

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\  
 Data File : BF119087.D  
 Acq On : 26 Feb 2020 11:17  
 Operator : CG/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 26 16:10:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 241516   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 912298   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.79  | 164  | 521997   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.26 | 188  | 968584   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.90 | 240  | 681020   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.32 | 264  | 636918   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.37  | 112  | 1102399  | 76.28 | ng    | 0.00     |
| 7) Phenol-d6                | 6.40  | 99   | 1385041  | 78.80 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 1356308  | 78.50 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.57 | 330  | 565716   | 82.85 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.11  | 172  | 2552717  | 72.04 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.85 | 244  | 3104534  | 78.49 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88   | 230450   | 35.815 | ng    | 100    |
| 3) Pyridine                    | 3.16 | 79   | 656373   | 37.352 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.12 | 42   | 217318   | 40.824 | ng    | 100    |
| 6) Aniline                     | 6.42 | 93   | 846328   | 39.024 | ng    | 100    |
| 8) 2-Chlorophenol              | 6.54 | 128  | 619656   | 39.731 | ng    | 100    |
| 9) Benzaldehyde                | 6.30 | 77   | 406507   | 34.617 | ng    | 100    |
| 10) Phenol                     | 6.42 | 94   | 735073   | 38.682 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93   | 590209   | 40.592 | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146  | 734646   | 39.300 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146  | 735748   | 39.332 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146  | 667664   | 39.136 | ng    | 100    |
| 15) Benzyl Alcohol             | 6.90 | 79   | 525468   | 41.366 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.03 | 45   | 524802   | 41.667 | ng    | 100    |
| 17) 2-Methylphenol             | 7.02 | 107  | 515323   | 40.754 | ng    | 100    |
| 18) Hexachloroethane           | 7.26 | 117  | 275420   | 41.154 | ng    | 100    |
| 19) n-Nitroso-di-n-propylamine | 7.17 | 70   | 440436   | 43.005 | ng    | 100    |
| 20) 3+4-Methylphenols          | 7.17 | 107  | 603283   | 38.943 | ng    | 100    |
| 22) Acetophenone               | 7.16 | 105  | 840043   | 39.797 | ng    | 100    |
| 24) Nitrobenzene               | 7.34 | 77   | 665706   | 38.961 | ng    | 100    |
| 25) Isophorone                 | 7.58 | 82   | 1234570  | 41.142 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.65 | 139  | 361713   | 39.954 | ng    | 100    |
| 27) 2,4-Dimethylphenol         | 7.70 | 122  | 482142   | 39.240 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.79 | 93   | 781765   | 40.025 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 7.90 | 162  | 575227   | 39.768 | ng    | 100    |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180  | 663802   | 38.706 | ng    | 100    |
| 31) Naphthalene                | 8.05 | 128  | 1805055  | 38.151 | ng    | 100    |
| 32) Benzoic acid               | 7.86 | 122  | 392904   | 44.406 | ng    | 100    |
| 33) 4-Chloroaniline            | 8.10 | 127  | 773188   | 37.995 | ng    | 100    |
| 34) Hexachlorobutadiene        | 8.17 | 225  | 421735   | 39.479 | ng    | 100    |
| 35) Caprolactam                | 8.50 | 113  | 158144   | 35.507 | ng    | 100    |
| 36) 4-Chloro-3-methylphenol    | 8.60 | 107  | 597909   | 40.844 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.75 | 142  | 1244345  | 39.081 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 8.85 | 142  | 1172304  | 39.149 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.92 | 216  | 662608   | 37.649 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\  
 Data File : BF119087.D  
 Acq On : 26 Feb 2020 11:17  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

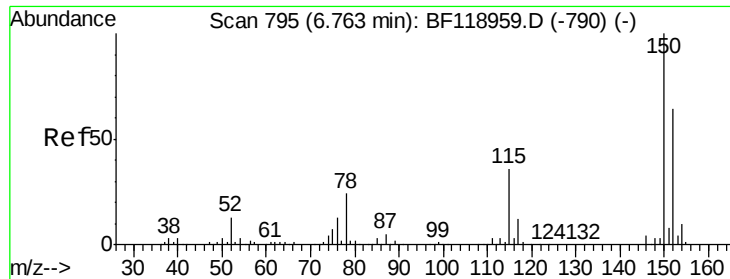
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 26 16:10:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 26 16:03:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.90  | 237  | 212258   | 38.637 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.03  | 196  | 436469   | 39.272 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.07  | 196  | 451352   | 38.701 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.21  | 154  | 1587803  | 37.636 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.23  | 162  | 1301819  | 38.292 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.33  | 65   | 382070   | 40.292 | ng    | 100      |
| 49) Acenaphthylene             | 9.65  | 152  | 1846205  | 37.599 | ng    | 100      |
| 50) Dimethylphthalate          | 9.52  | 163  | 1629965  | 40.835 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.58  | 165  | 357044   | 40.261 | ng    | 100      |
| 52) Acenaphthene               | 9.82  | 154  | 1127678  | 38.087 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.75  | 138  | 386042   | 39.266 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 9.86  | 184  | 163989   | 41.967 | ng    | 100      |
| 55) Dibenzofuran               | 9.99  | 168  | 1630053  | 36.885 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.92  | 139  | 212349   | 35.949 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 9.99  | 165  | 437577   | 38.067 | ng    | 100      |
| 58) Fluorene                   | 10.33 | 166  | 1318122  | 38.385 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.12 | 232  | 397055   | 40.348 | ng    | 100      |
| 60) Diethylphthalate           | 10.21 | 149  | 1552713  | 41.278 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.32 | 204  | 708238   | 38.964 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.37 | 138  | 398873   | 39.655 | ng    | 100      |
| 63) Azobenzene                 | 10.49 | 77   | 1306239  | 39.951 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.40 | 198  | 248689   | 42.431 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.45 | 169  | 1248180  | 39.356 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.81 | 248  | 499299   | 39.437 | ng    | 100      |
| 68) Hexachlorobenzene          | 10.89 | 284  | 577229   | 39.544 | ng    | 100      |
| 69) Atrazine                   | 10.97 | 200  | 418286   | 37.748 | ng    | 100      |
| 70) Pentachlorophenol          | 11.08 | 266  | 235898   | 40.118 | ng    | 100      |
| 71) Phenanthrene               | 11.29 | 178  | 1979716  | 37.479 | ng    | 100      |
| 72) Anthracene                 | 11.35 | 178  | 1990328  | 37.711 | ng    | 100      |
| 73) Carbazole                  | 11.50 | 167  | 1784954  | 37.963 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.83 | 149  | 2348152  | 41.239 | ng    | 100      |
| 75) Fluoranthene               | 12.48 | 202  | 2132930  | 38.041 | ng    | 100      |
| 77) Benzidine                  | 12.60 | 184  | 930834   | 33.608 | ng    | 100      |
| 78) Pyrene                     | 12.71 | 202  | 2123176  | 38.825 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.32 | 149  | 1010907  | 43.923 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.89 | 228  | 1803028  | 38.856 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 716045   | 39.740 | ng    | 100      |
| 83) Chrysene                   | 13.93 | 228  | 1782548  | 38.553 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 1321344  | 45.443 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.49 | 149  | 2092088  | 45.158 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.74 | 276  | 1574567  | 35.171 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.92 | 252  | 1668827  | 39.751 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.95 | 252  | 1617093  | 41.564 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.27 | 252  | 1464396  | 38.649 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.74 | 278  | 1288628  | 38.652 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.16 | 276  | 1243794  | 37.759 | ng    | 100      |

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



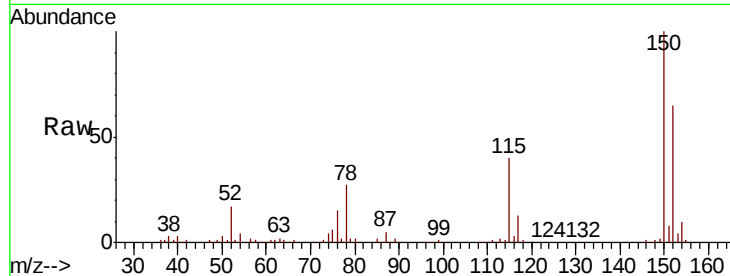


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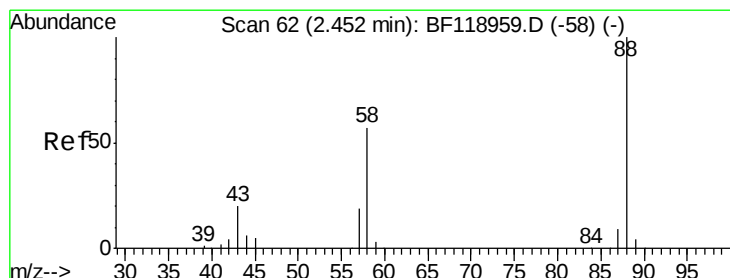
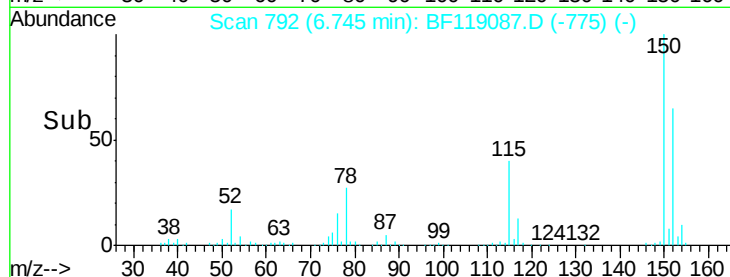
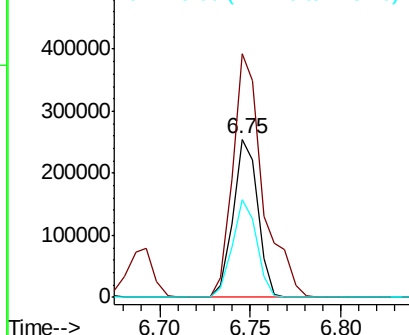
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 241516  
Ion Ratio Lower Upper  
152 100  
150 153.8 123.0 184.6  
115 61.9 49.5 74.3



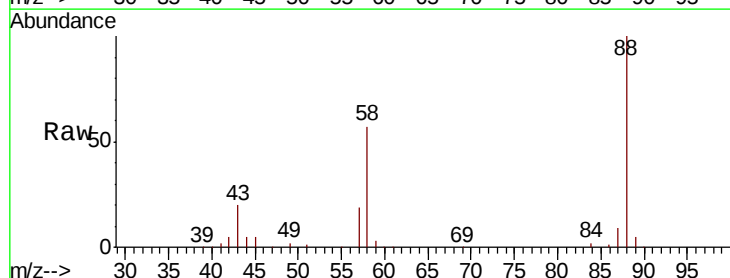
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



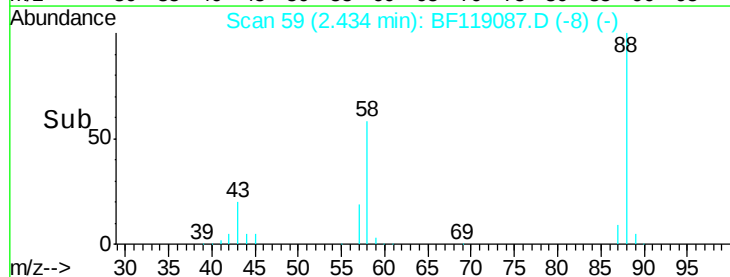
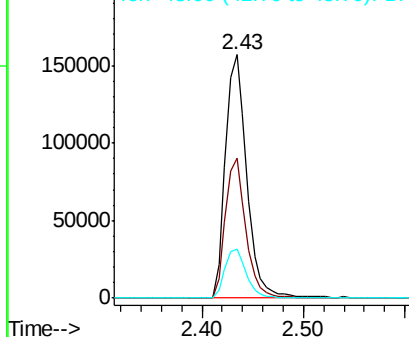
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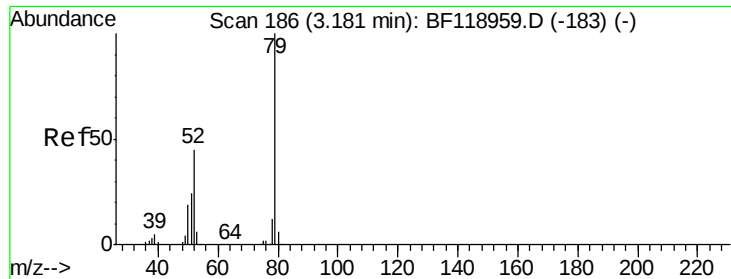
1,4-Dioxane  
Concen: 35.815 ng  
RT: 2.43 min Scan# 59  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion: 88 Resp: 230450  
Ion Ratio Lower Upper  
88 100  
58 54.7 43.8 65.6  
43 20.3 16.2 24.4



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

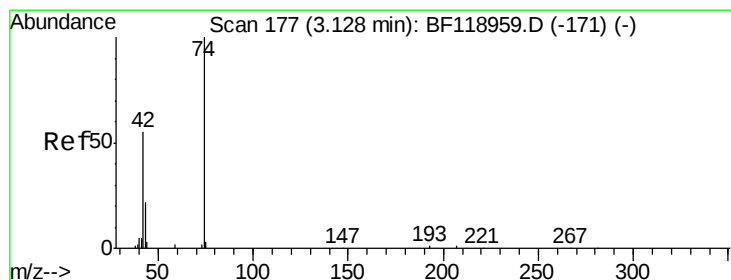
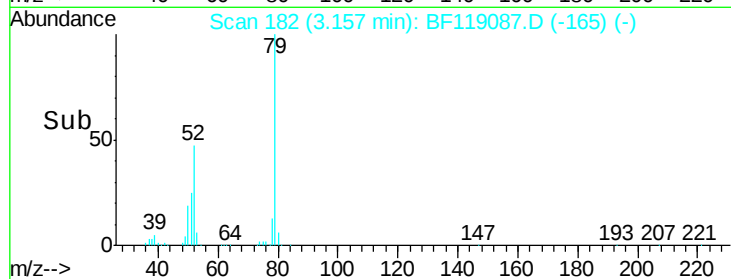
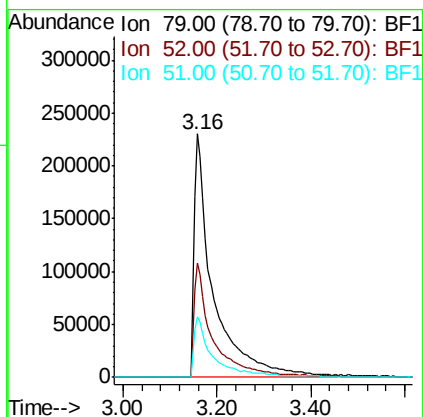
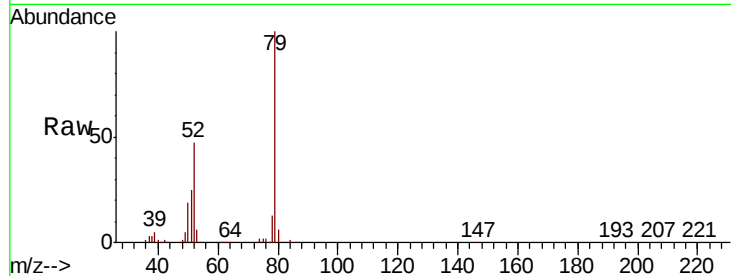




#3  
 Pvrindine  
 Concen: 37.352 ng  
 RT: 3.16 min Scan# 182  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

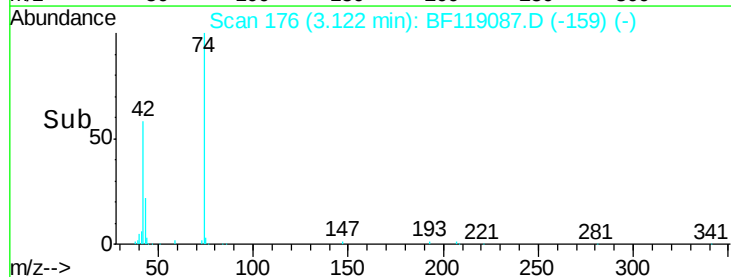
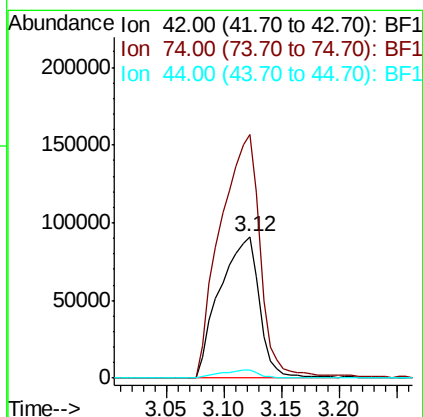
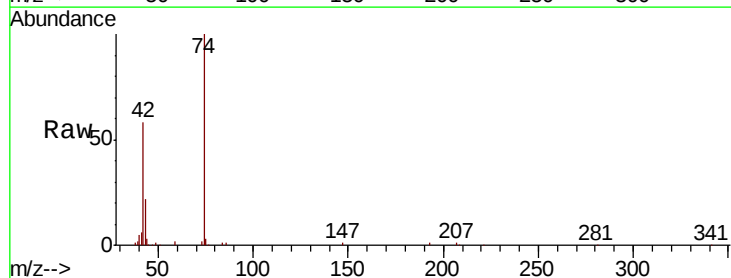
Instrument :  
 BNA\_F  
 ClientSampleId :

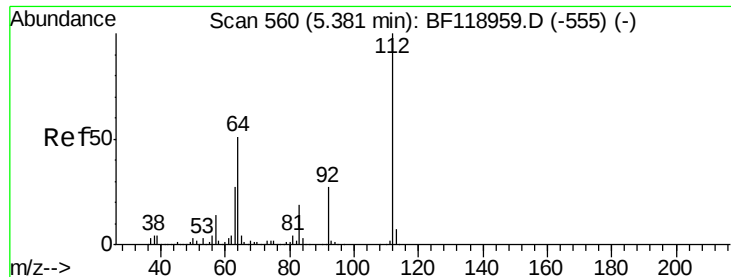
Tot Ion: 79 Resp: 656373  
 Ion Ratio Lower Upper  
 79 100  
 52 46.7 37.4 56.0  
 51 24.7 19.8 29.6



#4  
 n-Nitrosodimethylamine  
 Concen: 40.824 ng  
 RT: 3.12 min Scan# 176  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Tgt Ion: 42 Resp: 217318  
 Ion Ratio Lower Upper  
 42 100  
 74 172.1 137.7 206.5  
 44 5.6 4.5 6.7





#5

2-Fluorophenol

Concen: 76.281 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampled :

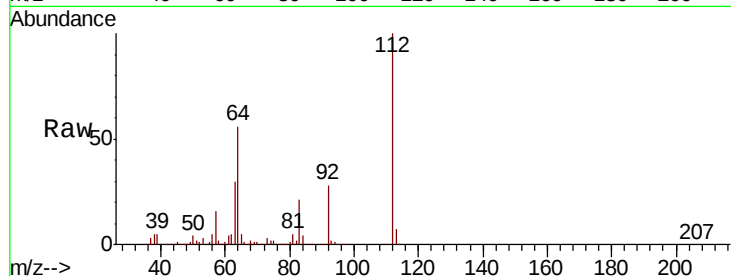
Tot Ion:112 Resp: 1102399

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

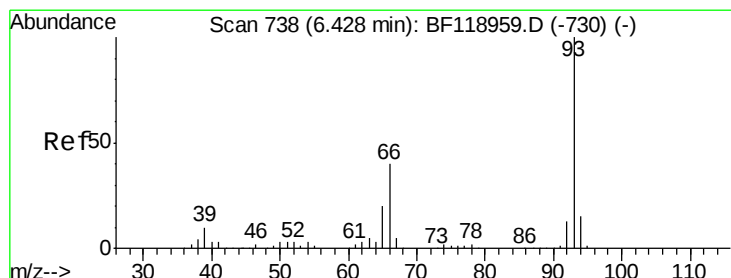
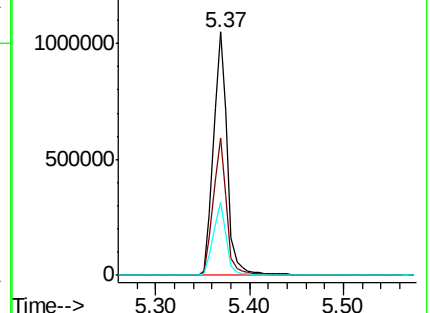
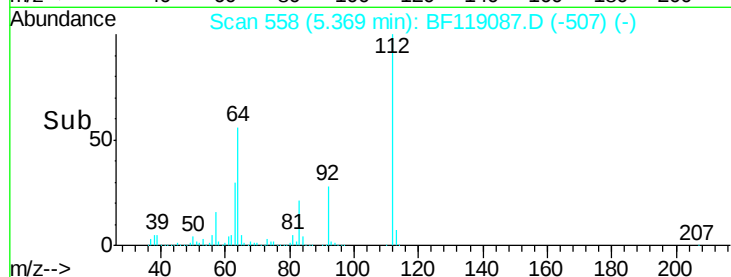
63 30.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.024 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

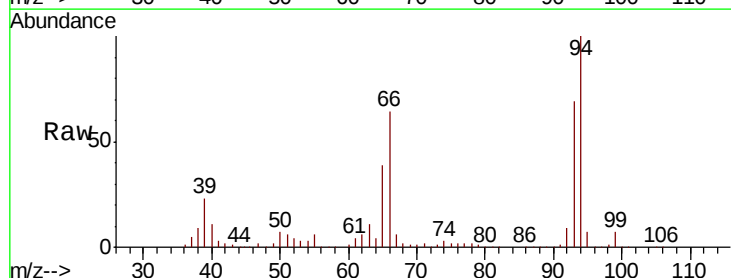
Tgt Ion: 93 Resp: 846328

Ion Ratio Lower Upper

93 100

66 93.1 74.5 111.7

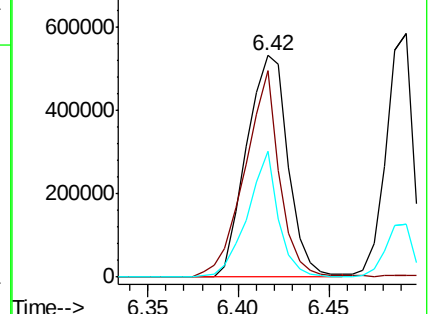
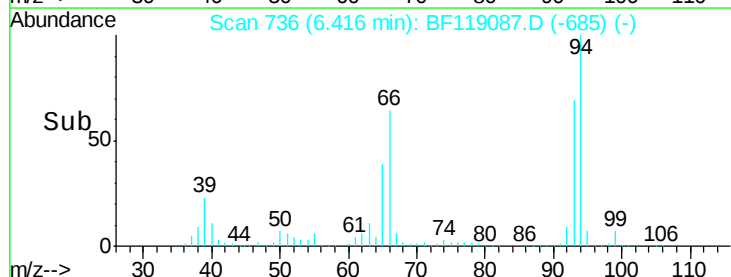
65 56.6 45.3 67.9

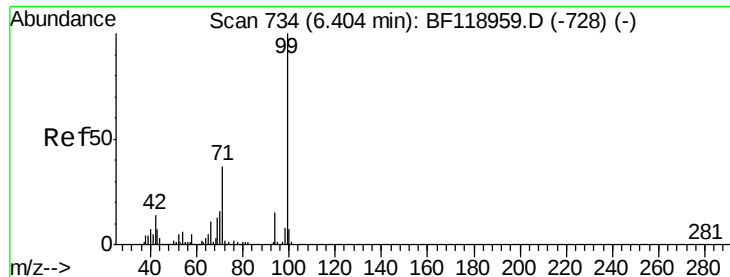


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.802 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

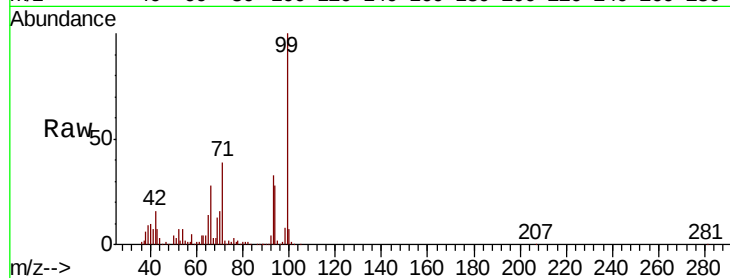
Tot Ion: 99 Resp: 1385041

Ion Ratio Lower Upper

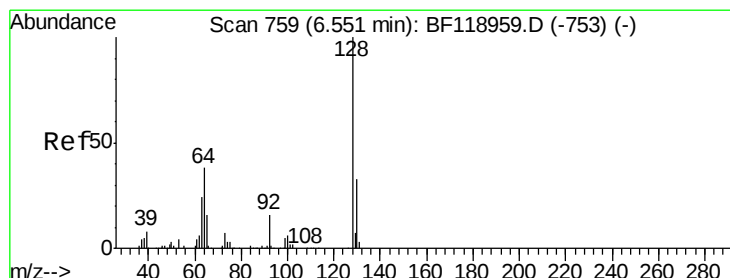
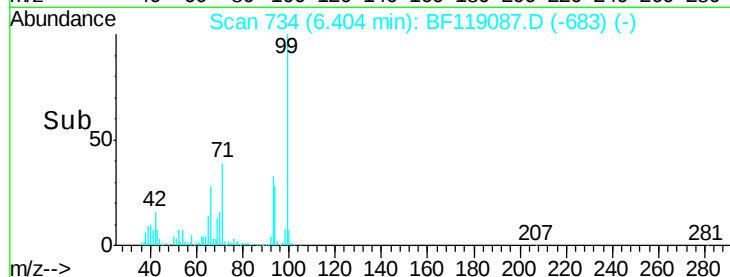
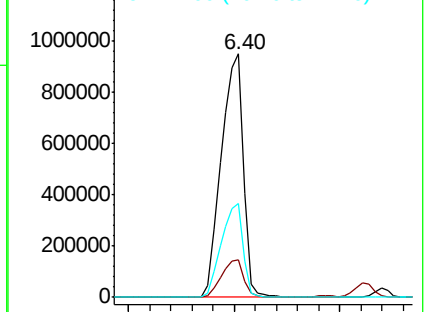
99 100

42 15.7 12.6 18.8

71 38.7 31.0 46.4



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: 39.731 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

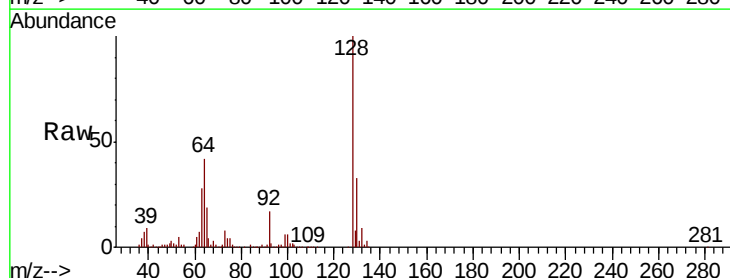
Tgt Ion: 128 Resp: 619656

Ion Ratio Lower Upper

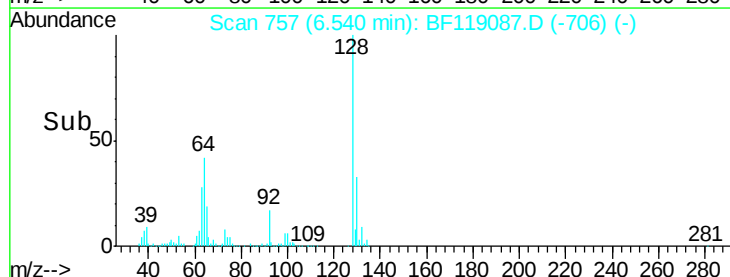
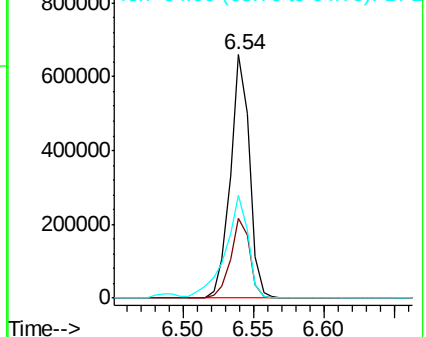
128 100

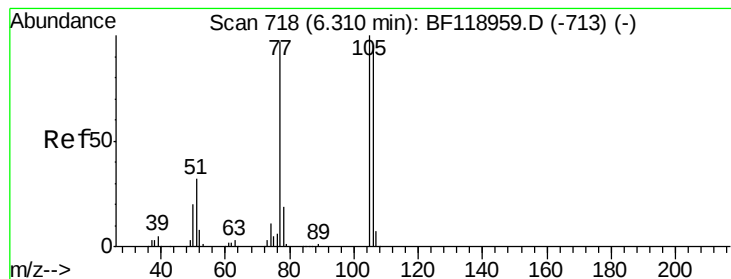
130 32.7 12.7 52.7

64 42.3 22.3 62.3



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: 34.617 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF119087.D

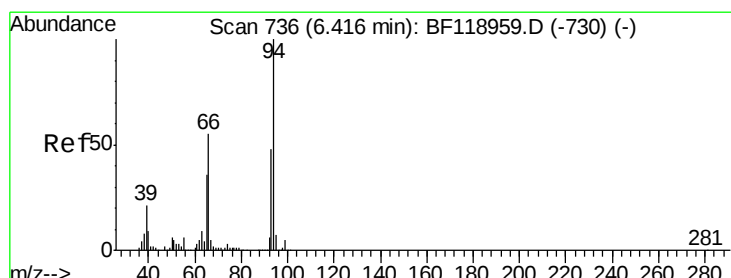
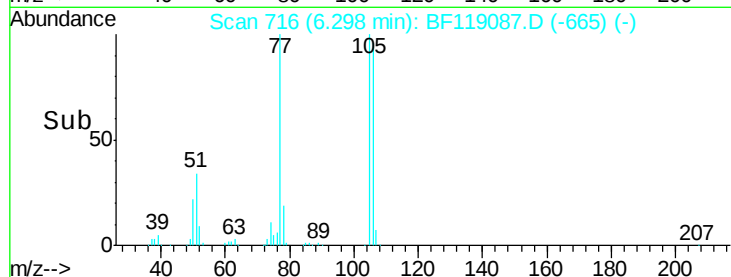
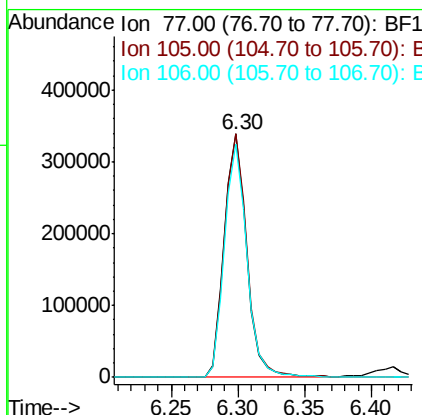
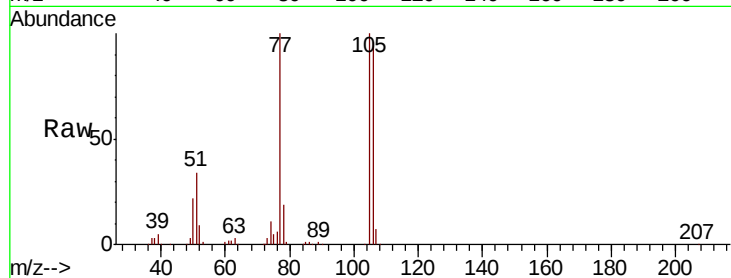
Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 406507 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 100.1 | 80.1  | 120.1  |
| 106      | 95.9  | 75.9  | 115.9  |



