

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\  
 Data File : BF115358.D  
 Acq On : 2 Jul 2019 13:35  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Jul 02 14:36:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 02 12:02:54 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 244136   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 987344   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.63  | 164  | 481130   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.11 | 188  | 924901   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.73 | 240  | 579445   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.10 | 264  | 708196   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.20  | 112  | 1133798  | 71.67 | ng    | 0.00     |
| 7) Phenol-d6                | 6.25  | 99   | 1375624  | 71.64 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.17  | 82   | 1243687  | 77.49 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.42 | 330  | 409510   | 80.71 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.97  | 172  | 2211721  | 78.08 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.69 | 244  | 2375002  | 87.15 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.18 | 88   | 257723   | 34.518 | ng    | 100    |
| 3) Pyridine                    | 2.83 | 79   | 721174   | 34.269 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 2.78 | 42   | 268326   | 32.525 | ng    | 100    |
| 6) Aniline                     | 6.27 | 93   | 890549   | 33.745 | ng    | 95     |
| 8) 2-Chlorophenol              | 6.39 | 128  | 670364   | 37.684 | ng    | 99     |
| 9) Benzaldehyde                | 6.14 | 77   | 419181   | 33.460 | ng    | 97     |
| 10) Phenol                     | 6.26 | 94   | 775536   | 34.479 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93   | 608577   | 36.705 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146  | 748692   | 37.922 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146  | 752962   | 38.033 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146  | 696134   | 37.970 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.75 | 79   | 442026   | 31.613 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45   | 863771   | 35.919 | ng    | 99     |
| 17) 2-Methylphenol             | 6.87 | 107  | 602332   | 41.021 | ng    | 99     |
| 18) Hexachloroethane           | 7.12 | 117  | 271549   | 38.046 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.03 | 70   | 422812   | 34.393 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.02 | 107  | 646577   | 38.135 | ng    | 92     |
| 22) Acetophenone               | 7.02 | 105  | 854670   | 37.811 | ng    | 98     |
| 24) Nitrobenzene               | 7.19 | 77   | 673738   | 38.102 | ng    | 99     |
| 25) Isophorone                 | 7.43 | 82   | 1186119  | 36.074 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.50 | 139  | 384074   | 43.983 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122  | 549341   | 38.422 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.65 | 93   | 774517   | 37.270 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162  | 578441   | 39.204 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.83 | 180  | 643883   | 39.507 | ng    | 99     |
| 31) Naphthalene                | 7.91 | 128  | 1848792  | 38.146 | ng    | 99     |
| 32) Benzoic acid               | 7.70 | 122  | 364570   | 35.722 | ng    | 99     |
| 33) 4-Chloroaniline            | 7.96 | 127  | 819120   | 36.980 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.03 | 225  | 362395   | 40.576 | ng    | 98     |
| 35) Caprolactam                | 8.34 | 113  | 184739   | 37.241 | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107  | 579697   | 38.795 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.60 | 142  | 1249446  | 38.234 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.70 | 142  | 1175345  | 37.659 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.77 | 216  | 559470   | 41.150 | ng    | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 268622   | 33.320 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 410305   | 39.090 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.92  | 196  | 452887   | 41.897 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1434852  | 37.272 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1216613  | 38.960 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.18  | 65   | 363504   | 39.928 | nq    | 97       |
| 49) Acenaphthylene             | 9.50  | 152  | 1856452  | 38.157 | nq    | 100      |
| 50) Dimethylphthalate          | 9.37  | 163  | 1410381  | 39.844 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.42  | 165  | 326623   | 39.967 | nq    | 96       |
| 52) Acenaphthene               | 9.67  | 154  | 1081304  | 35.517 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.59  | 138  | 371460   | 37.247 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.70  | 184  | 169136   | 43.872 | nq    | 94       |
| 55) Dibenzofuran               | 9.84  | 168  | 1595317  | 36.509 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.75  | 139  | 284517   | 35.586 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 421460   | 39.941 | nq    | 99       |
| 58) Fluorene                   | 10.18 | 166  | 1140091  | 38.192 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 371500   | 40.987 | nq    | 98       |
| 60) Diethylphthalate           | 10.07 | 149  | 1342660  | 37.734 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 557721   | 39.511 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.20 | 138  | 389436   | 38.925 | nq    | 98       |
| 63) Azobenzene                 | 10.34 | 77   | 1224584  | 36.846 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.23 | 198  | 216149   | 44.343 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1104281  | 38.323 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248  | 397933   | 39.683 | nq    | 98       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 436685   | 40.120 | nq    | 93       |
| 69) Atrazine                   | 10.82 | 200  | 356671   | 38.479 | nq    | 99       |
| 70) Pentachlorophenol          | 10.92 | 266  | 275278   | 39.698 | nq    | 98       |
| 71) Phenanthrene               | 11.13 | 178  | 1802682  | 36.200 | nq    | 99       |
| 72) Anthracene                 | 11.18 | 178  | 1825589  | 36.317 | nq    | 100      |
| 73) Carbazole                  | 11.34 | 167  | 1672624  | 37.263 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 2018530  | 38.915 | nq    | 100      |
| 75) Fluoranthene               | 12.31 | 202  | 1836318  | 36.959 | nq    | 99       |
| 77) Benzidine                  | 12.43 | 184  | 802665   | 31.196 | nq    | 98       |
| 78) Pyrene                     | 12.54 | 202  | 1877911  | 42.171 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.17 | 149  | 869835   | 44.262 | nq    | 100      |
| 81) Benzo(a)anthracene         | 13.72 | 228  | 1720669  | 41.385 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 642018   | 42.761 | nq    | 99       |
| 83) Chrysene                   | 13.76 | 228  | 1650762  | 43.344 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1100220  | 42.727 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.34 | 149  | 1952600  | 45.132 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.38 | 276  | 1703646  | 37.803 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.73 | 252  | 1764359  | 39.927 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.75 | 252  | 1457224  | 36.772 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.05 | 252  | 1537826  | 38.611 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.40 | 278  | 1362376  | 36.640 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 16.76 | 276  | 1361599  | 36.181 | nq    | 98       |

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



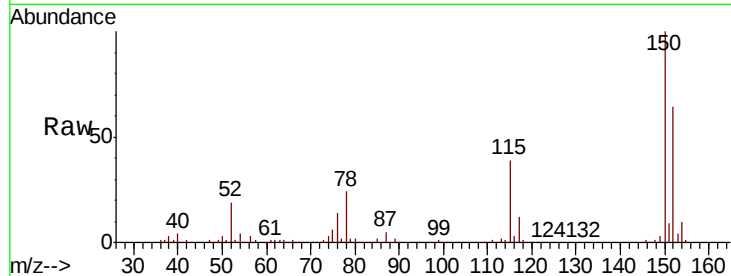


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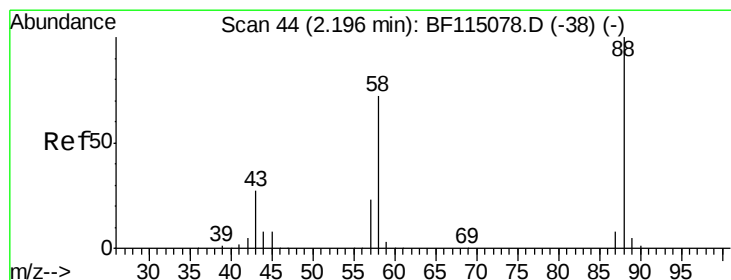
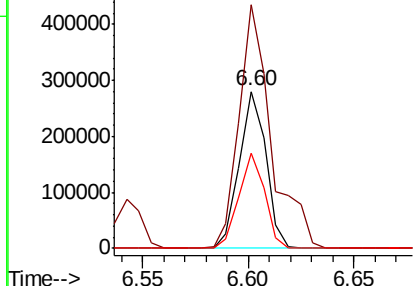
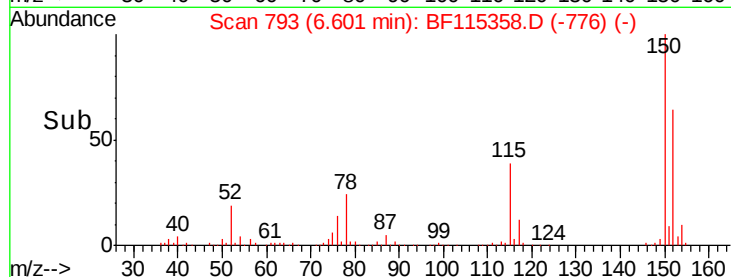
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
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SSTDCCC040EC

Tot Ion:152 Resp: 244136  
Ion Ratio Lower Upper  
152 100  
150 155.4 125.2 187.8  
115 60.4 48.2 72.2



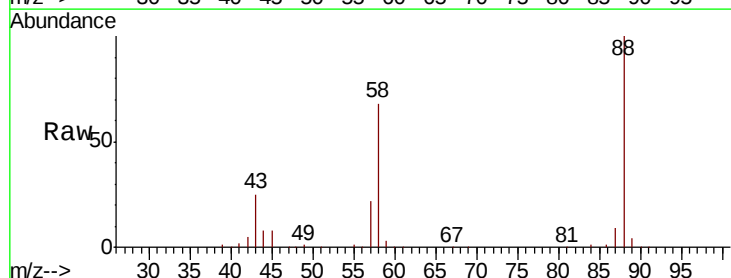
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



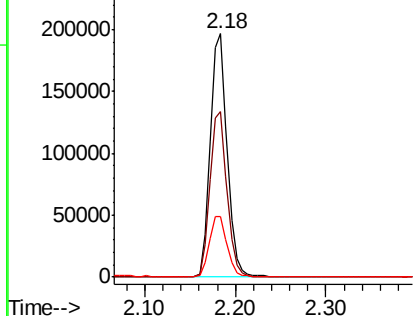
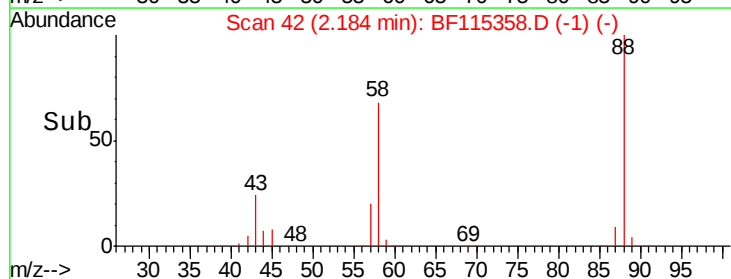
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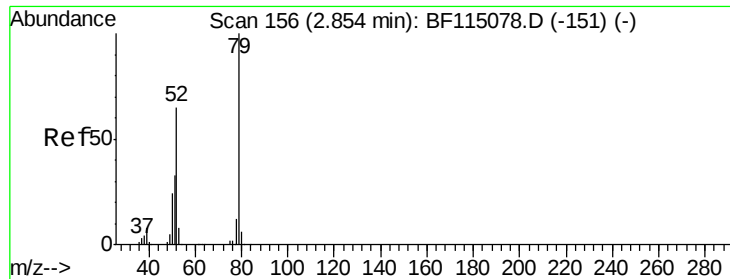
1,4-Dioxane  
Concen: 34.518 ng  
RT: 2.18 min Scan# 42  
Delta R.T. 0.02 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 88 Resp: 257723  
Ion Ratio Lower Upper  
88 100  
58 68.4 54.8 82.2  
43 25.5 21.0 31.6



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1

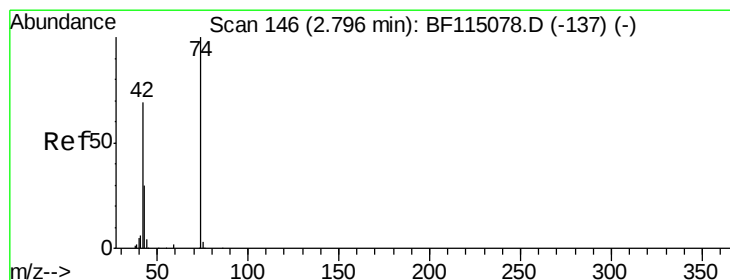
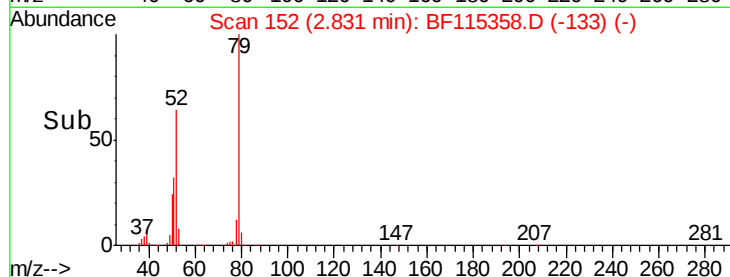
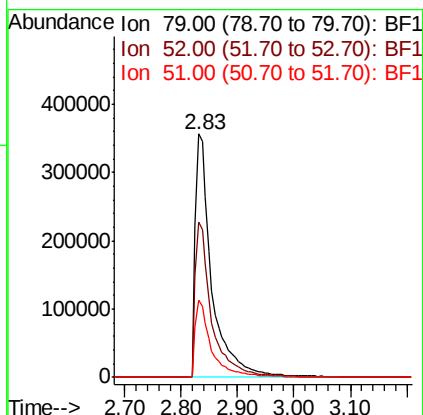
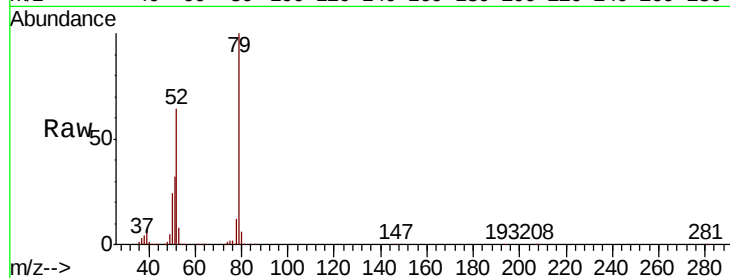




#3  
 Pvridine  
 Concen: 34.269 ng  
 RT: 2.83 min Scan# 152  
 Delta R.T. 0.01 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

