

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\  
 Data File : BF118304.D  
 Acq On : 24 Dec 2019 12:52  
 Operator : JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Dec 24 14:48:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 14:40:48 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 152394   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 583333   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 310608   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 576623   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.05 | 240  | 372247   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.53 | 264  | 328490   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 1009345 | 116.00 | ng | 0.00 |
| 7) Phenol-d6             | 6.49  | 99  | 1256482 | 119.39 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 1174397 | 113.26 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 435675  | 115.46 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 2280177 | 111.70 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.99 | 244 | 2587897 | 119.55 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.58 | 88  | 199389  | 54.348 | ng | 98     |
| 3) Pyridine                    | 3.34 | 79  | 552374  | 58.357 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.31 | 42  | 231975  | 56.969 | ng | 99     |
| 6) Aniline                     | 6.52 | 93  | 801941  | 59.570 | ng | 100    |
| 8) 2-Chlorophenol              | 6.64 | 128 | 579375  | 59.053 | ng | 95     |
| 9) Benzaldehyde                | 6.40 | 77  | 299787  | 56.010 | ng | 98     |
| 10) Phenol                     | 6.50 | 94  | 711247  | 59.261 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 503275  | 57.979 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 658180  | 57.428 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 671096  | 58.150 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 621851  | 57.377 | ng | 99     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 479043  | 58.313 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 533752  | 51.141 | ng | 99     |
| 17) 2-Methylphenol             | 7.12 | 107 | 460931  | 59.069 | ng | 99     |
| 18) Hexachloroethane           | 7.36 | 117 | 244372  | 57.465 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 386651  | 60.462 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 583888  | 59.571 | ng | 94     |
| 22) Acetophenone               | 7.27 | 105 | 812890  | 58.004 | ng | 99     |
| 24) Nitrobenzene               | 7.45 | 77  | 585366  | 57.460 | ng | 98     |
| 25) Isophorone                 | 7.69 | 82  | 1024429 | 58.281 | ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 319987  | 58.767 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 430688  | 59.298 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 662019  | 57.638 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 486075  | 57.407 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 572306  | 57.837 | ng | 97     |
| 31) Naphthalene                | 8.16 | 128 | 1698129 | 57.964 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 375041  | 57.190 | ng | 99     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 717783  | 56.743 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 336730  | 56.750 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 155464  | 59.539 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 523892  | 58.796 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 1150376 | 58.001 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.96 | 142 | 1085378 | 58.282 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 541188  | 57.515 | ng | 99     |

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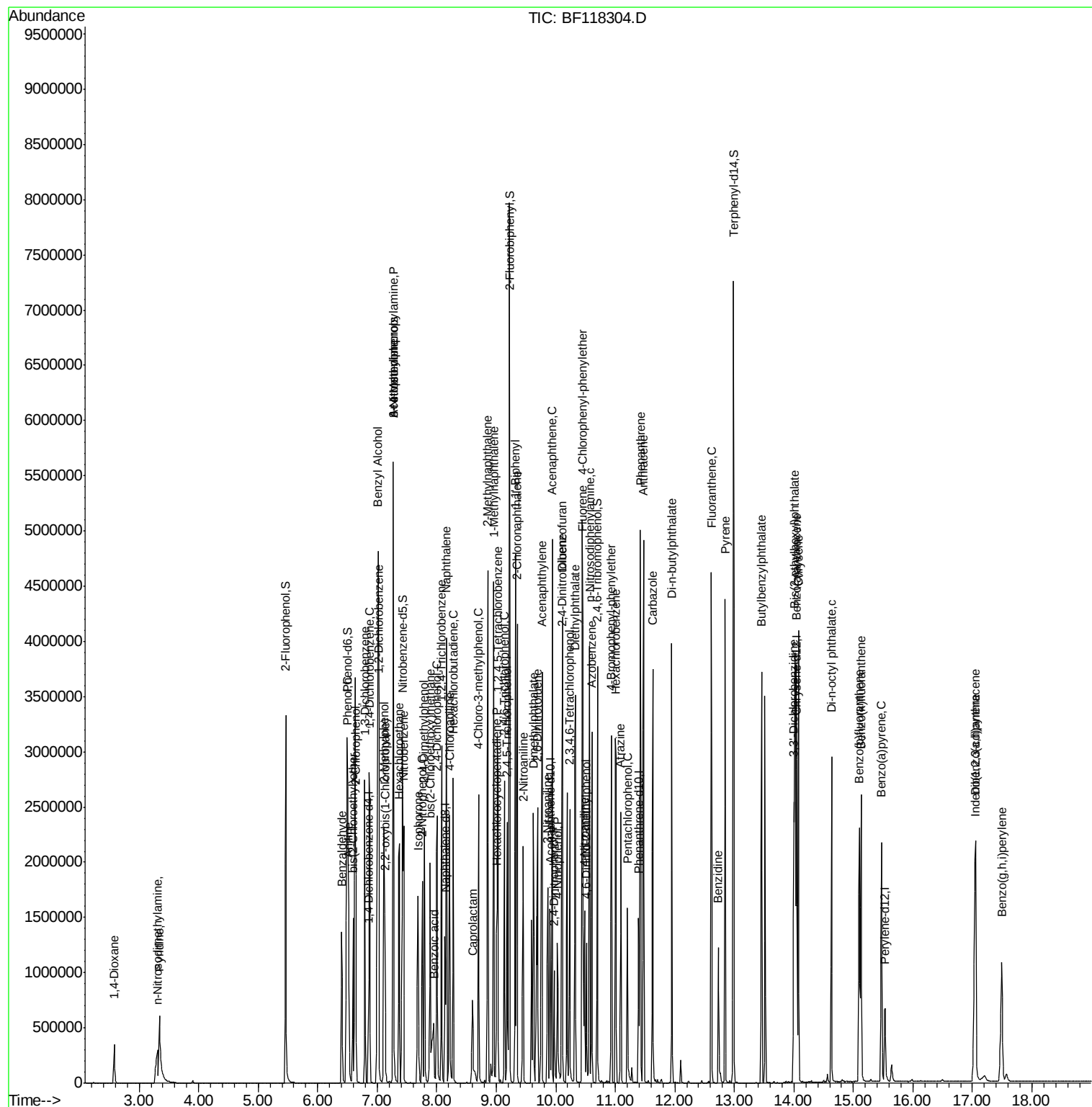
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.01  | 237  | 218931   | 51.930 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.14  | 196  | 364616   | 58.037 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.18  | 196  | 375272   | 57.655 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1410796  | 57.590 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 1137014  | 57.699 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.45  | 65   | 322684   | 57.421 | ng    | 96       |
| 49) Acenaphthylene             | 9.77  | 152  | 1665687  | 57.310 | ng    | 99       |
| 50) Dimethylphthalate          | 9.63  | 163  | 1330821  | 58.006 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165  | 285491   | 57.227 | ng    | 98       |
| 52) Acenaphthene               | 9.94  | 154  | 1020189  | 57.507 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 339040   | 57.748 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 141290   | 56.926 | ng    | 97       |
| 55) Dibenzofuran               | 10.11 | 168  | 1506917  | 57.971 | ng    | 96       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 221493   | 54.362 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 393950   | 59.163 | ng    | 88       |
| 58) Fluorene                   | 10.46 | 166  | 1191992  | 57.703 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 317424   | 59.111 | ng    | 98       |
| 60) Diethylphthalate           | 10.33 | 149  | 1308764  | 57.898 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204  | 599721   | 57.699 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 349917   | 57.146 | ng    | 99       |
| 63) Azobenzene                 | 10.60 | 77   | 1124709  | 58.285 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 189790   | 59.599 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.57 | 169  | 1048162  | 58.209 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 384084   | 58.351 | ng    | 93       |
| 68) Hexachlorobenzene          | 11.01 | 284  | 447594   | 57.773 | ng    | 93       |
| 69) Atrazine                   | 11.09 | 200  | 321649   | 70.440 | ng    | 96       |
| 70) Pentachlorophenol          | 11.20 | 266  | 208014   | 57.093 | ng    | 99       |
| 71) Phenanthrene               | 11.42 | 178  | 1775173  | 57.913 | ng    | 100      |
| 72) Anthracene                 | 11.47 | 178  | 1762399  | 57.636 | ng    | 100      |
| 73) Carbazole                  | 11.63 | 167  | 1576678  | 57.469 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 1995368  | 58.113 | ng    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1772282  | 56.551 | ng    | 97       |
| 77) Benzidine                  | 12.73 | 184  | 484598   | 49.452 | ng    | 97       |
| 78) Pyrene                     | 12.85 | 202  | 1788613  | 60.973 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 816372   | 61.450 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 1483302  | 57.627 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 492755   | 58.290 | ng    | 99       |
| 83) Chrysene                   | 14.08 | 228  | 1419339  | 57.727 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 1062429  | 60.648 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1528078  | 57.584 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 1233330  | 59.616 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.10 | 252  | 1277547  | 58.805 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.13 | 252  | 1150085  | 55.105 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.47 | 252  | 1091839  | 56.903 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.06 | 278  | 1005875  | 61.120 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.49 | 276  | 991348   | 62.686 | ng    | 99       |

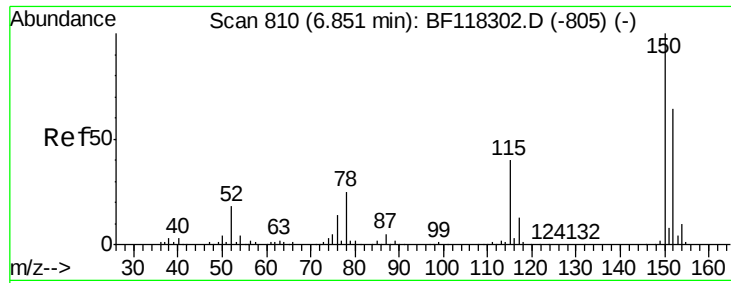
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

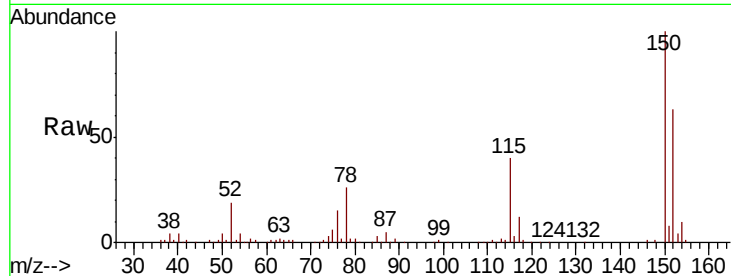
Tot Ion:152 Resp: 152394

Ion Ratio Lower Upper

152 100

150 157.7 125.4 188.2

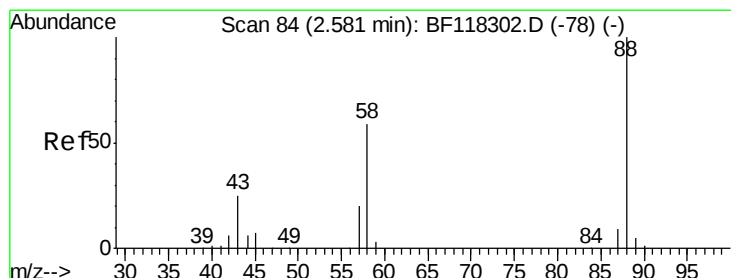
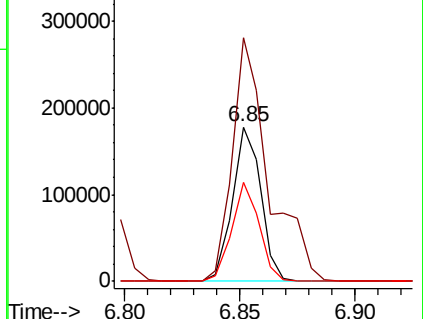
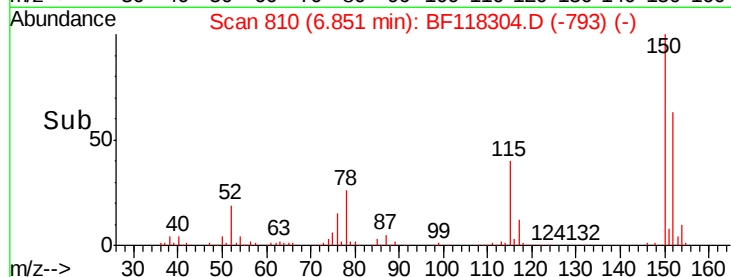
115 63.8 50.2 75.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 54.348 ng

RT: 2.58 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

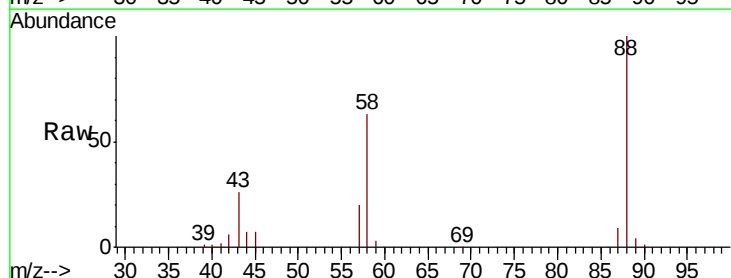
Tgt Ion: 88 Resp: 199389

Ion Ratio Lower Upper

88 100

58 61.0 47.6 71.4

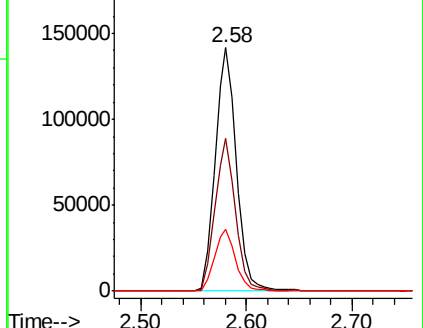
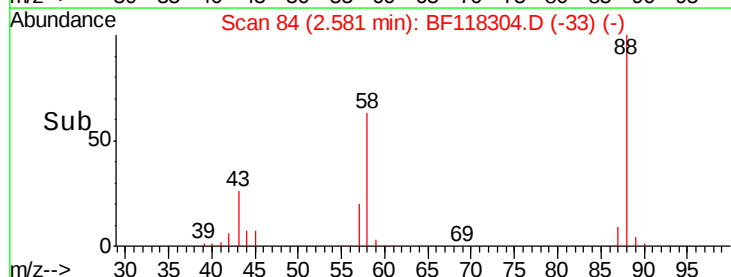
43 25.2 20.6 30.8

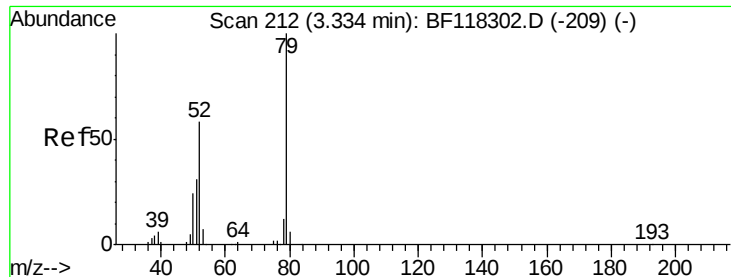


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 58.357 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

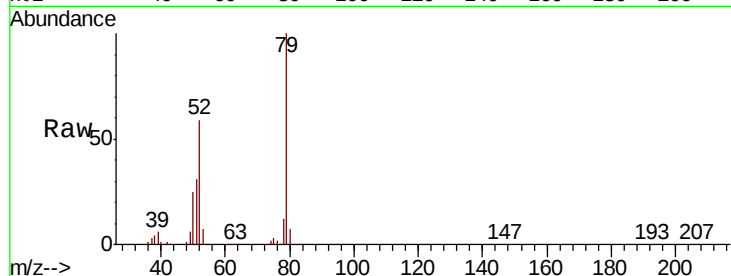
Tot Ion: 79 Resp: 552374

Ion Ratio Lower Upper

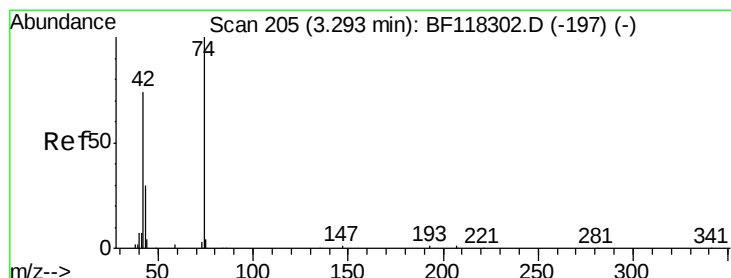
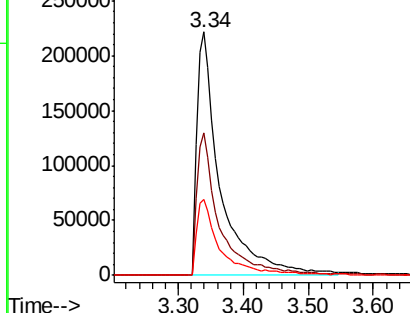
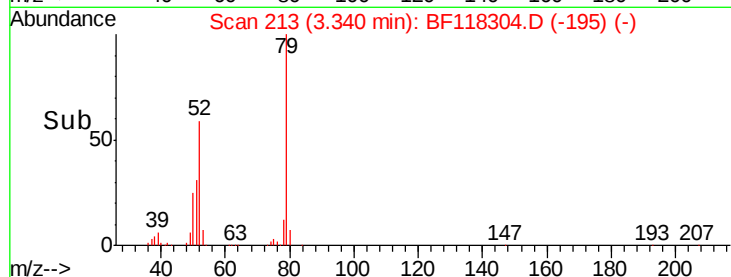
79 100

52 58.7 46.4 69.6

51 31.1 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 56.969 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.02 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

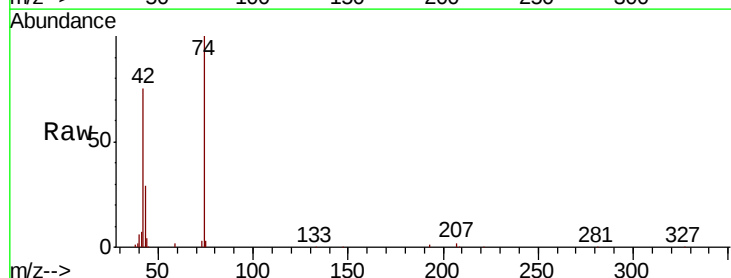
Tgt Ion: 42 Resp: 231975

Ion Ratio Lower Upper

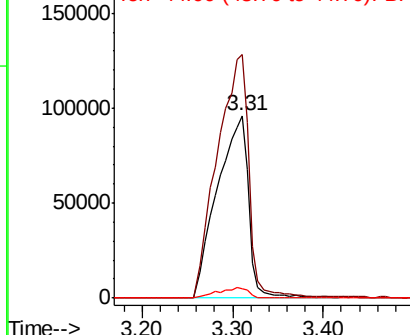
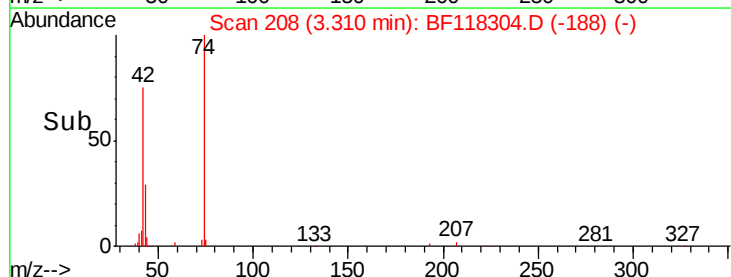
42 100

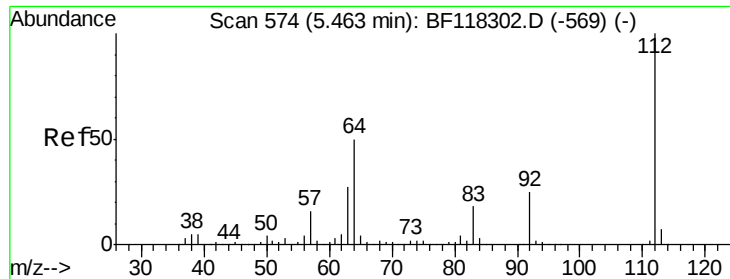
74 133.2 107.7 161.5

44 5.2 4.8 7.2



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





#5

2-Fluorophenol

Concen: 116.004 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

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ClientSampleId :

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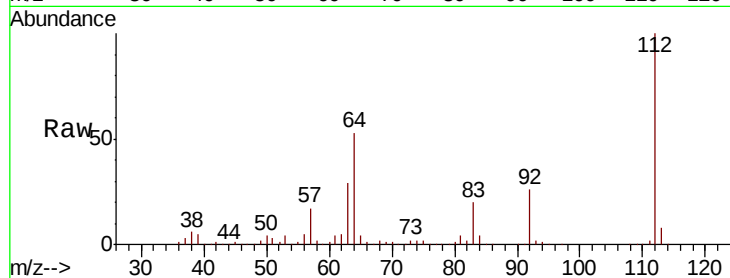
Tot Ion:112 Resp: 1009345

Ion Ratio Lower Upper

112 100

64 53.3 39.7 59.5

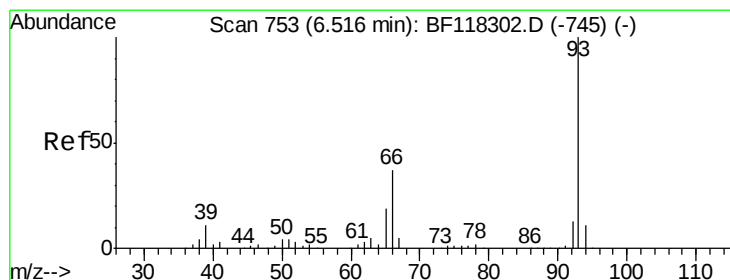
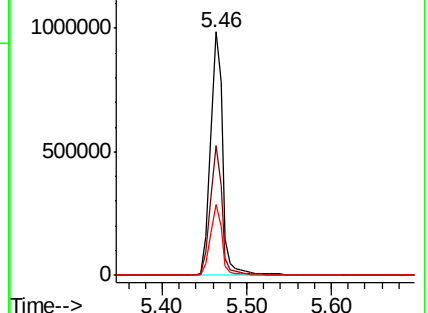
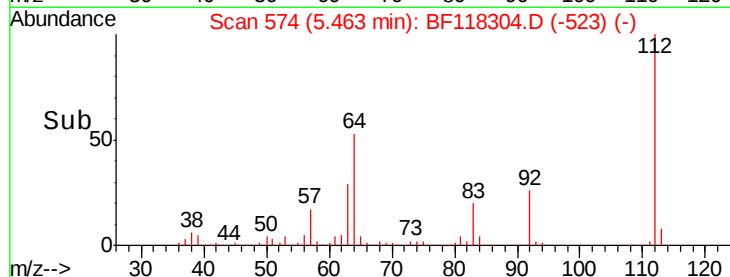
63 29.3 21.7 32.5



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: 59.570 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

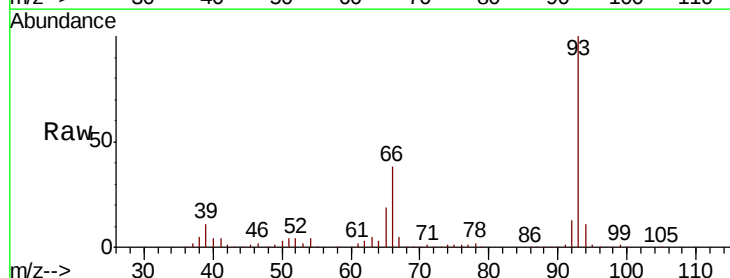
Tgt Ion: 93 Resp: 801941

Ion Ratio Lower Upper

93 100

66 37.6 30.2 45.4

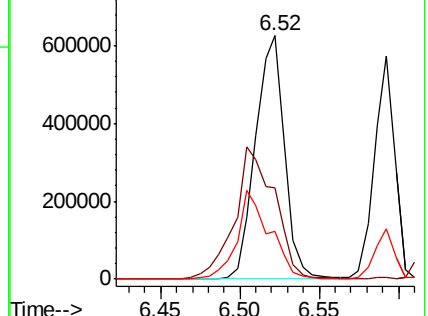
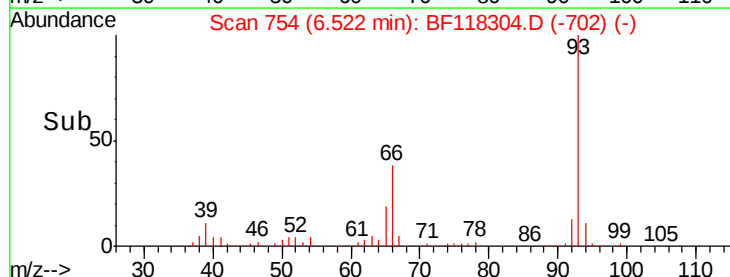
65 19.4 15.7 23.5

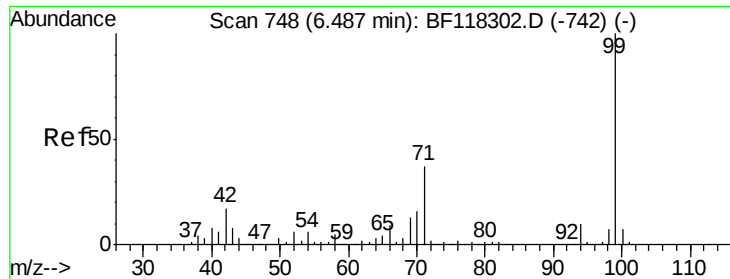


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.391 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

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ClientSampleId :

SSTDIC060

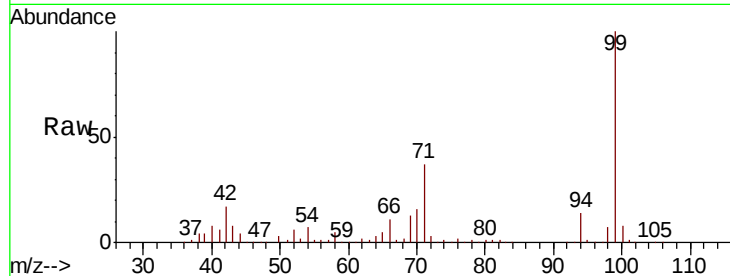
Tot Ion: 99 Resp: 1256482

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

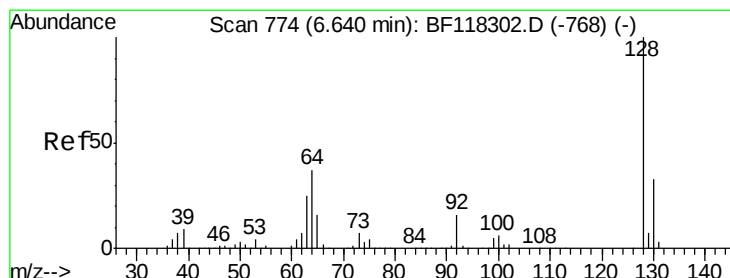
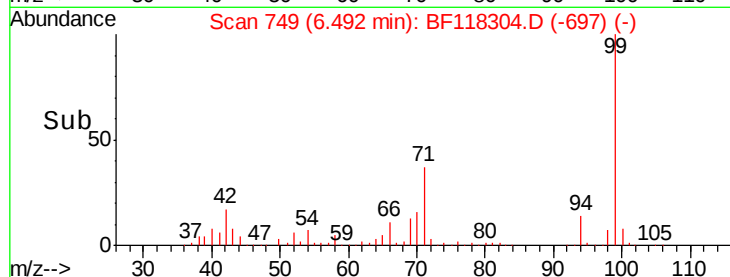
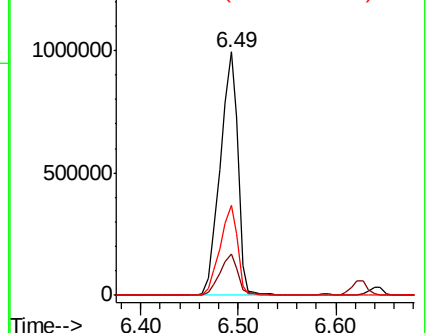
71 36.8 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 59.053 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

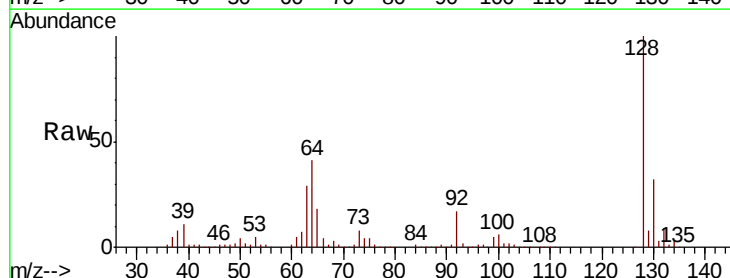
Tgt Ion:128 Resp: 579375

Ion Ratio Lower Upper

128 100

130 31.6 13.2 53.2

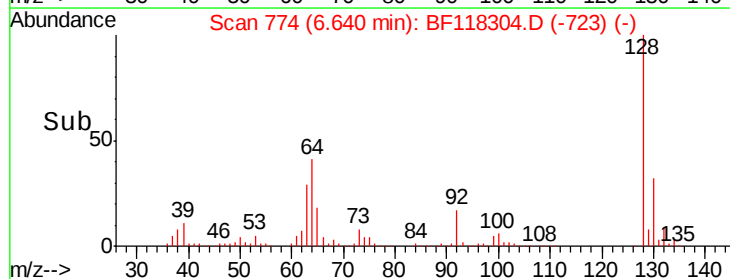
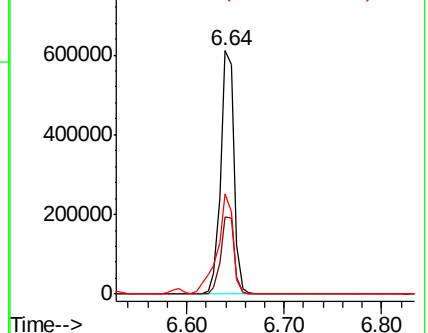
64 41.4 17.7 57.7