#10

Phenol

Concen: 38.682 ng

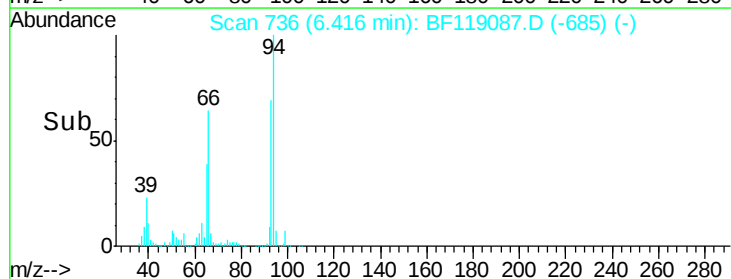
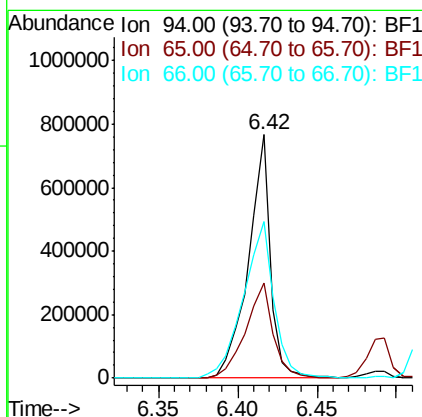
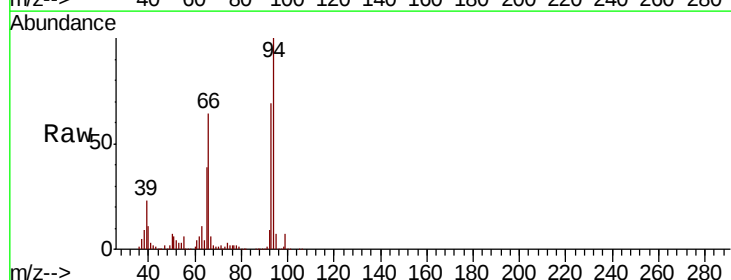
RT: 6.42 min Scan# 736

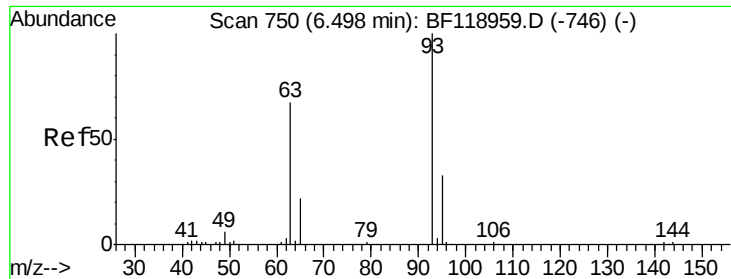
Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 735073 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 39.2  | 19.2  | 59.2   |
| 66       | 64.4  | 44.4  | 84.4   |

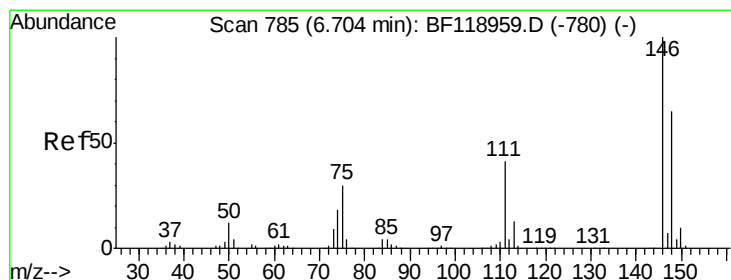
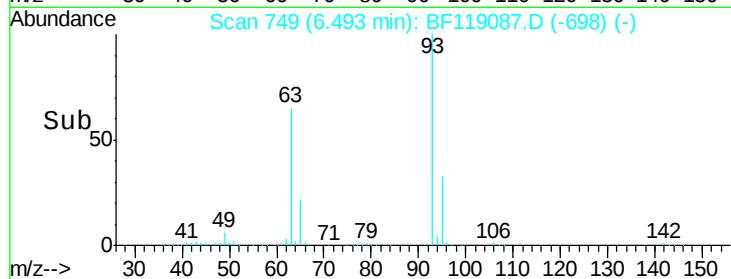
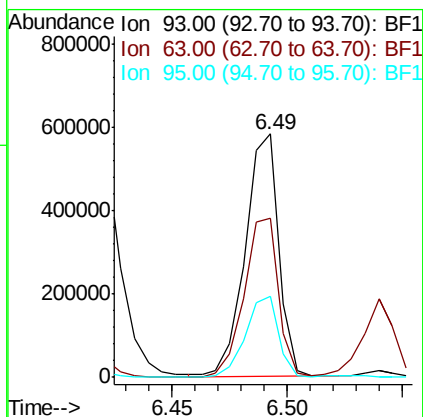
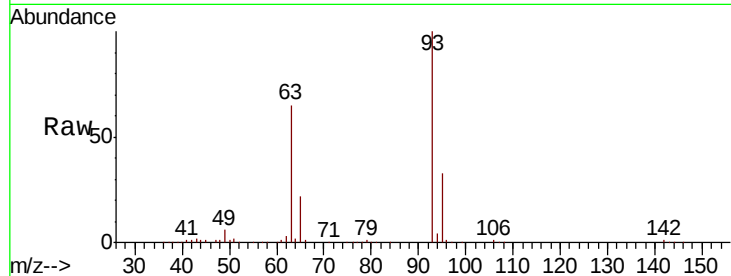




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.592 ng  
 RT: 6.49 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

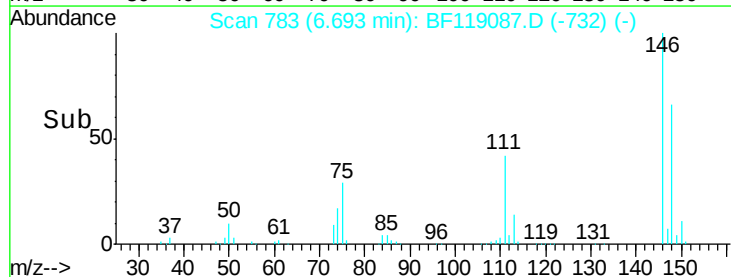
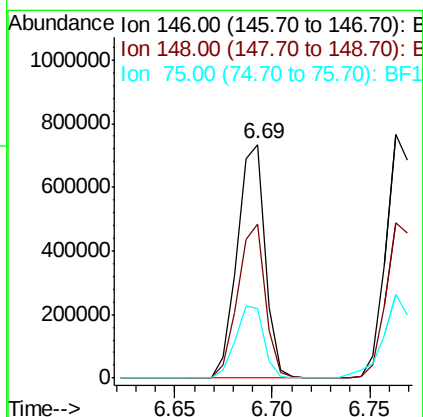
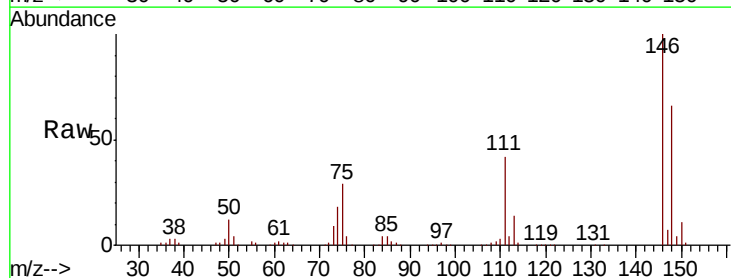
Instrument :  
 BNA\_F  
 ClientSampleId :

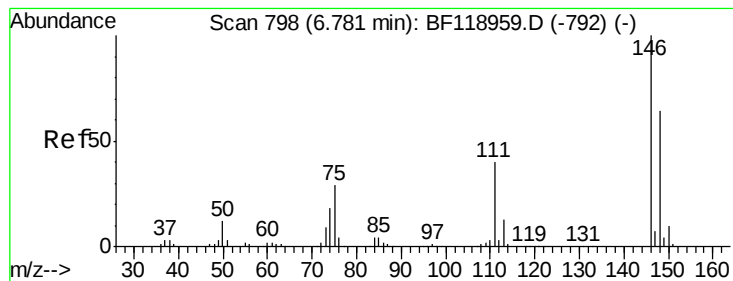
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 65.4  | 45.4  | 85.4  |
| 95      | 33.5  | 13.5  | 53.5  |



#12  
 1,3-Dichlorobenzene  
 Concen: 39.300 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 52.5  | 78.7  |
| 75      | 29.5  | 23.6  | 35.4  |





#13

1,4-Dichlorobenzene

Concen: 39.332 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

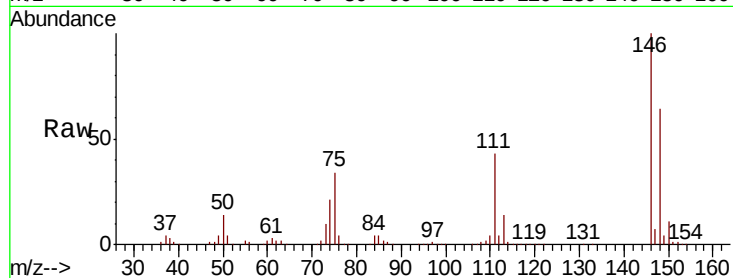
Tot Ion:146 Resp: 735748

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

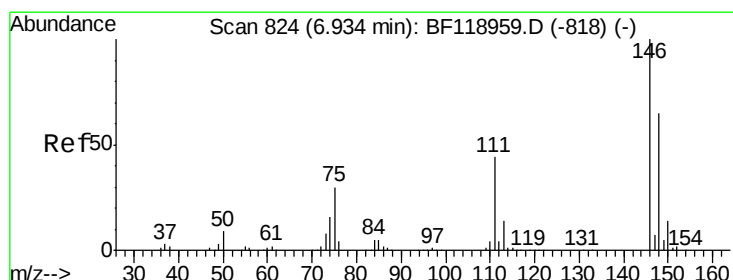
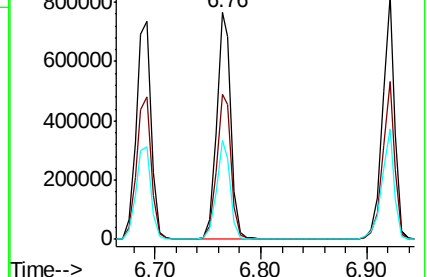
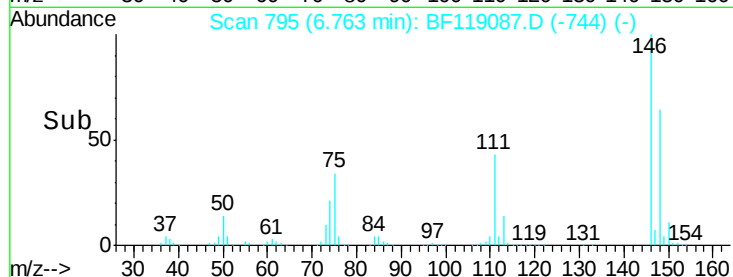
111 43.5 34.8 52.2



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: 39.136 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

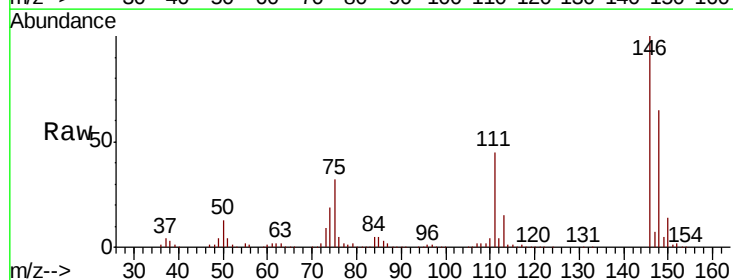
Tgt Ion:146 Resp: 667664

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

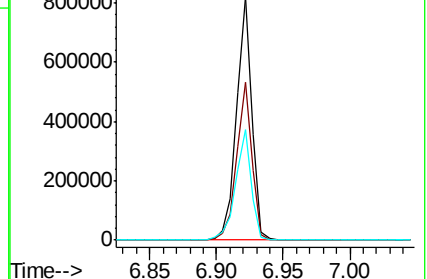
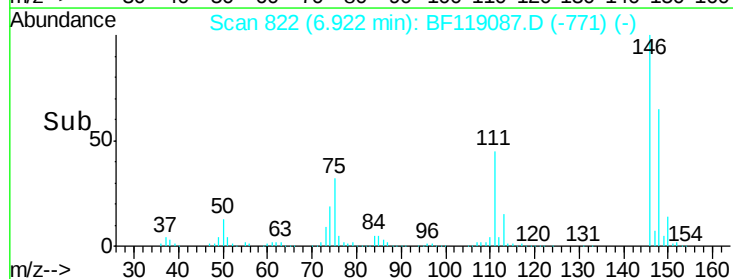
111 45.2 36.2 54.2



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: 41.366 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

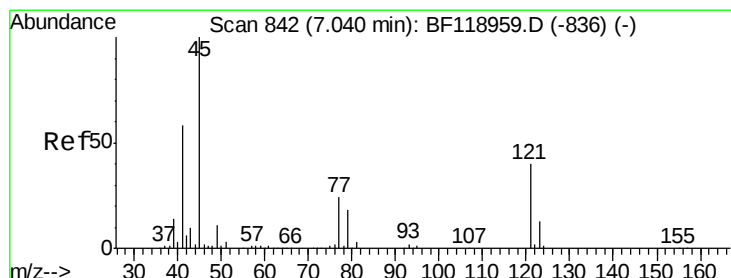
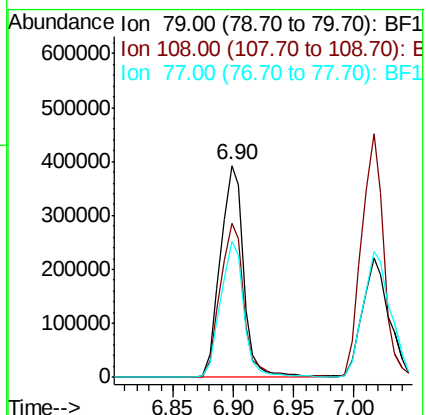
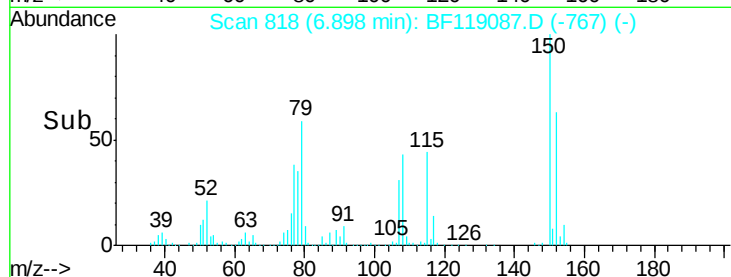
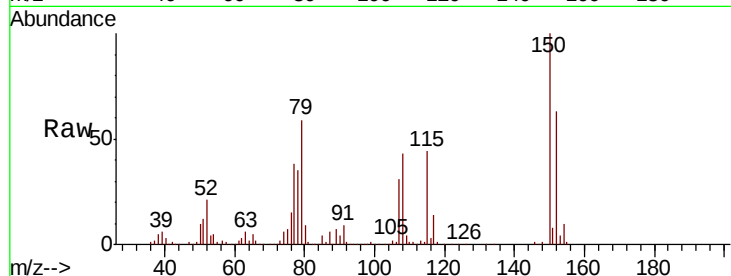
Tot Ion: 79 Resp: 525468

Ion Ratio Lower Upper

79 100

108 72.7 58.2 87.2

77 64.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.667 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

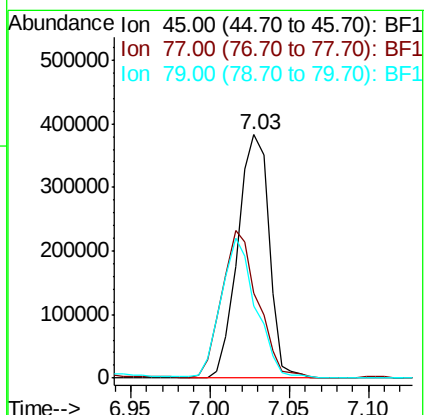
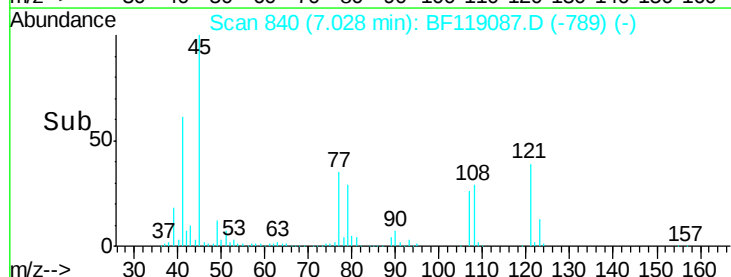
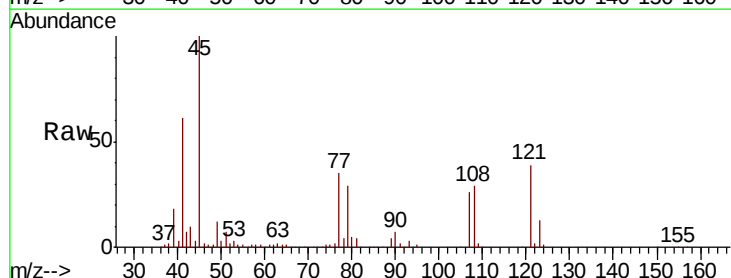
Tgt Ion: 45 Resp: 524802

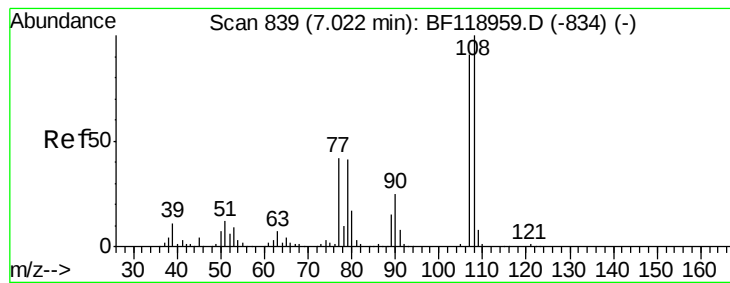
Ion Ratio Lower Upper

45 100

77 35.0 15.0 55.0

79 29.4 9.4 49.4

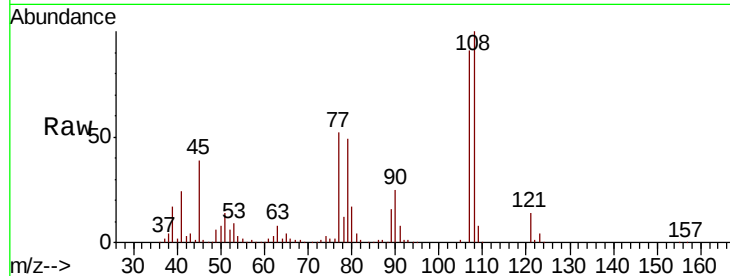




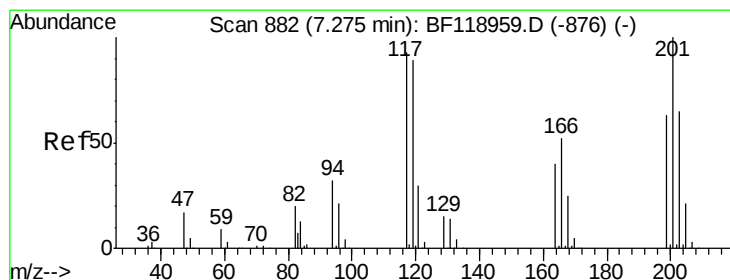
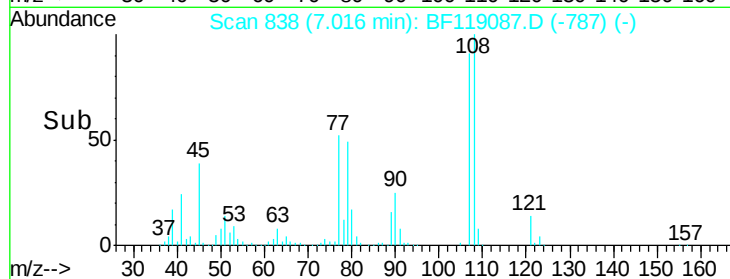
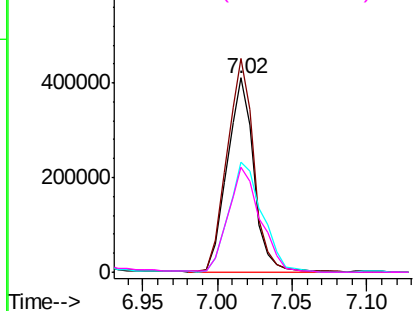
#17  
2-Methylphenol  
Concen: 40.754 ng  
RT: 7.02 min Scan# 838  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 515323 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.9 | 87.9  | 131.9  |
| 77       | 56.6  | 45.3  | 67.9   |
| 79       | 53.7  | 43.0  | 64.4   |

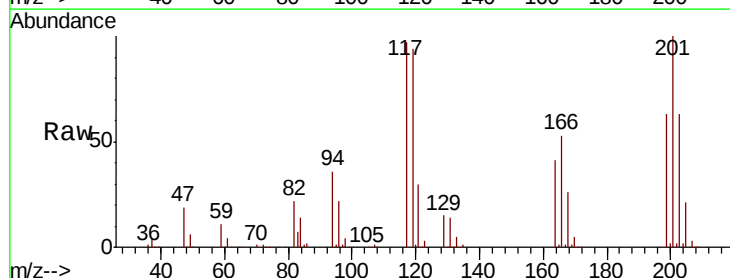


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

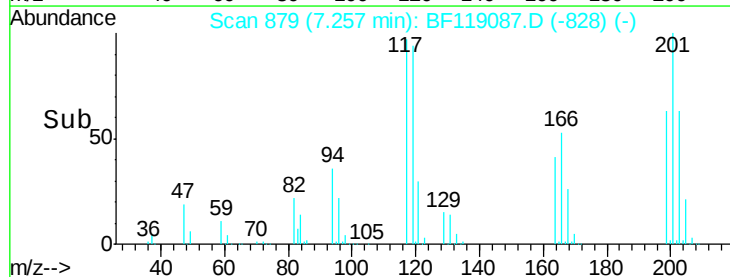
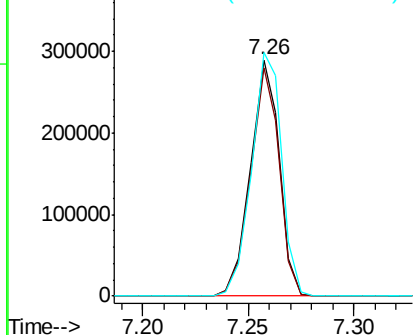


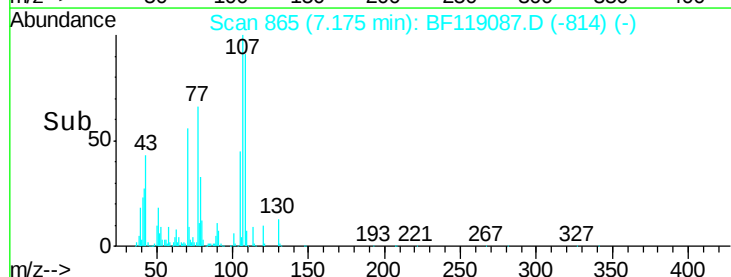
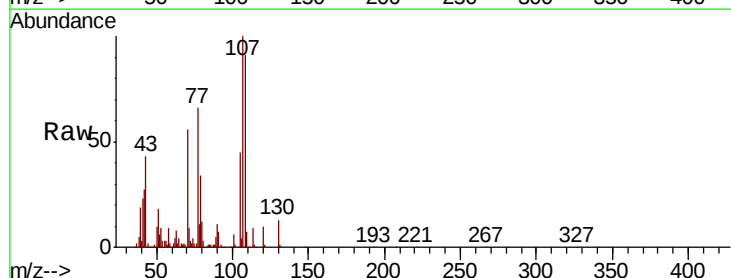
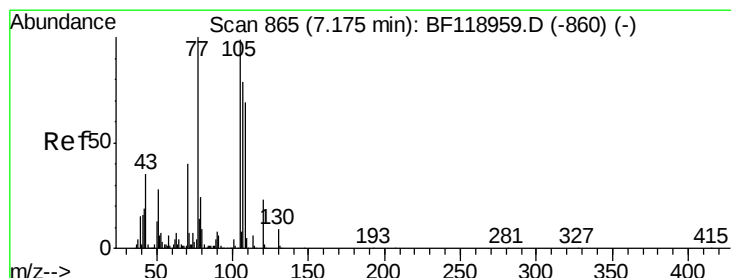
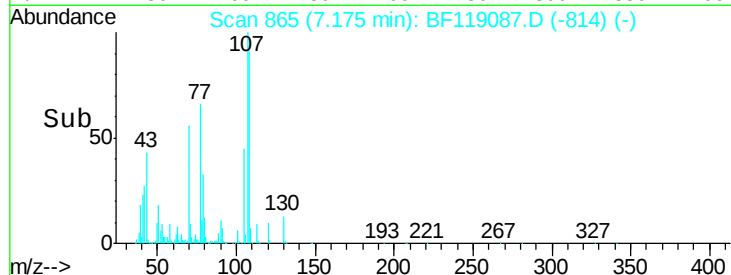
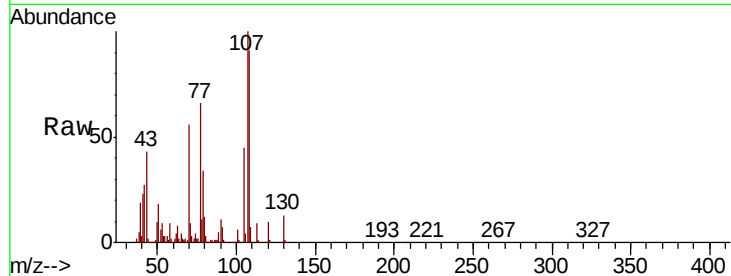
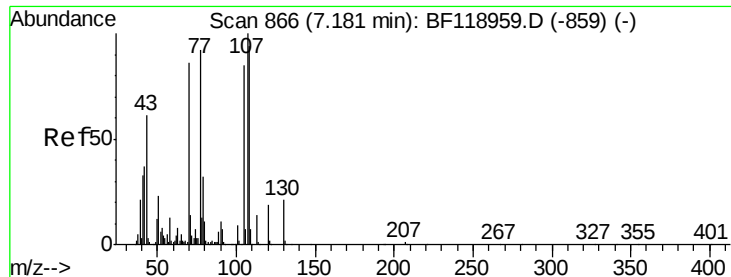
#18  
Hexachloroethane  
Concen: 41.154 ng  
RT: 7.26 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 275420 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.9  | 77.5  | 116.3  |
| 201      | 103.2 | 82.6  | 123.8  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

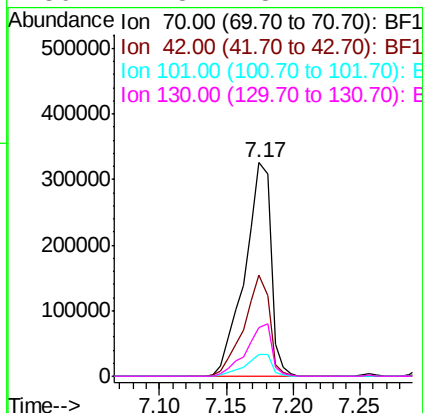




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.005 ng  
RT: 7.17 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

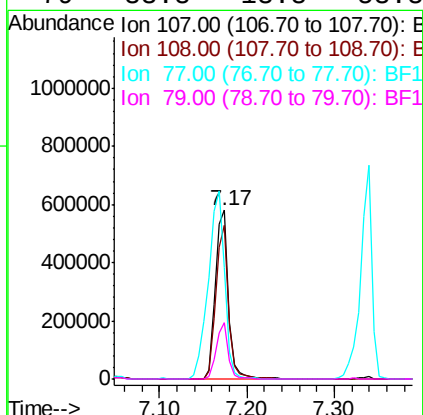
Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.5  | 38.0  | 57.0  |
| 101     | 10.3  | 8.2   | 12.4  |
| 130     | 22.8  | 18.2  | 27.4  |



#20  
3+4-Methylphenols  
Concen: 38.943 ng  
RT: 7.17 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.5  | 71.5  | 111.5 |
| 77      | 65.9  | 45.9  | 85.9  |
| 79      | 33.8  | 13.8  | 53.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 912298

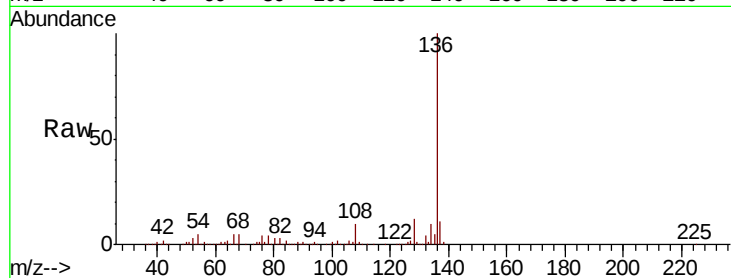
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.7 3.8 5.6

