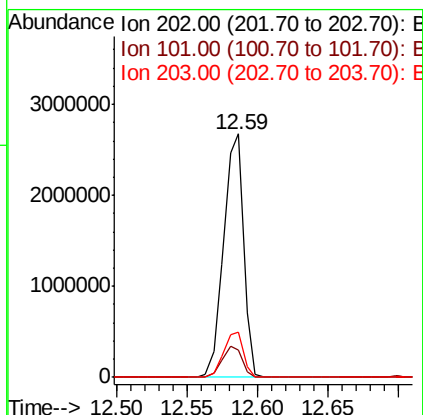
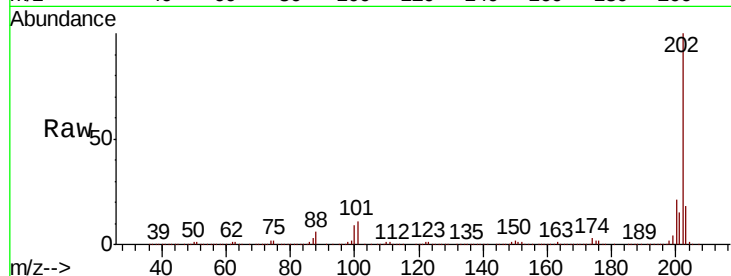


#75  
 Fluoranthene  
 Concen: 41.619 ng  
 RT: 12.59 min Scan# 1785  
 Delta R.T. 0.00 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB119622BS

Tgt Ion: 202 Resp: 2627639  

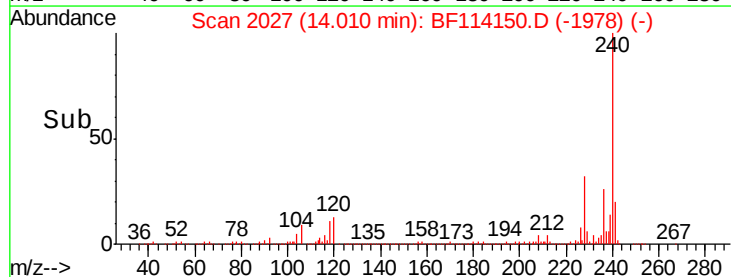
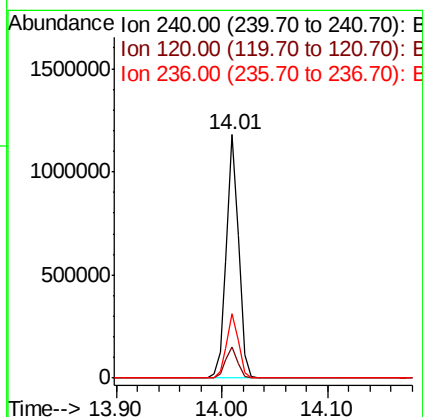
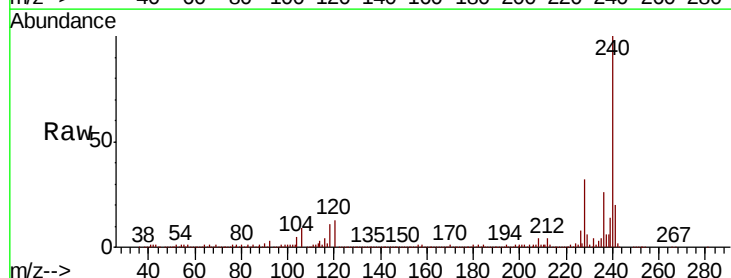
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.4  | 0.0   | 31.0  |
| 203 | 18.4  | 0.0   | 38.4  |

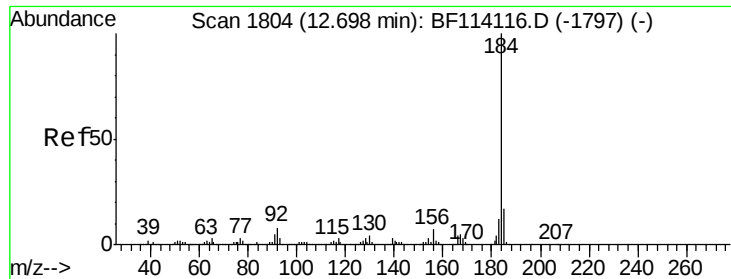


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF114150.D  
 Acq: 11 May 2019 12:04

Tgt Ion: 240 Resp: 958979  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.8  | 8.3   | 12.5# |
| 236 | 26.4  | 20.8  | 31.2  |