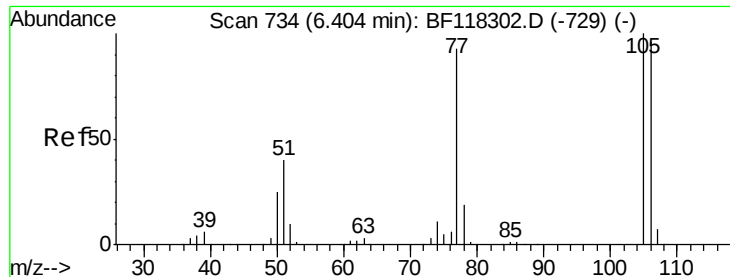


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

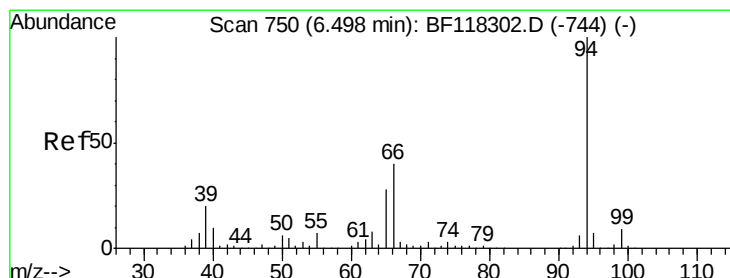
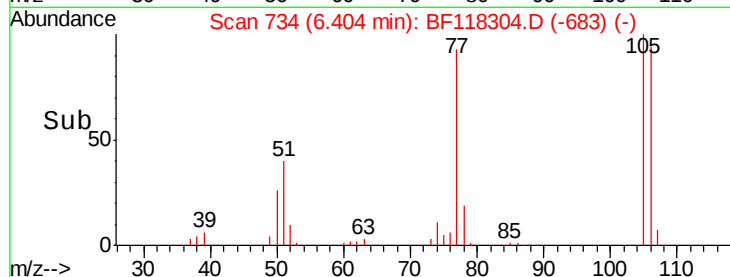
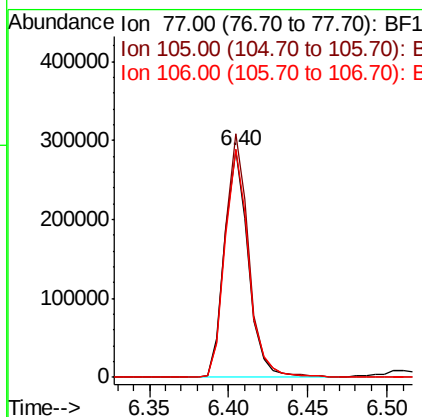
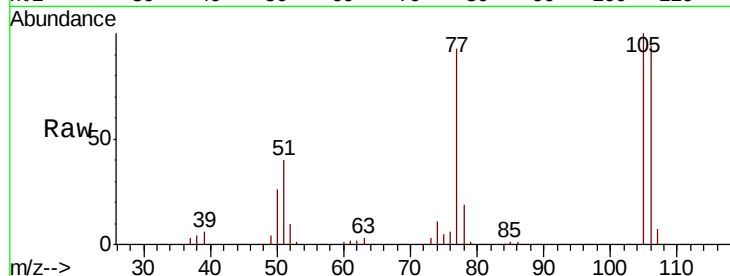




#9  
Benzaldehyde  
Concen: 56.010 ng  
RT: 6.40 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

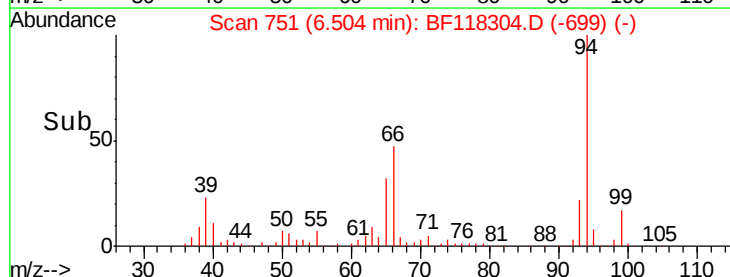
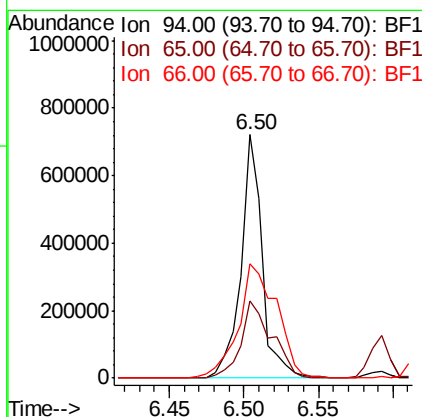
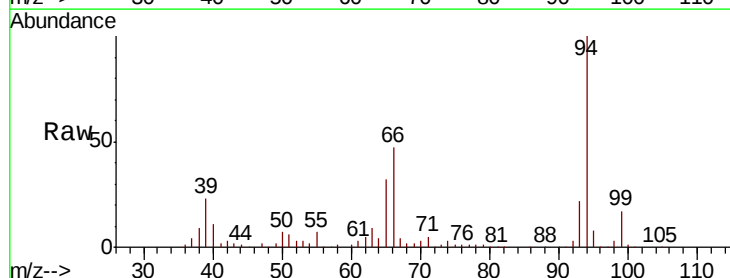
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

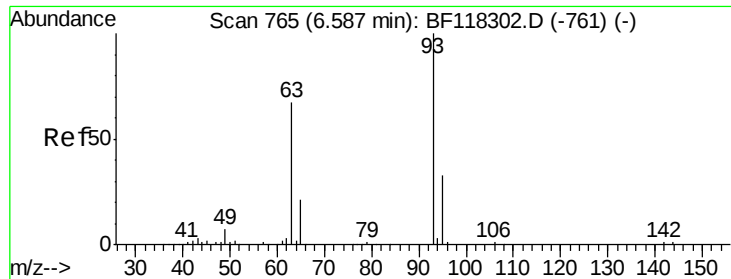
Tot Ion: 77 Resp: 299787  
Ion Ratio Lower Upper  
77 100  
105 107.3 87.5 127.5  
106 100.4 83.6 123.6



#10  
Phenol  
Concen: 59.261 ng  
RT: 6.50 min Scan# 751  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion: 94 Resp: 711247  
Ion Ratio Lower Upper  
94 100  
65 31.6 7.8 47.8  
66 47.0 20.4 60.4

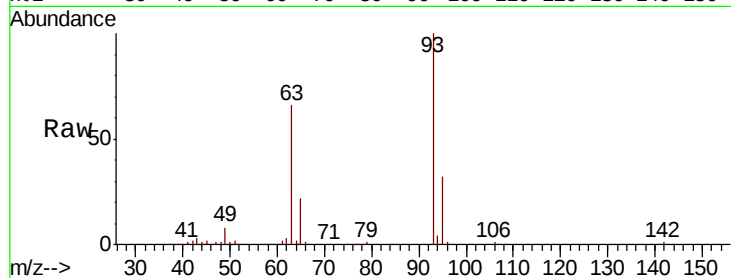




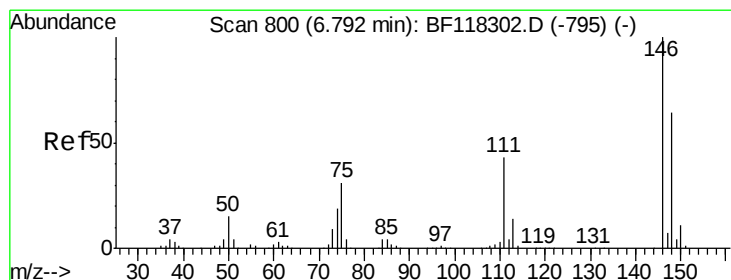
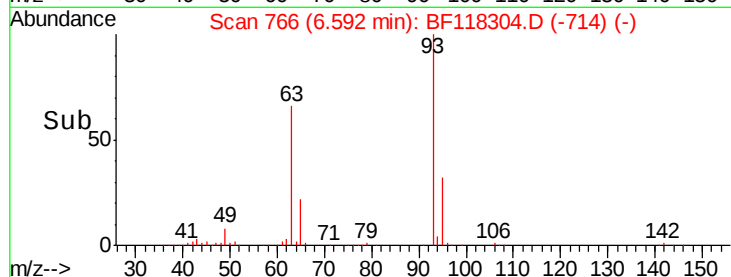
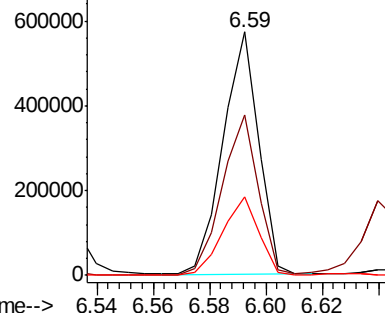
#11  
bis(2-Chloroethyl)ether  
Concen: 57.979 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 65.9  | 47.0  | 87.0  |
| 95      | 32.0  | 12.8  | 52.8  |

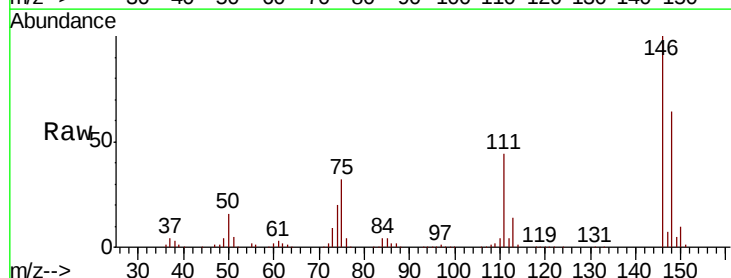


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

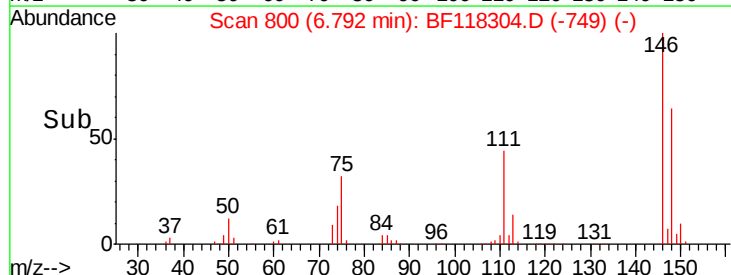
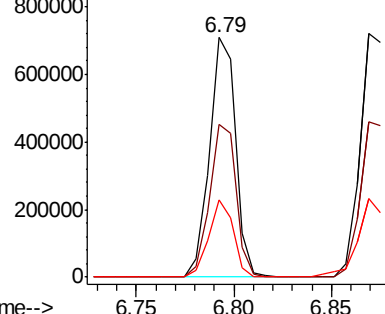


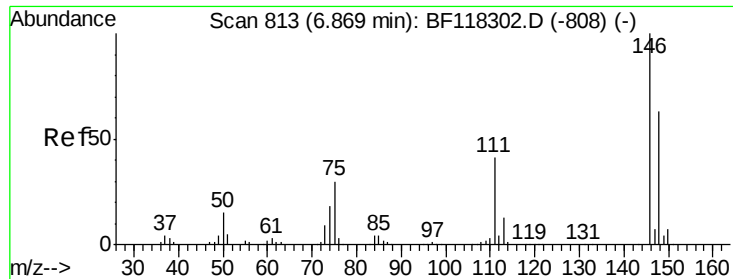
#12  
1,3-Dichlorobenzene  
Concen: 57.428 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.4  | 77.0  |
| 75      | 32.2  | 24.4  | 36.6  |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

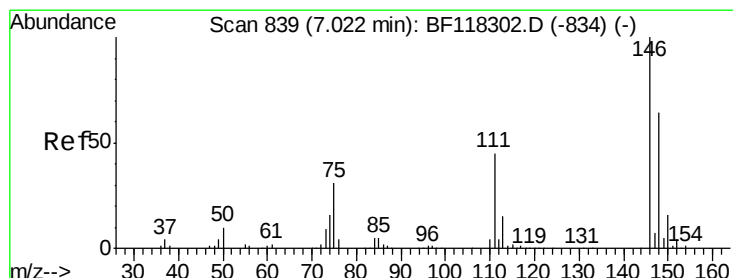
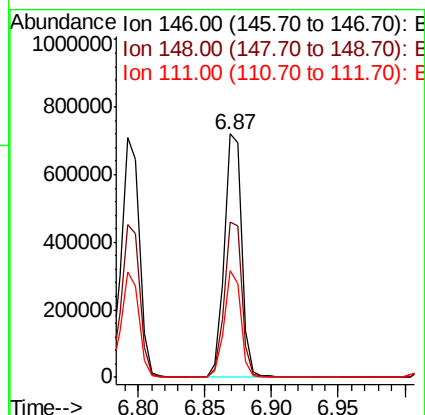
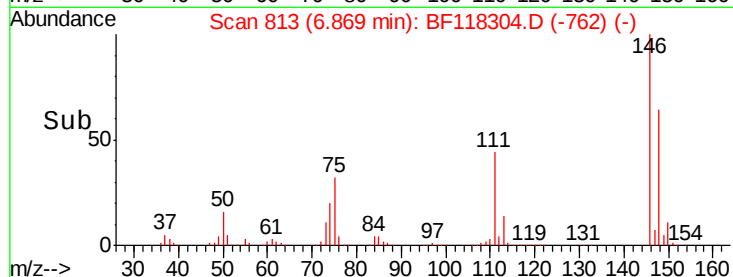
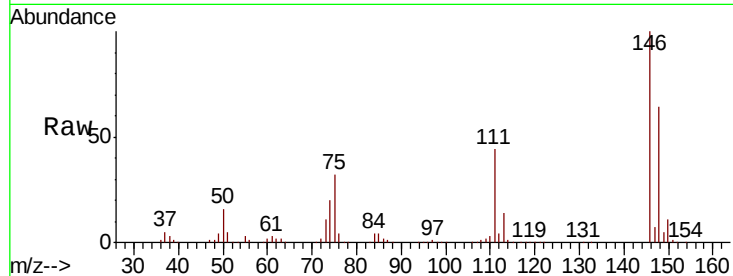




#13  
1,4-Dichlorobenzene  
Concen: 58.150 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

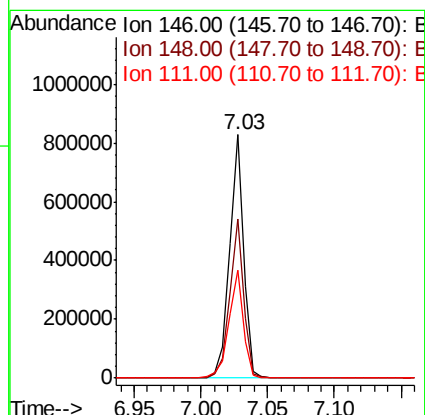
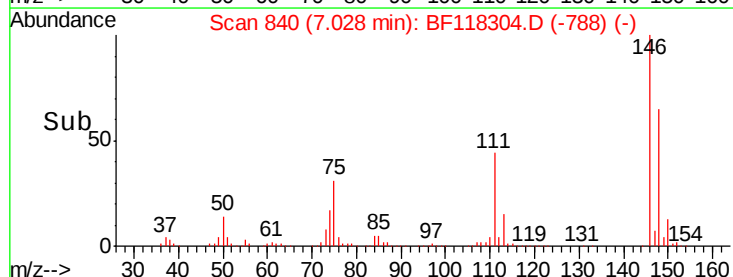
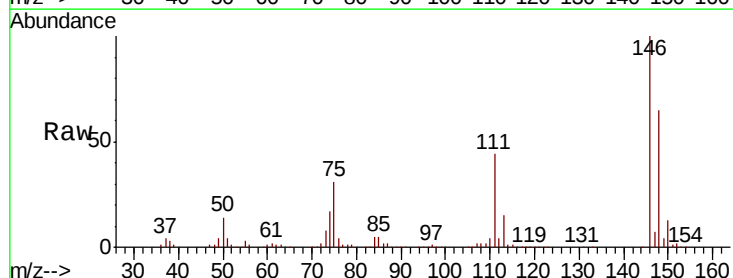
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

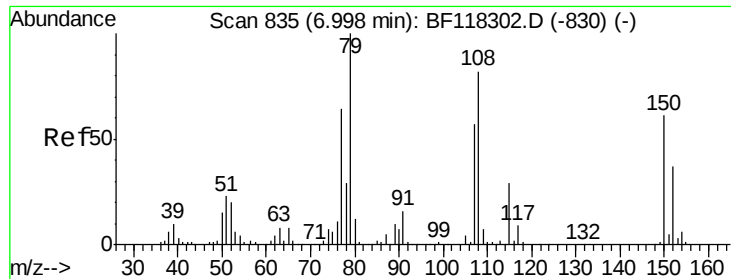
Tot Ion:146 Resp: 671096  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.3 75.5  
111 43.7 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 57.377 ng  
RT: 7.03 min Scan# 840  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:146 Resp: 621851  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.3 76.9  
111 44.5 35.7 53.5

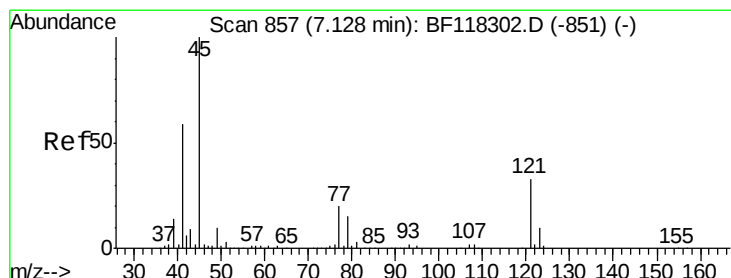
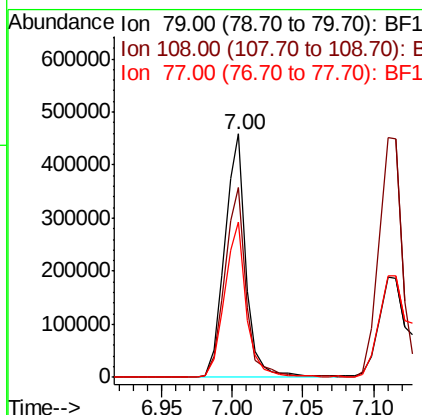
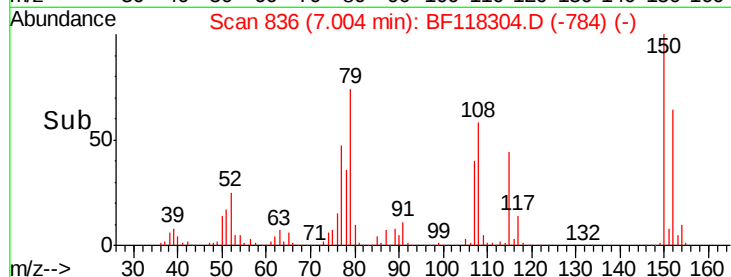
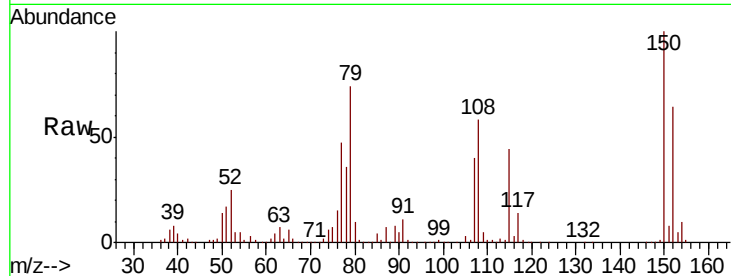




#15  
Benzyl Alcohol  
Concen: 58.313 ng  
RT: 7.00 min Scan# 836  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

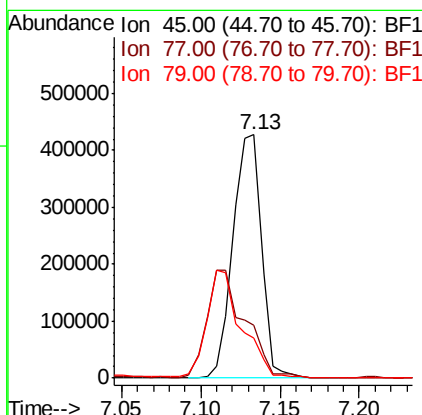
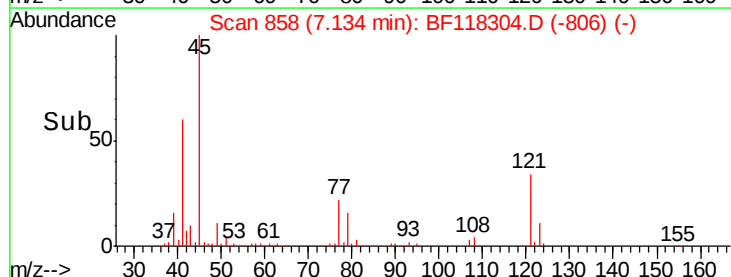
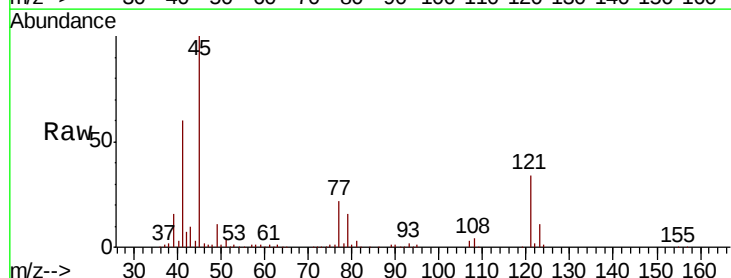
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

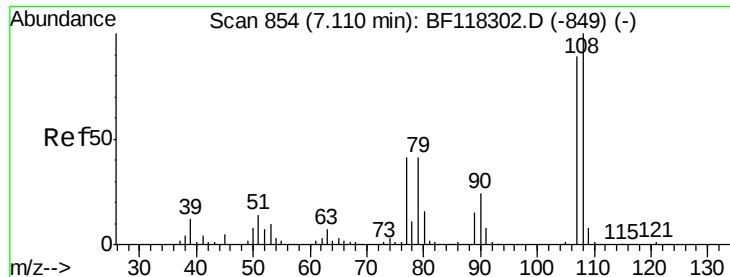
Tot Ion: 79 Resp: 479043  
Ion Ratio Lower Upper  
79 100  
108 78.2 65.4 98.0  
77 63.8 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 51.141 ng  
RT: 7.13 min Scan# 858  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion: 45 Resp: 533752  
Ion Ratio Lower Upper  
45 100  
77 21.8 1.2 41.2  
79 16.3 0.0 37.0

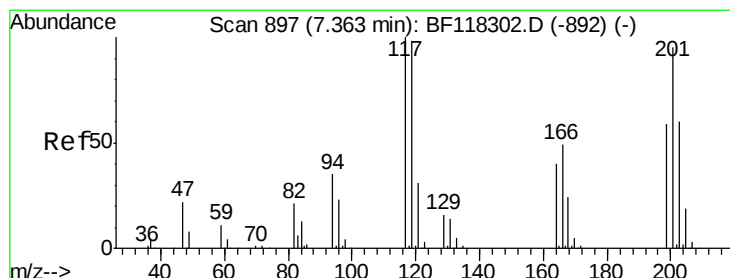
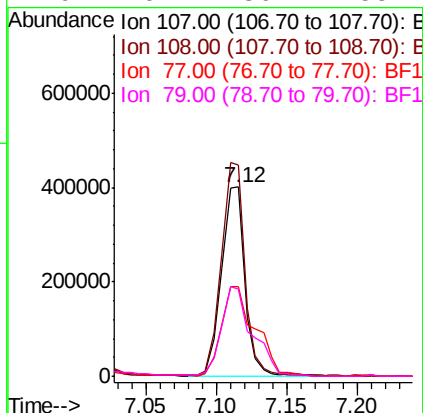
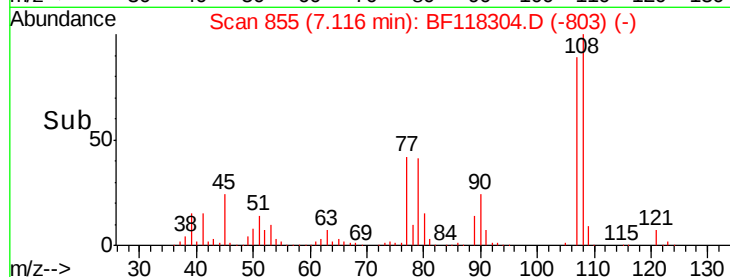
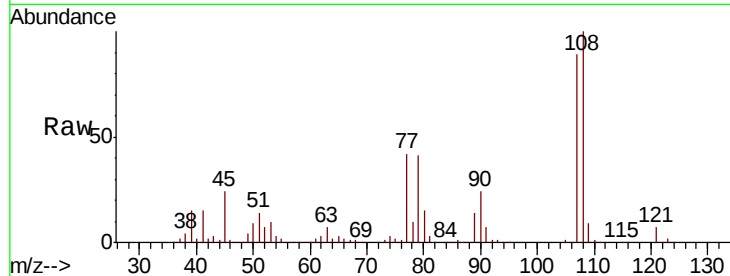




#17  
2-Methylphenol  
Concen: 59.069 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

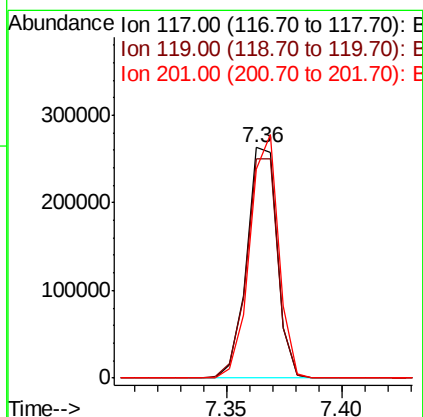
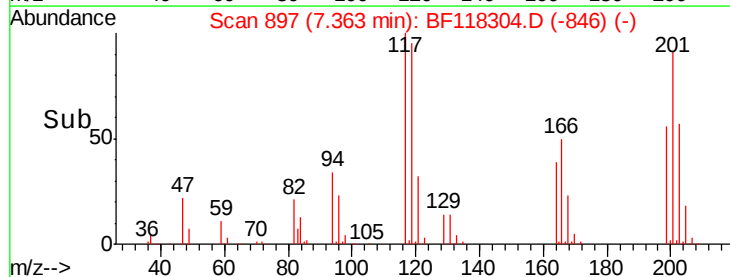
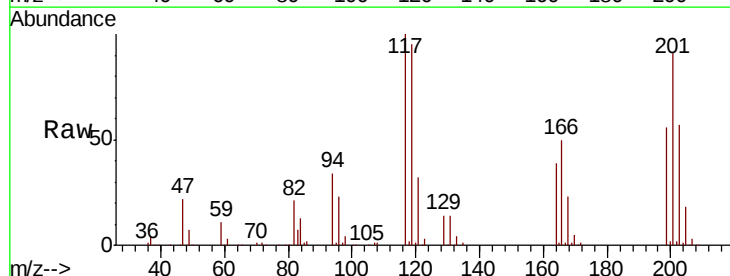
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

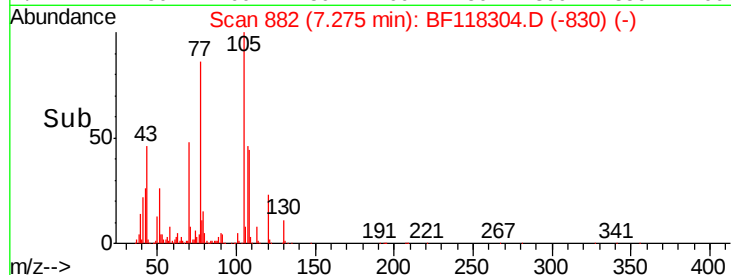
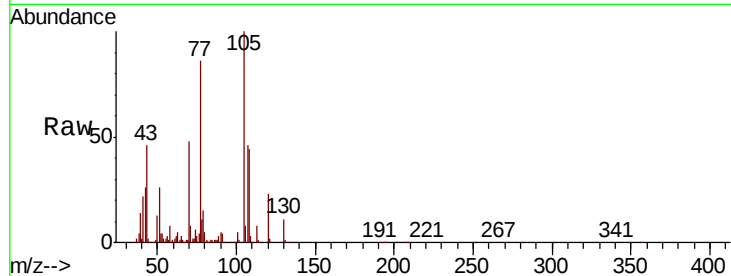
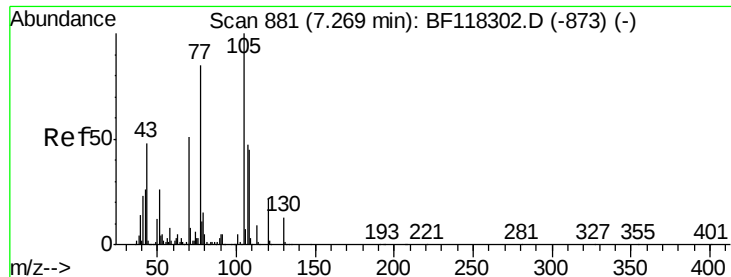
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.9 | 89.7  | 134.5 |
| 77      | 47.6  | 37.2  | 55.8  |
| 79      | 46.2  | 36.7  | 55.1  |



#18  
Hexachloroethane  
Concen: 57.465 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.1  | 78.0  | 117.0 |
| 201     | 90.8  | 76.2  | 114.2 |

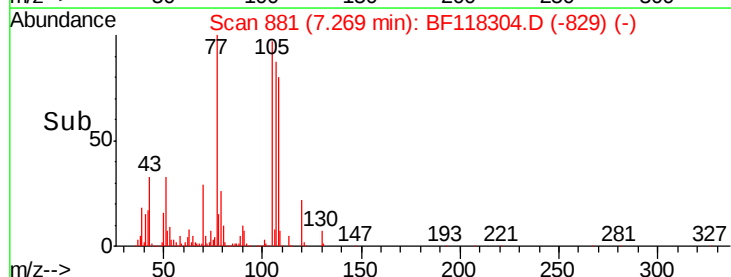
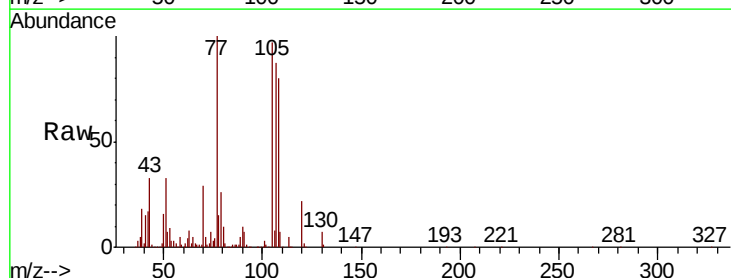
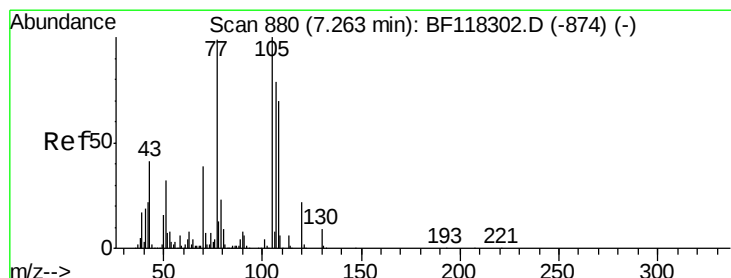
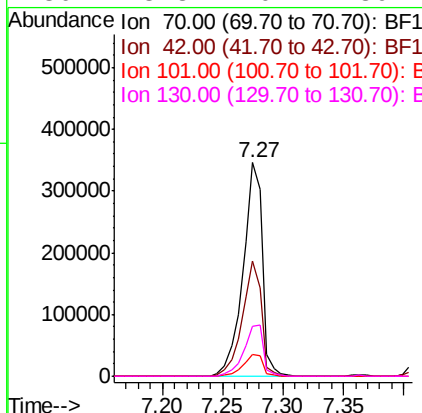




#19  
n-Nitroso-di-n-propylamine  
Concen: 60.462 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

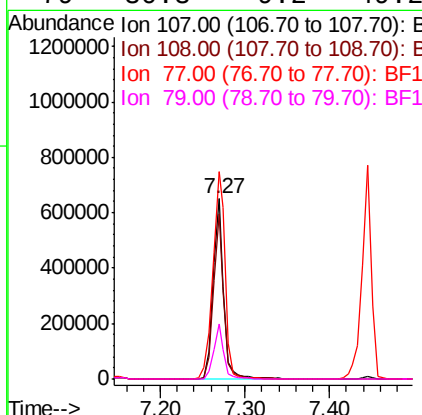
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

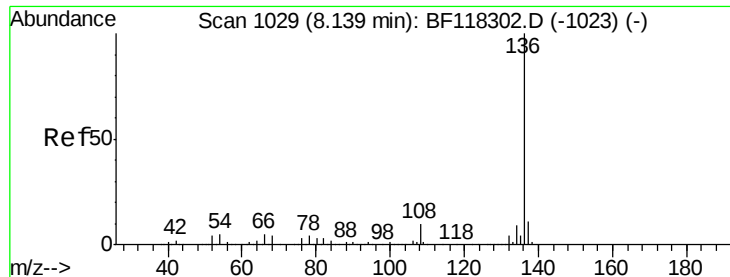
Tot Ion: 70 Resp: 386651  
Ion Ratio Lower Upper  
70 100  
42 54.2 41.1 61.7  
101 10.4 8.3 12.5  
130 23.3 20.1 30.1