68 4.9 3.9 5.9

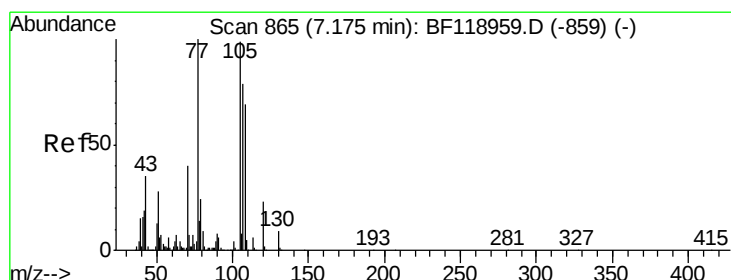
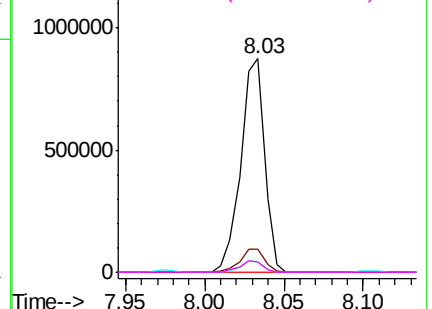


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.797 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Tgt Ion:105 Resp: 840043

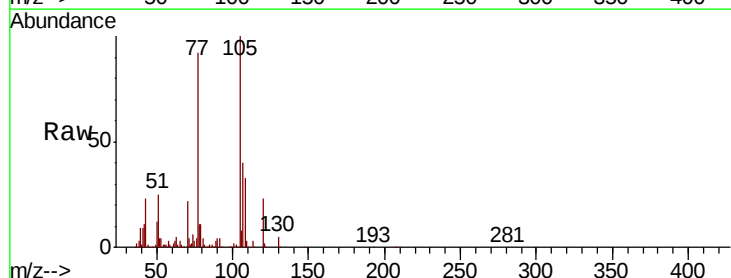
Ion Ratio Lower Upper

105 100

71 3.7 3.0 4.4

51 25.1 20.1 30.1

120 22.5 18.0 27.0

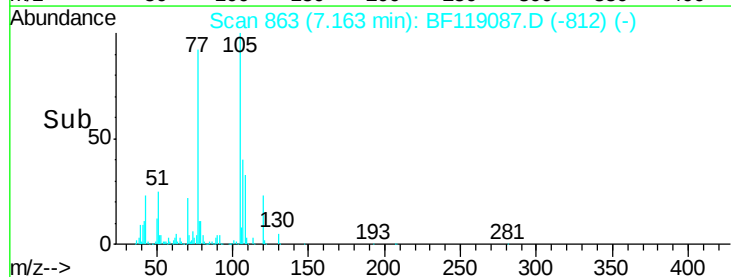
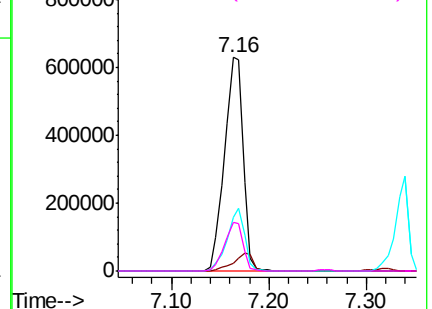


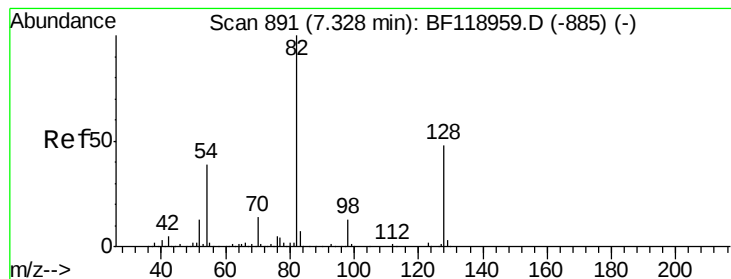
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.497 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

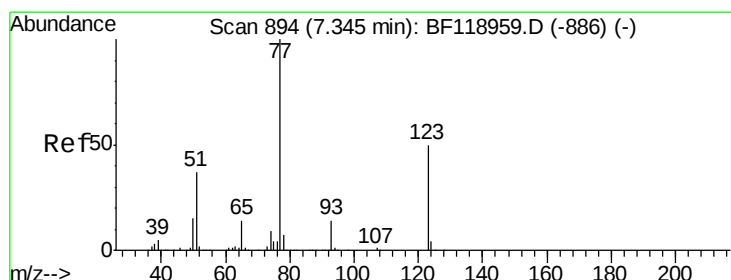
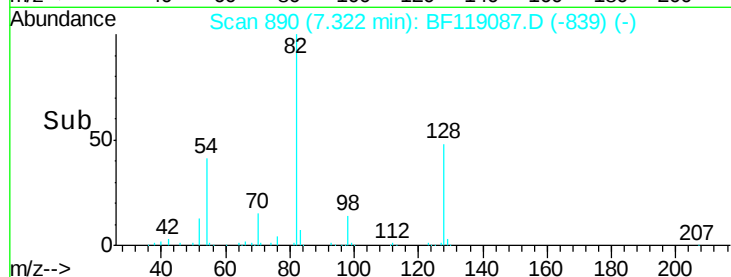
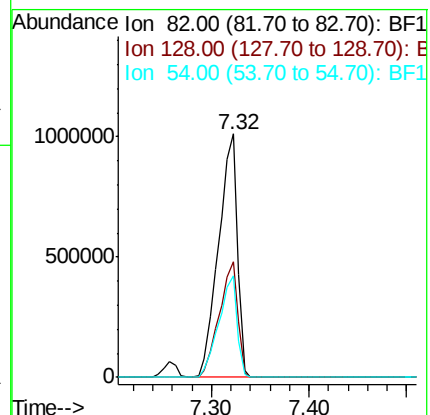
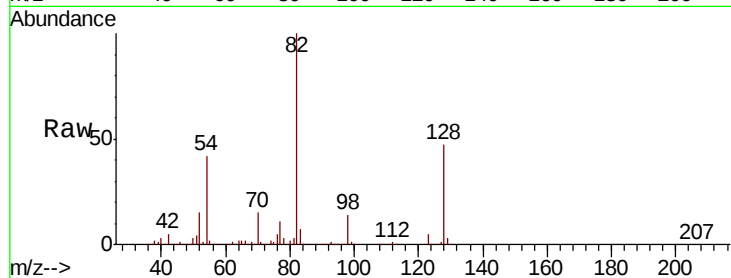
Tot Ion: 82 Resp: 1356308

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

54 41.8 33.4 50.2



#24

Nitrobenzene

Concen: 38.961 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

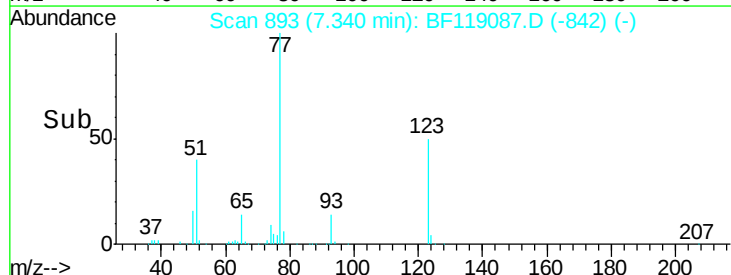
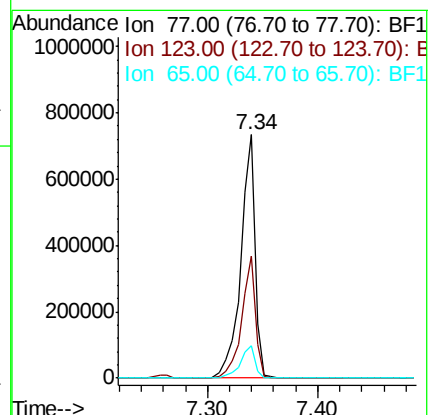
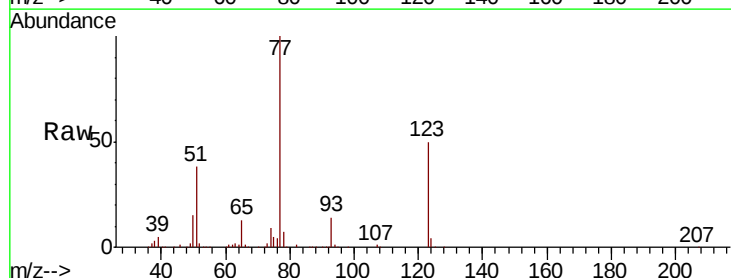
Tgt Ion: 77 Resp: 665706

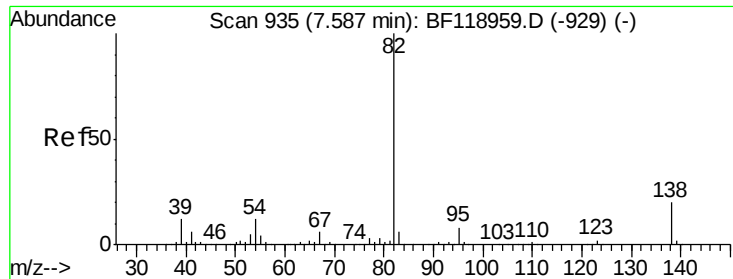
Ion Ratio Lower Upper

77 100

123 50.2 40.2 60.2

65 13.5 10.8 16.2

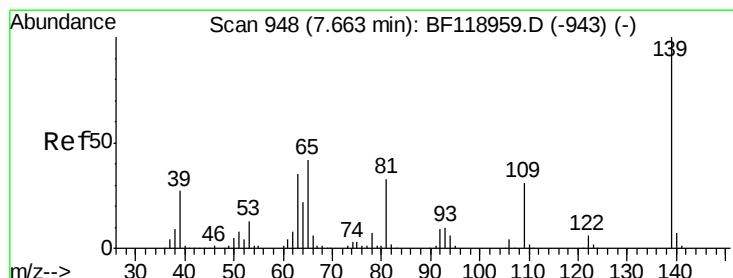
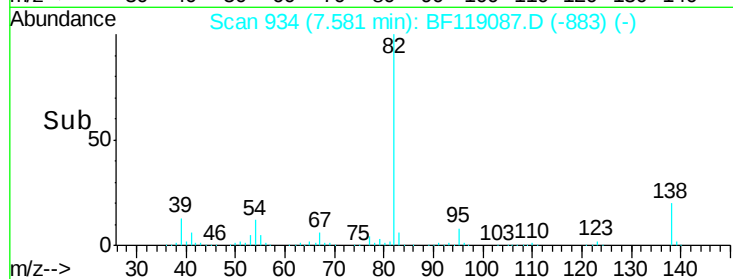
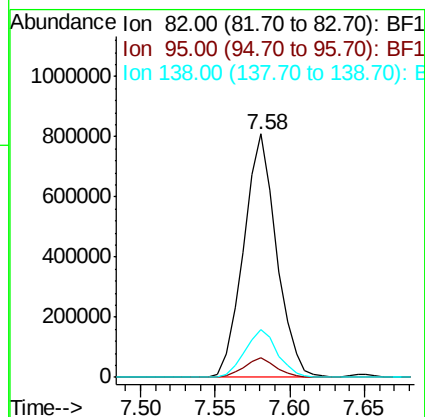
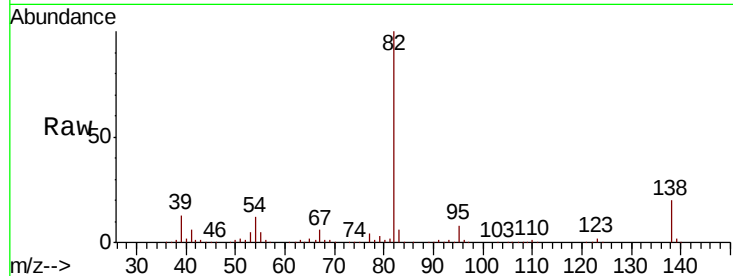




#25  
Isophorone  
Concen: 41.142 ng  
RT: 7.58 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

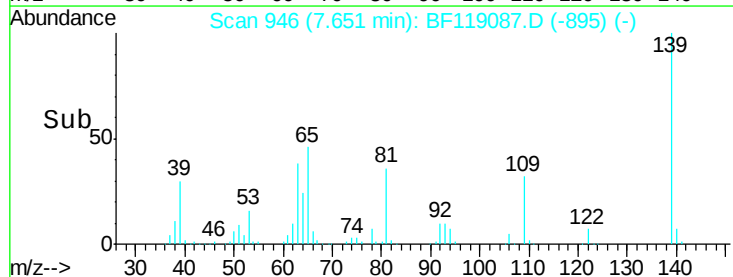
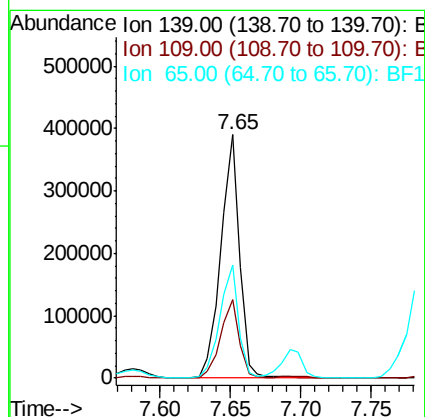
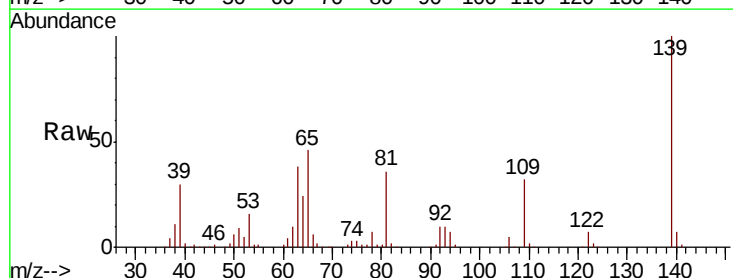
Instrument :  
BNA\_F  
ClientSampleId :

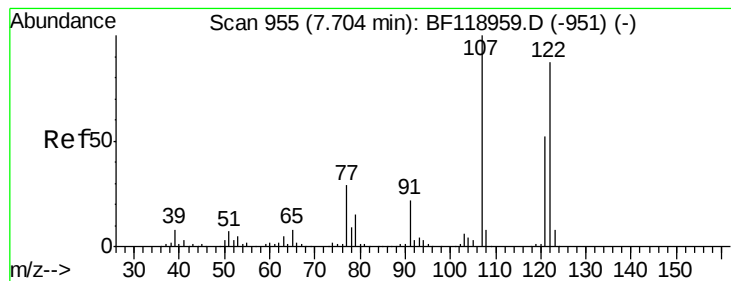
Tot Ion: 82 Resp: 1234570  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 19.6 15.7 23.5



#26  
2-Nitrophenol  
Concen: 39.954 ng  
RT: 7.65 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion: 139 Resp: 361713  
Ion Ratio Lower Upper  
139 100  
109 32.1 25.7 38.5  
65 46.4 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.240 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

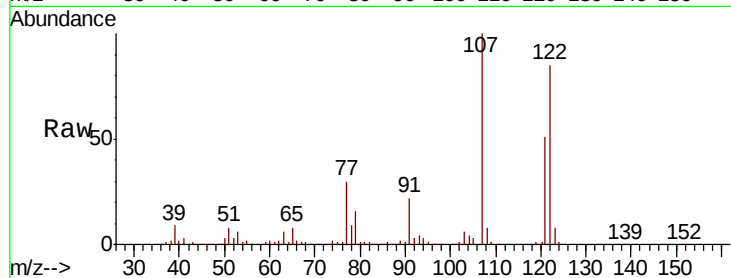
Tot Ion:122 Resp: 482142

Ion Ratio Lower Upper

122 100

107 117.2 93.8 140.6

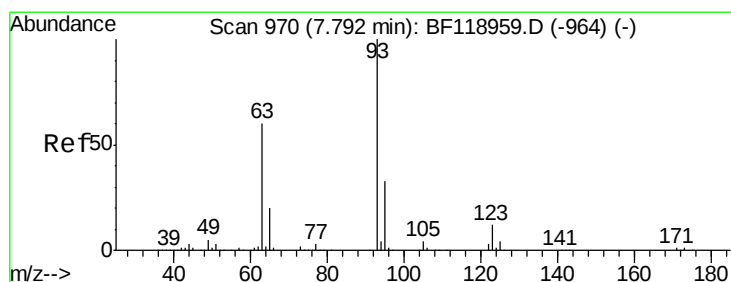
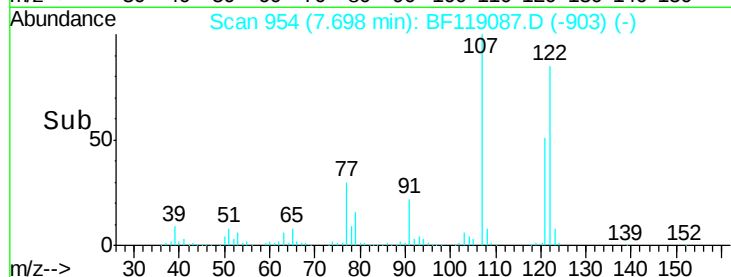
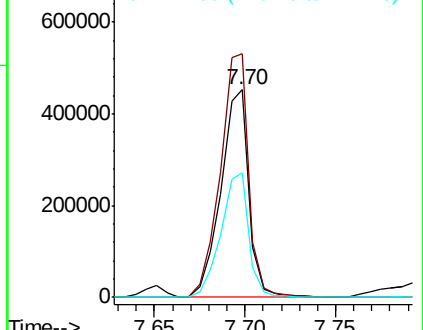
121 60.2 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.025 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

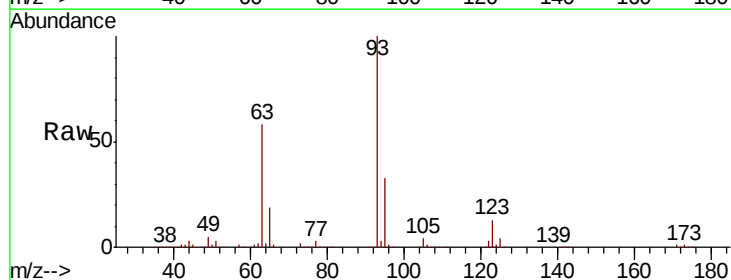
Tgt Ion: 93 Resp: 781765

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

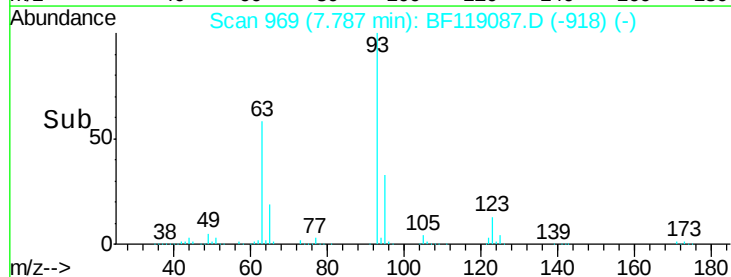
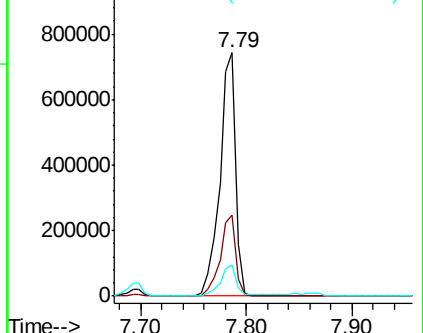
123 12.7 10.2 15.2

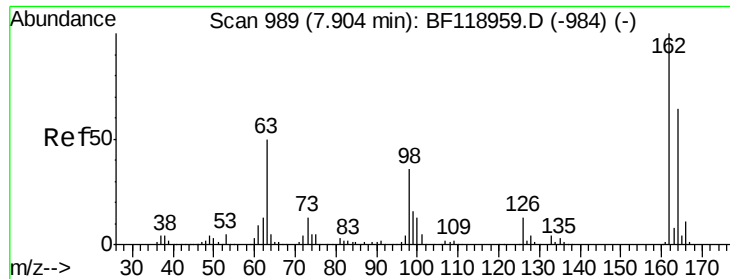


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

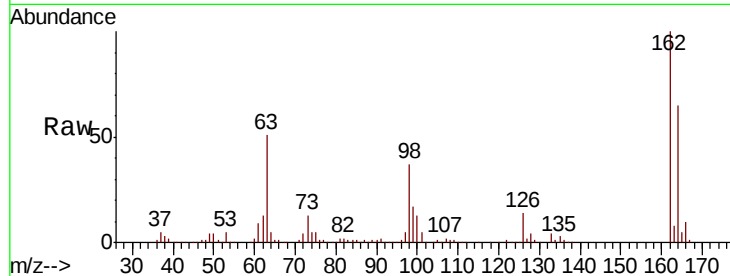




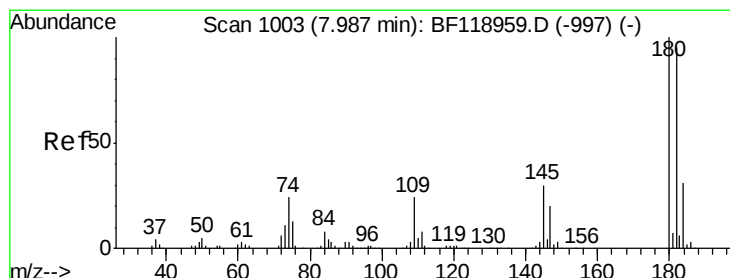
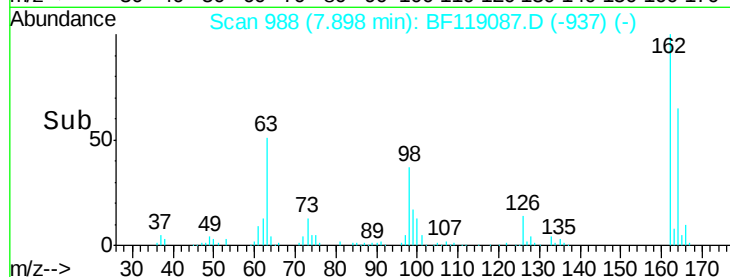
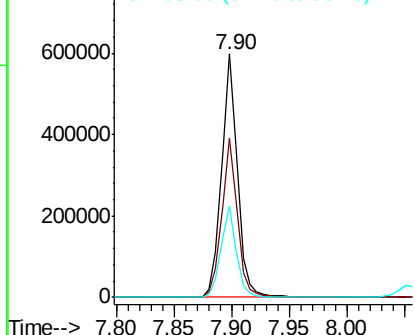
#29  
2,4-Dichlorophenol  
Concen: 39.768 ng  
RT: 7.90 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 45.2  | 85.2  |
| 98      | 37.4  | 17.4  | 57.4  |

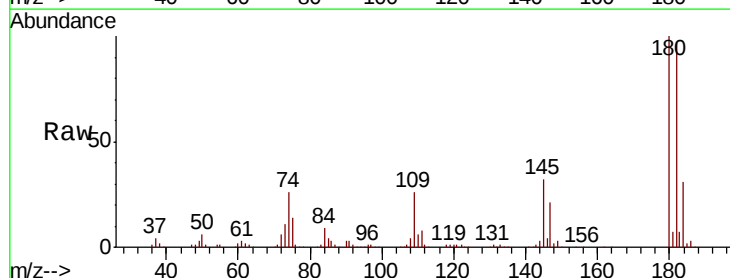


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

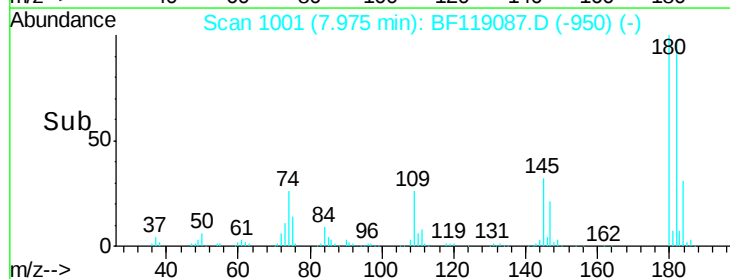
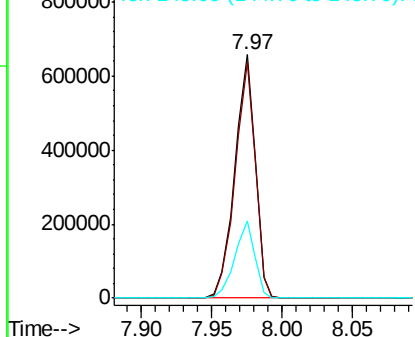


#30  
1,2,4-Trichlorobenzene  
Concen: 38.706 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 77.8  | 116.6 |
| 145     | 31.5  | 25.2  | 37.8  |



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





#31

Naphthalene

Concen: 38.151 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampled :

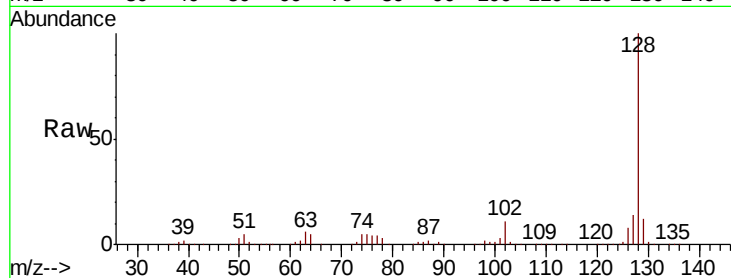
Tot Ion:128 Resp: 1805055

Ion Ratio Lower Upper

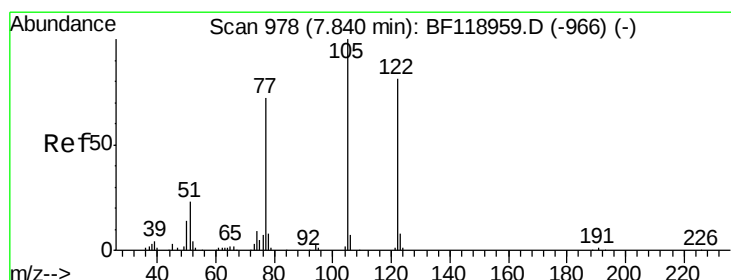
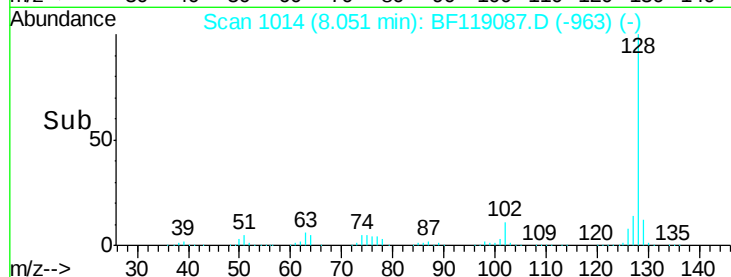
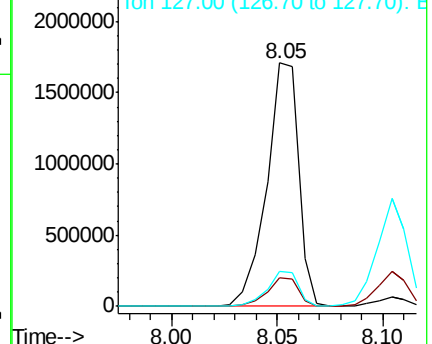
128 100

129 11.8 9.4 14.2

127 14.3 11.4 17.2



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



#32

Benzoic acid

Concen: 44.406 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

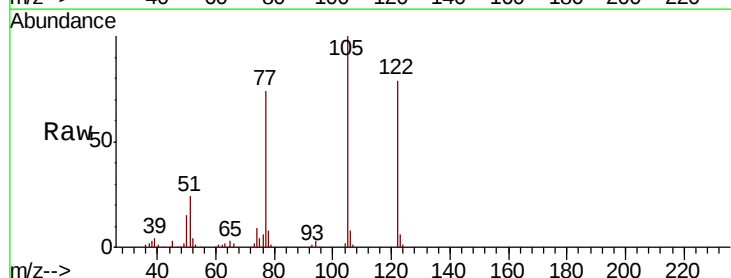
Tgt Ion:122 Resp: 392904

Ion Ratio Lower Upper

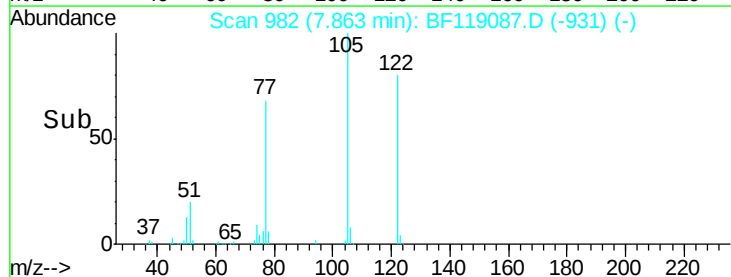
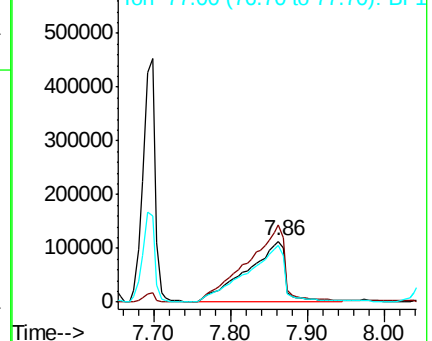
122 100

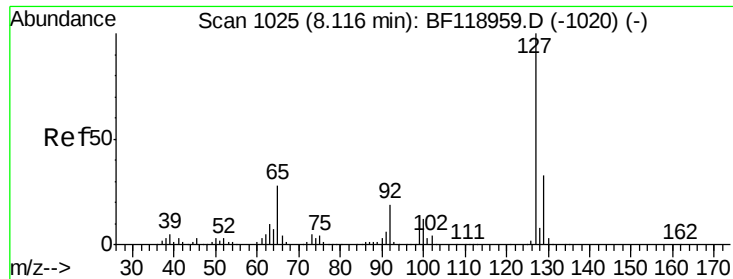
105 126.3 106.3 146.3

77 93.1 73.1 113.1



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

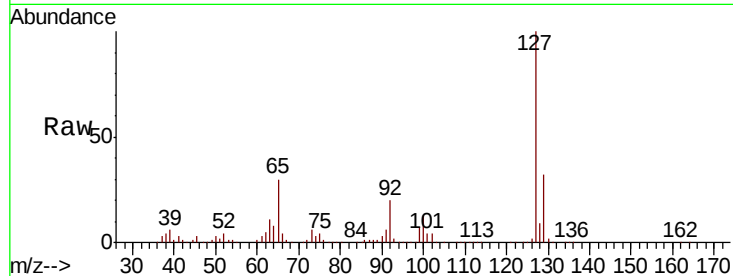




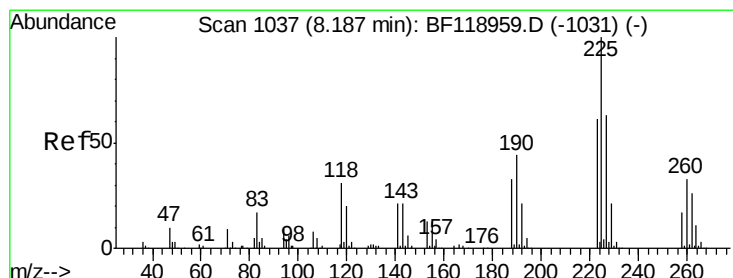
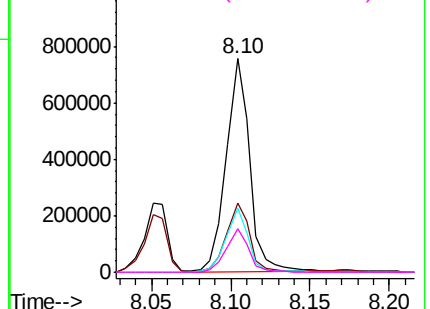
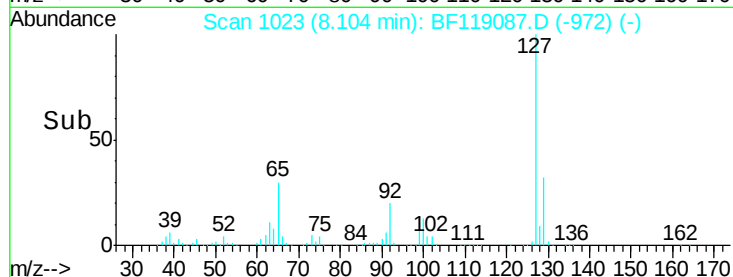
#33  
4-Chloroaniline  
Concen: 37.995 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 773188 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.9  | 38.9   |
| 65       | 29.9  | 23.9  | 35.9   |
| 92       | 20.4  | 16.3  | 24.5   |