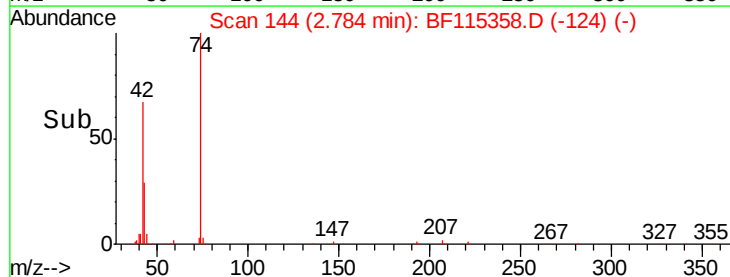
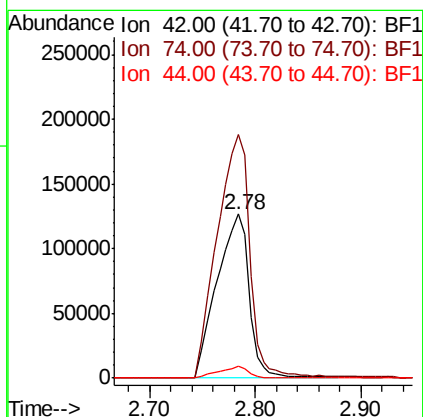
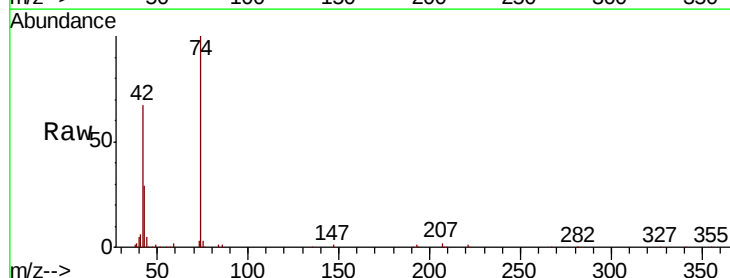
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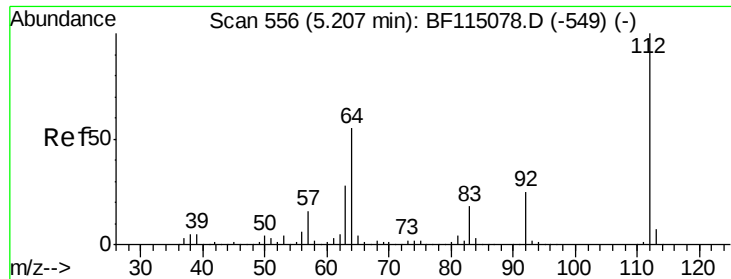
Tot Ion: 79 Resp: 721174  
 Ion Ratio Lower Upper  
 79 100  
 52 63.9 50.9 76.3  
 51 31.8 25.0 37.4



#4  
 n-Nitrosodimethylamine  
 Concen: 32.525 ng  
 RT: 2.78 min Scan# 144  
 Delta R.T. 0.02 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion: 42 Resp: 268326  
 Ion Ratio Lower Upper  
 42 100  
 74 148.4 119.1 178.7  
 44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 71.667 ng

RT: 5.20 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

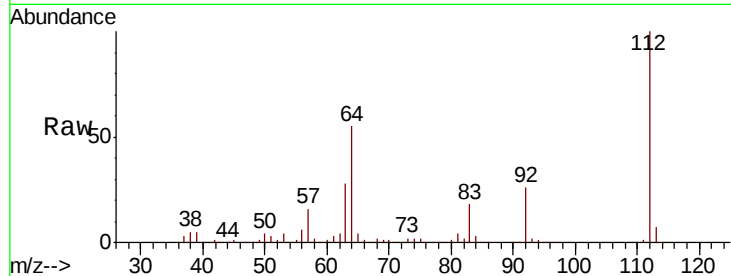
Tot Ion:112 Resp: 1133798

Ion Ratio Lower Upper

112 100

64 55.1 44.2 66.2

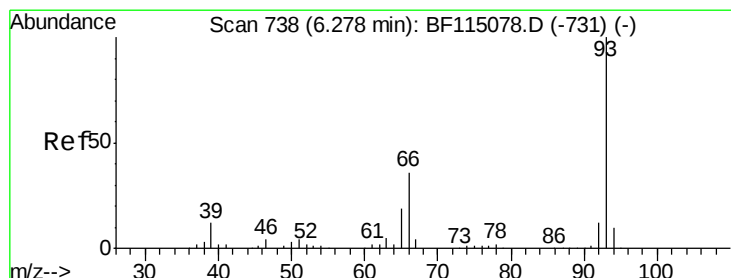
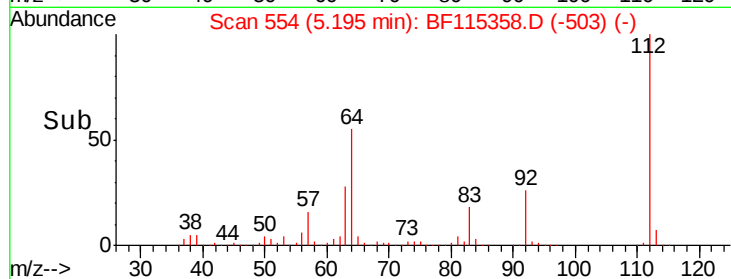
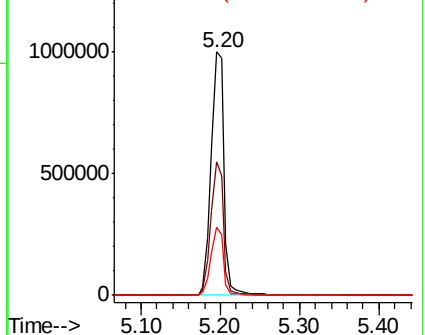
63 28.0 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.745 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

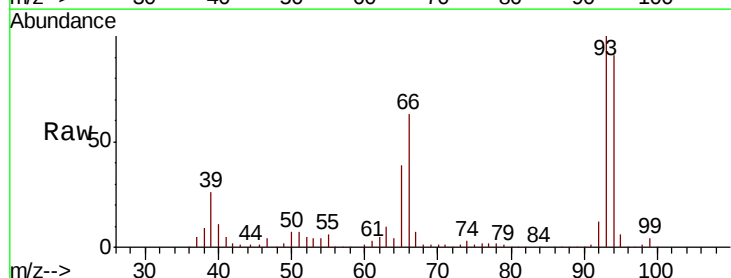
Tgt Ion: 93 Resp: 890549

Ion Ratio Lower Upper

93 100

66 62.9 53.8 80.6

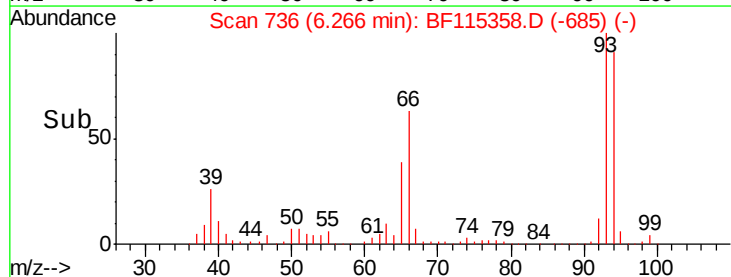
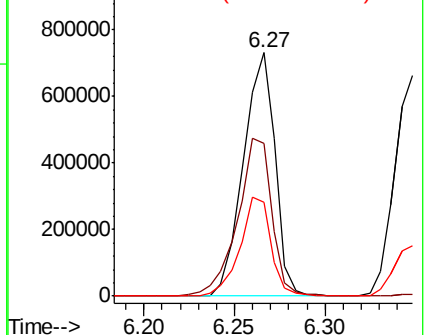
65 38.6 33.5 50.3



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: 71.639 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

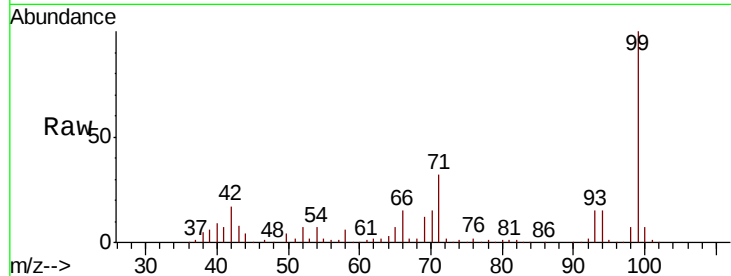
Tot Ion: 99 Resp: 1375624

Ion Ratio Lower Upper

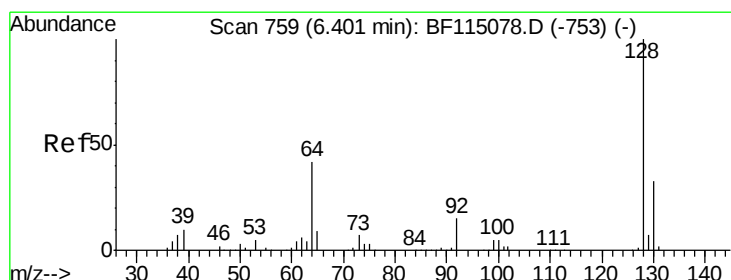
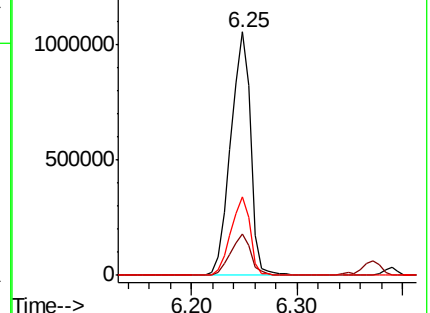
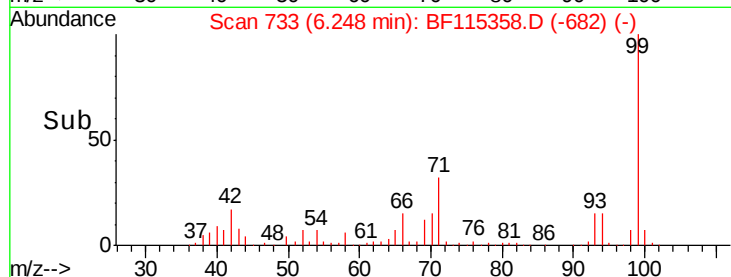
99 100

42 16.9 13.4 20.2

71 32.2 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.684 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

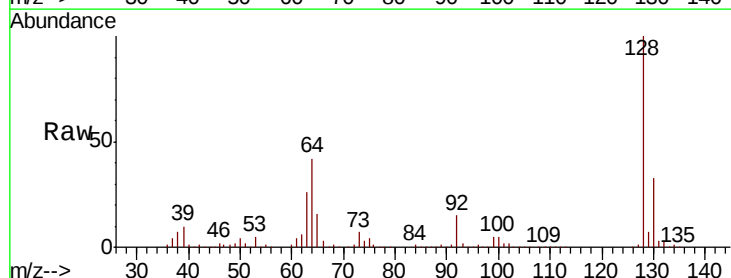
Tgt Ion:128 Resp: 670364

Ion Ratio Lower Upper

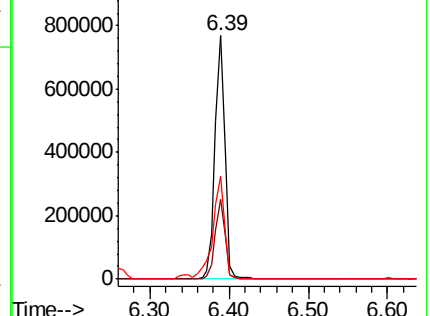
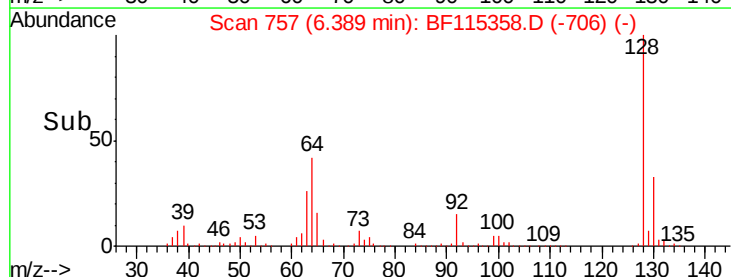
128 100

130 32.9 12.8 52.8

64 42.0 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

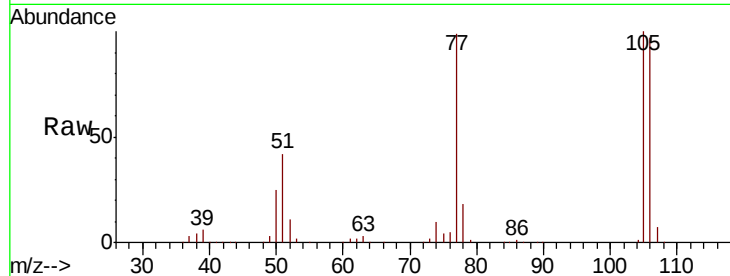




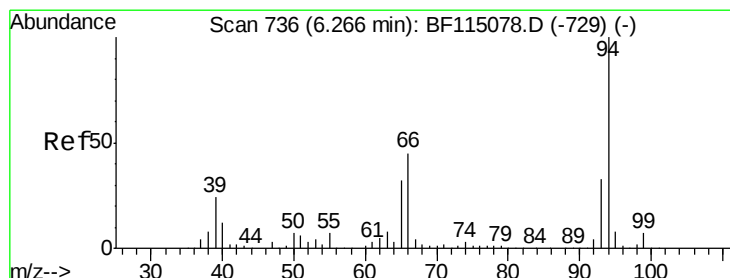
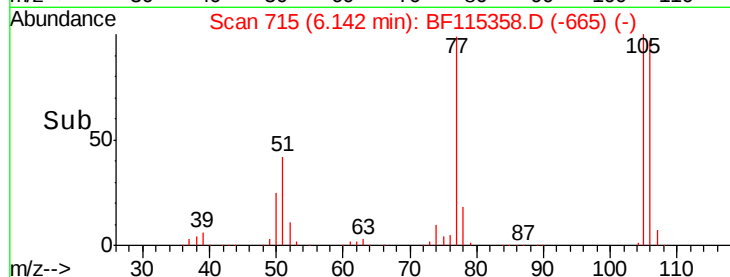
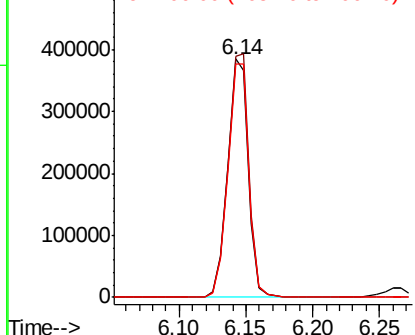
#9  
Benzaldehyde  
Concen: 33.460 ng  
RT: 6.14 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 77 Resp: 419181  
Ion Ratio Lower Upper  
77 100  
105 101.4 85.2 125.2  
106 98.2 80.8 120.8