#77

Benzidine

Concen: 36.182 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

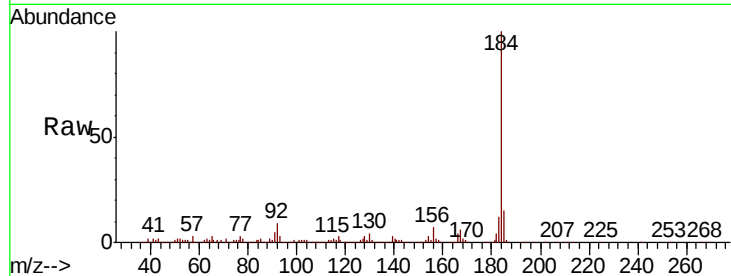
Tgt Ion:184 Resp: 1557524

Ion Ratio Lower Upper

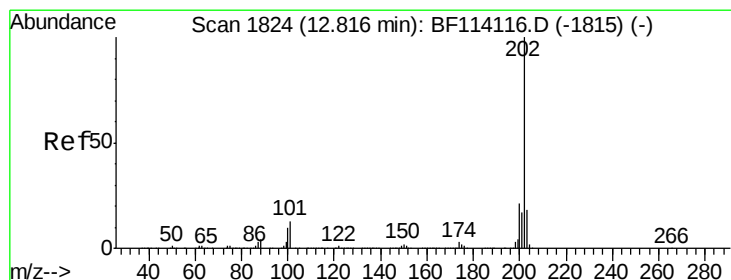
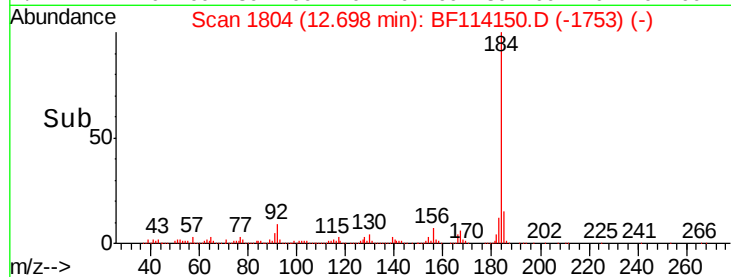
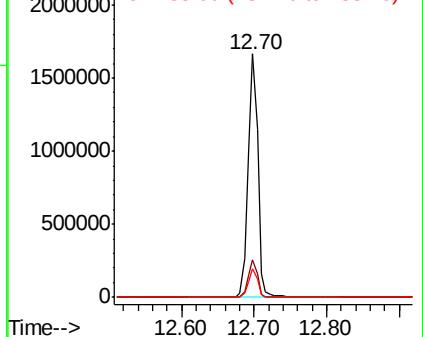
184 100

185 15.2 13.6 20.4

183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.647 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

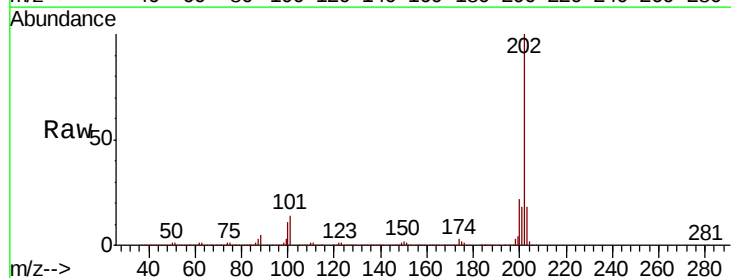
Tgt Ion:202 Resp: 2672826

Ion Ratio Lower Upper

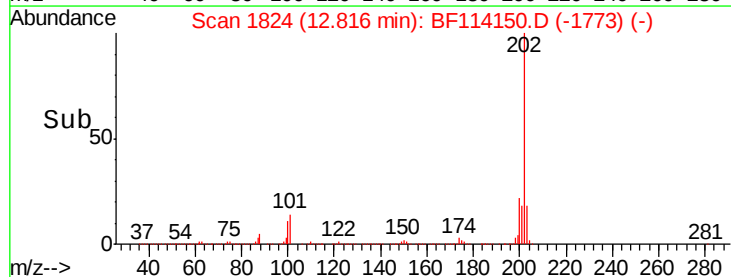
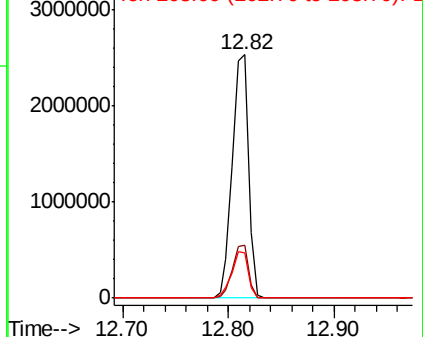
202 100

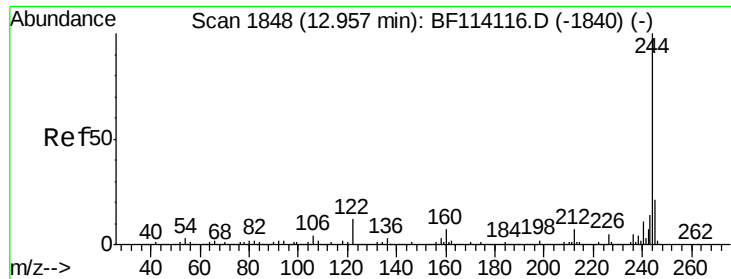
200 21.5 16.9 25.3

203 18.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.740 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