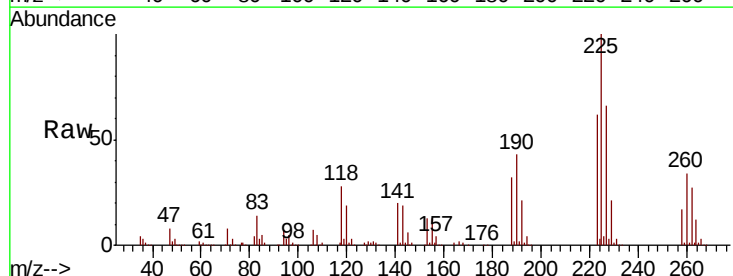


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

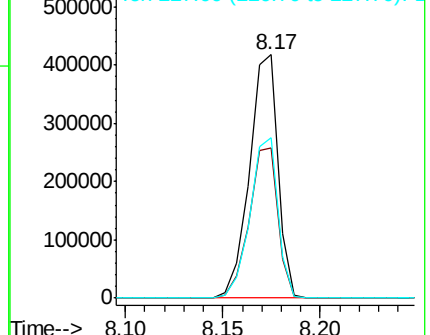
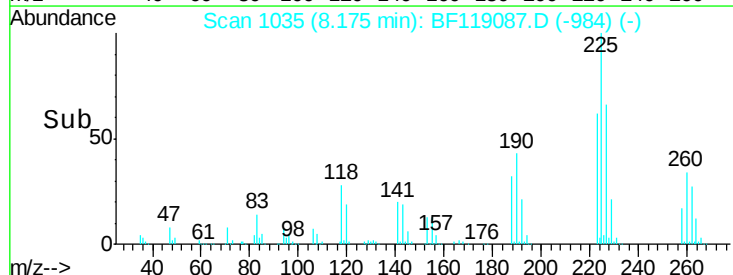


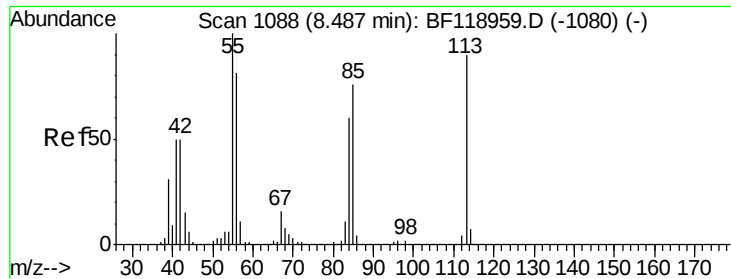
#34  
Hexachlorobutadiene  
Concen: 39.479 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 421735 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 49.4  | 74.2   |
| 227      | 66.1  | 52.9  | 79.3   |



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

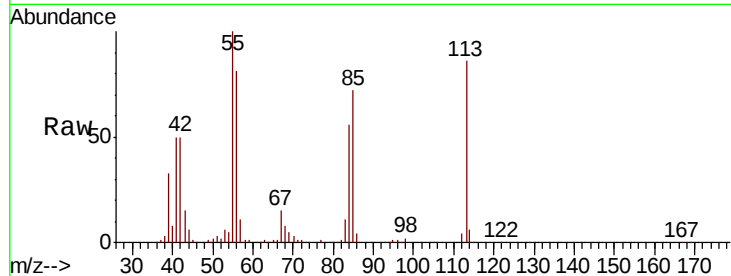




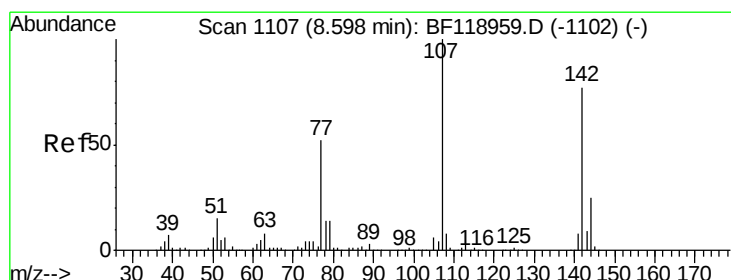
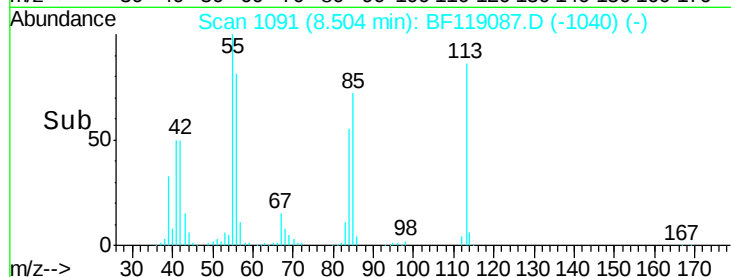
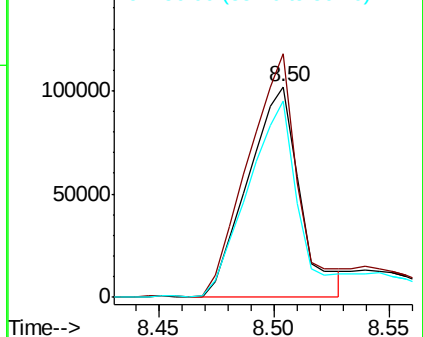
#35  
Caprolactam  
Concen: 35.507 ng  
RT: 8.50 min Scan# 1091  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 158144  
Ion Ratio Lower Upper  
113 100  
55 115.7 95.7 135.7  
56 93.1 73.1 113.1

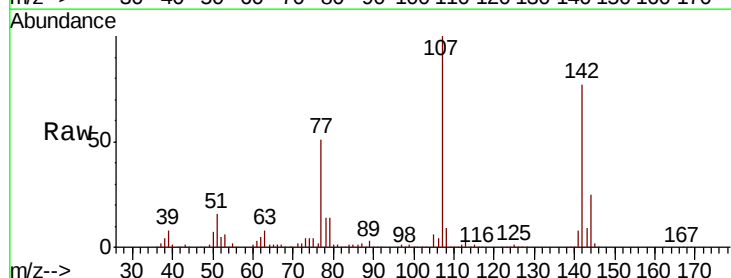


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

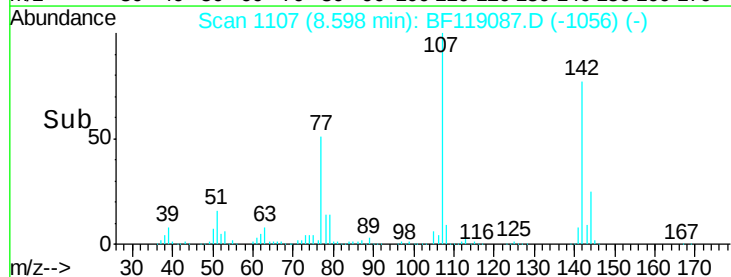
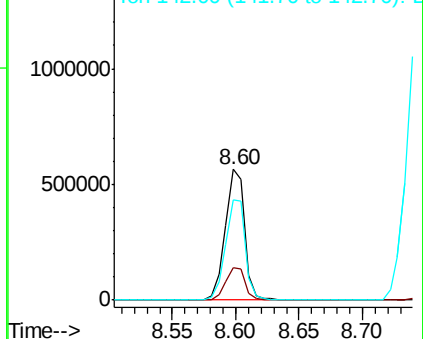


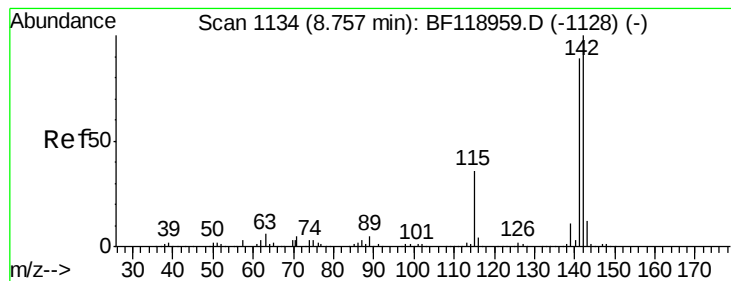
#36  
4-Chloro-3-methylphenol  
Concen: 40.844 ng  
RT: 8.60 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:107 Resp: 597909  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.1 30.1  
142 76.8 61.4 92.2



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

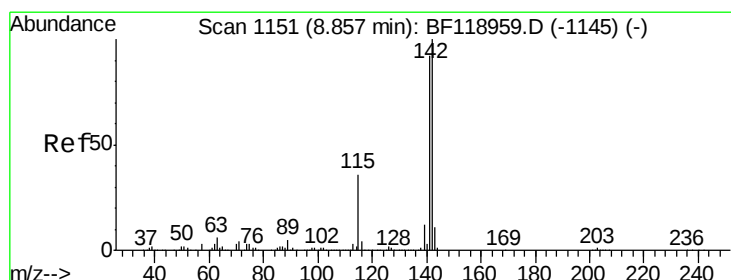
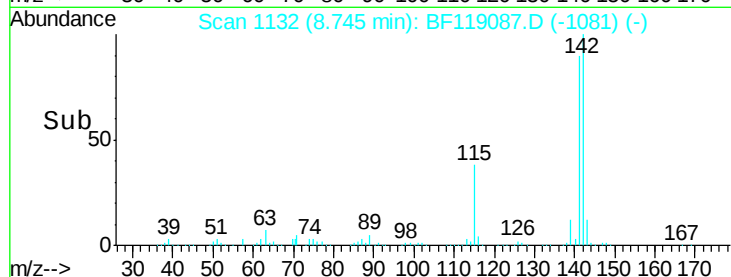
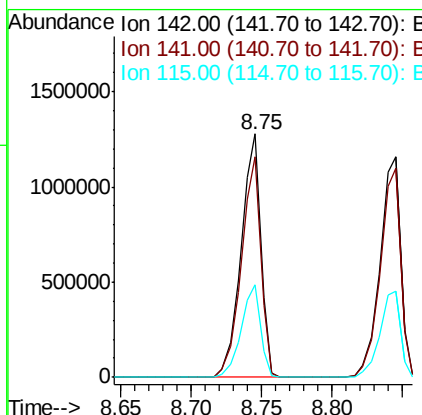
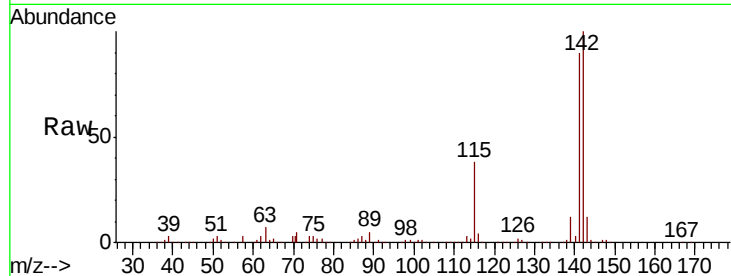




#37  
2-Methylnaphthalene  
Concen: 39.081 ng  
RT: 8.75 min Scan# 1132  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

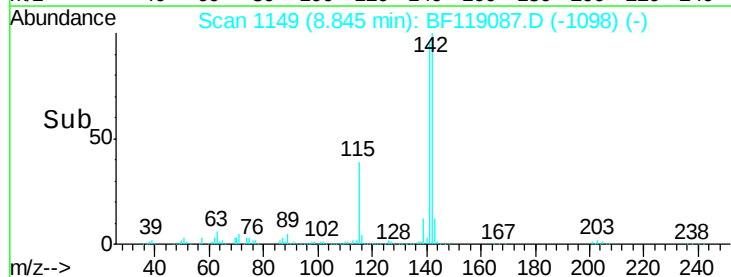
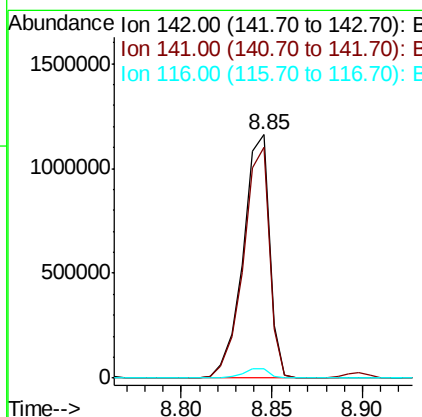
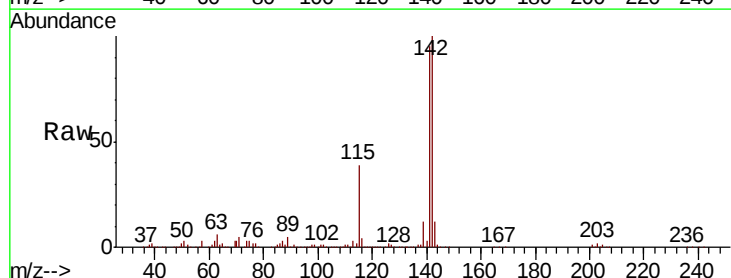
Instrument :  
BNA\_F  
ClientSampleId :

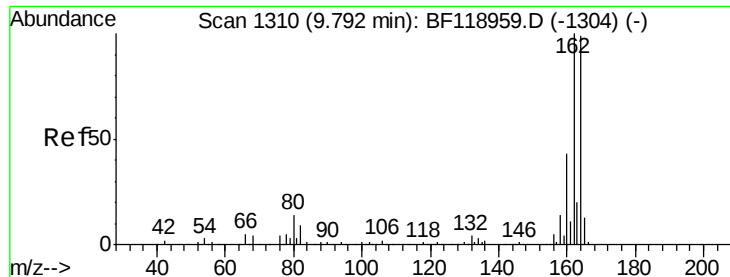
Tot Ion:142 Resp: 1244345  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.3 108.5  
115 38.2 30.6 45.8



#38  
1-Methylnaphthalene  
Concen: 39.149 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:142 Resp: 1172304  
Ion Ratio Lower Upper  
142 100  
141 94.7 75.8 113.6  
116 3.9 3.1 4.7

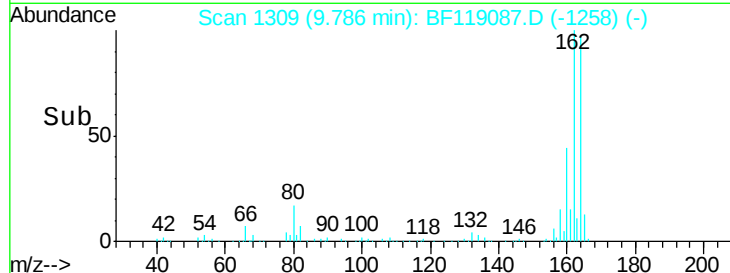
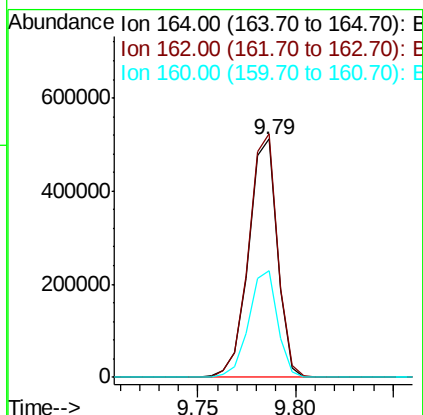
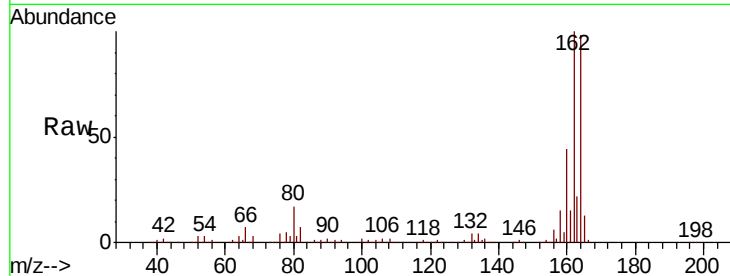




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.79 min Scan# 1309  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

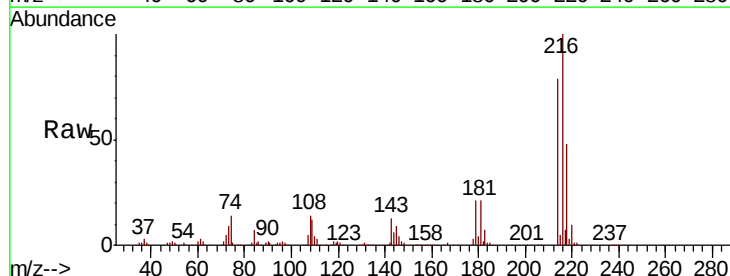
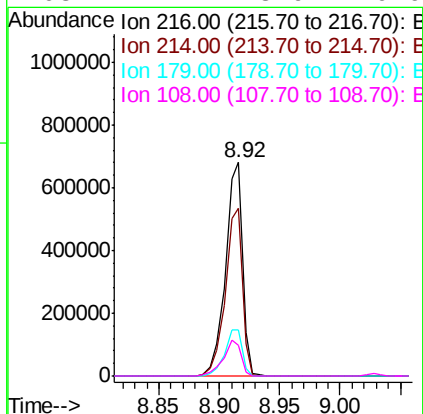
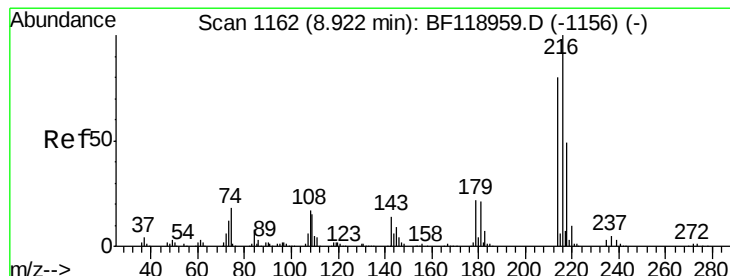
Instrument :  
 BNA\_F  
 ClientSampleId :

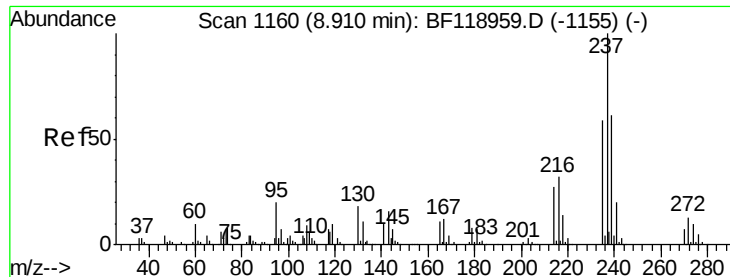
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 81.8  | 122.8 |
| 160     | 45.0  | 36.0  | 54.0  |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.649 ng  
 RT: 8.92 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.3  | 94.9  |
| 179     | 22.1  | 17.7  | 26.5  |
| 108     | 17.4  | 13.9  | 20.9  |





#41

Hexachlorocyclopentadiene

Concen: 38.637 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

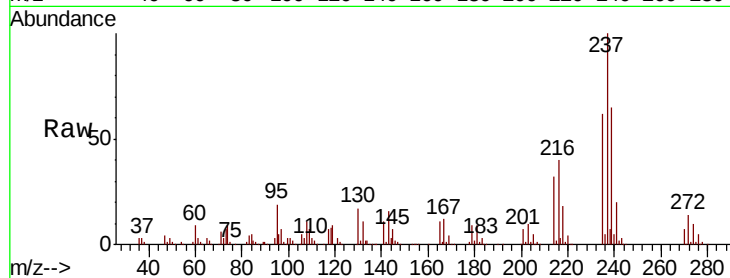
Tot Ion:237 Resp: 212258

Ion Ratio Lower Upper

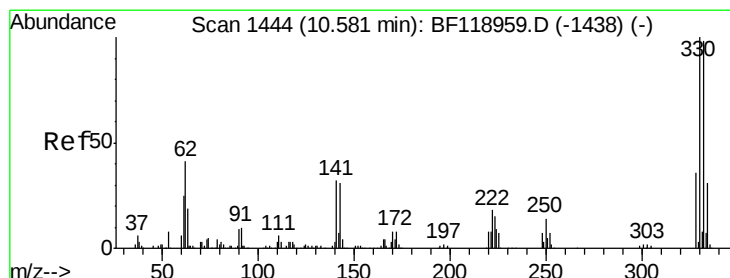
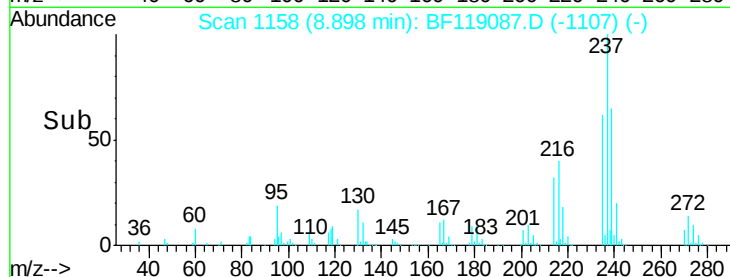
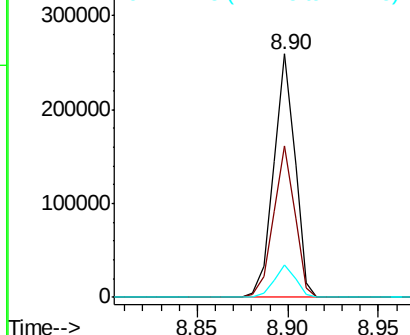
237 100

235 62.3 42.3 82.3

272 13.5 0.0 33.5



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: 82.845 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

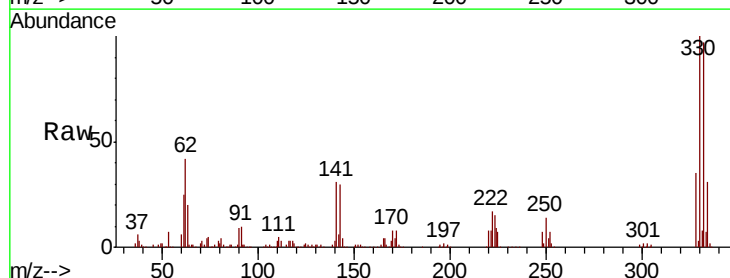
Tgt Ion:330 Resp: 565716

Ion Ratio Lower Upper

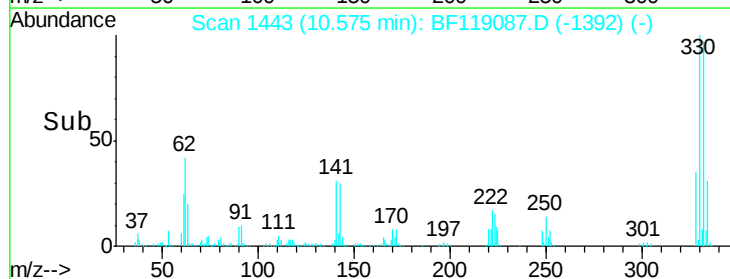
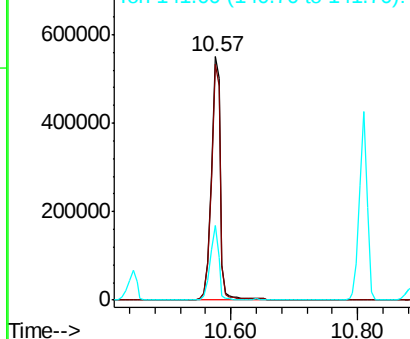
330 100

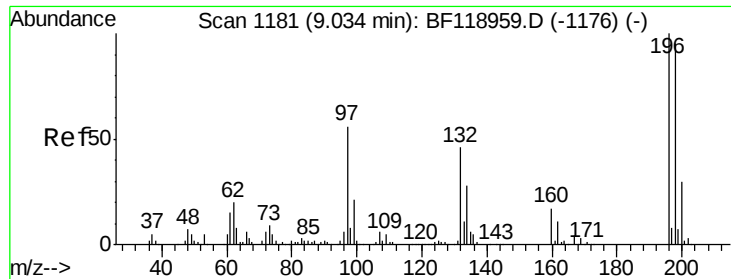
332 95.0 76.0 114.0

141 28.6 22.9 34.3



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

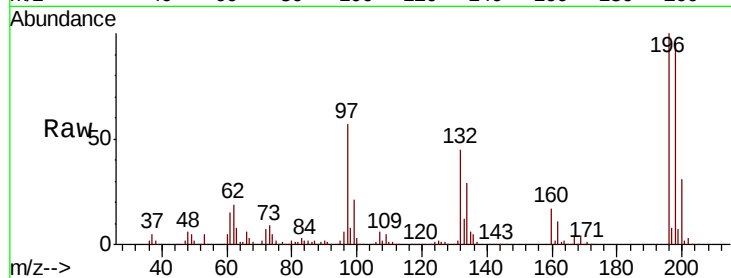




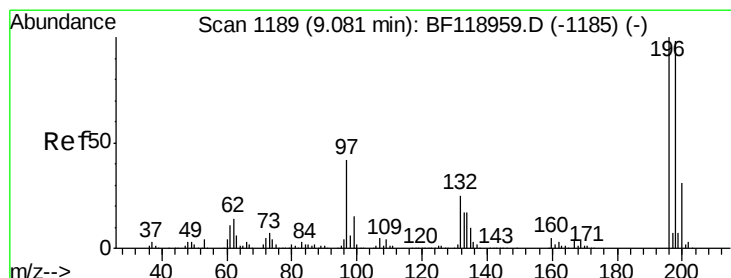
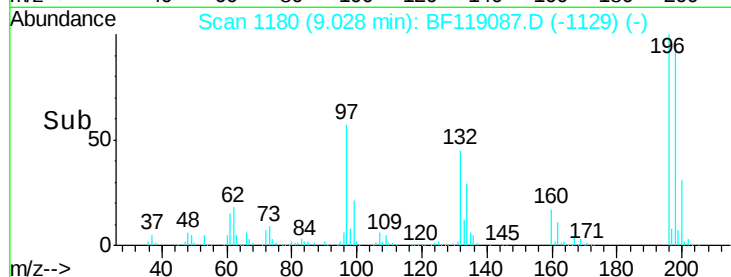
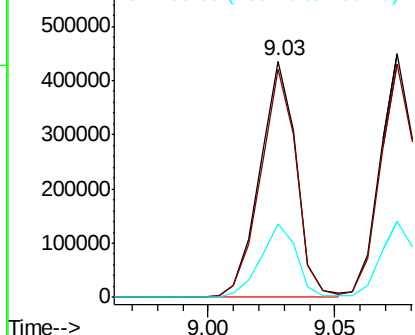
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.272 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 436469  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 77.1 115.7  
 200 31.3 25.0 37.6

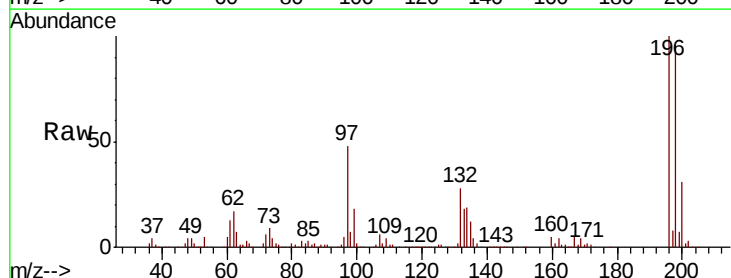


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

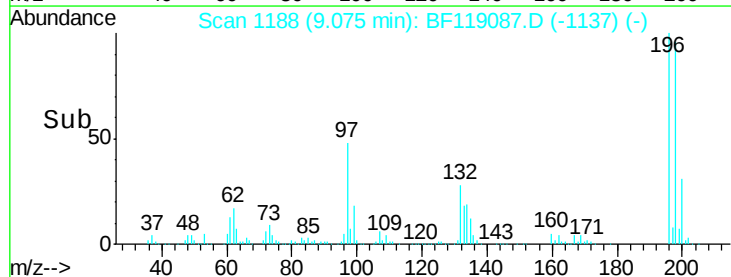
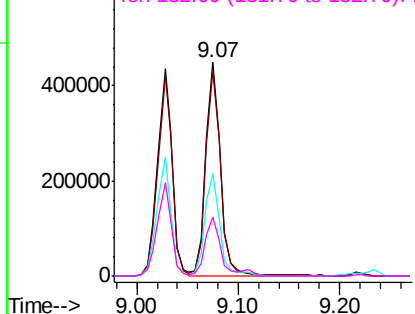


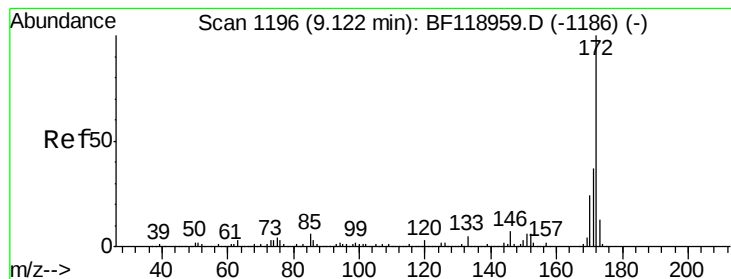
#44  
 2,4,5-Trichlorophenol  
 Concen: 38.701 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Tgt Ion:196 Resp: 451352  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.8 115.2  
 97 48.1 38.5 57.7  
 132 27.8 22.2 33.4