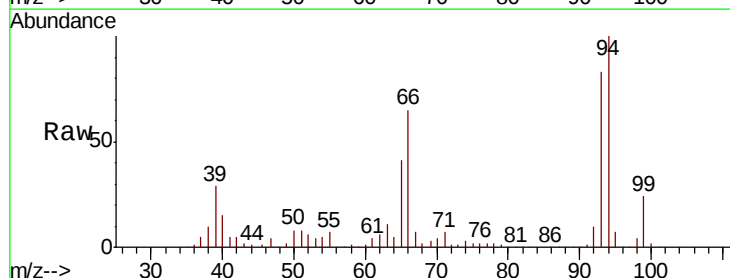


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 106.00 (105.70 to 106.70): BF1

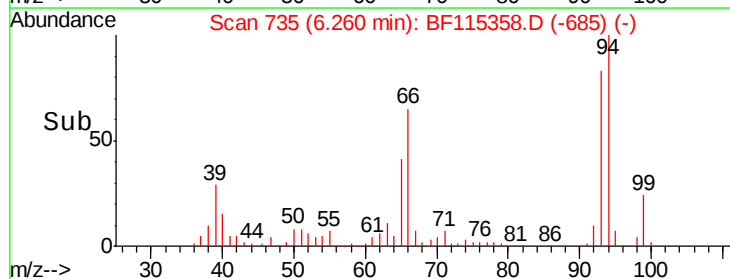
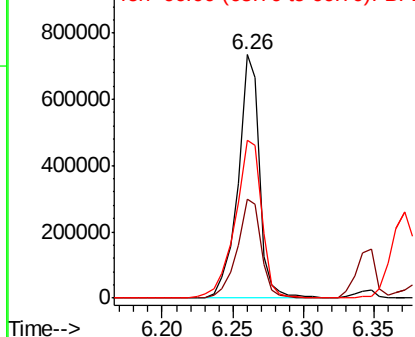


#10  
Phenol  
Concen: 34.479 ng  
RT: 6.26 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 94 Resp: 775536  
Ion Ratio Lower Upper  
94 100  
65 40.7 20.9 60.9  
66 64.7 45.4 85.4



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

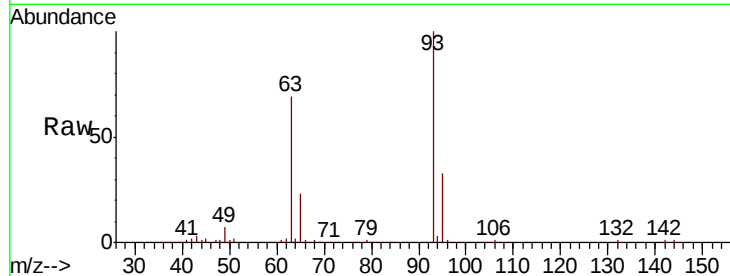




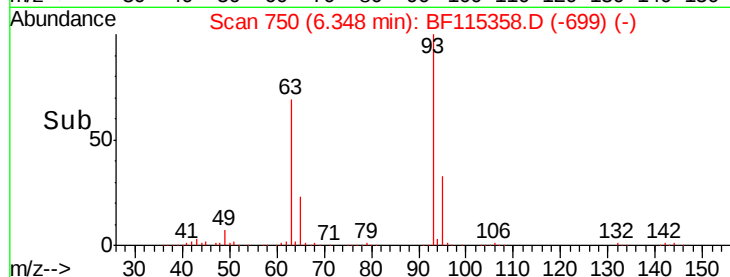
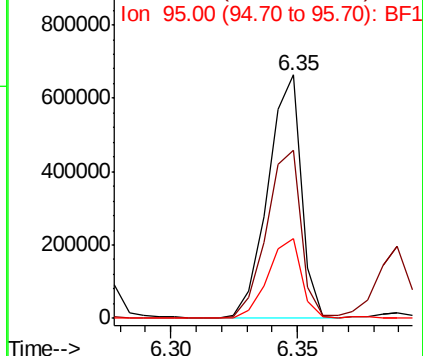
#11  
bis(2-Chloroethyl)ether  
Concen: 36.705 ng  
RT: 6.35 min Scan# 750  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 93 Resp: 608577  
Ion Ratio Lower Upper  
93 100  
63 68.9 49.7 89.7  
95 32.7 13.1 53.1

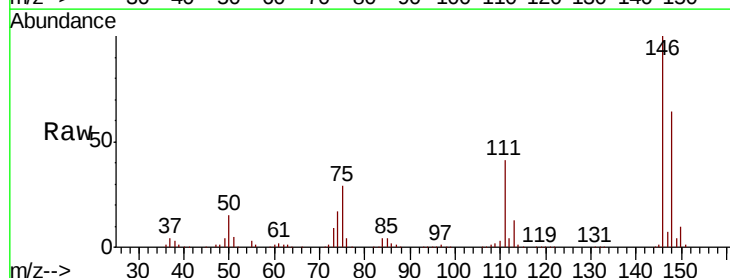


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

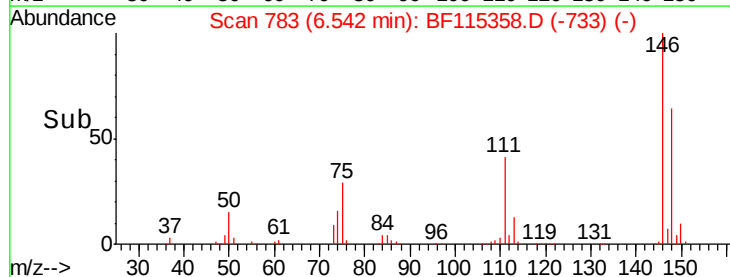
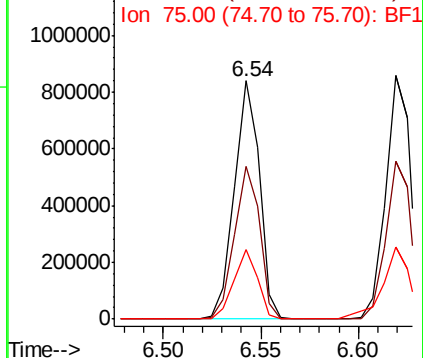


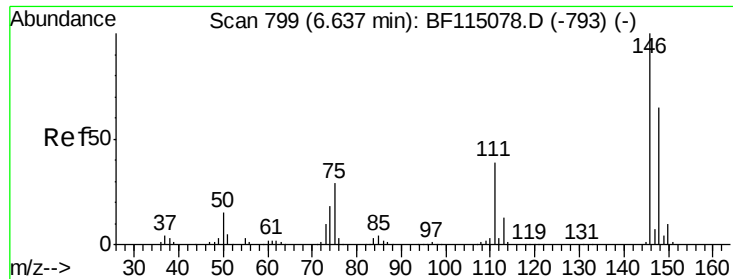
#12  
1,3-Dichlorobenzene  
Concen: 37.922 ng  
RT: 6.54 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 146 Resp: 748692  
Ion Ratio Lower Upper  
146 100  
148 64.3 52.8 79.2  
75 29.0 21.0 31.4



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

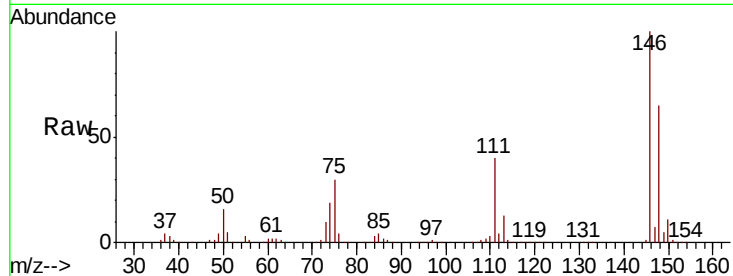




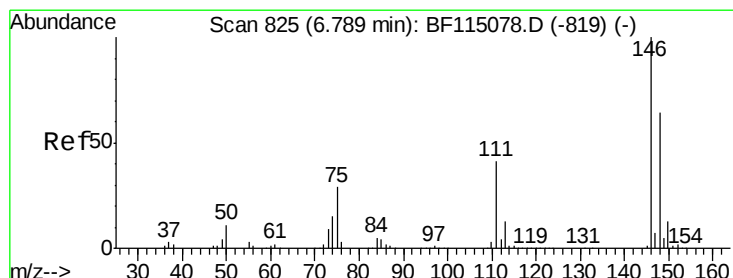
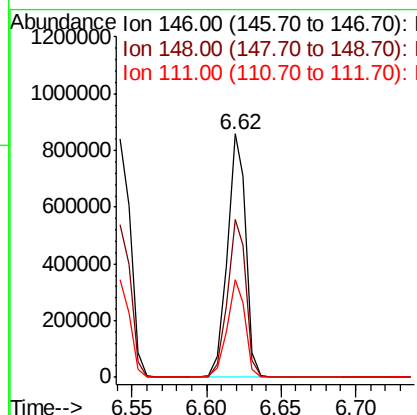
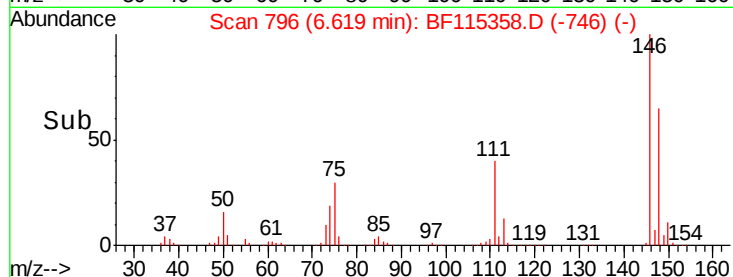
#13  
 1,4-Dichlorobenzene  
 Concen: 38.033 ng  
 RT: 6.62 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:146 Resp: 752962  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 52.6 79.0  
 111 40.3 30.6 45.8

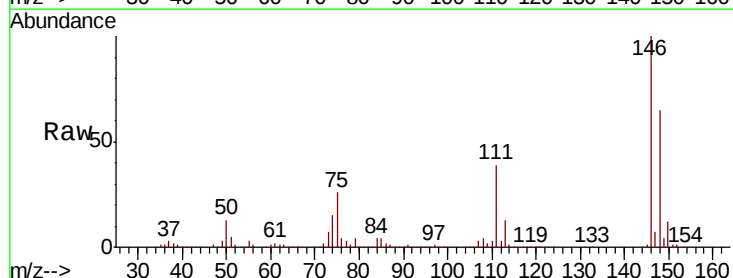


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

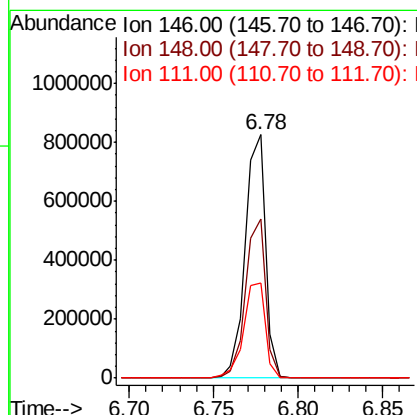
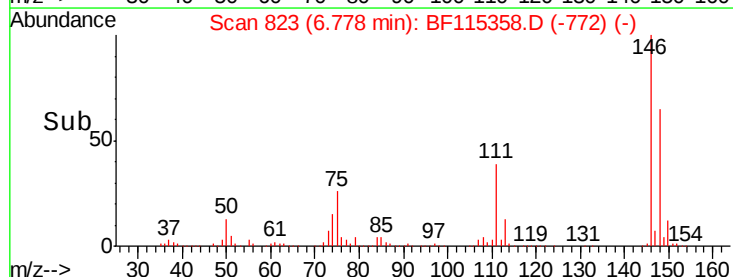


#14  
 1,2-Dichlorobenzene  
 Concen: 37.970 ng  
 RT: 6.78 min Scan# 823  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion:146 Resp: 696134  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 52.4 78.6  
 111 39.1 32.4 48.6



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





#15

Benzyl Alcohol

Concen: 31.613 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

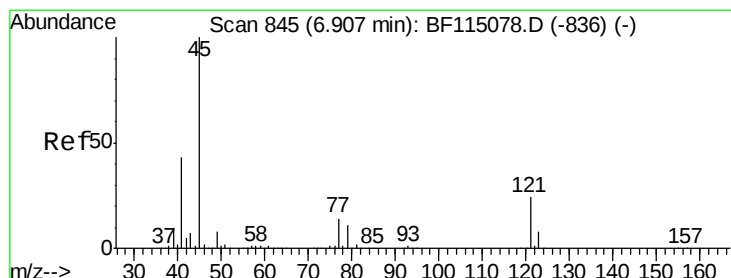
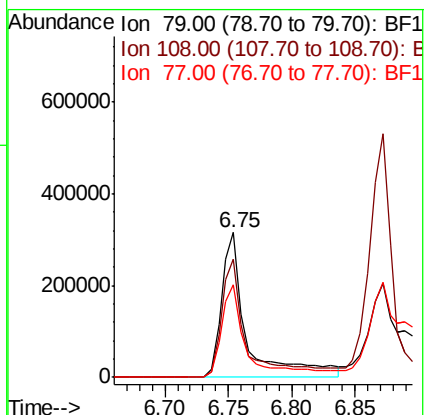
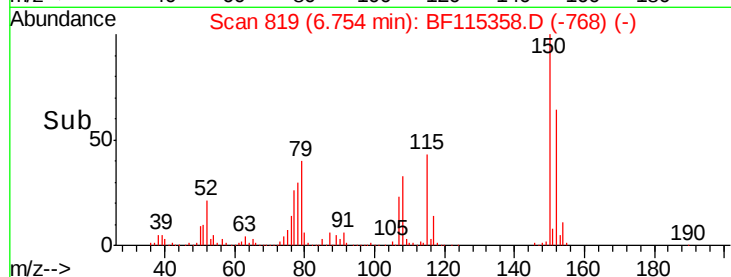
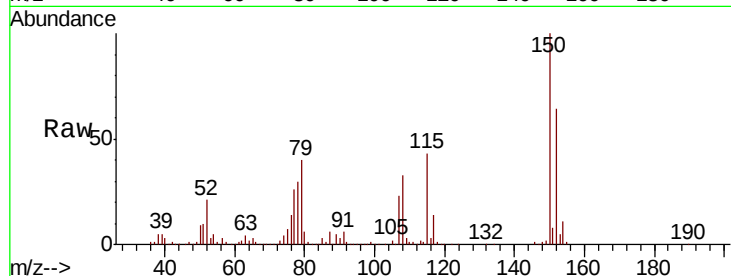
Tot Ion: 79 Resp: 442026