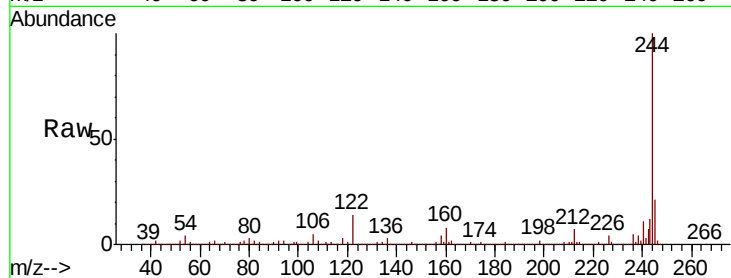
Tgt Ion:244 Resp: 2965175

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

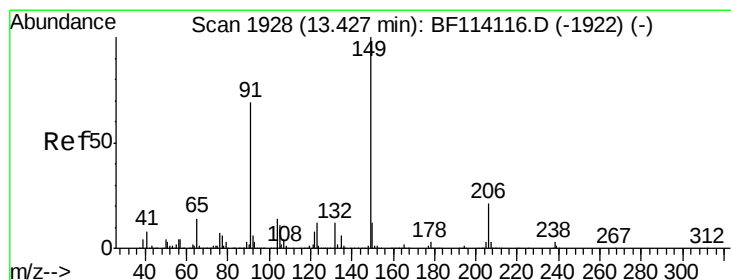
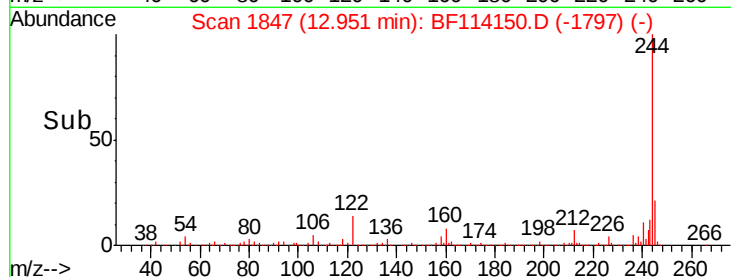
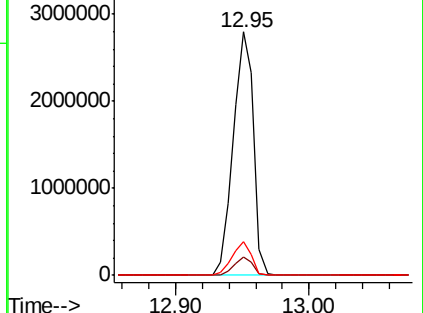
122 13.9 9.4 14.2



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: 39.776 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

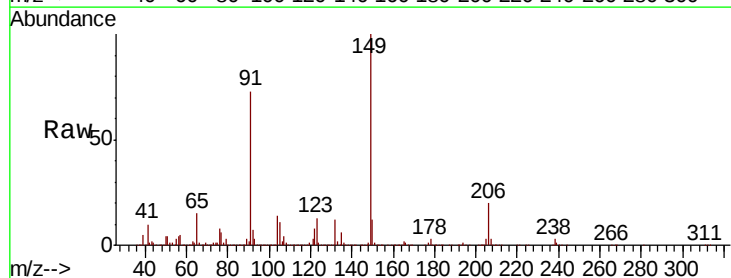
Tgt Ion:149 Resp: 1291555

Ion Ratio Lower Upper

149 100

91 73.2 55.0 82.4

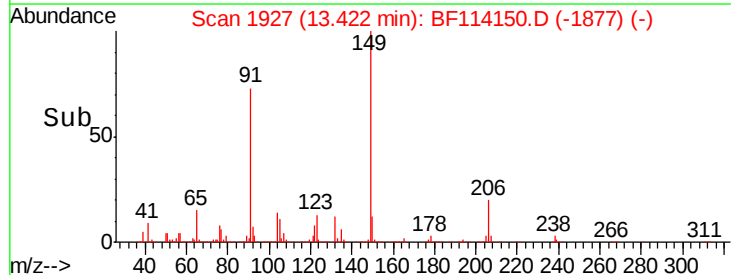
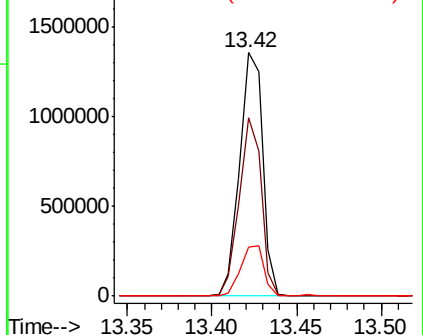
206 20.0 16.9 25.3

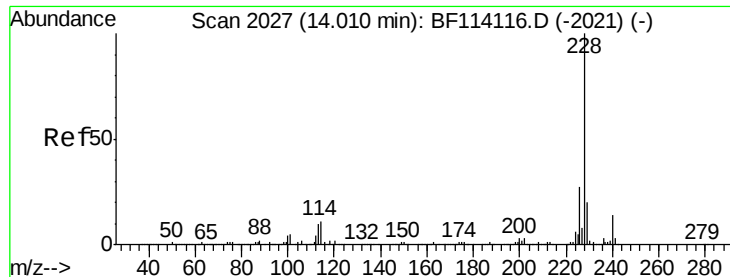


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.951 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

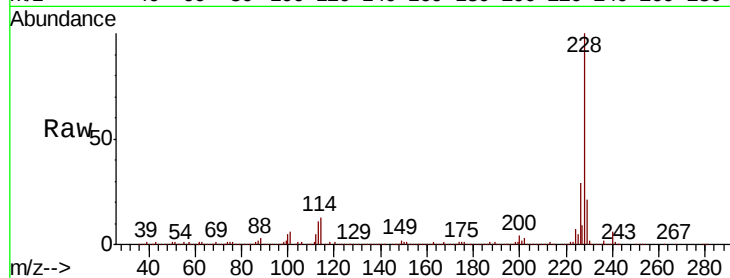
Tgt Ion:228 Resp: 2229891

Ion Ratio Lower Upper

228 100

226 28.9 22.2 33.2

229 21.0 16.4 24.6

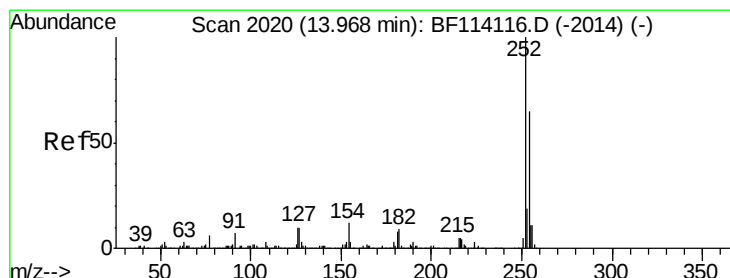
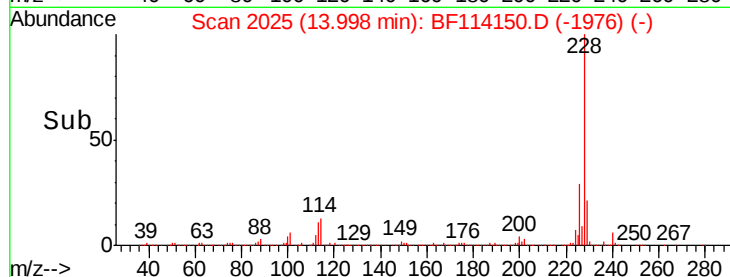
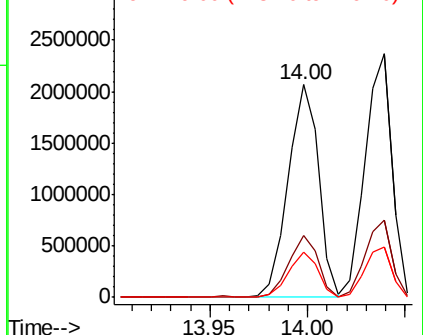