#20  
3+4-Methylphenols  
Concen: 59.571 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion: 107 Resp: 583888  
Ion Ratio Lower Upper  
107 100  
108 91.6 69.3 109.3  
77 114.8 105.9 145.9  
79 30.3 9.2 49.2

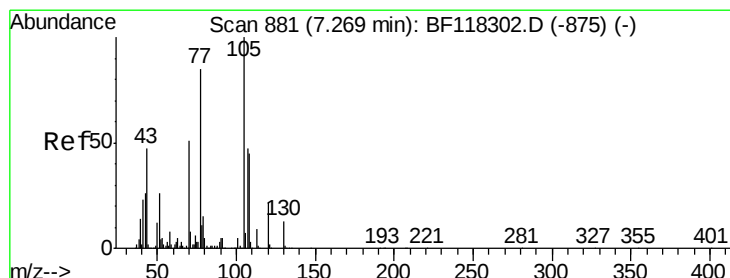
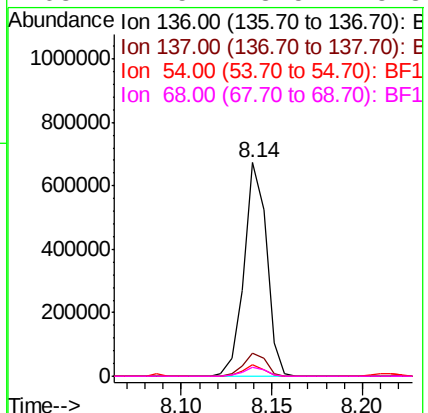
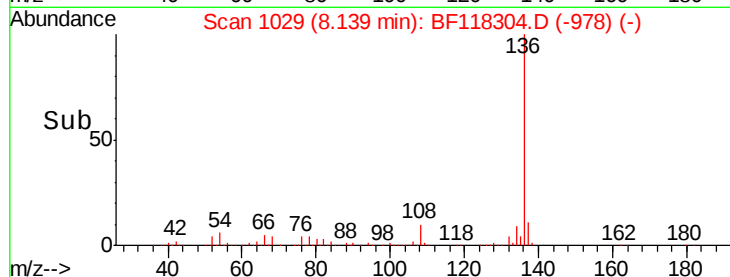
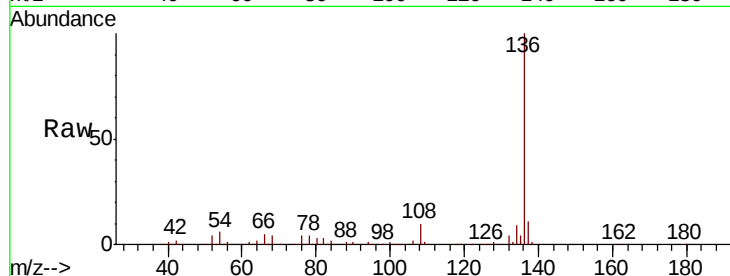




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

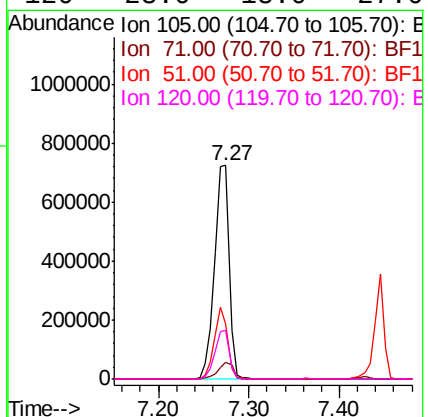
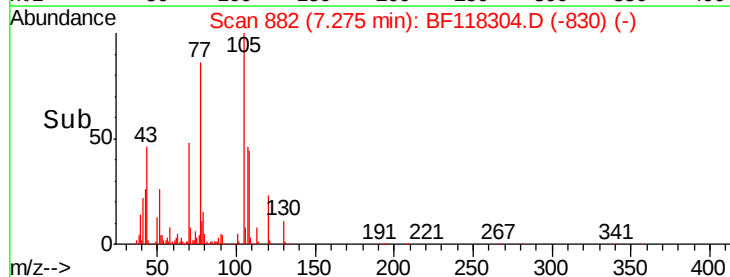
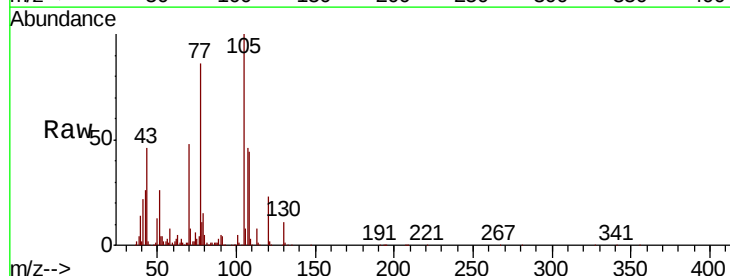
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

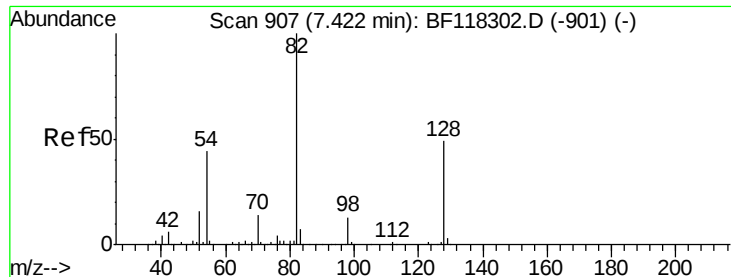
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 583333 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.0    | 8.9   | 13.3   |  |
| 54 5.5      | 4.2   | 6.4    |  |
| 68 4.5      | 3.5   | 5.3    |  |



#22  
Acetophenone  
Concen: 58.004 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 812890 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 8.0     | 6.6   | 9.8    |
| 51  | 25.9    | 20.6  | 30.8   |
| 120 | 23.0    | 18.0  | 27.0   |

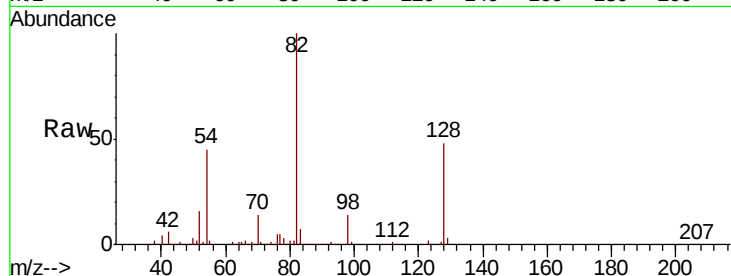




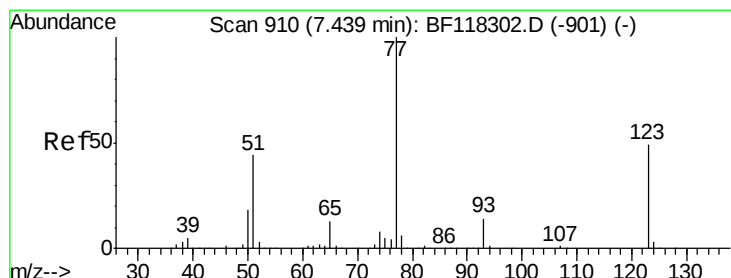
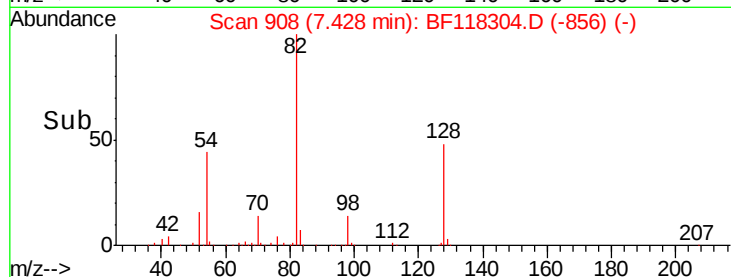
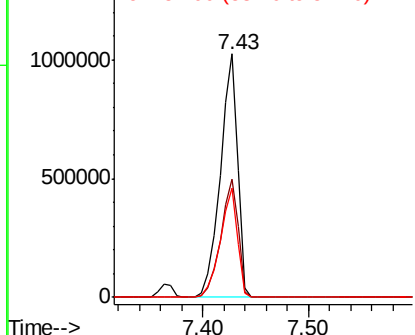
#23  
 Nitrobenzene-d5  
 Concen: 113.261 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. 0.01 min  
 Lab File: BF118304.D  
 Acq: 24 Dec 2019 12:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion: 82 Resp: 1174397  
 Ion Ratio Lower Upper  
 82 100  
 128 48.4 39.6 59.4  
 54 44.8 34.9 52.3

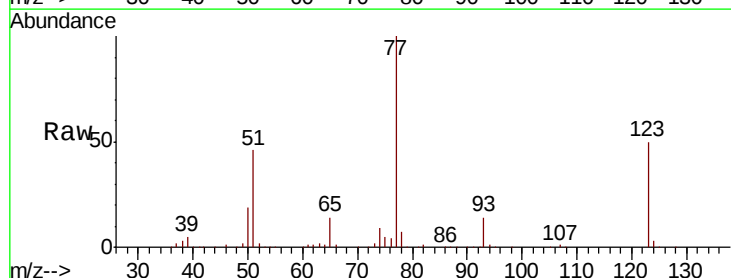


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

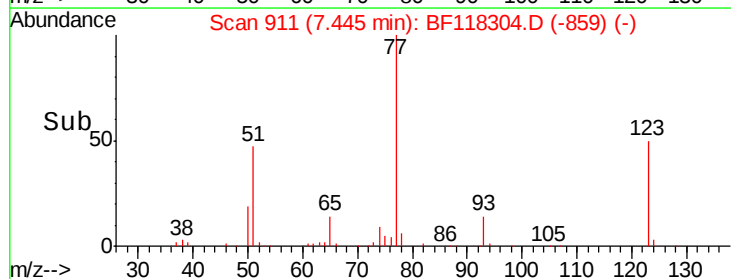
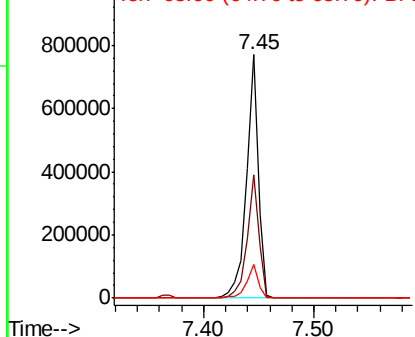


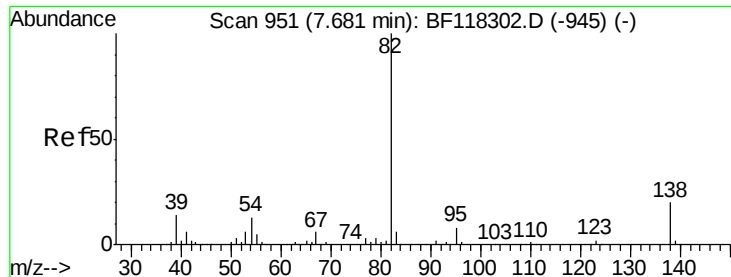
#24  
 Nitrobenzene  
 Concen: 57.460 ng  
 RT: 7.45 min Scan# 911  
 Delta R.T. 0.01 min  
 Lab File: BF118304.D  
 Acq: 24 Dec 2019 12:52

Tgt Ion: 77 Resp: 585366  
 Ion Ratio Lower Upper  
 77 100  
 123 50.5 39.1 58.7  
 65 13.7 10.6 16.0



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





#25

Isophorone

Concen: 58.281 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

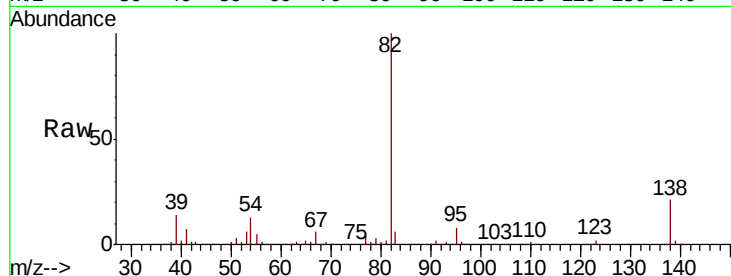
Tot Ion: 82 Resp: 1024429

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

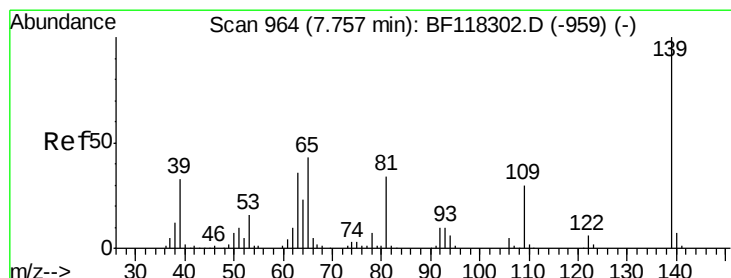
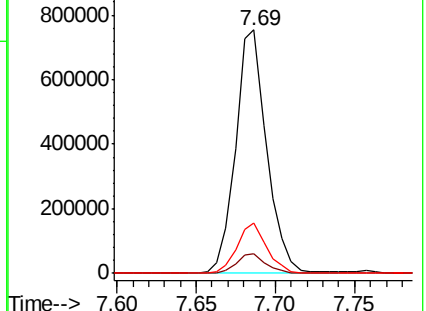
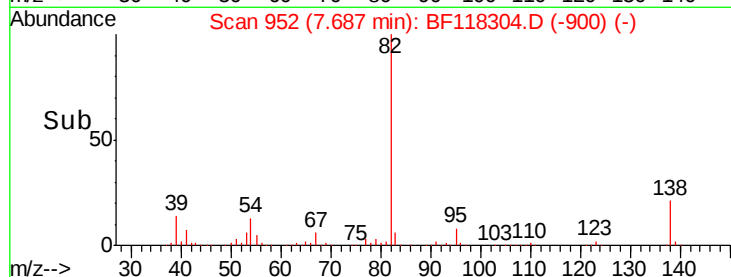
138 20.7 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.767 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

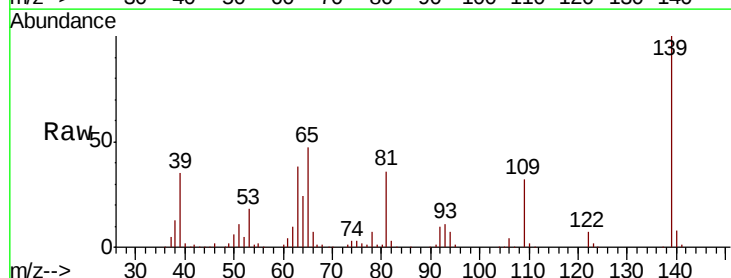
Tgt Ion: 139 Resp: 319987

Ion Ratio Lower Upper

139 100

109 31.6 24.1 36.1

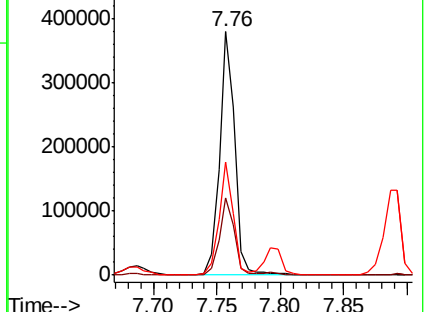
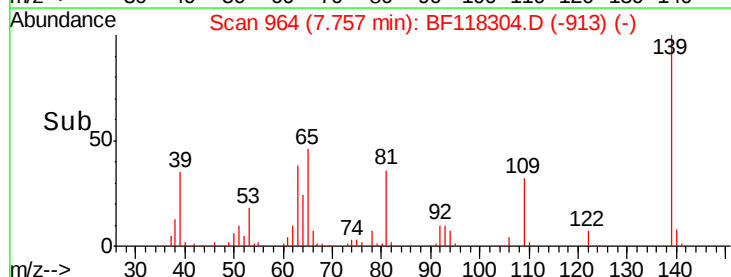
65 46.5 34.6 52.0

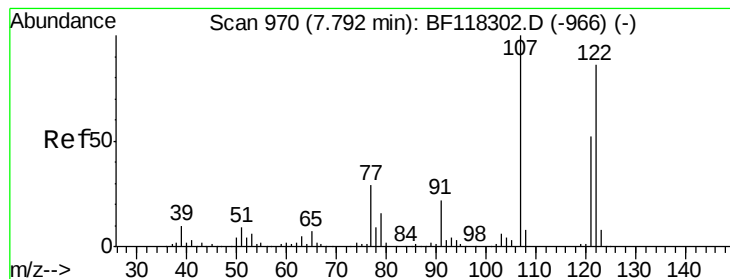


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 59.298 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

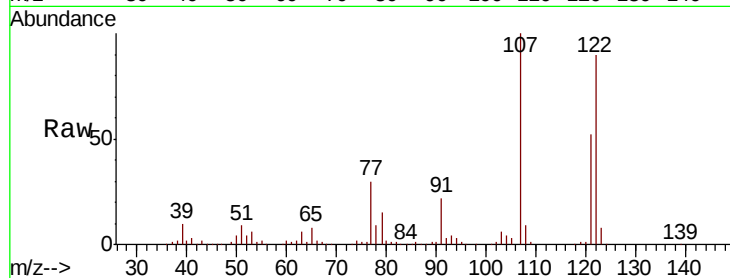
Tot Ion:122 Resp: 430688

Ion Ratio Lower Upper

122 100

107 111.5 92.9 139.3

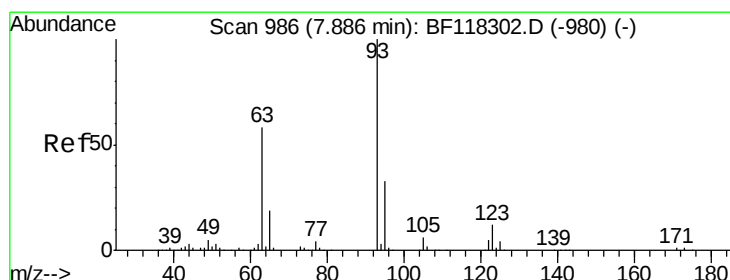
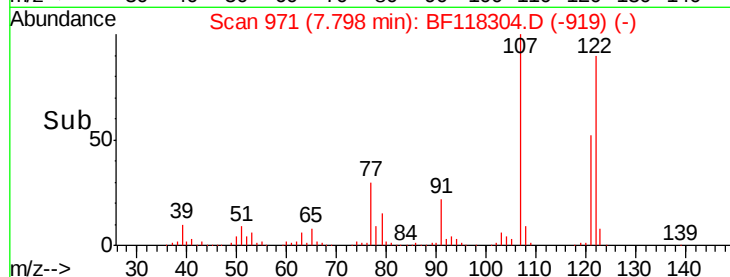
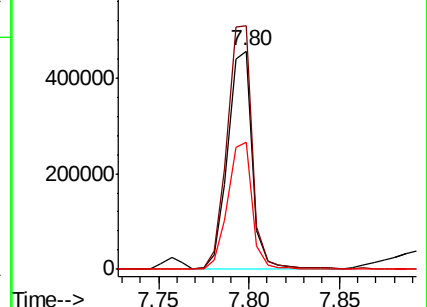
121 58.5 47.9 71.9



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: 57.638 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

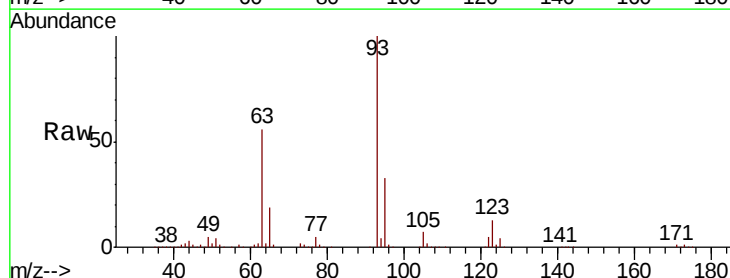
Tgt Ion: 93 Resp: 662019

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

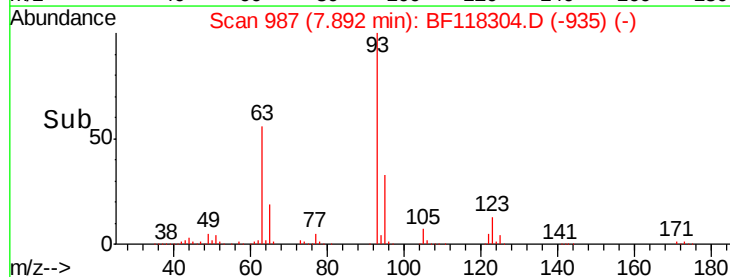
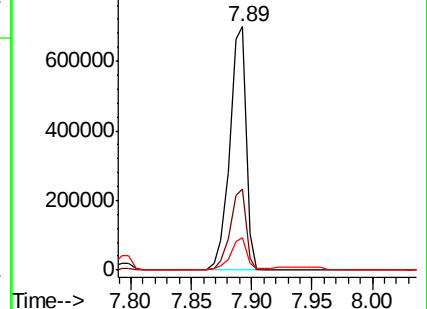
123 13.3 9.8 14.8

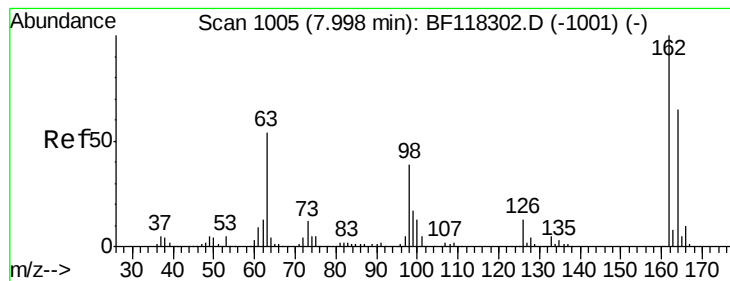


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.407 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

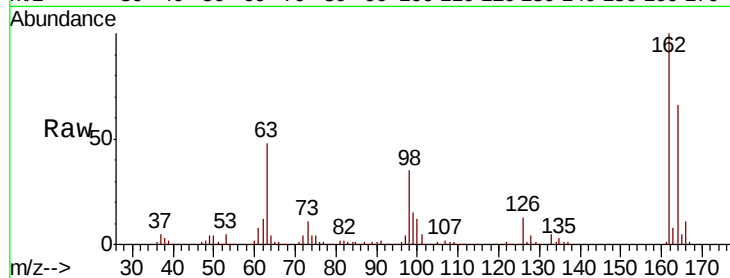
Tot Ion:162 Resp: 486075

Ion Ratio Lower Upper

162 100

164 65.6 45.1 85.1

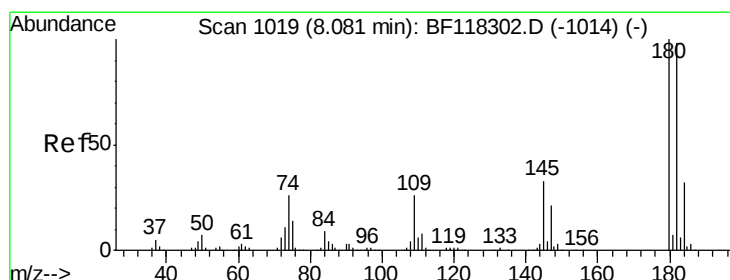
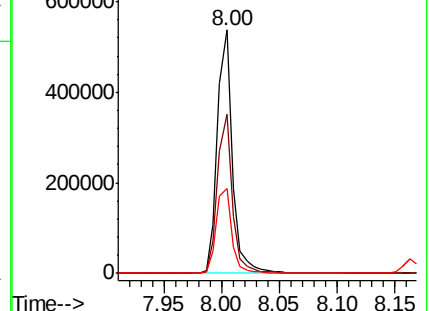
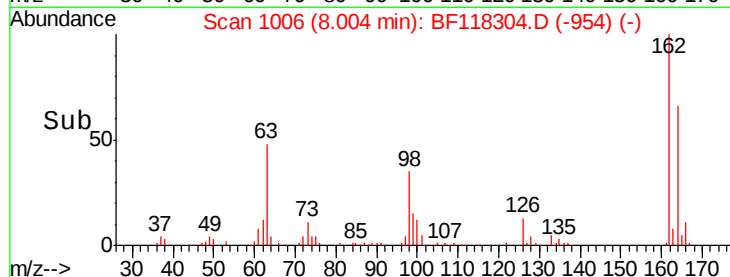
98 35.1 18.6 58.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 57.837 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

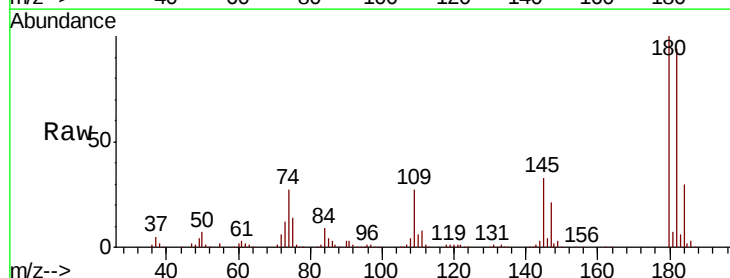
Tgt Ion:180 Resp: 572306

Ion Ratio Lower Upper

180 100

182 94.4 78.3 117.5

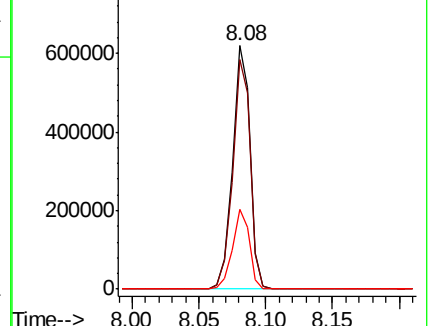
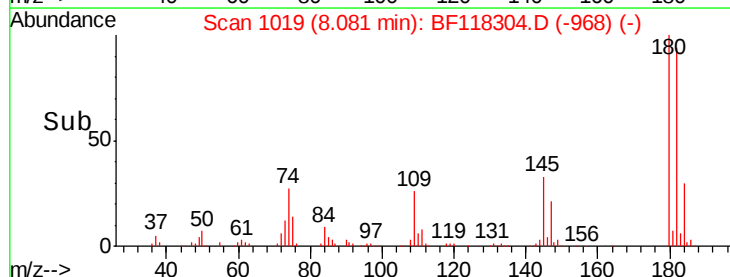
145 32.9 26.7 40.1

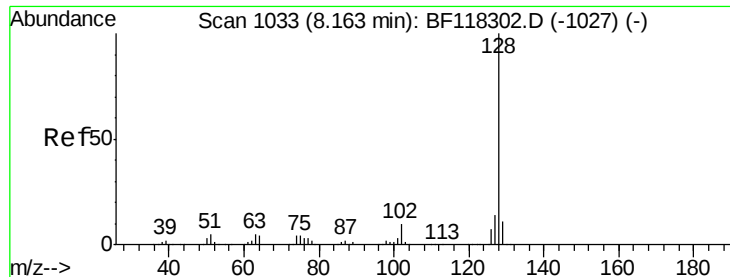


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

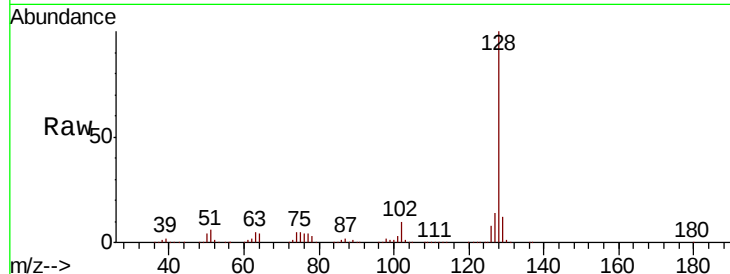




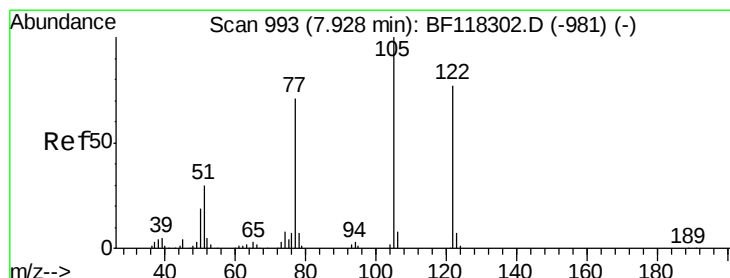
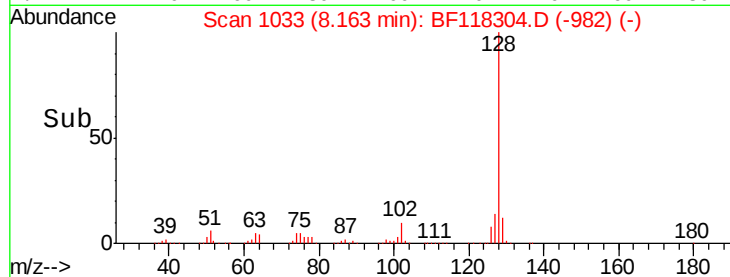
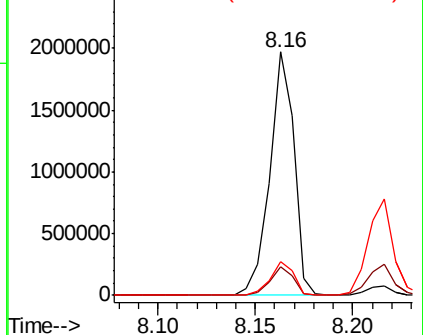
#31  
Naphthalene  
Concen: 57.964 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:128 Resp: 1698129  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.0 13.4  
127 14.0 11.0 16.4

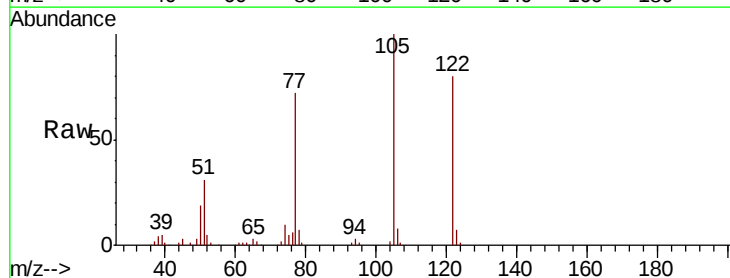


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

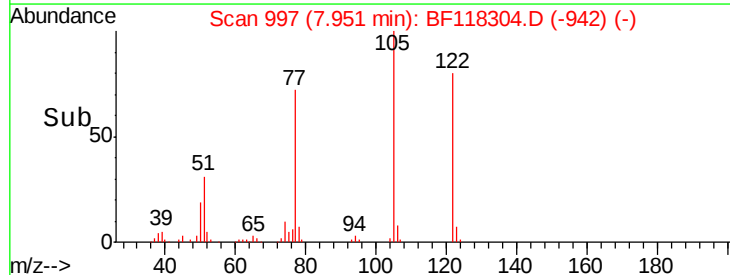
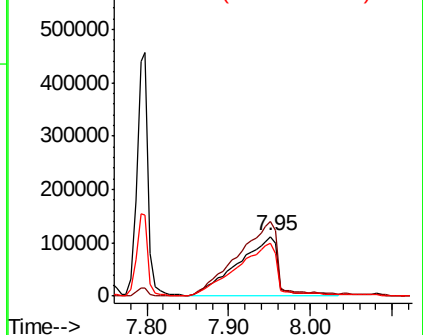