Ion Ratio Lower Upper

79 100

108 81.7 65.6 98.4

77 63.5 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.919 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

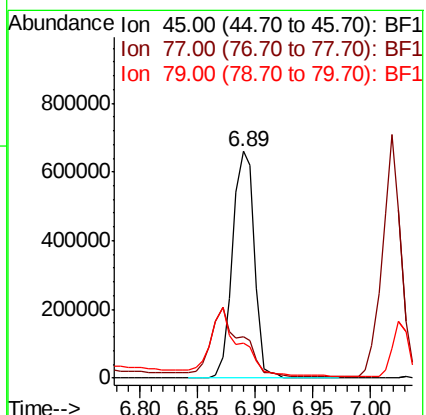
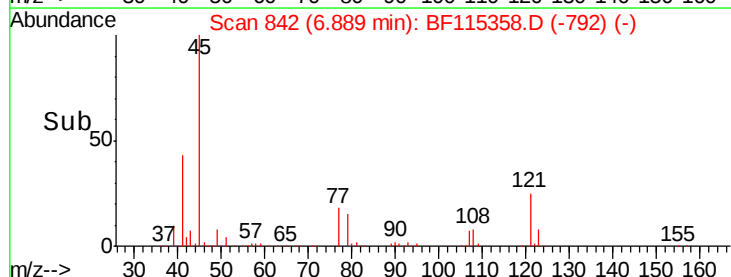
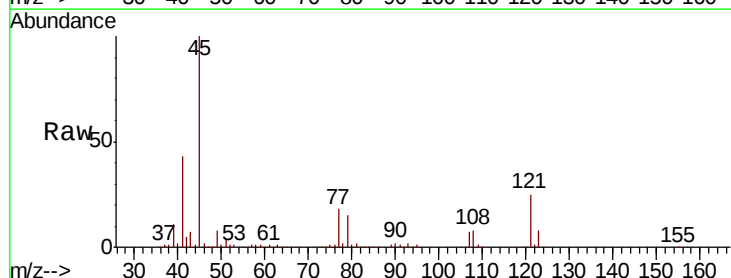
Tgt Ion: 45 Resp: 863771

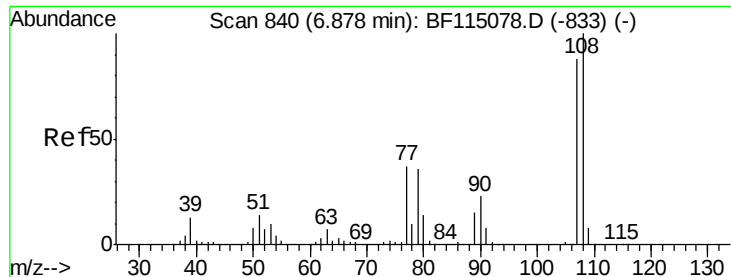
Ion Ratio Lower Upper

45 100

77 18.4 0.0 37.7

79 15.3 0.0 34.9

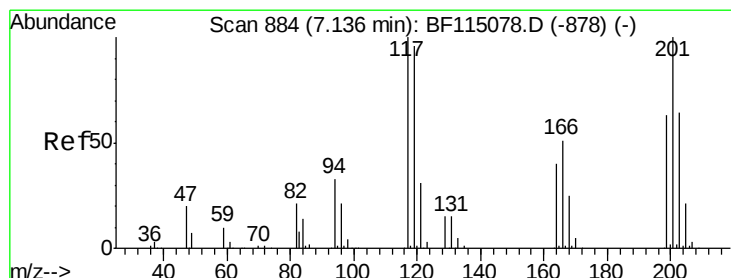
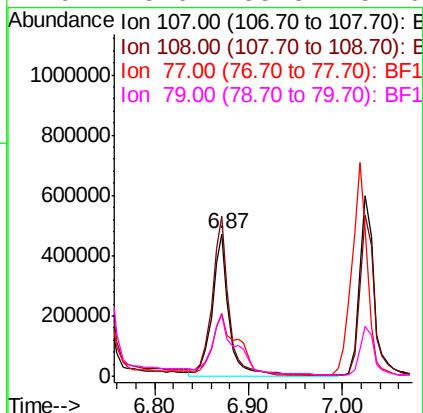
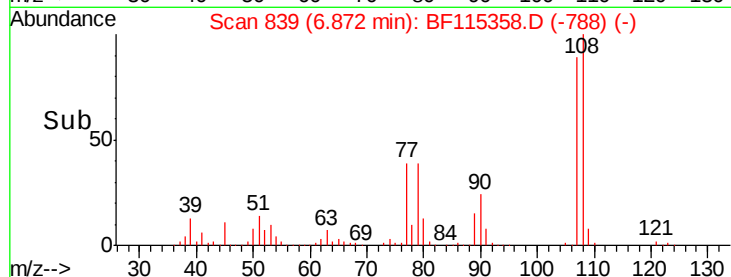
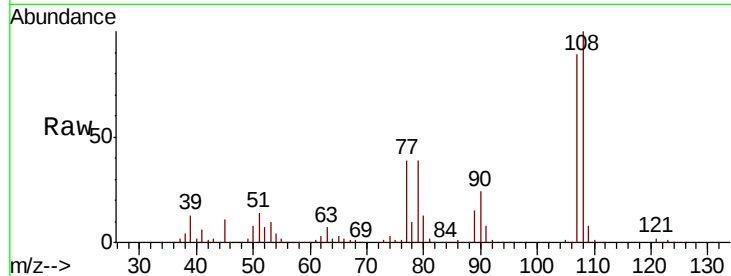




#17  
2-Methylphenol  
Concen: 41.021 ng  
RT: 6.87 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

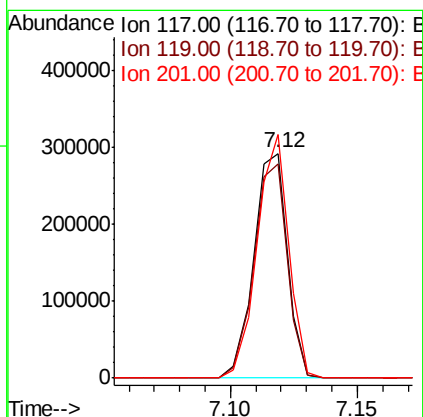
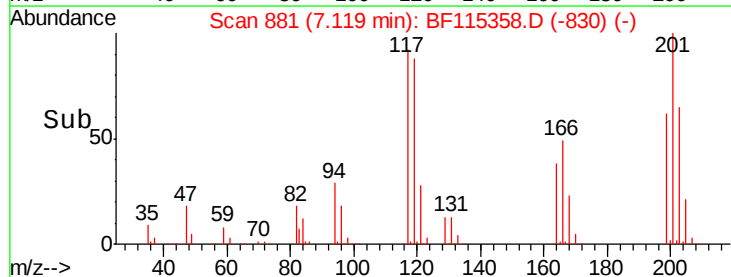
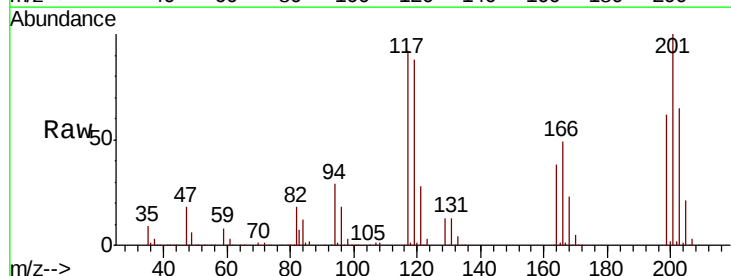
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

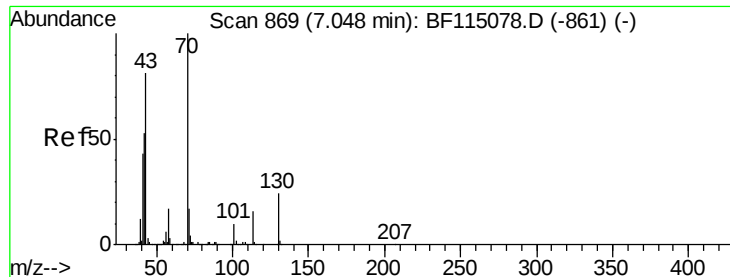
Tot Ion:107 Resp: 602332  
Ion Ratio Lower Upper  
107 100  
108 112.7 91.0 136.4  
77 44.1 35.8 53.8  
79 43.6 35.3 52.9



#18  
Hexachloroethane  
Concen: 38.046 ng  
RT: 7.12 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:117 Resp: 271549  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.9 115.3  
201 108.3 81.8 122.8

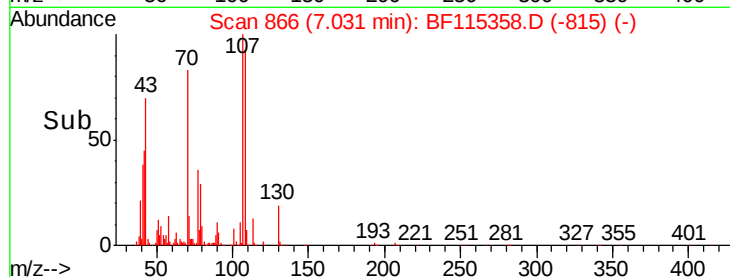
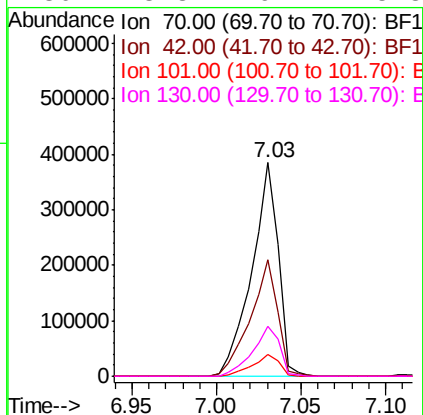
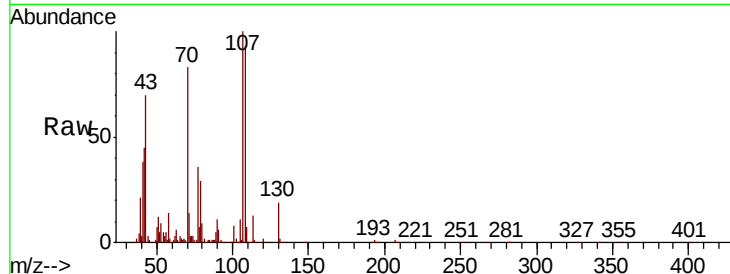




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.393 ng  
RT: 7.03 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

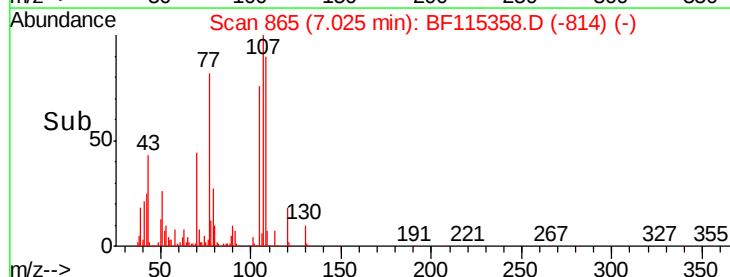
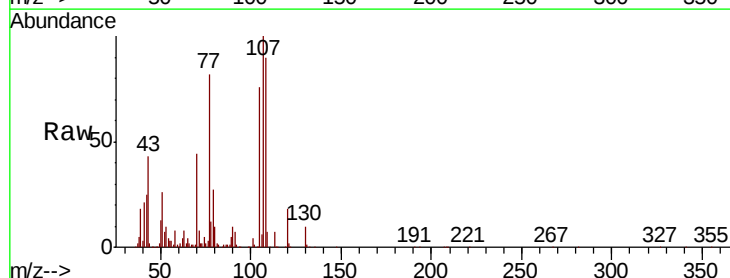
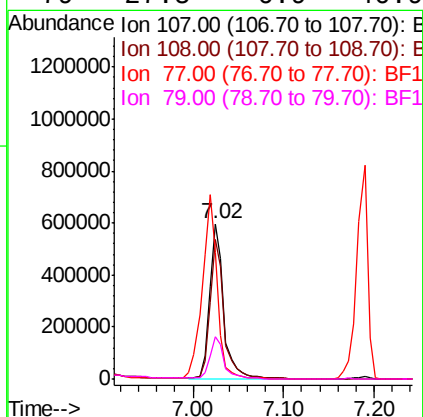
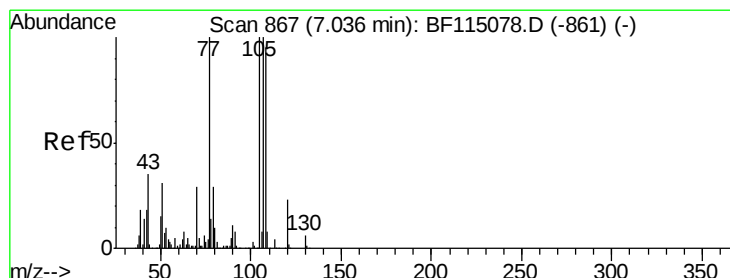
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 422812 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.3  | 44.3  | 66.5   |
| 101      | 10.0  | 7.8   | 11.8   |
| 130      | 23.3  | 19.2  | 28.8   |