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



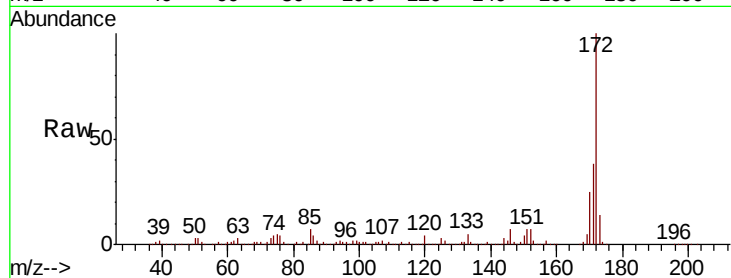


#45  
 2-Fluorobiphenyl  
 Concen: 72.042 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

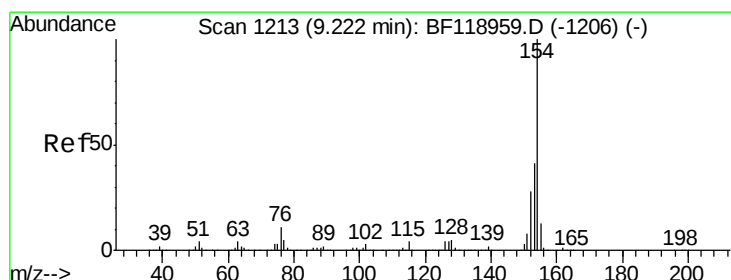
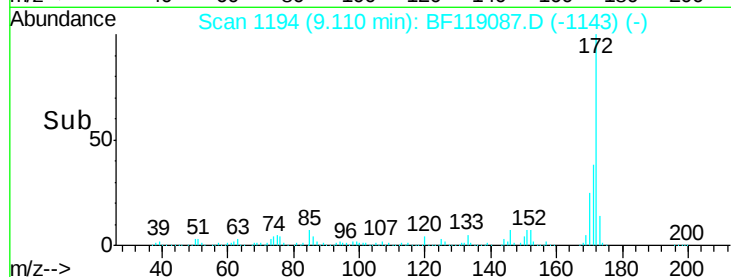
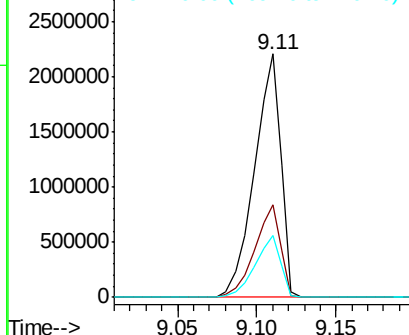
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 2552717  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.2  | 30.6  | 45.8  |
| 170 | 25.2  | 20.2  | 30.2  |



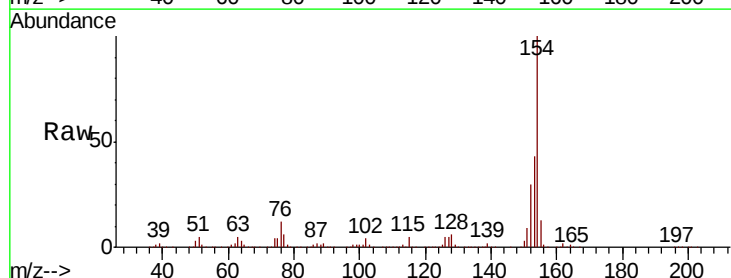
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



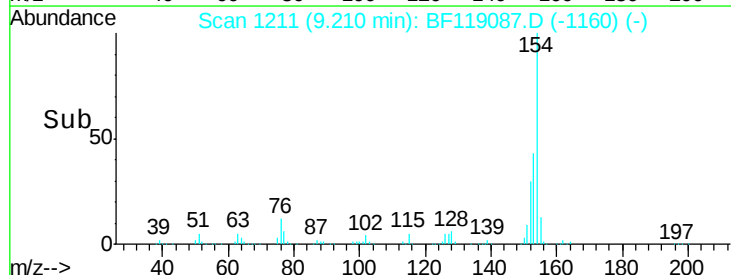
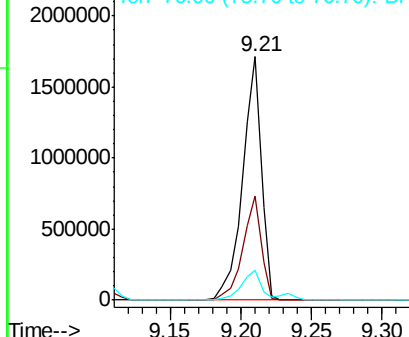
#46  
 1,1'-Biphenyl  
 Concen: 37.636 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

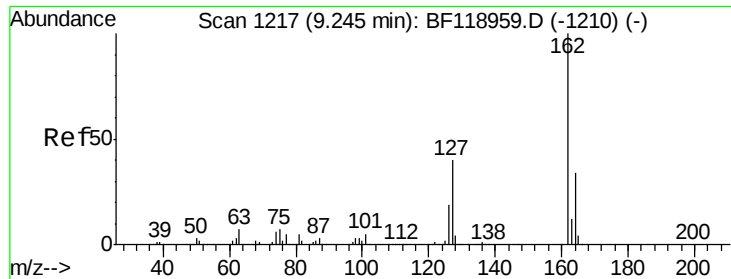
Tgt Ion:154 Resp: 1587803  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.8  | 22.8  | 62.8  |
| 76  | 12.2  | 0.0   | 32.2  |



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

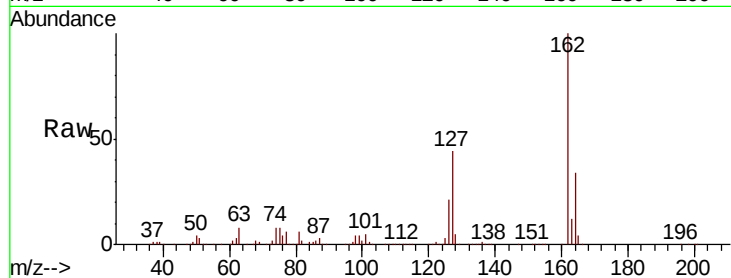




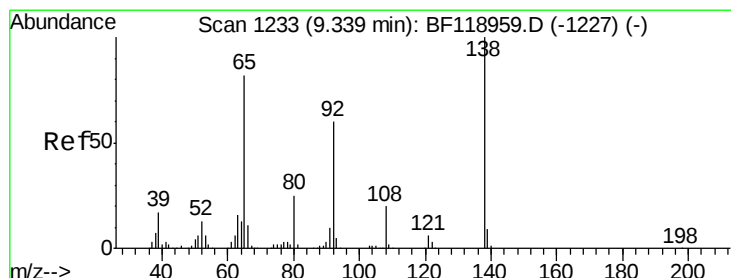
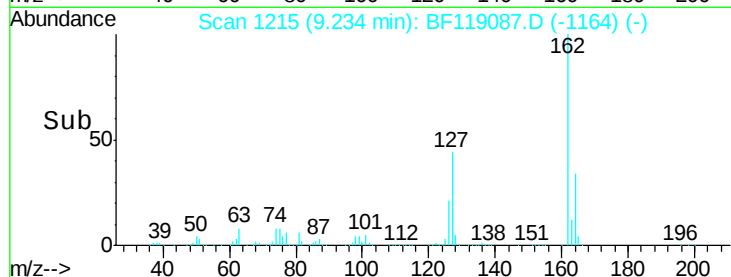
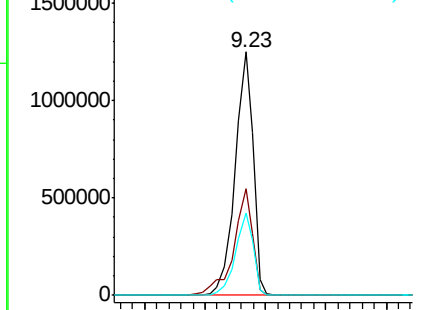
#47  
 2-Chloronaphthalene  
 Concen: 38.292 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1301819  
 Ion Ratio Lower Upper  
 162 100  
 127 43.7 35.0 52.4  
 164 34.0 27.2 40.8

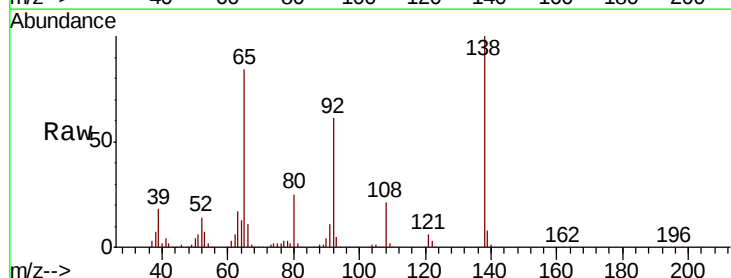


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

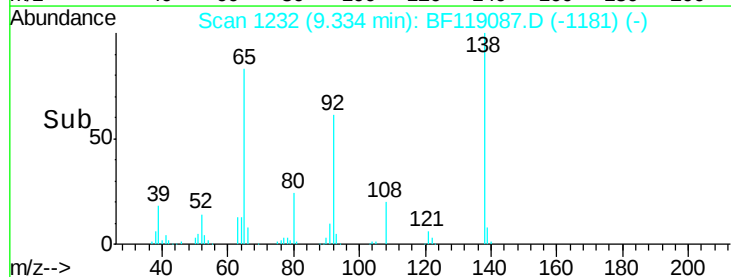
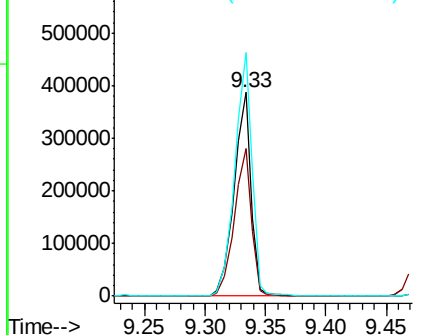


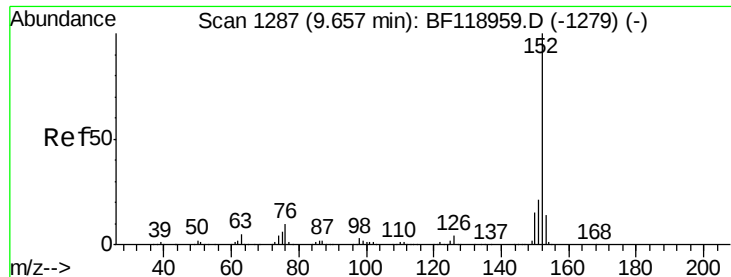
#48  
 2-Nitroaniline  
 Concen: 40.292 ng  
 RT: 9.33 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Tgt Ion: 65 Resp: 382070  
 Ion Ratio Lower Upper  
 65 100  
 92 72.7 58.2 87.2  
 138 119.5 95.6 143.4



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





#49

Acenaphthylene

Concen: 37.599 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

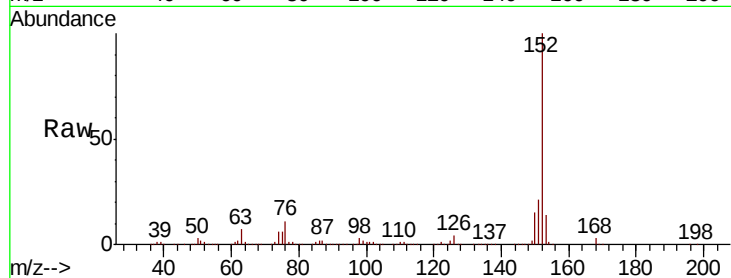
Tot Ion:152 Resp: 1846205

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

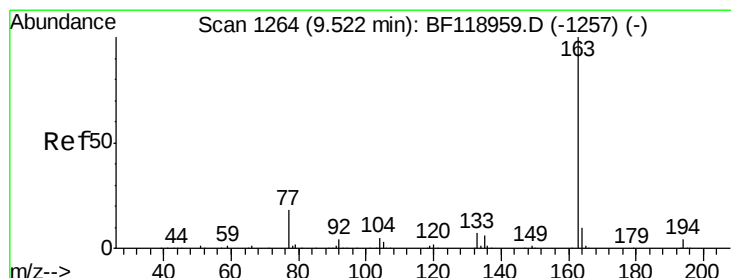
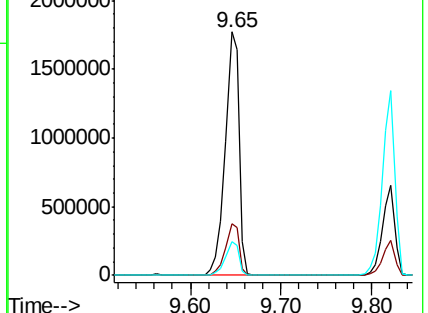
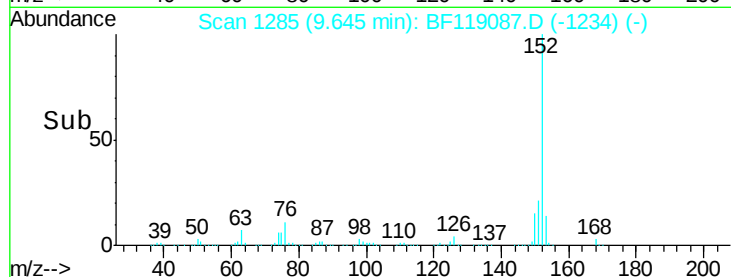
153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.835 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

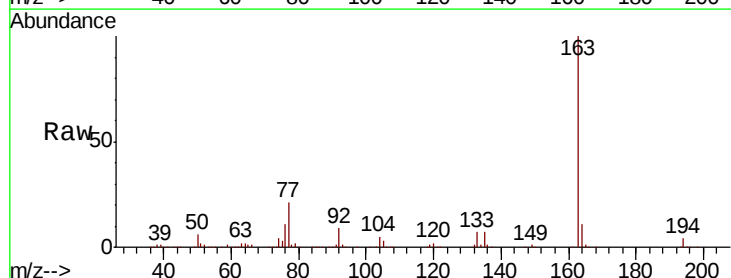
Tgt Ion:163 Resp: 1629965

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

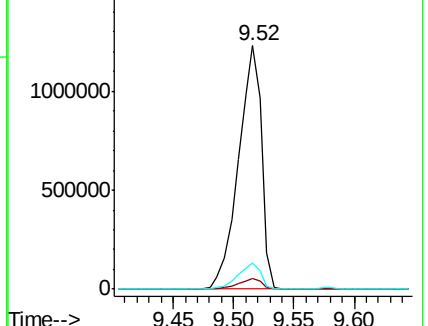
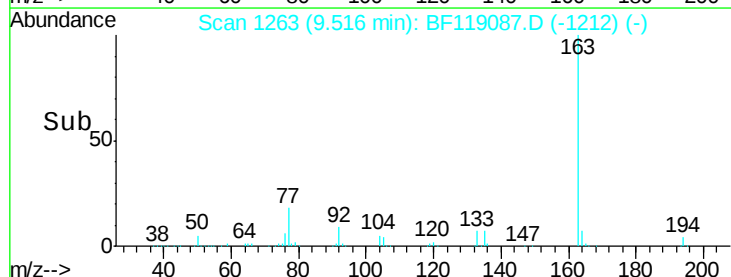
164 10.5 8.4 12.6



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

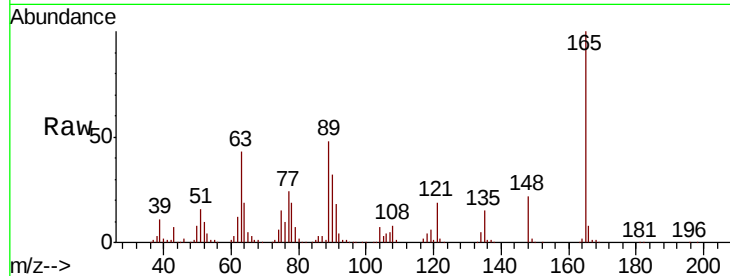




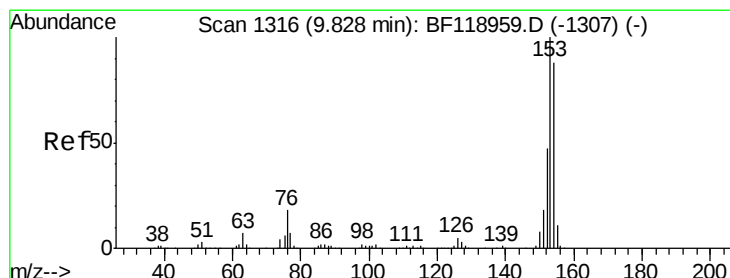
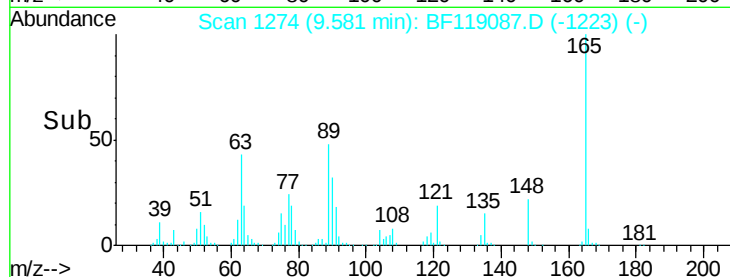
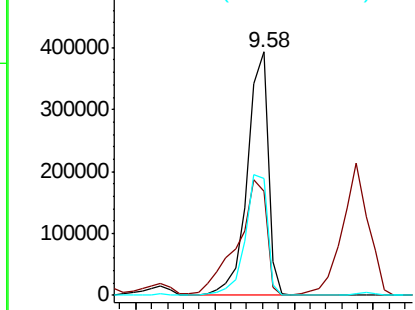
#51  
2,6-Dinitrotoluene  
Concen: 40.261 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 357044  
Ion Ratio Lower Upper  
165 100  
63 42.9 34.3 51.5  
89 47.9 38.3 57.5

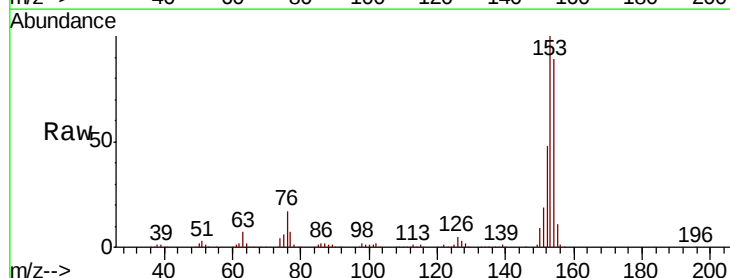


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

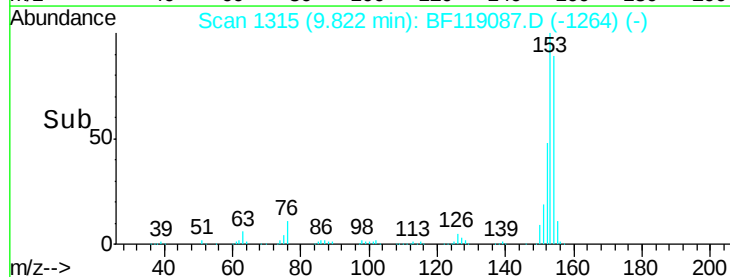
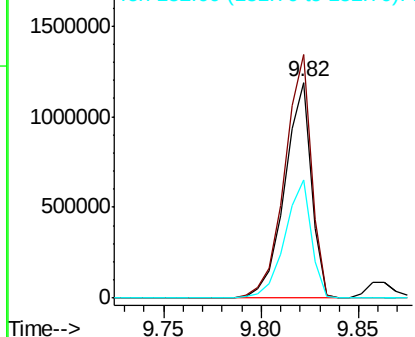


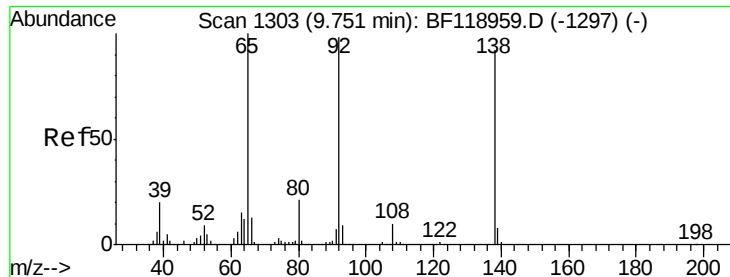
#52  
Acenaphthene  
Concen: 38.087 ng  
RT: 9.82 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:154 Resp: 1127678  
Ion Ratio Lower Upper  
154 100  
153 112.9 90.3 135.5  
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

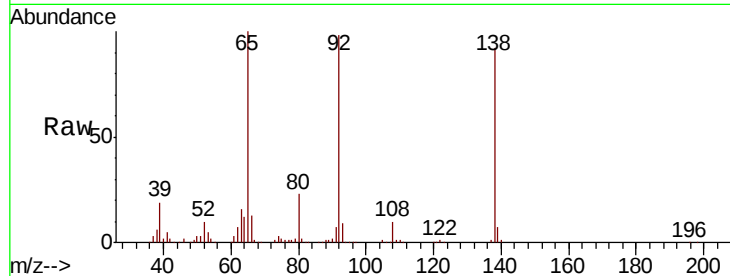




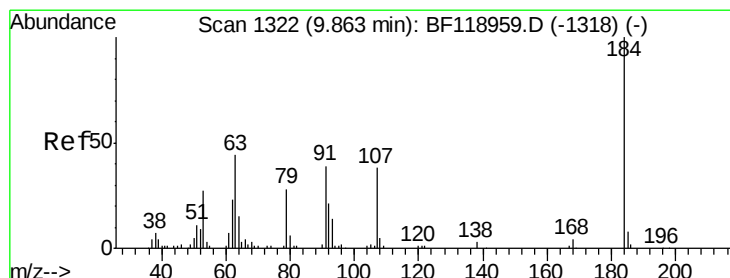
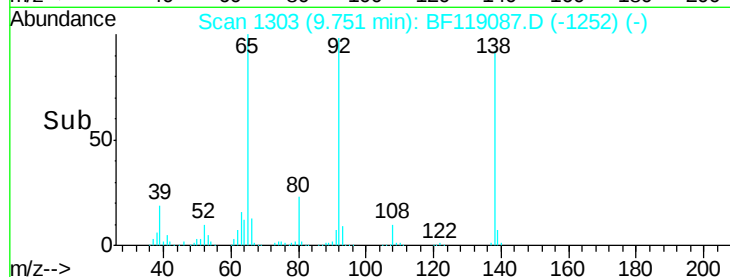
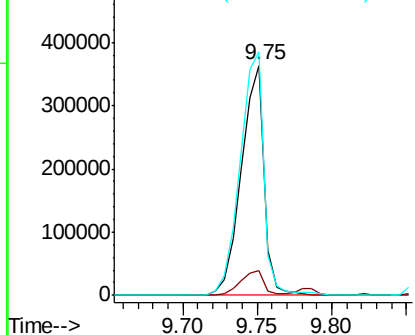
#53  
3-Nitroaniline  
Concen: 39.266 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 386042  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 106.0 84.8 127.2

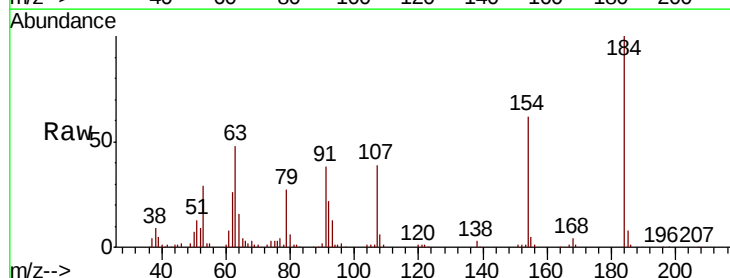


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

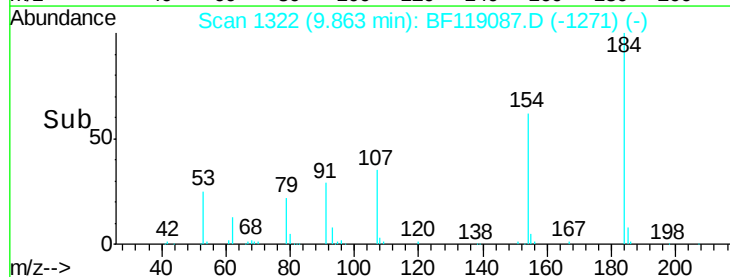
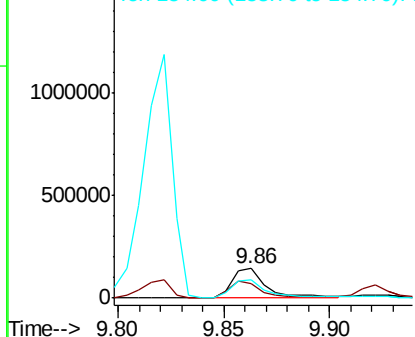


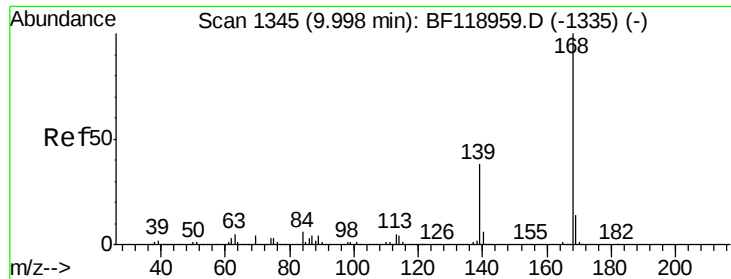
#54  
2,4-Dinitrophenol  
Concen: 41.967 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:184 Resp: 163989  
Ion Ratio Lower Upper  
184 100  
63 48.4 38.7 58.1  
154 62.1 49.7 74.5



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

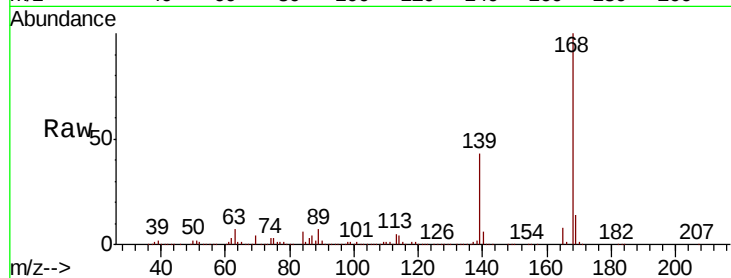




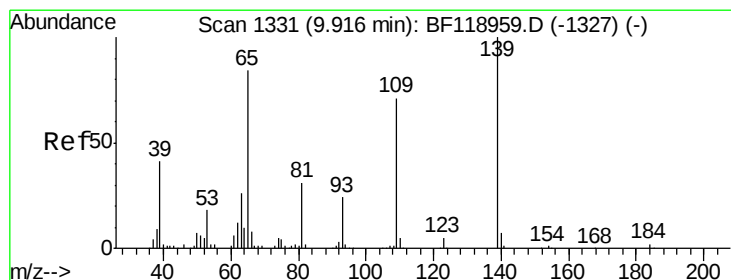
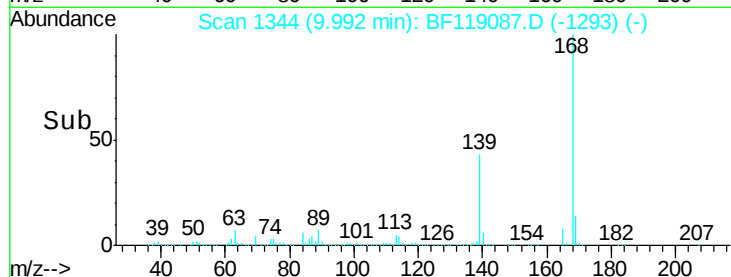
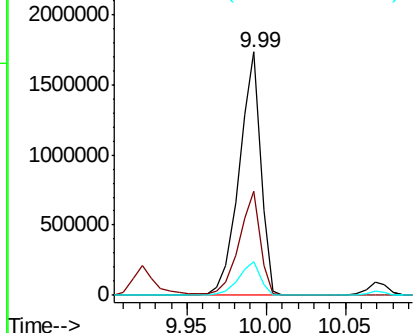
#55  
Dibenzofuran  
Concen: 36.885 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1630053  
Ion Ratio Lower Upper  
168 100  
139 42.5 34.0 51.0  
169 13.7 11.0 16.4

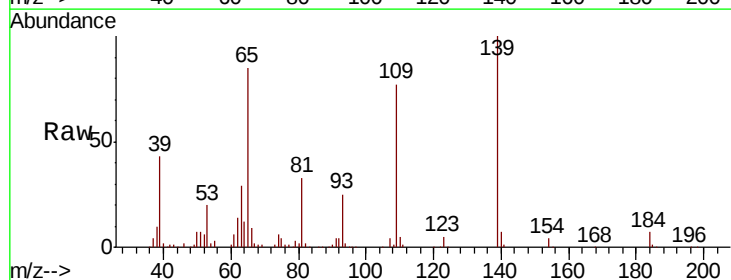


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

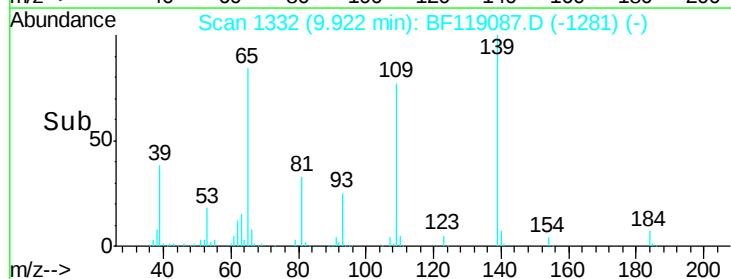
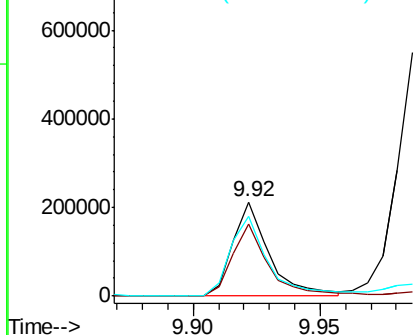


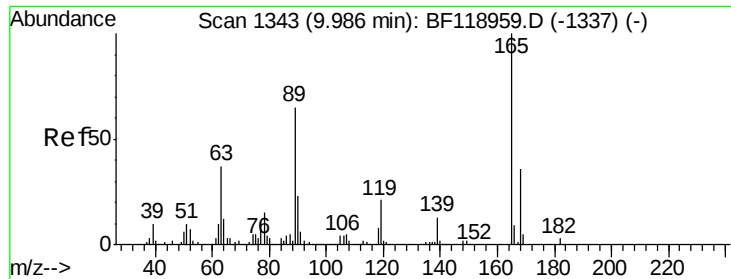
#56  
4-Nitrophenol  
Concen: 35.949 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:139 Resp: 212349  
Ion Ratio Lower Upper  
139 100  
109 76.7 56.7 96.7  
65 85.0 65.0 105.0