Abundance

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: 25.936 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

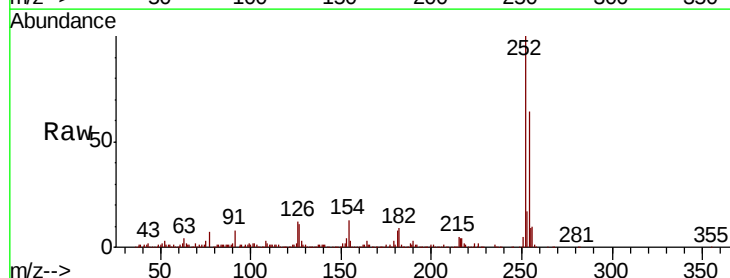
Tgt Ion:252 Resp: 624077

Ion Ratio Lower Upper

252 100

254 64.2 51.9 77.9

126 11.7 7.9 11.9

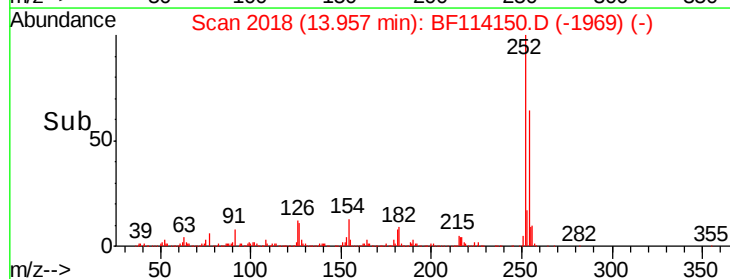
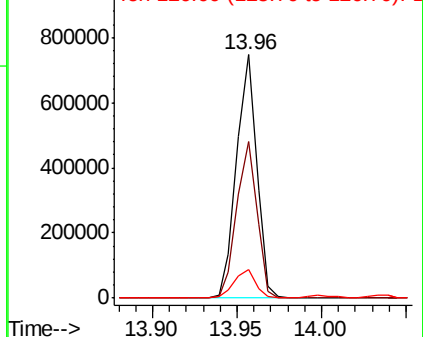


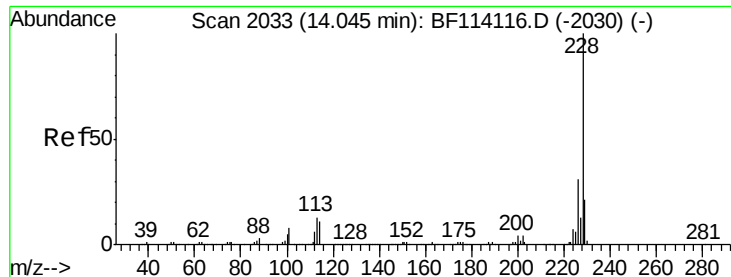
Abundance

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: 37.159 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

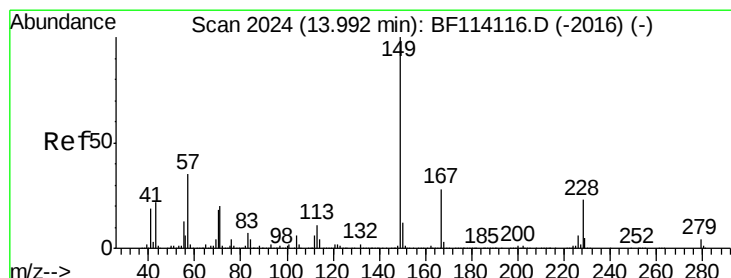
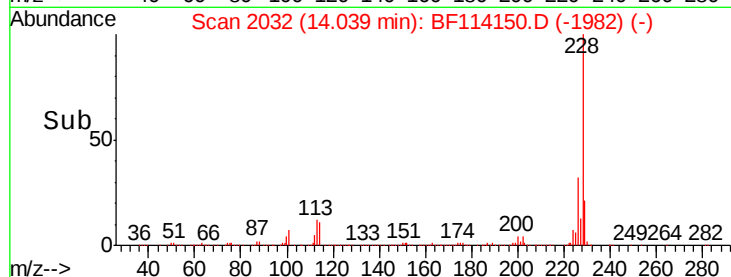
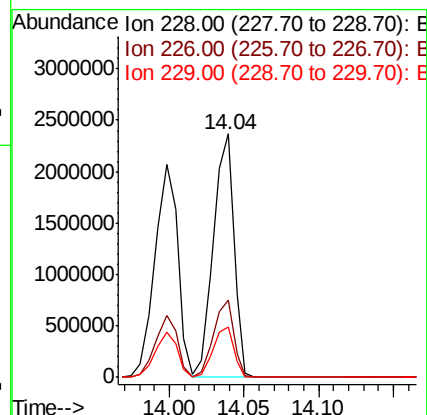
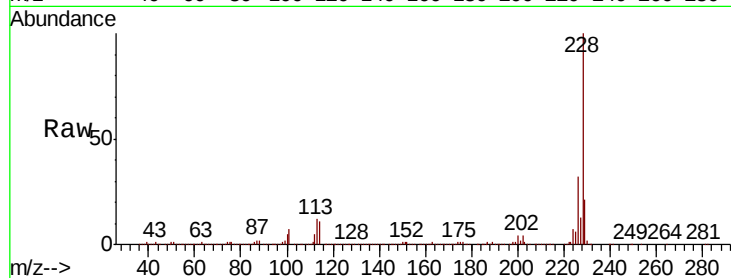
Tgt Ion:228 Resp: 2259400