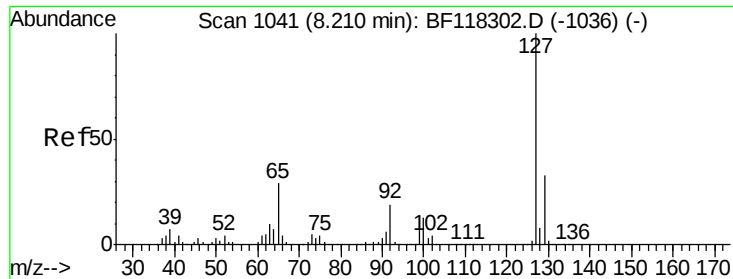
#32  
Benzoic acid  
Concen: 57.190 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.02 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:122 Resp: 375041  
Ion Ratio Lower Upper  
122 100  
105 124.6 106.8 146.8  
77 89.9 70.4 110.4



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

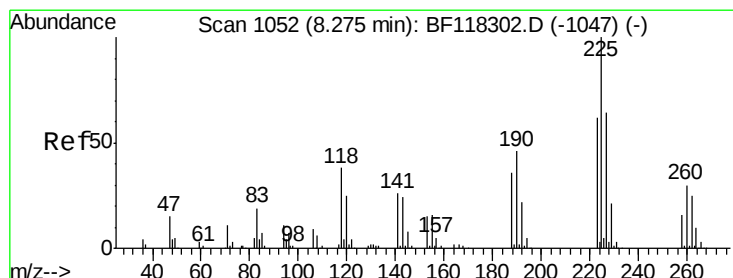
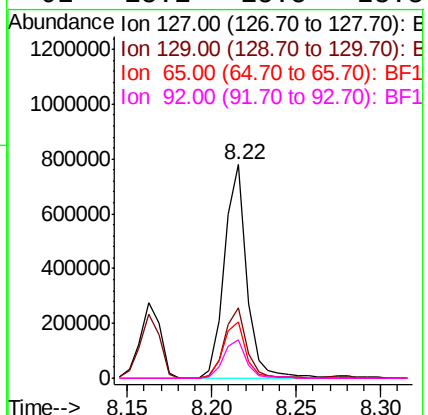
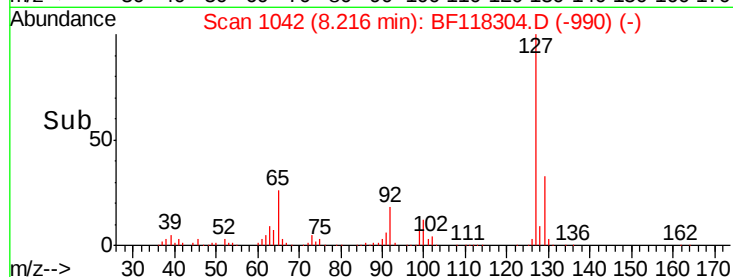
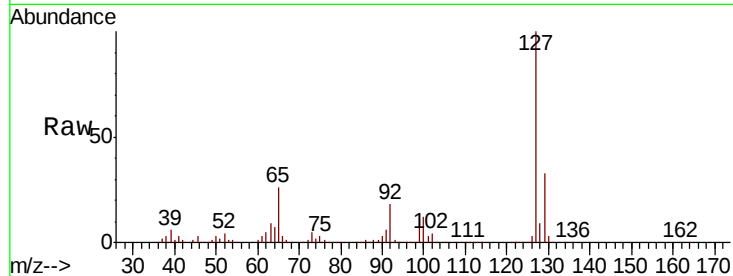




#33  
4-Chloroaniline  
Concen: 56.743 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

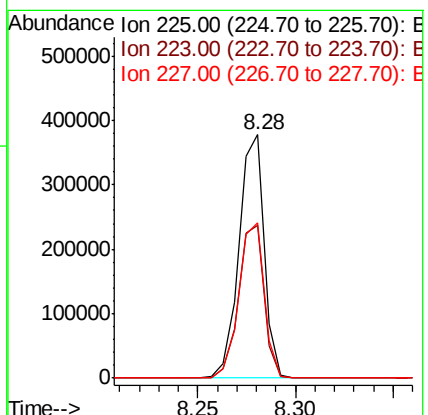
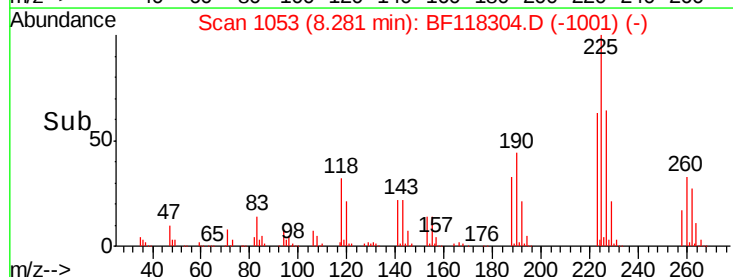
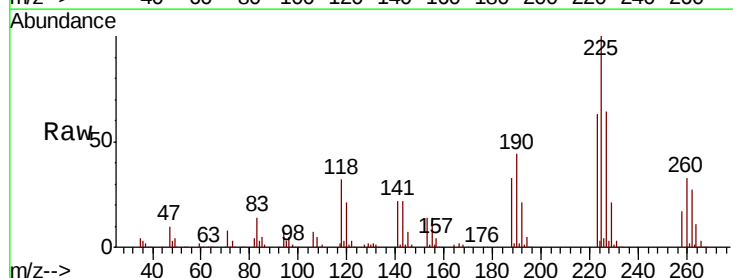
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

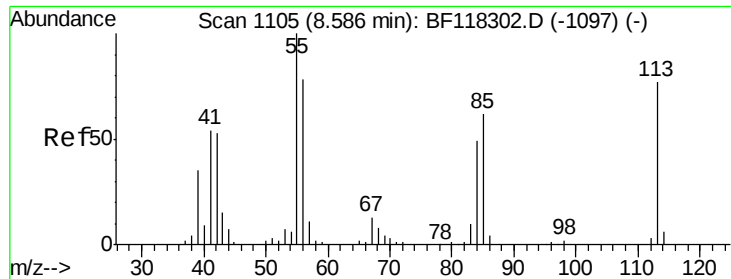
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 717783 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.5  | 39.7   |
| 65       | 26.4  | 22.8  | 34.2   |
| 92       | 18.1  | 15.5  | 23.3   |



#34  
Hexachlorobutadiene  
Concen: 56.750 ng  
RT: 8.28 min Scan# 1053  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 336730 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.5  | 74.3   |
| 227      | 64.0  | 51.0  | 76.4   |

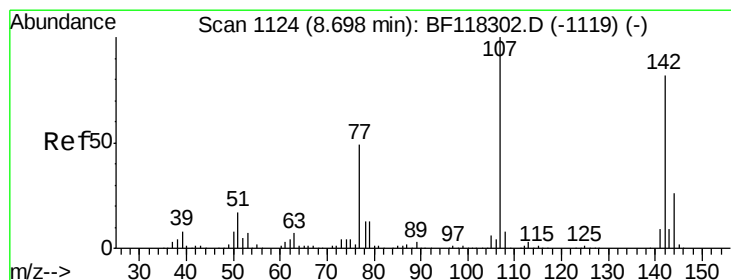
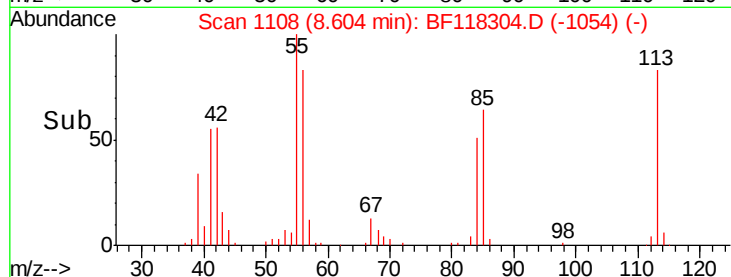
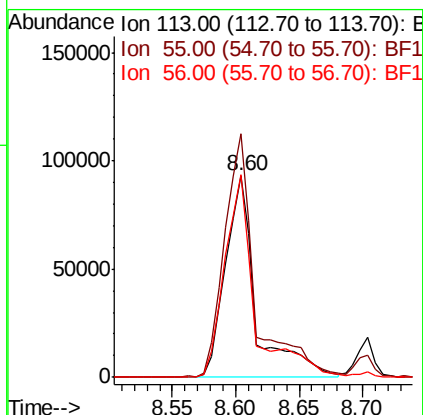
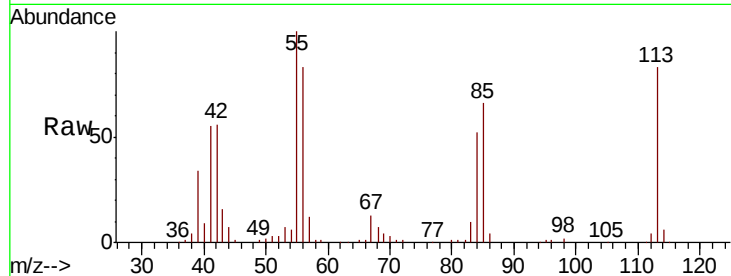




#35  
Caprolactam  
Concen: 59.539 ng  
RT: 8.60 min Scan# 1108  
Delta R.T. 0.02 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

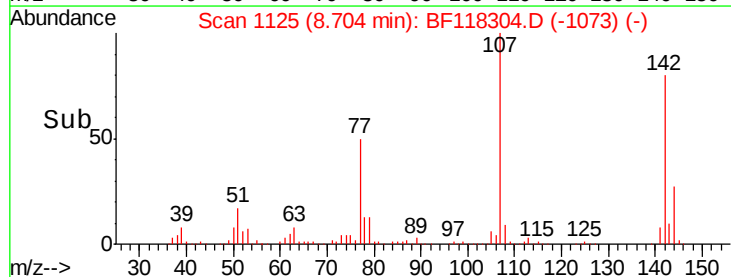
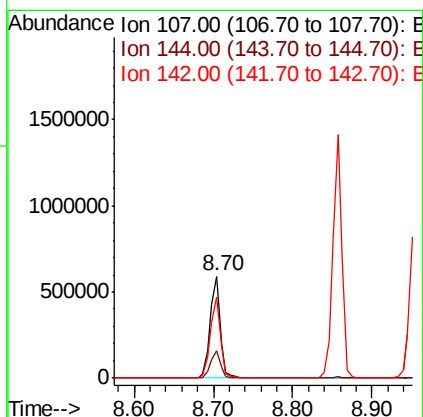
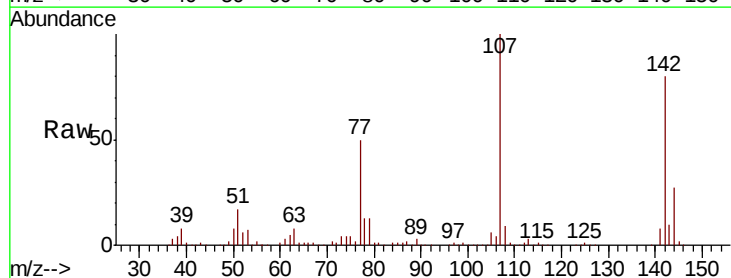
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

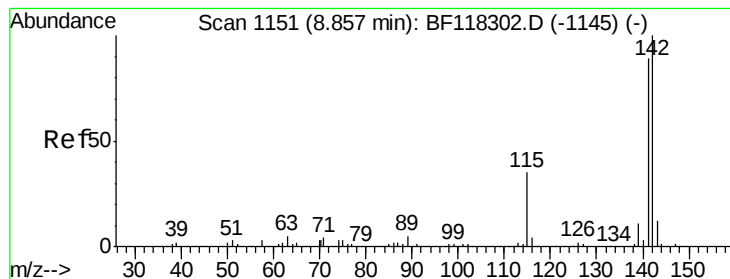
Tot Ion:113 Resp: 155464  
Ion Ratio Lower Upper  
113 100  
55 120.5 109.8 149.8  
56 100.3 81.7 121.7



#36  
4-Chloro-3-methylphenol  
Concen: 58.796 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:107 Resp: 523892  
Ion Ratio Lower Upper  
107 100  
144 26.6 21.2 31.8  
142 79.6 65.4 98.2





#37

2-Methylnaphthalene

Concen: 58.001 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

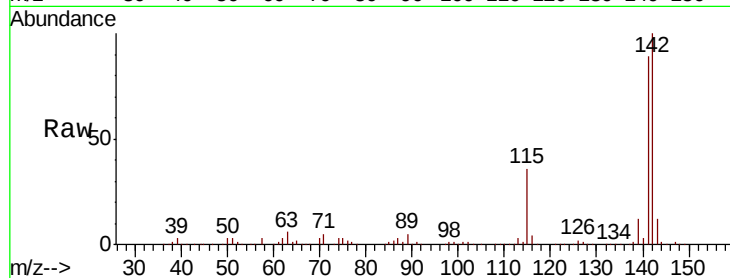
Tot Ion:142 Resp: 1150376

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8

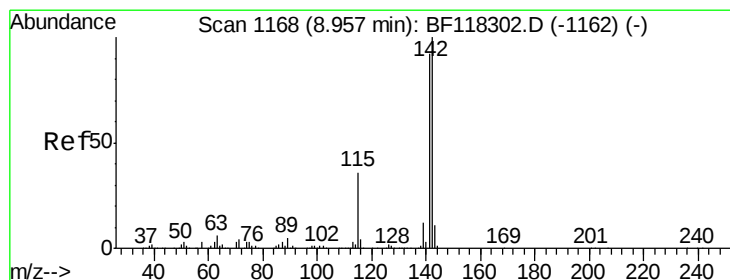
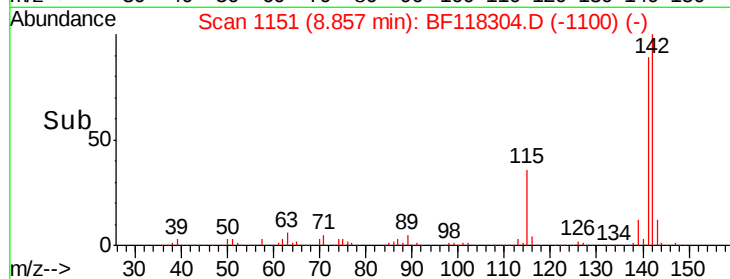
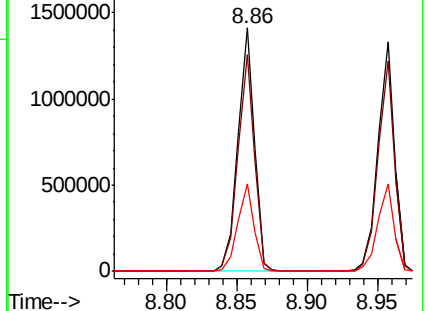
115 36.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 58.282 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

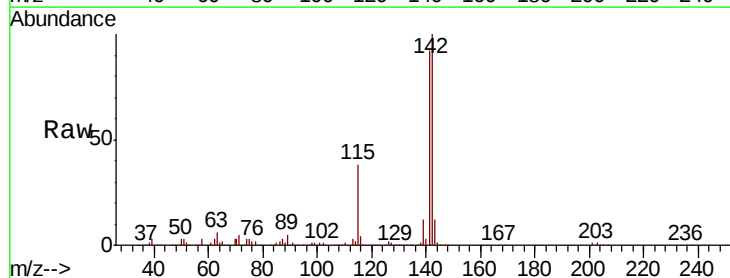
Tgt Ion:142 Resp: 1085378

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

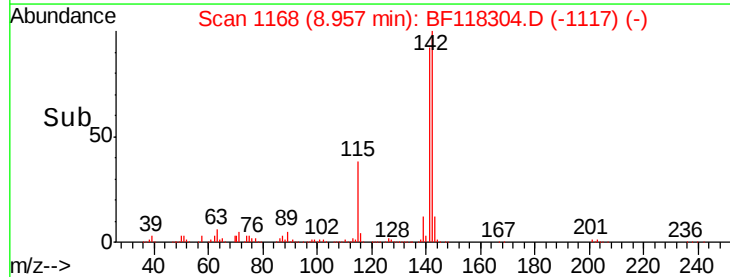
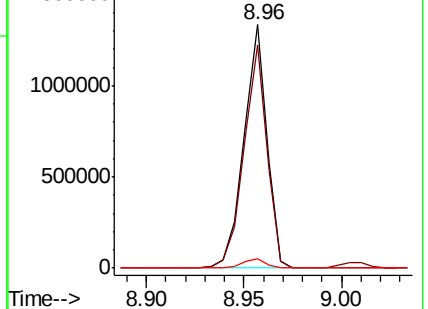
116 3.8 2.9 4.3

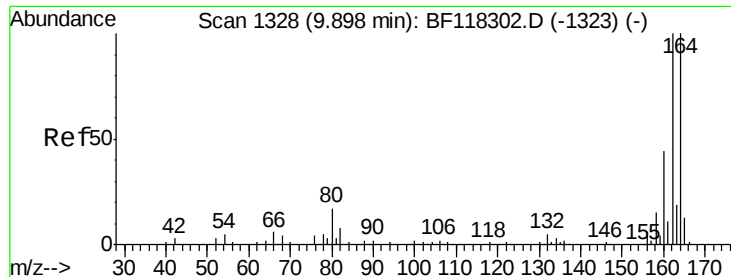


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

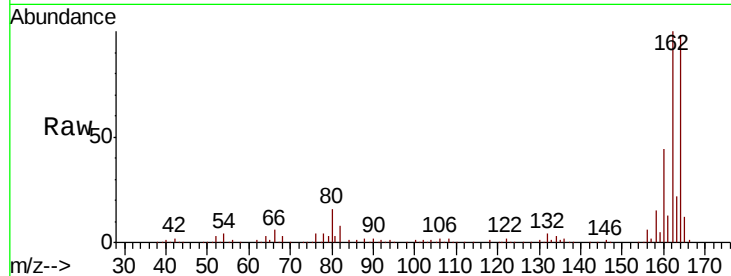




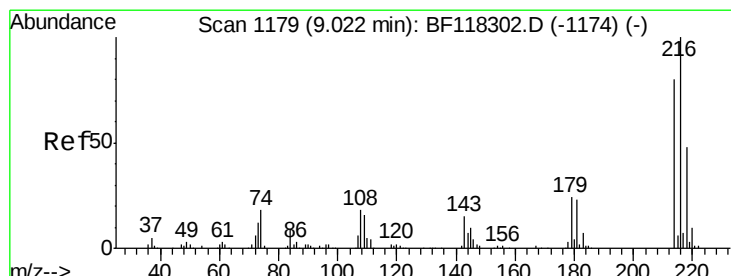
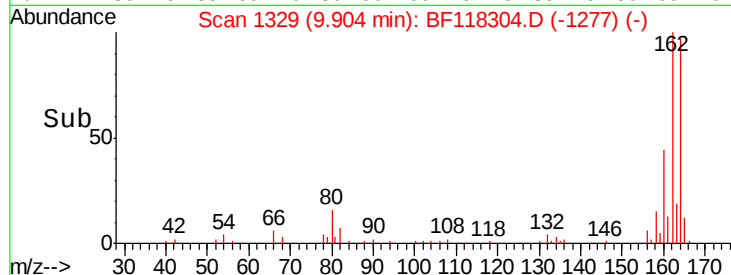
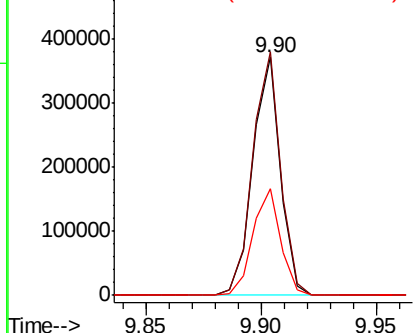
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:164 Resp: 310608  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.0 120.0  
160 44.8 34.8 52.2

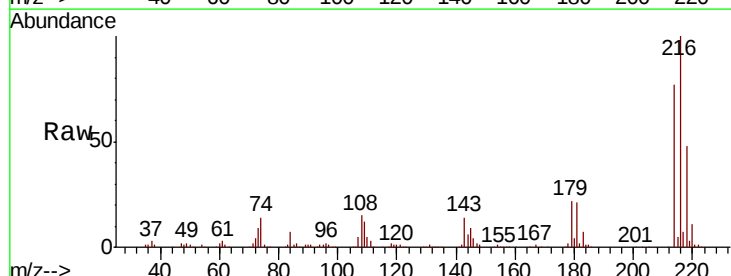


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

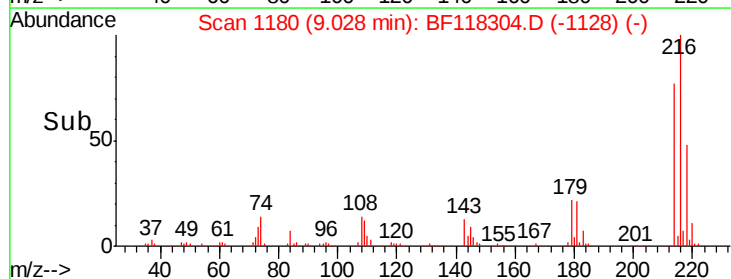
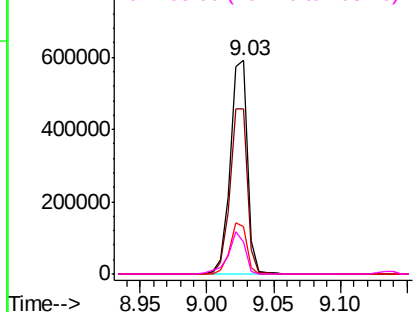


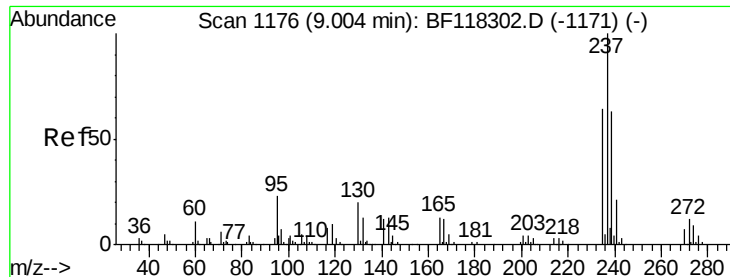
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 57.515 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:216 Resp: 541188  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.3 94.9  
179 23.4 18.9 28.3  
108 19.4 15.0 22.6



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





#41

Hexachlorocyclopentadiene

Concen: 51.930 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

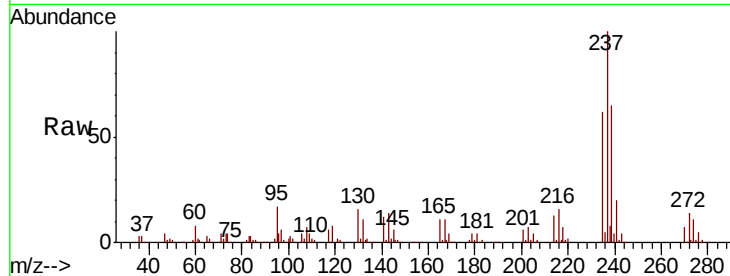
Tot Ion:237 Resp: 218931

Ion Ratio Lower Upper

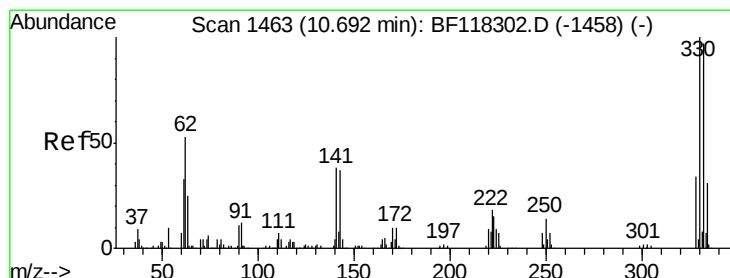
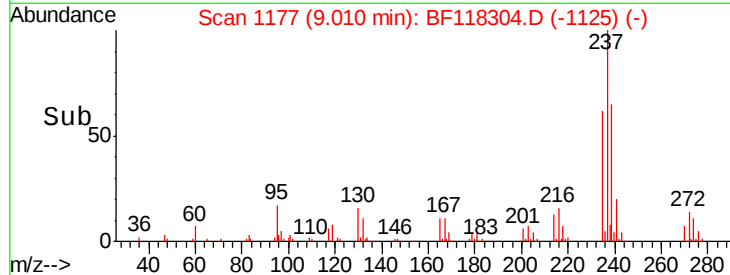
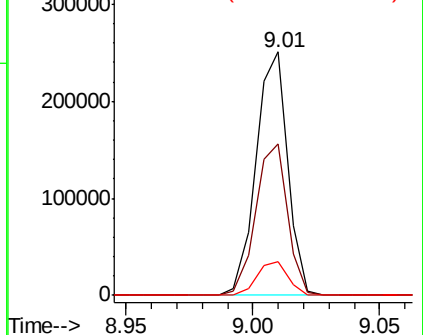
237 100

235 62.0 43.8 83.8

272 13.6 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 115.462 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

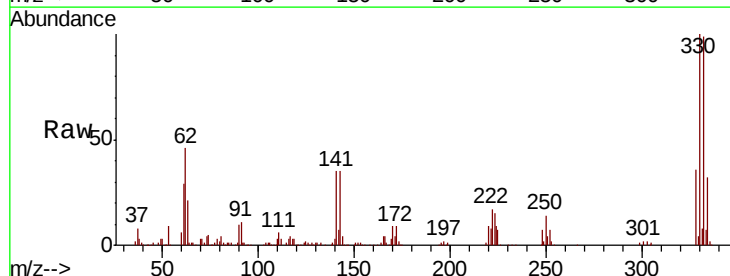
Tgt Ion:330 Resp: 435675

Ion Ratio Lower Upper

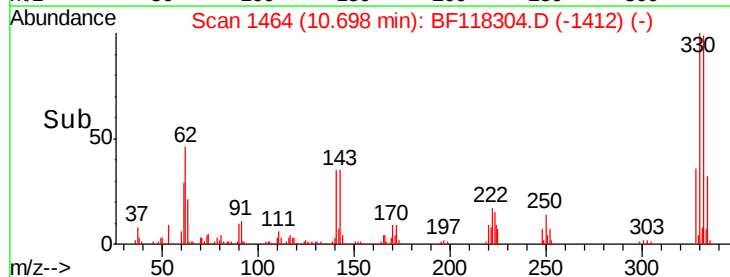
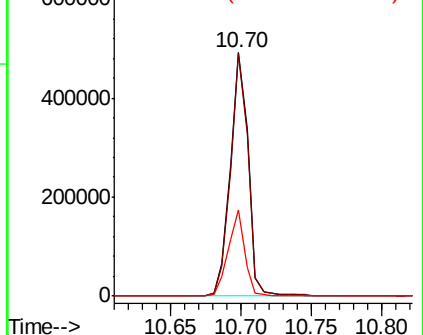
330 100

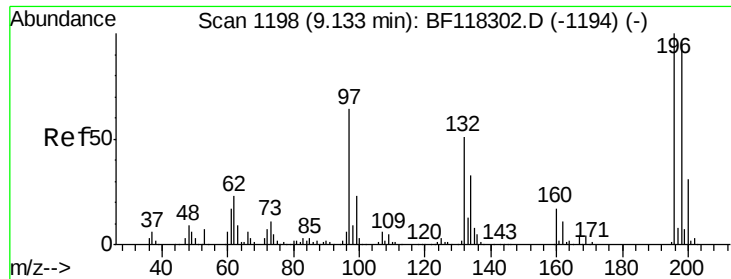
332 98.0 76.6 114.8

141 32.9 26.0 39.0



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

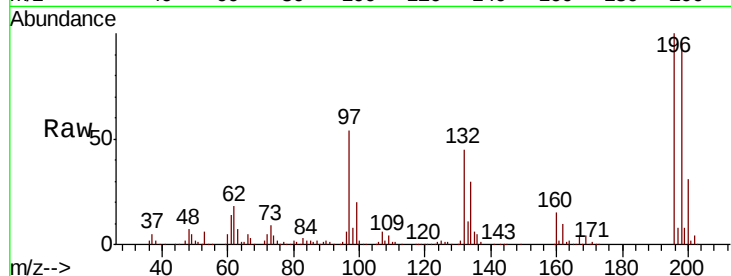




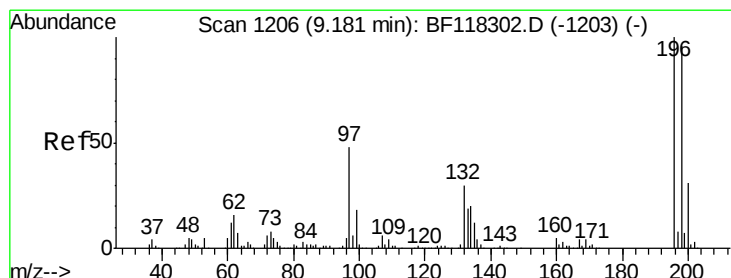
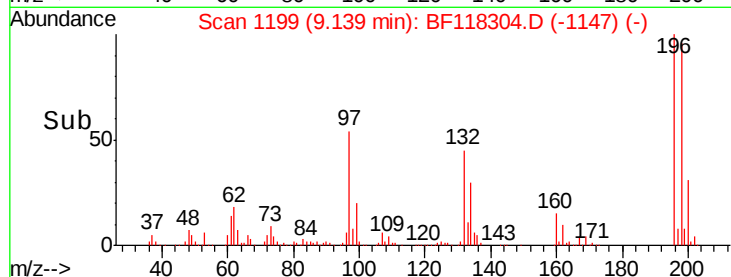
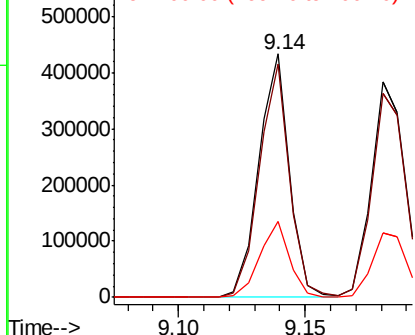
#43  
 2,4,6-Trichlorophenol  
 Concen: 58.037 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF118304.D  
 Acq: 24 Dec 2019 12:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 76.7  | 115.1 |
| 200     | 31.2  | 24.8  | 37.2  |



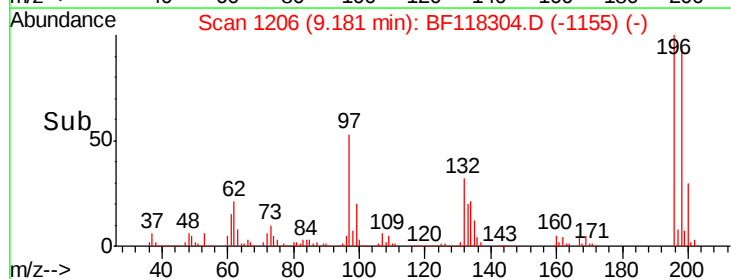
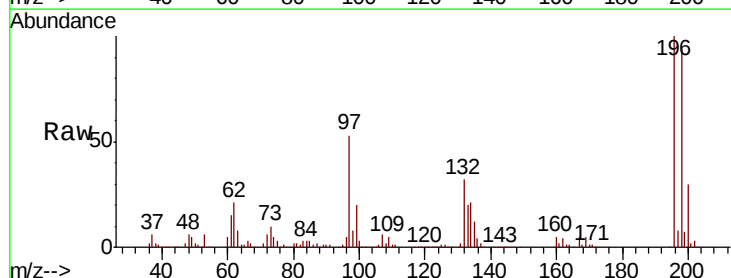
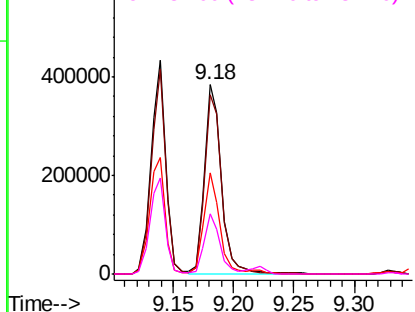
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

