

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\  
 Data File : BF115114.D  
 Acq On : 22 Jun 2019 12:23  
 Operator : HP/JU  
 Sample : K3440-01MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

Quant Time: Jun 24 04:32:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.61  | 152  | 258986   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.90  | 136  | 1000503  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.64  | 164  | 496588   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.11 | 188  | 980639   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.73 | 240  | 609539   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.08 | 264  | 574091   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.22  | 112 | 1869832 | 111.41 | ng | 0.01  |
| 7) Phenol-d6             | 6.26  | 99  | 2384966 | 117.08 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 1454218 | 89.41  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.42 | 330 | 587466  | 112.18 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 8.97  | 172 | 2612683 | 89.37  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.70 | 244 | 2757801 | 96.20  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.26 | 88  | 242258  | 30.586 | ng | 100    |
| 3) Pyridine                    | 2.93 | 79  | 578161  | 25.898 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.85 | 42  | 308751  | 35.279 | ng | 97     |
| 6) Aniline                     | 6.27 | 93  | 727670  | 25.992 | ng | # 8    |
| 8) 2-Chlorophenol              | 6.40 | 128 | 711504  | 37.703 | ng | 97     |
| 9) Benzaldehyde                | 6.15 | 77  | 513699  | 38.654 | ng | 100    |
| 10) Phenol                     | 6.27 | 94  | 865455  | 36.271 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 645050  | 36.674 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 738663  | 35.269 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 759420  | 36.160 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 702289  | 36.109 | ng | 99     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 564653  | 38.068 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 913068  | 35.792 | ng | 99     |
| 17) 2-Methylphenol             | 6.88 | 107 | 595858  | 38.253 | ng | 100    |
| 18) Hexachloroethane           | 7.12 | 117 | 268275  | 35.432 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 471285  | 36.138 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 690095  | 38.368 | ng | 92     |
| 22) Acetophenone               | 7.02 | 105 | 921241  | 40.220 | ng | # 99   |
| 24) Nitrobenzene               | 7.20 | 77  | 719613  | 40.161 | ng | 99     |
| 25) Isophorone                 | 7.44 | 82  | 1310385 | 39.330 | ng | 99     |
| 26) 2-Nitrophenol              | 7.51 | 139 | 373330  | 42.190 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 649161  | 44.807 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.65 | 93  | 830250  | 39.426 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 611701  | 40.913 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 643348  | 38.955 | ng | 99     |
| 31) Naphthalene                | 7.91 | 128 | 1980201 | 40.320 | ng | 99     |
| 32) Benzoic acid               | 7.55 | 122 | 649161  | 62.771 | ng | # 15   |
| 33) 4-Chloroaniline            | 7.96 | 127 | 533008  | 23.747 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 345078  | 38.129 | ng | 98     |
| 35) Caprolactam                | 8.34 | 113 | 122513  | 24.372 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107 | 621961  | 41.076 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.61 | 142 | 1357408 | 40.992 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.70 | 142 | 1280778 | 40.497 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.77 | 216 | 555113  | 39.558 | ng | 99     |

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 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

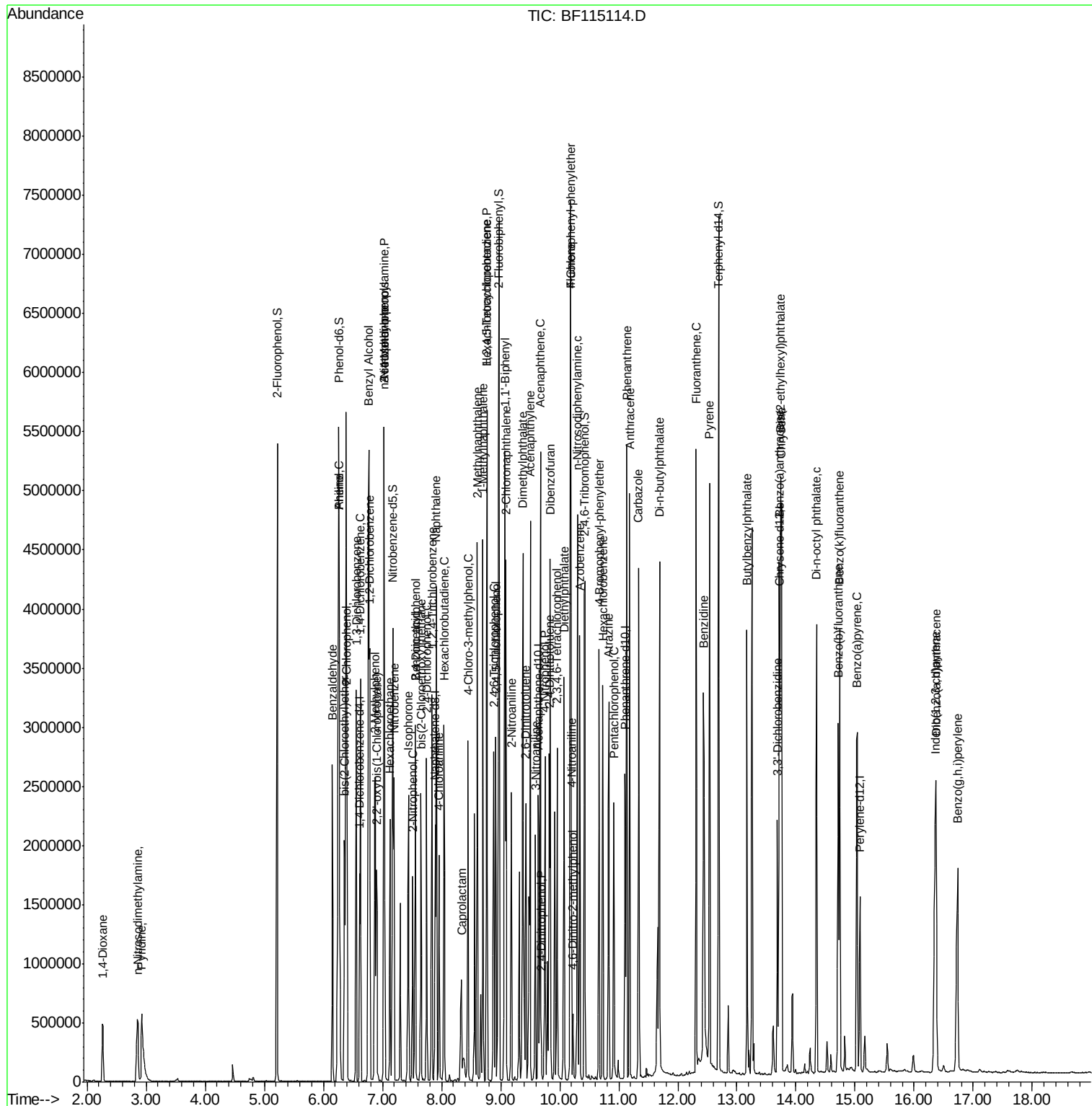
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.77  | 237  | 632014   | 75.955 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 418070   | 38.590 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 8.92  | 196  | 443623   | 39.763 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.07  | 154  | 1588594  | 39.981 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.09  | 162  | 1293556  | 40.135 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.18  | 65   | 393217   | 41.847 | ng    | 90       |
| 49) Acenaphthylene             | 9.50  | 152  | 2043868  | 40.701 | ng    | 99       |
| 50) Dimethylphthalate          | 9.38  | 163  | 1773913  | 48.554 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.43  | 165  | 358239   | 42.472 | ng    | 89       |
| 52) Acenaphthene               | 9.67  | 154  | 1196055  | 38.063 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.59  | 138  | 324182   | 31.495 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.69  | 184  | 28330    | 13.272 | ng    | 94       |
| 55) Dibenzofuran               | 9.84  | 168  | 1790342  | 39.697 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.75  | 139  | 547073   | 66.295 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 471346   | 43.278 | ng    | 93       |
| 58) Fluorene                   | 10.18 | 166  | 1237058  | 40.546 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 313542   | 33.516 | ng    | 99       |
| 60) Diethylphthalate           | 10.07 | 149  | 1477893  | 40.242 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.18 | 204  | 590932   | 40.773 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.20 | 138  | 407901   | 39.502 | ng    | 97       |
| 63) Azobenzene                 | 10.34 | 77   | 1388540  | 40.479 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.22 | 198  | 63464    | 15.866 | ng    | 77       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1258197  | 41.183 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 425052   | 39.978 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.73 | 284  | 458481   | 39.728 | ng    | 99       |
| 69) Atrazine                   | 10.83 | 200  | 375491   | 38.207 | ng    | 99       |
| 70) Pentachlorophenol          | 10.92 | 266  | 280112   | 38.099 | ng    | 97       |
| 71) Phenanthrene               | 11.14 | 178  | 2031703  | 38.480 | ng    | 100      |
| 72) Anthracene                 | 11.19 | 178  | 2079264  | 39.013 | ng    | 100      |
| 73) Carbazole                  | 11.34 | 167  | 1866356  | 39.216 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.69 | 149  | 2216227  | 40.298 | ng    | 99       |
| 75) Fluoranthene               | 12.31 | 202  | 2051726  | 38.947 | ng    | 99       |
| 77) Benzidine                  | 12.44 | 184  | 558089   | 20.620 | ng    | # 91     |
| 78) Pyrene                     | 12.54 | 202  | 2112808  | 45.104 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.17 | 149  | 928993   | 44.939 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.72 | 228  | 1714992  | 39.212 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.68 | 252  | 457663   | 28.977 | ng    | 99       |
| 83) Chrysene                   | 13.75 | 228  | 1567225  | 39.119 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1168860  | 43.151 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 1755931  | 38.582 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.35 | 276  | 1592617  | 33.595 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.71 | 252  | 1558582  | 43.510 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.74 | 252  | 1284535  | 39.986 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.04 | 252  | 1369953  | 42.431 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.37 | 278  | 1325976  | 43.992 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.74 | 276  | 1341223  | 43.965 | ng    | 100      |

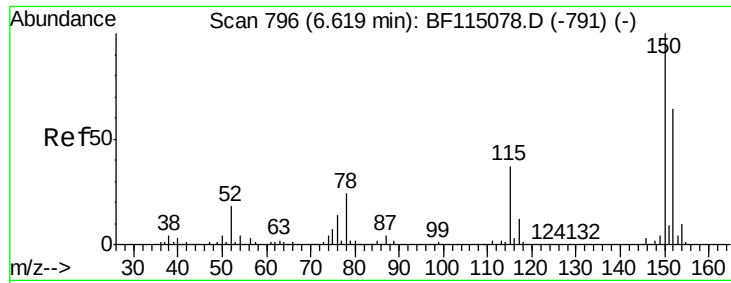
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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BNA\_F  
**ClientSampleId :**  
FK-SF-03-008-AMS

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QLast Update : Mon Jun 24 04:21:29 2019  
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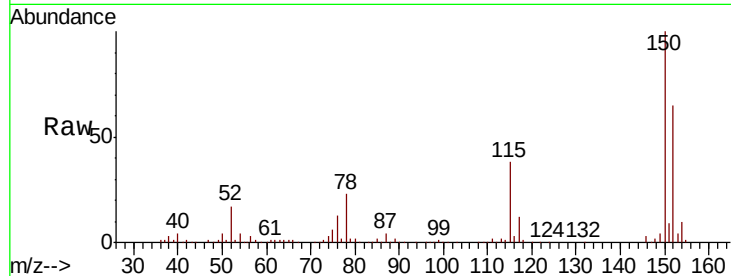


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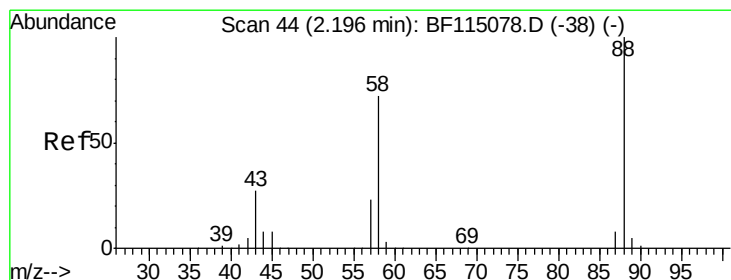
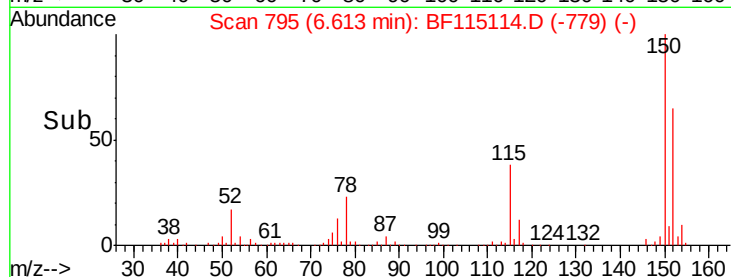
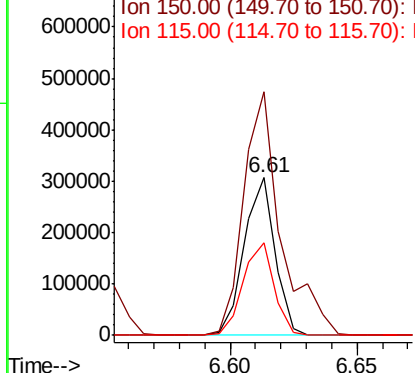
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 124.2 | 186.2 |
| 115     | 58.5  | 46.1  | 69.1  |



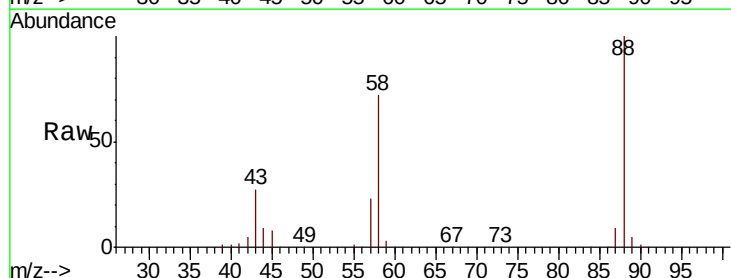
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



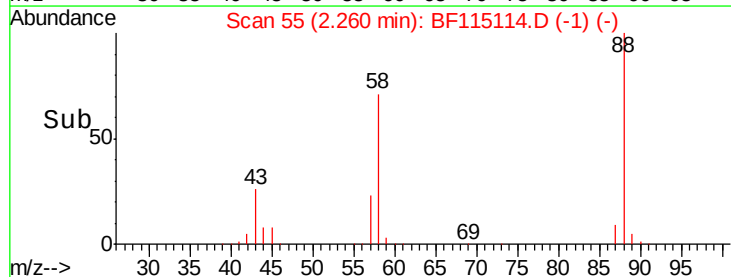
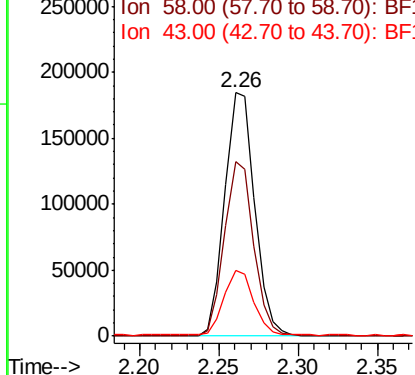
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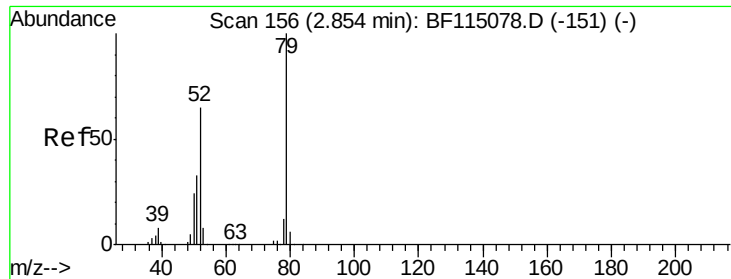
1,4-Dioxane  
Concen: 30.586 ng  
RT: 2.26 min Scan# 55  
Delta R.T. 0.06 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.4  | 56.1  | 84.1  |
| 43      | 26.4  | 21.3  | 31.9  |



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: 25.898 ng

RT: 2.93 min Scan# 168

Delta R.T. 0.07 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

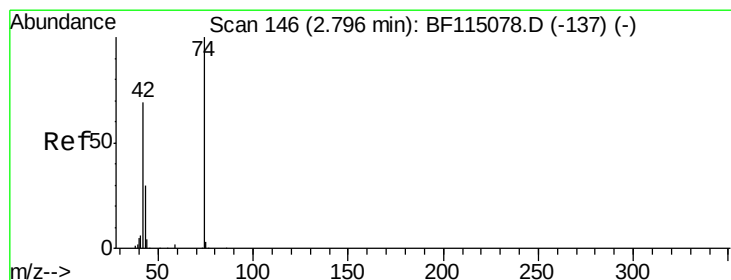
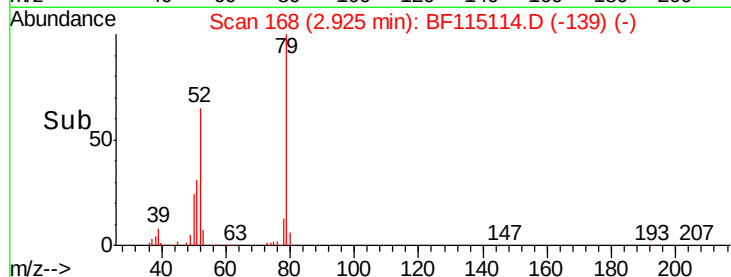
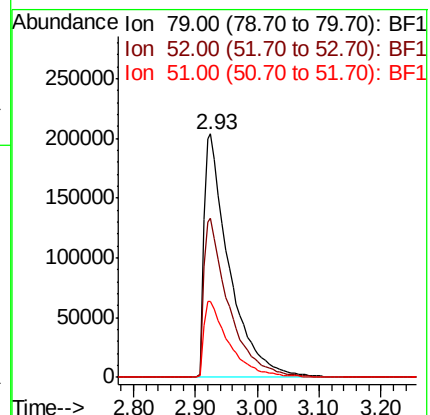
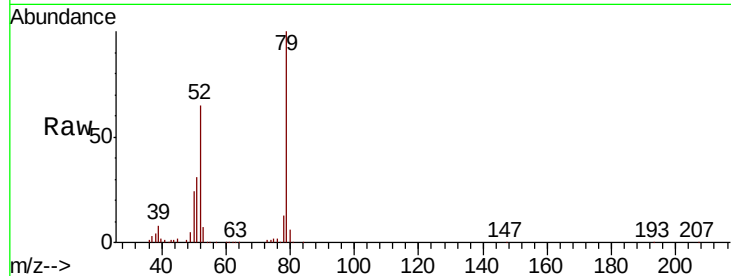
Tot Ion: 79 Resp: 578161

Ion Ratio Lower Upper

79 100

52 65.3 52.3 78.5

51 31.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 35.279 ng

RT: 2.85 min Scan# 156

Delta R.T. 0.06 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

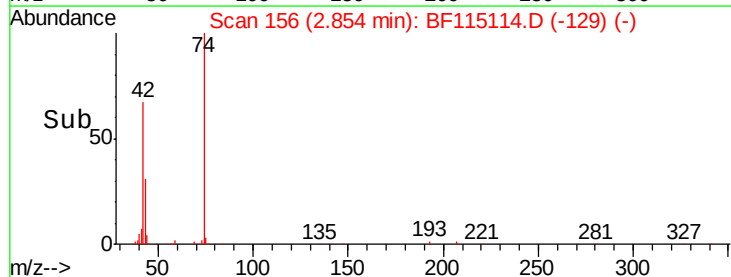
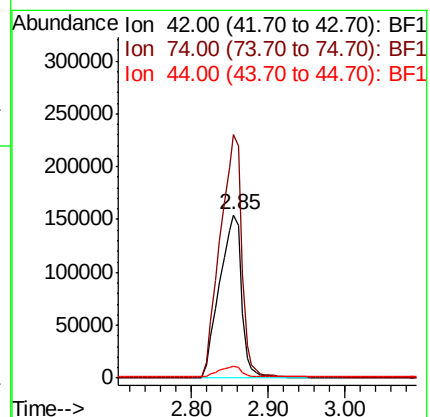
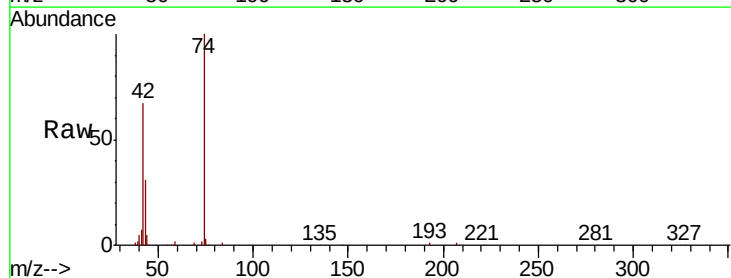
Tgt Ion: 42 Resp: 308751

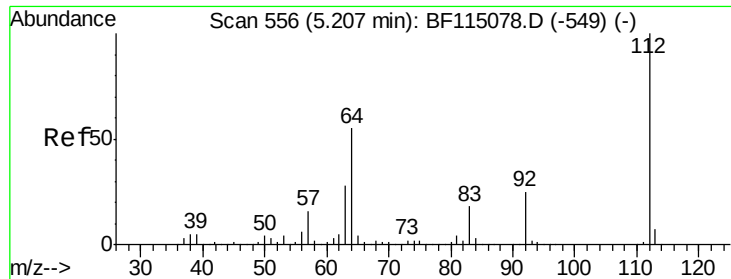
Ion Ratio Lower Upper

42 100

74 149.3 116.6 175.0

44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 111.414 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

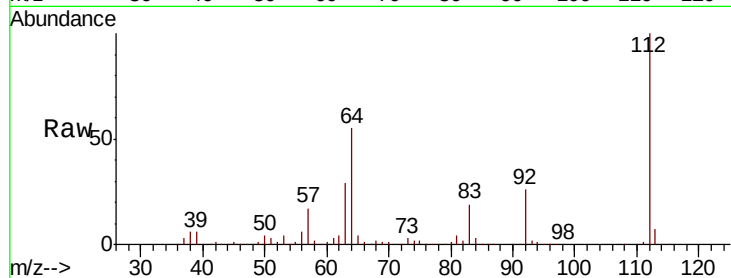
Tot Ion:112 Resp: 1869832

Ion Ratio Lower Upper

112 100

64 55.3 43.8 65.6

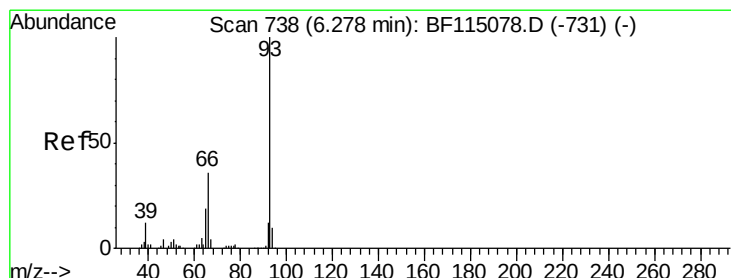
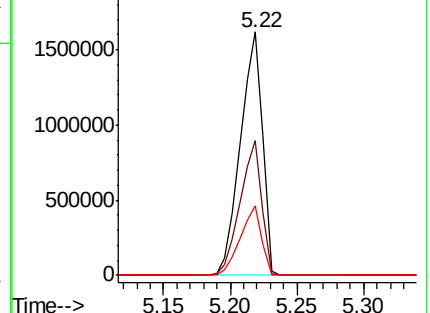
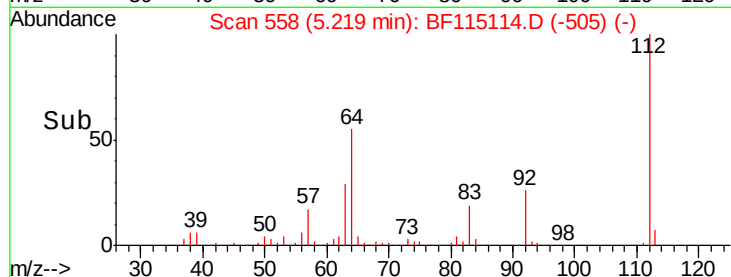
63 28.5 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.992 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

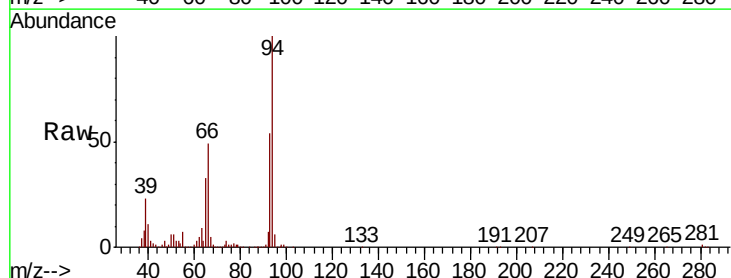
Tgt Ion: 93 Resp: 727670

Ion Ratio Lower Upper

93 100

66 92.3 30.0 45.0#

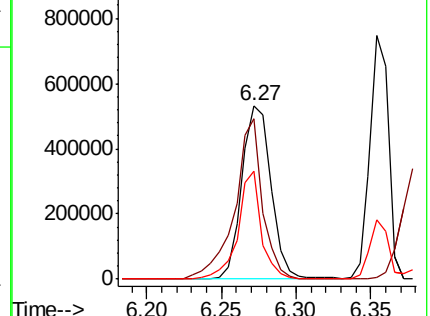
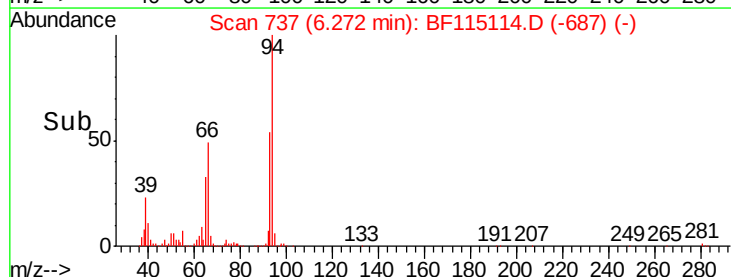
65 62.0 15.6 23.4#

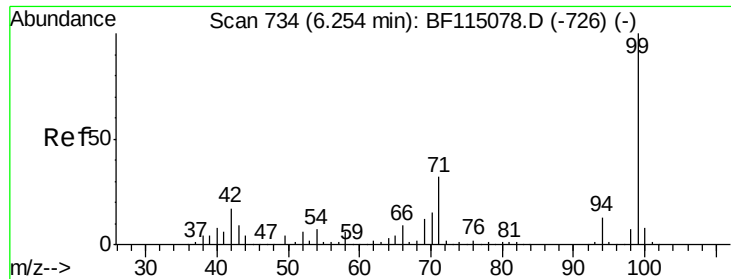


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.082 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

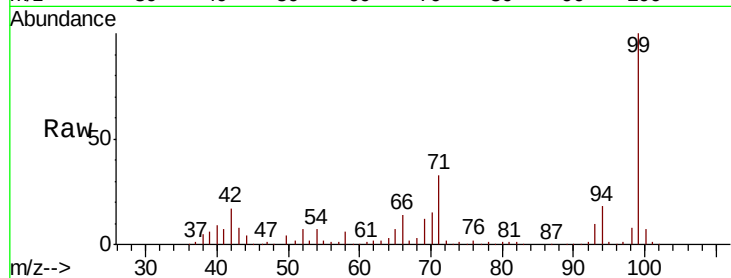
Tot Ion: 99 Resp: 2384966

Ion Ratio Lower Upper

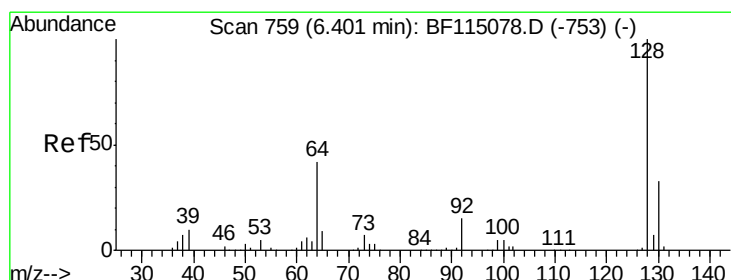
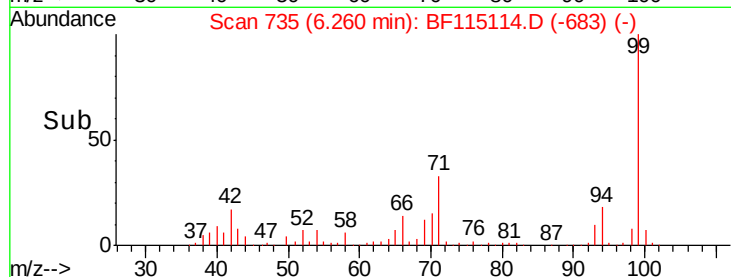
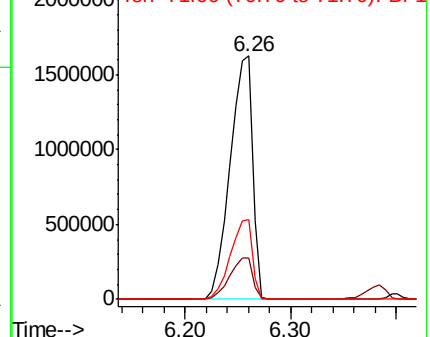
99 100

42 16.8 13.6 20.4

71 32.9 25.5 38.3



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: 37.703 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

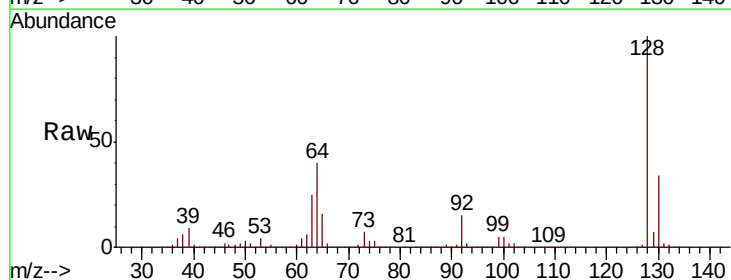
Tgt Ion:128 Resp: 711504

Ion Ratio Lower Upper

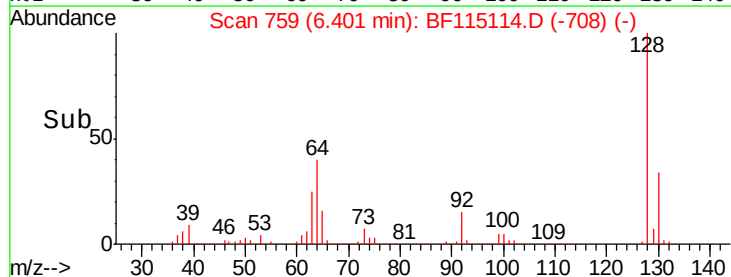
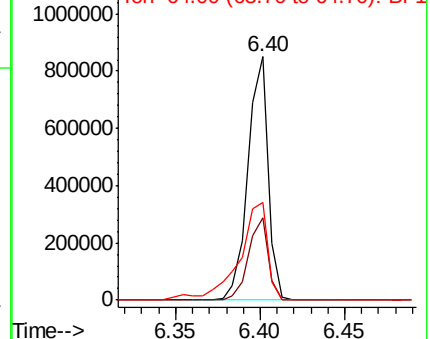
128 100