#20  
3+4-Methylphenols  
Concen: 38.135 ng  
RT: 7.02 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 646577 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.7  | 67.9  | 107.9  |
| 77       | 81.7  | 76.7  | 116.7  |
| 79       | 27.5  | 6.9   | 46.9   |

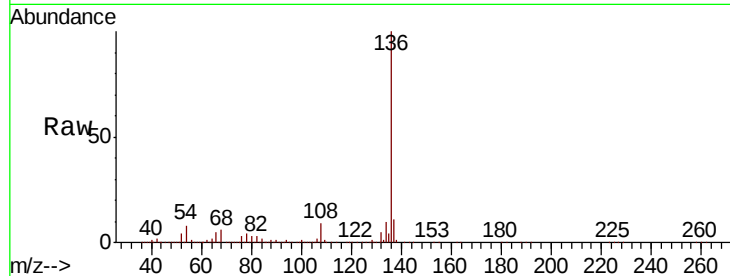




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.88 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 987344 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.4    | 8.9 13.3     |
| 54 7.5      | 5.1 7.7      |
| 68 6.2      | 4.3 6.5      |



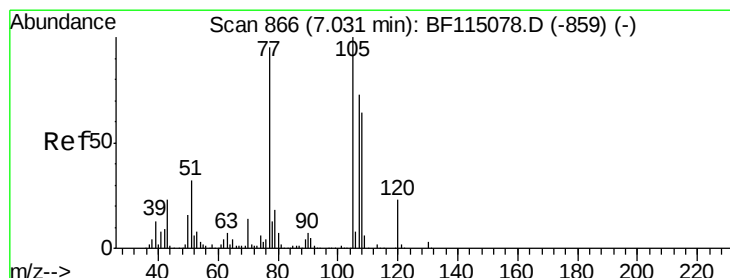
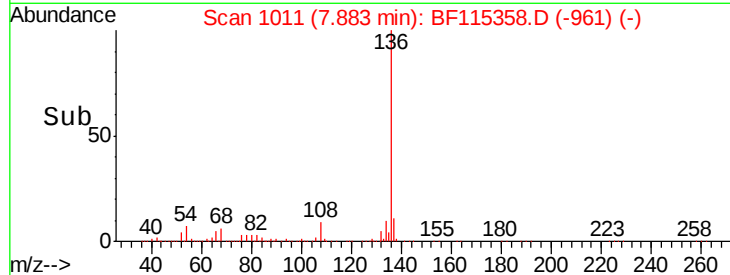
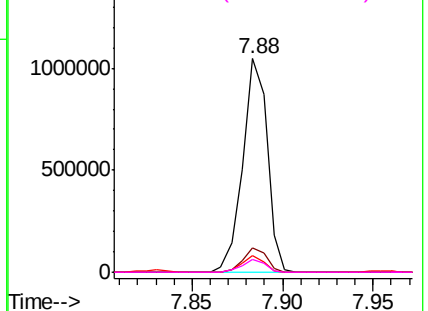
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

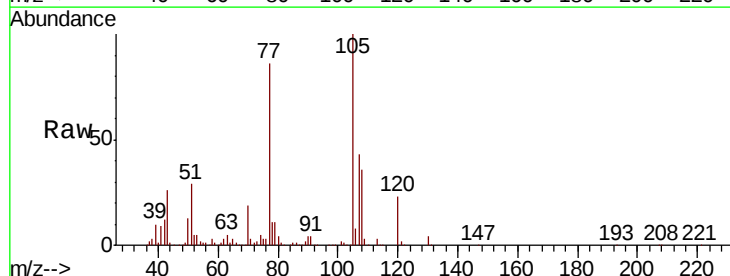
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 37.811 ng  
RT: 7.02 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 854670 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.3     | 2.2   | 3.4    |
| 51  | 28.7    | 21.1  | 31.7   |
| 120 | 23.4    | 18.6  | 27.8   |



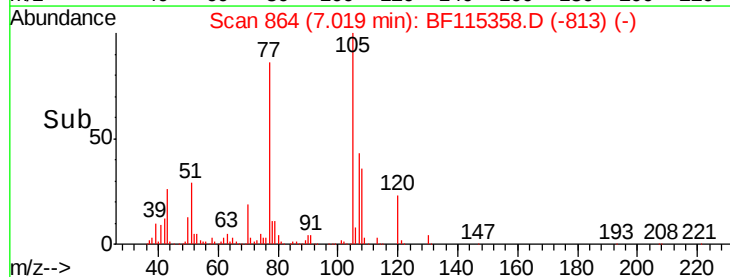
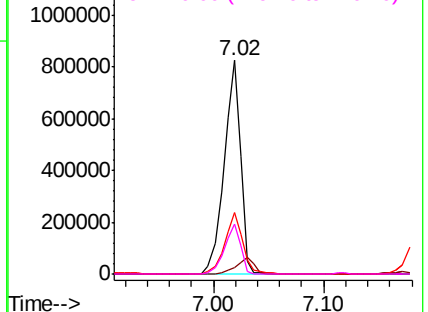
Abundance

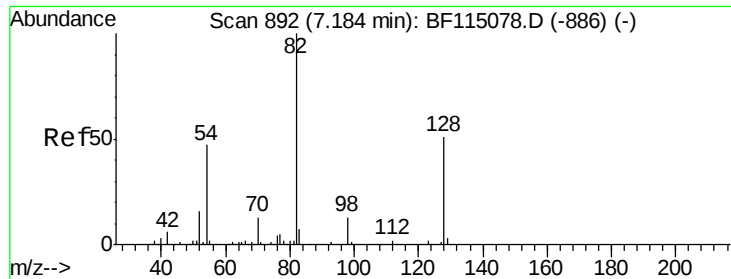
Ion 105.00 (104.70 to 105.70): E

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

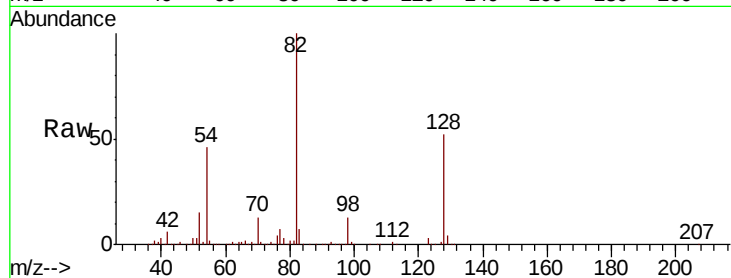




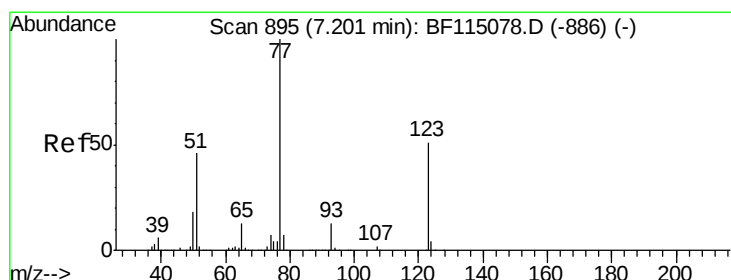
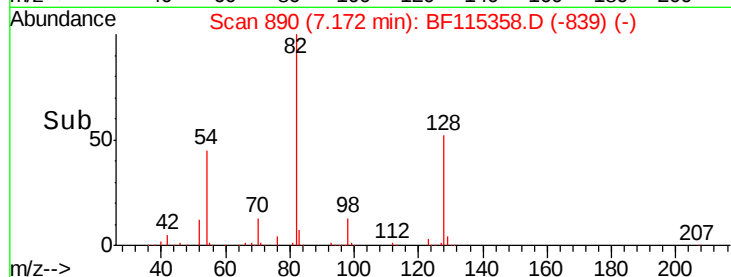
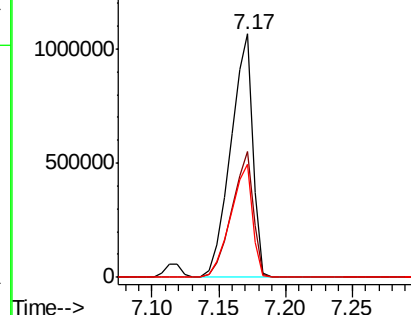
#23  
Nitrobenzene-d5  
Concen: 77.487 ng  
RT: 7.17 min Scan# 890  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 82 Resp: 1243687  
Ion Ratio Lower Upper  
82 100  
128 51.5 40.8 61.2  
54 46.3 37.0 55.4

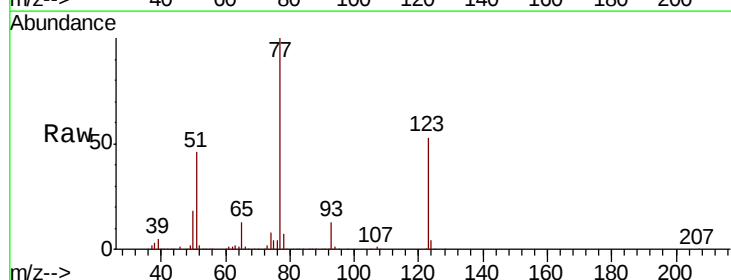


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

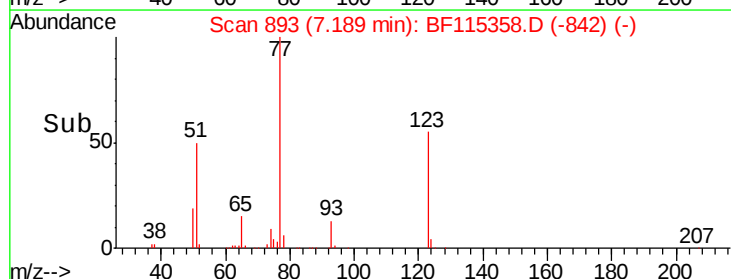
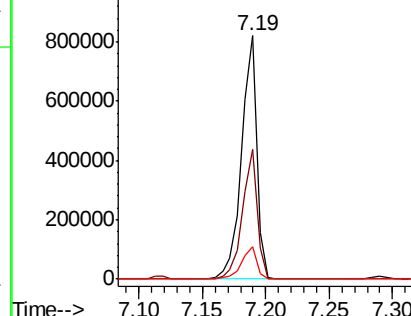


#24  
Nitrobenzene  
Concen: 38.102 ng  
RT: 7.19 min Scan# 893  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 77 Resp: 673738  
Ion Ratio Lower Upper  
77 100  
123 53.0 41.8 62.8  
65 13.1 10.7 16.1



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

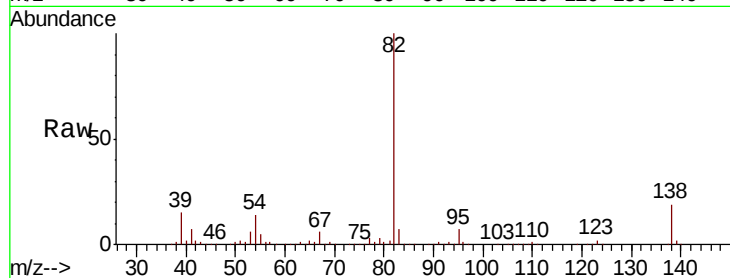




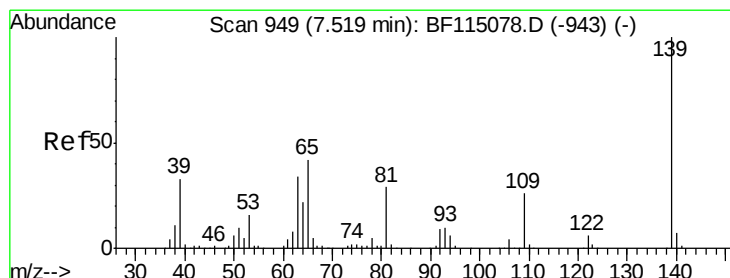
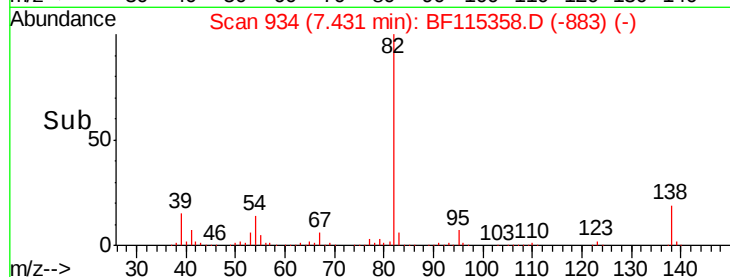
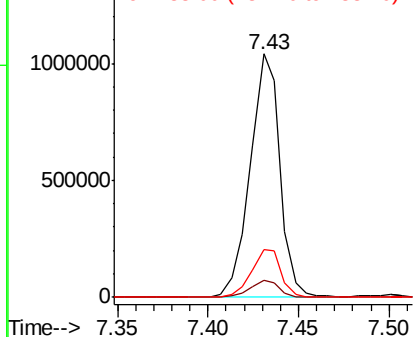
#25  
Isophorone  
Concen: 36.074 ng  
RT: 7.43 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion: 82 Resp: 1186119  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.2  
138 19.4 15.4 23.2