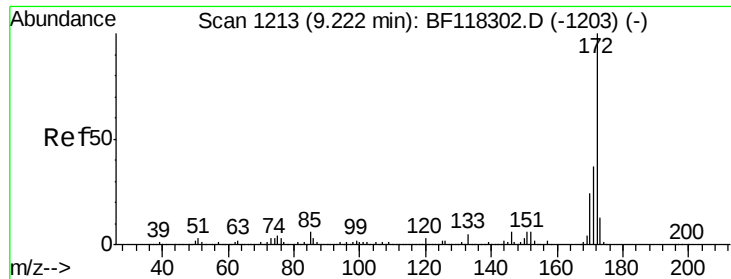


#44  
 2,4,5-Trichlorophenol  
 Concen: 57.655 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.00 min  
 Lab File: BF118304.D  
 Acq: 24 Dec 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.4  | 77.0  | 115.4 |
| 97      | 53.3  | 38.9  | 58.3  |
| 132     | 31.8  | 23.9  | 35.9  |

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

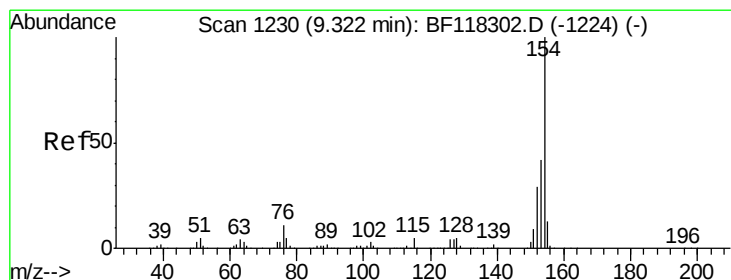
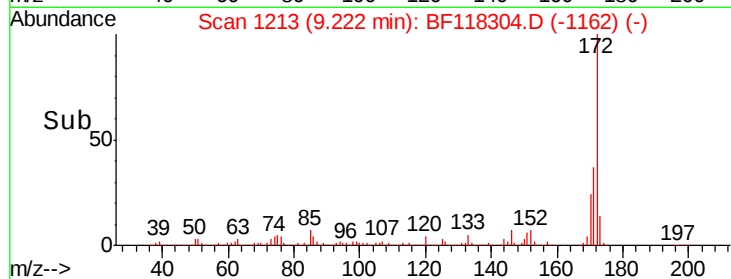
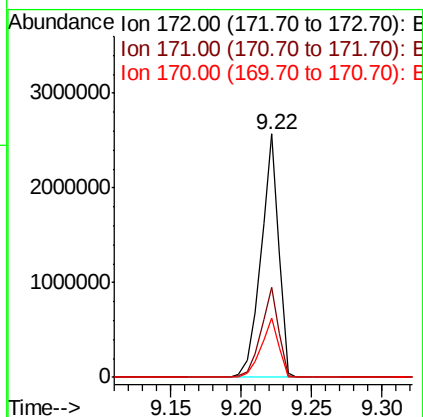
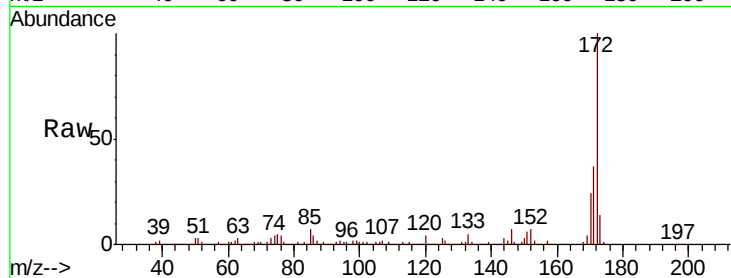




#45  
2-Fluorobiphenyl  
Concen: 111.704 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

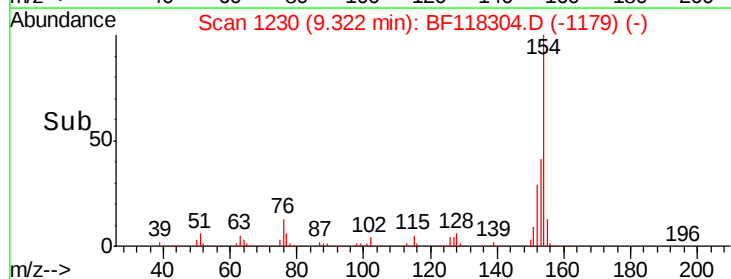
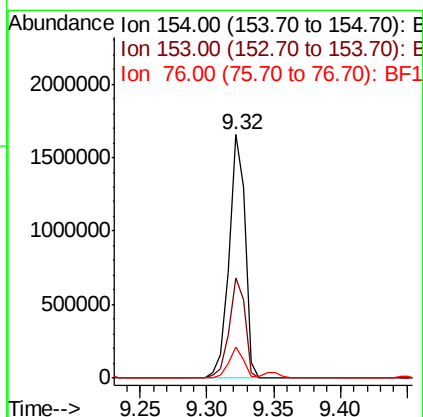
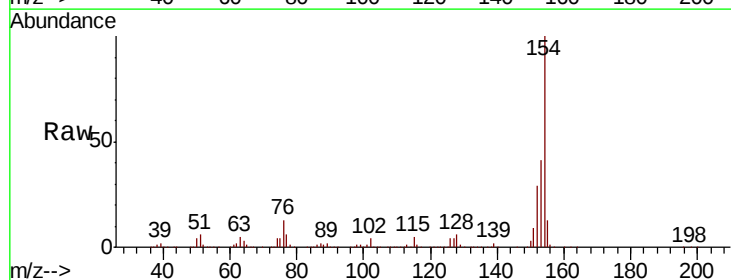
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

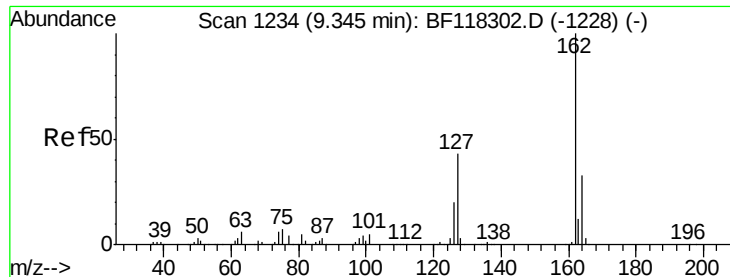
Tot Ion:172 Resp: 2280177  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.3 43.9  
170 24.3 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 57.590 ng  
RT: 9.32 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:154 Resp: 1410796  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.8 61.8  
76 12.8 0.0 30.9

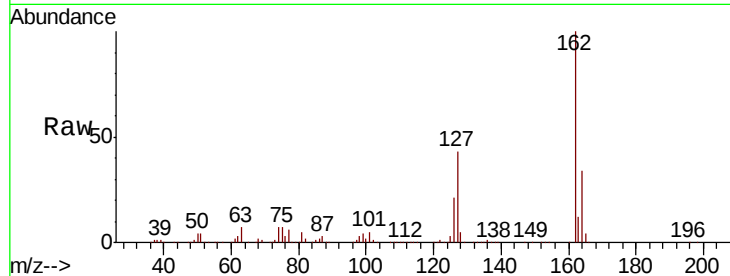




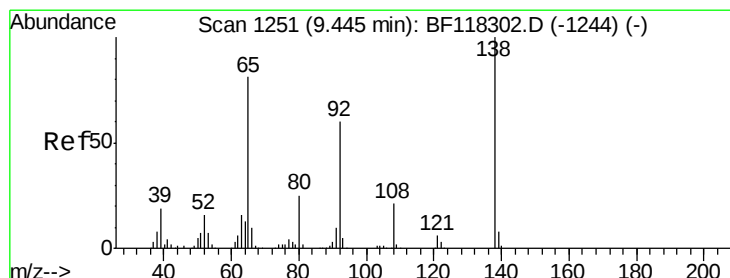
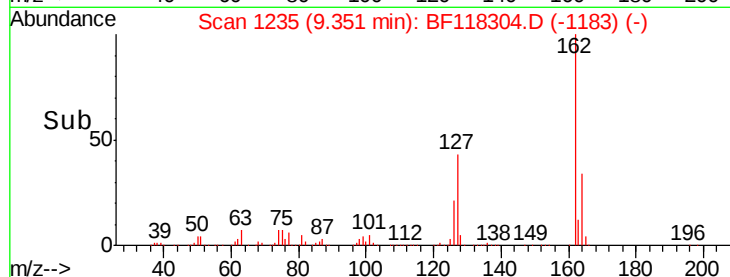
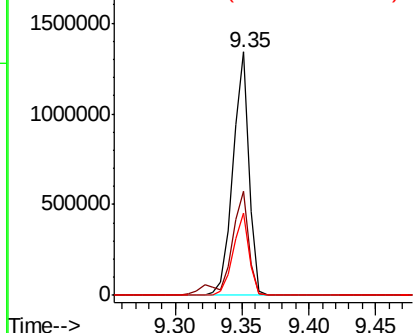
#47  
2-Chloronaphthalene  
Concen: 57.699 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:162 Resp: 1137014  
Ion Ratio Lower Upper  
162 100  
127 42.5 35.0 52.4  
164 33.8 26.6 40.0

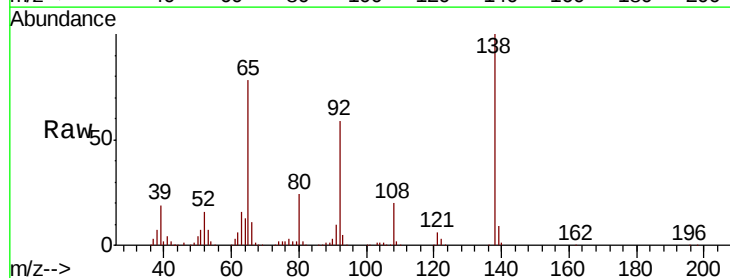


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

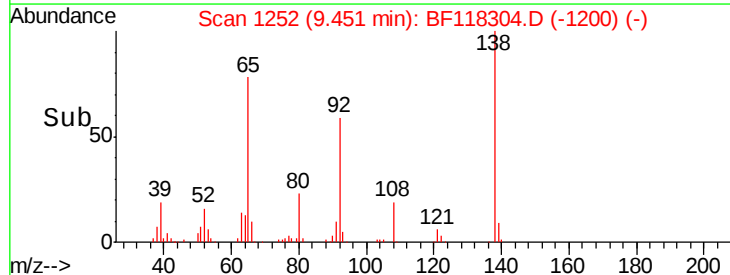
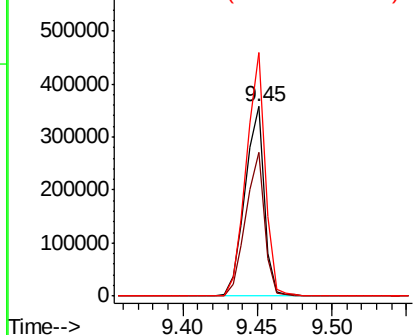


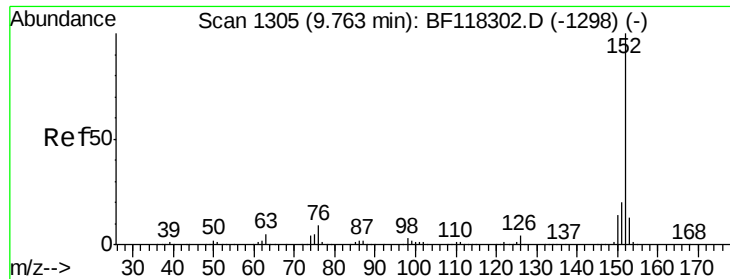
#48  
2-Nitroaniline  
Concen: 57.421 ng  
RT: 9.45 min Scan# 1252  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion: 65 Resp: 322684  
Ion Ratio Lower Upper  
65 100  
92 76.0 58.7 88.1  
138 128.4 98.5 147.7



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: 57.310 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

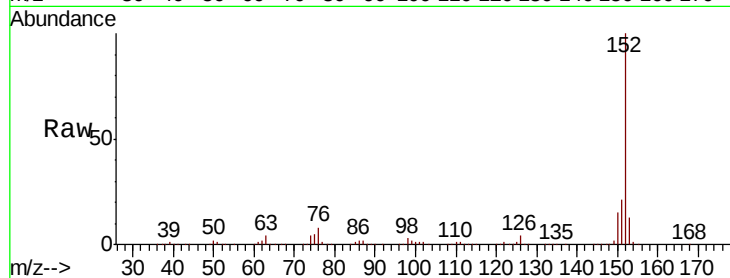
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1665687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.9  | 16.2  | 24.2  |
| 153 | 13.4  | 10.5  | 15.7  |

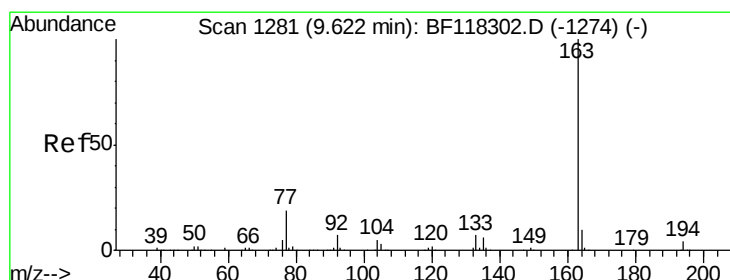
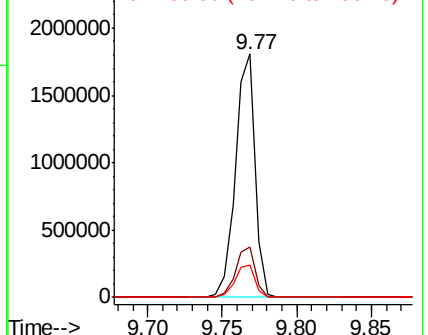
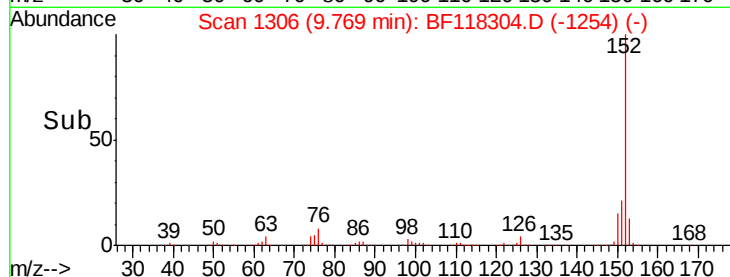


Abundance

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: 58.006 ng

RT: 9.63 min Scan# 1282

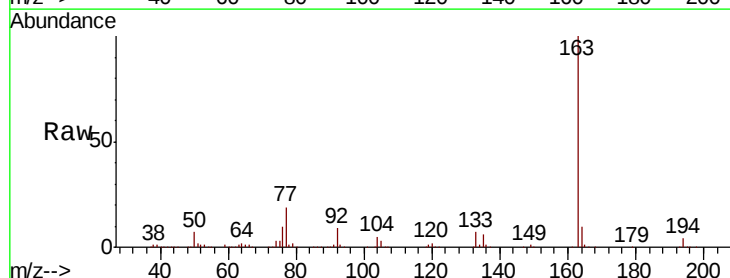
Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:163 Resp: 1330821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.2   | 4.8   |
| 164 | 10.3  | 7.9   | 11.9  |

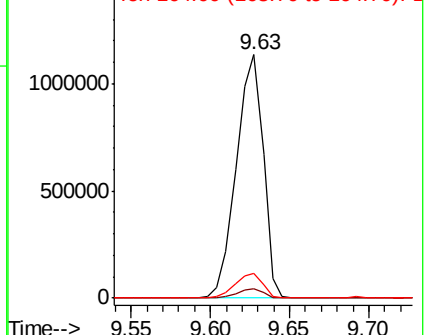
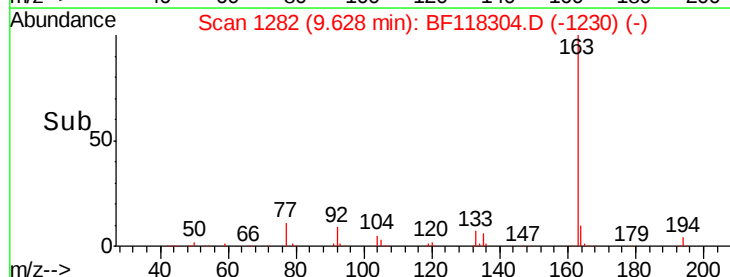


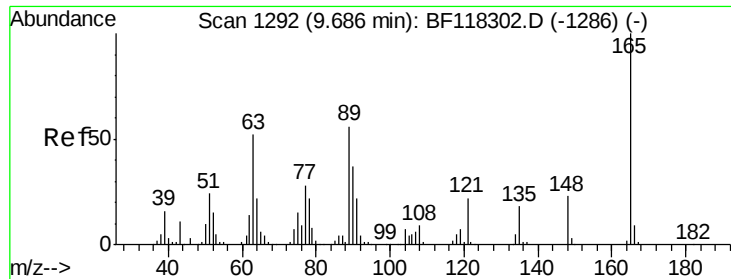
Abundance

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: 57.227 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

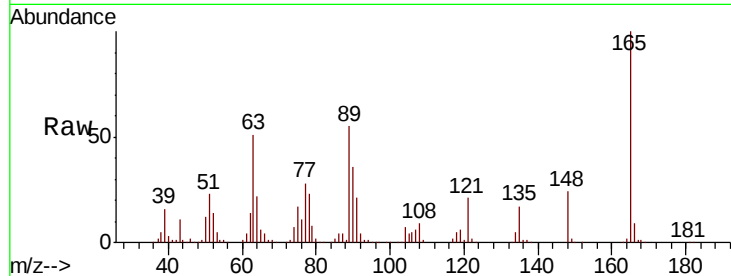
Tot Ion:165 Resp: 285491

Ion Ratio Lower Upper

165 100

63 50.6 42.2 63.4

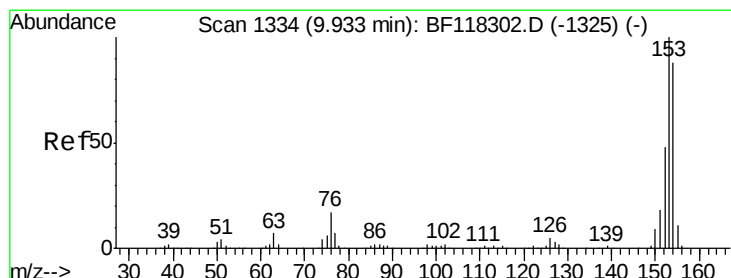
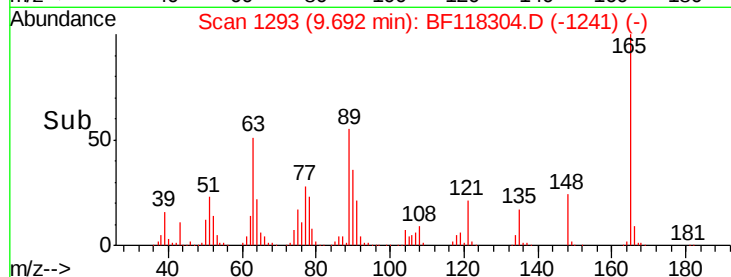
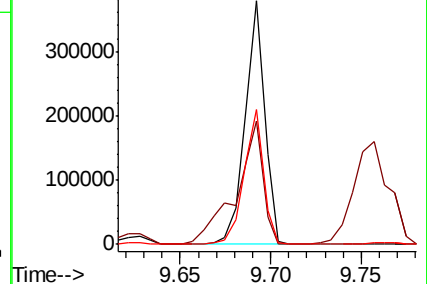
89 55.2 44.4 66.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 57.507 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

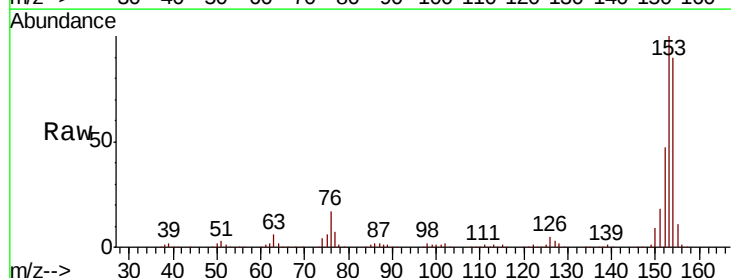
Tgt Ion:154 Resp: 1020189

Ion Ratio Lower Upper

154 100

153 111.0 90.6 136.0

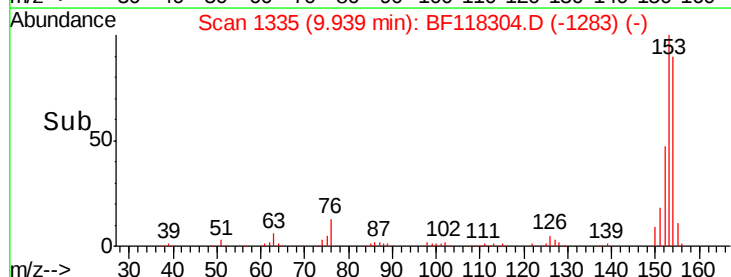
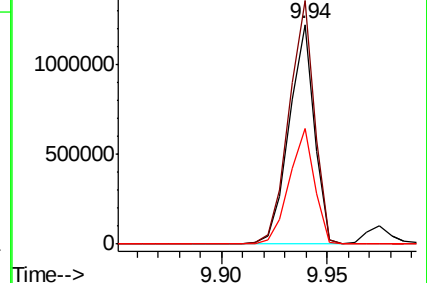
152 52.7 43.1 64.7

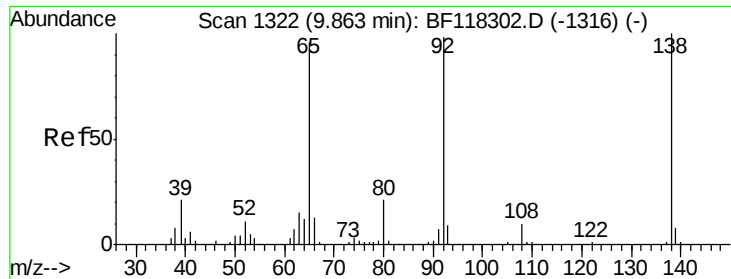


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

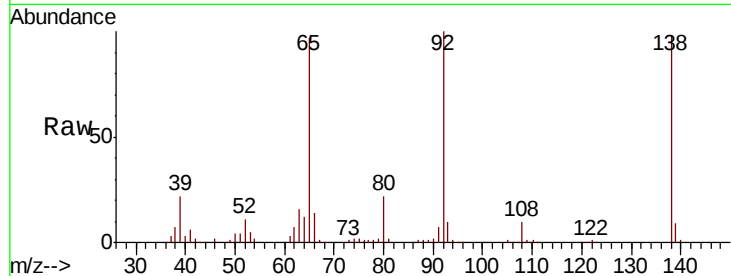




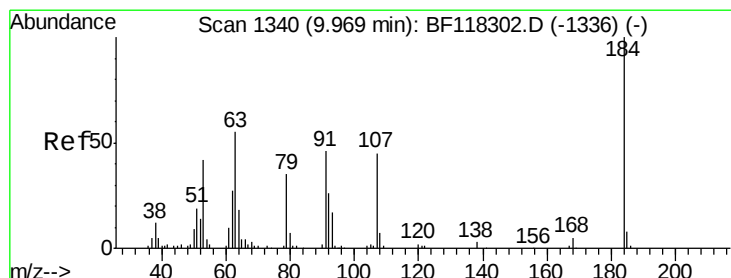
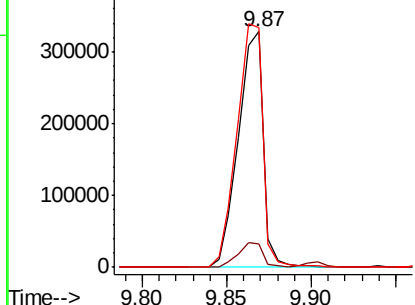
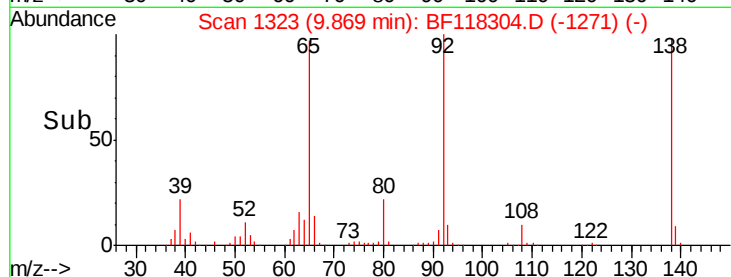
#53  
3-Nitroaniline  
Concen: 57.748 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:138 Resp: 339040  
Ion Ratio Lower Upper  
138 100  
108 9.9 7.8 11.8  
92 101.7 78.2 117.2

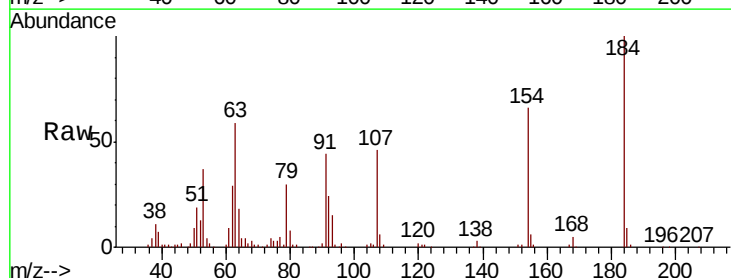


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

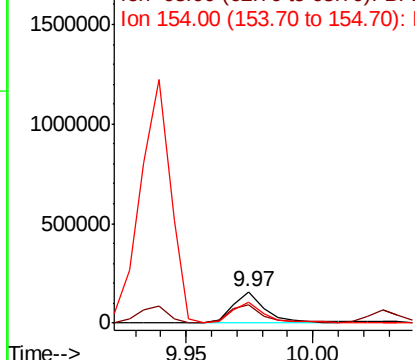
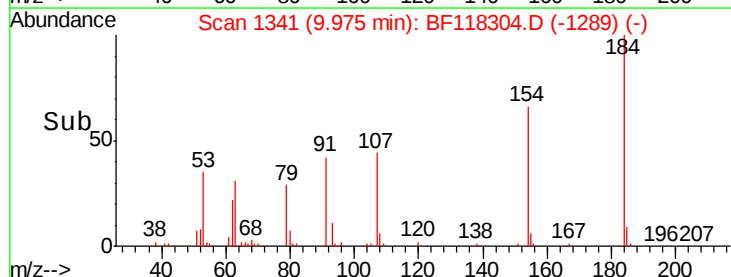


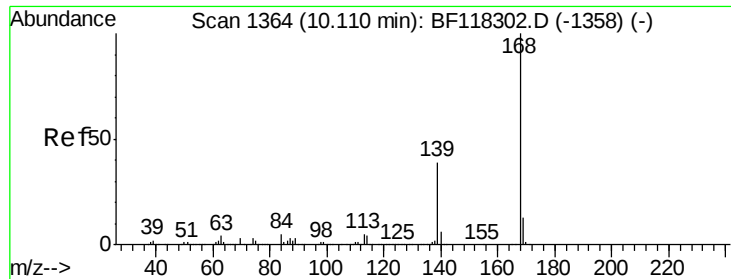
#54  
2,4-Dinitrophenol  
Concen: 56.926 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:184 Resp: 141290  
Ion Ratio Lower Upper  
184 100  
63 59.1 48.8 73.2  
154 65.9 55.0 82.4



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

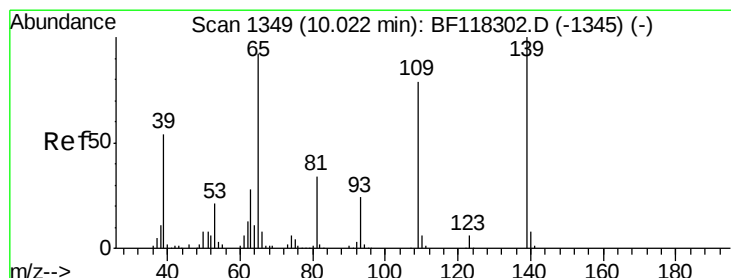
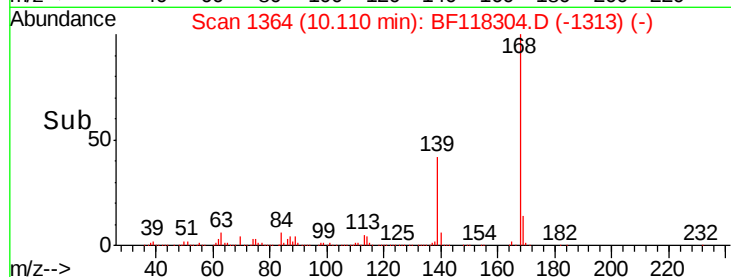
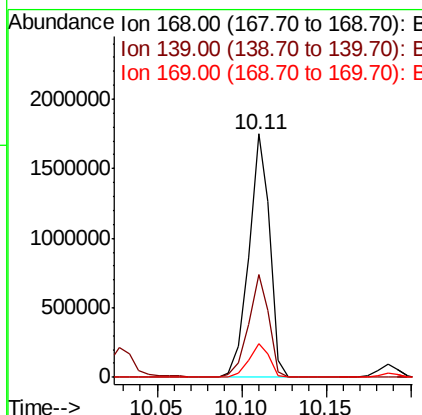
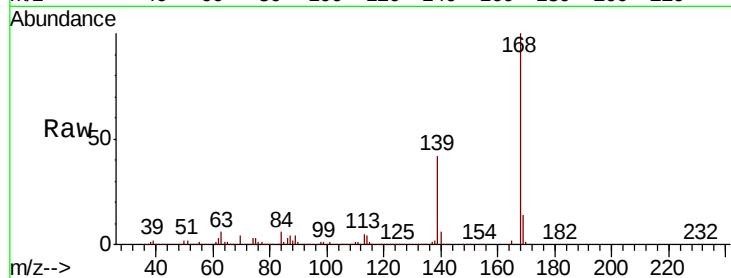




#55  
Dibenzofuran  
Concen: 57.971 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