130 34.0 12.9 52.9

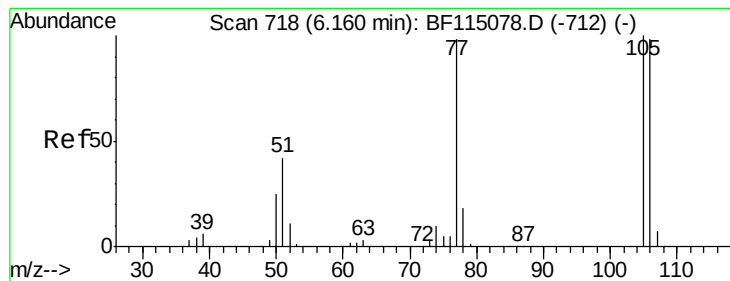
64 40.0 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 38.654 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

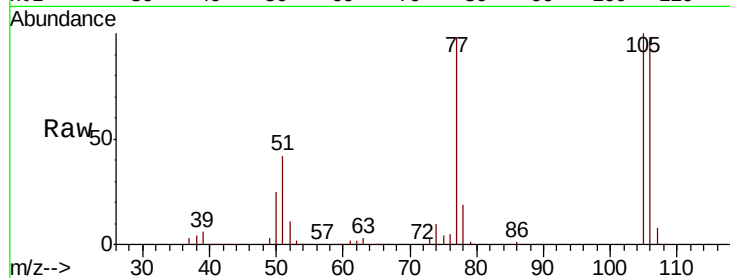
Tot Ion: 77 Resp: 513699

Ion Ratio Lower Upper

77 100

105 102.1 81.5 121.5

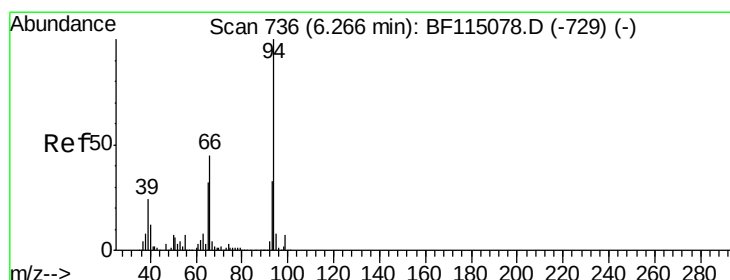
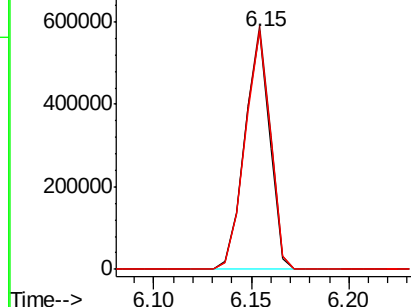
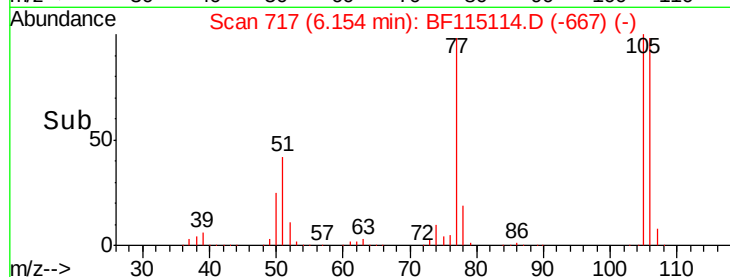
106 99.9 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.271 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

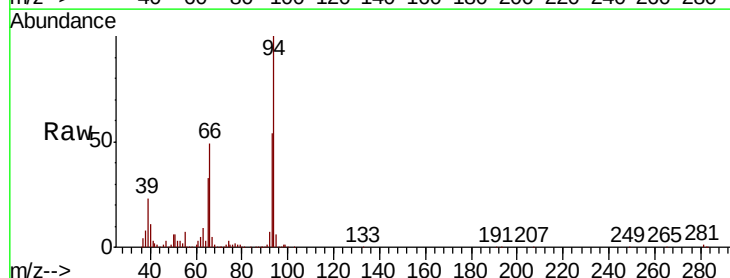
Tgt Ion: 94 Resp: 865455

Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

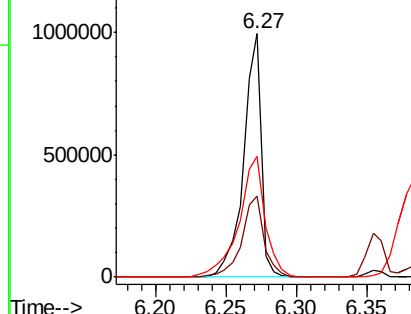
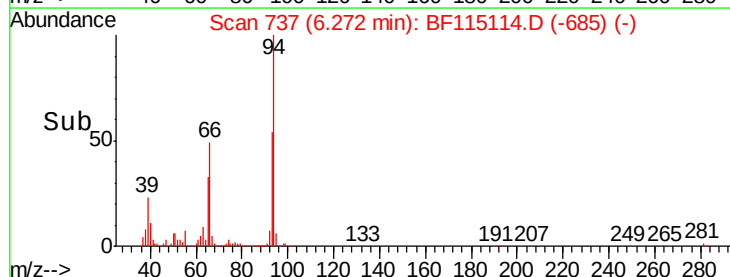
66 49.5 25.2 65.2



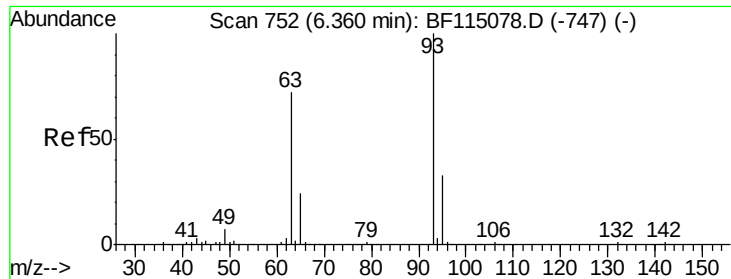
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



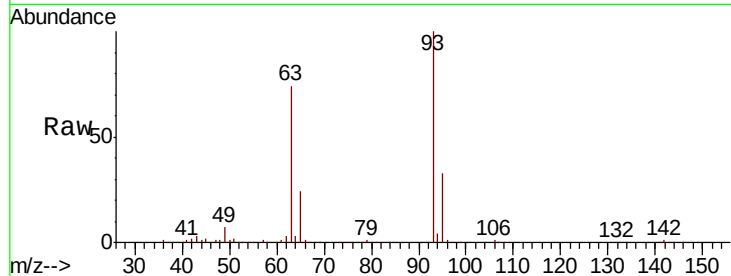




#11  
bis(2-Chloroethyl)ether  
Concen: 36.674 ng  
RT: 6.35 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.0  | 51.5  | 91.5  |
| 95      | 33.2  | 13.4  | 53.4  |

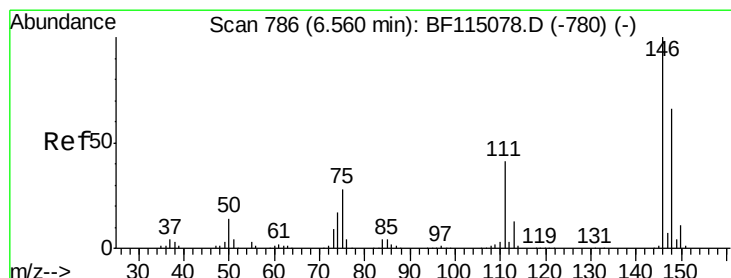
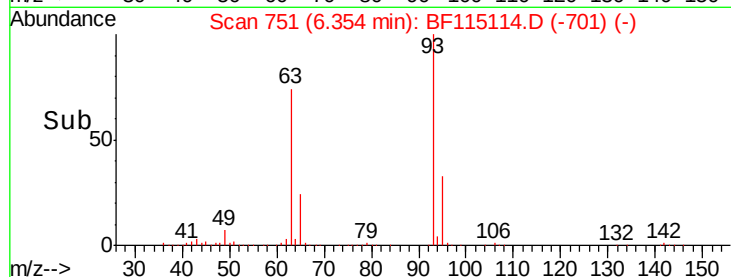
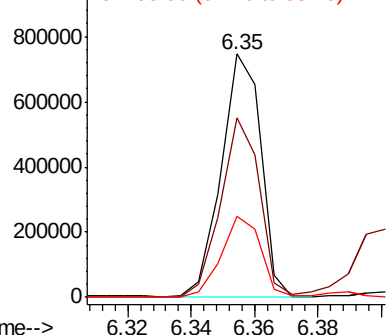


Abundance

Ion 93.00 (92.70 to 93.70): BF1

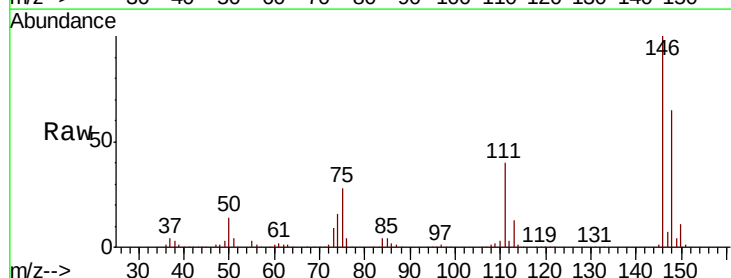
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12  
1,3-Dichlorobenzene  
Concen: 35.269 ng  
RT: 6.55 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 52.6  | 78.8  |
| 75      | 27.5  | 22.6  | 34.0  |

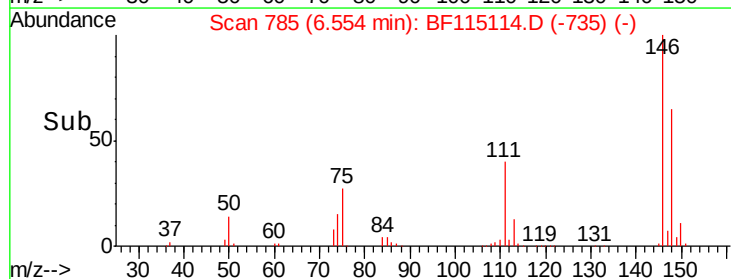
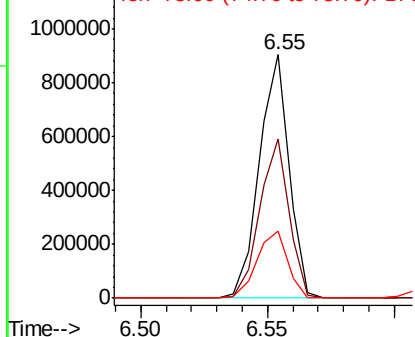


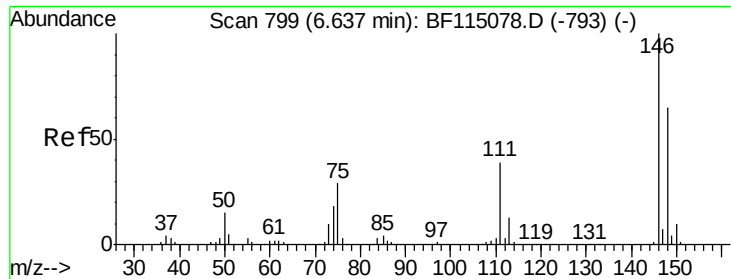
Abundance

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

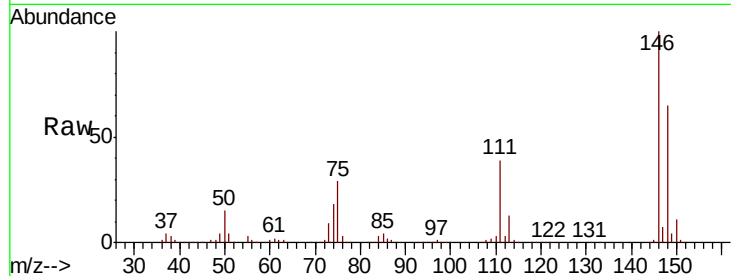




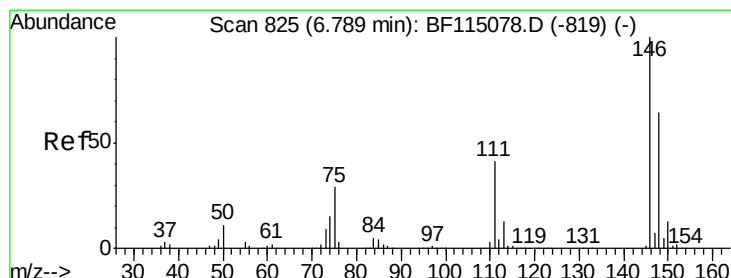
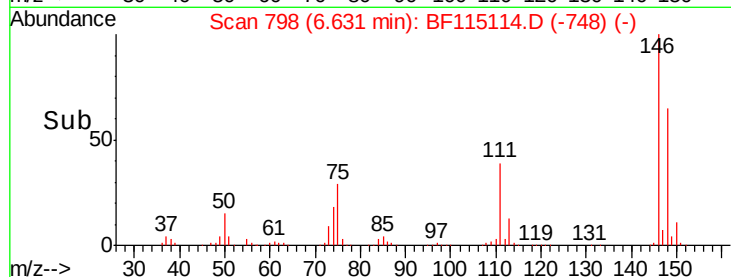
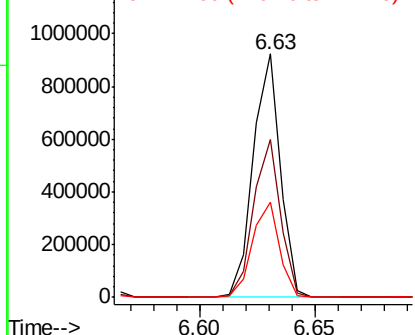
#13  
 1,4-Dichlorobenzene  
 Concen: 36.160 ng  
 RT: 6.63 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

Tot Ion:146 Resp: 759420  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 51.9 77.9  
 111 39.3 31.4 47.0

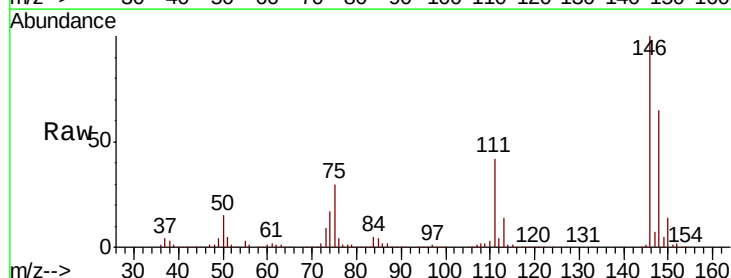


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

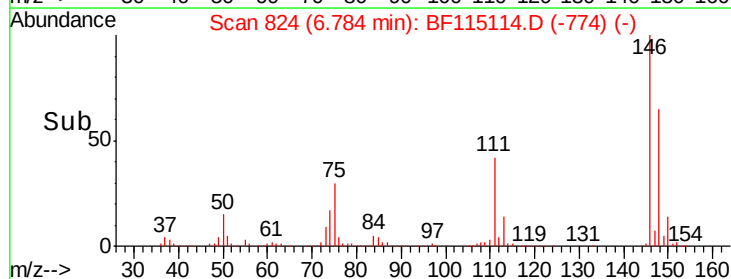
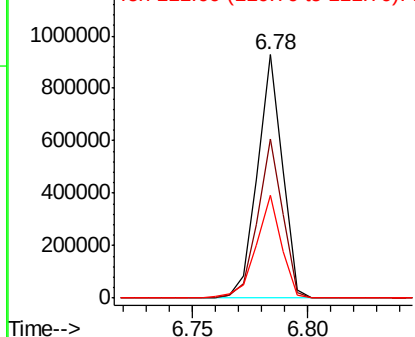


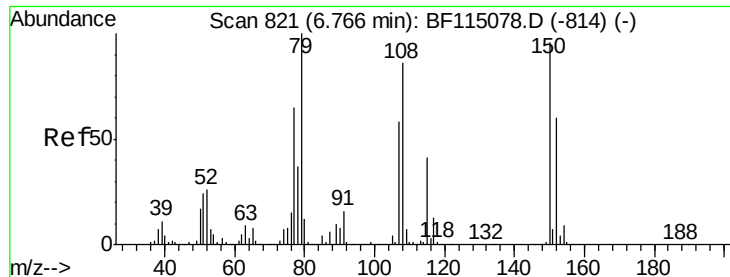
#14  
 1,2-Dichlorobenzene  
 Concen: 36.109 ng  
 RT: 6.78 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Tgt Ion:146 Resp: 702289  
 Ion Ratio Lower Upper  
 146 100  
 148 65.2 51.1 76.7  
 111 42.2 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 38.068 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

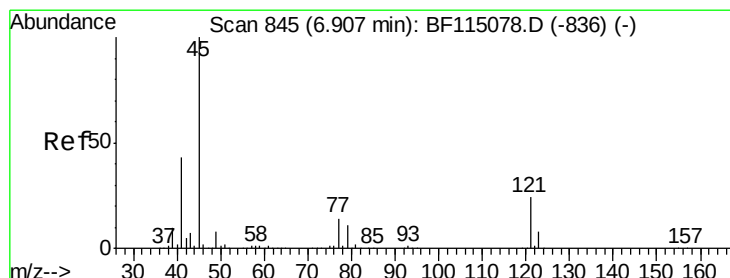
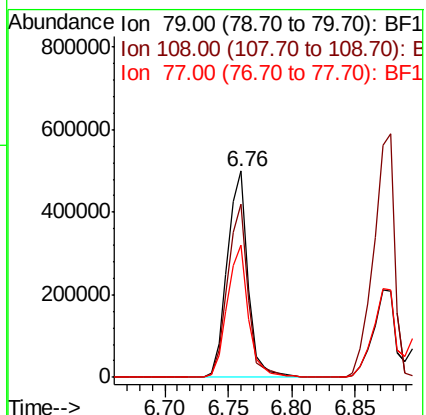
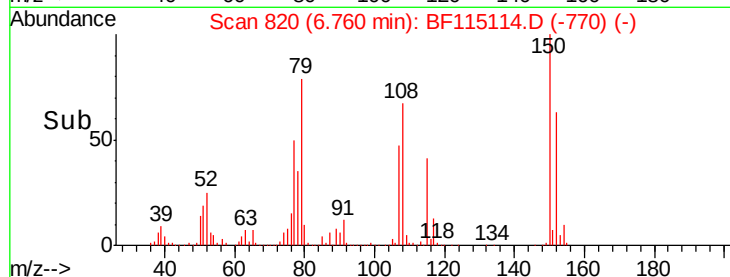
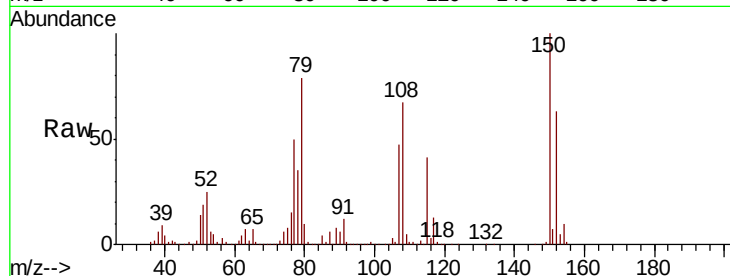
Tot Ion: 79 Resp: 564653

Ion Ratio Lower Upper

79 100

108 84.2 68.7 103.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.792 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

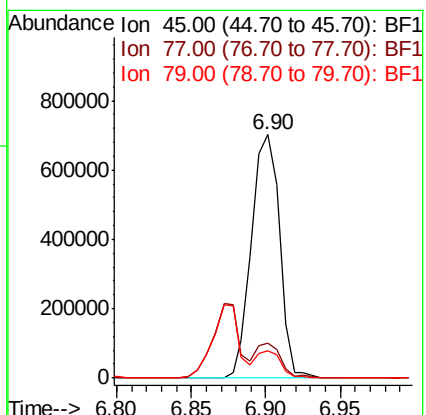
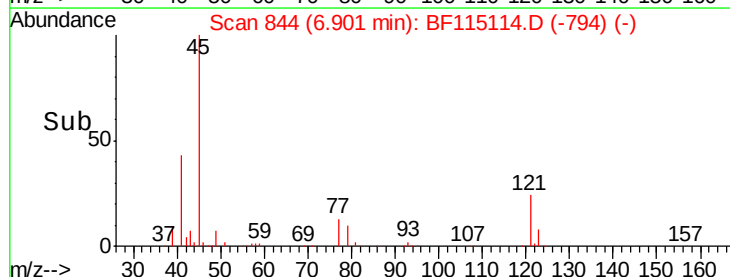
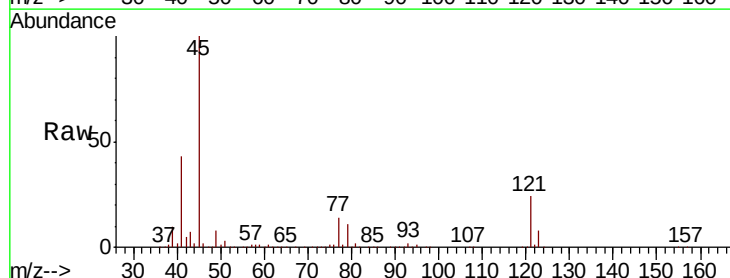
Tgt Ion: 45 Resp: 913068

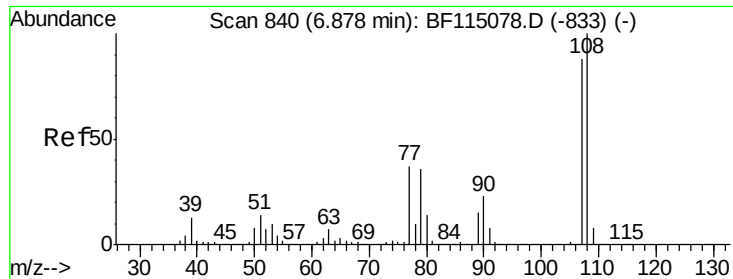
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.6

79 11.4 0.0 31.2

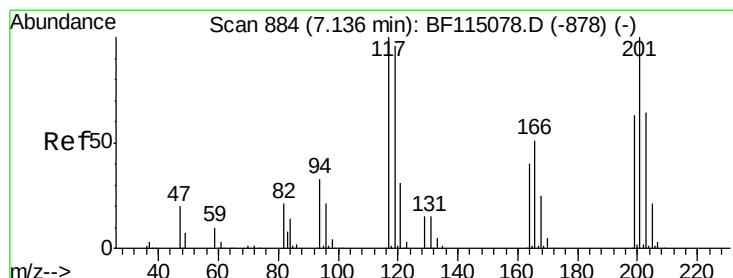
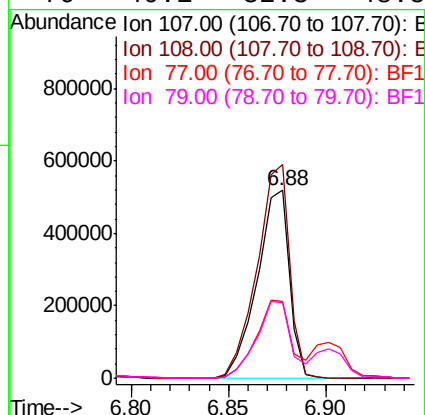
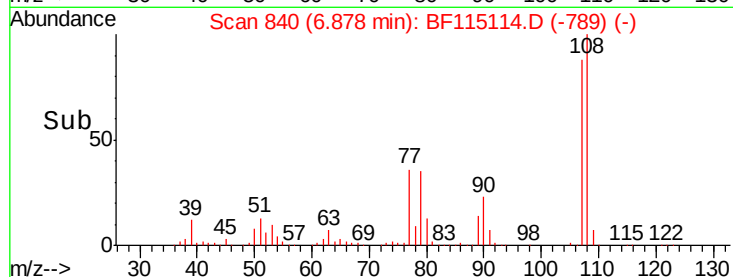
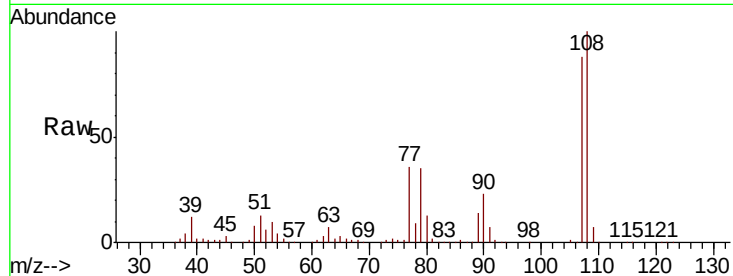




#17  
2-Methylphenol  
Concen: 38.253 ng  
RT: 6.88 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

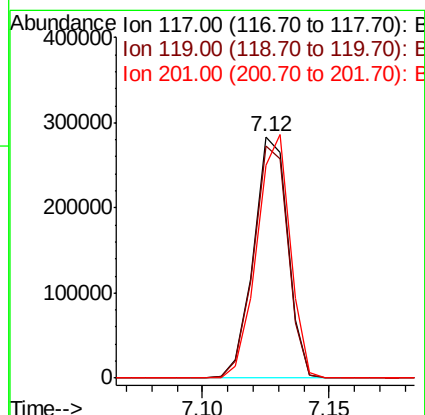
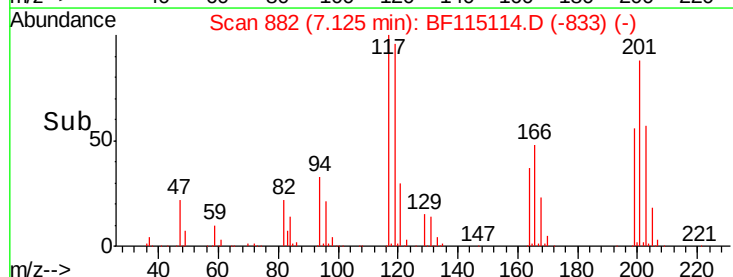
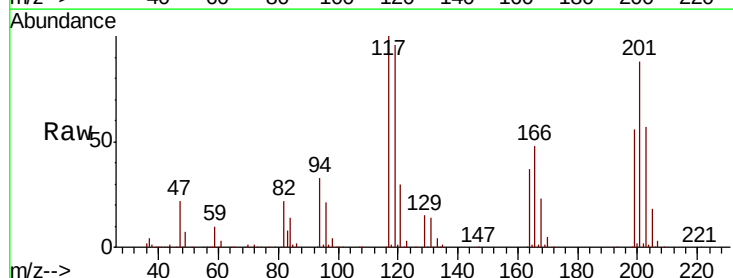
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

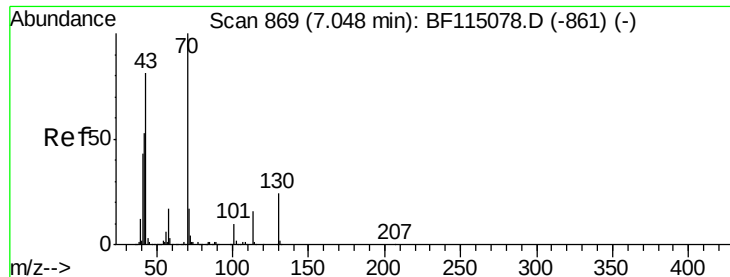
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 595858 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.7 | 90.9  | 136.3  |
| 77       | 41.1  | 33.4  | 50.2   |
| 79       | 40.1  | 32.3  | 48.5   |



#18  
Hexachloroethane  
Concen: 35.432 ng  
RT: 7.12 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 268275 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 76.6  | 114.8  |
| 201      | 88.2  | 80.2  | 120.2  |

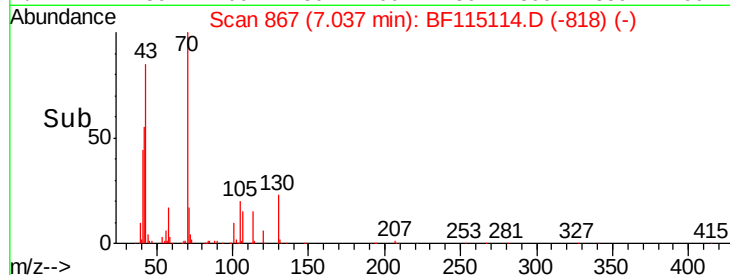
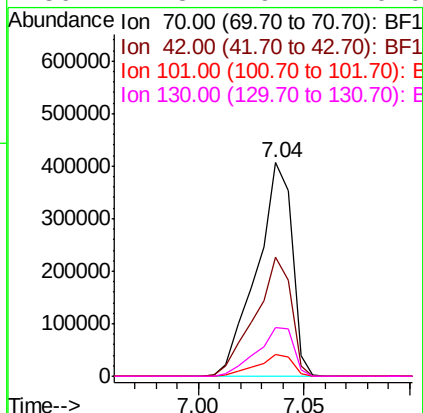
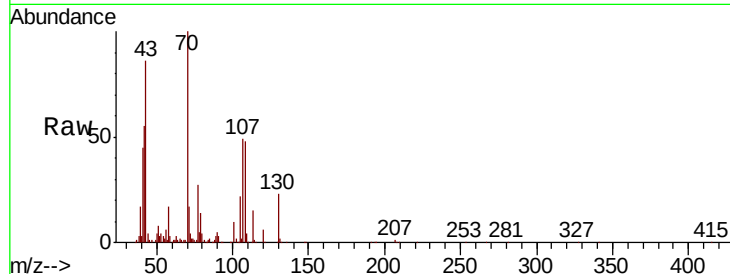




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.138 ng  
RT: 7.04 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

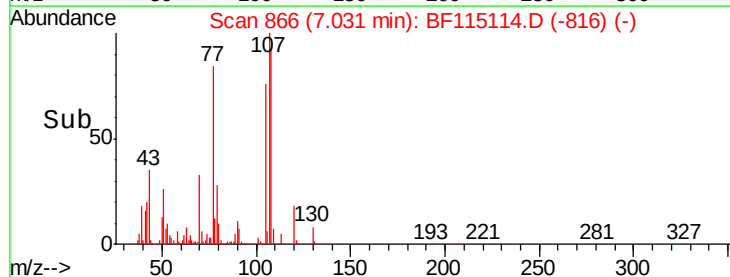
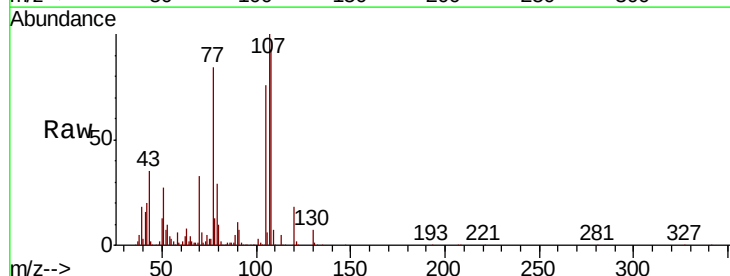
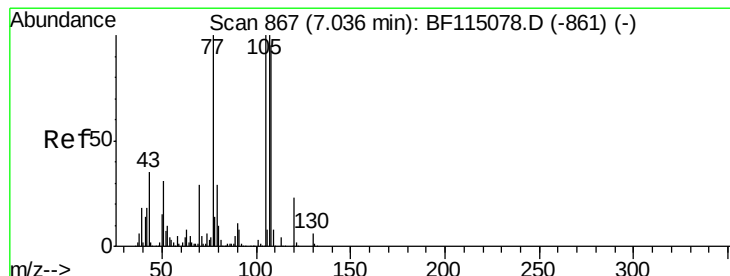
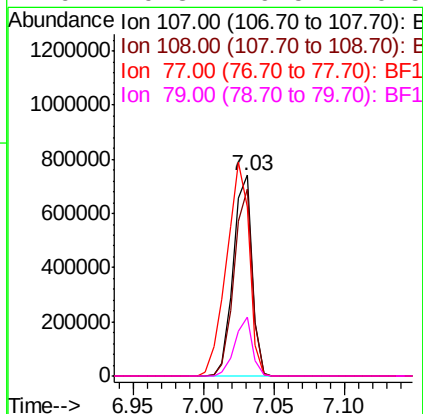
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