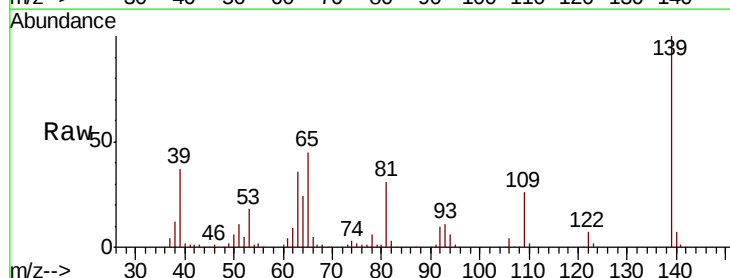


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

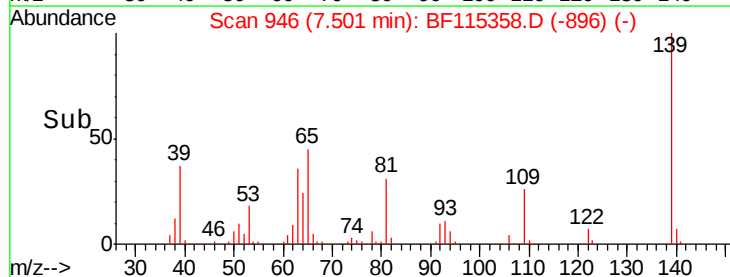
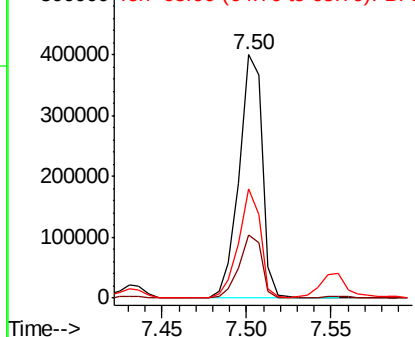


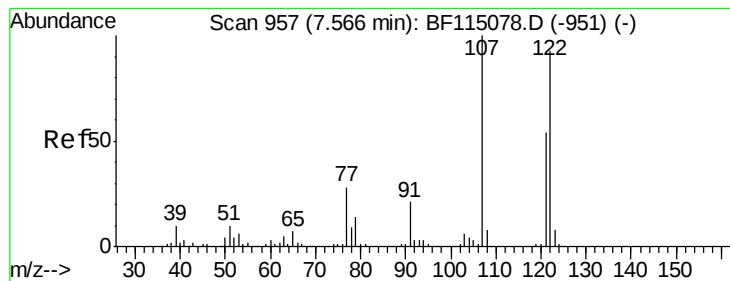
#26  
2-Nitrophenol  
Concen: 43.983 ng  
RT: 7.50 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 139 Resp: 384074  
Ion Ratio Lower Upper  
139 100  
109 25.9 20.1 30.1  
65 45.1 31.4 47.0



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





#27

2,4-Dimethylphenol

Concen: 38.422 ng

RT: 7.55 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

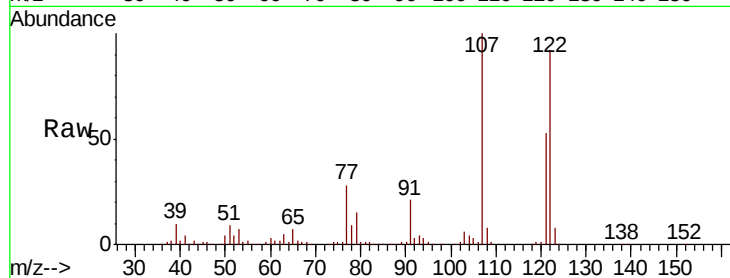
Tot Ion:122 Resp: 549341

Ion Ratio Lower Upper

122 100

107 108.8 86.7 130.1

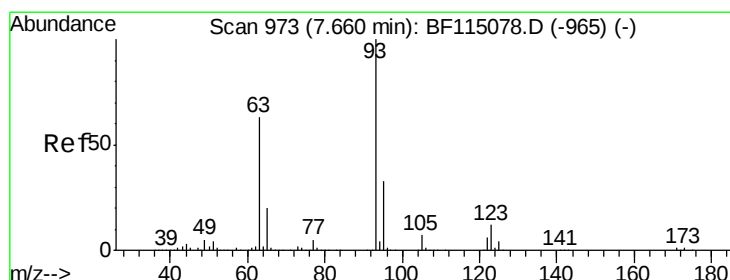
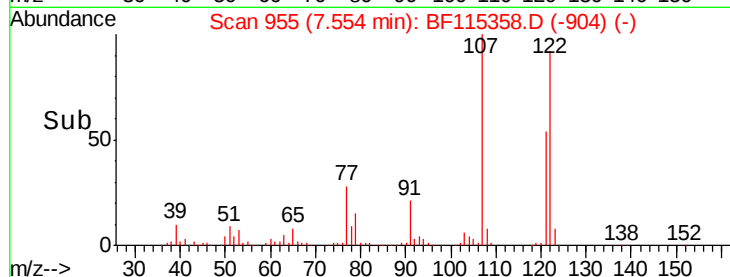
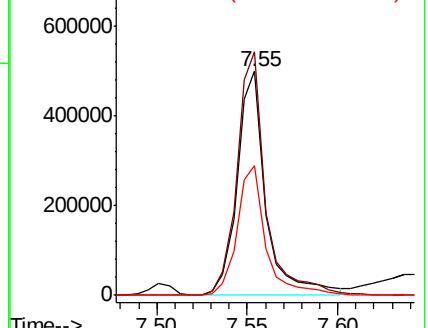
121 58.2 47.2 70.8



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: 37.270 ng

RT: 7.65 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

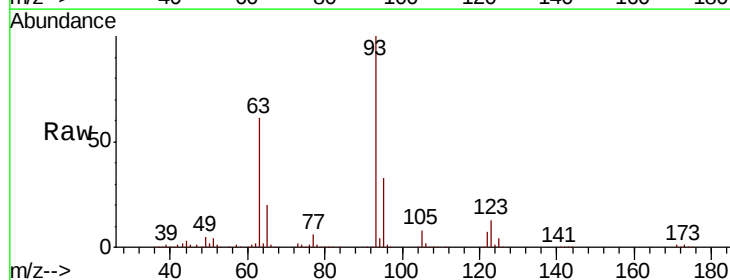
Tgt Ion: 93 Resp: 774517

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

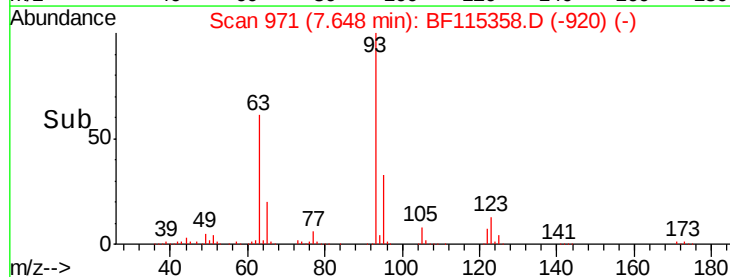
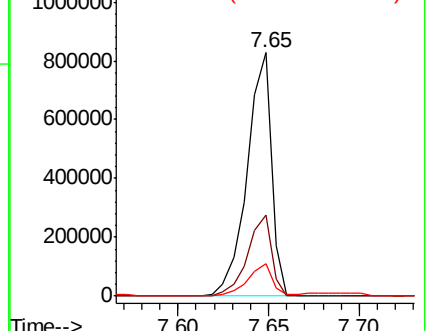
123 13.1 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

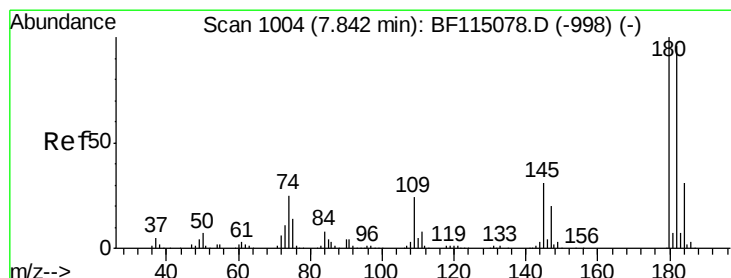
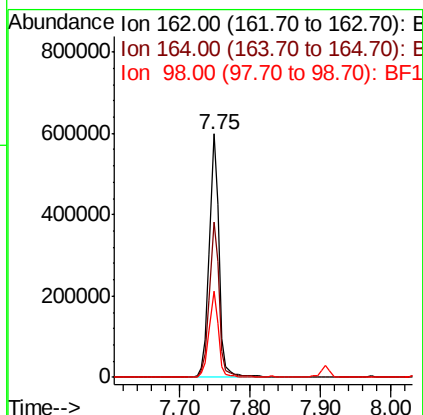
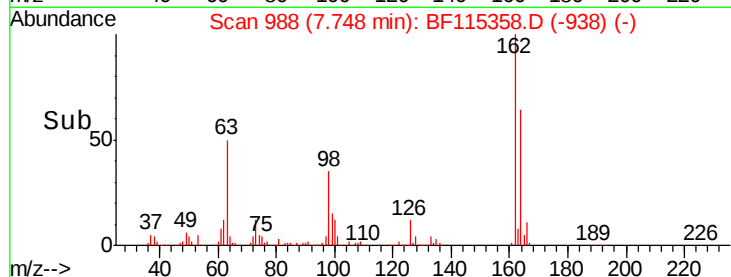
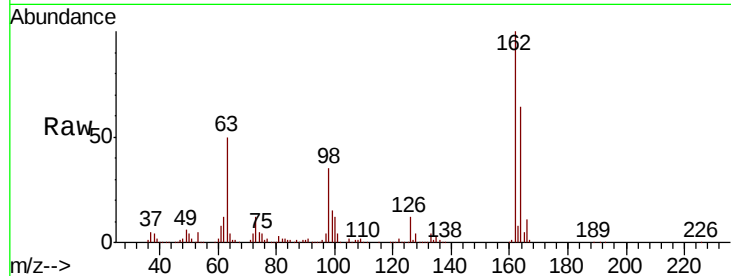




#29  
2,4-Dichlorophenol  
Concen: 39.204 ng  
RT: 7.75 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

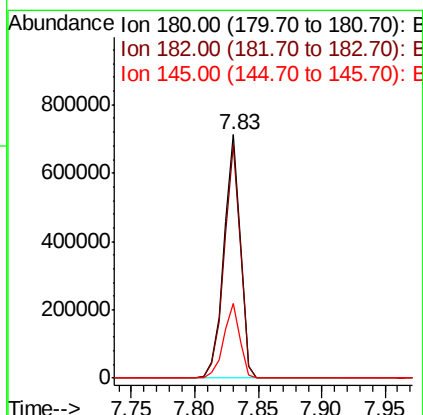
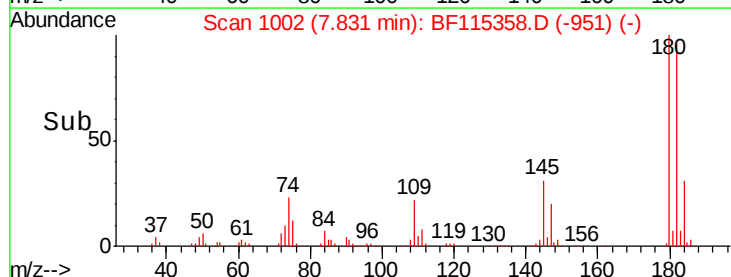
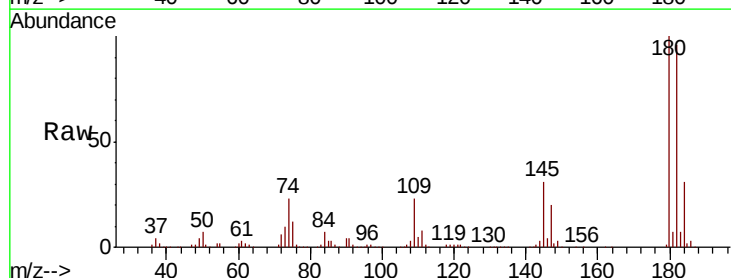
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

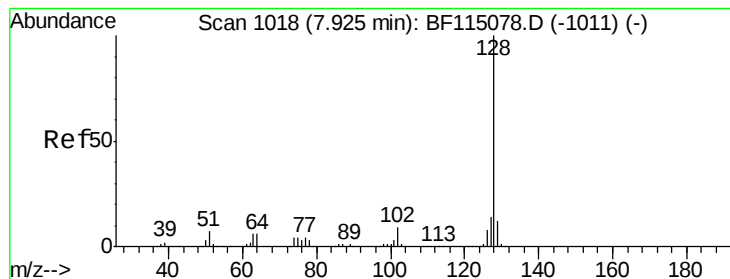
Tot Ion:162 Resp: 578441  
Ion Ratio Lower Upper  
162 100  
164 63.9 45.4 85.4  
98 35.4 12.1 52.1



#30  
1,2,4-Trichlorobenzene  
Concen: 39.507 ng  
RT: 7.83 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:180 Resp: 643883  
Ion Ratio Lower Upper  
180 100  
182 95.6 76.9 115.3  
145 30.7 24.8 37.2





#31

Naphthalene

Concen: 38.146 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

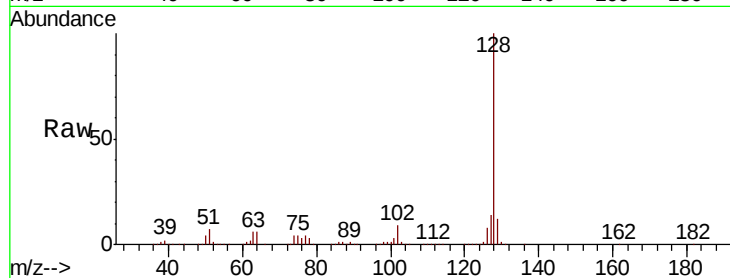
Tot Ion:128 Resp: 1848792

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

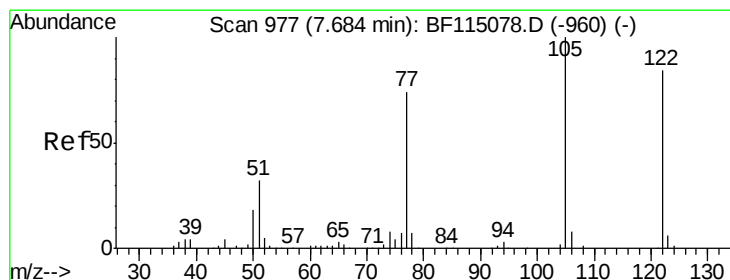
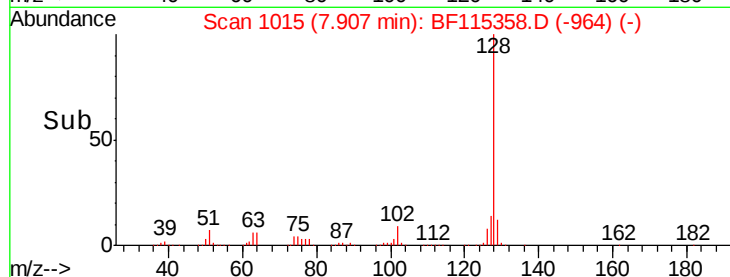
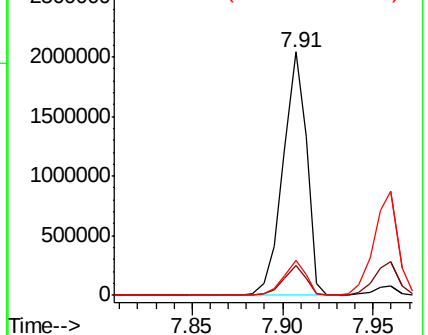
127 14.3 11.1 16.7