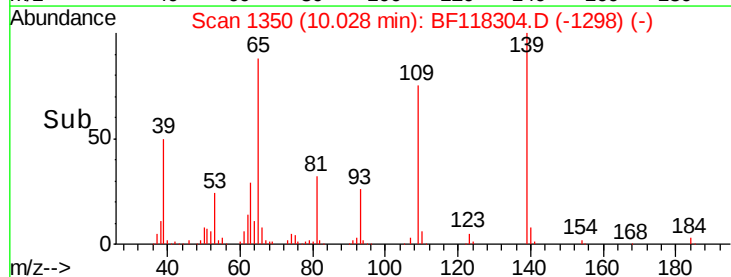
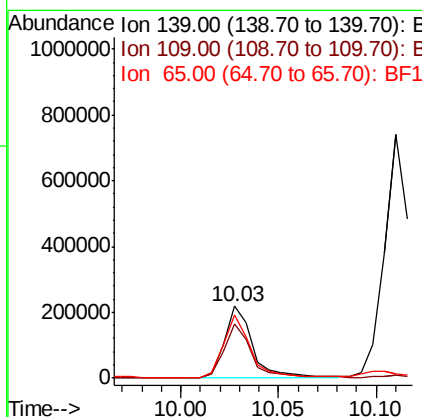
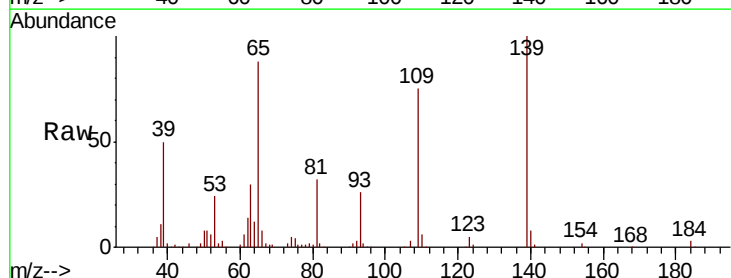
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

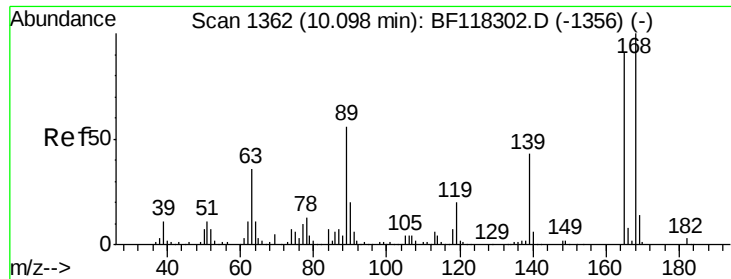
Tot Ion:168 Resp: 1506917  
Ion Ratio Lower Upper  
168 100  
139 42.3 31.5 47.3  
169 13.8 10.4 15.6



#56  
4-Nitrophenol  
Concen: 54.362 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:139 Resp: 221493  
Ion Ratio Lower Upper  
139 100  
109 75.1 59.3 99.3  
65 88.5 72.4 112.4

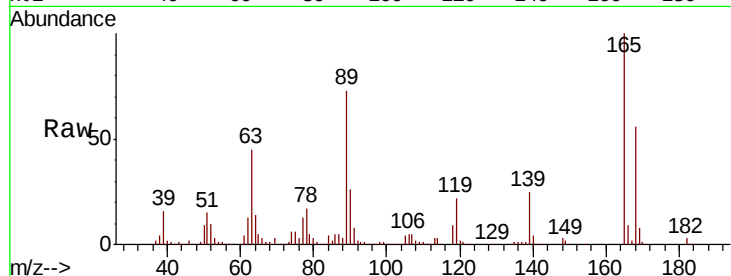




#57  
2,4-Dinitrotoluene  
Concen: 59.163 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.9  | 32.0  | 48.0  |
| 89      | 72.7  | 49.3  | 73.9  |
| 182     | 2.9   | 2.4   | 3.6   |



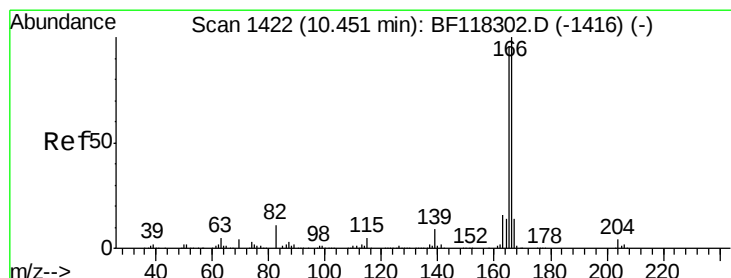
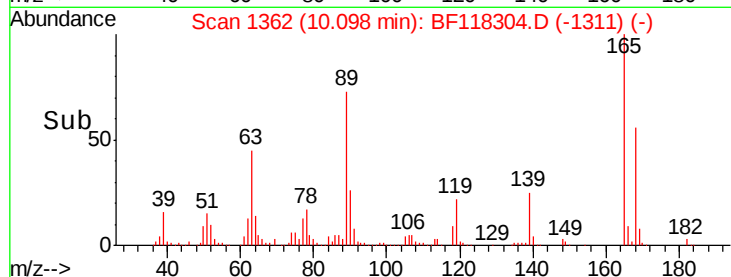
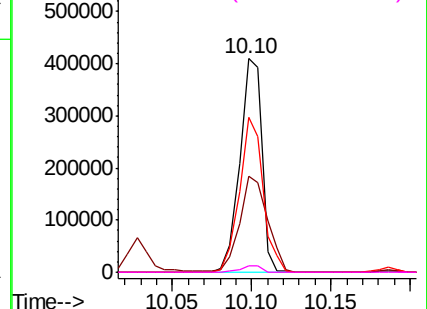
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

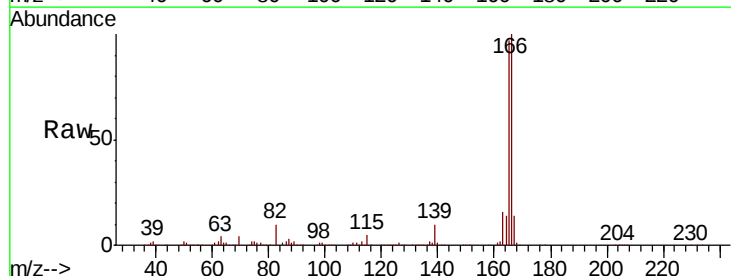
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 57.703 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.3  | 77.0  | 115.4 |
| 167     | 13.7  | 10.9  | 16.3  |

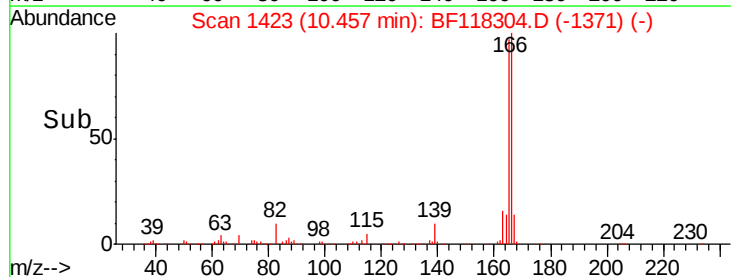
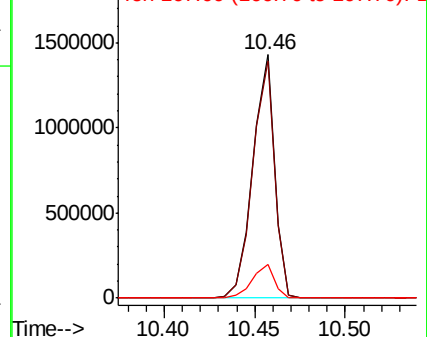


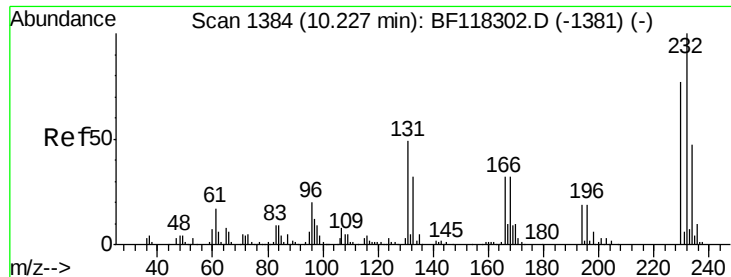
Abundance

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: 59.111 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:232 Resp: 317424

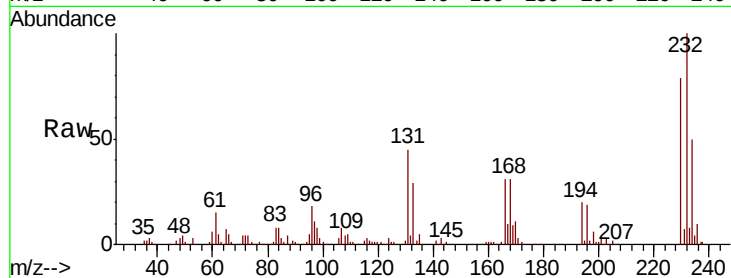
Ion Ratio Lower Upper

232 100

131 48.2 37.7 56.5

130 2.5 2.0 3.0

166 32.0 24.7 37.1

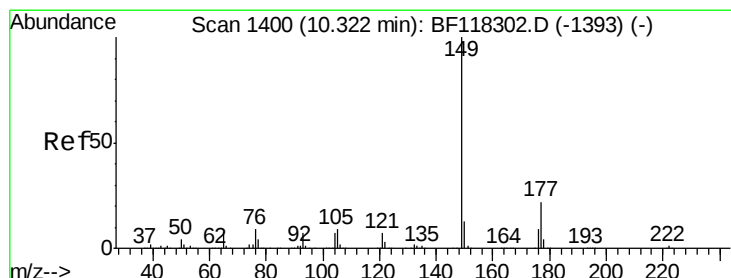
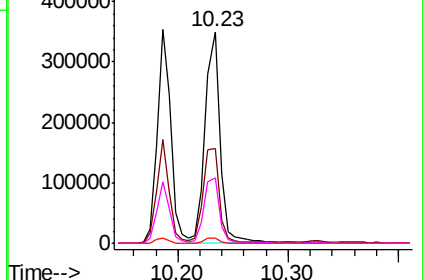
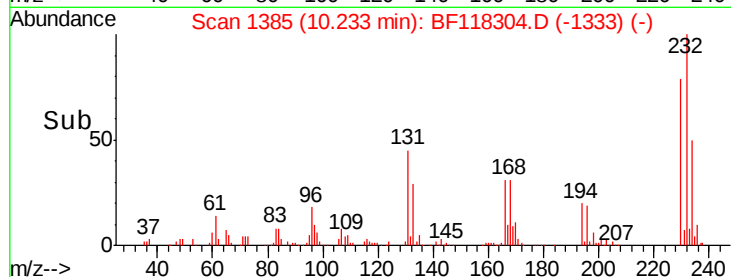


Abundance Ion 232.00 (231.70 to 232.70): E

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: 57.898 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

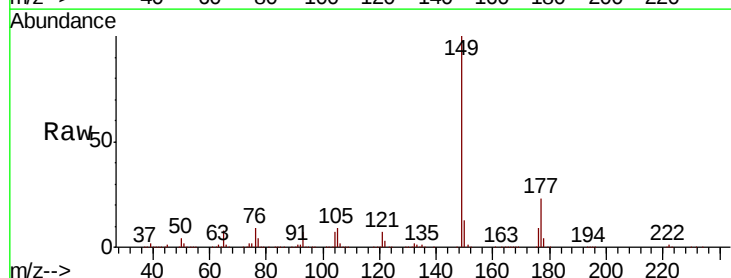
Tgt Ion:149 Resp: 1308764

Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

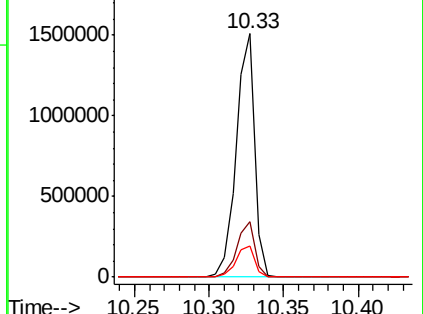
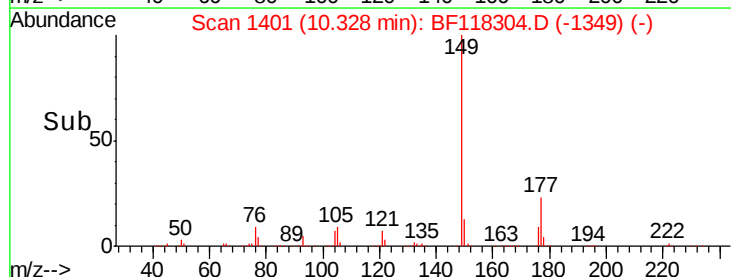
150 12.8 10.2 15.2

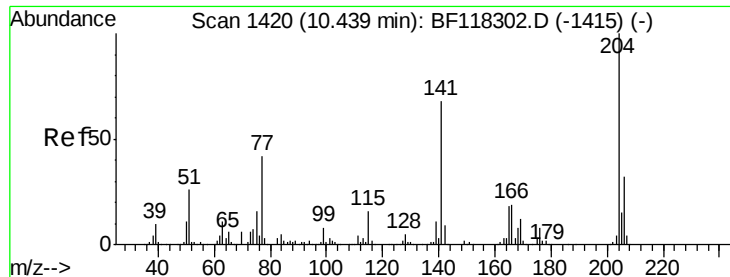


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

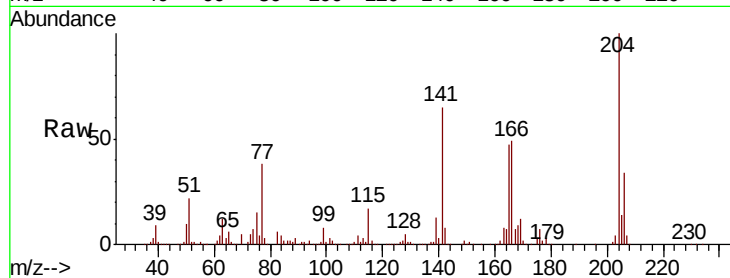




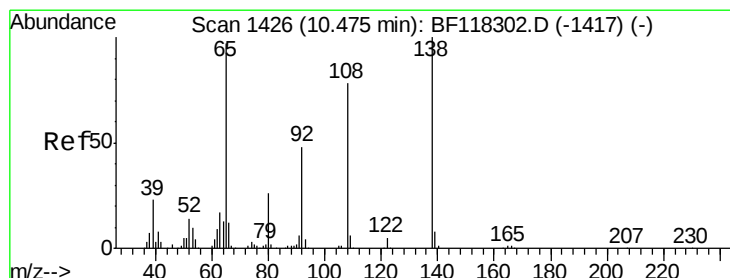
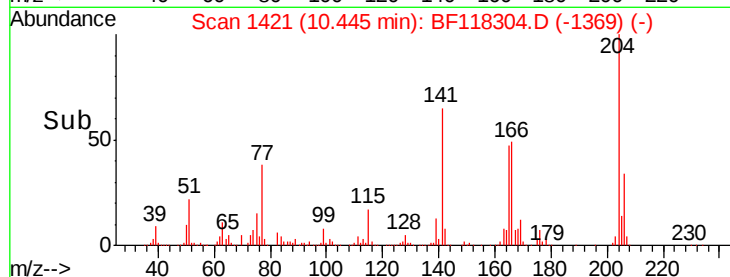
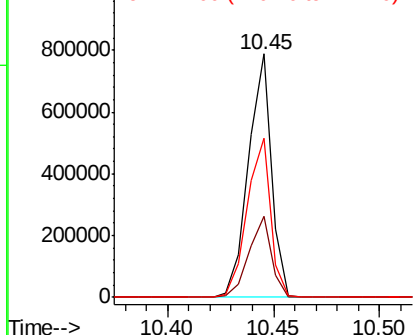
#61  
4-Chlorophenyl-phenylether  
Concen: 57.699 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:204 Resp: 599721  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.8 38.8  
141 65.5 54.2 81.4

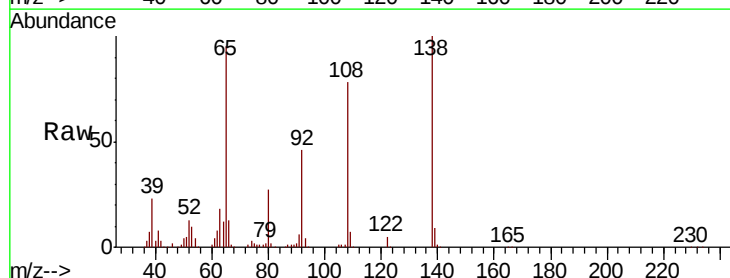


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

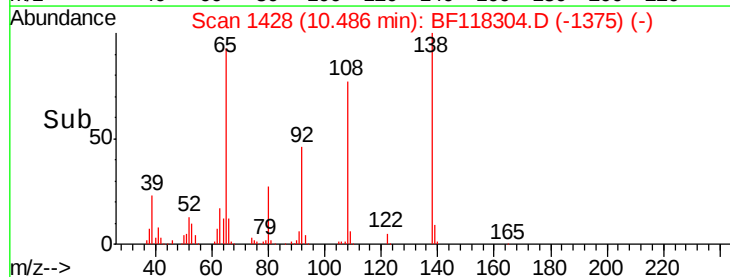
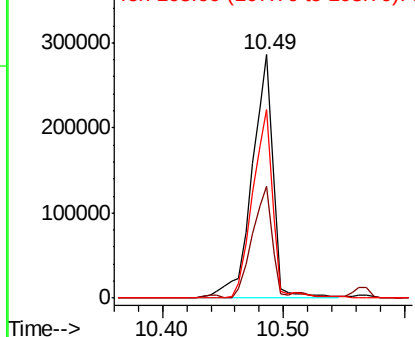


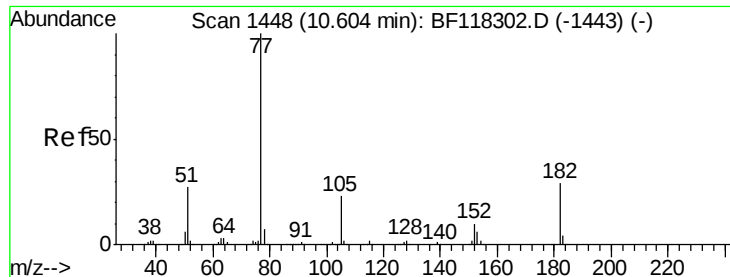
#62  
4-Nitroaniline  
Concen: 57.146 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:138 Resp: 349917  
Ion Ratio Lower Upper  
138 100  
92 46.0 27.9 67.9  
108 77.6 58.1 98.1



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



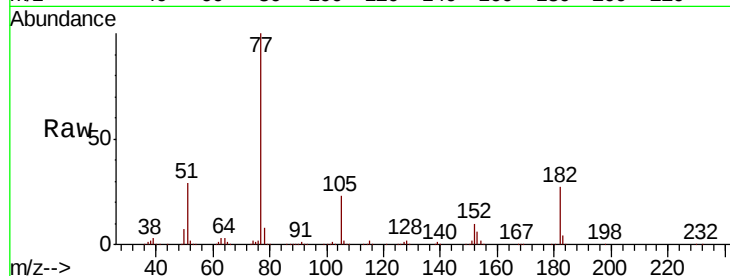


#63  
Azobenzene  
Concen: 58.285 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

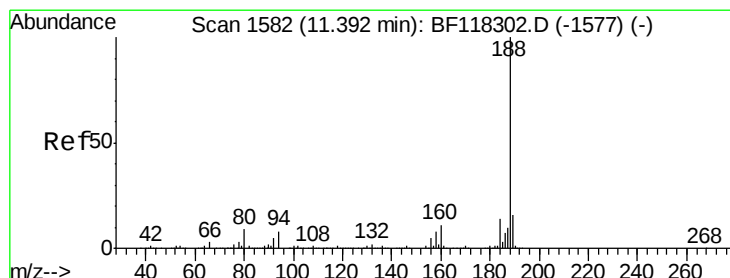
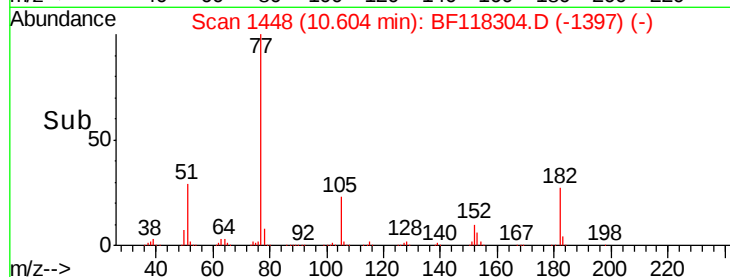
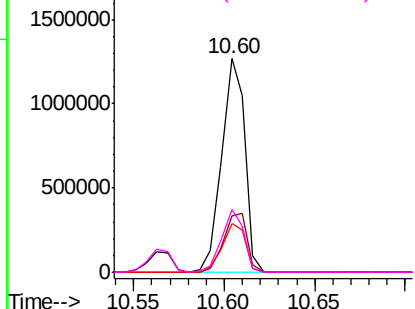
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion: 77 Resp: 1124709

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.6  | 9.2   | 49.2  |
| 105 | 22.8  | 3.2   | 43.2  |
| 51  | 29.5  | 7.1   | 47.1  |



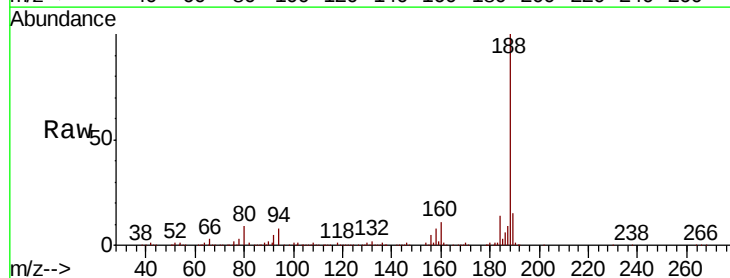
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1



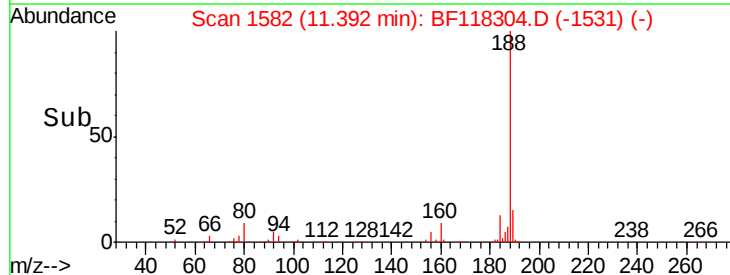
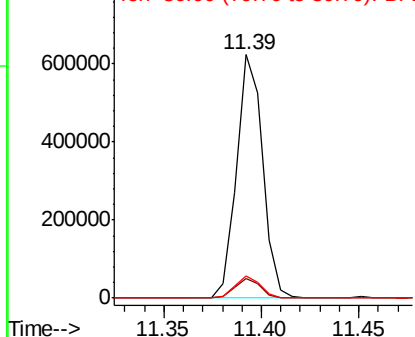
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

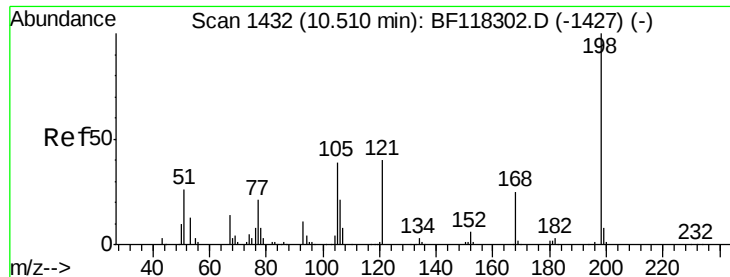
Tgt Ion: 188 Resp: 576623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.2   | 6.7   | 10.1  |
| 80  | 9.3   | 7.2   | 10.8  |



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: 59.599 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

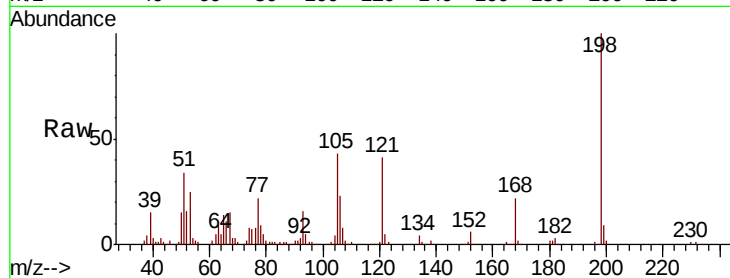
Tot Ion:198 Resp: 189790

Ion Ratio Lower Upper

198 100

51 34.0 12.8 52.8

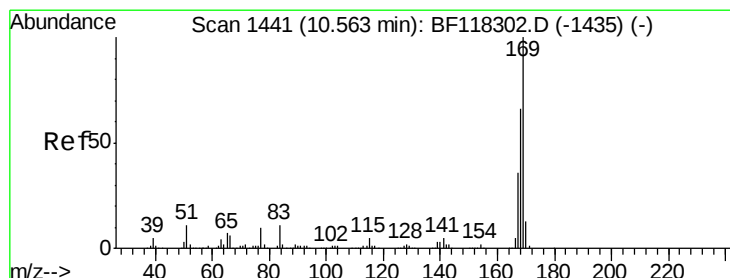
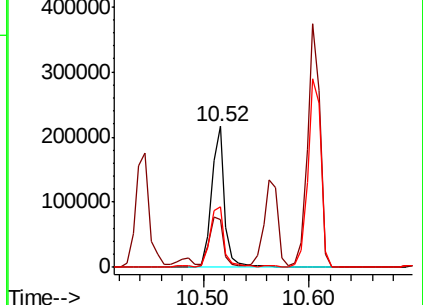
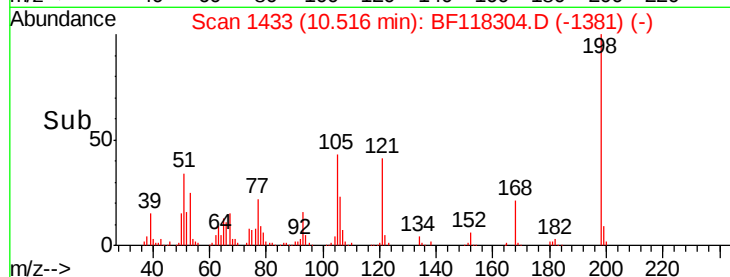
105 42.7 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.209 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

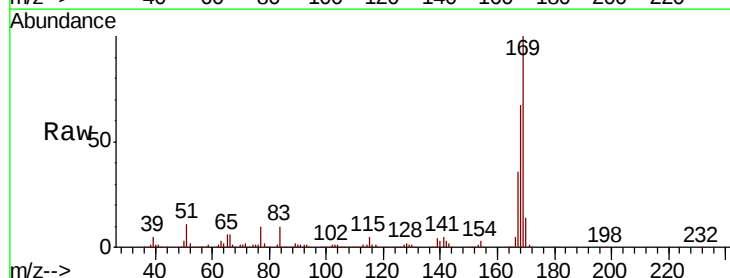
Tgt Ion:169 Resp: 1048162

Ion Ratio Lower Upper

169 100

168 67.0 52.6 79.0

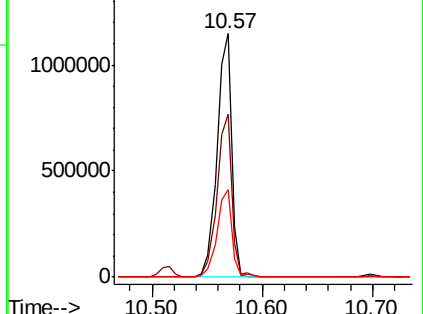
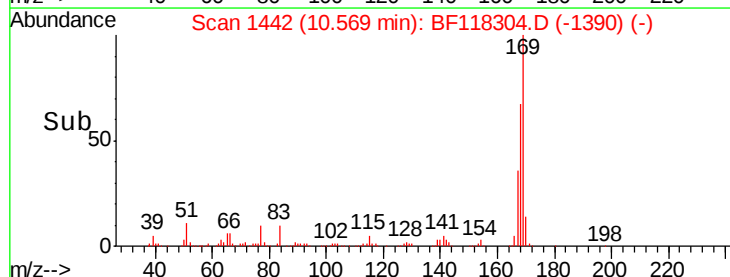
167 36.1 28.4 42.6

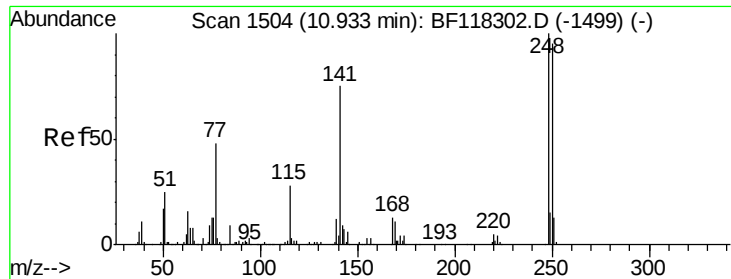


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

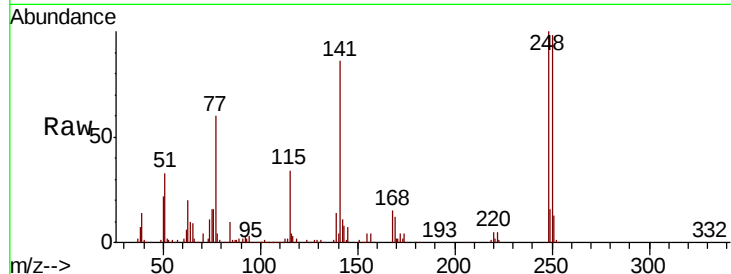




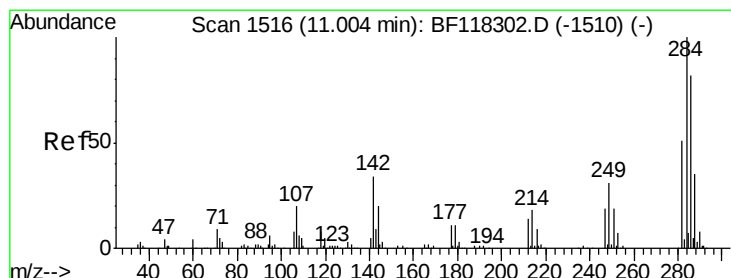
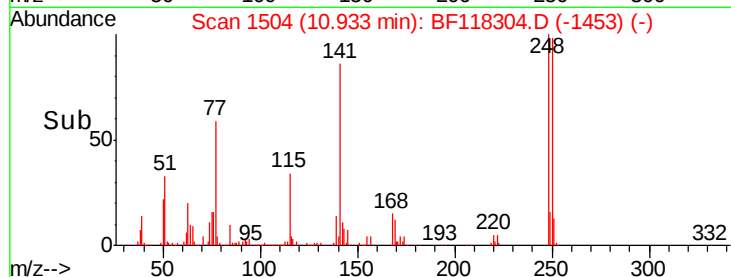
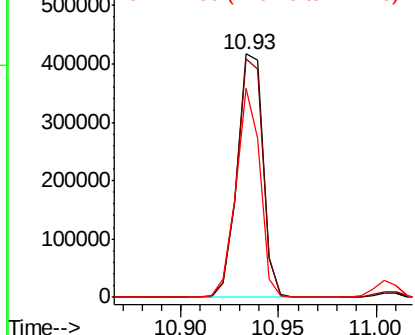
#67  
4-Bromophenyl-phenylether  
Concen: 58.351 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:248 Resp: 384084  
Ion Ratio Lower Upper  
248 100  
250 97.9 76.4 114.6  
141 86.0 60.2 90.2