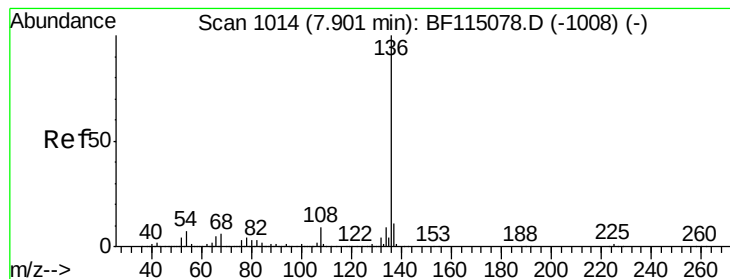
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 55.4  | 42.6  | 63.8  |
| 101     | 10.0  | 8.0   | 12.0  |
| 130     | 22.8  | 19.4  | 29.0  |



#20  
3+4-Methylphenols  
Concen: 38.368 ng  
RT: 7.03 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.0  | 75.5  | 115.5 |
| 77      | 84.1  | 80.2  | 120.2 |
| 79      | 29.3  | 9.5   | 49.5  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion:136 Resp: 1000503

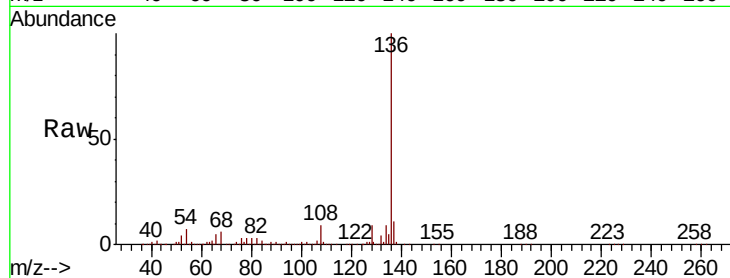
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 5.6 8.4

68 5.8 4.8 7.2

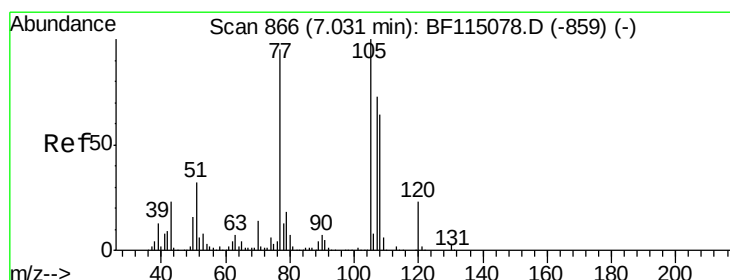
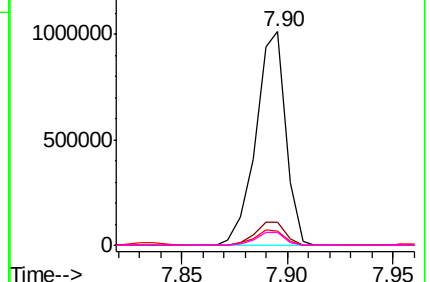
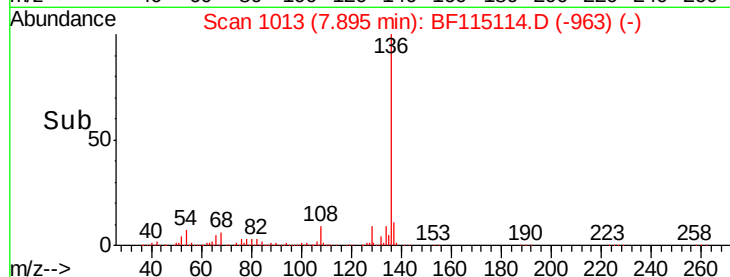


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.220 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Tgt Ion:105 Resp: 921241

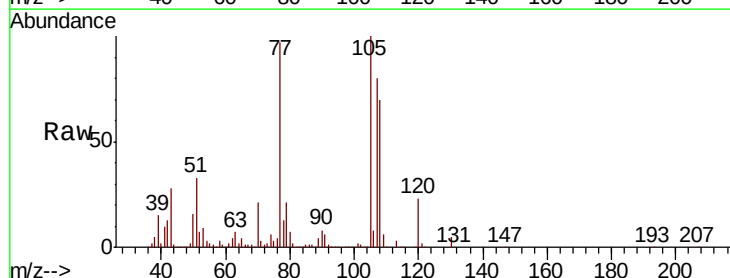
Ion Ratio Lower Upper

105 100

71 3.4 1.9 2.9#

51 33.1 25.8 38.8

120 23.4 18.5 27.7

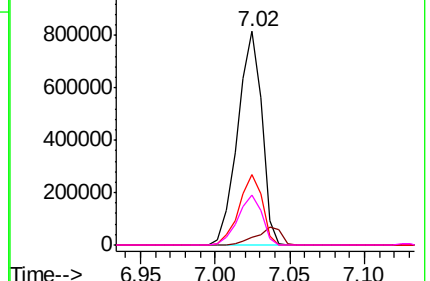
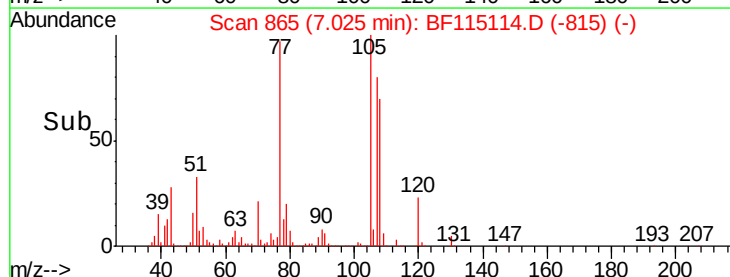


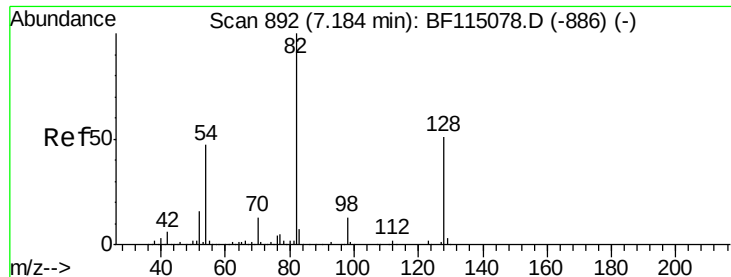
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

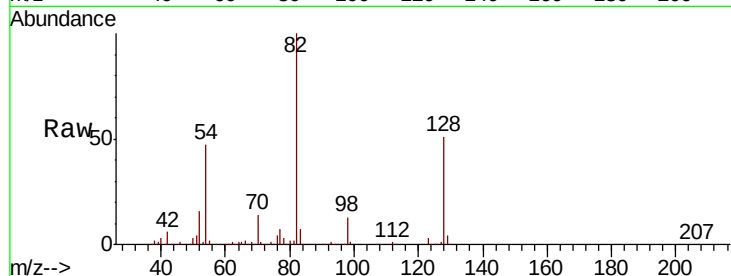




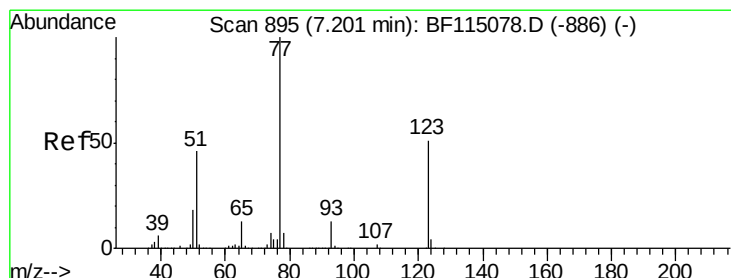
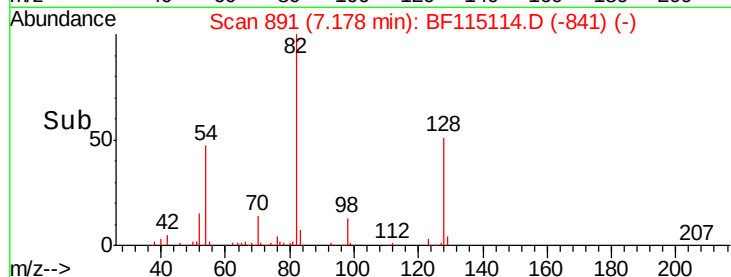
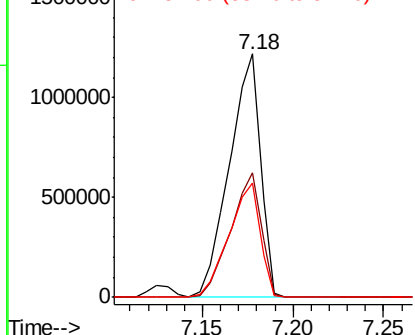
#23  
Nitrobenzene-d5  
Concen: 89.412 ng  
RT: 7.18 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion: 82 Resp: 1454218  
Ion Ratio Lower Upper  
82 100  
128 51.3 40.4 60.6  
54 47.0 37.5 56.3

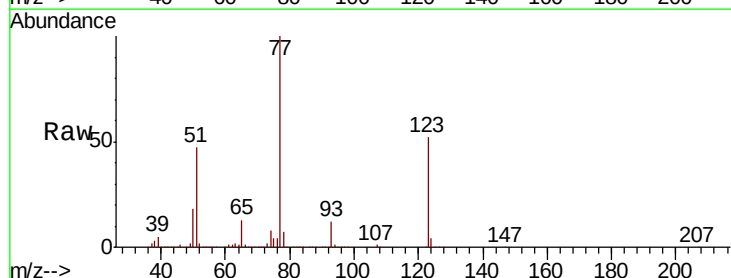


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

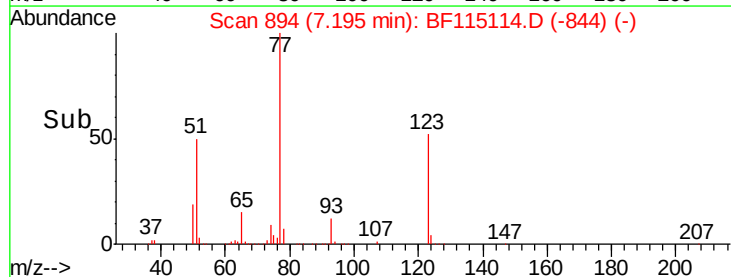
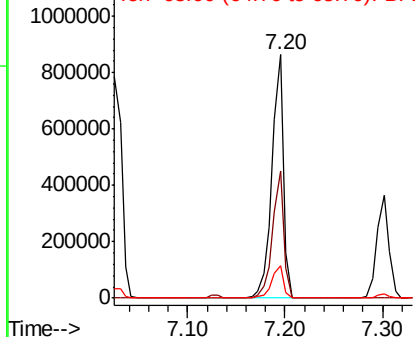


#24  
Nitrobenzene  
Concen: 40.161 ng  
RT: 7.20 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

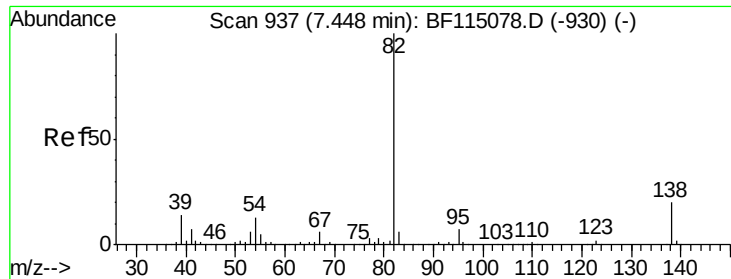
Tgt Ion: 77 Resp: 719613  
Ion Ratio Lower Upper  
77 100  
123 52.0 41.0 61.6  
65 13.1 10.5 15.7



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



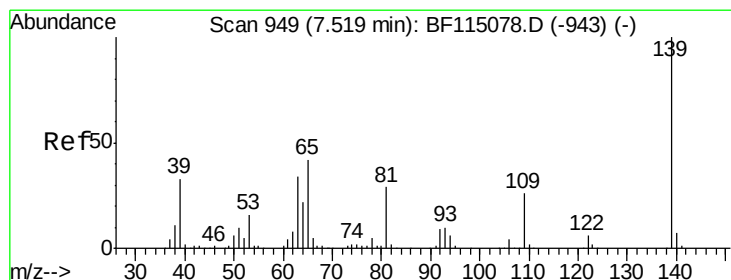
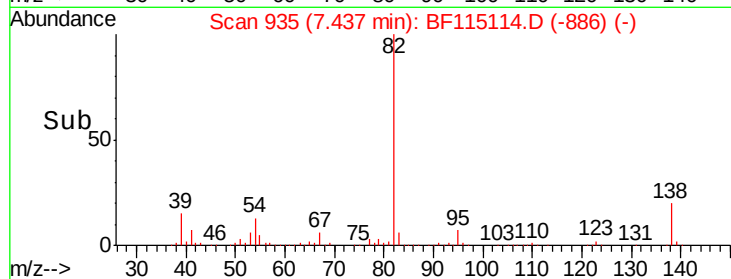
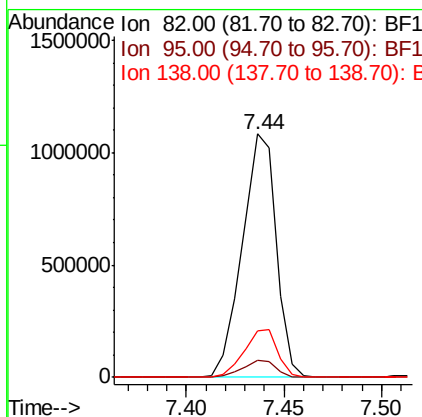
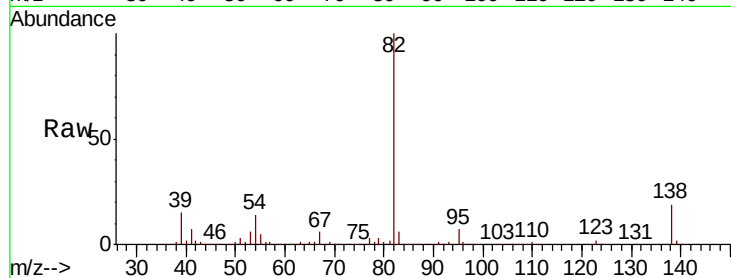




#25  
Isophorone  
Concen: 39.330 ng  
RT: 7.44 min Scan# 935  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

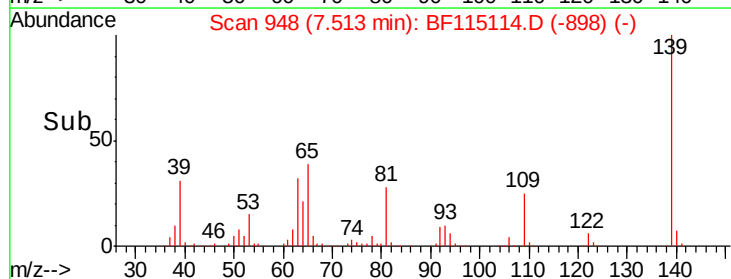
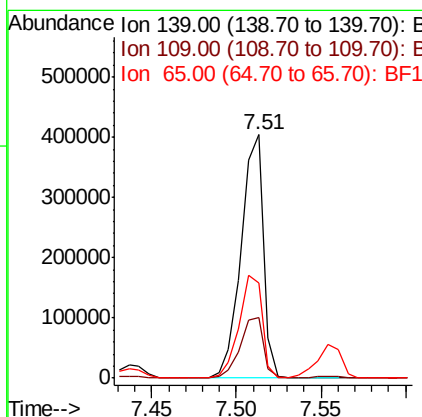
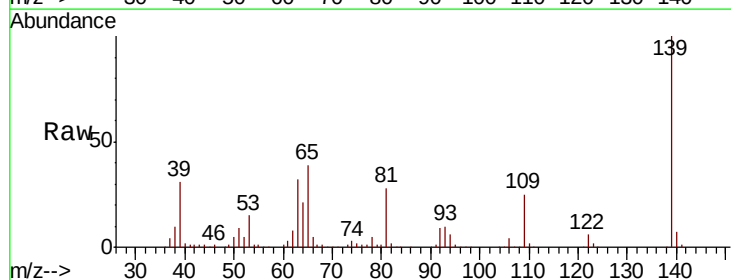
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

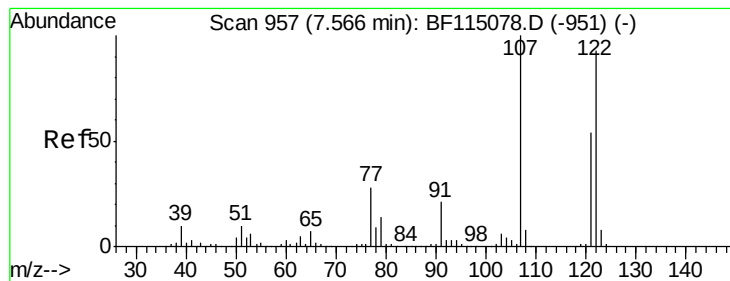
Tot Ion: 82 Resp: 1310385  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 19.2 15.9 23.9



#26  
2-Nitrophenol  
Concen: 42.190 ng  
RT: 7.51 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion: 139 Resp: 373330  
Ion Ratio Lower Upper  
139 100  
109 25.0 20.4 30.6  
65 39.0 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 44.807 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

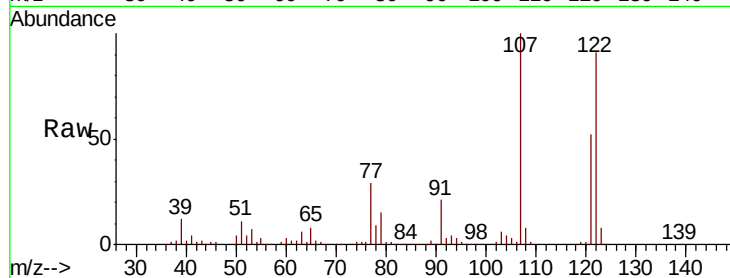
Tot Ion:122 Resp: 649161

Ion Ratio Lower Upper

122 100

107 109.9 85.8 128.6

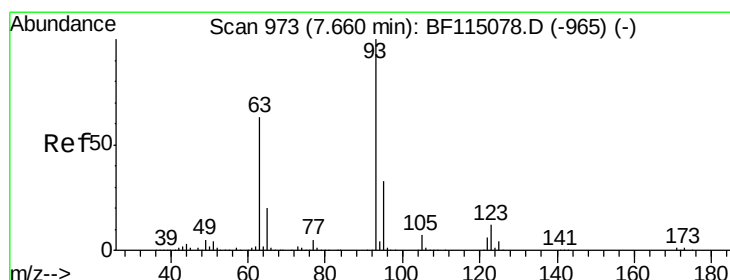
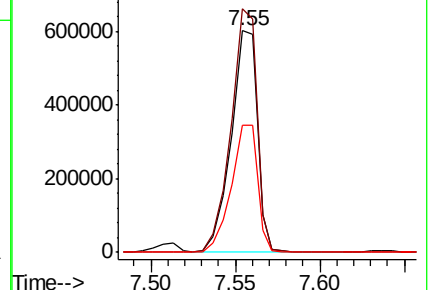
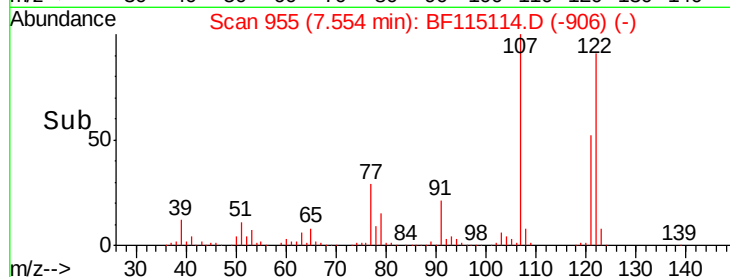
121 57.4 46.3 69.5



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: 39.426 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

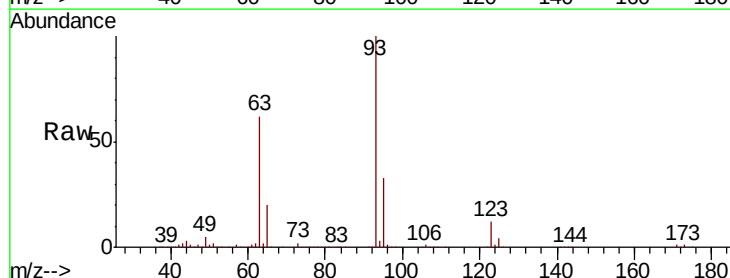
Tgt Ion: 93 Resp: 830250

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

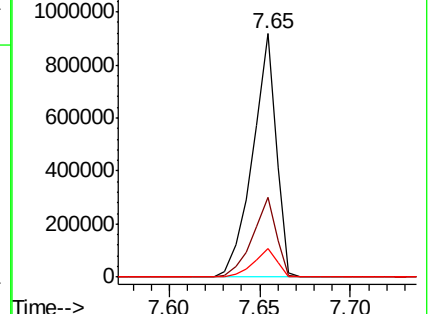
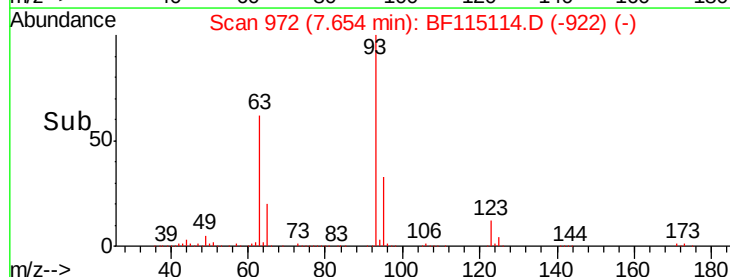
123 12.0 9.7 14.5

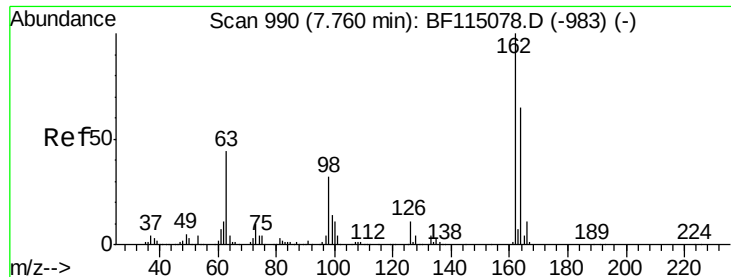


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

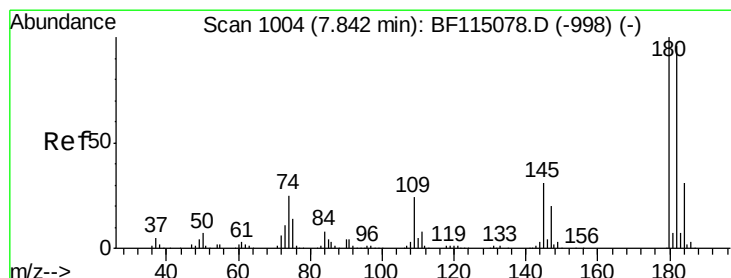
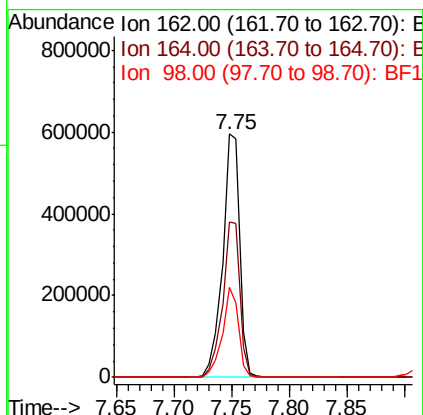
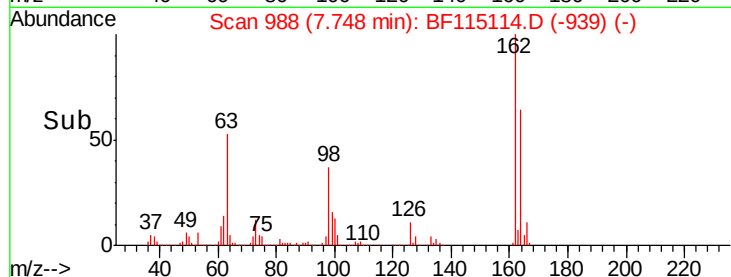
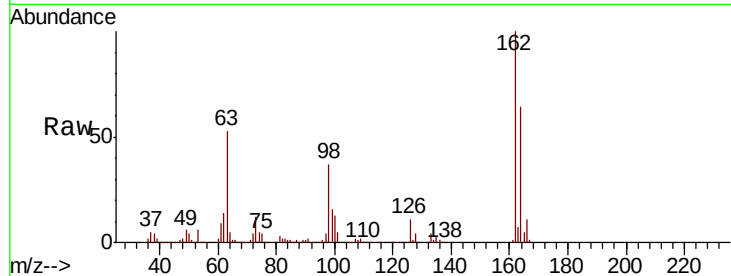




#29  
2,4-Dichlorophenol  
Concen: 40.913 ng  
RT: 7.75 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

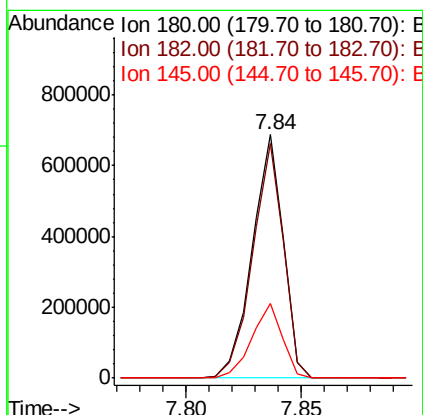
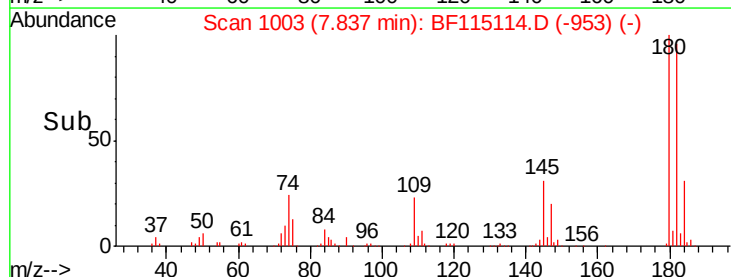
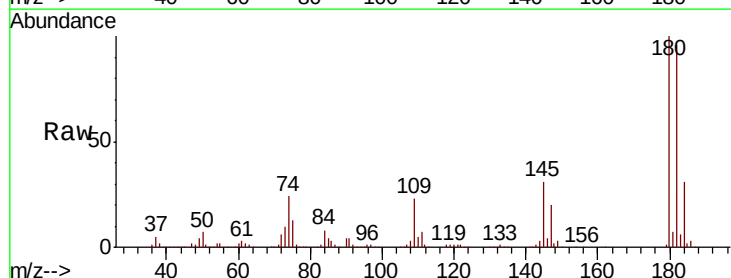
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

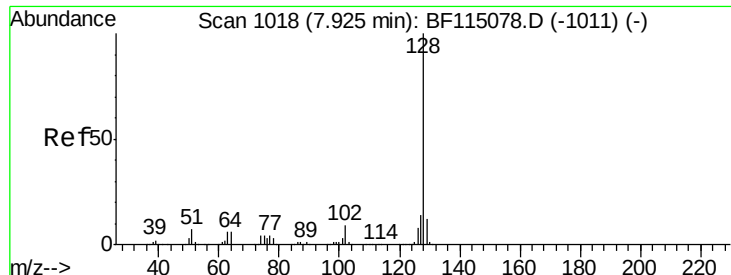
Tot Ion:162 Resp: 611701  
Ion Ratio Lower Upper  
162 100  
164 64.0 45.3 85.3  
98 36.9 12.5 52.5



#30  
1,2,4-Trichlorobenzene  
Concen: 38.955 ng  
RT: 7.84 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:180 Resp: 643348  
Ion Ratio Lower Upper  
180 100  
182 96.4 76.4 114.6  
145 30.6 24.8 37.2

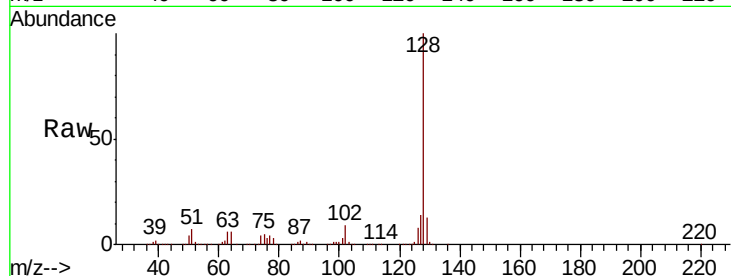




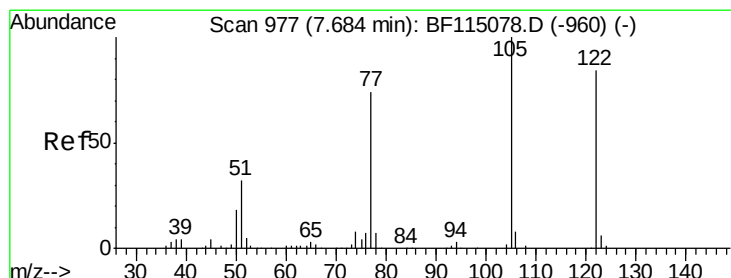
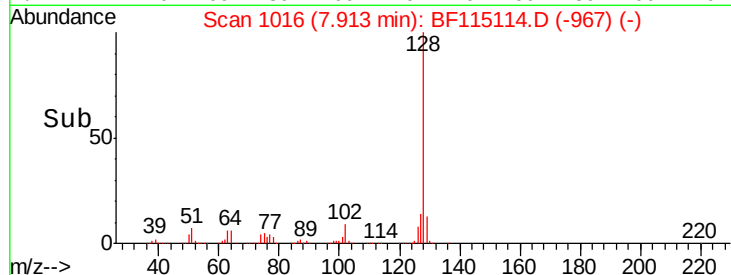
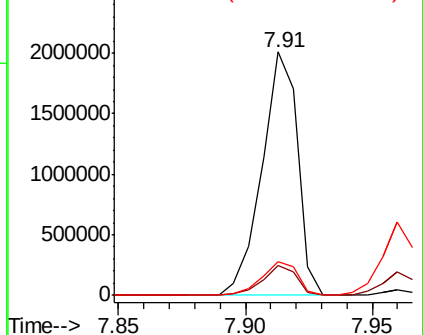
#31  
Naphthalene  
Concen: 40.320 ng  
RT: 7.91 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:128 Resp: 1980201  
Ion Ratio Lower Upper  
128 100  
129 12.5 9.6 14.4  
127 14.0 11.4 17.0

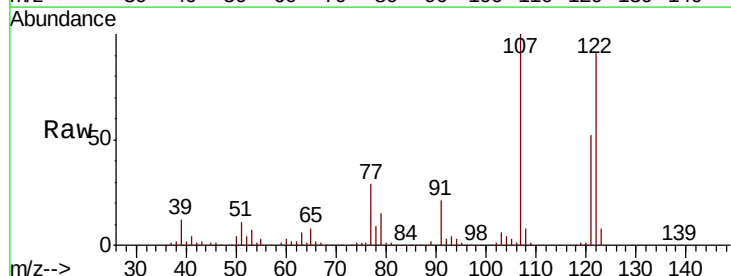


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

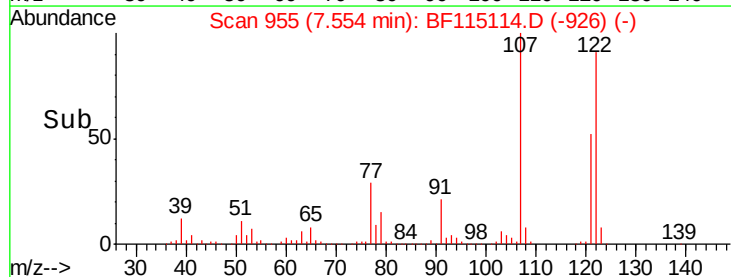
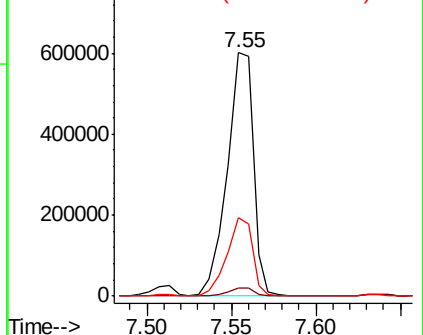