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

229 20.7 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.656 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

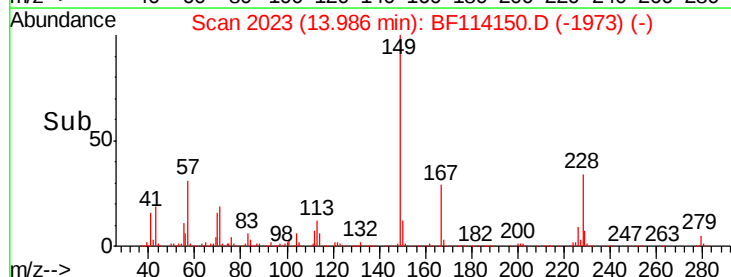
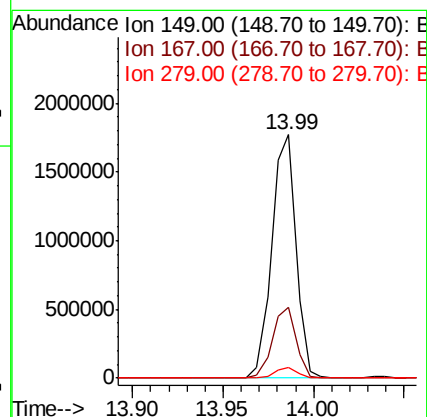
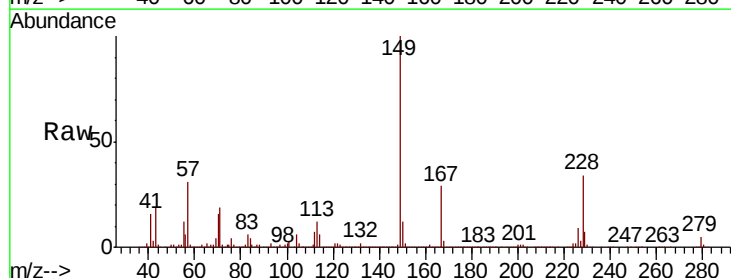
Tgt Ion:149 Resp: 1641622

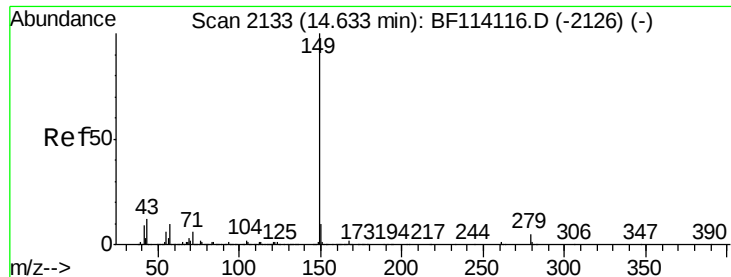
Ion Ratio Lower Upper

149 100

167 29.3 22.6 33.8

279 4.6 3.0 4.6#

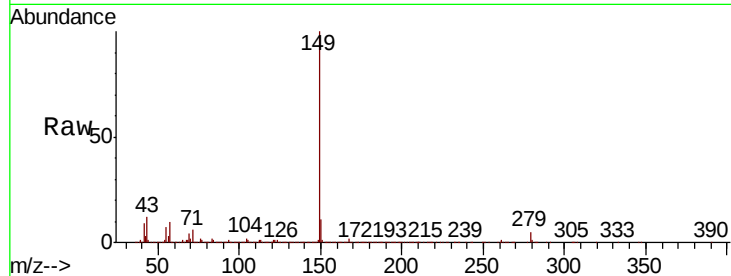




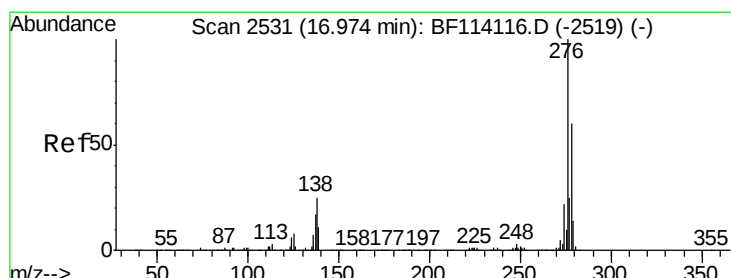
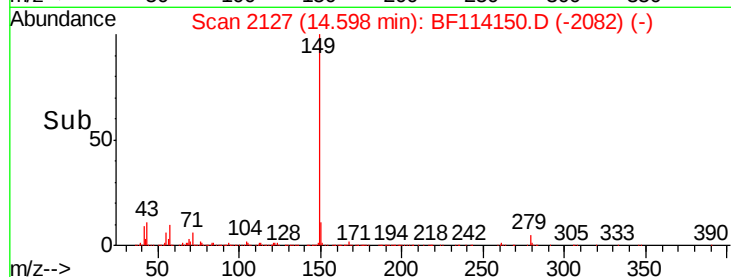
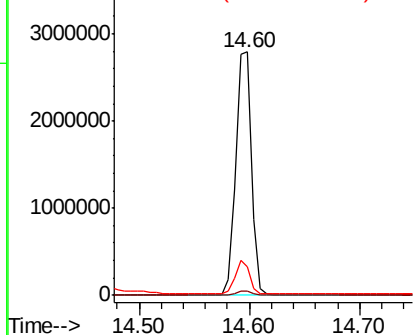
#85  
Di-n-octyl phthalate  
Concen: 40.687 ng  
RT: 14.60 min Scan# 2127  
Delta R.T. -0.04 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