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

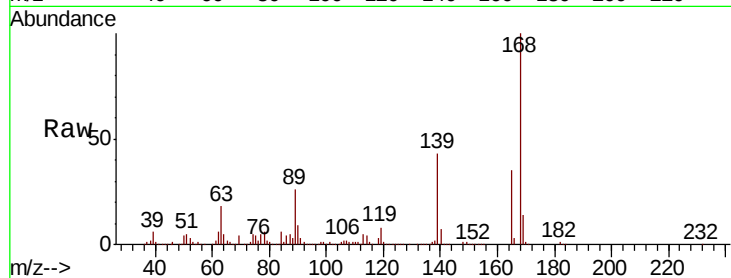




#57  
2,4-Dinitrotoluene  
Concen: 38.067 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.9  | 42.3  | 63.5  |
| 89      | 75.3  | 60.2  | 90.4  |
| 182     | 2.9   | 2.3   | 3.5   |

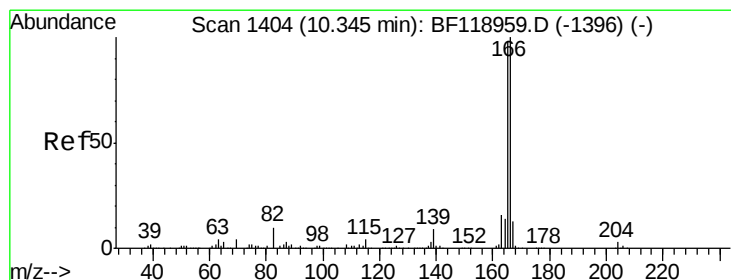
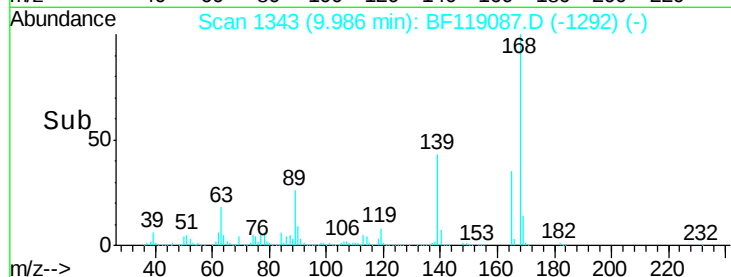
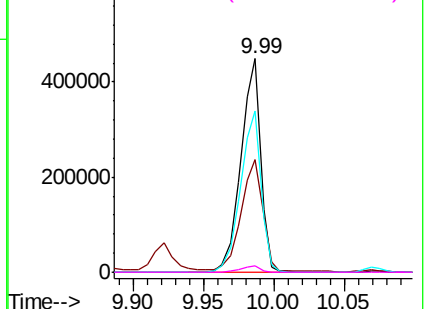


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

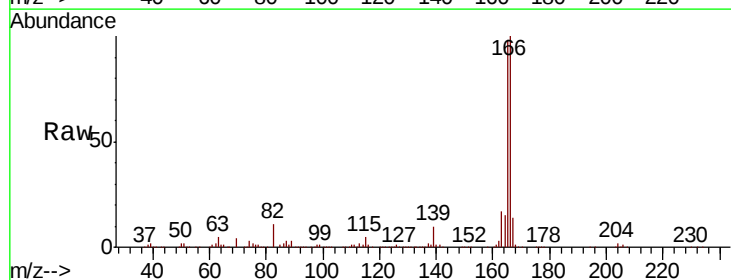
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 38.385 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

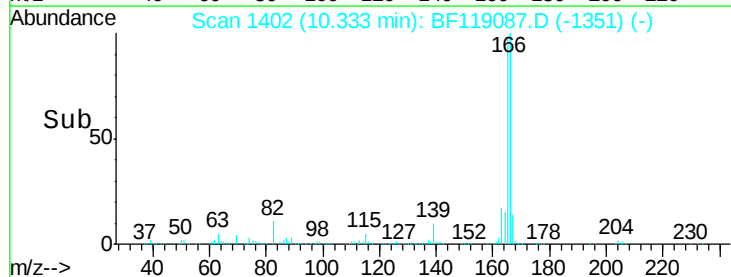
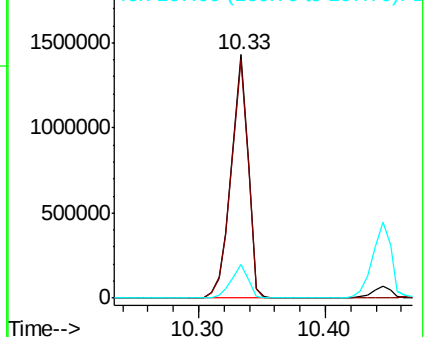
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.1  | 78.5  | 117.7 |
| 167     | 13.7  | 11.0  | 16.4  |



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

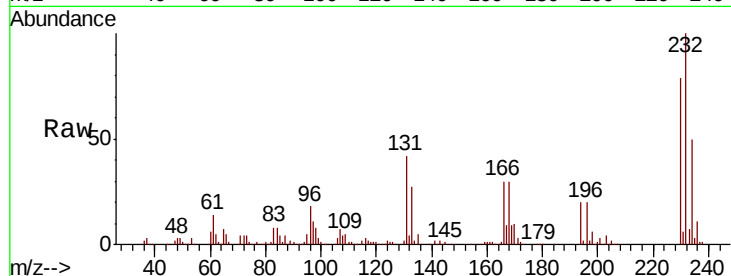




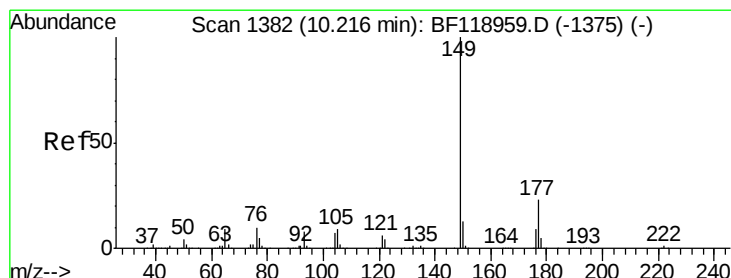
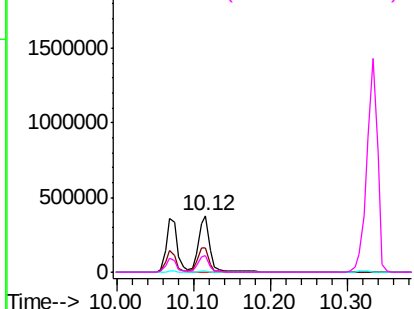
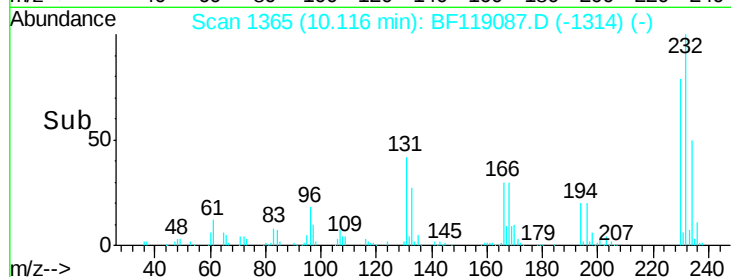
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.348 ng  
 RT: 10.12 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 397055 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.3  | 33.8  | 50.8   |
| 130      | 2.2   | 1.8   | 2.6    |
| 166      | 28.7  | 23.0  | 34.4   |

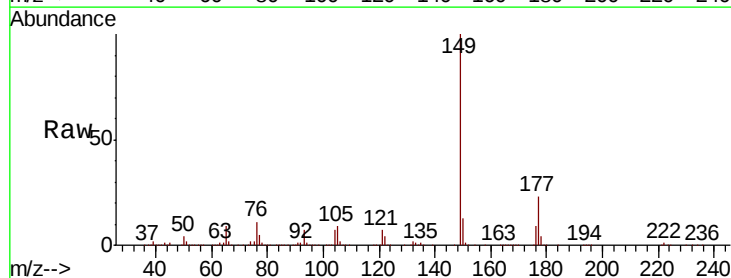


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

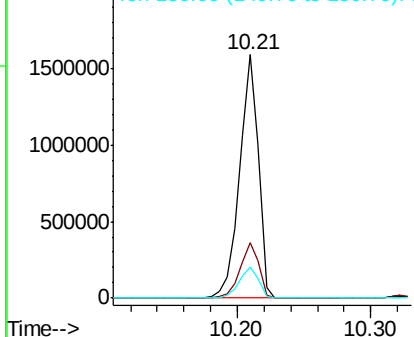
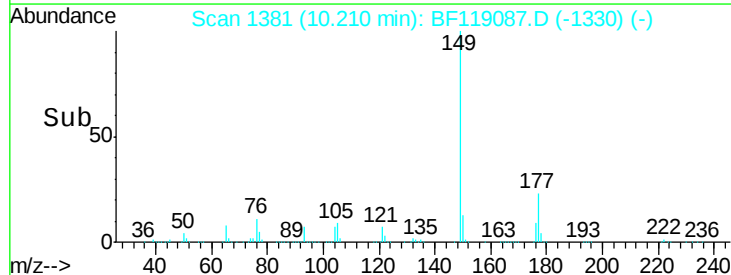


#60  
 Diethylphthalate  
 Concen: 41.278 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1552713 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.7  | 18.2  | 27.2    |
| 150      | 13.1  | 10.5  | 15.7    |



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

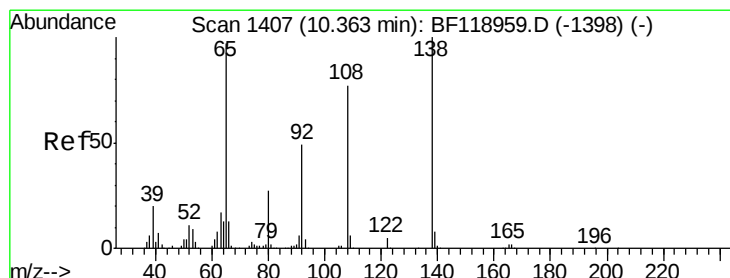
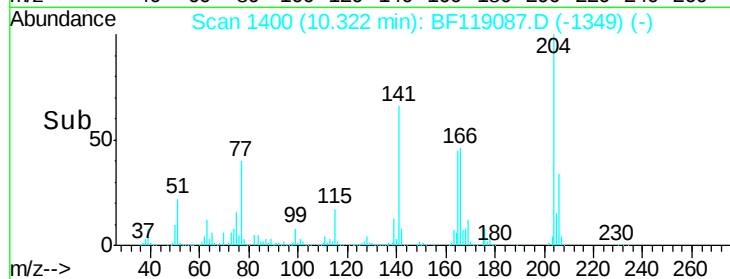
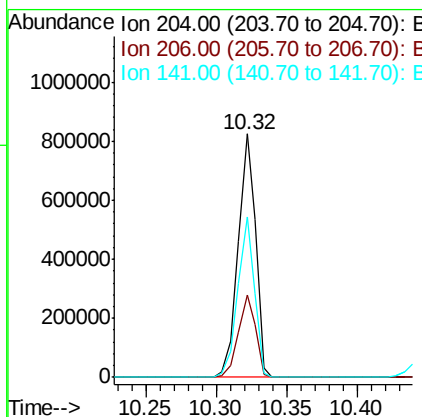
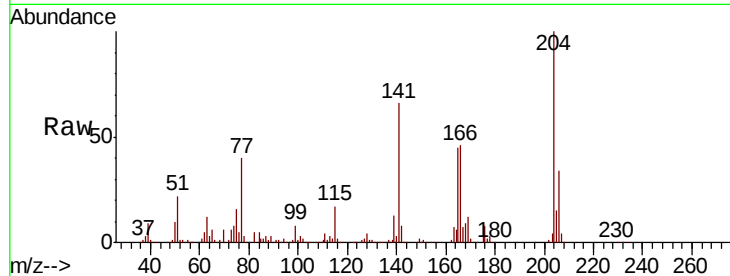




#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.964 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

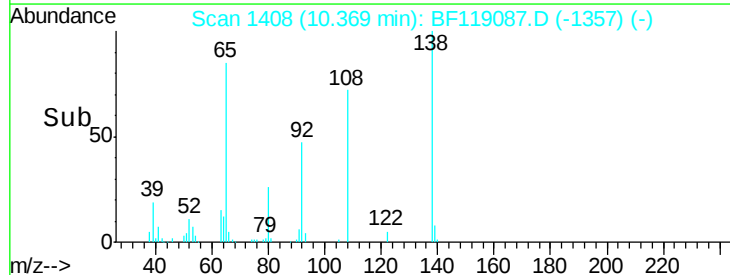
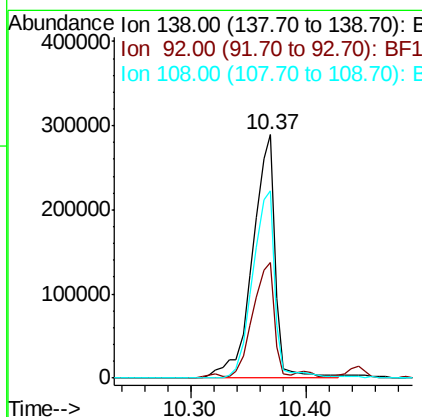
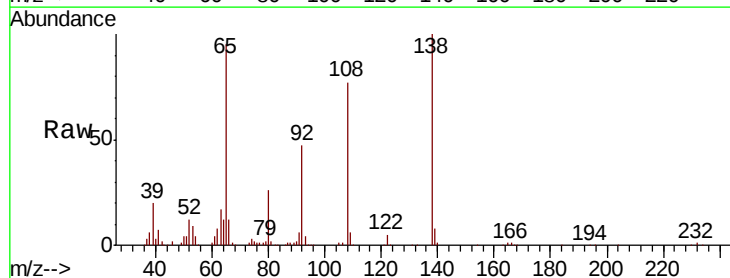
Instrument :  
 BNA\_F  
 ClientSampled :

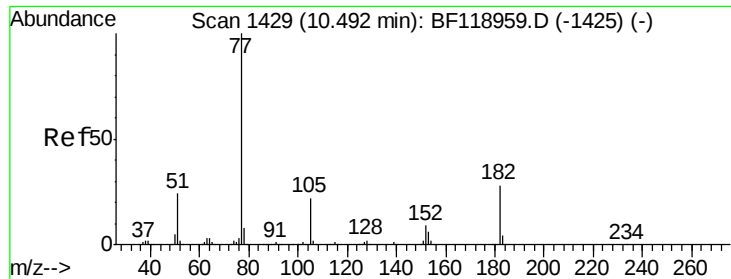
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 708238 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.9  | 27.1  | 40.7   |
| 141      | 66.1  | 52.9  | 79.3   |



#62  
 4-Nitroaniline  
 Concen: 39.655 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 398873 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 47.3  | 27.3  | 67.3   |
| 108      | 77.0  | 57.0  | 97.0   |

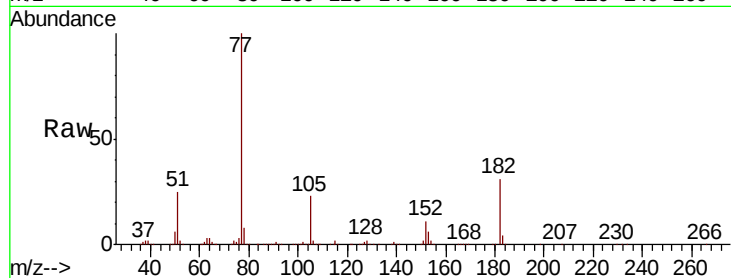




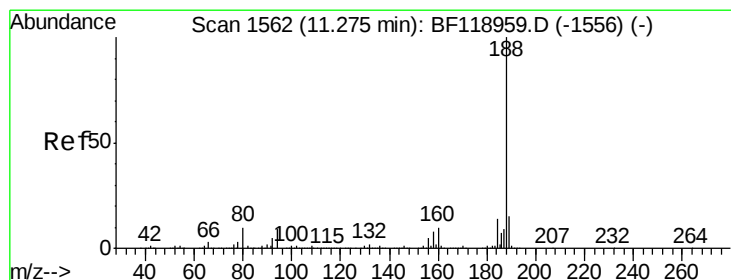
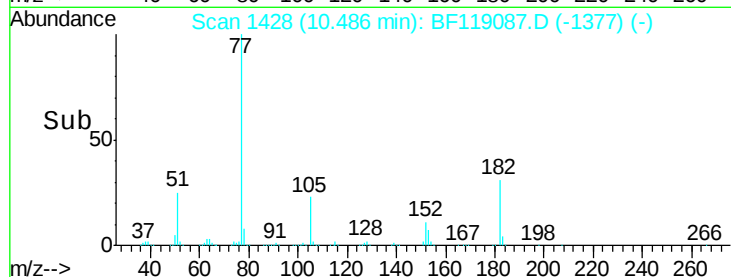
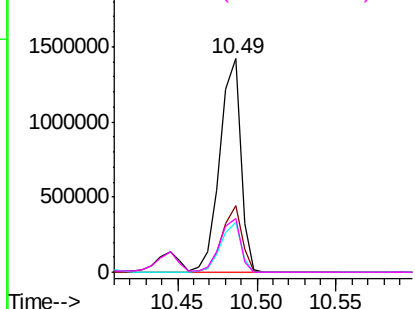
#63  
Azobenzene  
Concen: 39.951 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 1306239  
Ion Ratio Lower Upper  
77 100  
182 31.4 11.4 51.4  
105 23.4 3.4 43.4  
51 25.1 5.1 45.1

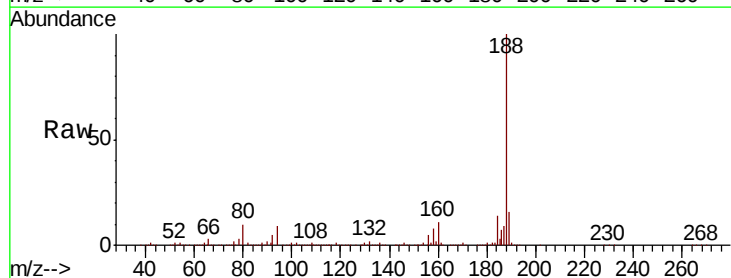


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

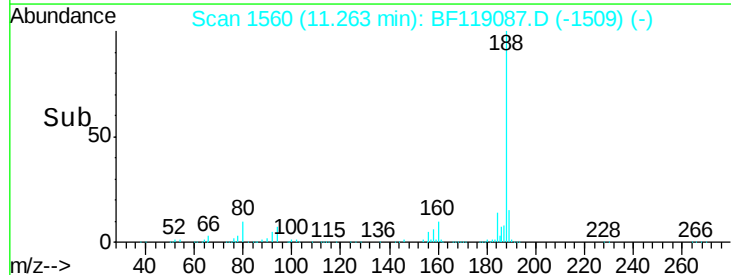
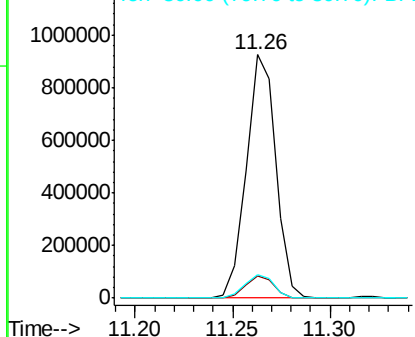


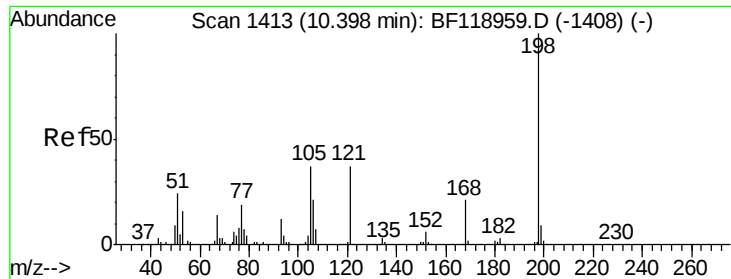
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion: 188 Resp: 968584  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.1 10.7  
80 9.8 7.8 11.8



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

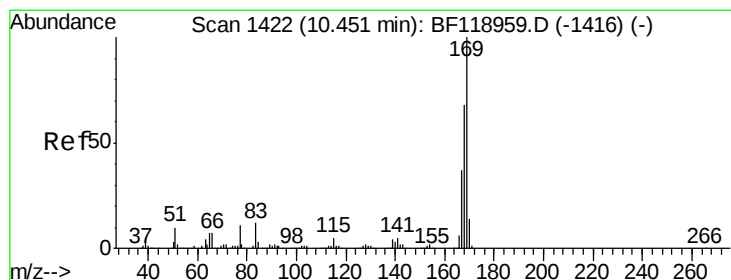
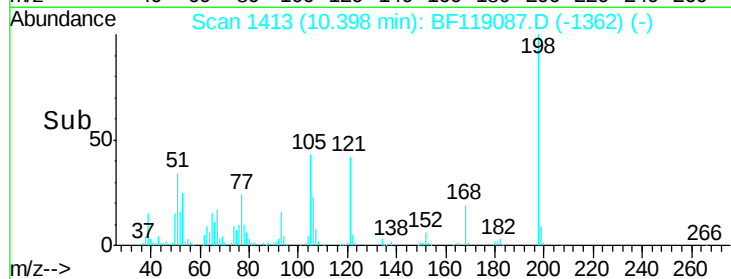
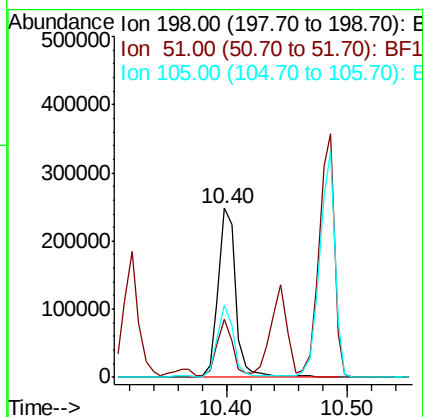
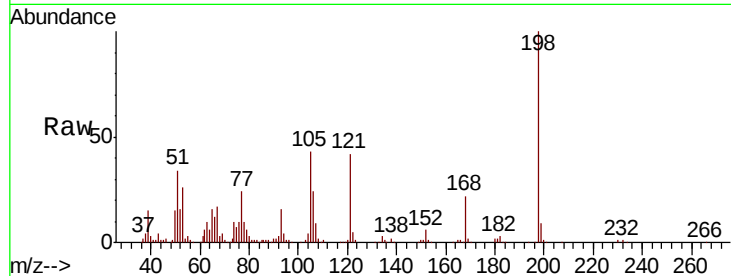




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 42.431 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

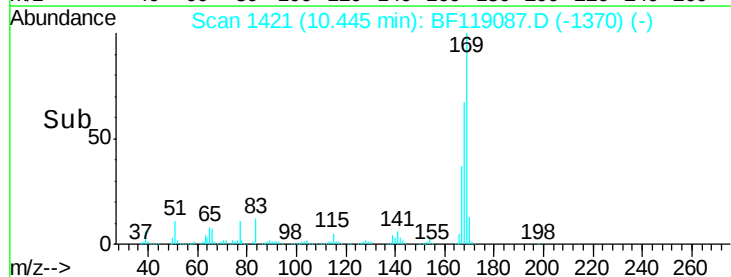
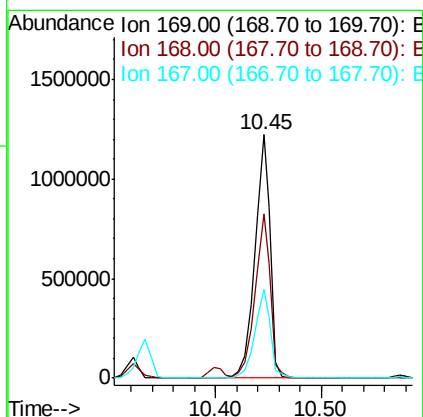
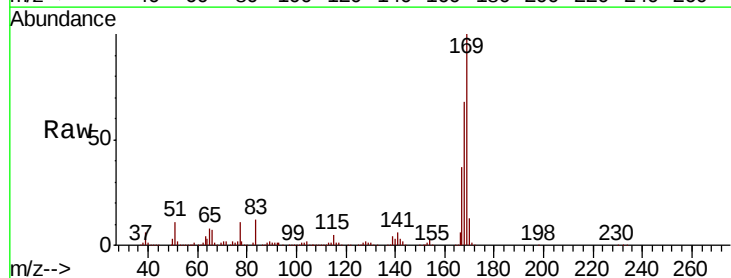
Instrument :  
 BNA\_F  
 ClientSampleId :

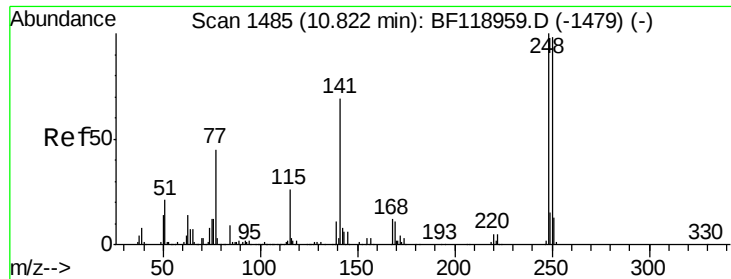
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 34.2  | 14.2  | 54.2  |
| 105     | 42.7  | 22.7  | 62.7  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.356 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.6  | 54.1  | 81.1  |
| 167     | 36.7  | 29.4  | 44.0  |

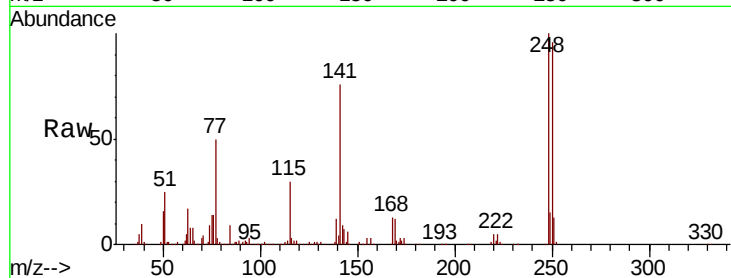




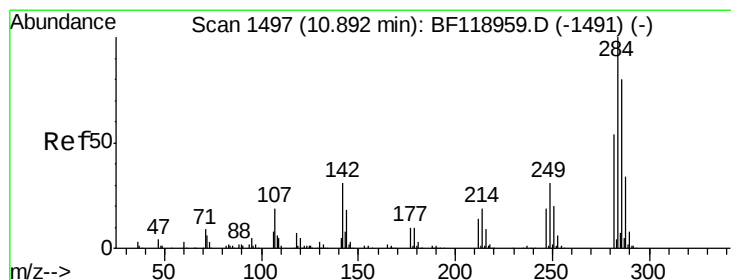
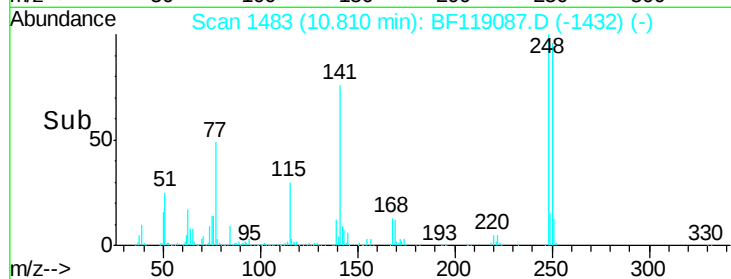
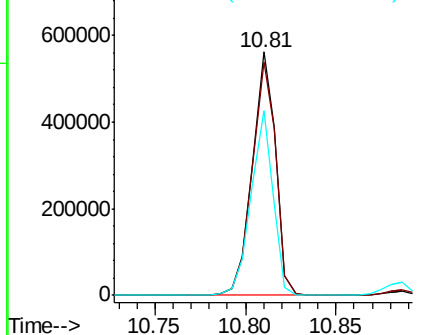
#67  
4-Bromophenyl-phenylether  
Concen: 39.437 ng  
RT: 10.81 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.9  | 76.7  | 115.1 |
| 141     | 75.9  | 60.7  | 91.1  |

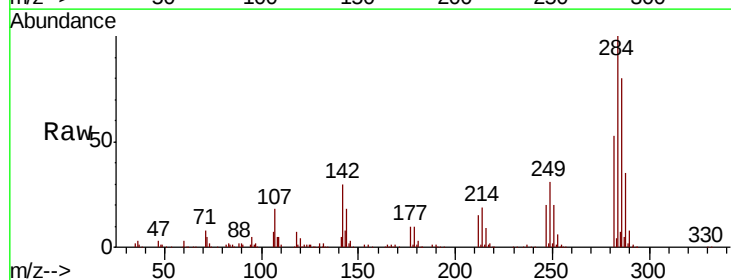


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

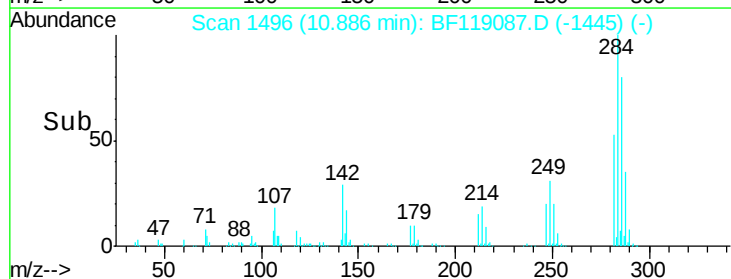
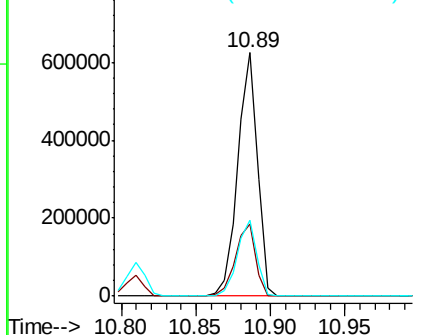


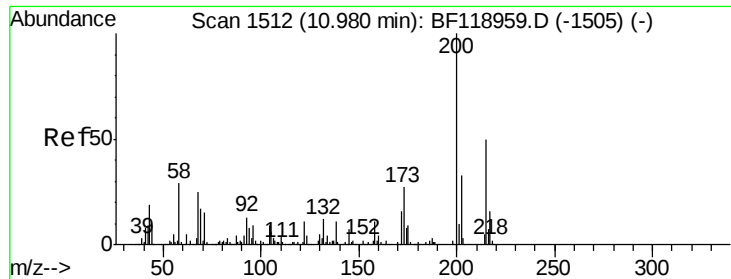
#68  
Hexachlorobenzene  
Concen: 39.544 ng  
RT: 10.89 min Scan# 1496  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.6  | 23.7  | 35.5  |
| 249     | 31.3  | 25.0  | 37.6  |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