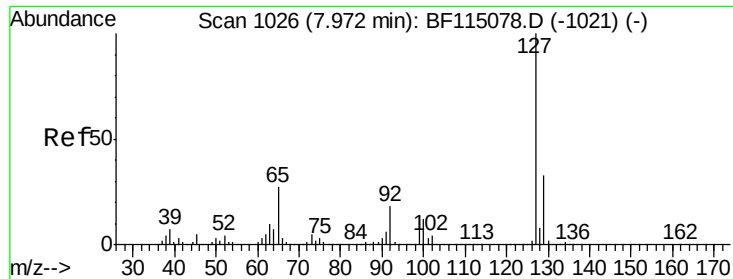
#32  
Benzoic acid  
Concen: 62.771 ng  
RT: 7.55 min Scan# 955  
Delta R.T. -0.13 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:122 Resp: 649161  
Ion Ratio Lower Upper  
122 100  
105 3.5 98.2 138.2#  
77 32.4 67.0 107.0#



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

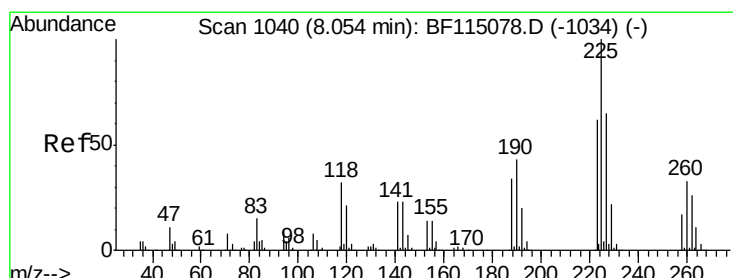
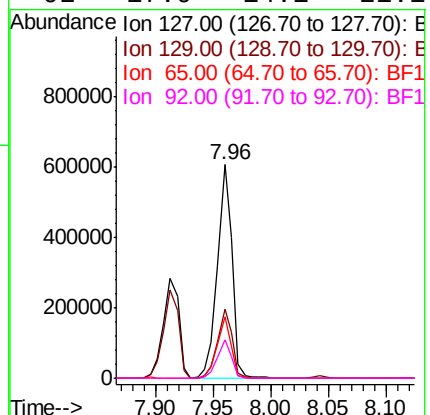
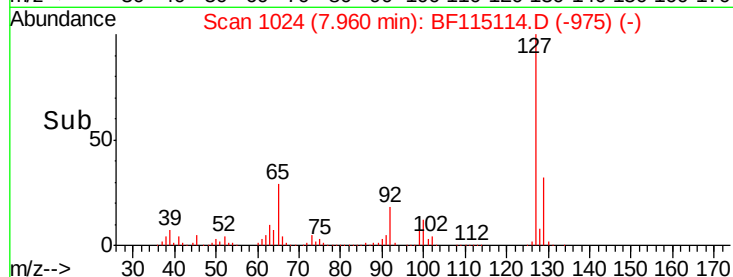
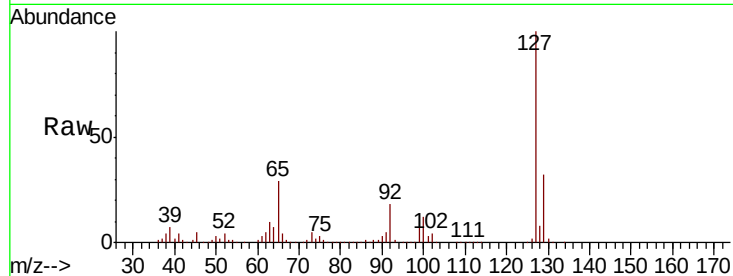




#33  
4-Chloroaniline  
Concen: 23.747 ng  
RT: 7.96 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

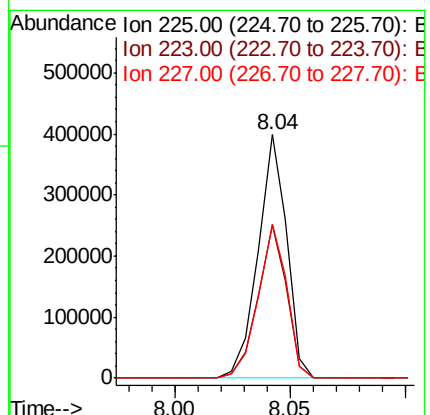
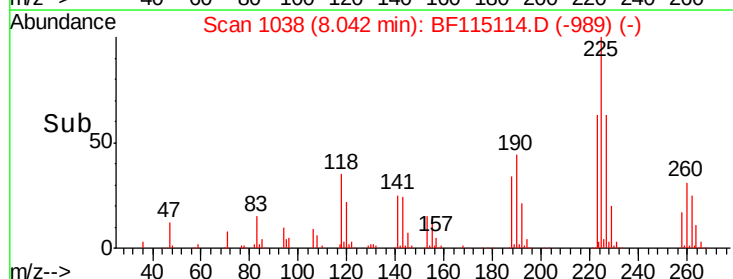
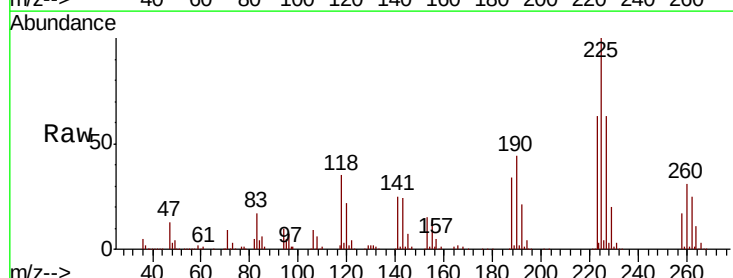
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

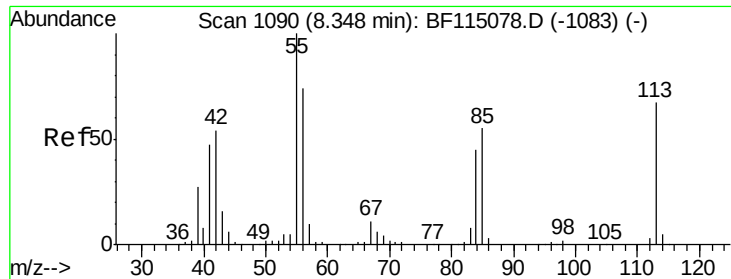
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 533008 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.1  | 39.1   |
| 65       | 28.5  | 21.4  | 32.2   |
| 92       | 17.9  | 14.1  | 21.1   |



#34  
Hexachlorobutadiene  
Concen: 38.129 ng  
RT: 8.04 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 345078 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 49.4  | 74.2   |
| 227      | 63.2  | 51.8  | 77.8   |

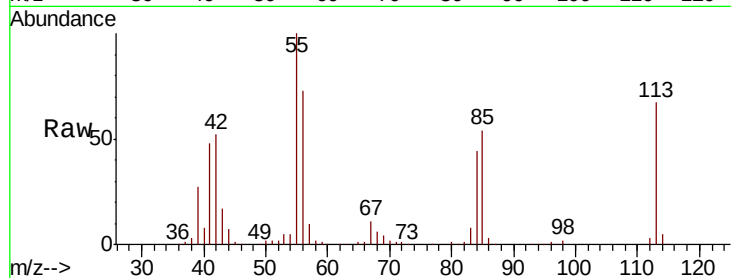




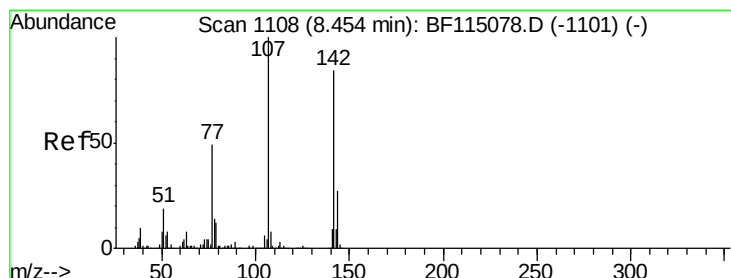
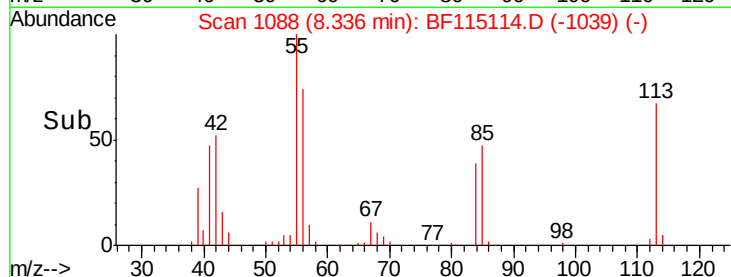
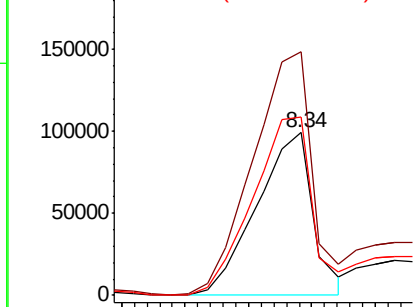
#35  
 Caprolactam  
 Concen: 24.372 ng  
 RT: 8.34 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

Tot Ion:113 Resp: 122513  
 Ion Ratio Lower Upper  
 113 100  
 55 149.8 130.2 170.2  
 56 110.0 91.6 131.6

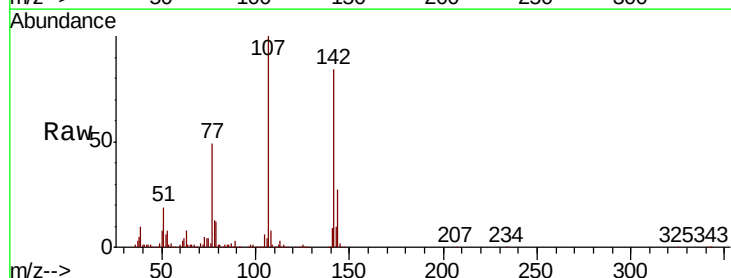


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

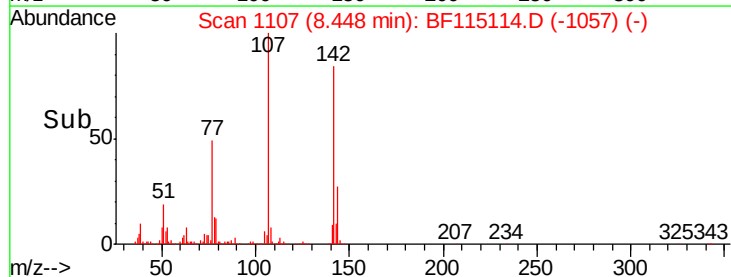
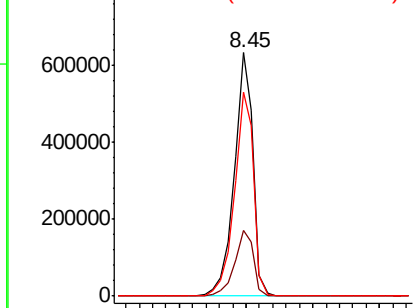


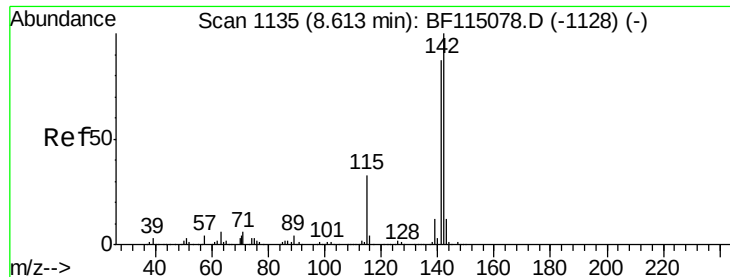
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.076 ng  
 RT: 8.45 min Scan# 1107  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Tgt Ion:107 Resp: 621961  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.7 32.5  
 142 83.9 67.0 100.4



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

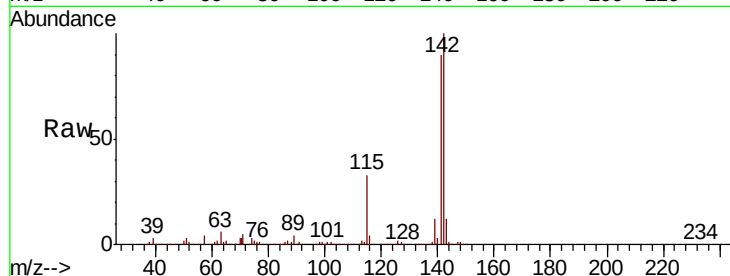




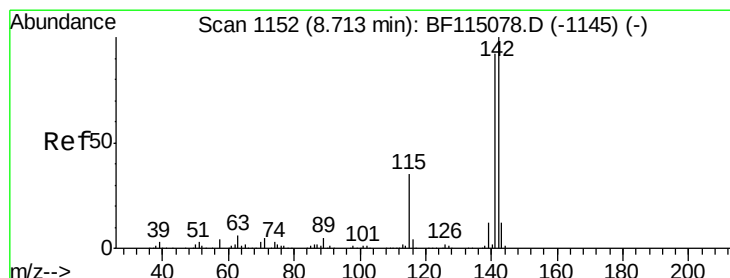
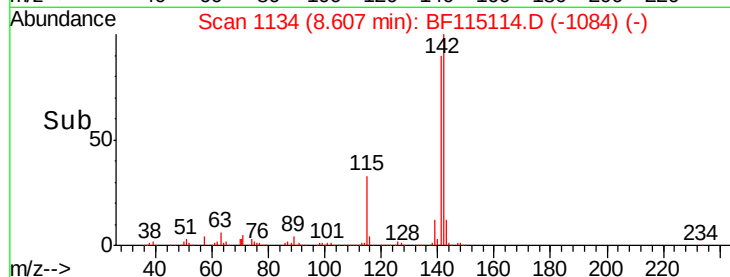
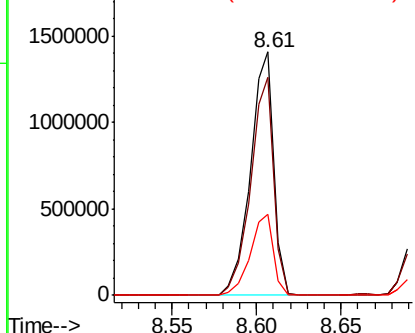
#37  
2-Methylnaphthalene  
Concen: 40.992 ng  
RT: 8.61 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:142 Resp: 1357408  
Ion Ratio Lower Upper  
142 100  
141 89.6 69.8 104.6  
115 33.1 26.7 40.1

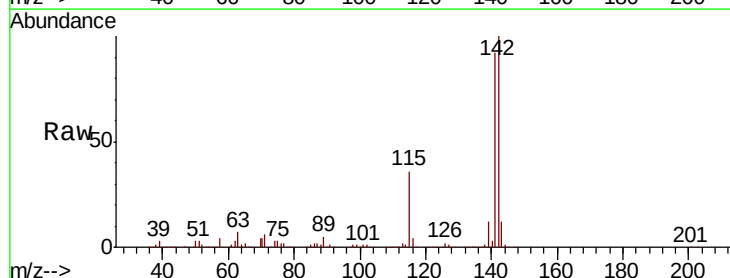


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

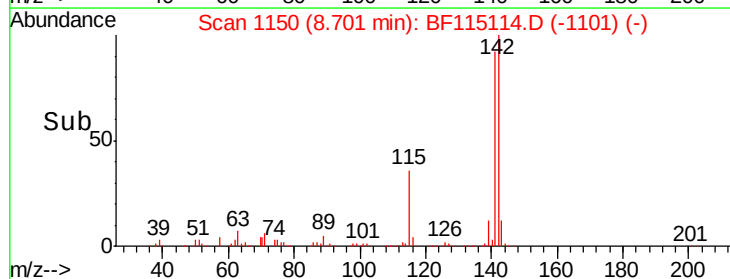
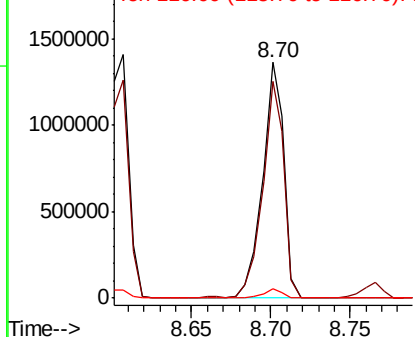


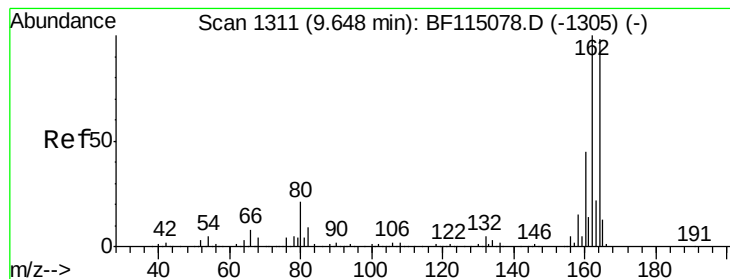
#38  
1-Methylnaphthalene  
Concen: 40.497 ng  
RT: 8.70 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:142 Resp: 1280778  
Ion Ratio Lower Upper  
142 100  
141 92.1 73.8 110.8  
116 3.8 2.8 4.2



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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

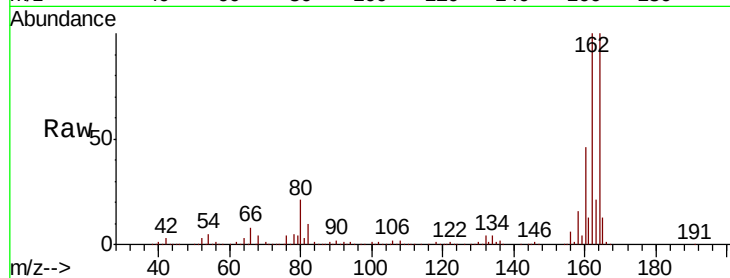
Tot Ion:164 Resp: 496588

Ion Ratio Lower Upper

164 100

162 100.5 81.7 122.5

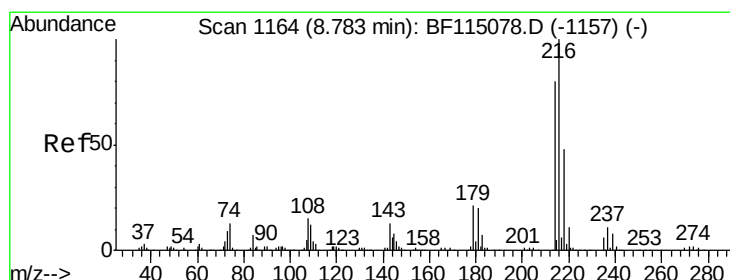
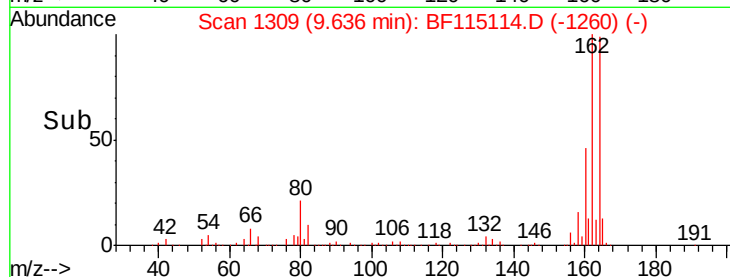
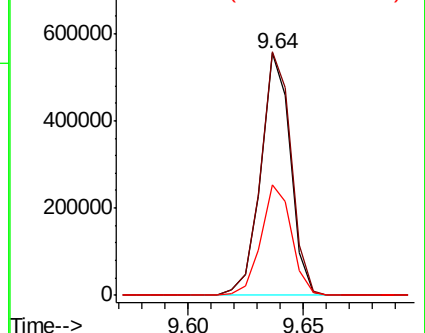
160 45.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.558 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Tgt Ion:216 Resp: 555113

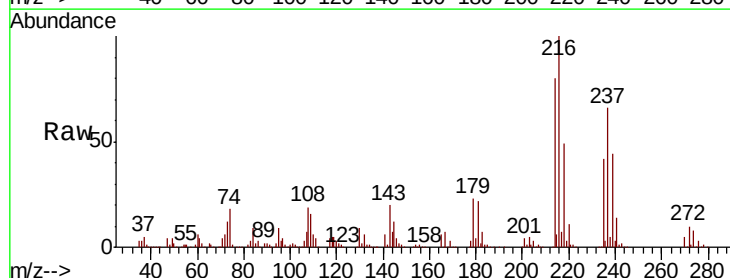
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 22.3 17.6 26.4

108 20.9 15.7 23.5

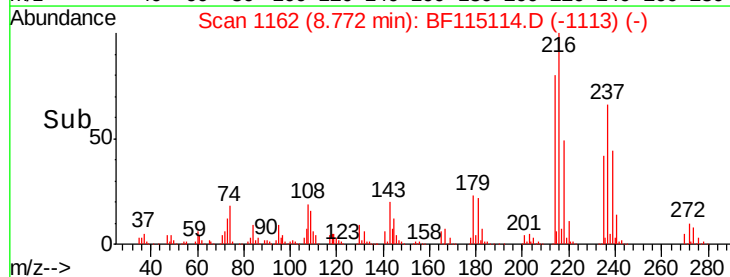
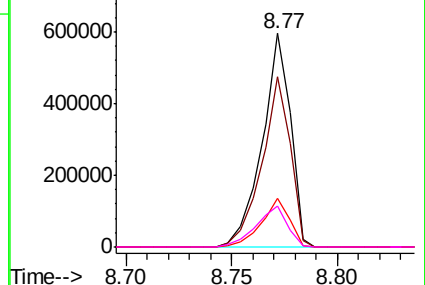


Abundance Ion 216.00 (215.70 to 216.70): E

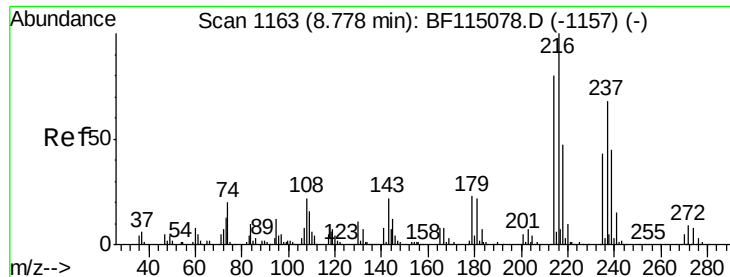
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 75.955 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

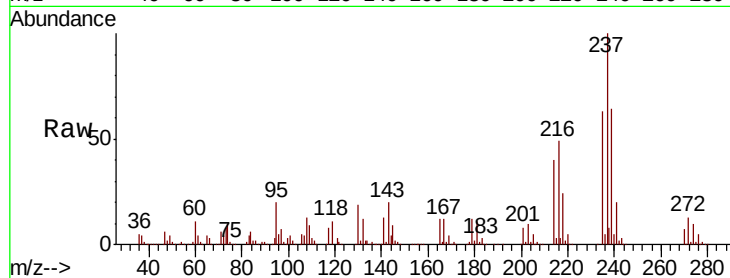
Tot Ion:237 Resp: 632014

Ion Ratio Lower Upper

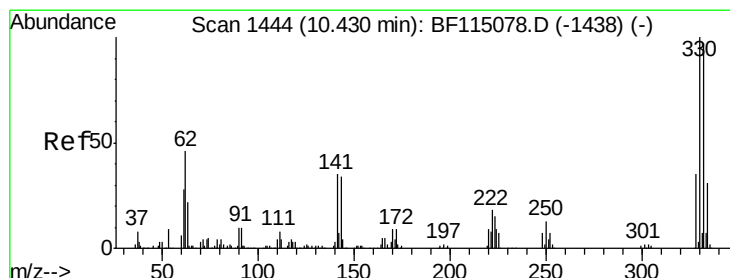
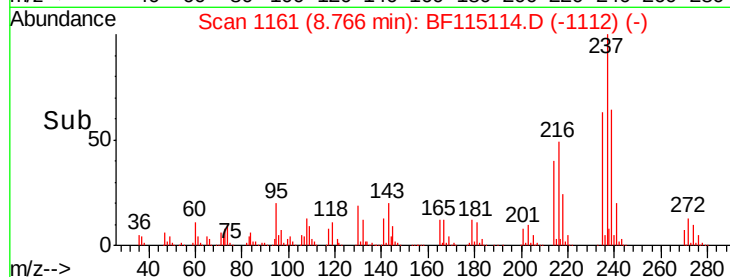
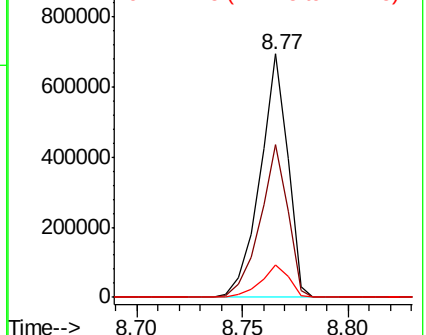
237 100

235 62.8 43.9 83.9

272 13.2 0.0 33.8



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: 112.183 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

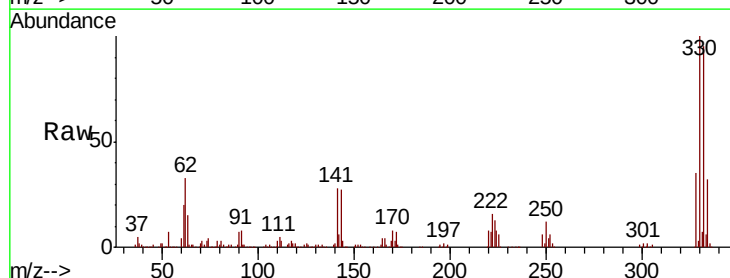
Tgt Ion:330 Resp: 587466

Ion Ratio Lower Upper

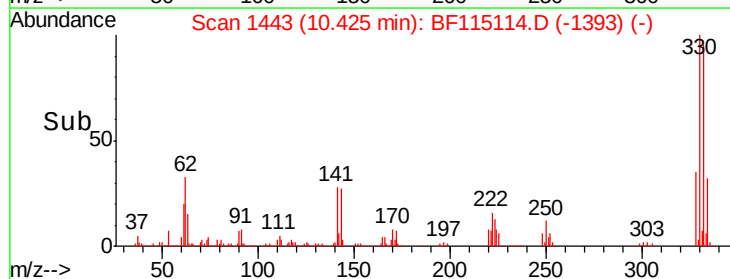
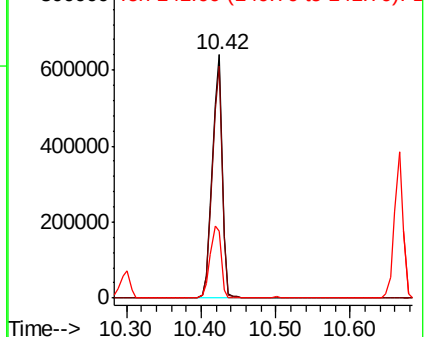
330 100

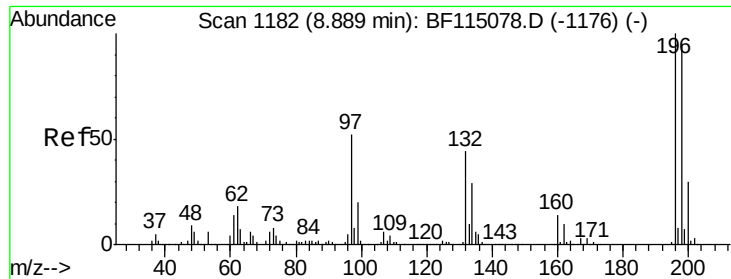
332 95.9 77.3 115.9

141 33.5 28.2 42.2



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

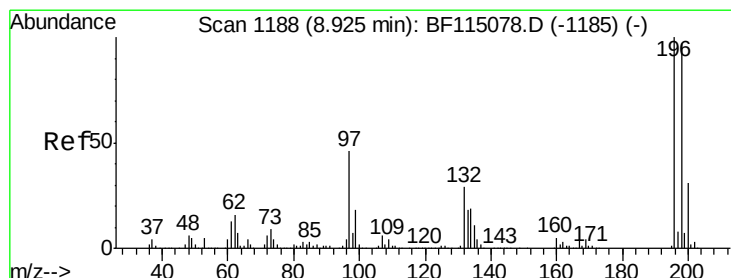
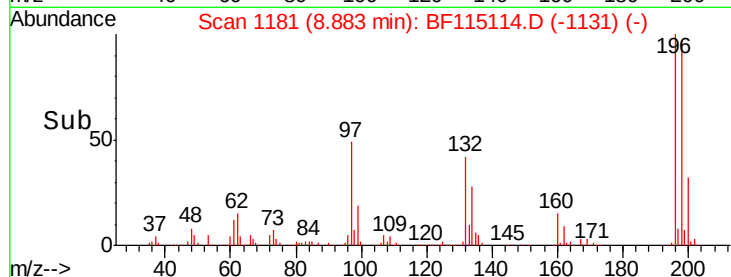
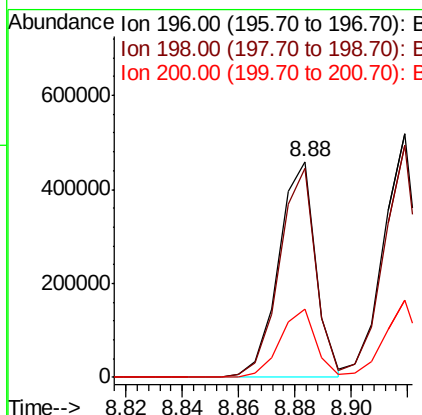
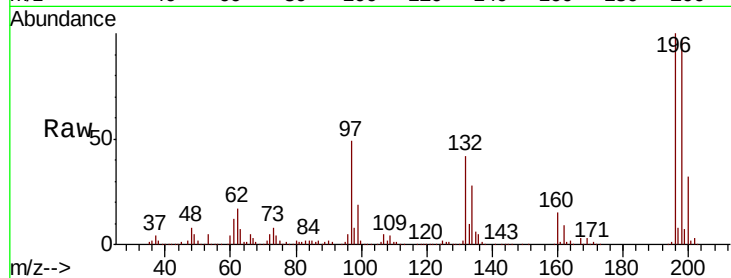




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.590 ng  
 RT: 8.88 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