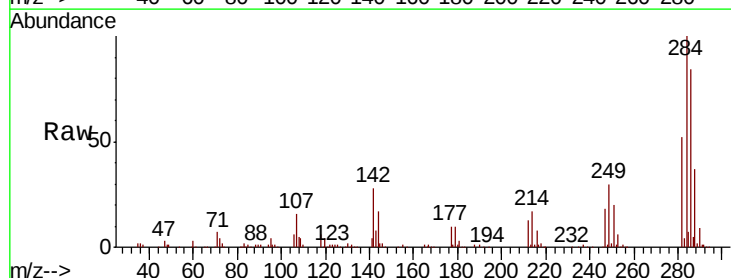


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

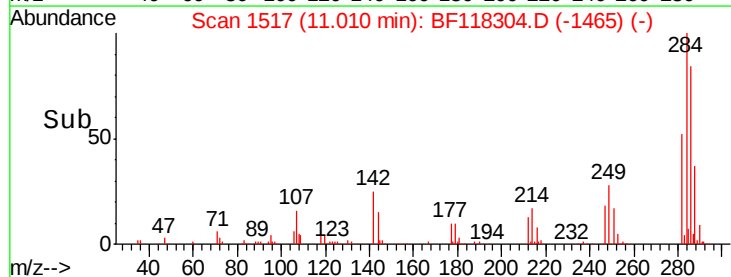
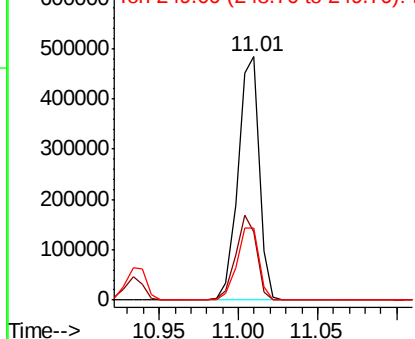


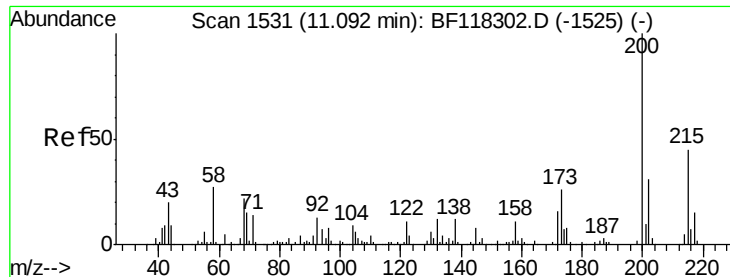
#68  
Hexachlorobenzene  
Concen: 57.773 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:284 Resp: 447594  
Ion Ratio Lower Upper  
284 100  
142 27.9 27.3 40.9  
249 29.6 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

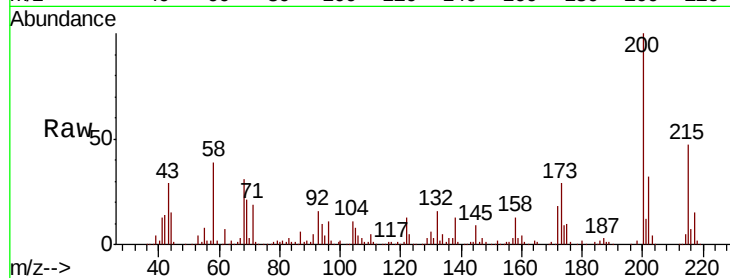




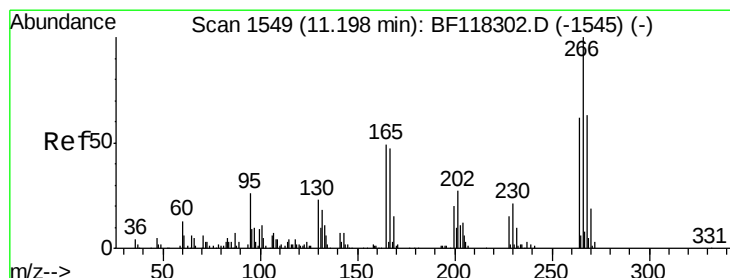
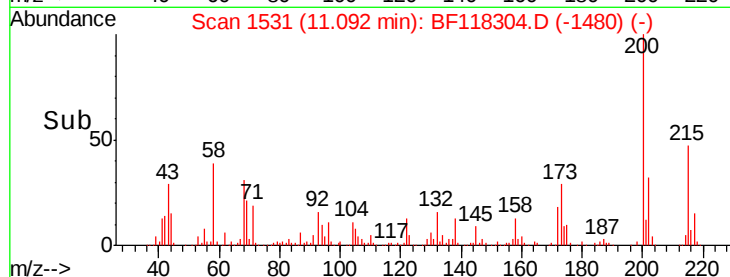
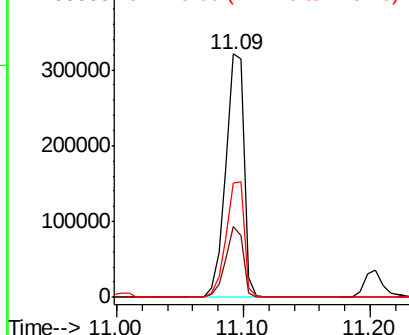
#69  
Atrazine  
Concen: 70.440 ng  
RT: 11.09 min Scan# 1531  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.3  | 5.8   | 45.8  |
| 215     | 46.8  | 25.1  | 65.1  |

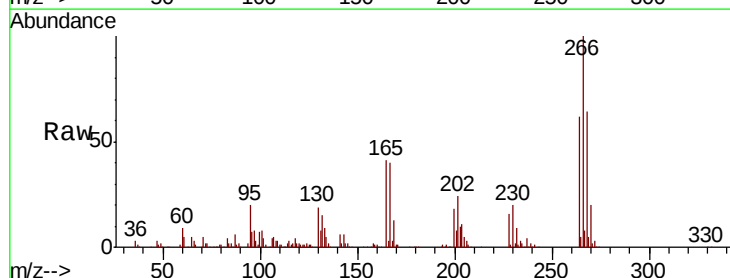


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

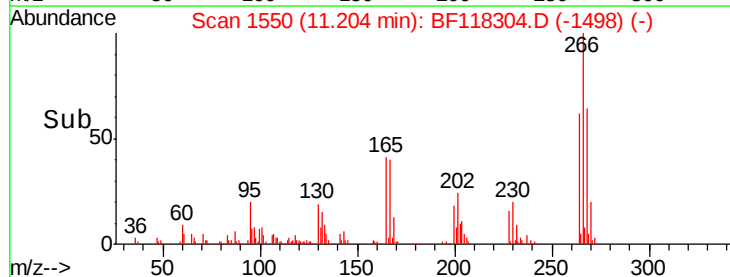
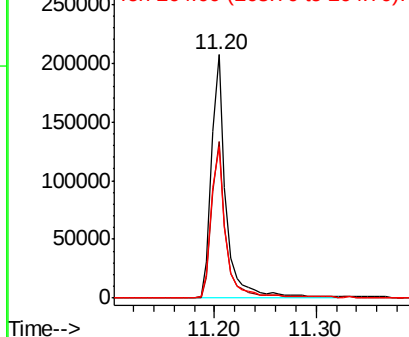


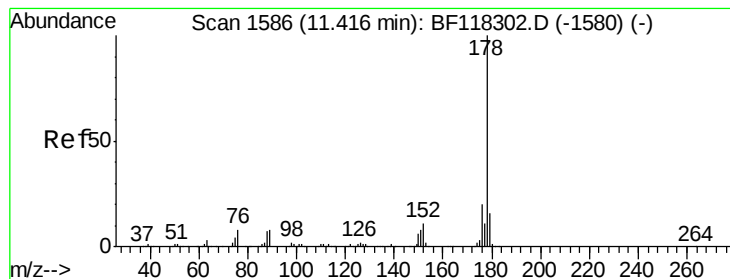
#70  
Pentachlorophenol  
Concen: 57.093 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 50.6  | 76.0  |
| 264     | 62.1  | 49.9  | 74.9  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 57.913 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

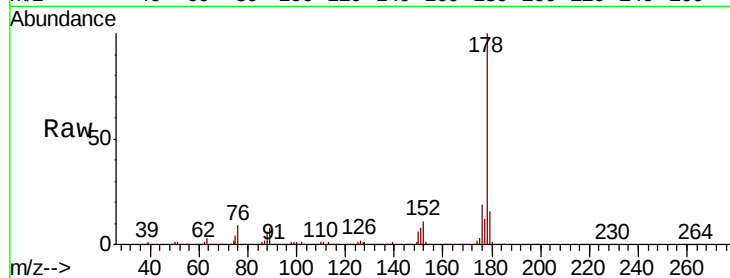
Tot Ion:178 Resp: 1775173

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

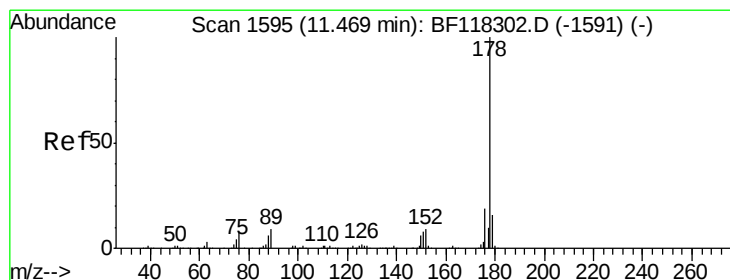
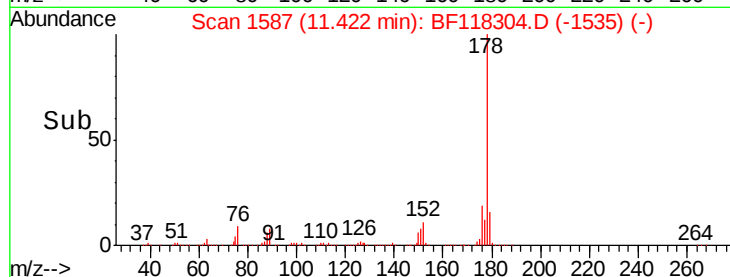
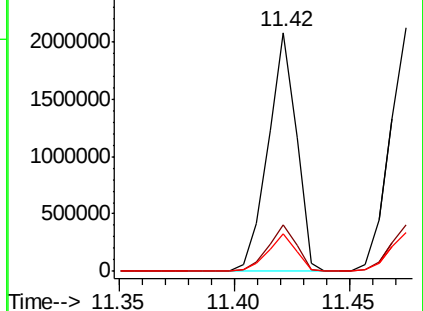
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.636 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

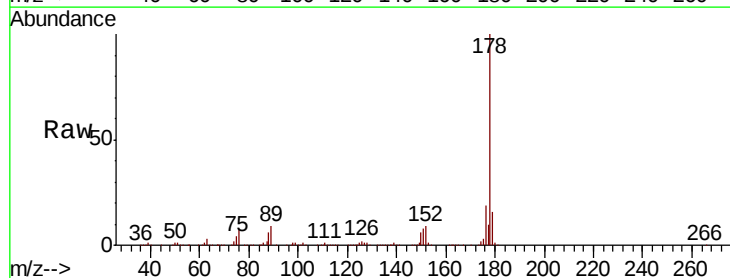
Tgt Ion:178 Resp: 1762399

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

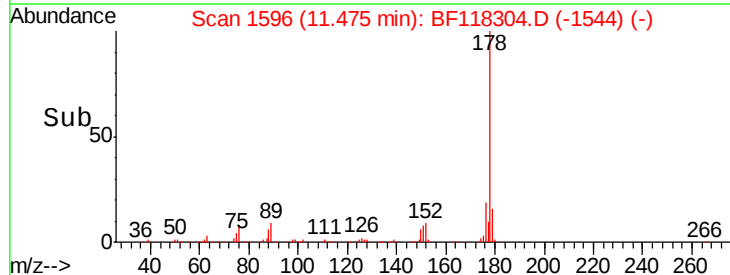
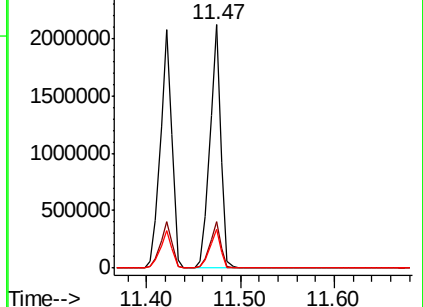
179 15.7 12.9 19.3

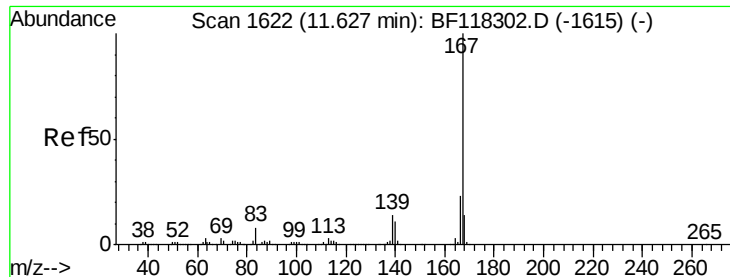


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 57.469 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

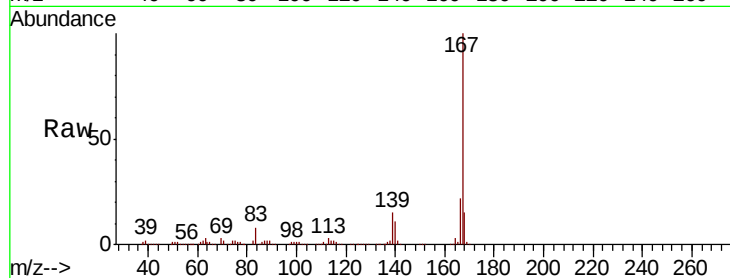
Tot Ion:167 Resp: 1576678

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

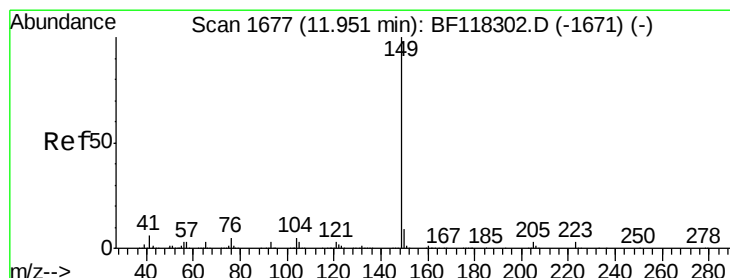
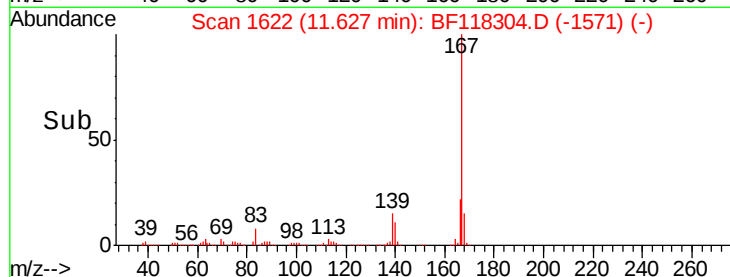
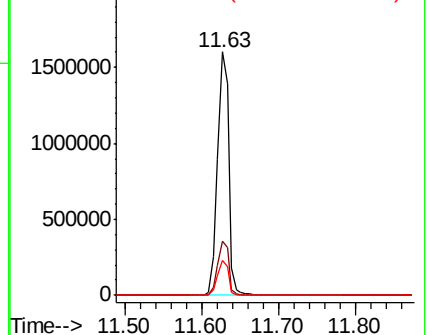
139 14.6 11.5 17.3



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: 58.113 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

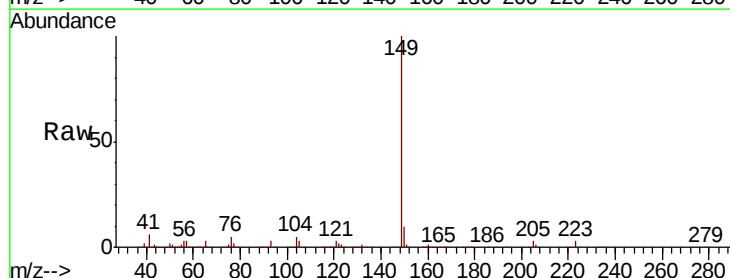
Tgt Ion:149 Resp: 1995368

Ion Ratio Lower Upper

149 100

150 9.9 7.5 11.3

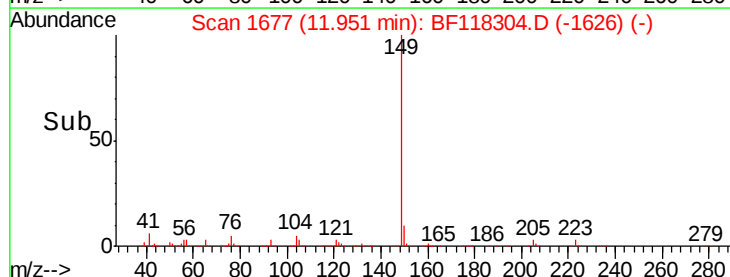
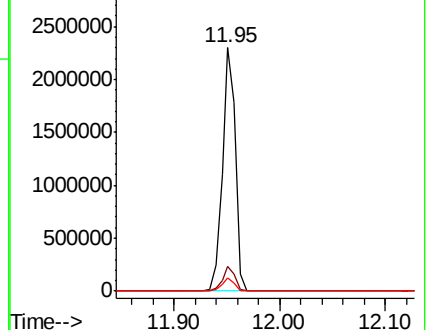
104 5.4 4.0 6.0

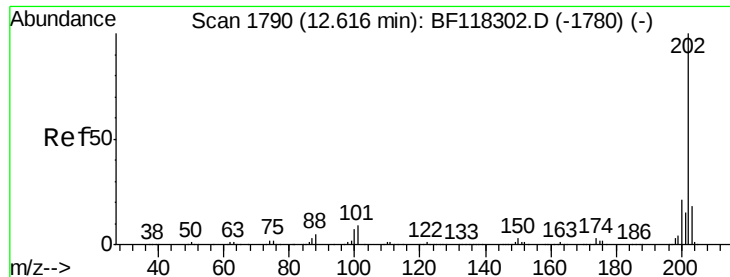


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.551 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

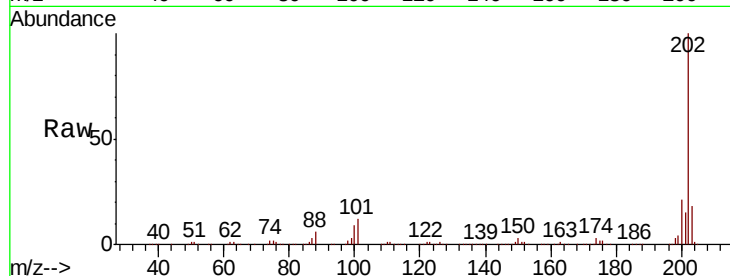
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 1772282

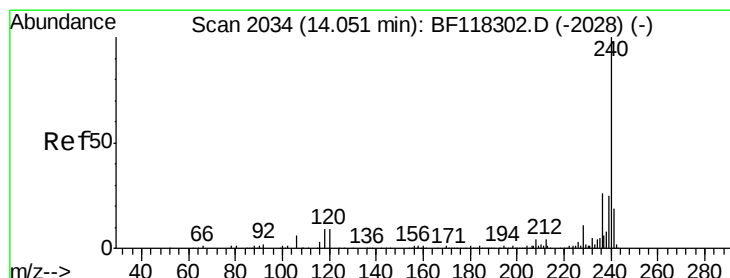
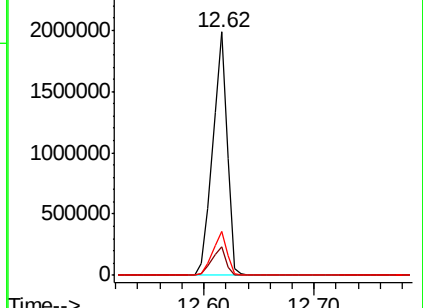
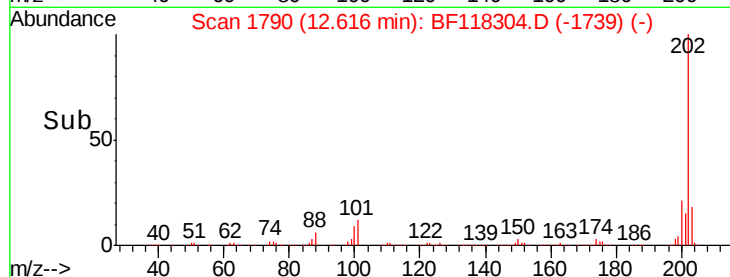
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.7  | 0.0   | 29.5  |
| 203 | 18.3  | 0.0   | 37.6  |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

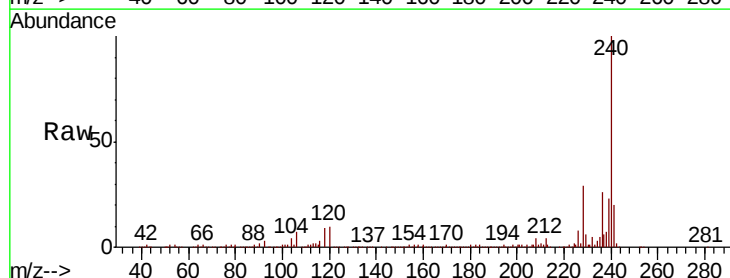
Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Tgt Ion:240 Resp: 372247

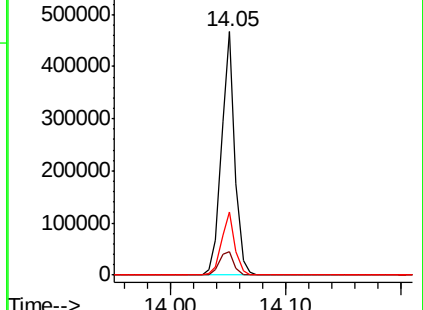
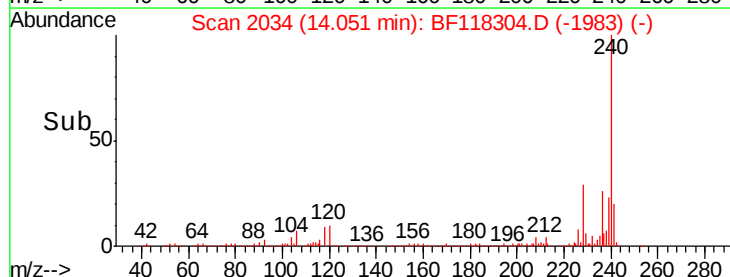
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.9   | 7.1   | 10.7  |
| 236 | 26.1  | 21.0  | 31.6  |

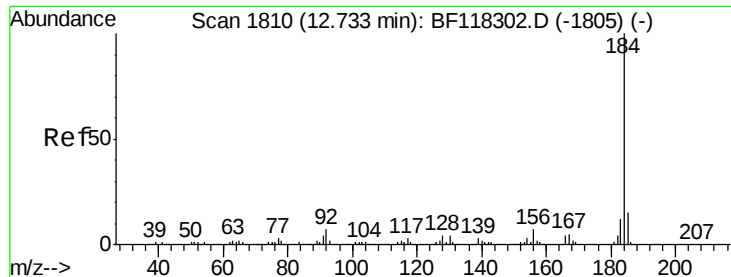


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.452 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

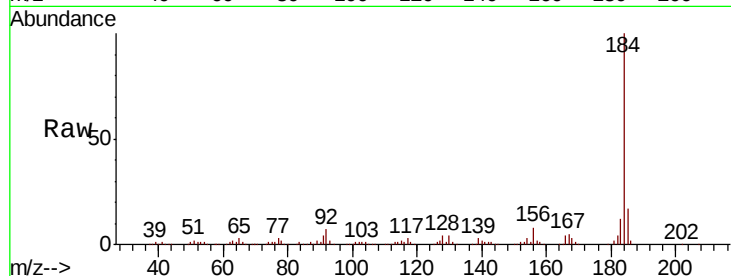
Tot Ion:184 Resp: 484598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 17.1  | 12.3  | 18.5  |
| 183 | 12.2  | 9.4   | 14.2  |

184 100

185 17.1 12.3 18.5

183 12.2 9.4 14.2

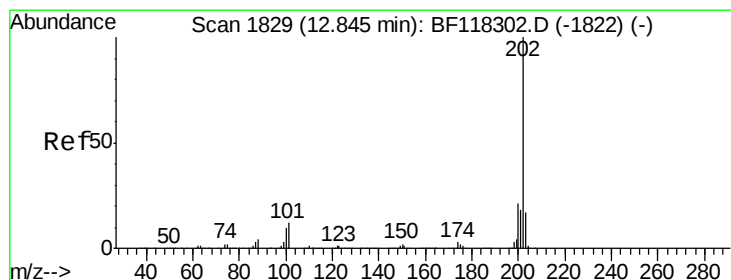
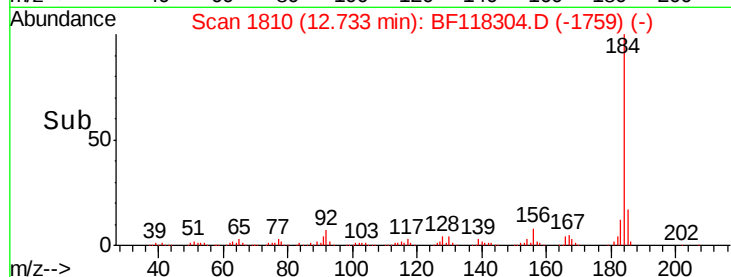
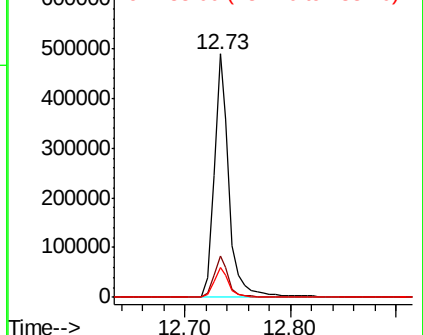


Abundance

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: 60.973 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

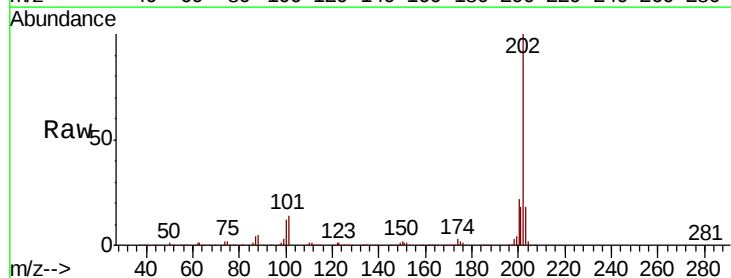
Tgt Ion:202 Resp: 1788613

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.1  | 16.8  | 25.2  |
| 203 | 18.3  | 13.9  | 20.9  |

202 100

200 22.1 16.8 25.2

203 18.3 13.9 20.9

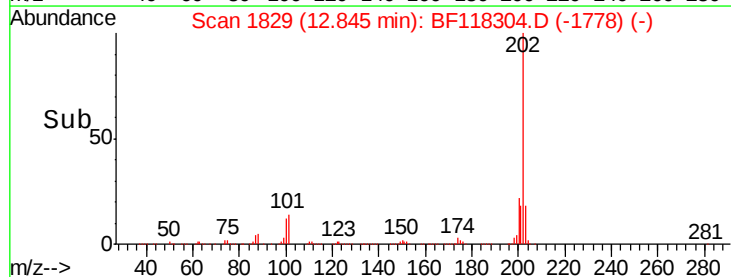
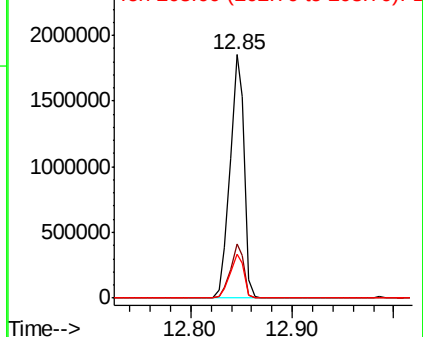


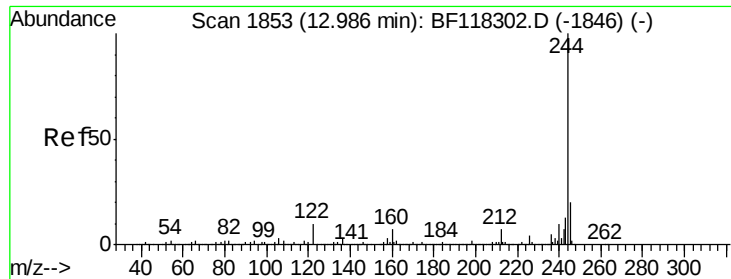
Abundance

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: 119.550 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

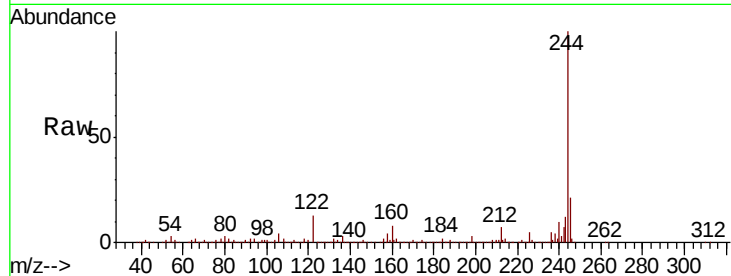
Tot Ion:244 Resp: 2587897

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

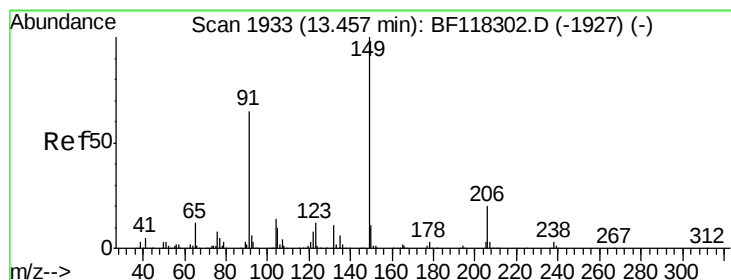
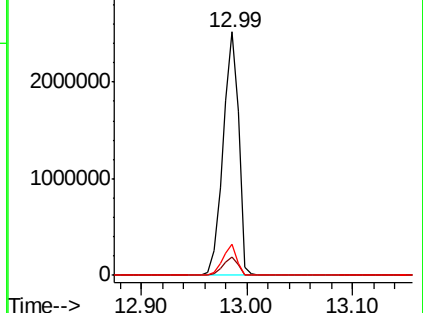
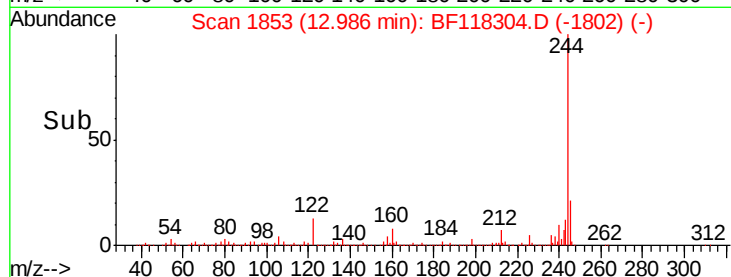
122 12.5 7.8 11.8#



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: 61.450 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