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: 35.722 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

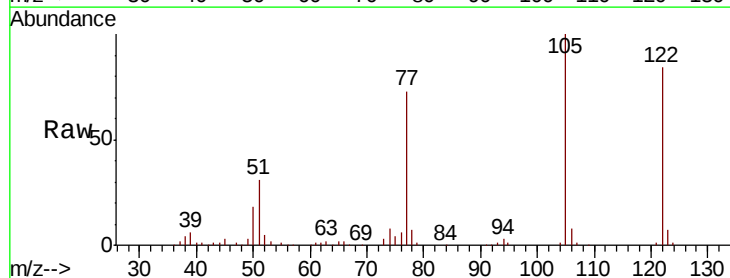
Tgt Ion:122 Resp: 364570

Ion Ratio Lower Upper

122 100

105 118.9 98.1 138.1

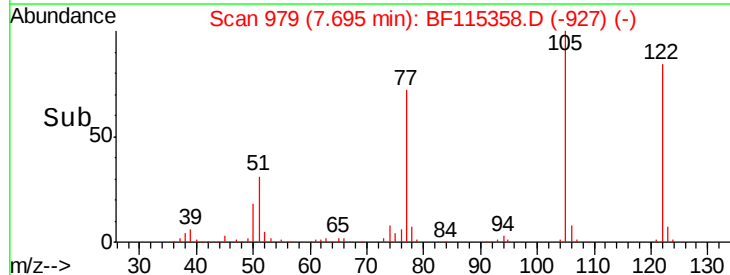
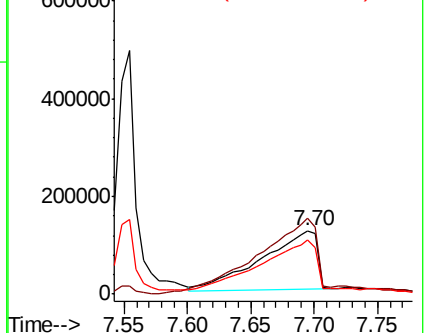
77 86.4 67.0 107.0



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

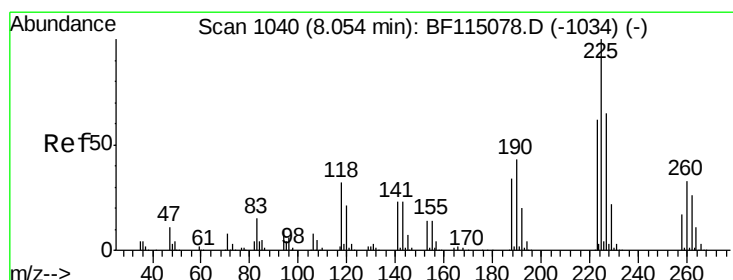
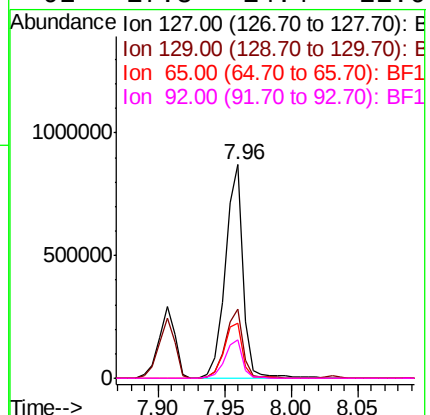
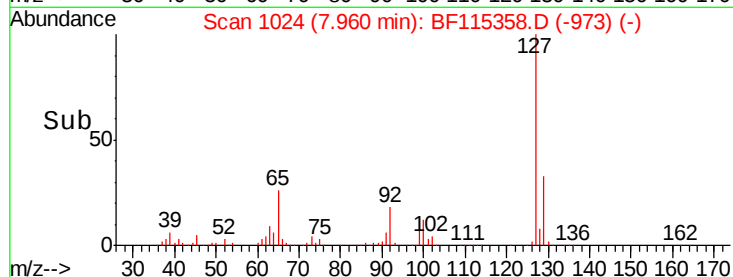
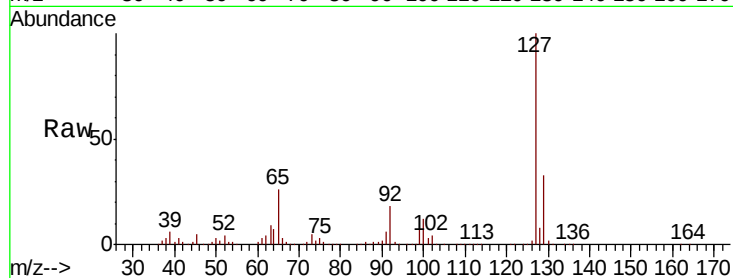




#33  
4-Chloroaniline  
Concen: 36.980 ng  
RT: 7.96 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

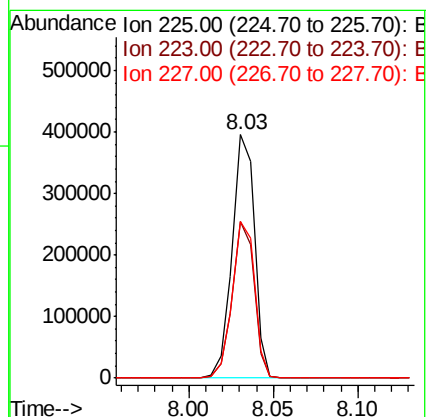
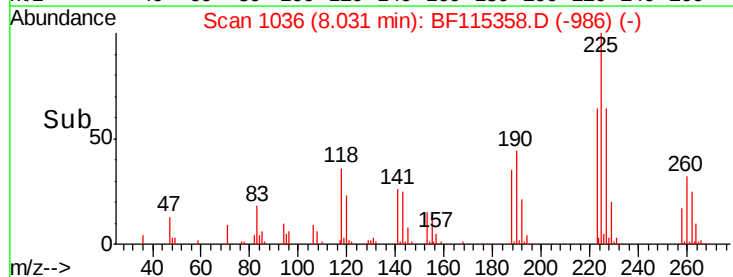
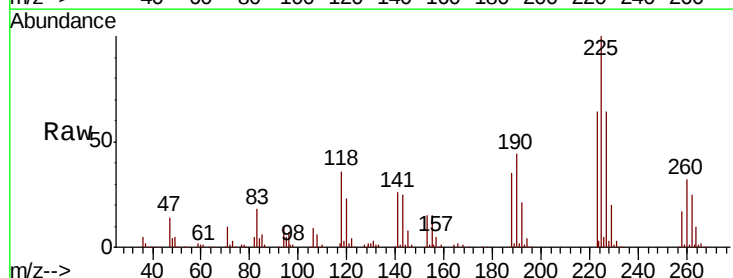
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

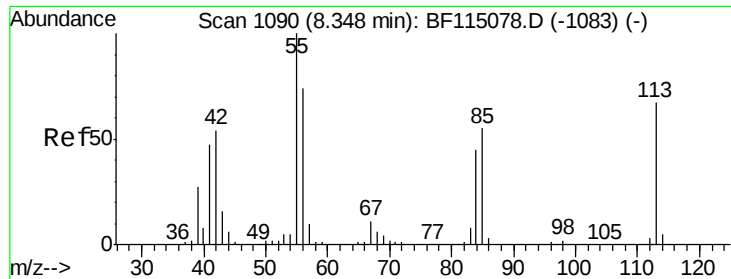
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 819120 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.0  | 39.0   |
| 65       | 26.0  | 21.3  | 31.9   |
| 92       | 17.8  | 14.4  | 21.6   |



#34  
Hexachlorobutadiene  
Concen: 40.576 ng  
RT: 8.03 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 362395 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 50.4  | 75.6   |
| 227      | 64.2  | 52.3  | 78.5   |

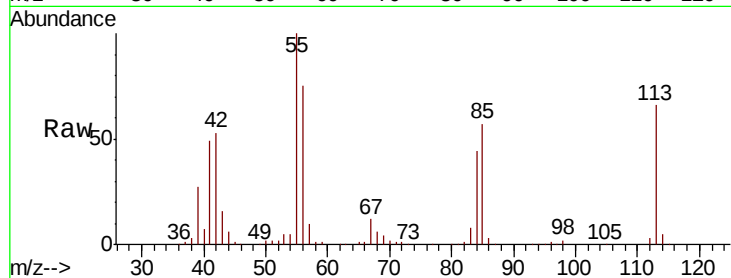




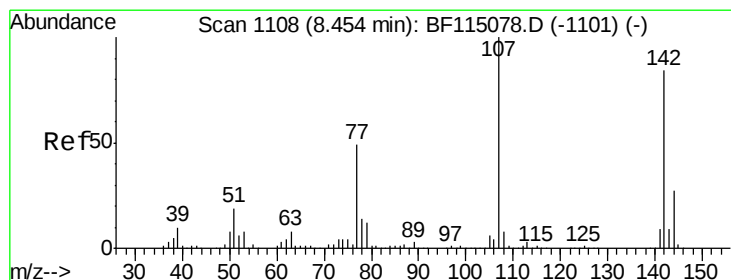
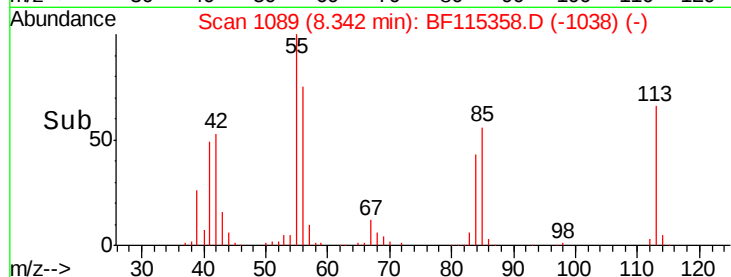
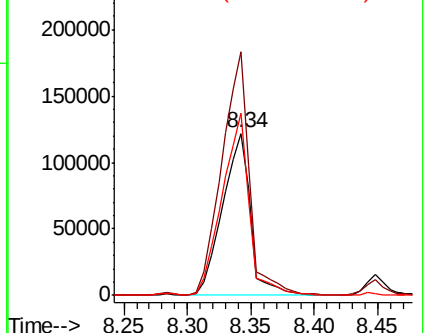
#35  
Caprolactam  
Concen: 37.241 ng  
RT: 8.34 min Scan# 1089  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:113 Resp: 184739  
Ion Ratio Lower Upper  
113 100  
55 150.5 125.9 165.9  
56 112.2 88.3 128.3

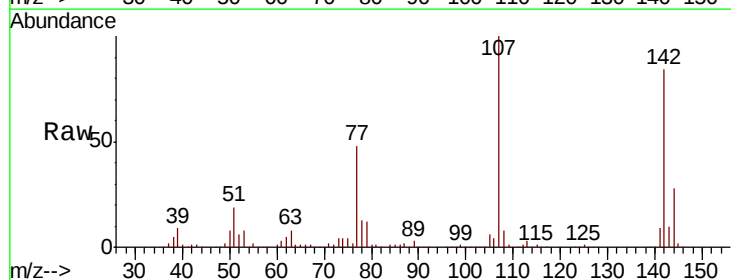


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

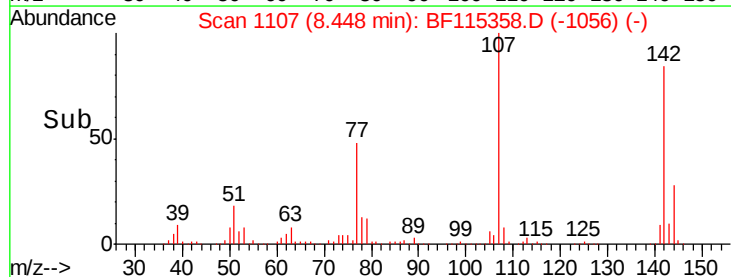
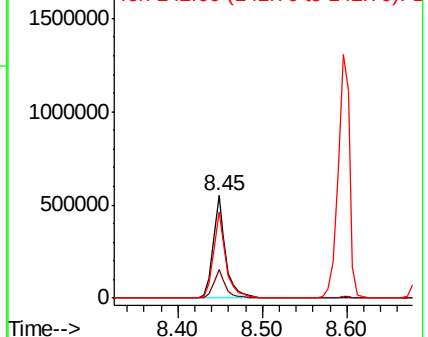


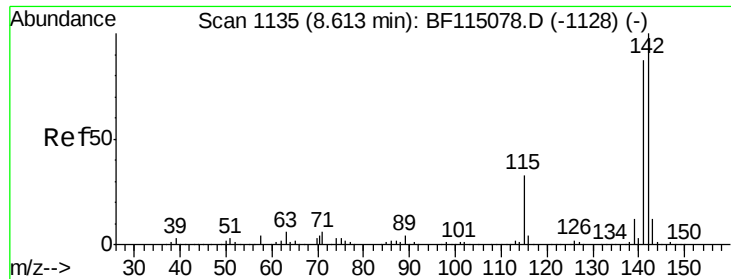
#36  
4-Chloro-3-methylphenol  
Concen: 38.795 ng  
RT: 8.45 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:107 Resp: 579697  
Ion Ratio Lower Upper  
107 100  
144 27.5 21.4 32.0  
142 84.5 66.6 99.8