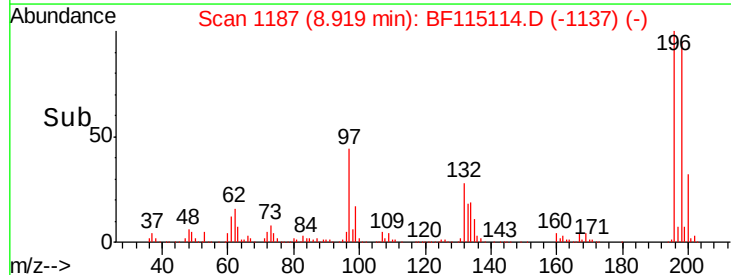
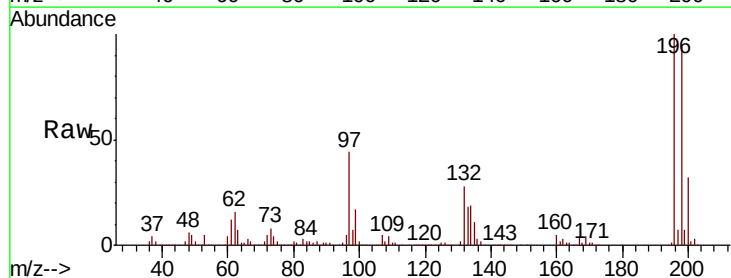
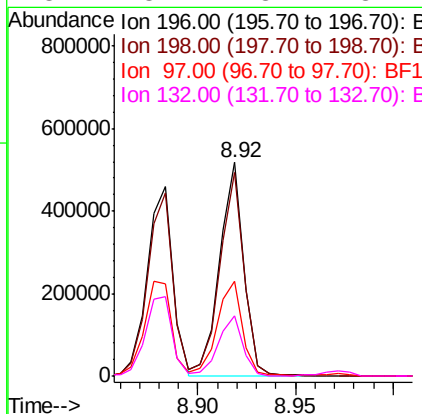
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

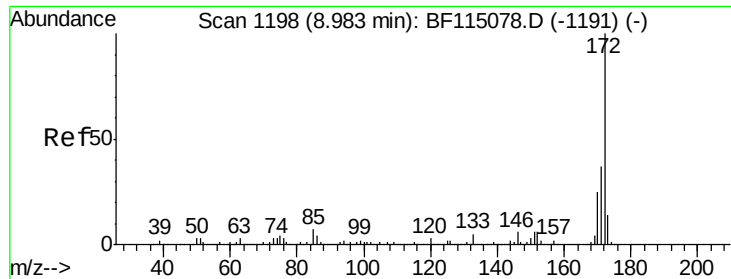
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 76.3  | 114.5 |
| 200     | 31.7  | 24.2  | 36.4  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.763 ng  
 RT: 8.92 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 77.1  | 115.7 |
| 97      | 44.2  | 37.7  | 56.5  |
| 132     | 28.2  | 23.1  | 34.7  |

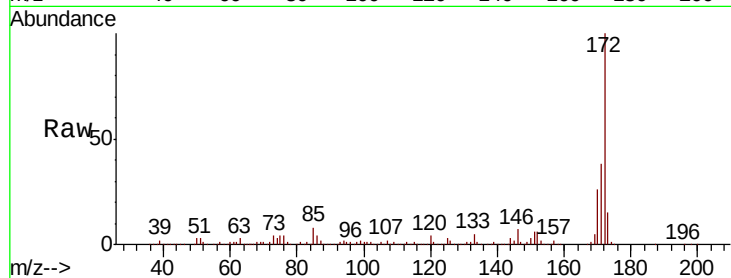




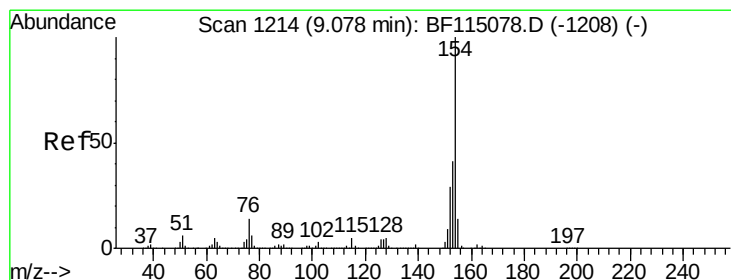
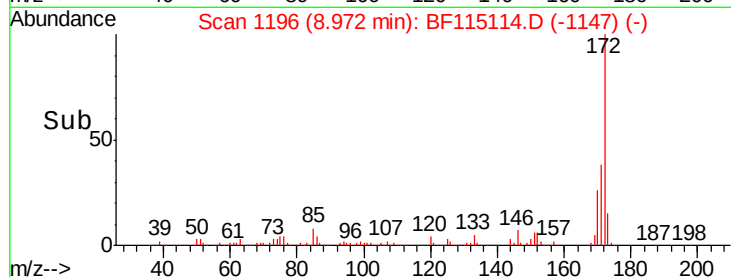
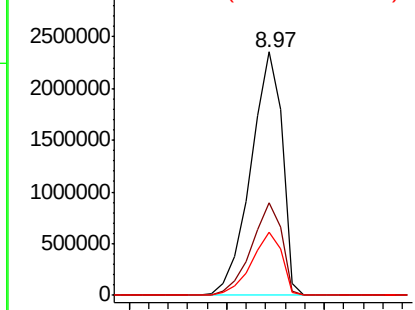
#45  
2-Fluorobiphenyl  
Concen: 89.369 ng  
RT: 8.97 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:172 Resp: 2612683  
Ion Ratio Lower Upper  
172 100  
171 37.8 29.8 44.6  
170 25.8 20.3 30.5

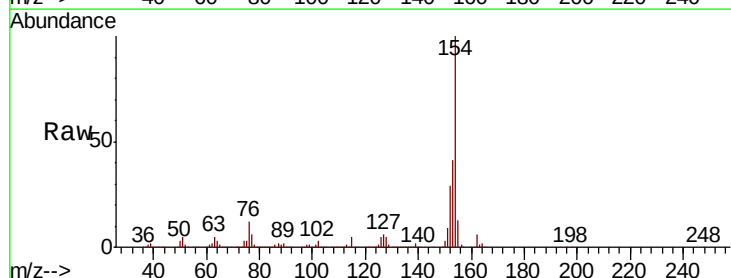


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

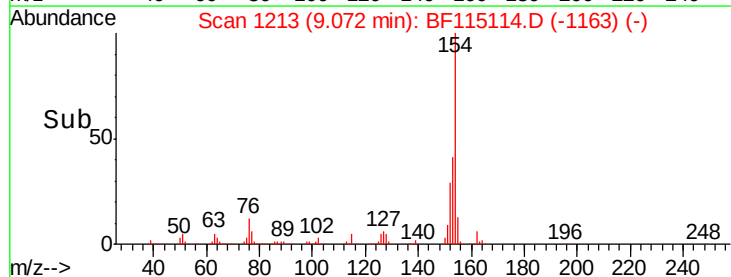
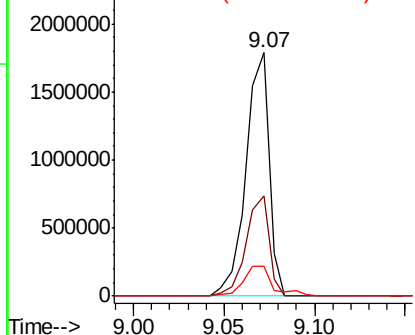


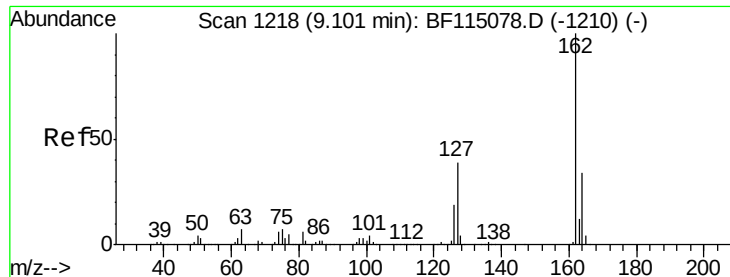
#46  
1,1'-Biphenyl  
Concen: 39.981 ng  
RT: 9.07 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:154 Resp: 1588594  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.9 60.9  
76 12.4 0.0 34.1



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

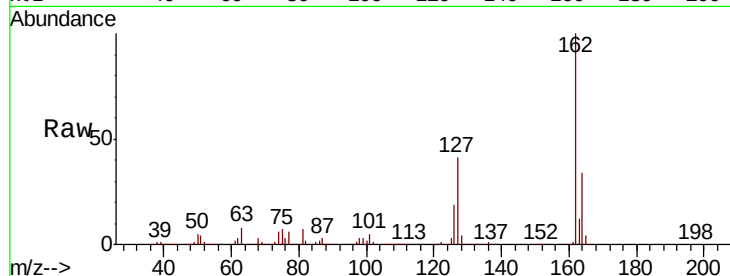




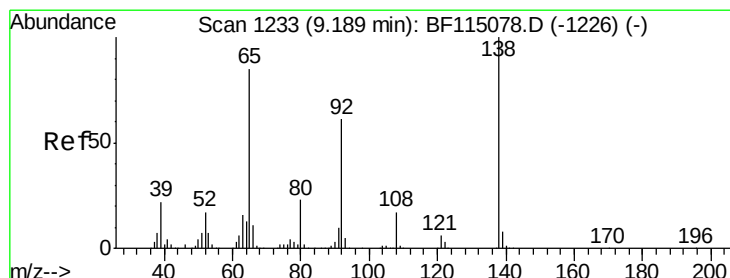
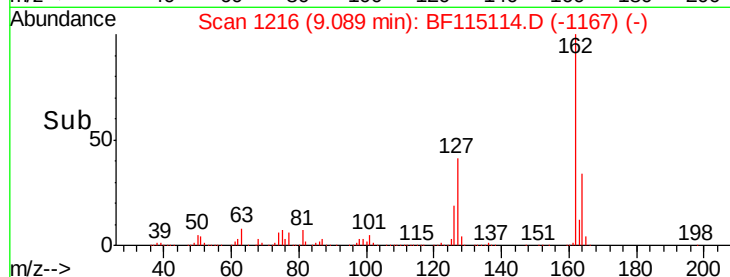
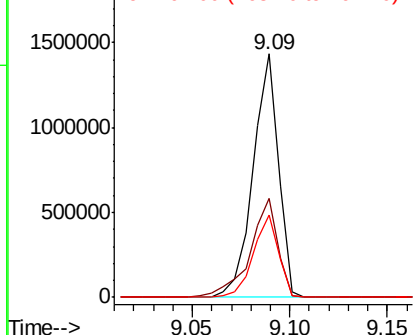
#47  
2-Chloronaphthalene  
Concen: 40.135 ng  
RT: 9.09 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:162 Resp: 1293556  
Ion Ratio Lower Upper  
162 100  
127 40.6 30.8 46.2  
164 33.8 27.0 40.4

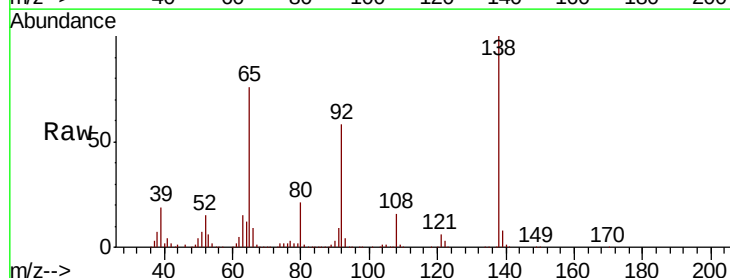


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

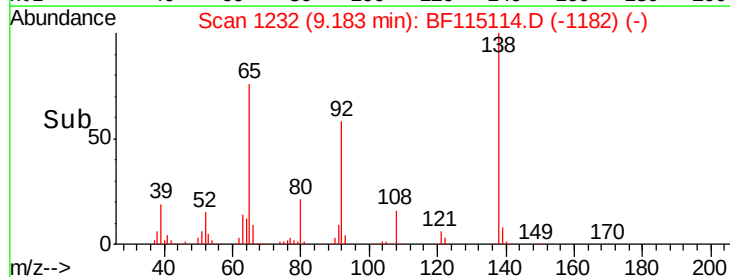
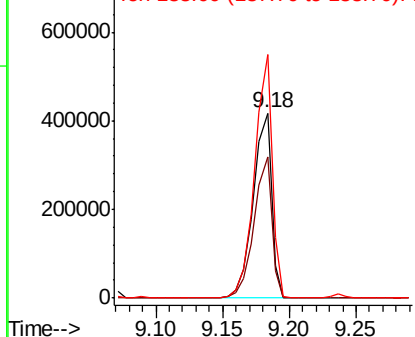


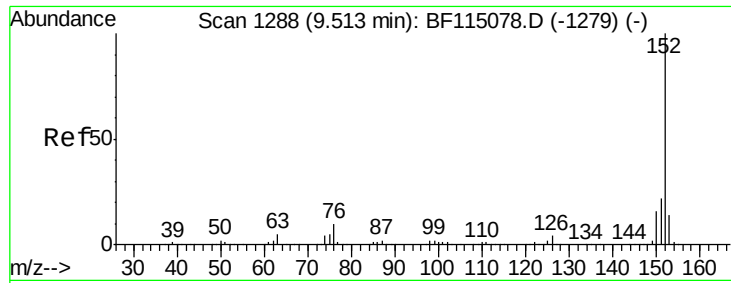
#48  
2-Nitroaniline  
Concen: 41.847 ng  
RT: 9.18 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion: 65 Resp: 393217  
Ion Ratio Lower Upper  
65 100  
92 76.3 57.4 86.2  
138 131.6 94.1 141.1



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: 40.701 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

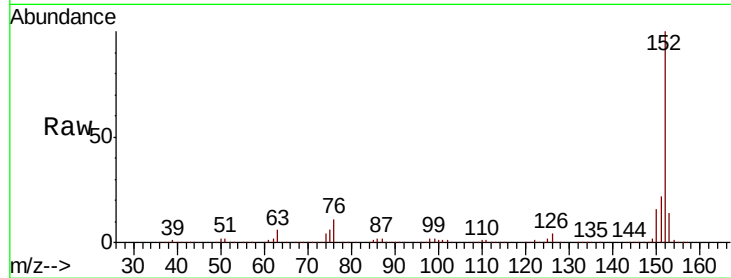
Tot Ion:152 Resp: 2043868

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

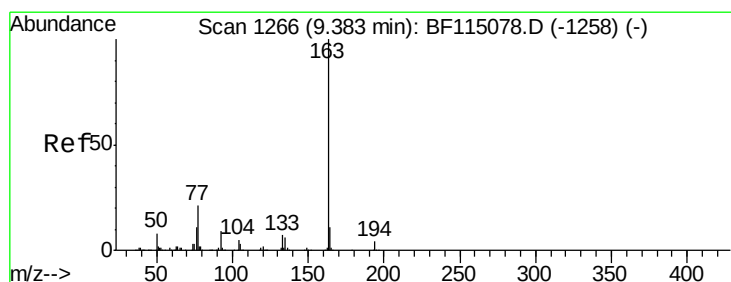
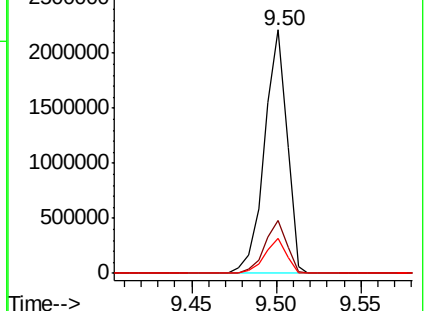
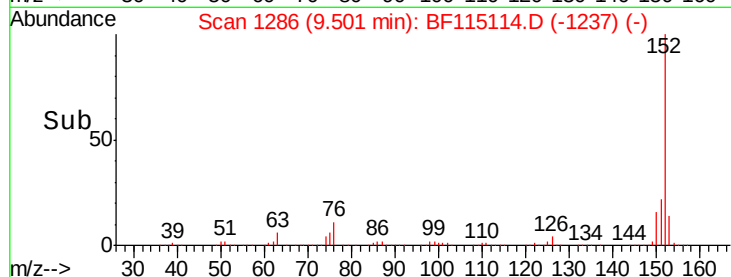
153 14.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.554 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

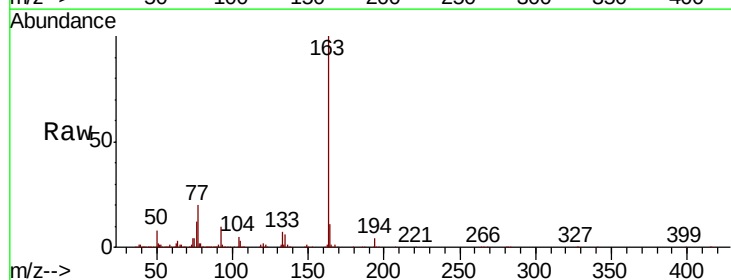
Tgt Ion:163 Resp: 1773913

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

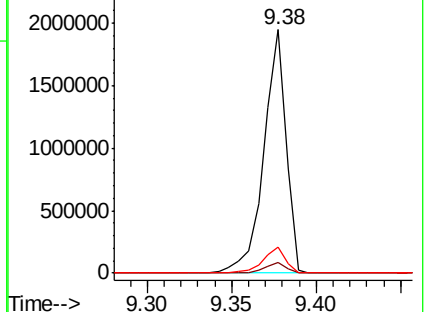
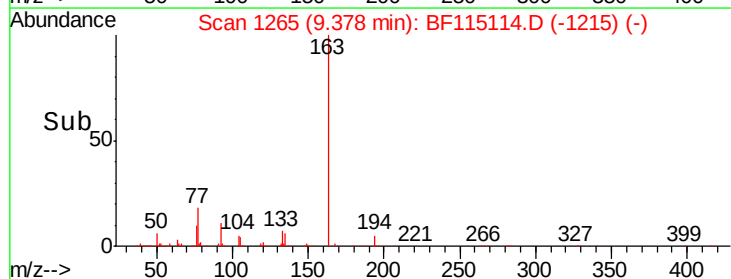
164 10.9 8.6 13.0

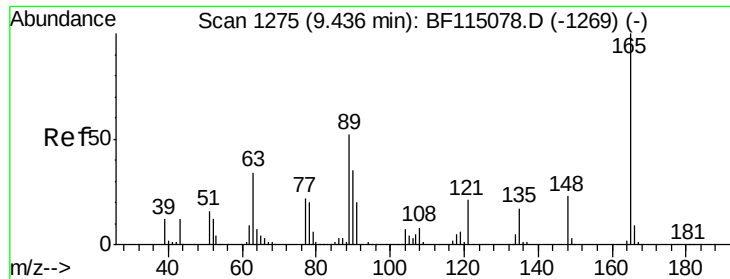


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

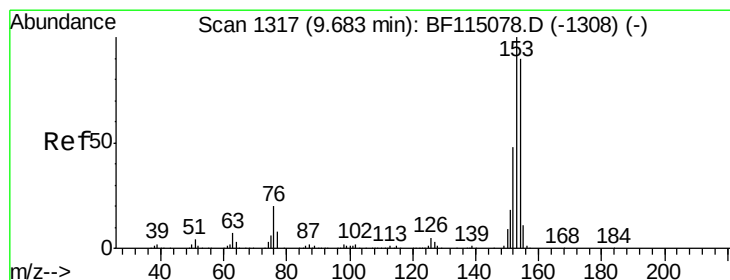
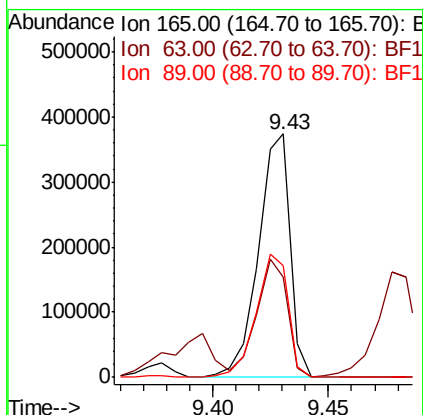
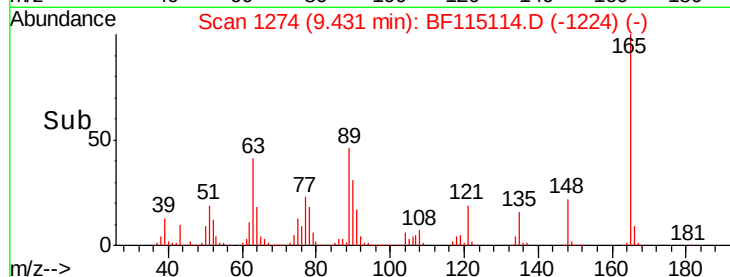
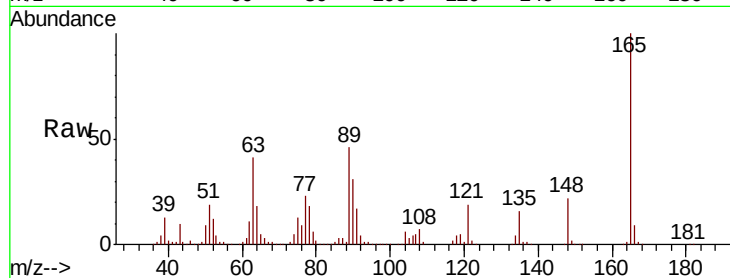




#51  
2,6-Dinitrotoluene  
Concen: 42.472 ng  
RT: 9.43 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

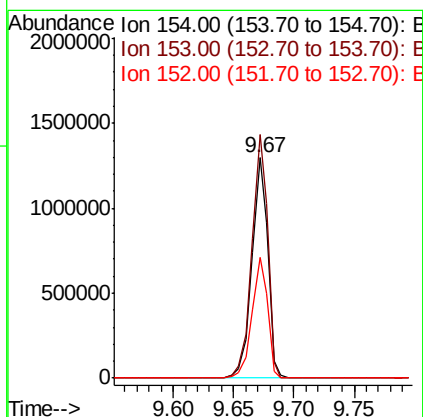
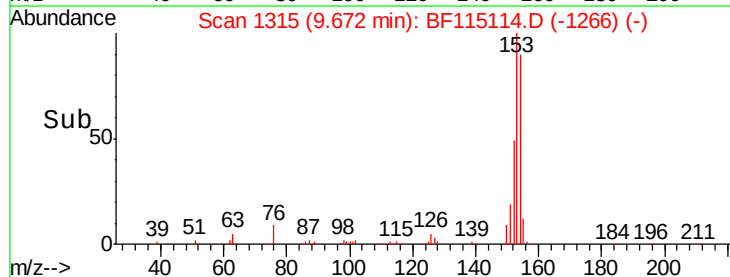
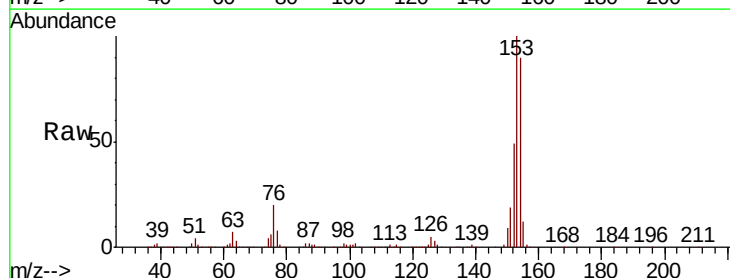
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

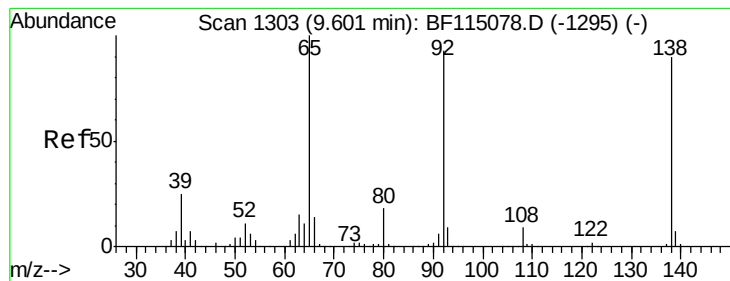
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 41.2  | 39.4  | 59.2  |
| 89      | 46.0  | 42.0  | 63.0  |



#52  
Acenaphthene  
Concen: 38.063 ng  
RT: 9.67 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.6 | 88.7  | 133.1 |
| 152     | 54.7  | 42.6  | 64.0  |





#53

3-Nitroaniline

Concen: 31.495 ng

RT: 9.59 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

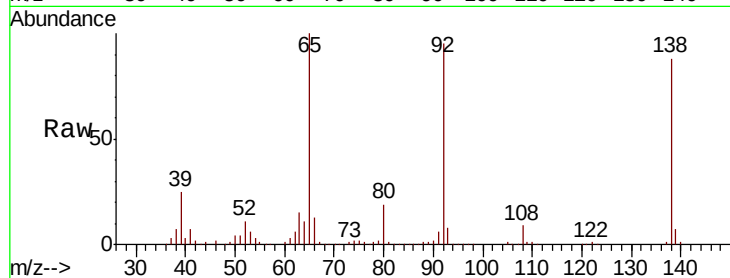
Tot Ion:138 Resp: 324182

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

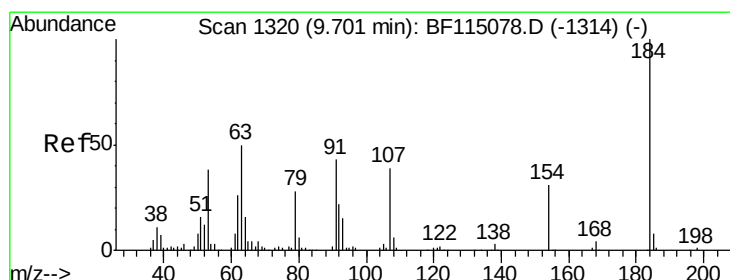
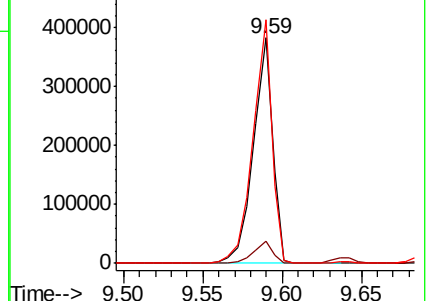
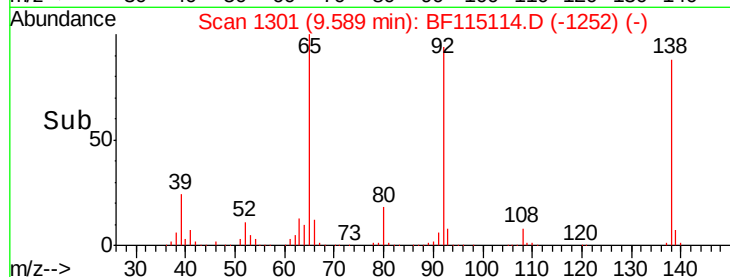
92 108.0 82.9 124.3



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: 13.272 ng

RT: 9.69 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

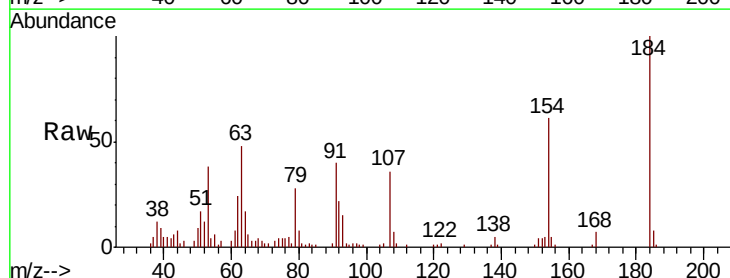
Tgt Ion:184 Resp: 28330

Ion Ratio Lower Upper

184 100

63 48.2 41.9 62.9

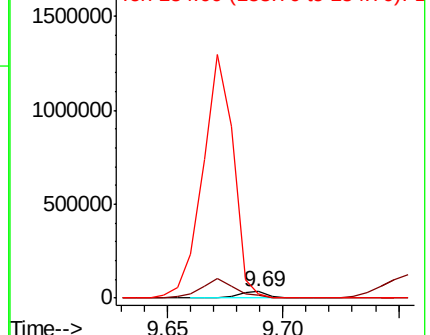
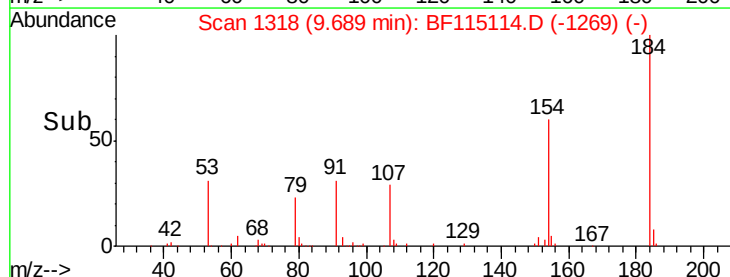
154 60.8 44.7 67.1

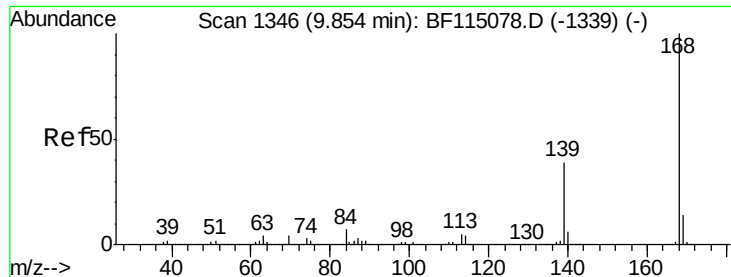


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

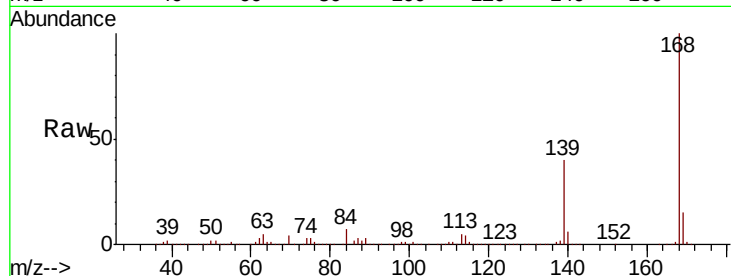




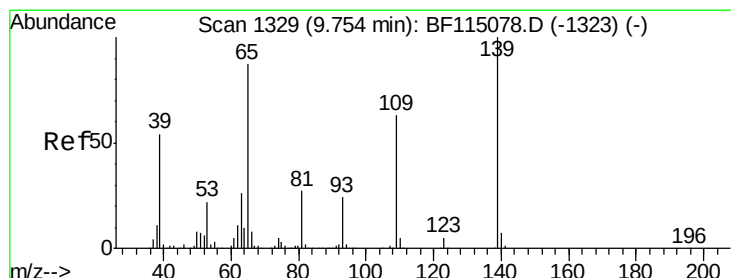
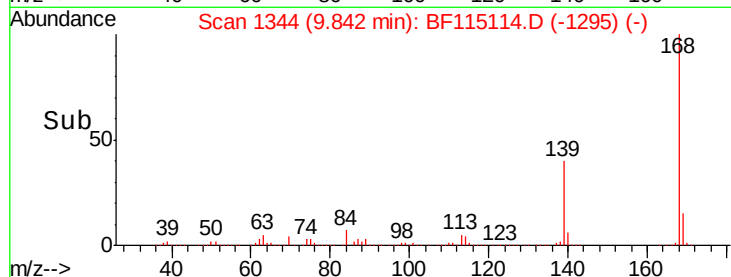
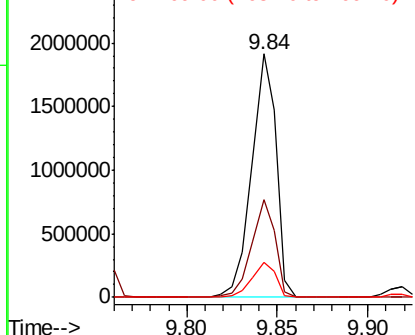
#55  
Dibenzofuran  
Concen: 39.697 ng  
RT: 9.84 min Scan# 1344  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:168 Resp: 1790342  
Ion Ratio Lower Upper  
168 100  
139 40.1 31.1 46.7  
169 14.5 11.3 16.9