Tgt Ion:149 Resp: 2801046  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.5 10.1 15.1

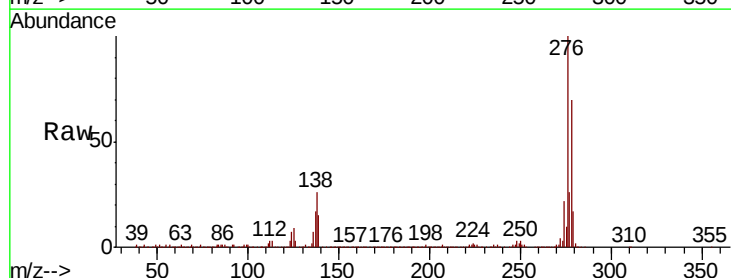


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

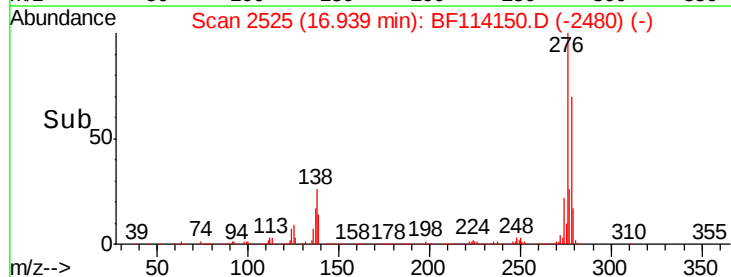
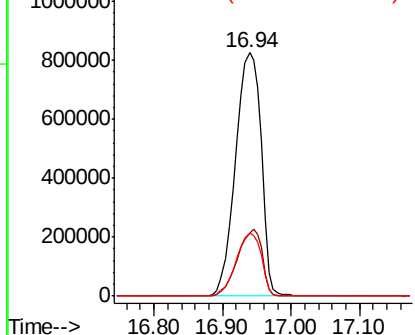


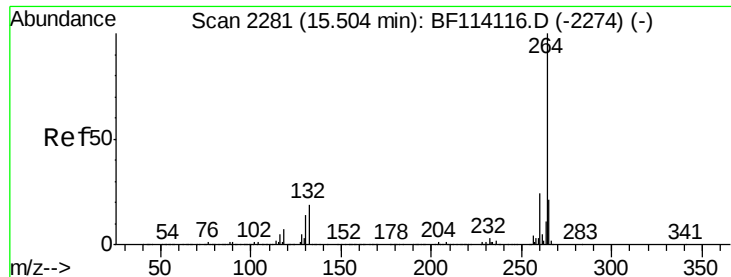
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.108 ng  
RT: 16.94 min Scan# 2525  
Delta R.T. -0.04 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Tgt Ion:276 Resp: 2155255  
Ion Ratio Lower Upper  
276 100  
138 26.6 20.2 30.2  
277 25.2 20.0 30.0



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

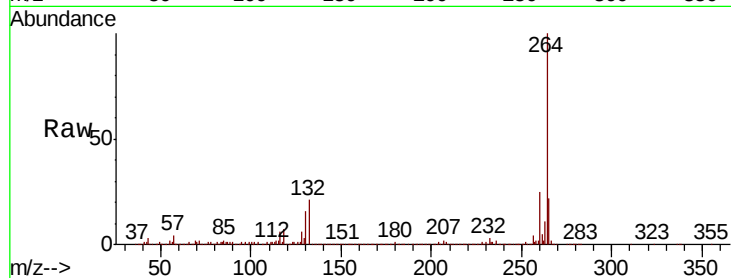
Tgt Ion:264 Resp: 946479

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.0

265 22.5 16.9 25.3

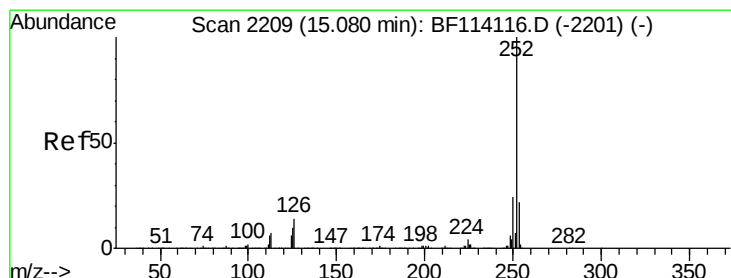
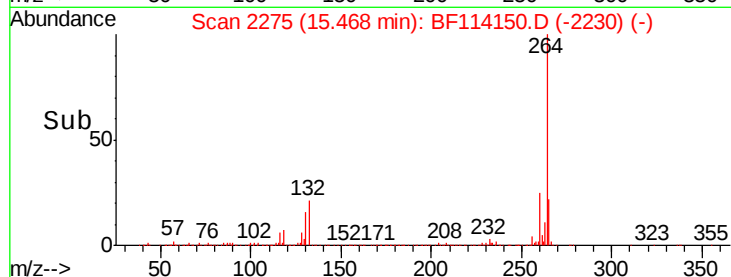
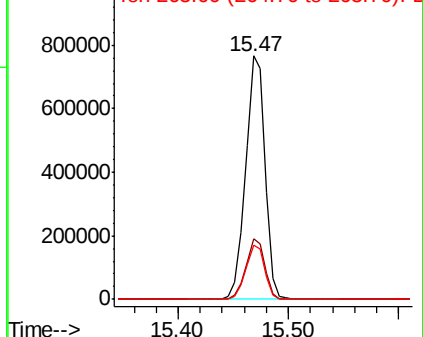


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.600 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