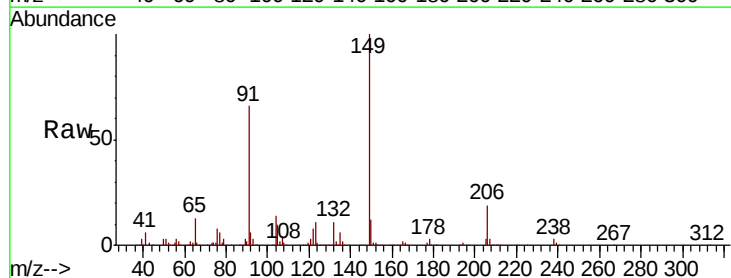
Tgt Ion:149 Resp: 816372

Ion Ratio Lower Upper

149 100

91 65.7 51.8 77.6

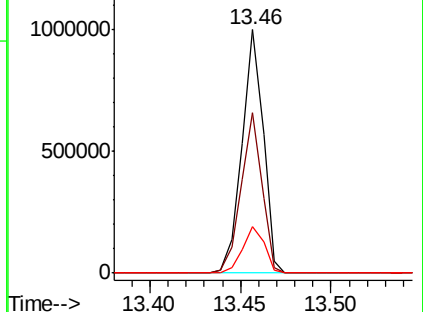
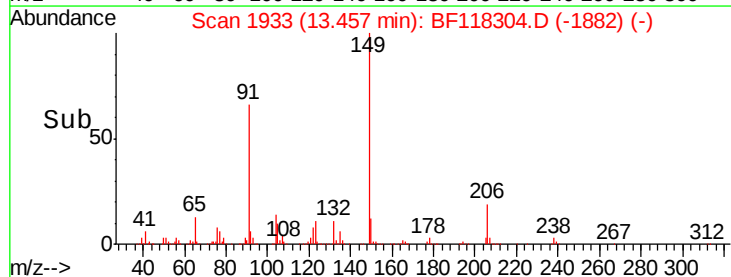
206 18.9 15.7 23.5

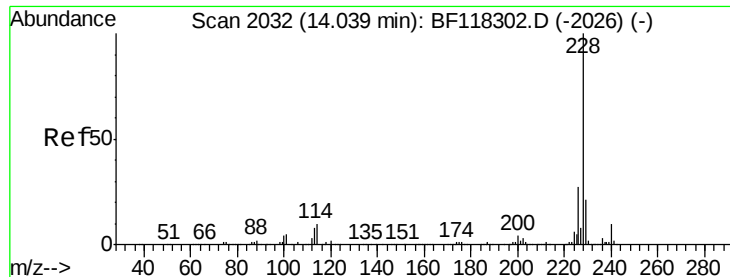


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.627 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

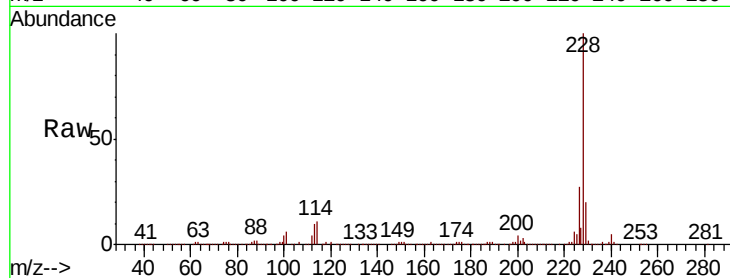
Tot Ion:228 Resp: 1483302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.4  | 22.0  | 33.0  |
| 229 | 20.2  | 16.6  | 24.8  |

228 100

226 27.4 22.0 33.0

229 20.2 16.6 24.8

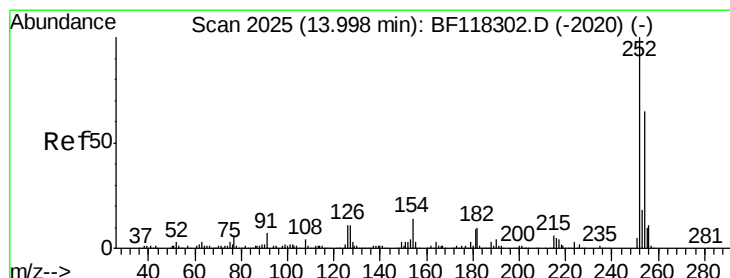
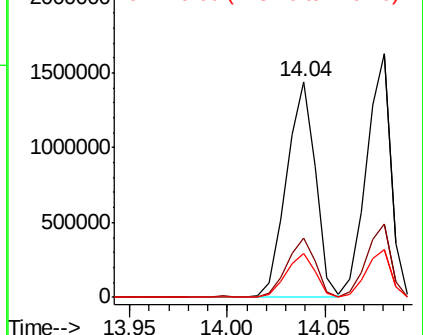
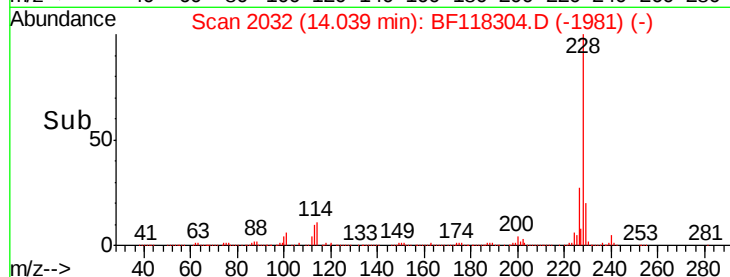


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.290 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

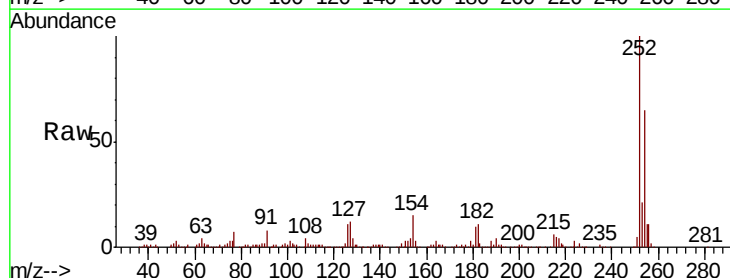
Tgt Ion:252 Resp: 492755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 51.8  | 77.8  |
| 126 | 11.4  | 8.7   | 13.1  |

252 100

254 65.1 51.8 77.8

126 11.4 8.7 13.1

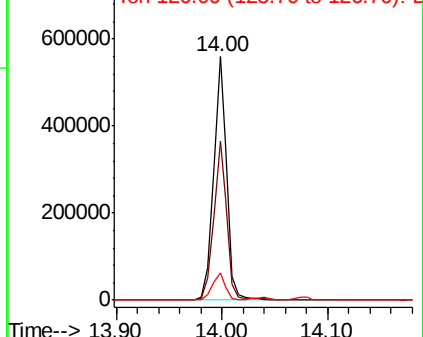
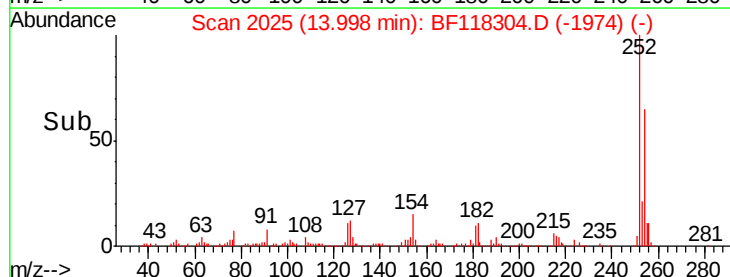


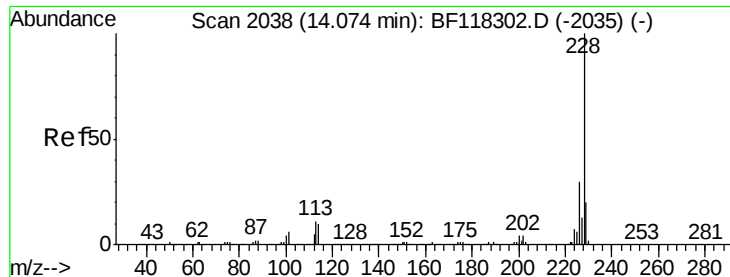
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 57.727 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

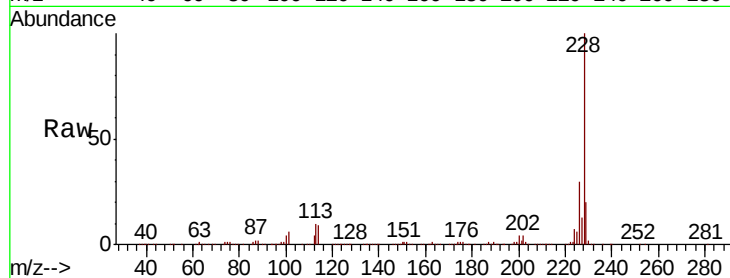
Tot Ion:228 Resp: 1419339

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

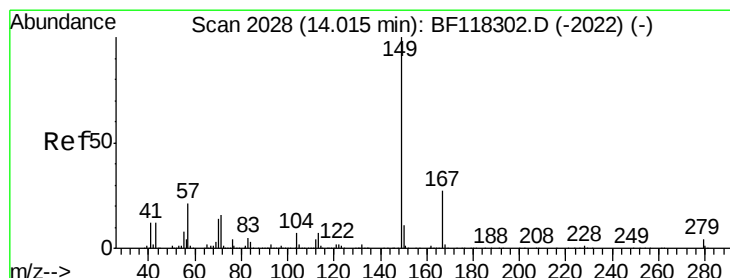
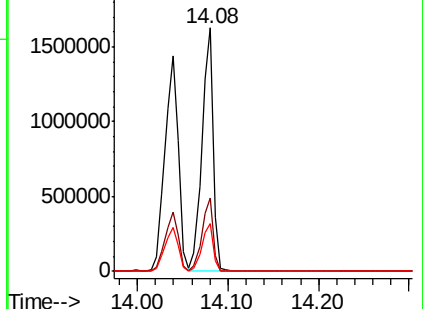
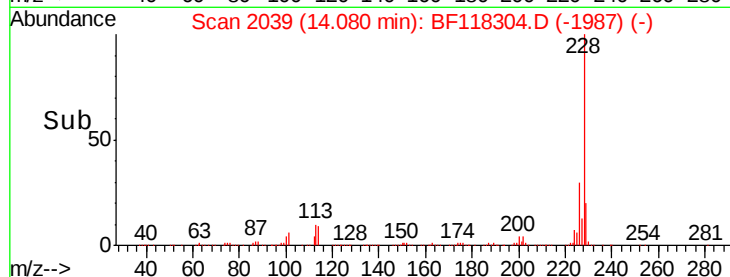
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.648 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

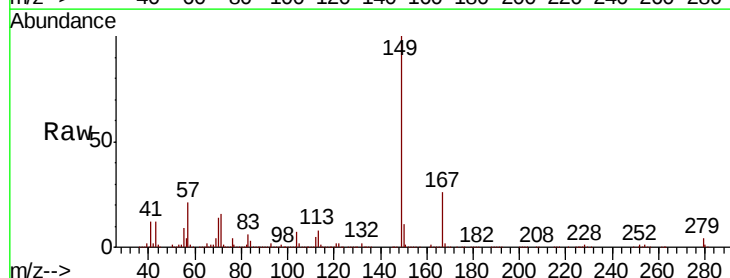
Tgt Ion:149 Resp: 1062429

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

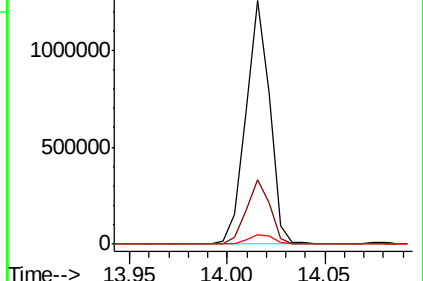
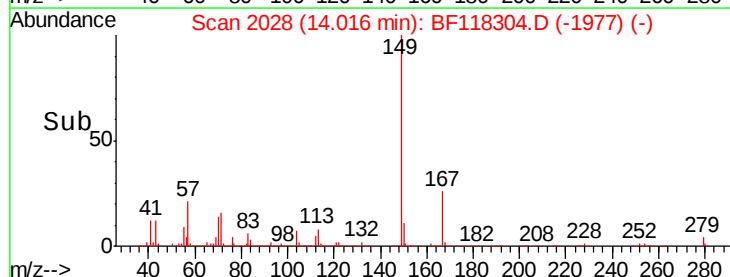
279 4.0 3.4 5.2

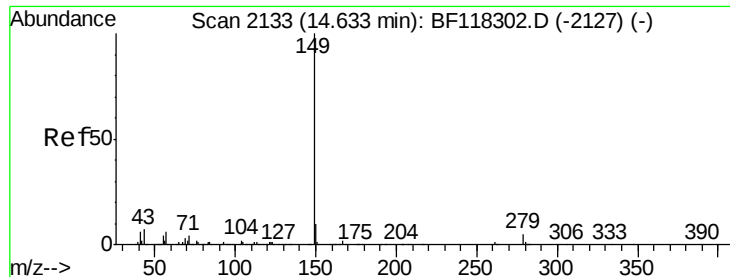


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.584 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

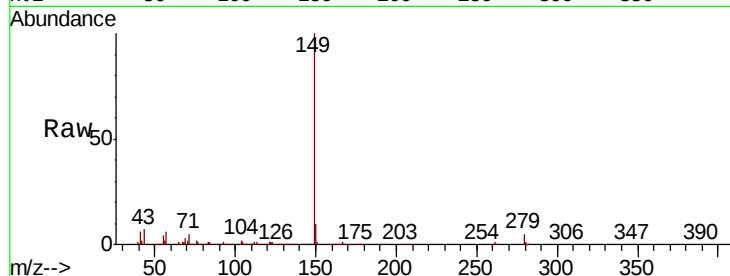
Tot Ion:149 Resp: 1528078

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

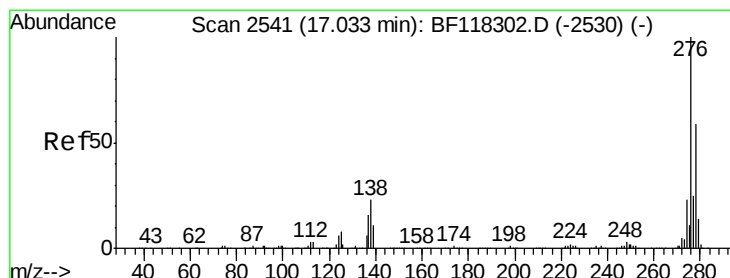
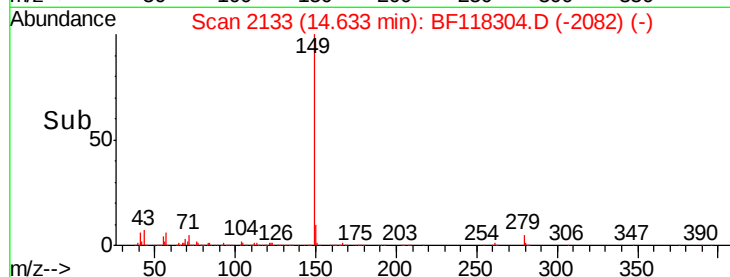
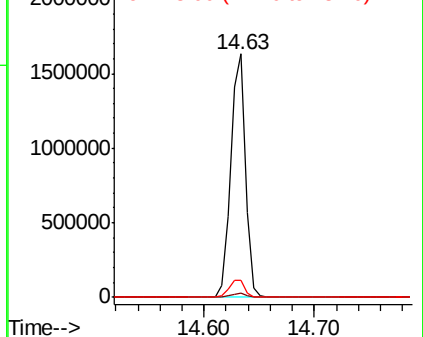
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.616 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF118304.D

Acq: 24 Dec 2019 12:52

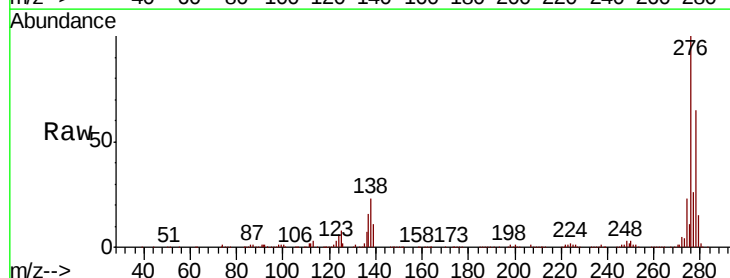
Tgt Ion:276 Resp: 1233330

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

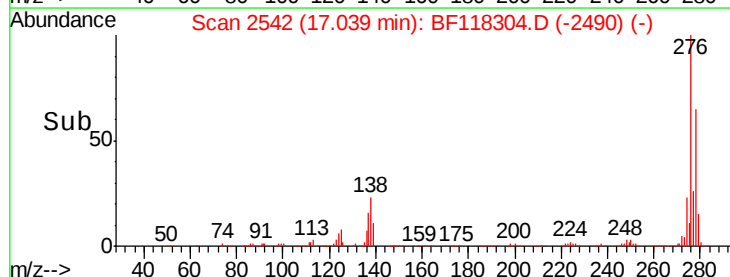
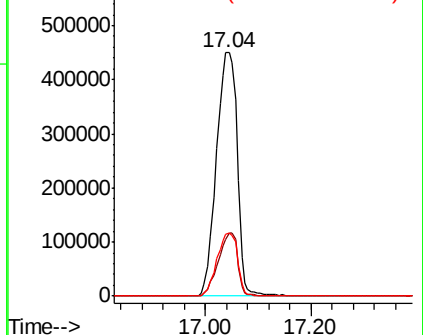
277 25.5 20.6 30.8

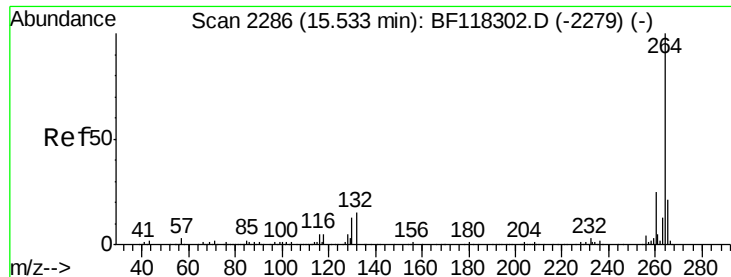


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

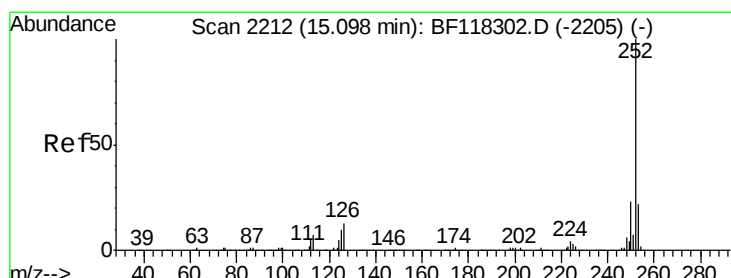
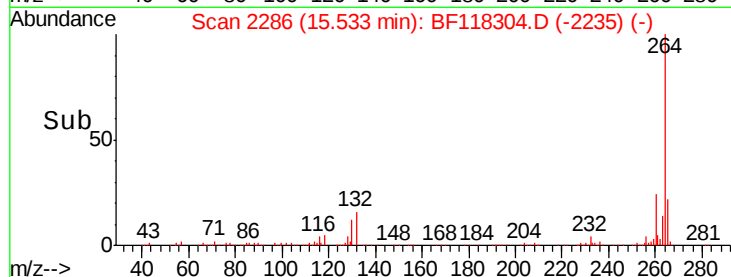
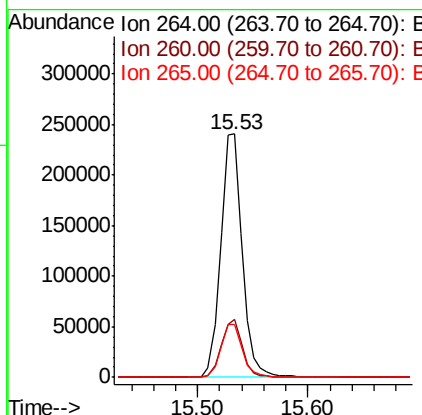
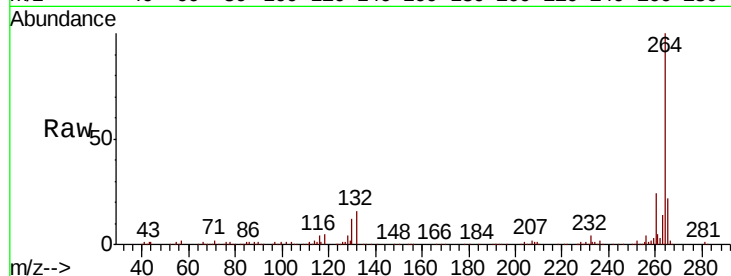




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.53 min Scan# 2286  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

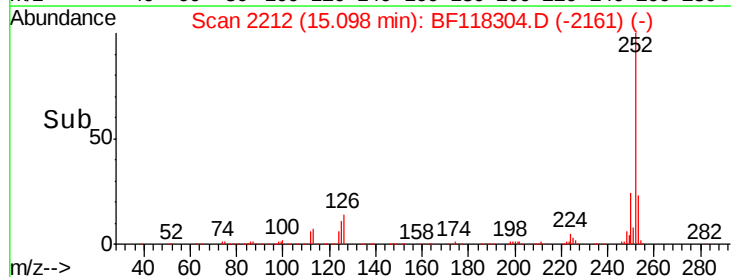
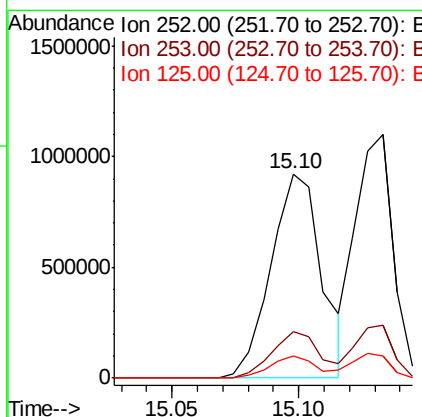
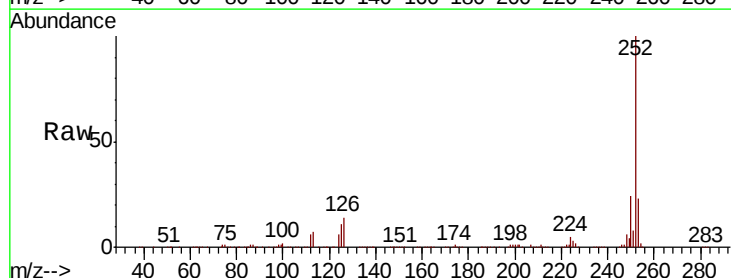
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

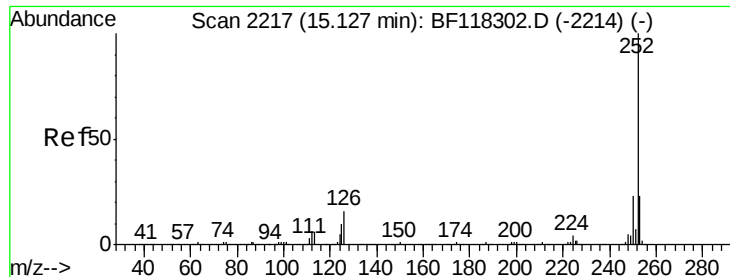
Tot Ion:264 Resp: 328490  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.8 29.6  
265 21.5 17.0 25.4



#88  
Benzo(b)fluoranthene  
Concen: 58.805 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. 0.00 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:252 Resp: 1277547  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.5 26.3  
125 10.7 7.7 11.5

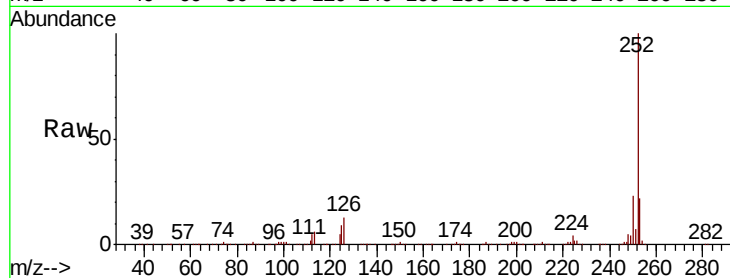




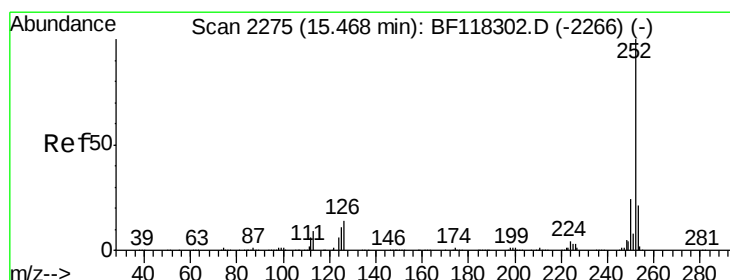
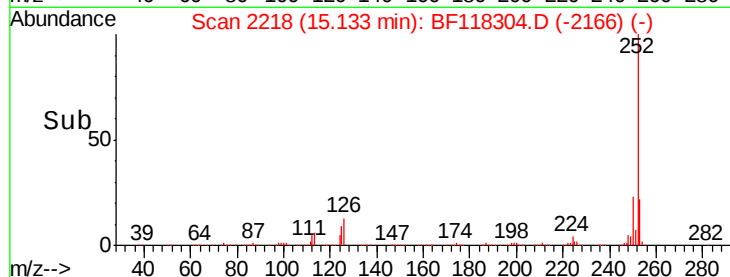
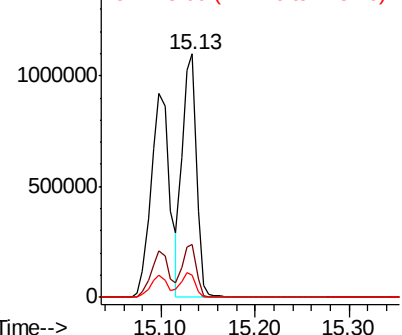
#89  
Benzo(k)fluoranthene  
Concen: 55.105 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:252 Resp: 1150085  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 9.1 8.0 12.0

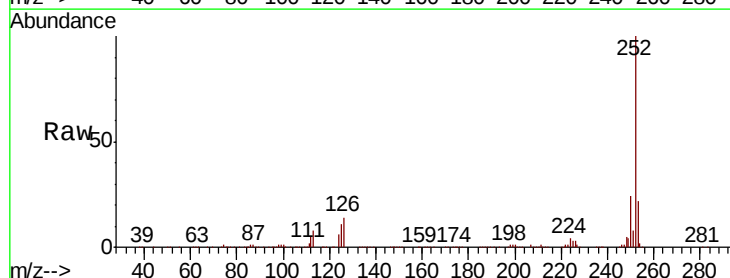


Abundance Ion 252.00 (251.70 to 252.70): E  
1500000 Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

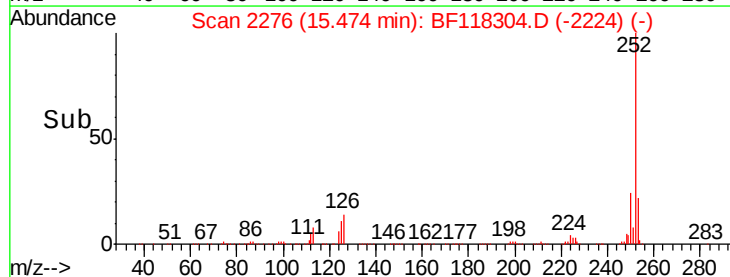
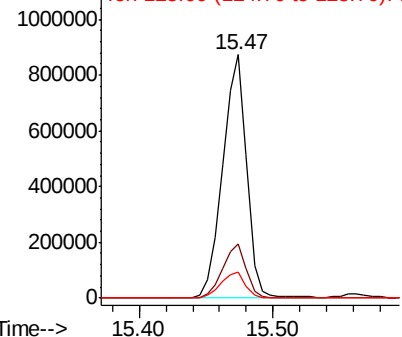


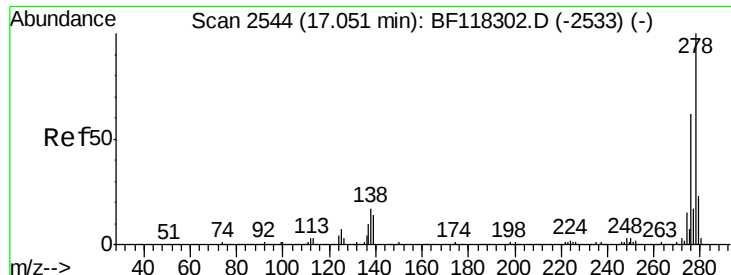
#90  
Benzo(a)pyrene  
Concen: 56.903 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:252 Resp: 1091839  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 10.8 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E  
1200000 Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



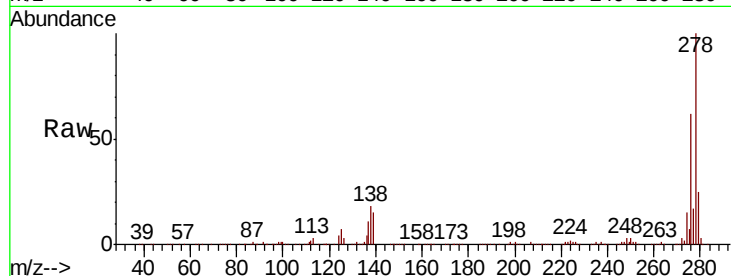


#91  
Dibenzo(a,h)anthracene  
Concen: 61.120 ng  
RT: 17.06 min Scan# 2545  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

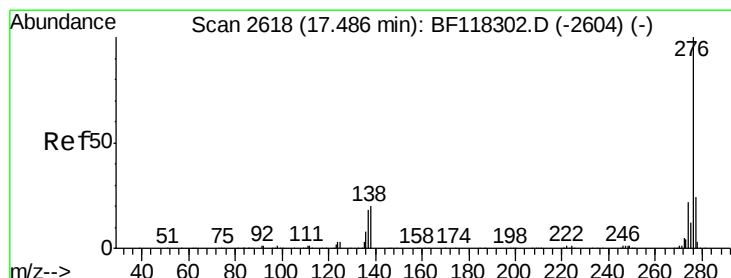
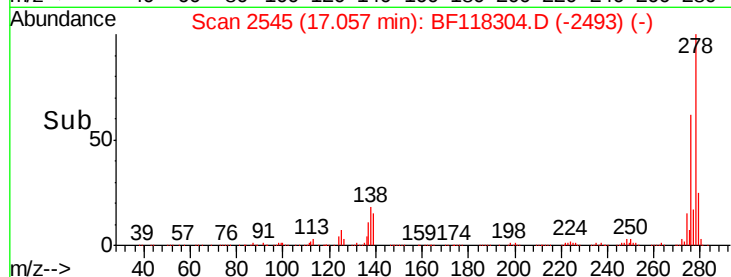
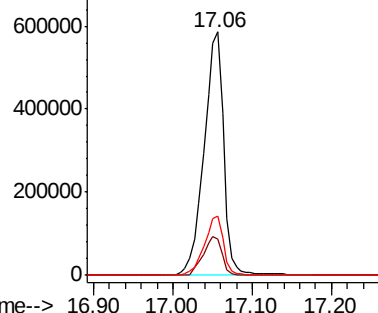
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:278 Resp: 1005875  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.9  | 11.5  | 17.3  |
| 279 | 24.6  | 18.3  | 27.5  |



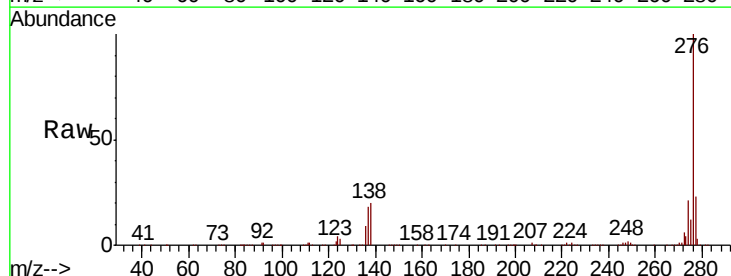
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 62.686 ng  
RT: 17.49 min Scan# 2619  
Delta R.T. 0.01 min  
Lab File: BF118304.D  
Acq: 24 Dec 2019 12:52

Tgt Ion:276 Resp: 991348  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.0  | 19.1  | 28.7  |
| 138 | 19.8  | 16.1  | 24.1  |



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