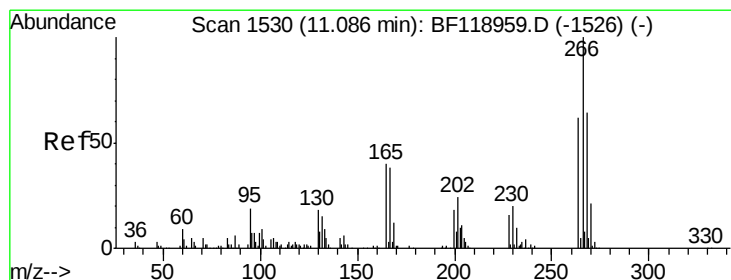
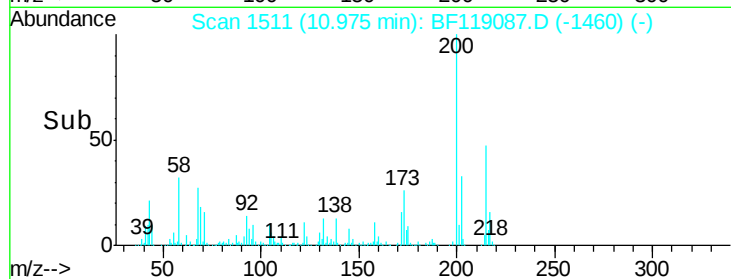
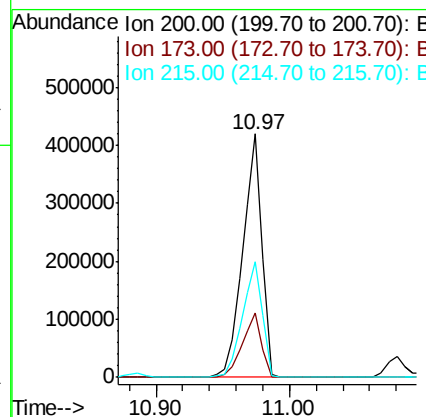
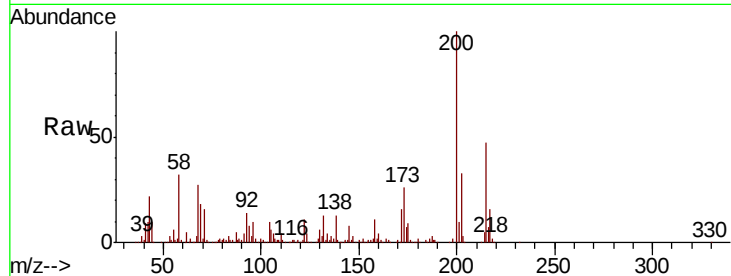




#69  
 Atrazine  
 Concen: 37.748 ng  
 RT: 10.97 min Scan# 1511  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

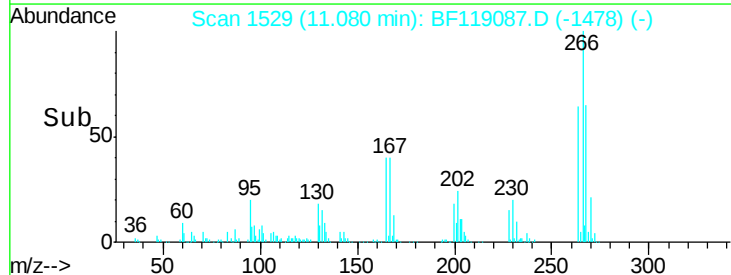
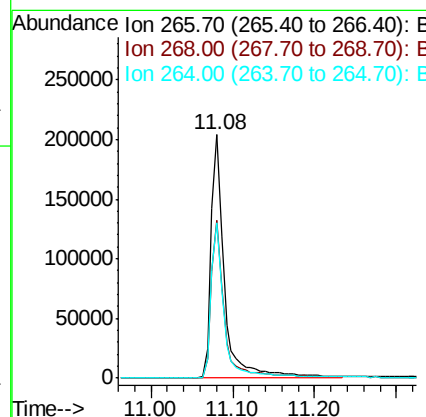
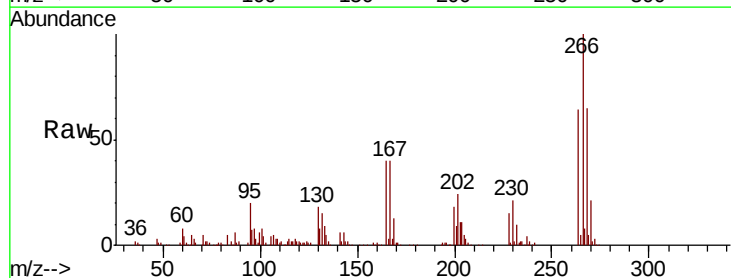
Instrument :  
 BNA\_F  
 ClientSampleId :

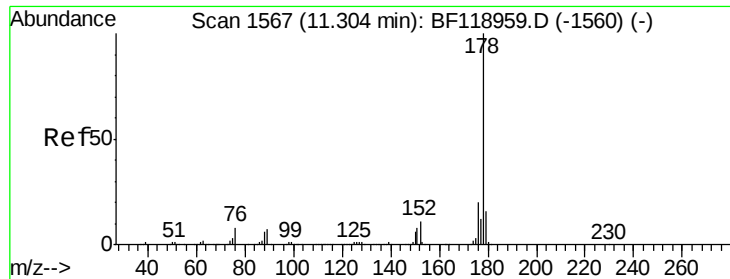
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.4  | 6.4   | 46.4  |
| 215     | 47.4  | 27.4  | 67.4  |



#70  
 Pentachlorophenol  
 Concen: 40.118 ng  
 RT: 11.08 min Scan# 1529  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.9  | 51.9  | 77.9  |
| 264     | 63.7  | 51.0  | 76.4  |

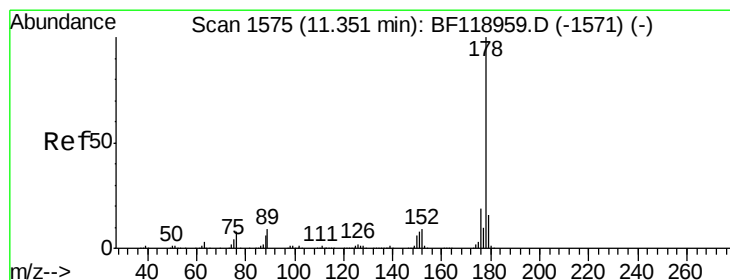
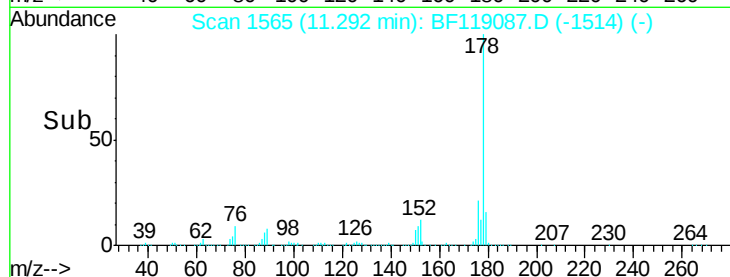
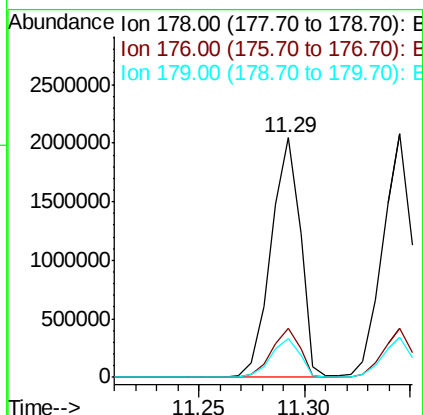
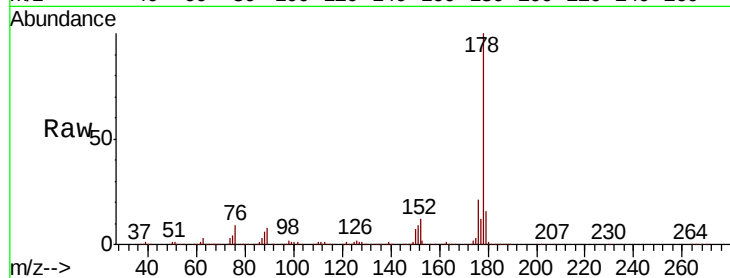




#71  
Phenanthrene  
Concen: 37.479 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

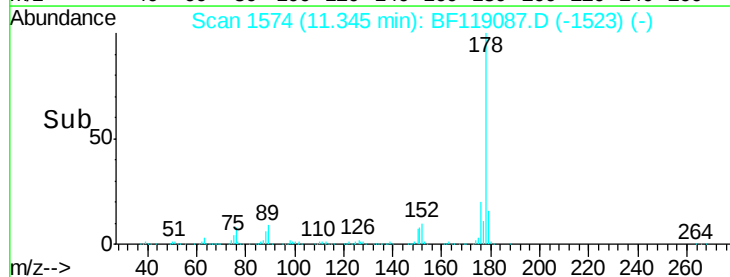
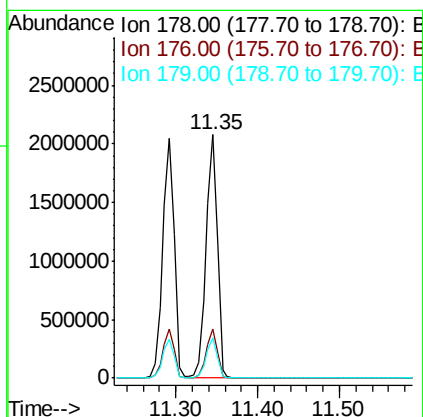
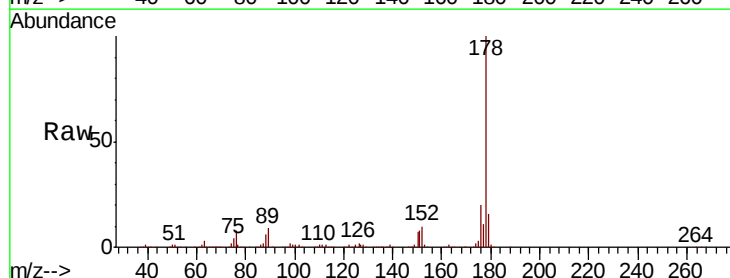
Instrument :  
BNA\_F  
ClientSampleId :

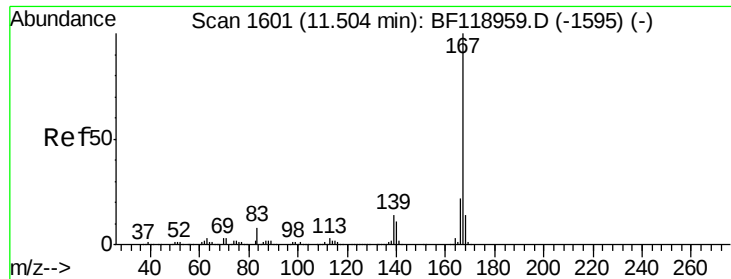
Tot Ion:178 Resp: 1979716  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.5 24.7  
179 16.3 13.0 19.6



#72  
Anthracene  
Concen: 37.711 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:178 Resp: 1990328  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.0 24.0  
179 16.4 13.1 19.7





#73

Carbazole

Concen: 37.963 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

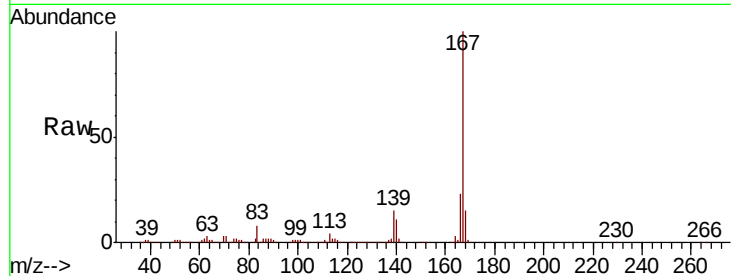
Tot Ion:167 Resp: 1784954

Ion Ratio Lower Upper

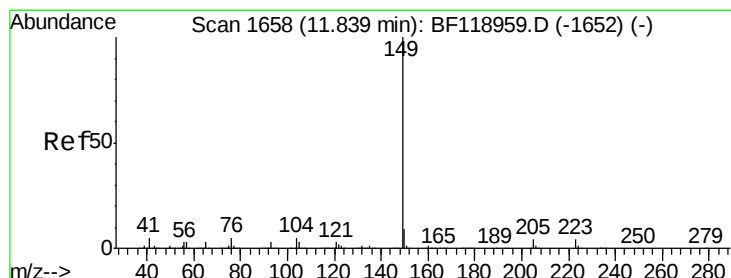
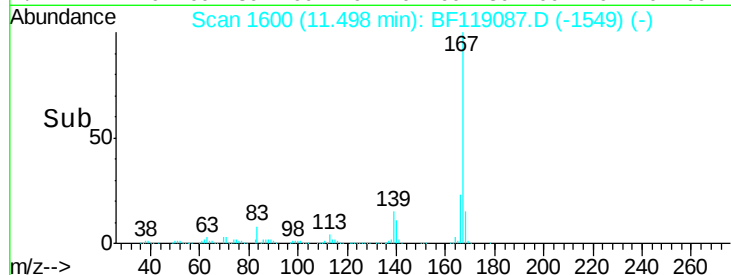
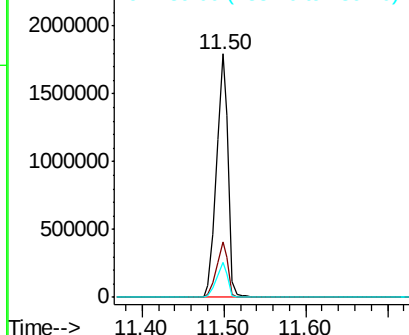
167 100

166 22.8 18.2 27.4

139 14.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.239 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

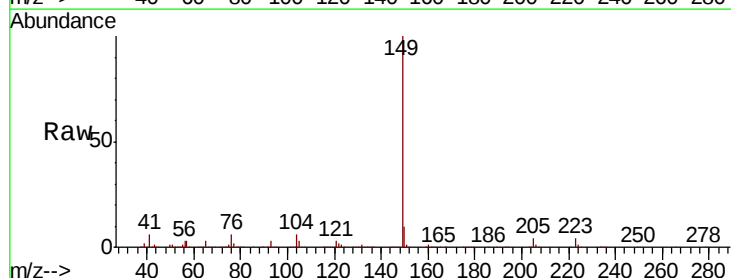
Tgt Ion:149 Resp: 2348152

Ion Ratio Lower Upper

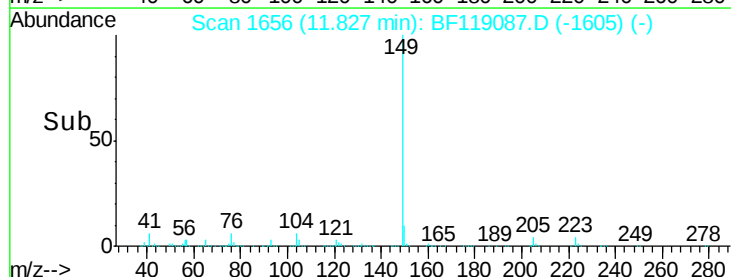
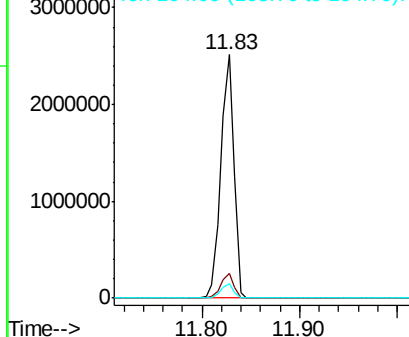
149 100

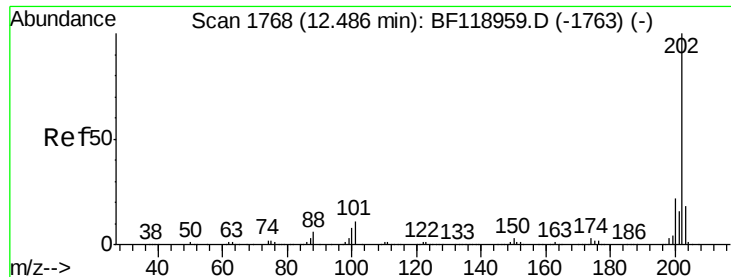
150 9.9 7.9 11.9

104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.041 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampled :

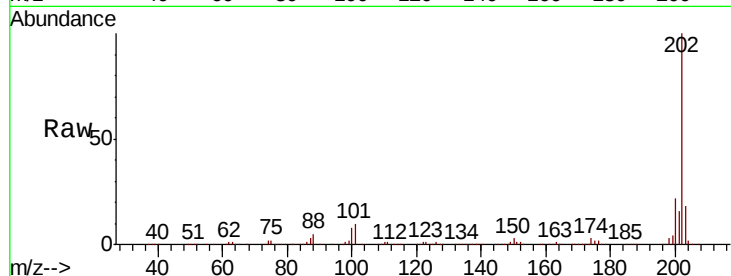
Tot Ion:202 Resp: 2132930

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

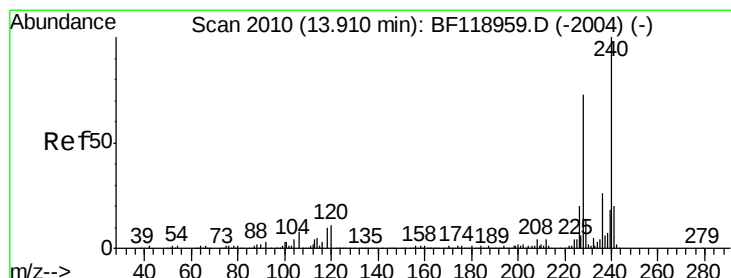
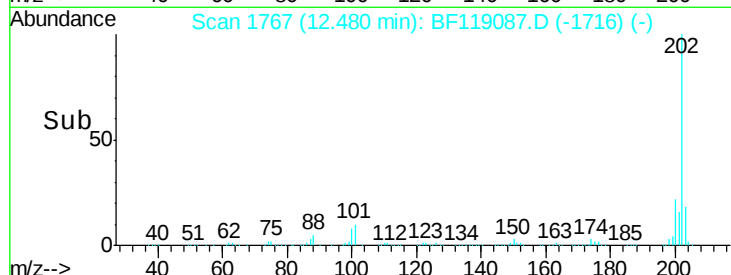
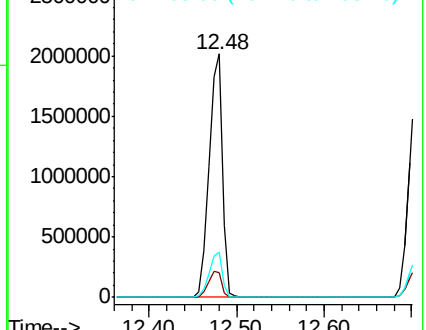
203 18.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

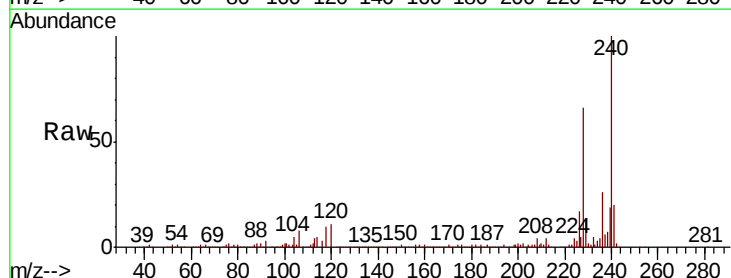
Tgt Ion:240 Resp: 681020

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

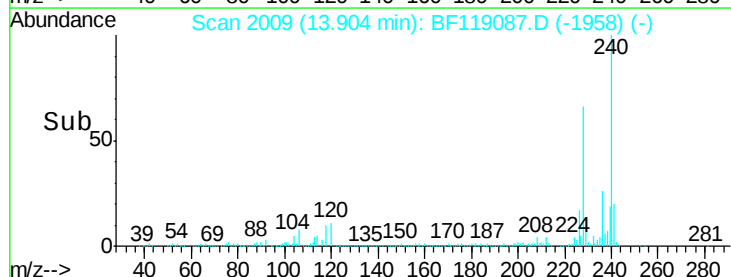
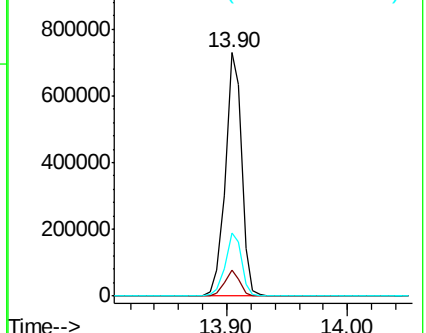
236 26.2 21.0 31.4

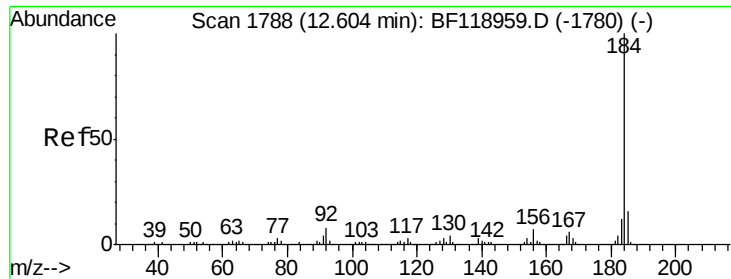


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.608 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

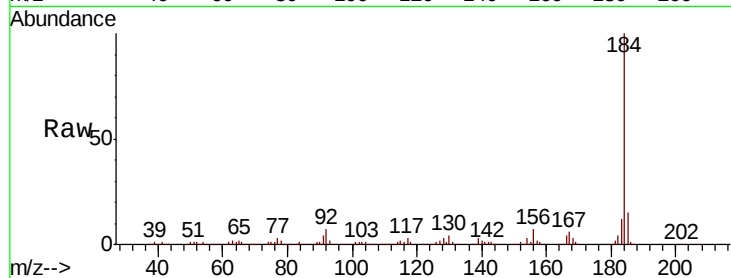
Tot Ion:184 Resp: 930834

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

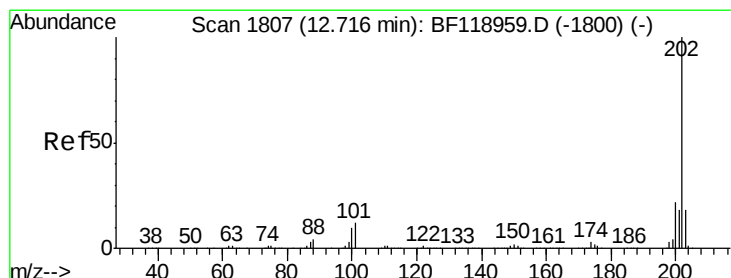
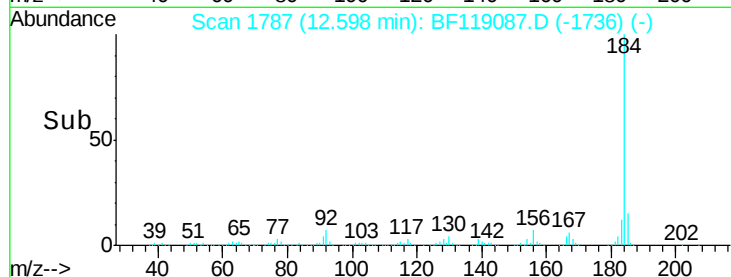
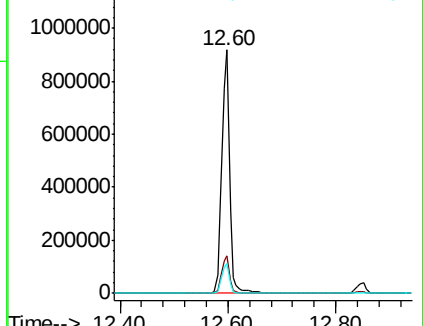
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.825 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

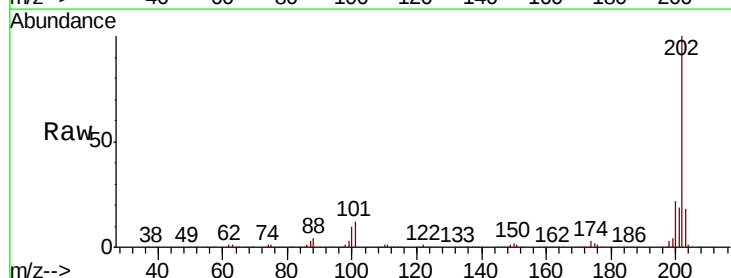
Tgt Ion:202 Resp: 2123176

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

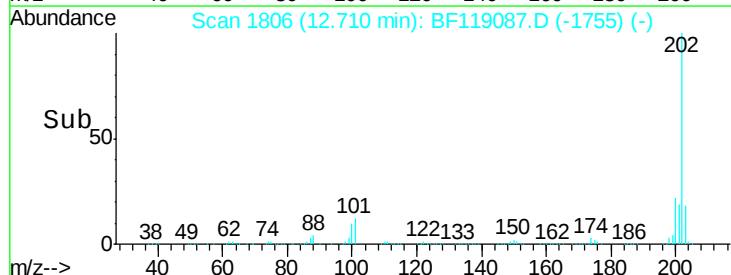
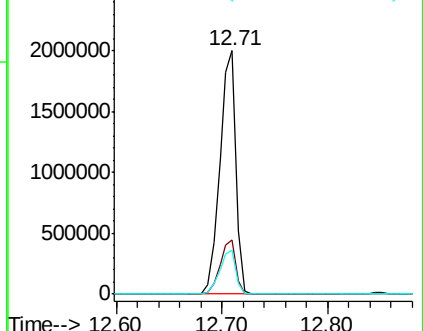
203 18.3 14.6 22.0

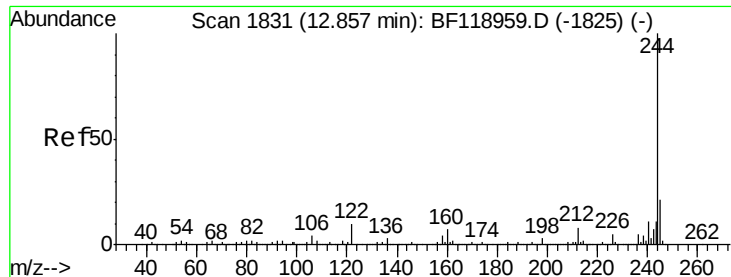


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.485 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampleId :

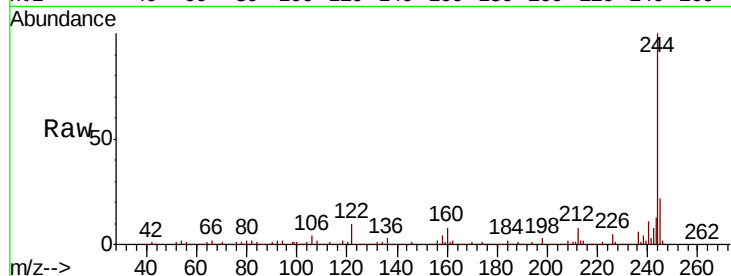
Tot Ion:244 Resp: 3104534

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

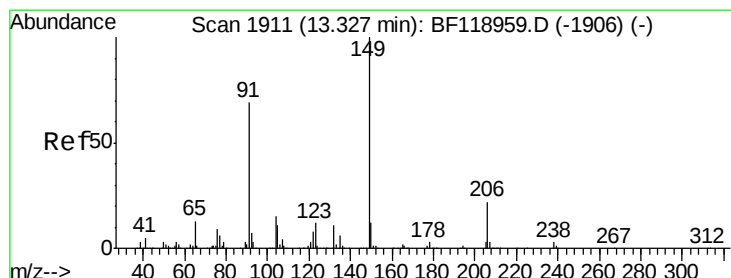
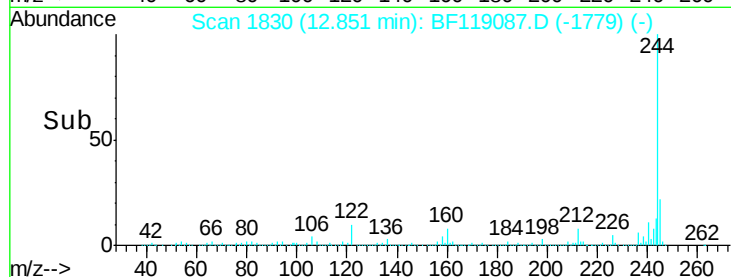
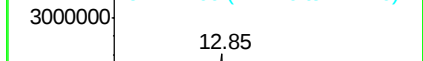
122 10.2 8.2 12.2



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: 43.923 ng

RT: 13.32 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

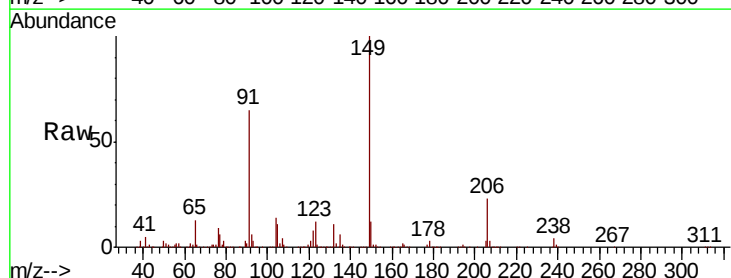
Tgt Ion:149 Resp: 1010907

Ion Ratio Lower Upper

149 100

91 65.4 52.3 78.5

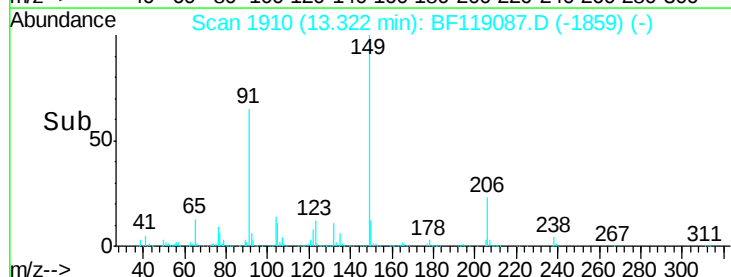
206 23.1 18.5 27.7

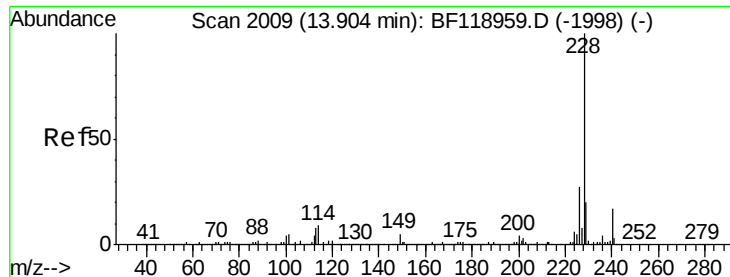


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.856 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