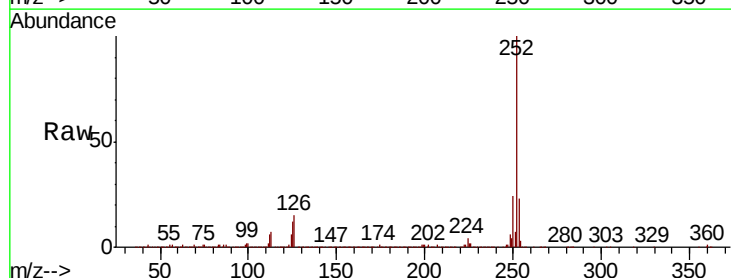
Tgt Ion:252 Resp: 2522523

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 11.7 8.3 12.5

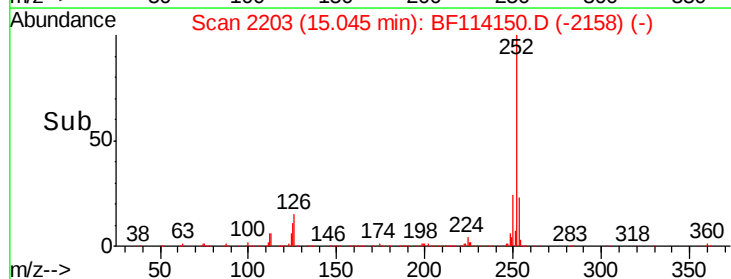
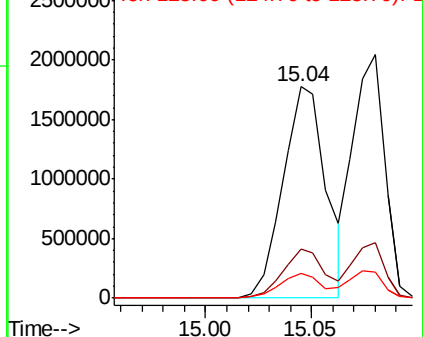


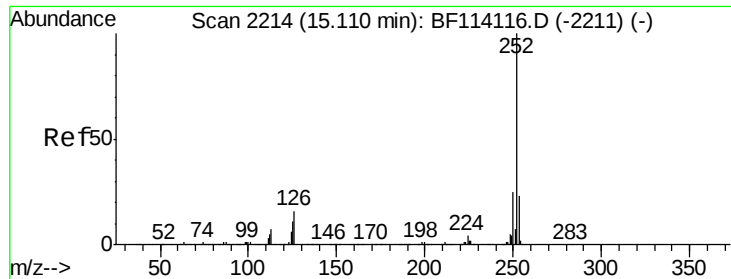
Abundance

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

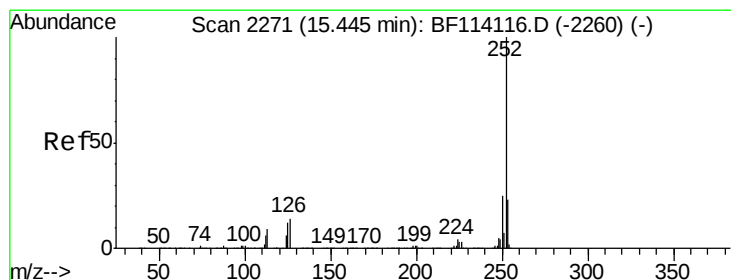
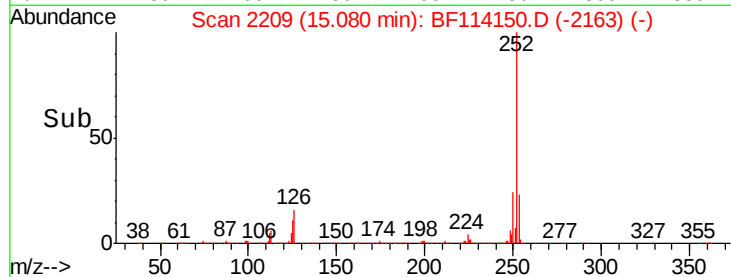
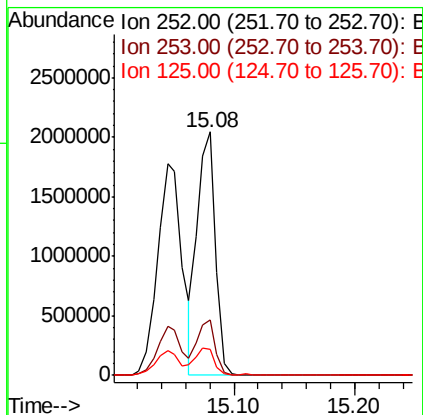
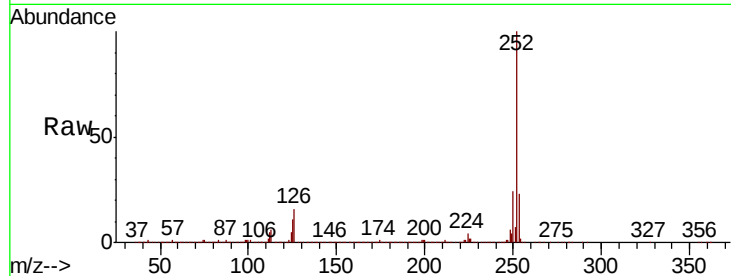




#89  
Benzo(k)fluoranthene  
Concen: 38.398 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.03 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