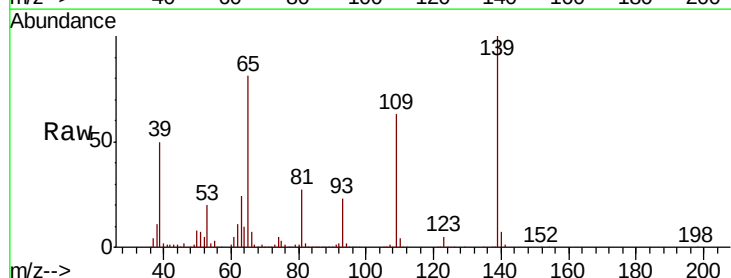


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

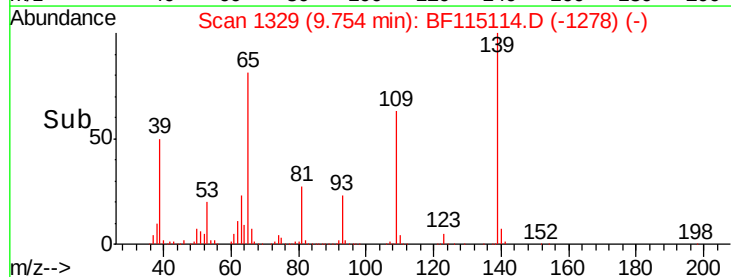
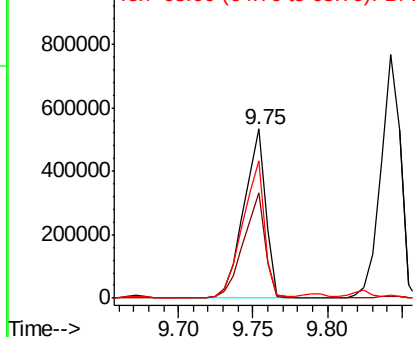


#56  
4-Nitrophenol  
Concen: 66.295 ng  
RT: 9.75 min Scan# 1329  
Delta R.T. 0.00 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

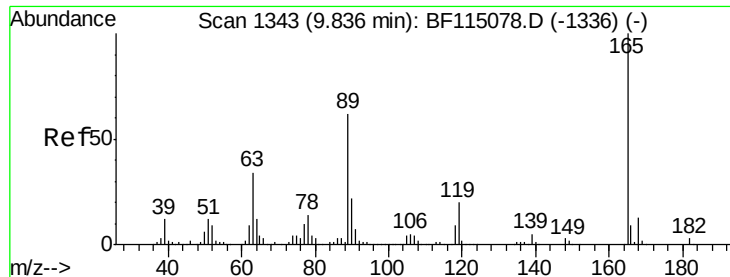
Tgt Ion:139 Resp: 547073  
Ion Ratio Lower Upper  
139 100  
109 62.6 43.0 83.0  
65 81.1 67.0 107.0



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



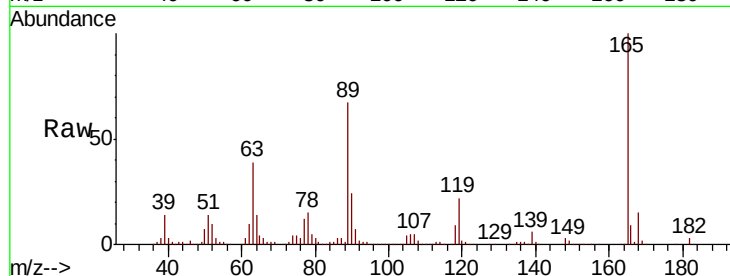




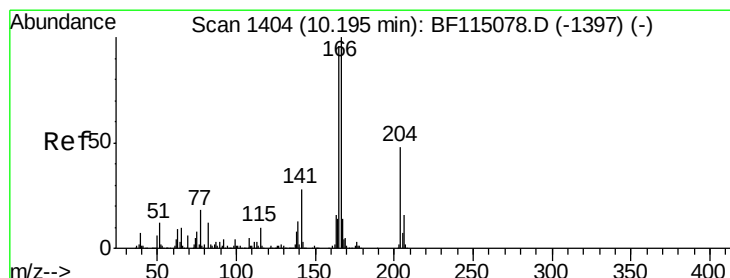
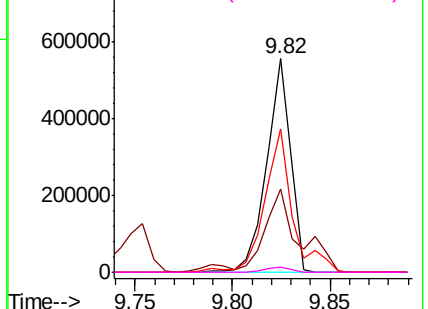
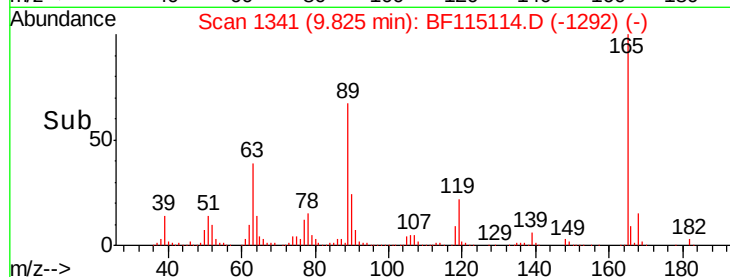
#57  
 2,4-Dinitrotoluene  
 Concen: 43.278 ng  
 RT: 9.82 min Scan# 1341  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 471346    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 38.7  | 27.5 41.3 |
| 89          | 67.4  | 49.9 74.9 |
| 182         | 2.6   | 2.1 3.1   |

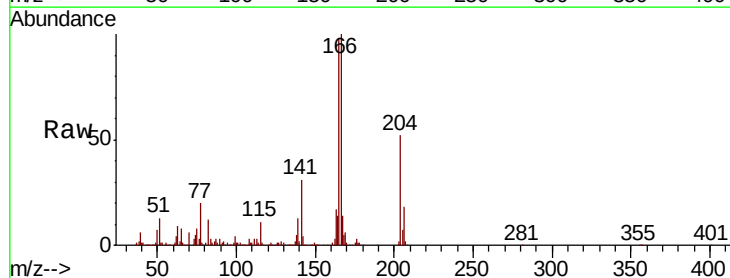


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

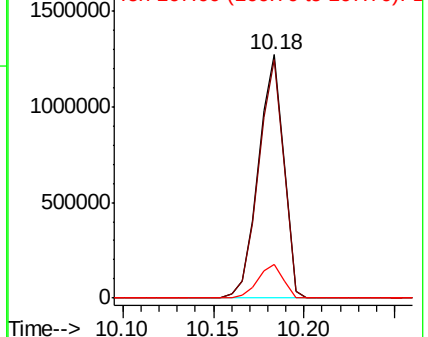
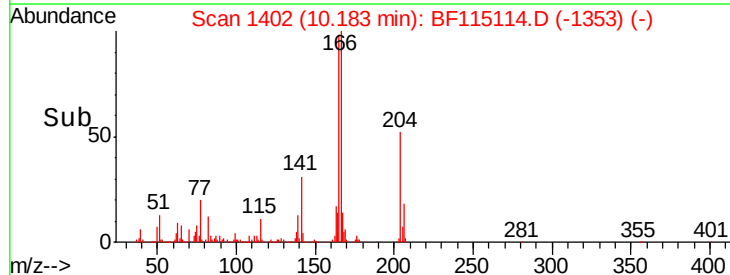


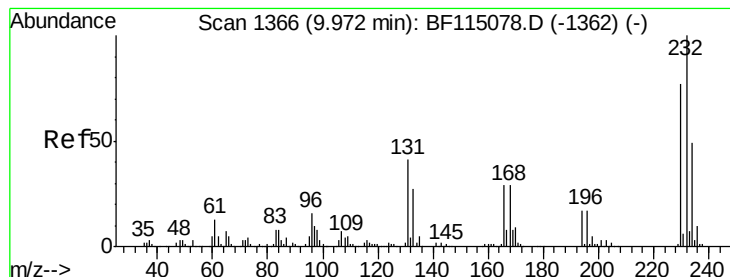
#58  
 Fluorene  
 Concen: 40.546 ng  
 RT: 10.18 min Scan# 1402  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 1237058    |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.8  | 76.5 114.7 |
| 167         | 13.8  | 11.0 16.4  |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 33.516 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion:232 Resp: 313542

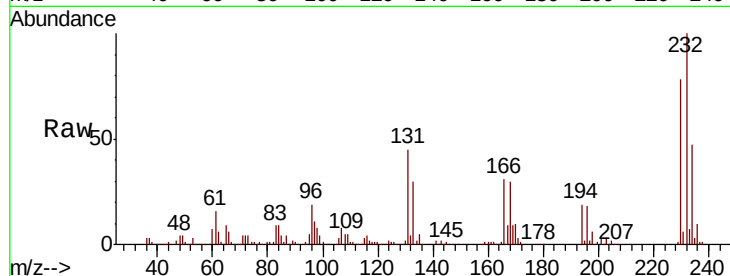
Ion Ratio Lower Upper

232 100

131 45.4 37.4 56.0

130 2.2 1.8 2.6

166 30.7 24.6 36.8

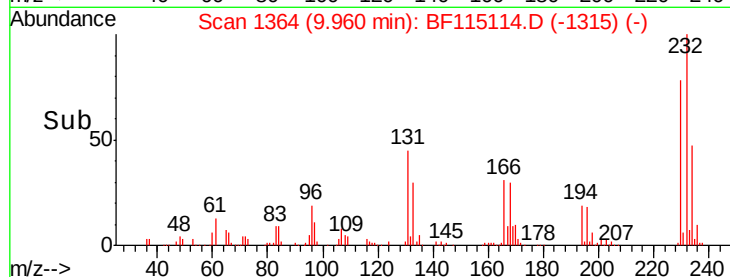


Abundance Ion 232.00 (231.70 to 232.70): E

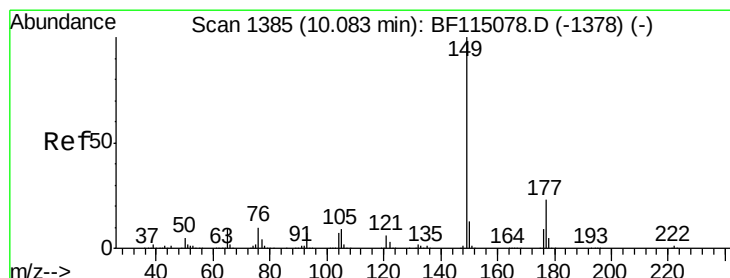
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 40.242 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

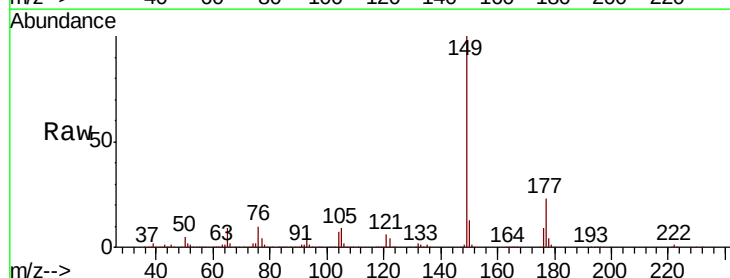
Tgt Ion:149 Resp: 1477893

Ion Ratio Lower Upper

149 100

177 23.1 18.7 28.1

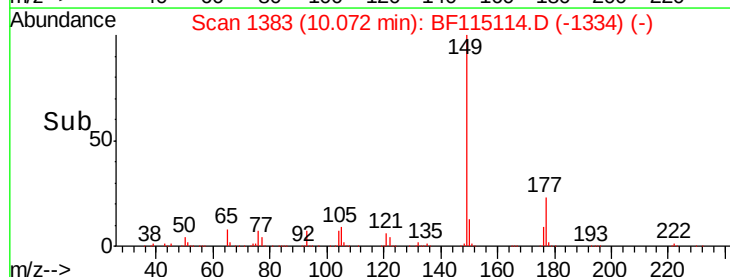
150 13.0 10.4 15.6



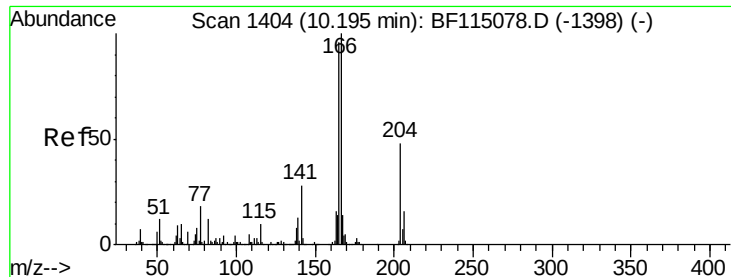
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



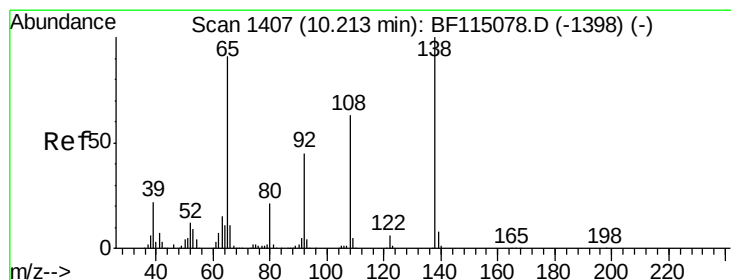
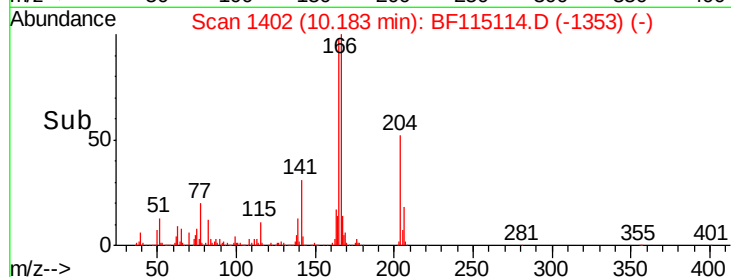
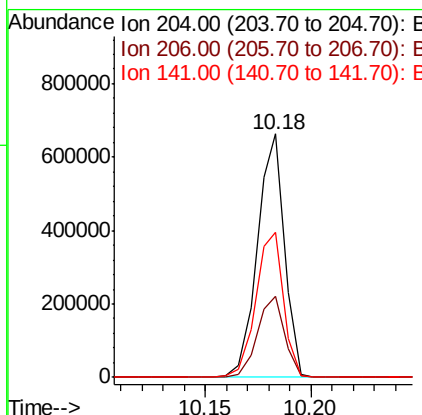
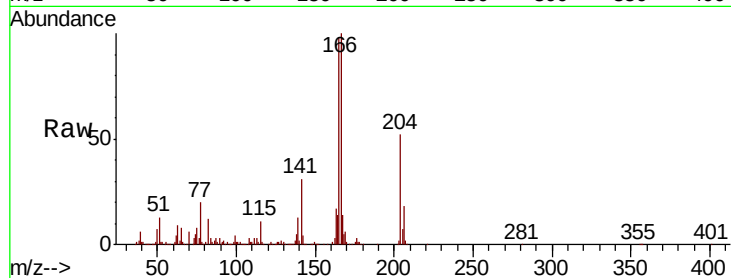
Time-->



#61  
4-Chlorophenyl-phenylether  
Concen: 40.773 ng  
RT: 10.18 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

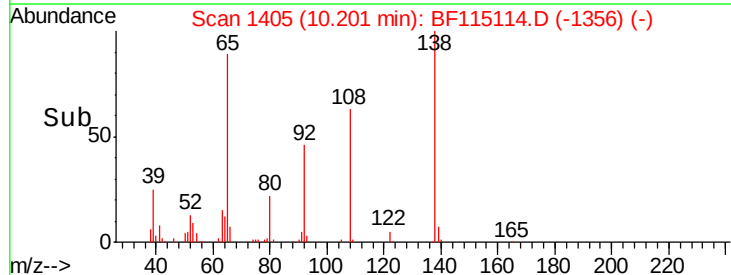
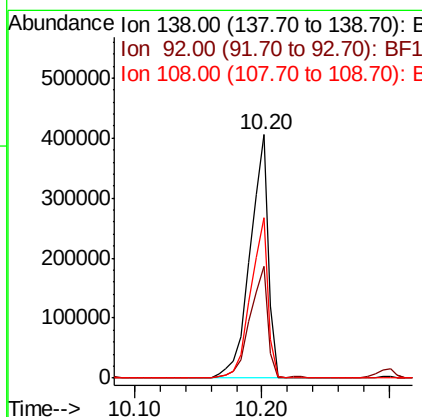
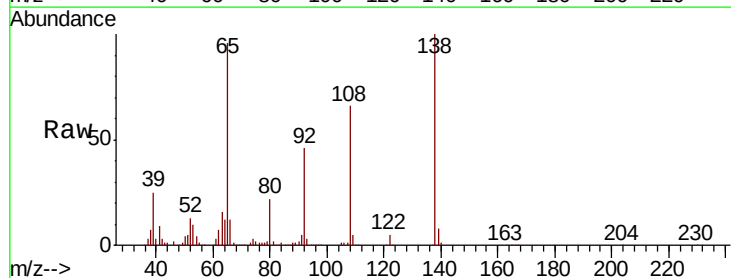
Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

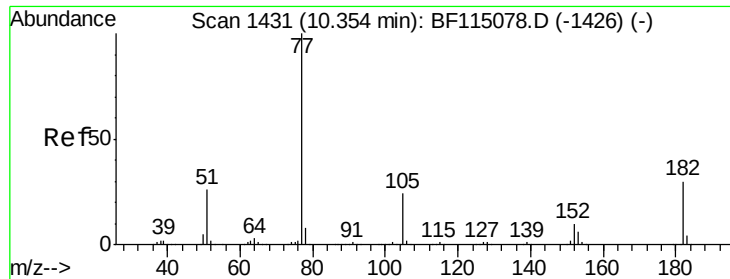
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 26.6  | 40.0  |
| 141     | 59.4  | 46.7  | 70.1  |



#62  
4-Nitroaniline  
Concen: 39.502 ng  
RT: 10.20 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.1  | 24.8  | 64.8  |
| 108     | 65.7  | 43.3  | 83.3  |





#63

Azobenzene

Concen: 40.479 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

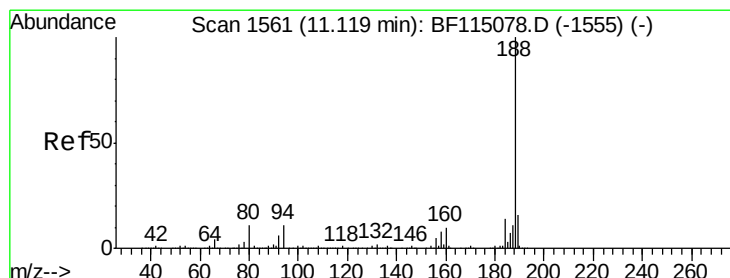
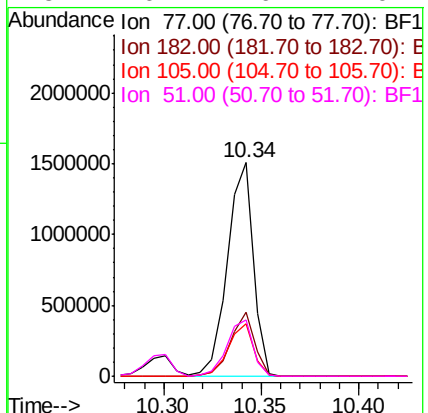
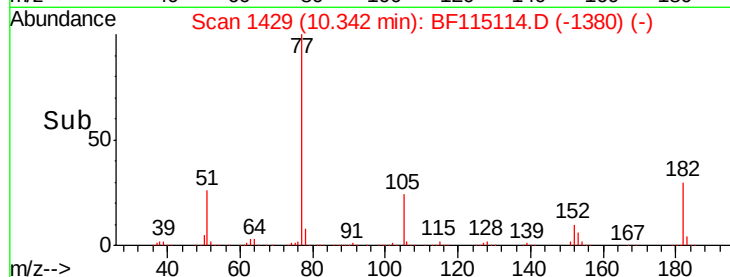
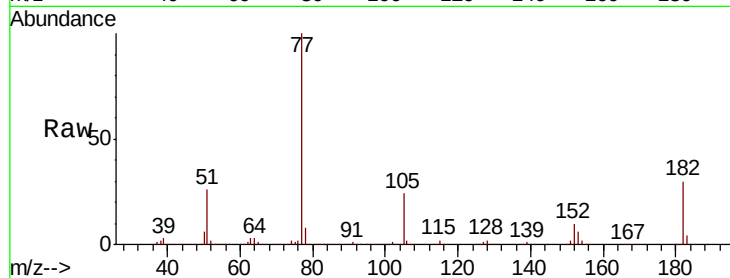
BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion: 77 Resp: 1388540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.8  | 10.1  | 50.1  |
| 105 | 24.3  | 4.5   | 44.5  |
| 51  | 26.1  | 6.4   | 46.4  |



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

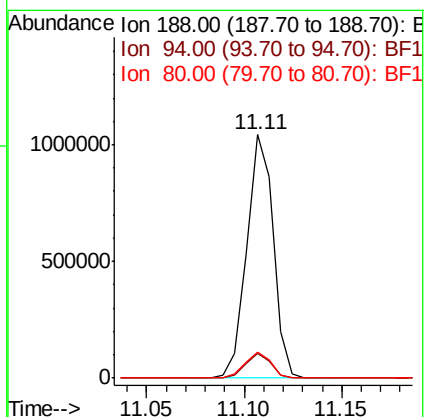
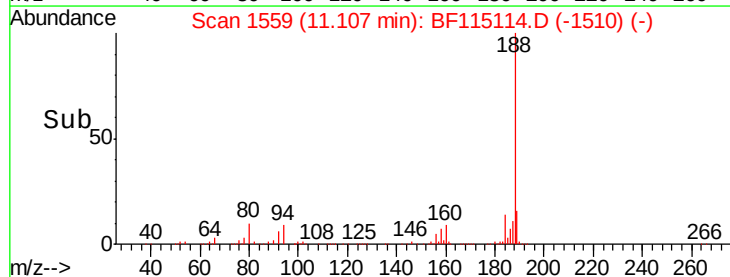
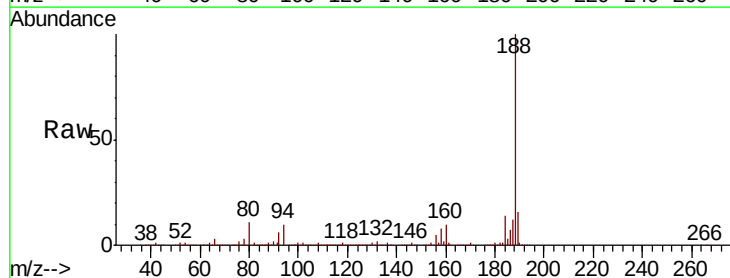
Delta R.T. -0.01 min

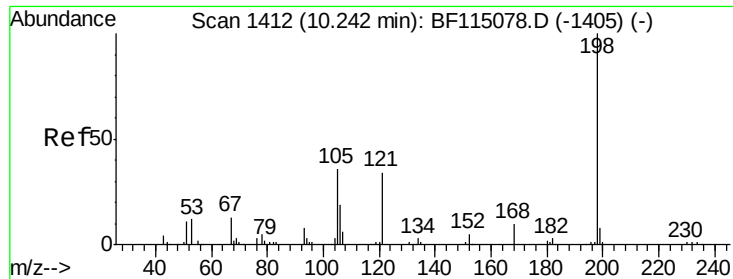
Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Tgt Ion: 188 Resp: 980639

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 8.6   | 12.8  |
| 80  | 10.6  | 8.8   | 13.2  |

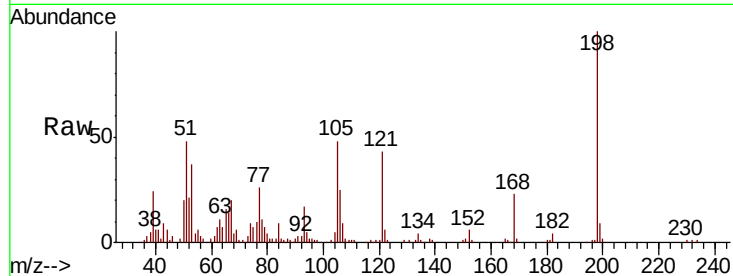




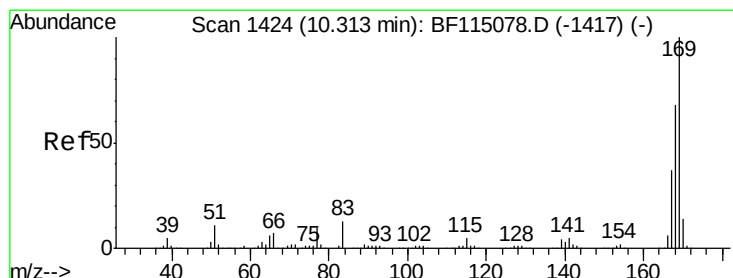
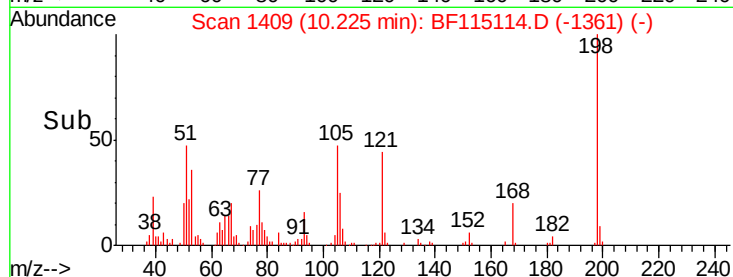
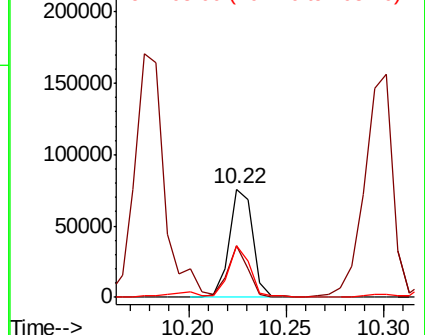
#65  
4,6-Dinitro-2-methylphenol  
Concen: 15.866 ng  
RT: 10.22 min Scan# 1409  
Delta R.T. -0.02 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:198 Resp: 63464  
Ion Ratio Lower Upper  
198 100  
51 47.6 11.0 51.0  
105 47.8 17.3 57.3

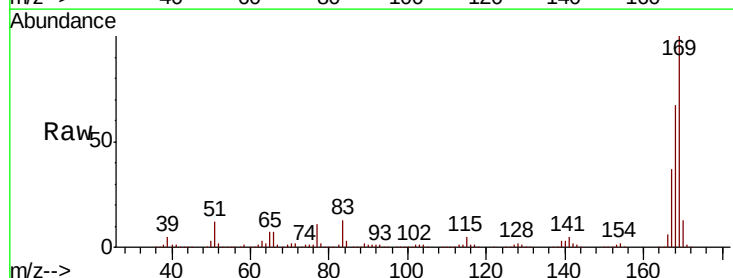


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

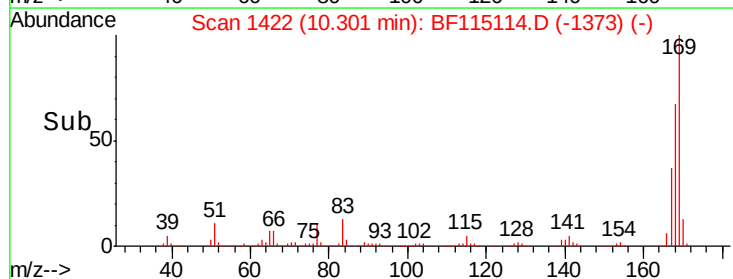
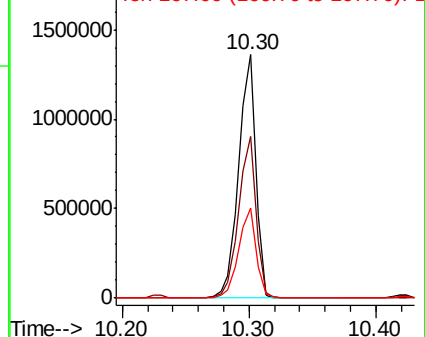


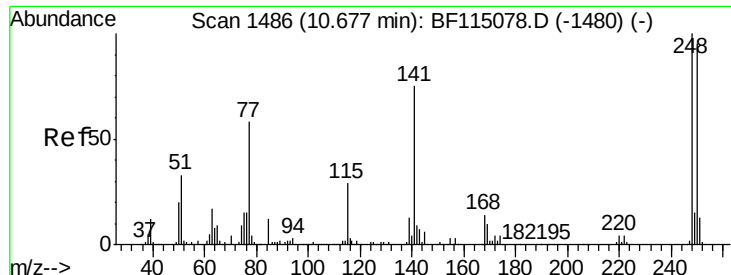
#66  
n-Nitrosodiphenylamine  
Concen: 41.183 ng  
RT: 10.30 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:169 Resp: 1258197  
Ion Ratio Lower Upper  
169 100  
168 66.6 54.2 81.4  
167 37.0 29.4 44.0



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

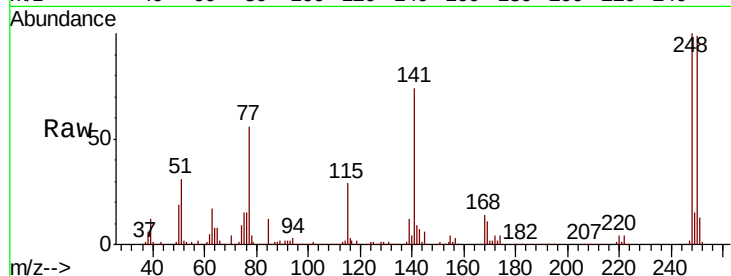




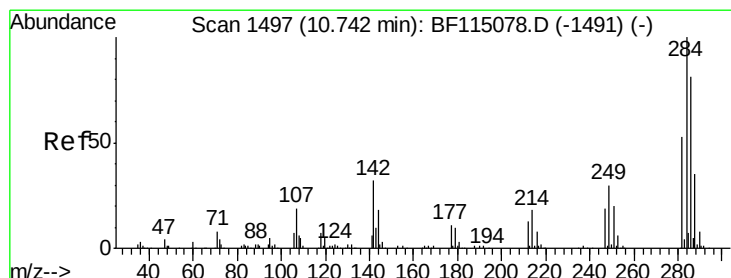
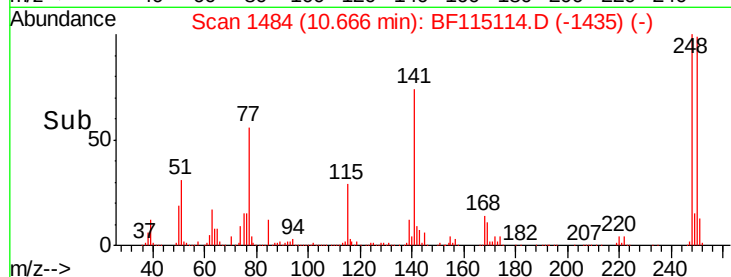
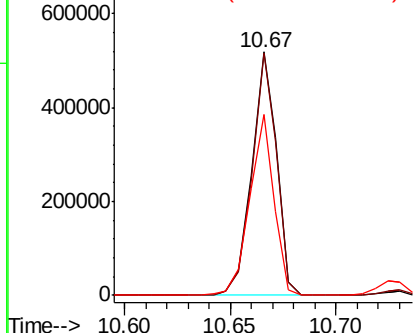
#67  
4-Bromophenyl-phenylether  
Concen: 39.978 ng  
RT: 10.67 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:248 Resp: 425052  
Ion Ratio Lower Upper  
248 100  
250 99.4 76.2 114.2  
141 74.1 59.6 89.4