Instrument :

BNA\_F

ClientSampled :

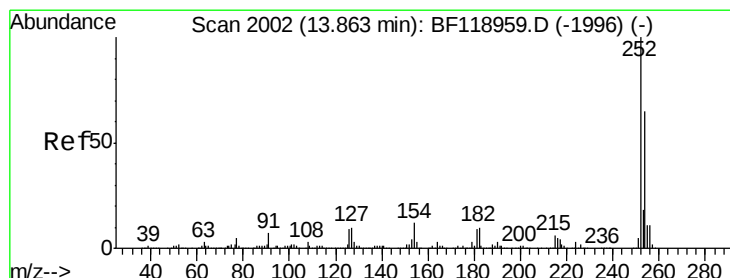
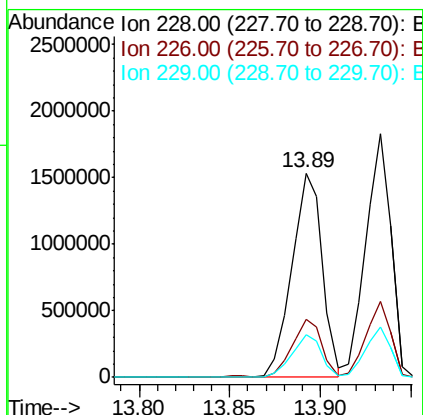
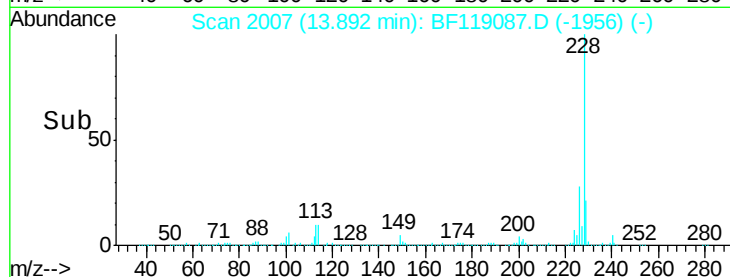
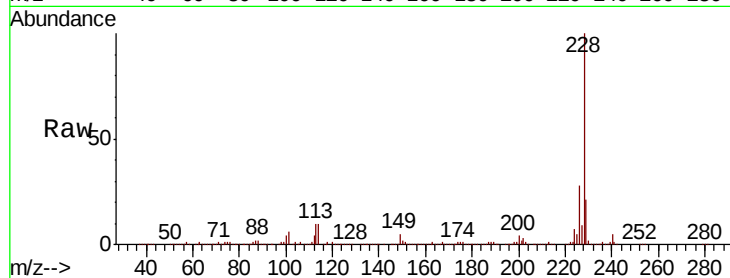
Tot Ion:228 Resp: 1803028

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 20.7 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 39.740 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119087.D

Acq: 26 Feb 2020 11:17

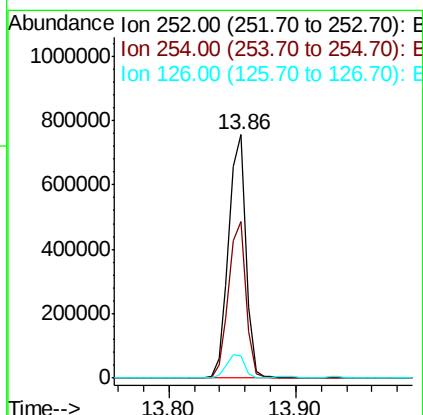
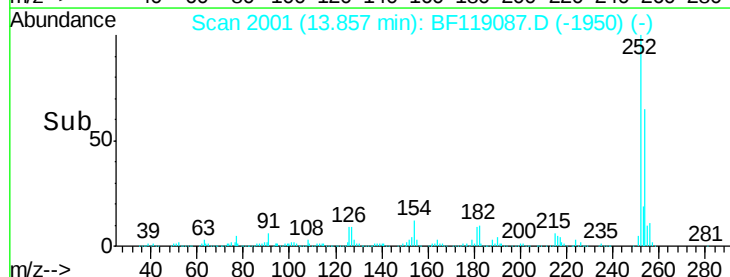
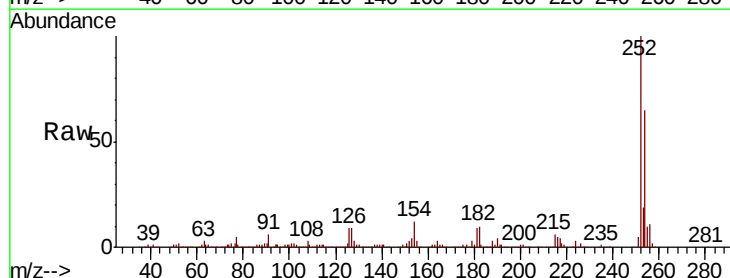
Tgt Ion:252 Resp: 716045

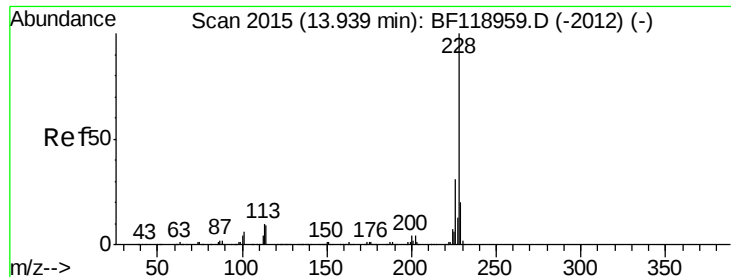
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 9.2 7.4 11.0

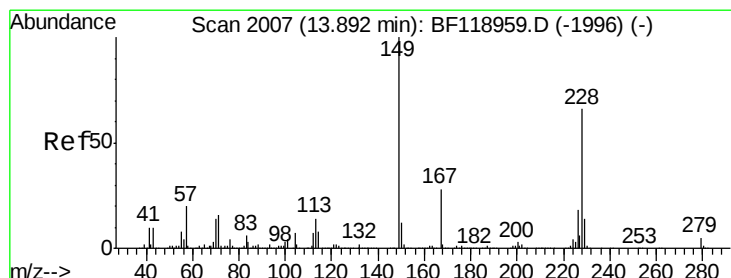
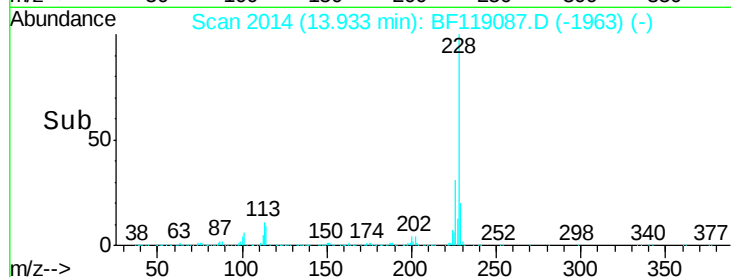
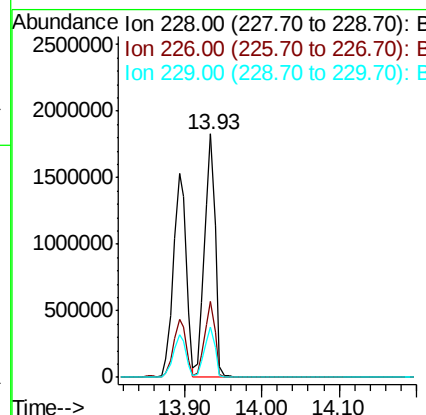
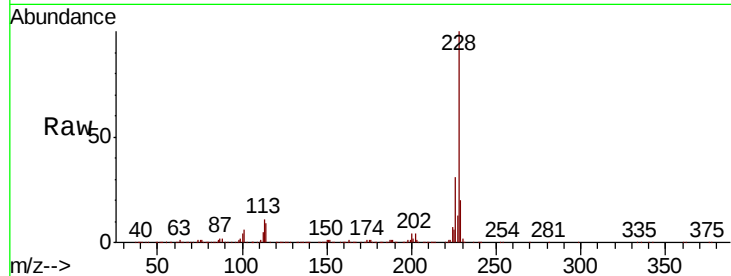




#83  
 Chrvsene  
 Concen: 38.553 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

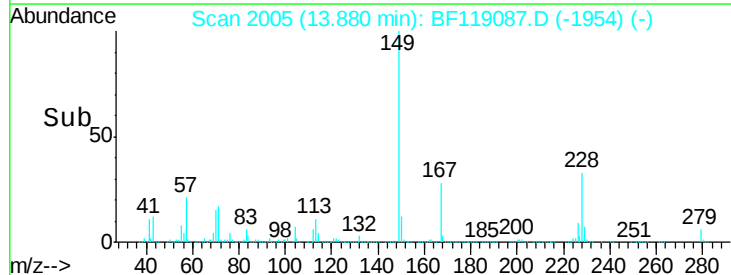
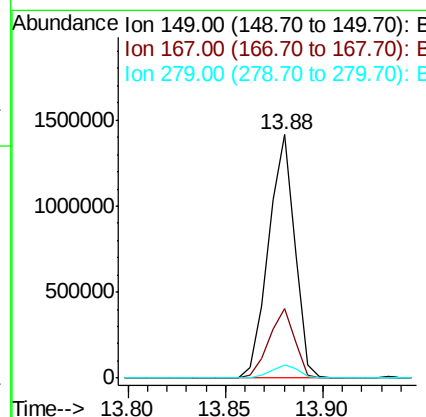
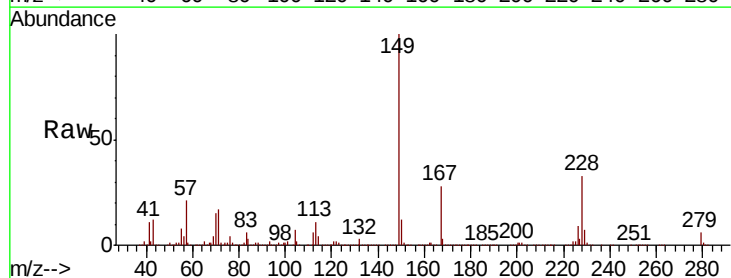
Instrument :  
 BNA\_F  
 ClientSampleId :

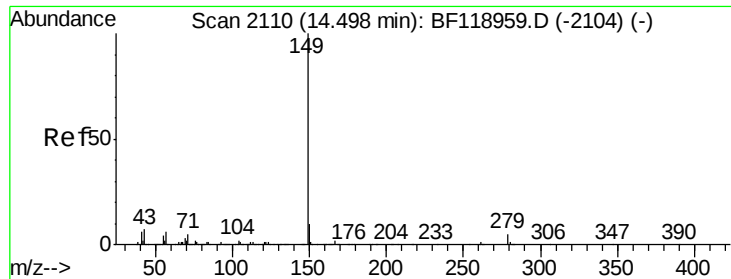
Tot Ion:228 Resp: 1782548  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 25.1 37.7  
 229 20.4 16.3 24.5



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.443 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Tgt Ion:149 Resp: 1321344  
 Ion Ratio Lower Upper  
 149 100  
 167 28.5 22.8 34.2  
 279 5.7 4.6 6.8

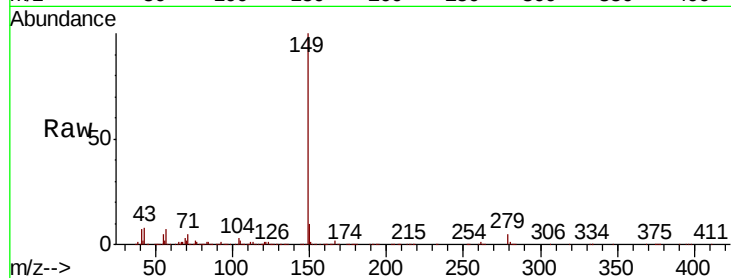




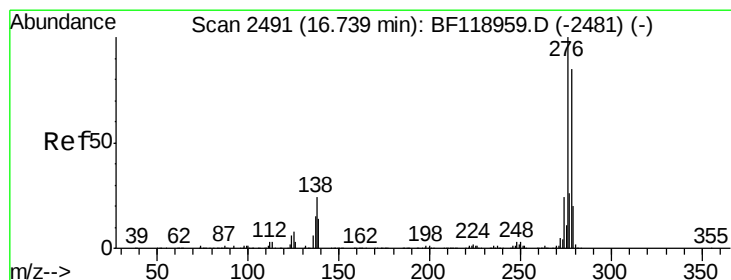
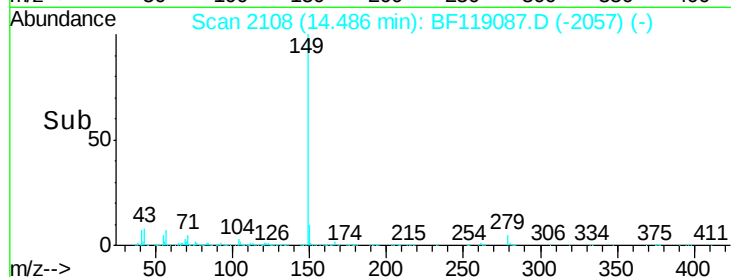
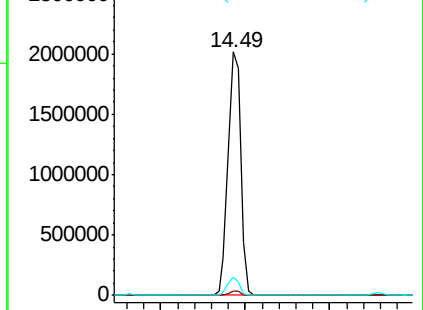
#85  
 Di-n-octyl phthalate  
 Concen: 45.158 ng  
 RT: 14.49 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 2092088  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 7.1 5.7 8.5

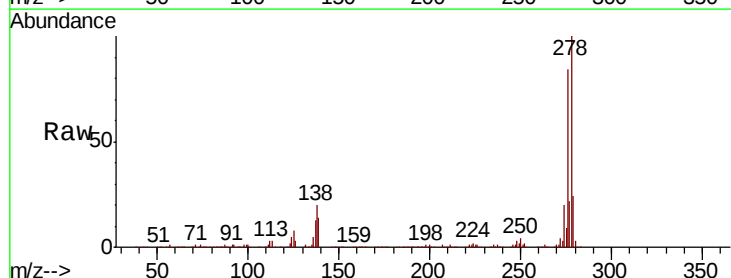


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF1

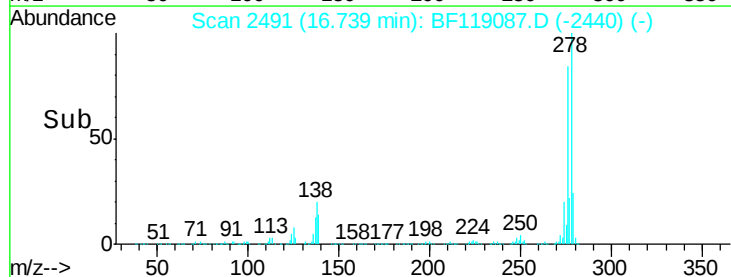
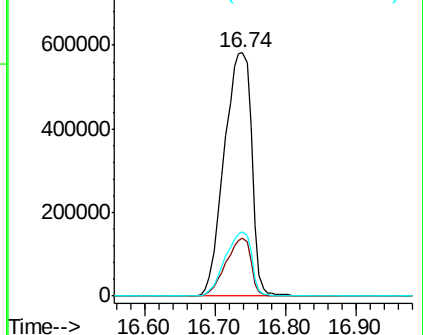


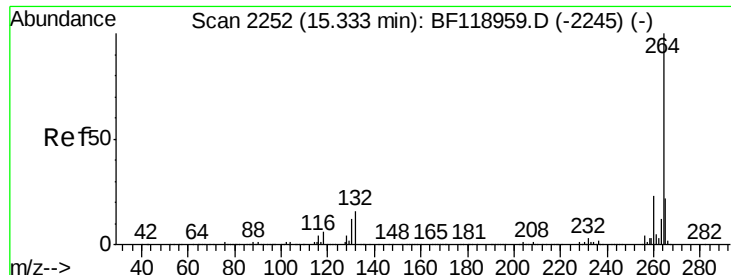
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.171 ng  
 RT: 16.74 min Scan# 2491  
 Delta R.T. 0.00 min  
 Lab File: BF119087.D  
 Acq: 26 Feb 2020 11:17

Tgt Ion:276 Resp: 1574567  
 Ion Ratio Lower Upper  
 276 100  
 138 21.7 17.4 26.0  
 277 25.4 20.3 30.5



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

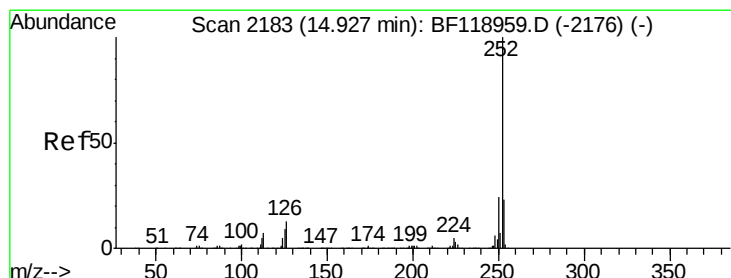
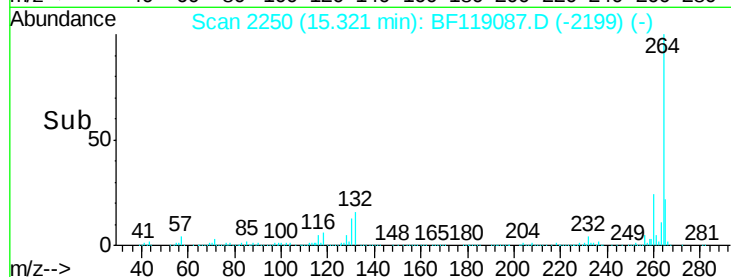
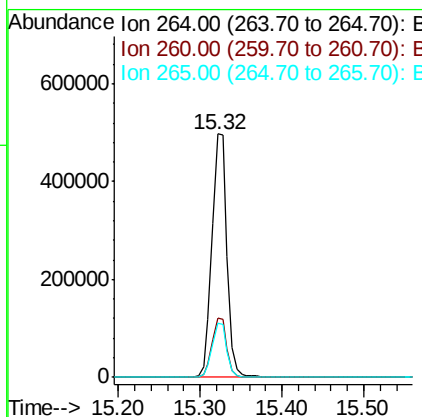
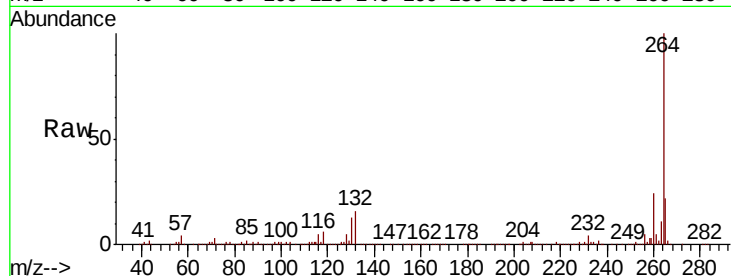




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.32 min Scan# 2250  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

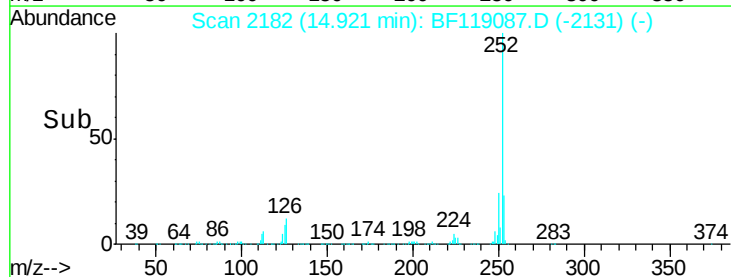
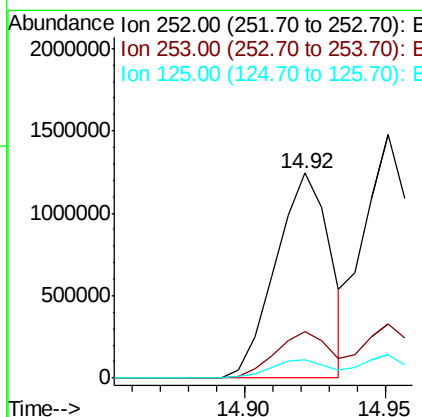
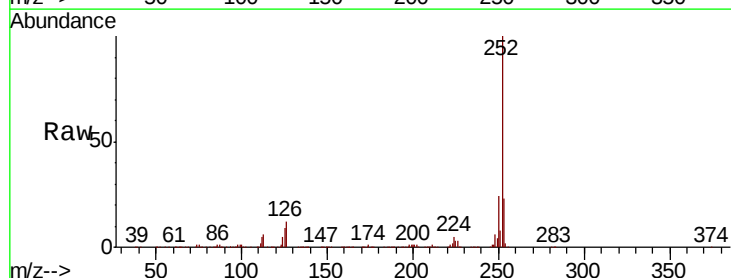
Instrument :  
BNA\_F  
ClientSampleId :

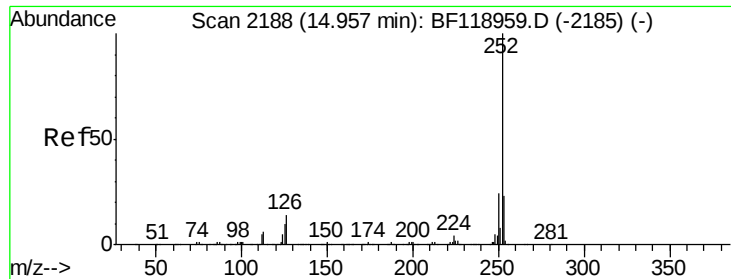
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.4  | 29.2  |
| 265     | 22.1  | 17.7  | 26.5  |



#88  
Benzo(b)fluoranthene  
Concen: 39.751 ng  
RT: 14.92 min Scan# 2182  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 9.2   | 7.4   | 11.0  |

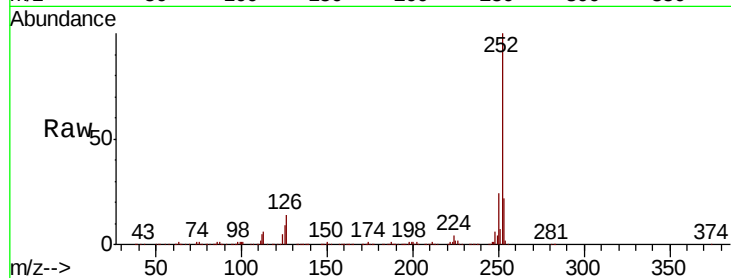




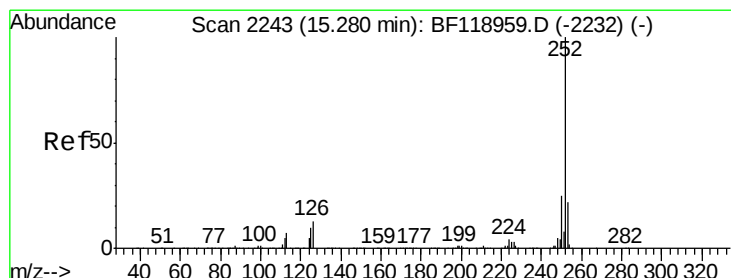
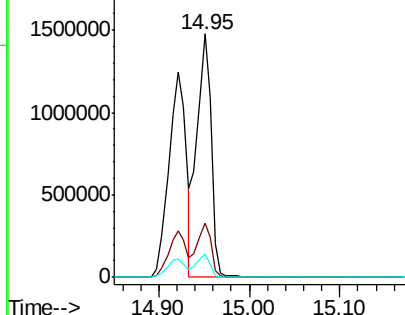
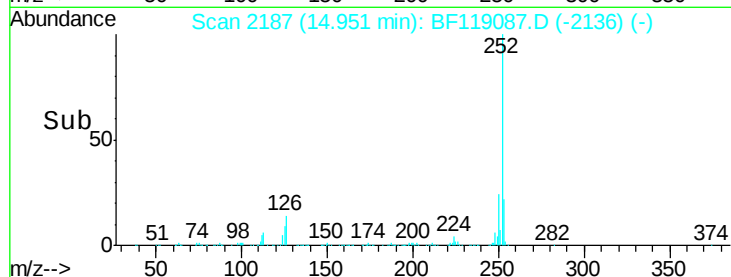
#89  
Benzo(k)fluoranthene  
Concen: 41.564 ng  
RT: 14.95 min Scan# 2187  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 1617093  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 9.4 7.5 11.3

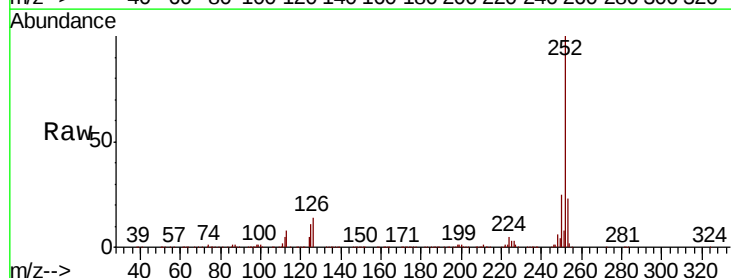


Abundance Ion 252.00 (251.70 to 252.70): E  
2000000 Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

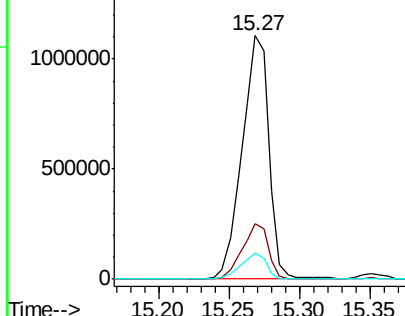
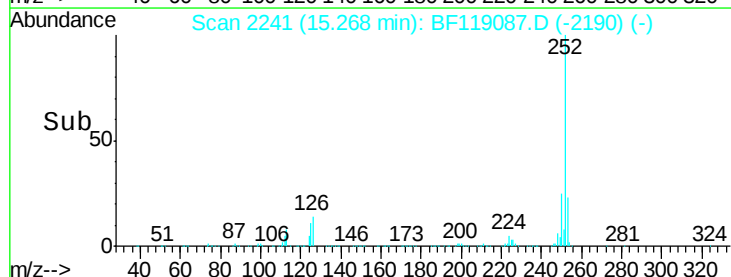


#90  
Benzo(a)pyrene  
Concen: 38.649 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:252 Resp: 1464396  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 10.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E  
1500000 Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



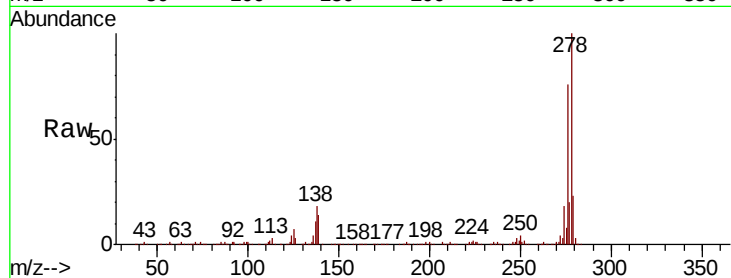


#91  
Dibenzo(a,h)anthracene  
Concen: 38.652 ng  
RT: 16.74 min Scan# 2492  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

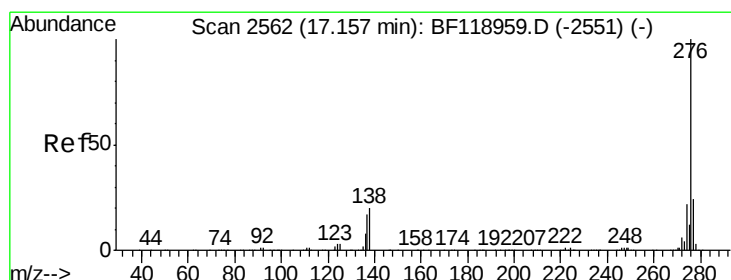
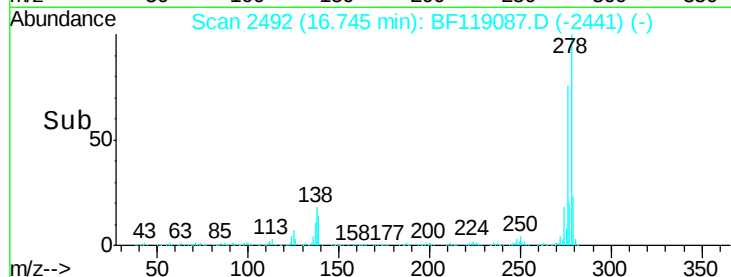
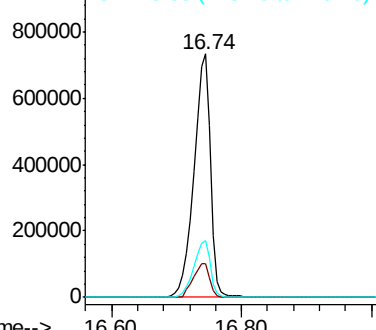
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 1288628  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 13.7  | 11.0  | 16.4  |
| 279 | 23.3  | 18.6  | 28.0  |



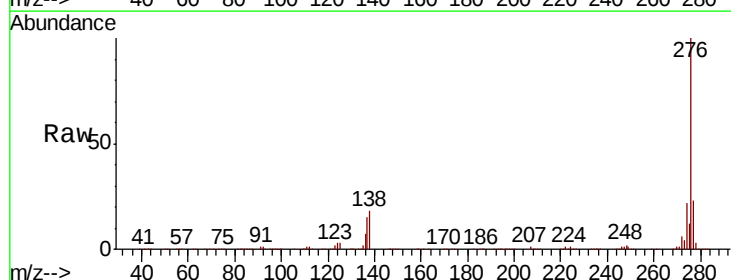
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 37.759 ng  
RT: 17.16 min Scan# 2562  
Delta R.T. 0.00 min  
Lab File: BF119087.D  
Acq: 26 Feb 2020 11:17

Tgt Ion:276 Resp: 1243794  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.4  | 18.7  | 28.1  |
| 138 | 17.9  | 14.3  | 21.5  |



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