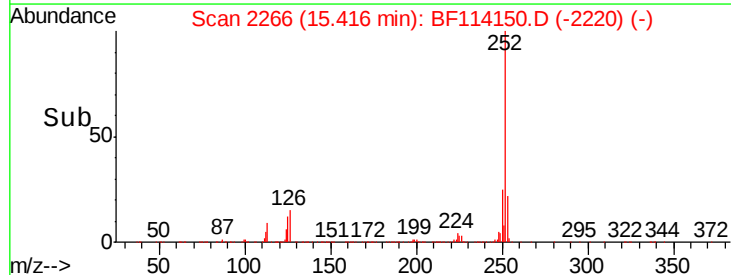
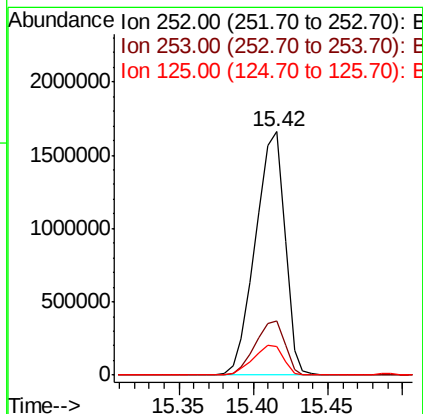
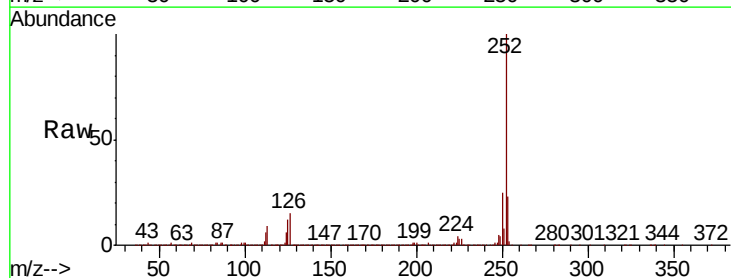
Instrument :  
BNA\_F  
ClientSampleId :  
PB119622BS

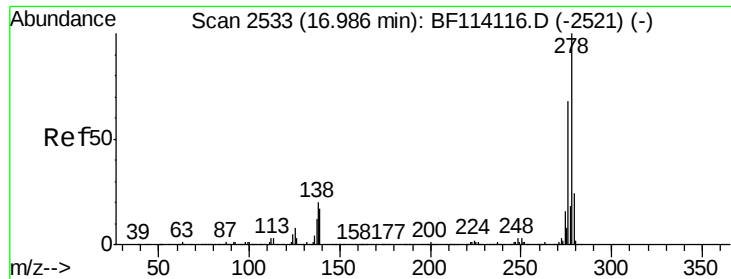
Tgt Ion:252 Resp: 2138798  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.2 27.2  
125 10.7 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 42.508 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.03 min  
Lab File: BF114150.D  
Acq: 11 May 2019 12:04

Tgt Ion:252 Resp: 2268466  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.1 27.1  
125 11.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 40.157 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA\_F

ClientSampleId :

PB119622BS

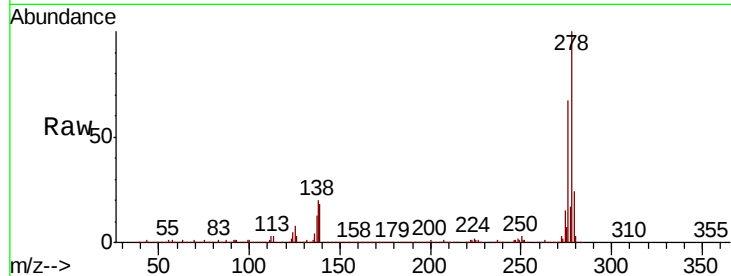
Tgt Ion:278 Resp: 1780748

Ion Ratio Lower Upper

278 100

139 17.8 13.5 20.3

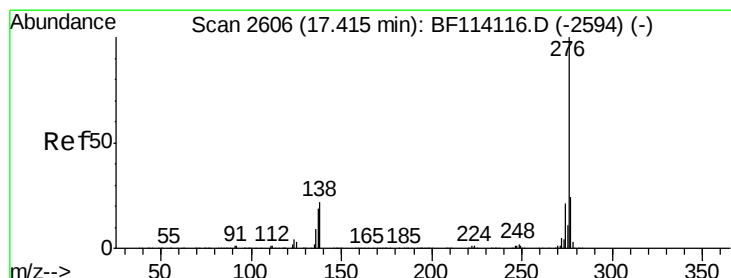
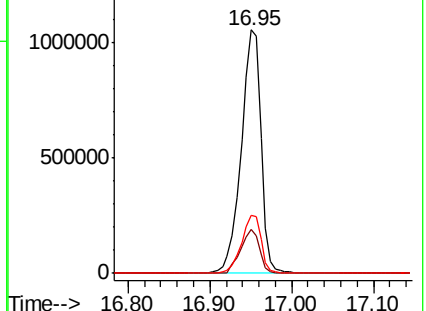
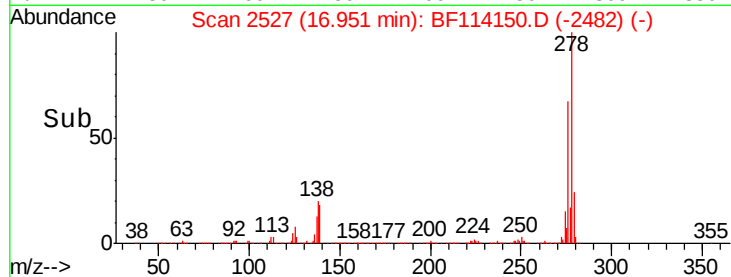
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.395 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

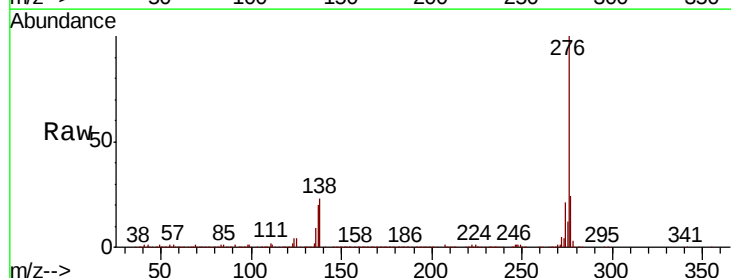
Tgt Ion:276 Resp: 1706260

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