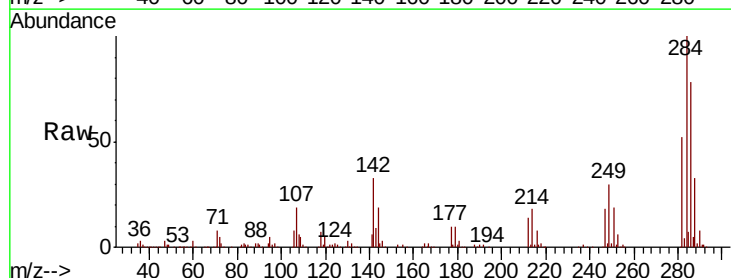


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

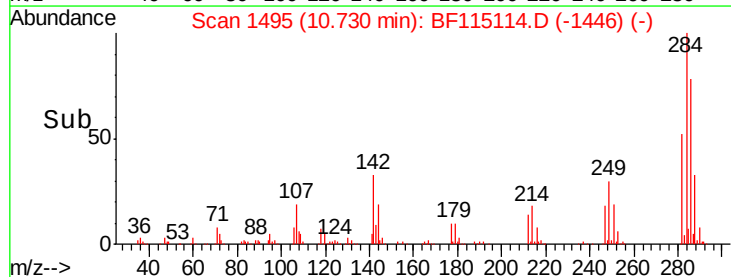
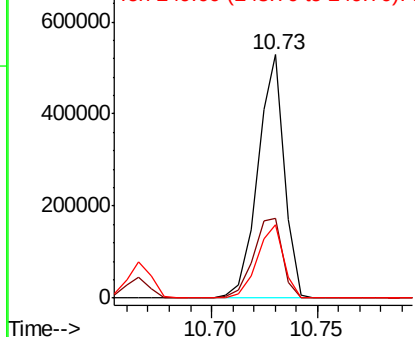


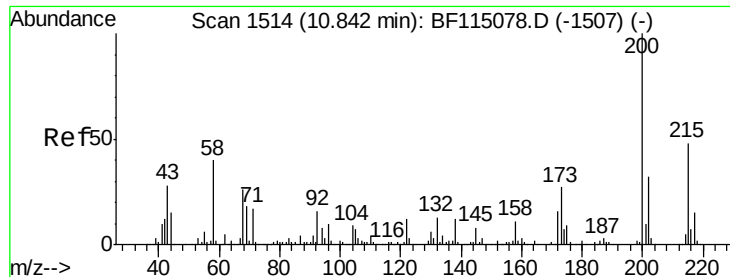
#68  
Hexachlorobenzene  
Concen: 39.728 ng  
RT: 10.73 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:284 Resp: 458481  
Ion Ratio Lower Upper  
284 100  
142 32.7 25.8 38.8  
249 30.0 24.2 36.4



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: 38.207 ng

RT: 10.83 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

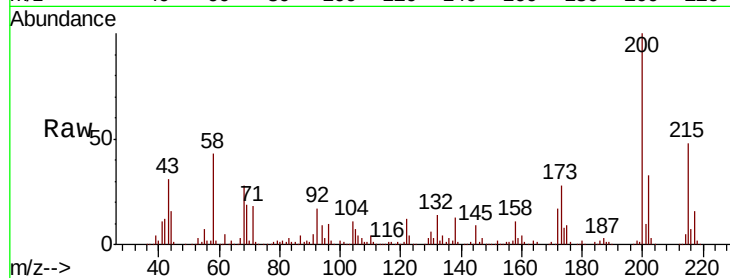
Tot Ion:200 Resp: 375491

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

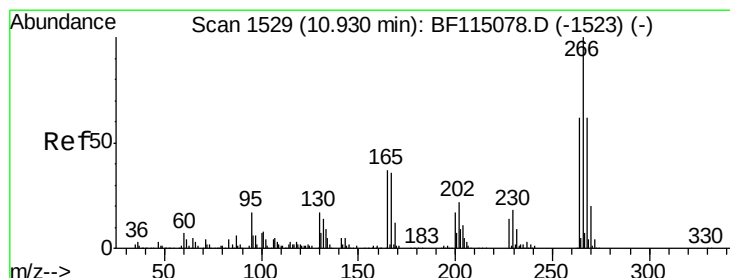
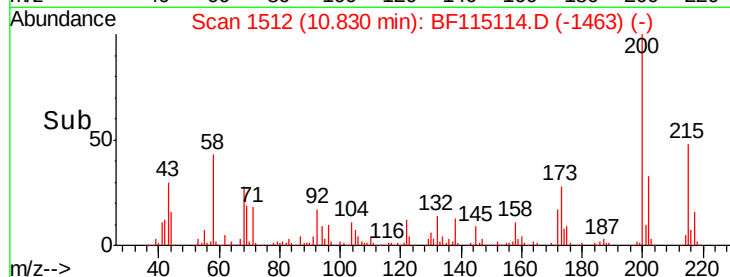
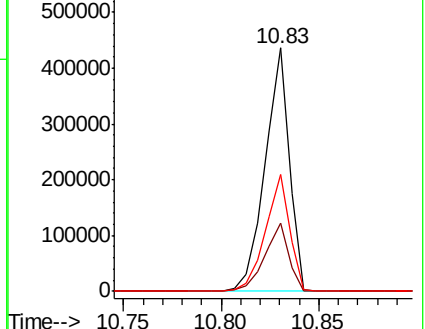
215 48.2 27.8 67.8



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: 38.099 ng

RT: 10.92 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

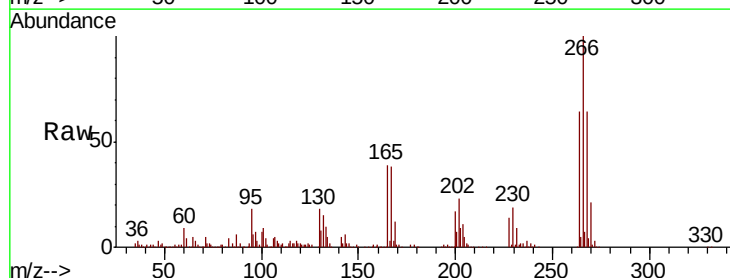
Tgt Ion:266 Resp: 280112

Ion Ratio Lower Upper

266 100

268 64.4 49.5 74.3

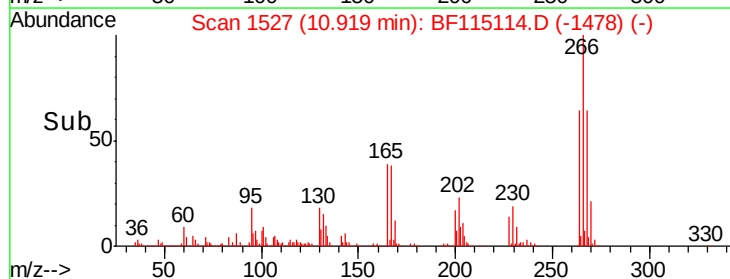
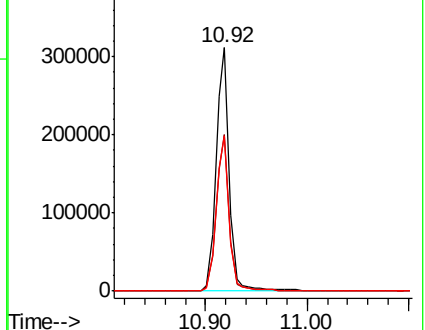
264 63.9 49.3 73.9

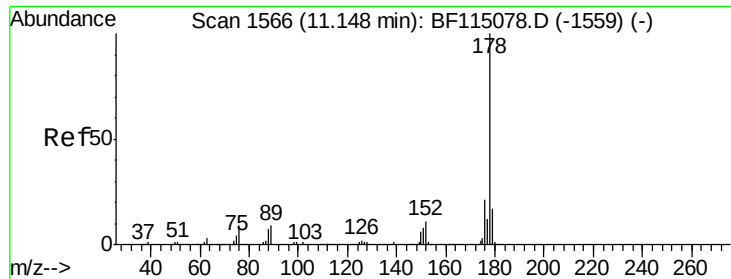


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.480 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

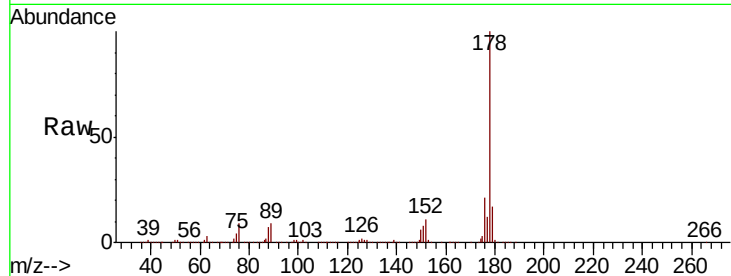
Tot Ion:178 Resp: 2031703

Ion Ratio Lower Upper

178 100

176 20.9 16.9 25.3

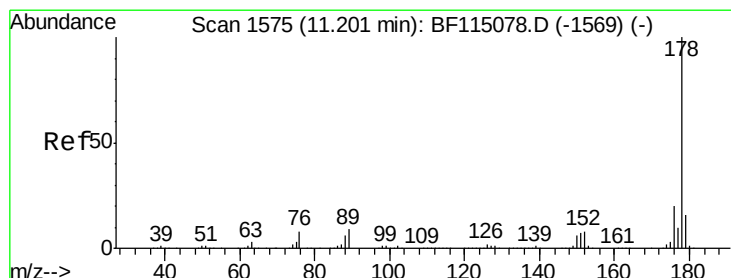
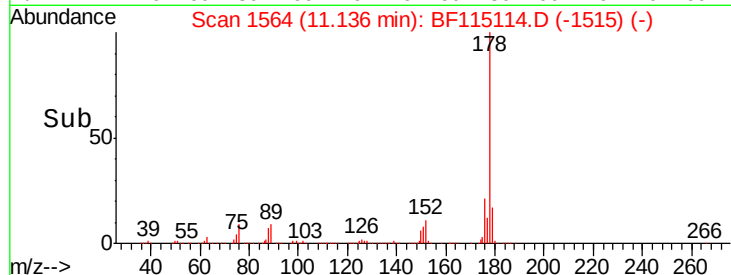
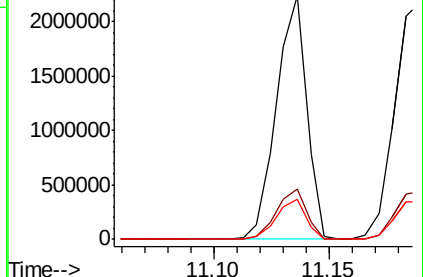
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.013 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

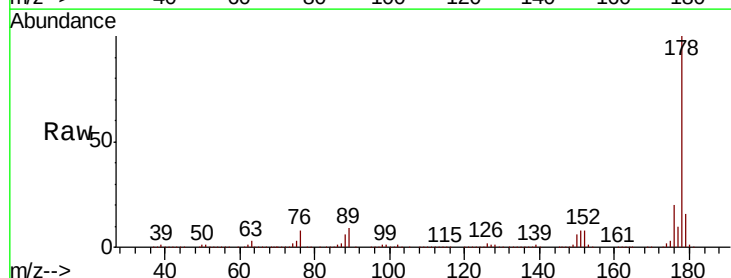
Tgt Ion:178 Resp: 2079264

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

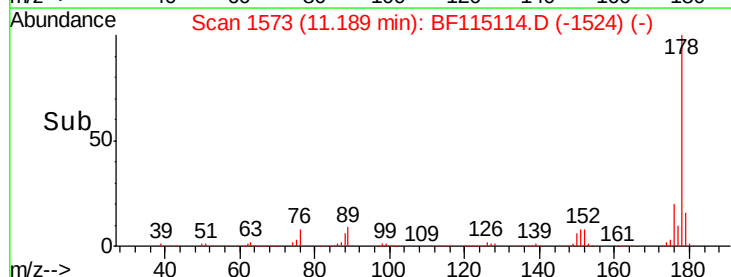
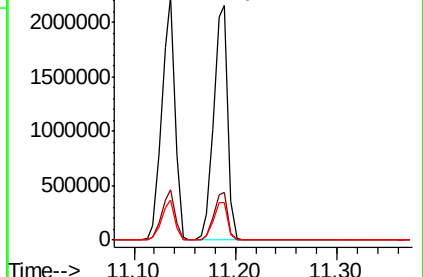
179 16.2 12.9 19.3



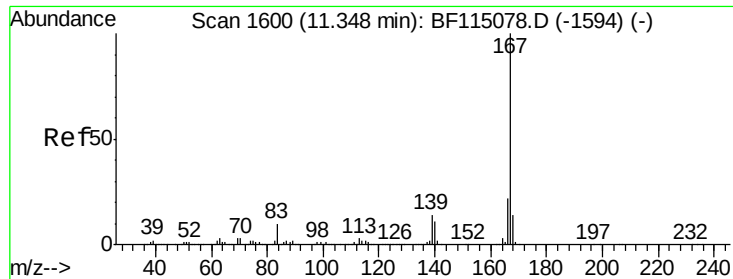
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



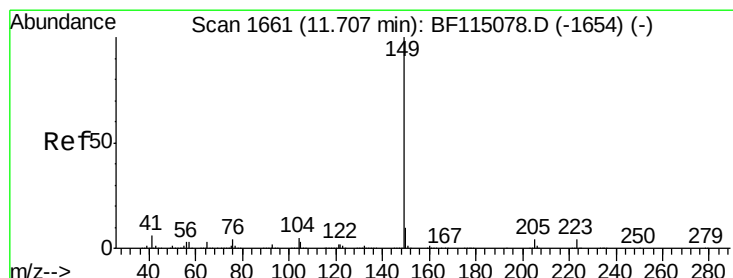
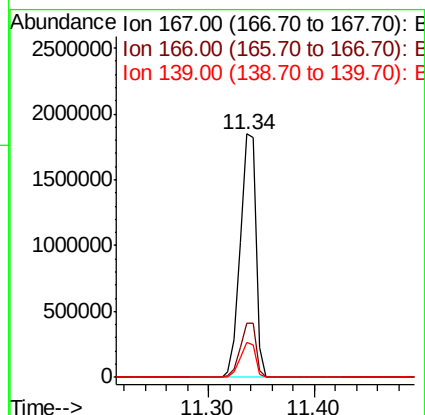
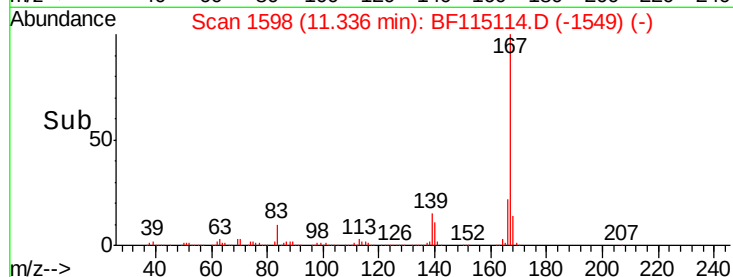
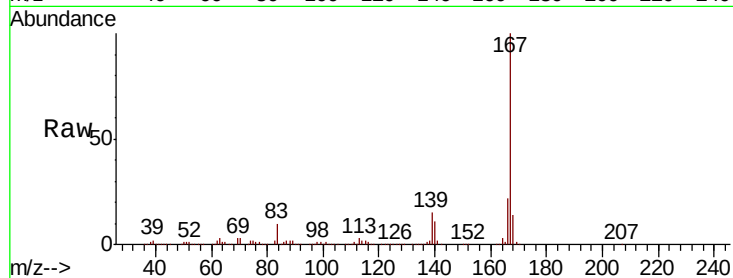




#73  
 Carbazole  
 Concen: 39.216 ng  
 RT: 11.34 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

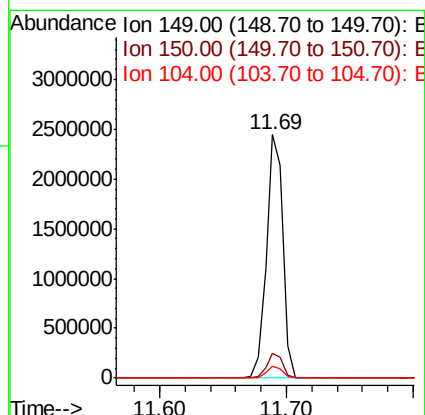
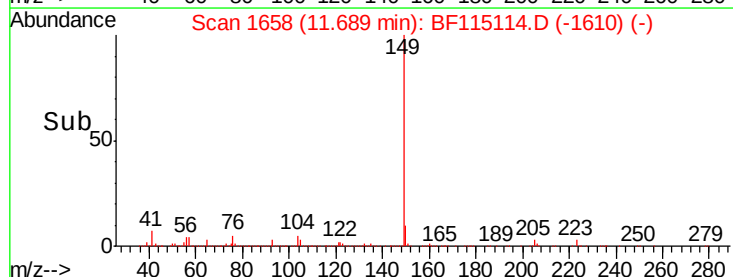
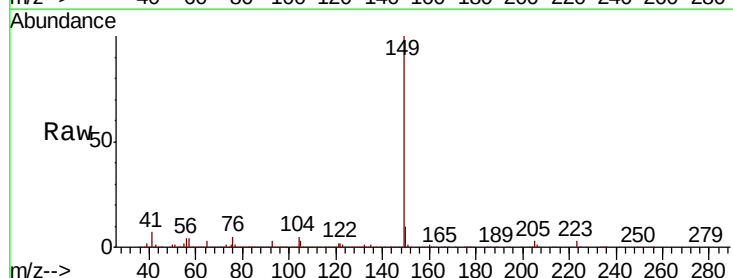
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-SF-03-008-AMS

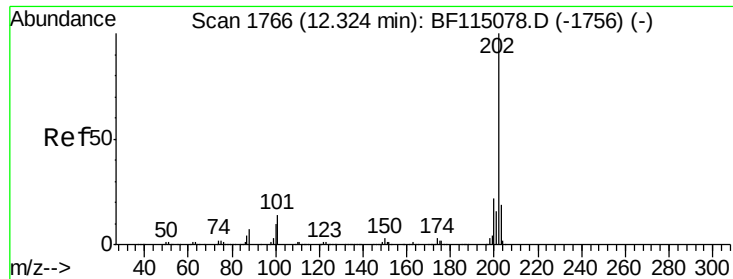
Tot Ion:167 Resp: 1866356  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.0 27.0  
 139 14.5 11.1 16.7



#74  
 Di-n-butylphthalate  
 Concen: 40.298 ng  
 RT: 11.69 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BF115114.D  
 Acq: 22 Jun 2019 12:23

Tgt Ion:149 Resp: 2216227  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 7.8 11.8  
 104 5.0 3.7 5.5





#75

Fluoranthene

Concen: 38.947 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

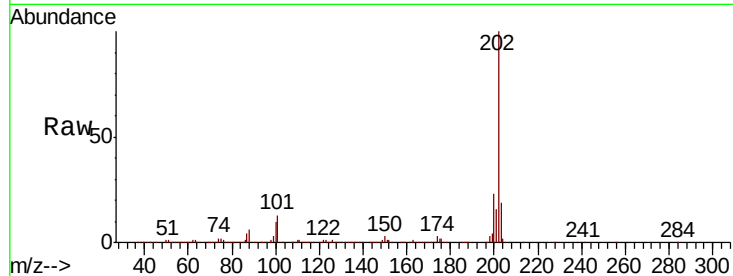
Tot Ion:202 Resp: 2051726

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

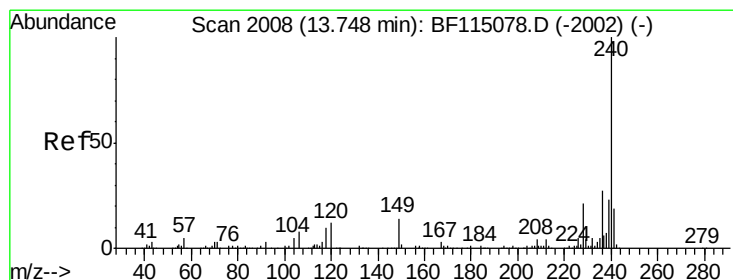
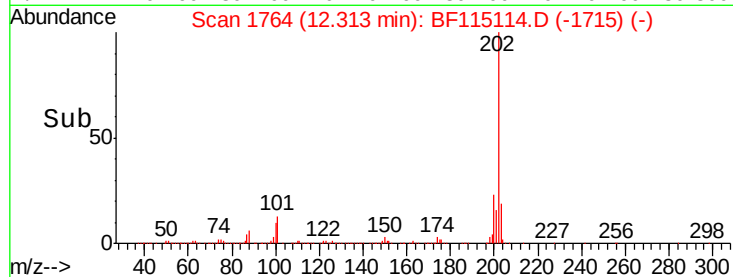
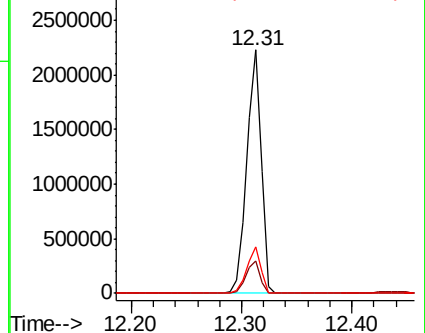
203 19.0 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

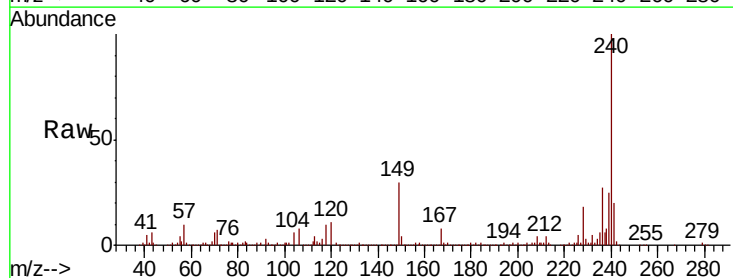
Tgt Ion:240 Resp: 609539

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

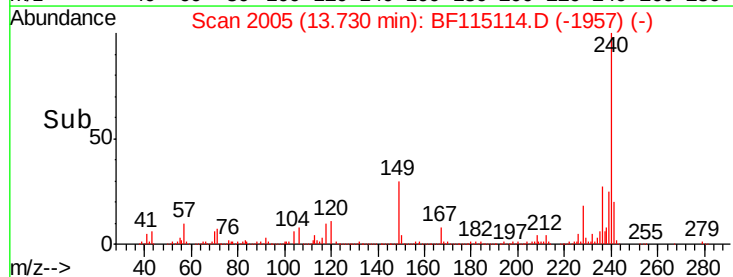
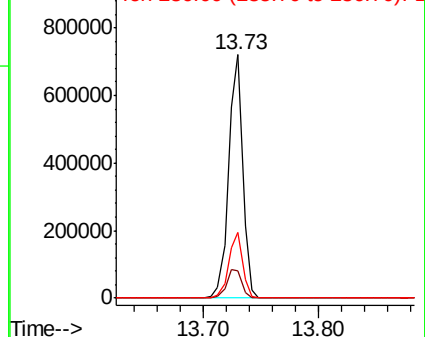
236 27.0 21.7 32.5

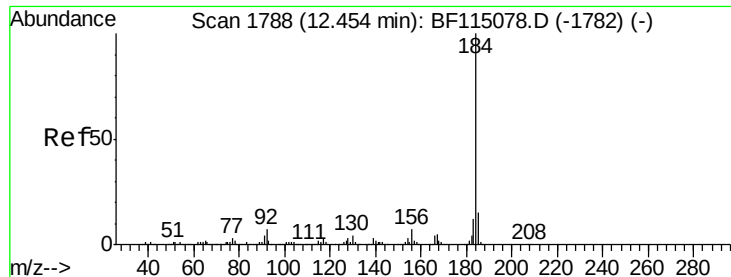


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.620 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

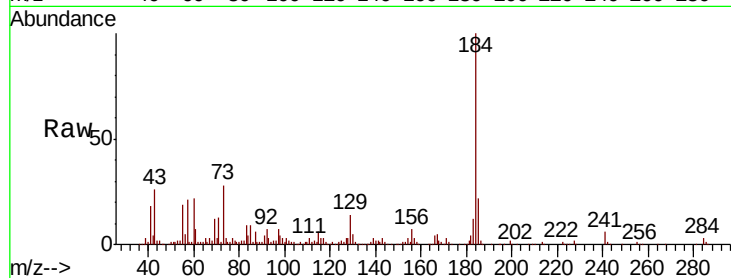
Tot Ion:184 Resp: 558089

Ion Ratio Lower Upper

184 100

185 21.6 12.2 18.2#

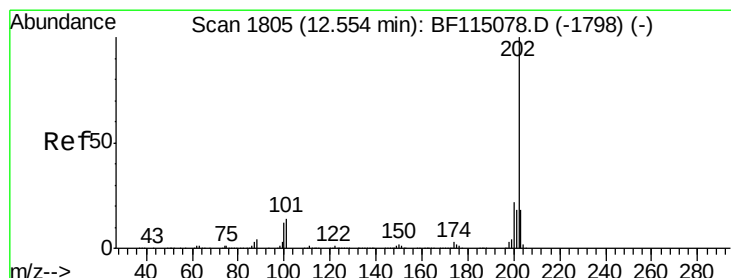
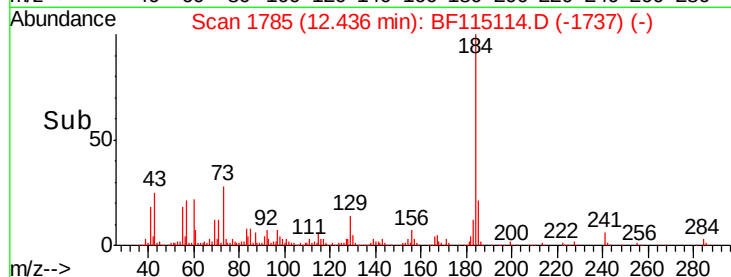
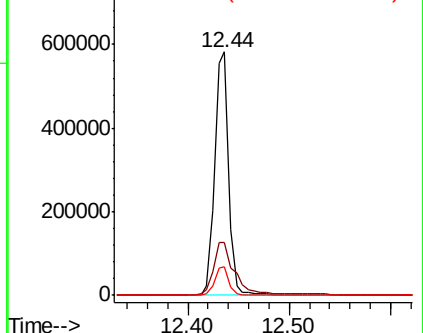
183 11.6 9.6 14.4



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: 45.104 ng

RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

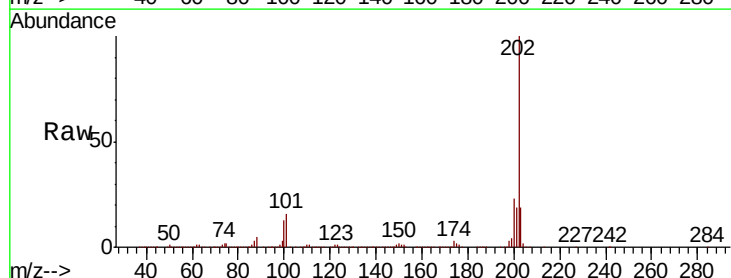
Tgt Ion:202 Resp: 2112808

Ion Ratio Lower Upper

202 100

200 22.9 17.9 26.9

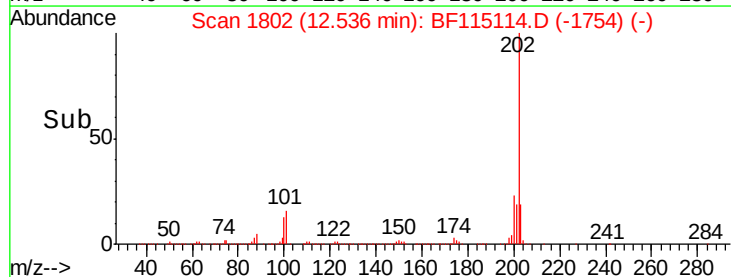
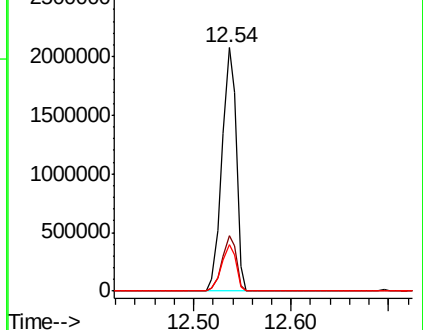
203 18.9 14.6 21.8

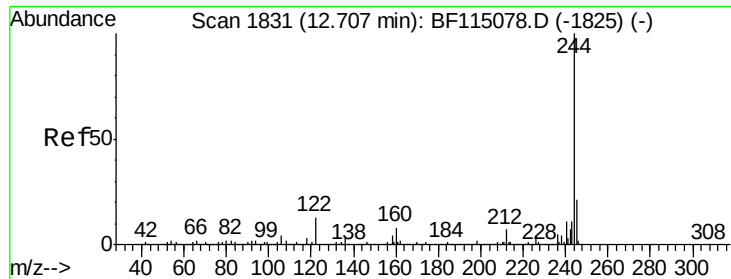


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.196 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

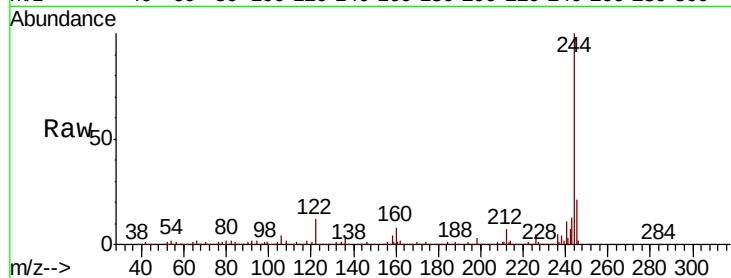
Tot Ion:244 Resp: 2757801

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

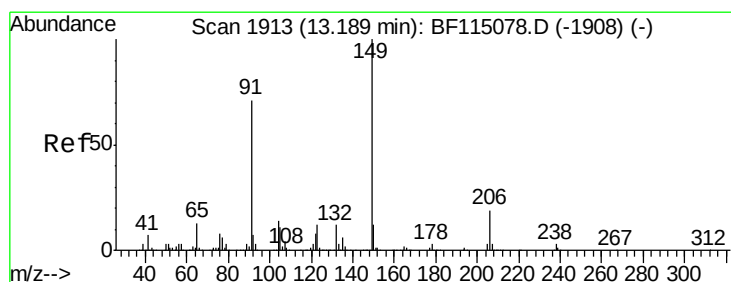
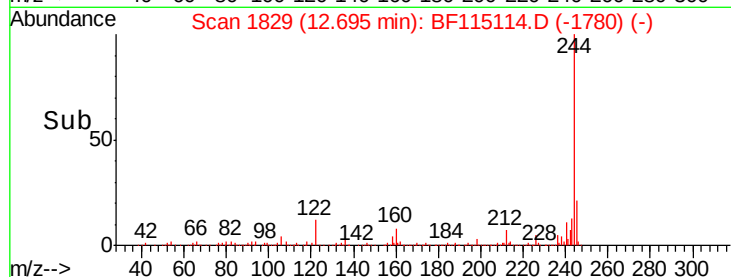
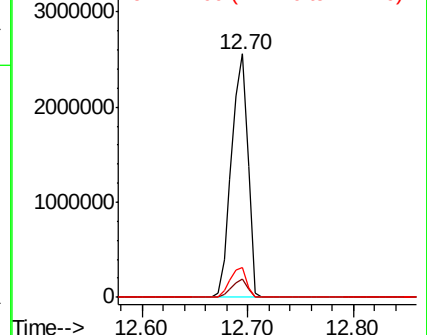
122 12.1 10.4 15.6



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: 44.939 ng

RT: 13.17 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

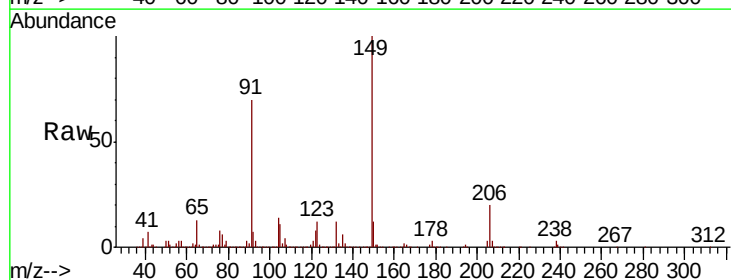
Tgt Ion:149 Resp: 928993

Ion Ratio Lower Upper

149 100

91 70.5 56.5 84.7

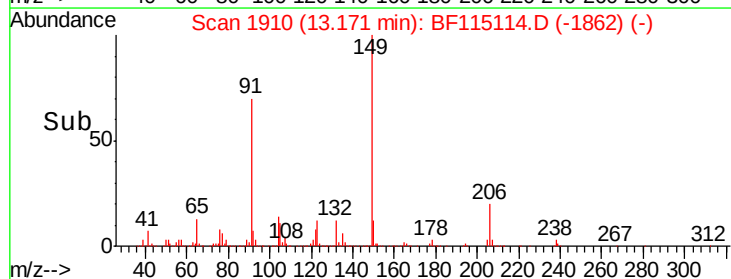
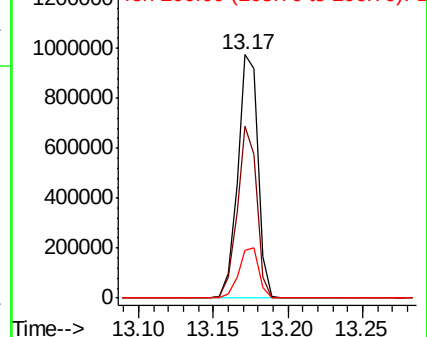
206 19.6 15.3 22.9

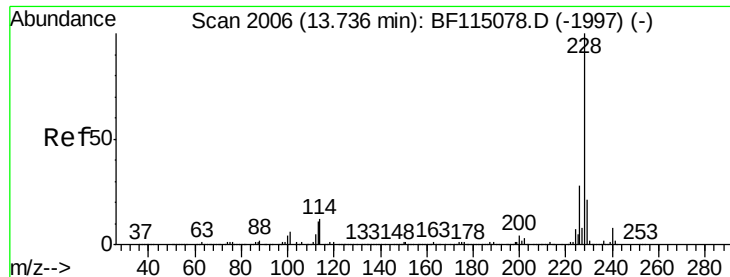


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.212 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

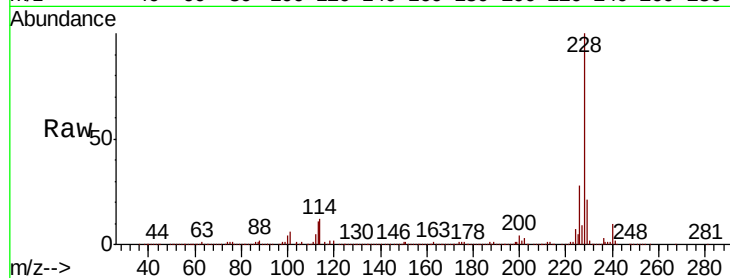
BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

Tot Ion:228 Resp: 1714992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.4  | 22.5  | 33.7  |
| 229 | 20.6  | 16.6  | 24.8  |

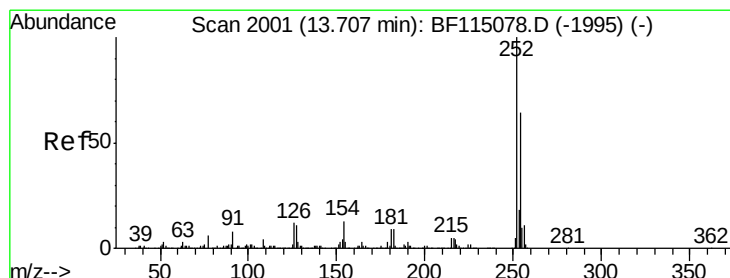
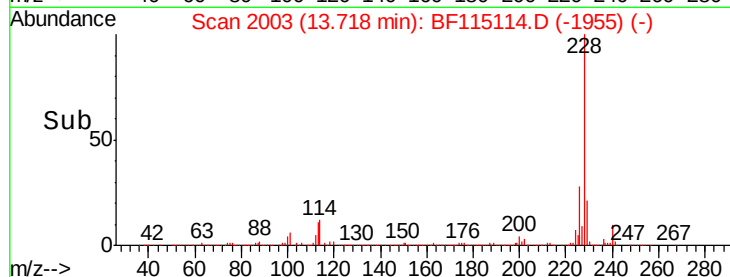
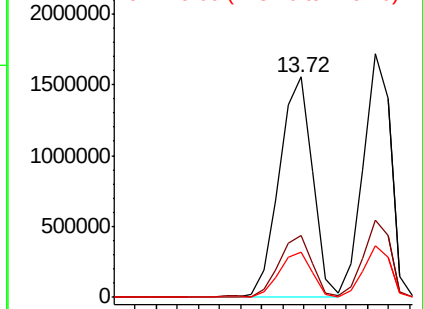


Abundance

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: 28.977 ng

RT: 13.68 min Scan# 1997

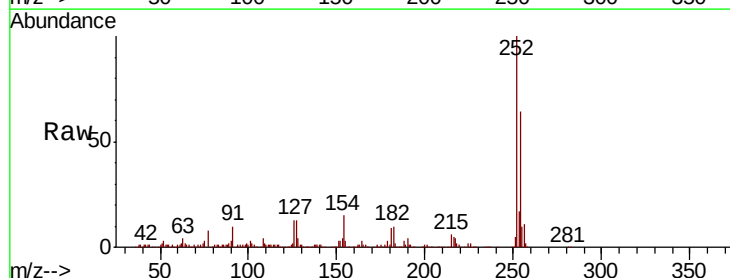
Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Tgt Ion:252 Resp: 457663

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.7  | 51.1  | 76.7  |
| 126 | 13.1  | 9.4   | 14.0  |

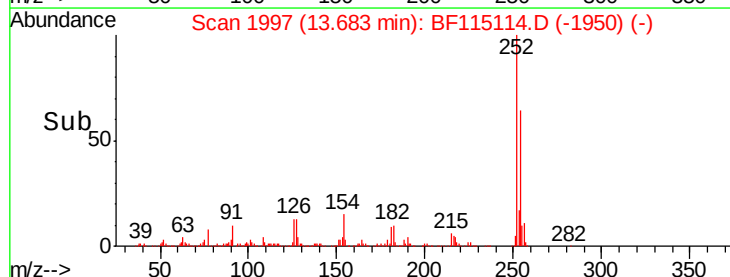
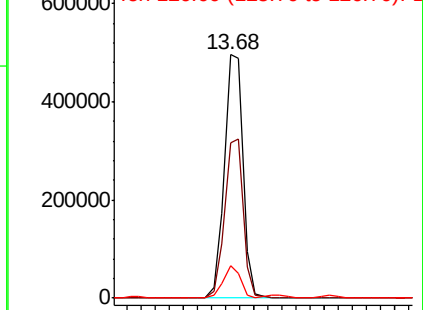


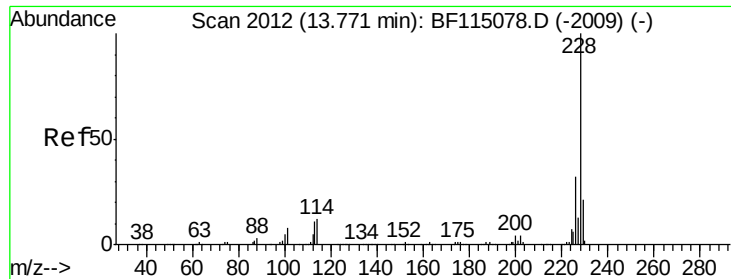
Abundance

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: 39.119 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

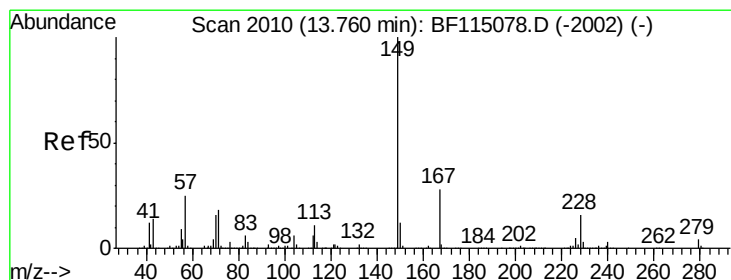
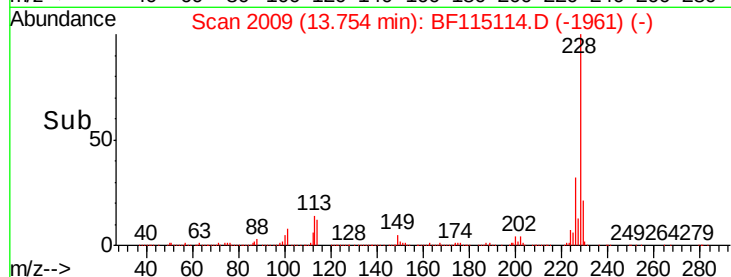
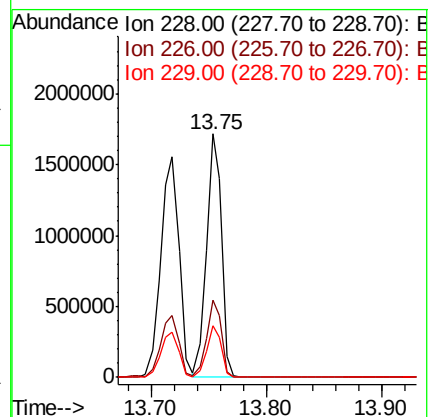
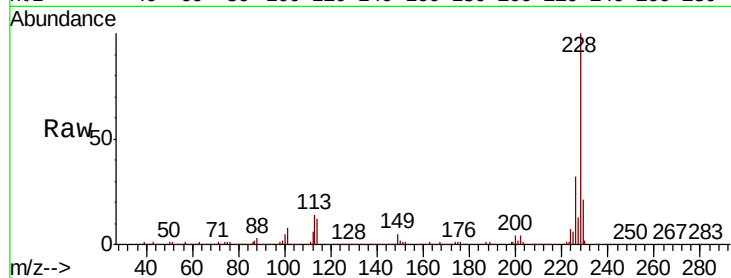
Tot Ion:228 Resp: 1567225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 25.4  | 38.0  |
| 229 | 21.0  | 16.5  | 24.7  |

228 100

226 31.8 25.4 38.0

229 21.0 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.151 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

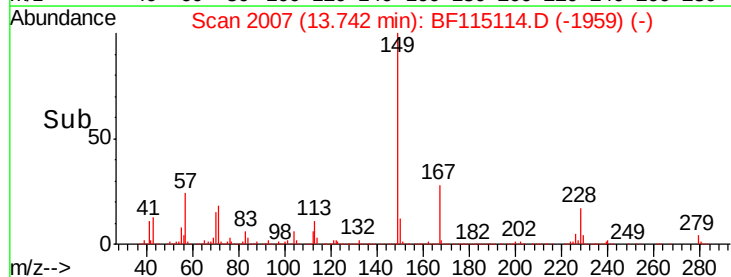
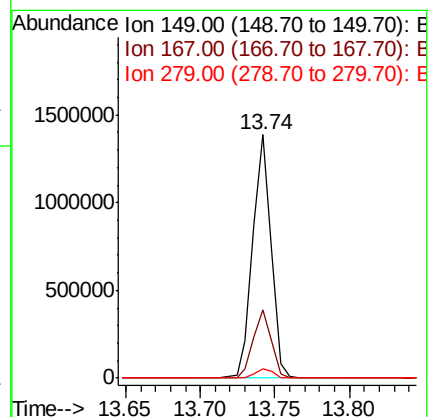
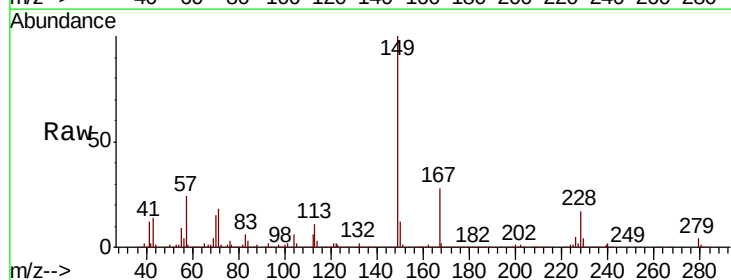
Tgt Ion:149 Resp: 1168860

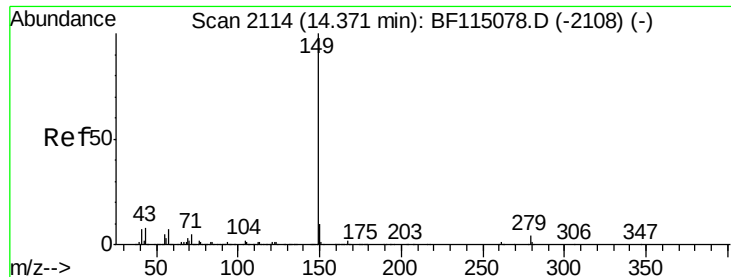
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.0  | 22.2  | 33.4  |
| 279 | 3.9   | 2.9   | 4.3   |

149 100

167 28.0 22.2 33.4

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 38.582 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

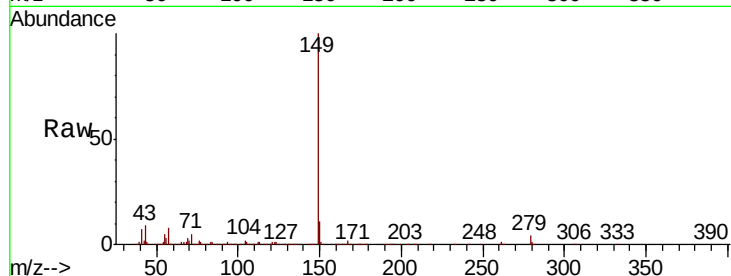
Tot Ion:149 Resp: 1755931

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

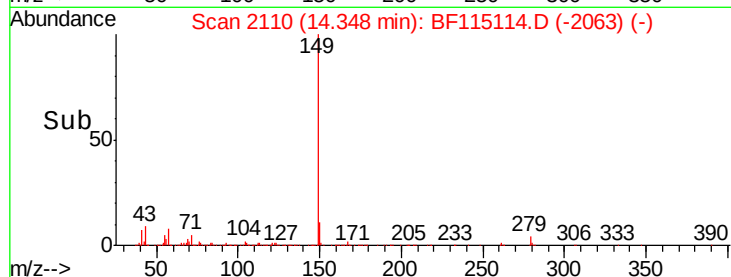
43 8.7 7.0 10.6



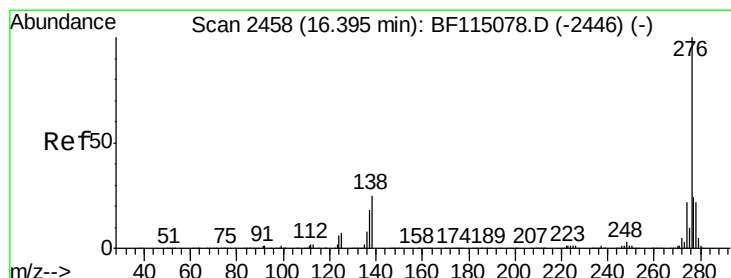
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.595 ng

RT: 16.35 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

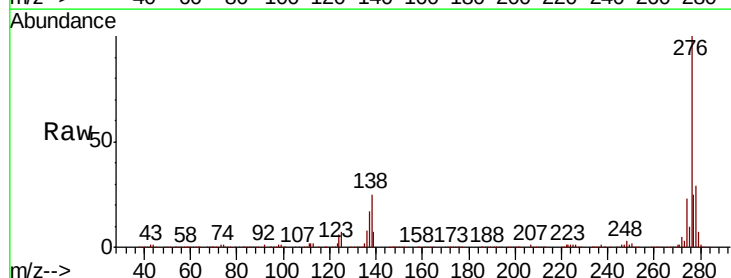
Tgt Ion:276 Resp: 1592617

Ion Ratio Lower Upper

276 100

138 28.8 23.2 34.8

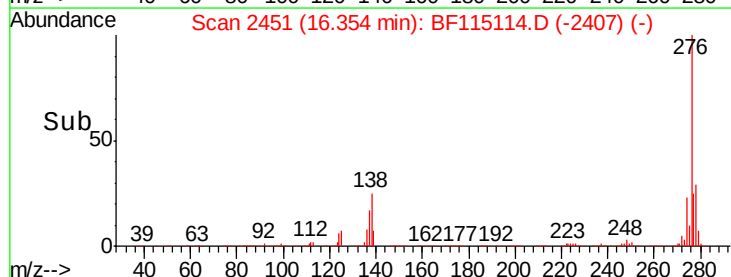
277 25.5 20.1 30.1



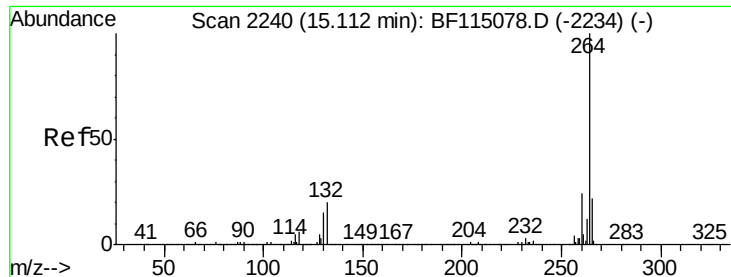
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

Instrument :

BNA\_F

ClientSampleId :

FK-SF-03-008-AMS

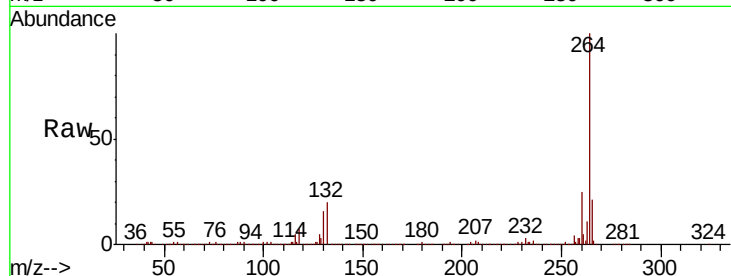
Tot Ion:264 Resp: 574091

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

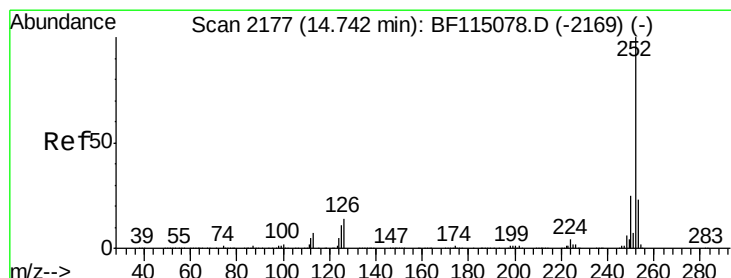
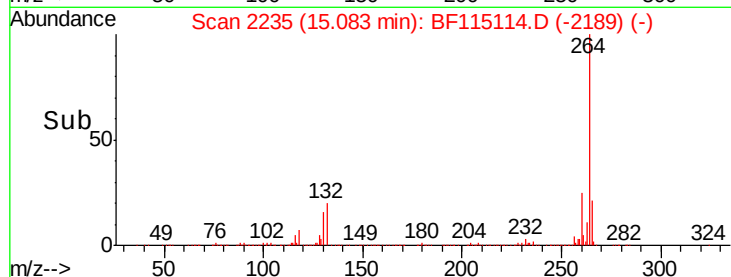
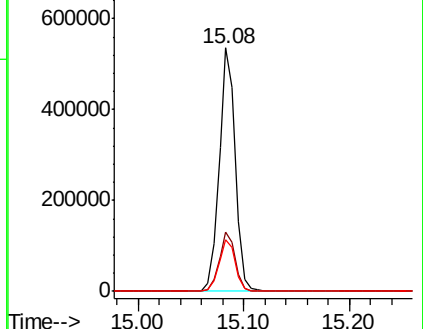
265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.510 ng

RT: 14.71 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BF115114.D

Acq: 22 Jun 2019 12:23

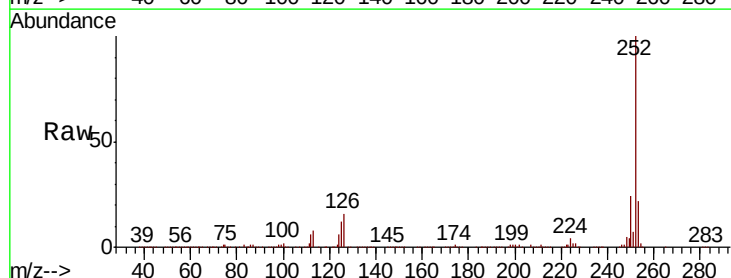
Tgt Ion:252 Resp: 1558582

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

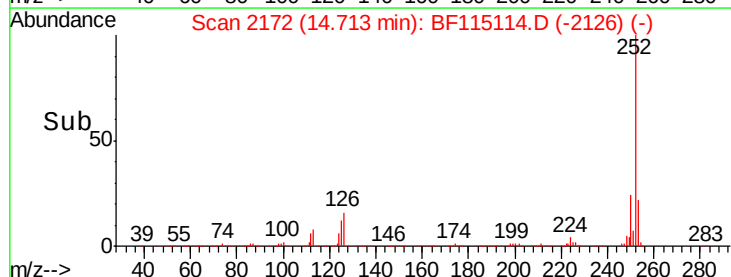
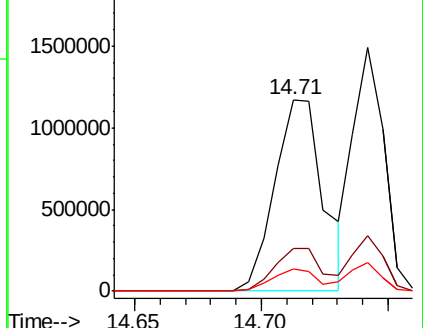
125 11.8 8.7 13.1



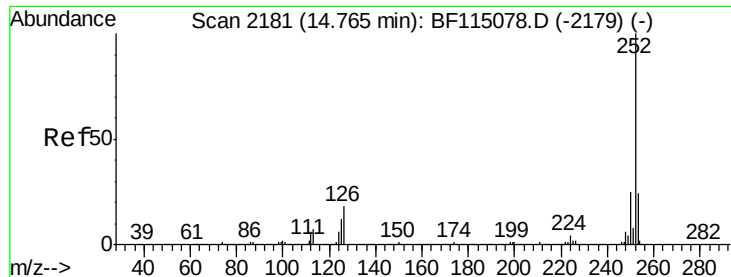
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



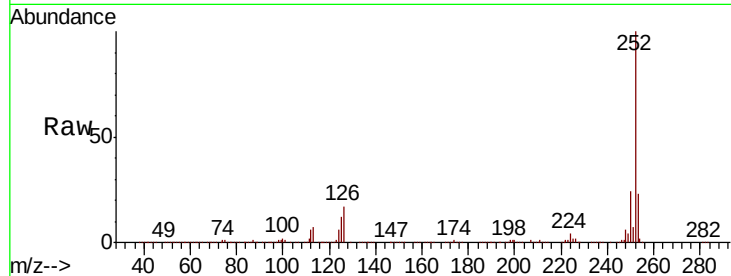




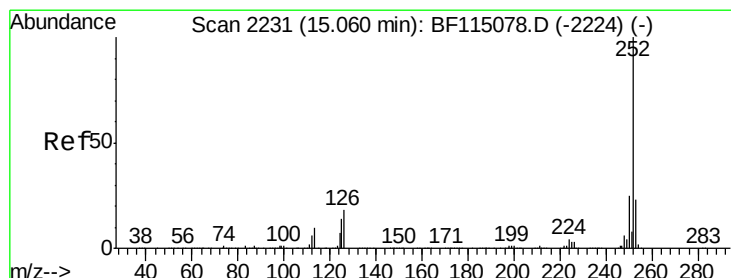
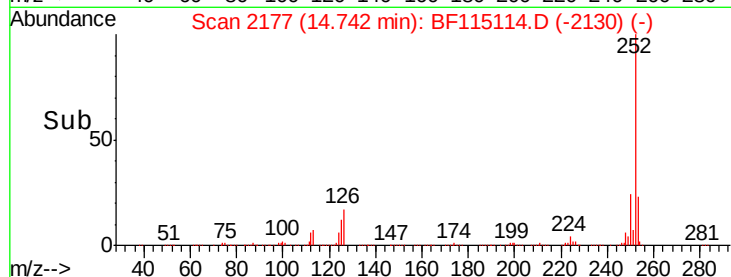
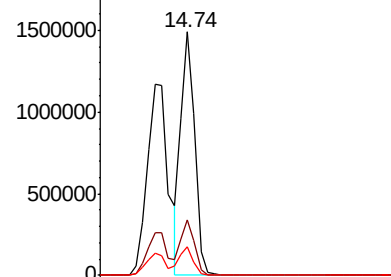
#89  
Benzo(k)fluoranthene  
Concen: 39.986 ng  
RT: 14.74 min Scan# 2177  
Delta R.T. -0.02 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:252 Resp: 1284535  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.9 28.3  
125 11.9 10.2 15.2

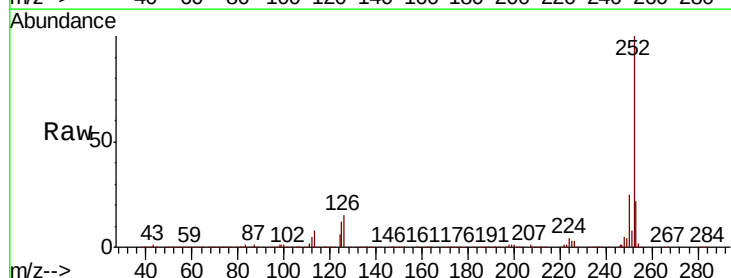


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

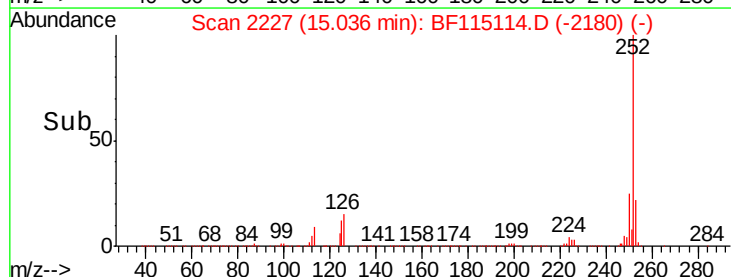
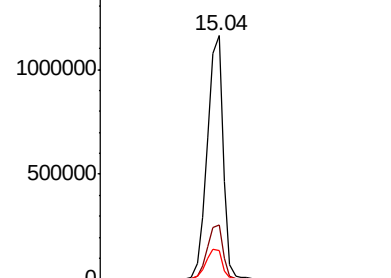


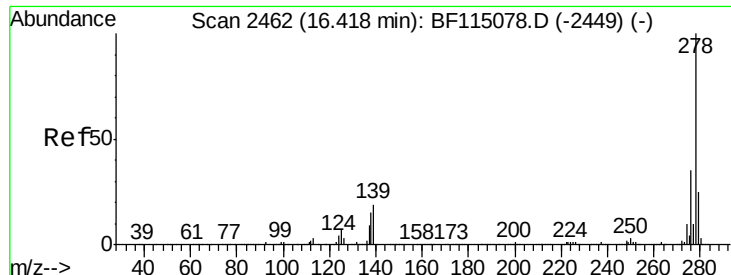
#90  
Benzo(a)pyrene  
Concen: 42.431 ng  
RT: 15.04 min Scan# 2227  
Delta R.T. -0.02 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:252 Resp: 1369953  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.3 27.5  
125 11.6 10.9 16.3



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



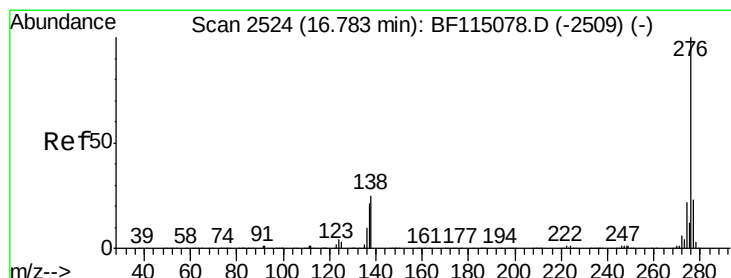
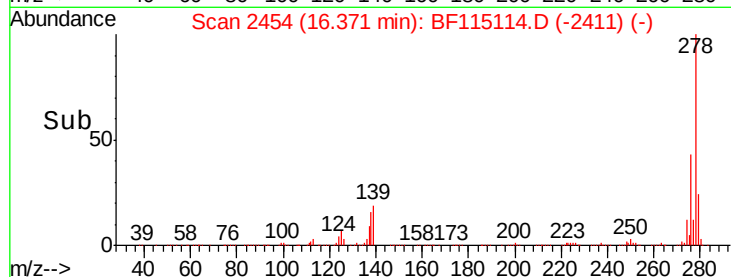
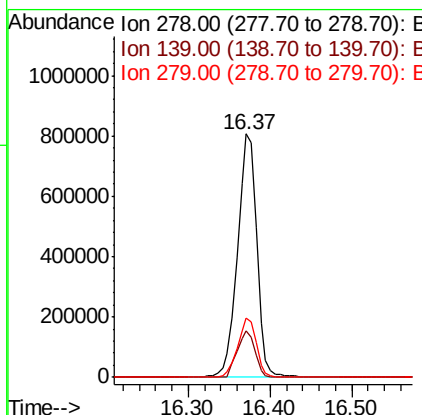
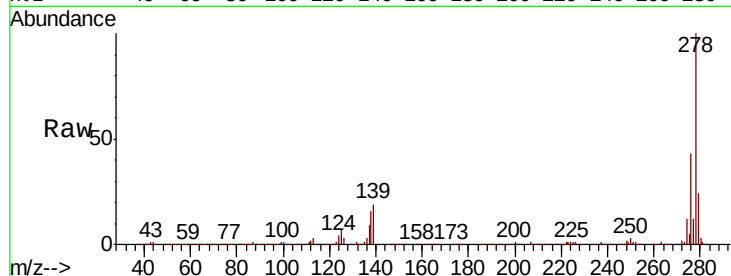


#91  
Dibenzo(a,h)anthracene  
Concen: 43.992 ng  
RT: 16.37 min Scan# 2454  
Delta R.T. -0.05 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Instrument :  
BNA\_F  
ClientSampleId :  
FK-SF-03-008-AMS

Tot Ion:278 Resp: 1325976  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 19.2  | 15.4  | 23.2  |
| 279 | 24.4  | 19.9  | 29.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 43.965 ng  
RT: 16.74 min Scan# 2516  
Delta R.T. -0.05 min  
Lab File: BF115114.D  
Acq: 22 Jun 2019 12:23

Tgt Ion:276 Resp: 1341223  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.3  | 18.6  | 28.0  |
| 138 | 24.6  | 19.8  | 29.6  |