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

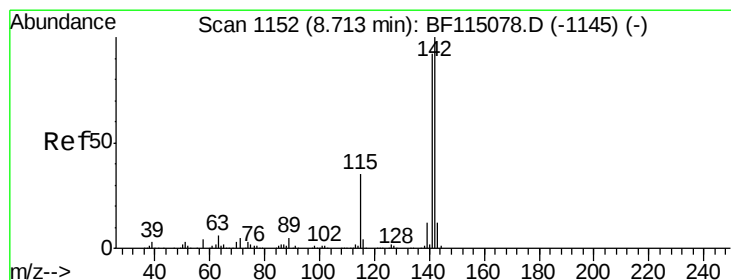
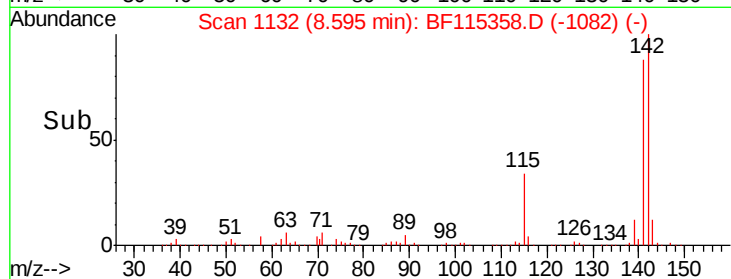
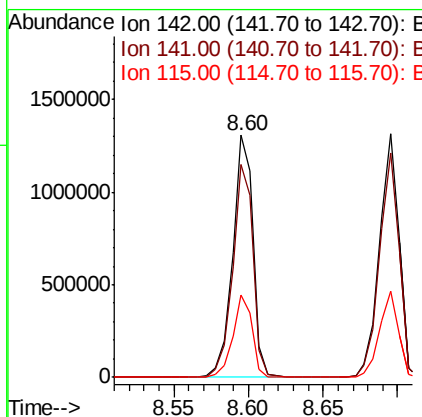
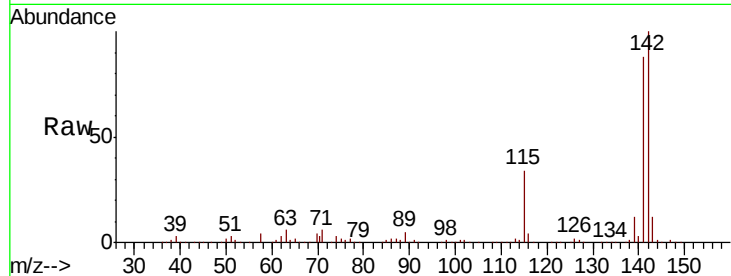




#37  
2-Methylnaphthalene  
Concen: 38.234 ng  
RT: 8.60 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

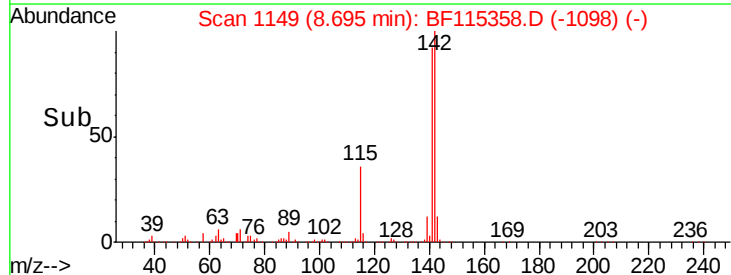
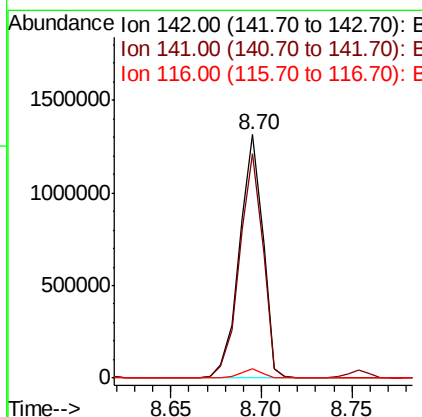
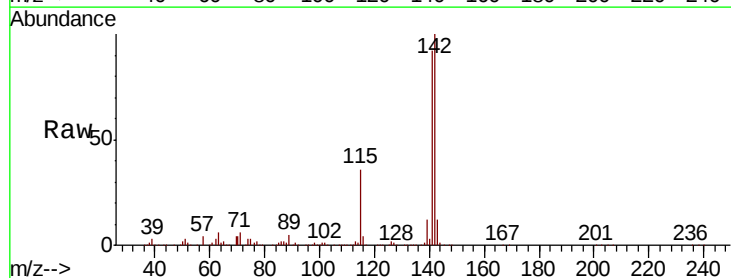
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

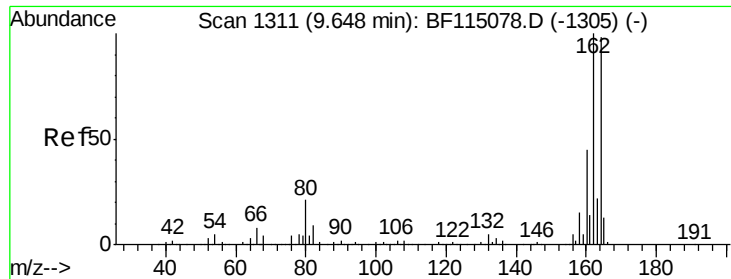
Tot Ion:142 Resp: 1249446  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.4 105.6  
115 34.0 25.9 38.9



#38  
1-Methylnaphthalene  
Concen: 37.659 ng  
RT: 8.70 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:142 Resp: 1175345  
Ion Ratio Lower Upper  
142 100  
141 92.2 73.5 110.3  
116 3.8 3.0 4.6

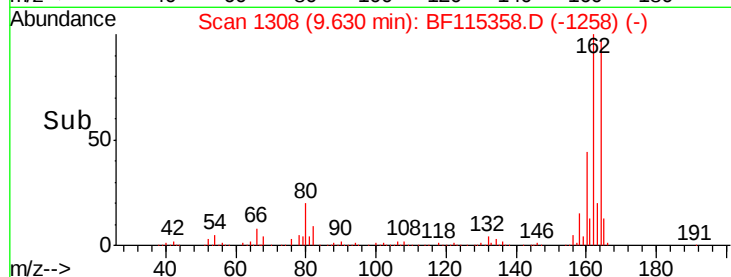
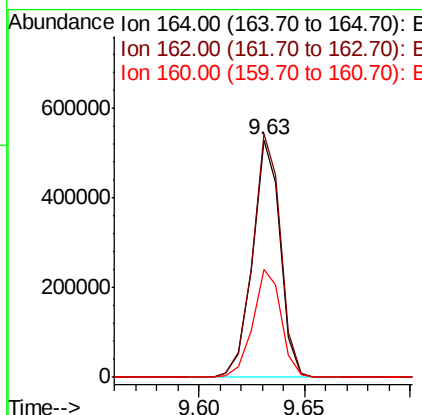
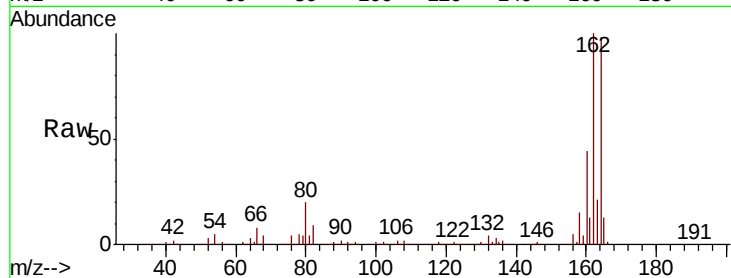




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.63 min Scan# 1308  
 Delta R.T. -0.01 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

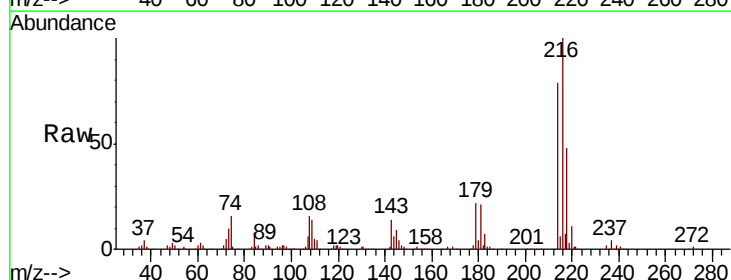
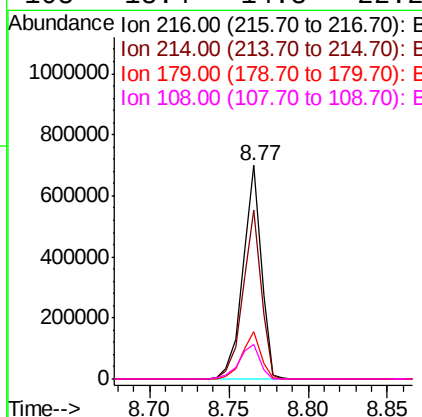
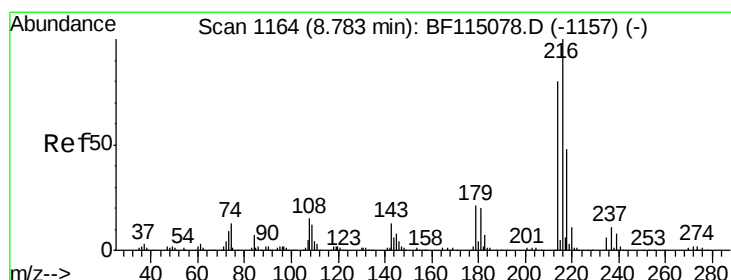
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:164 Resp: 481130  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 82.0 123.0  
 160 45.6 37.0 55.6



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.150 ng  
 RT: 8.77 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion:216 Resp: 559470  
 Ion Ratio Lower Upper  
 216 100  
 214 79.1 63.9 95.9  
 179 22.2 17.8 26.8  
 108 18.4 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 33.320 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

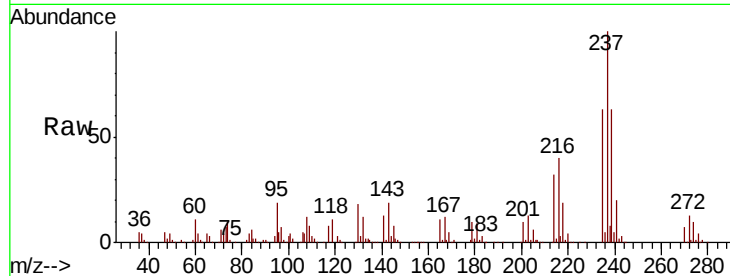
Tot Ion:237 Resp: 268622

Ion Ratio Lower Upper

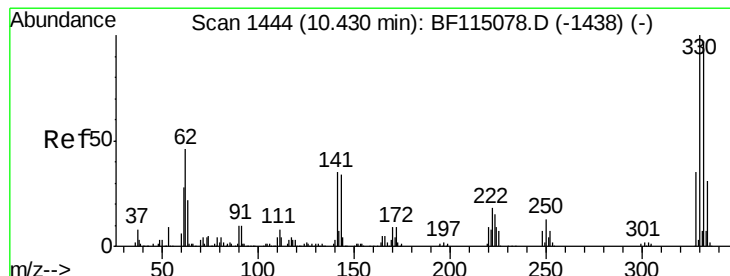
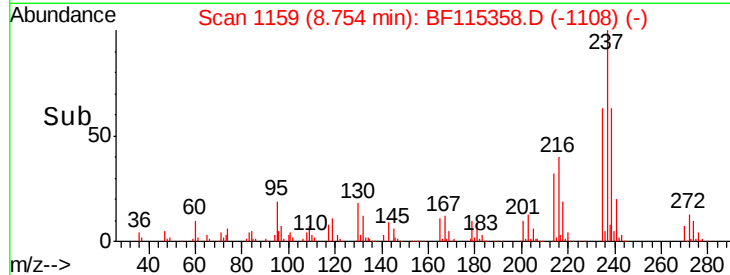
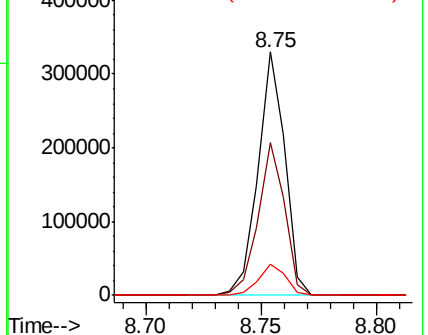
237 100

235 62.9 42.6 82.6

272 12.8 0.0 32.3



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: 80.712 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

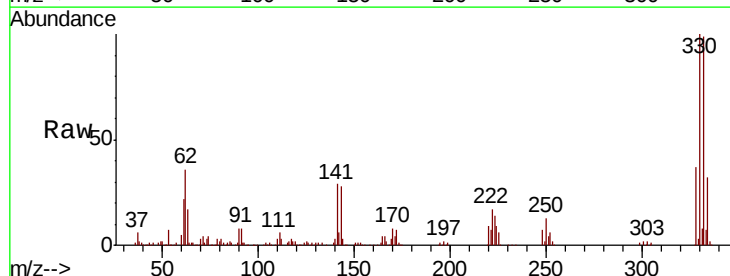
Tgt Ion:330 Resp: 409510

Ion Ratio Lower Upper

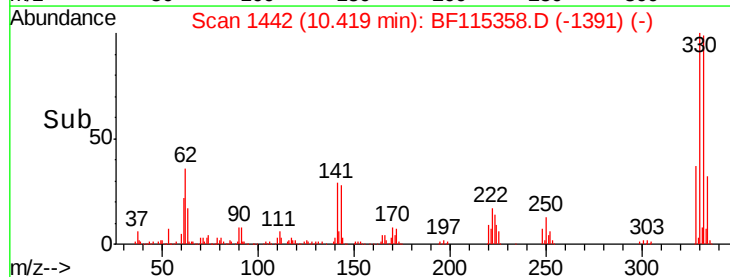
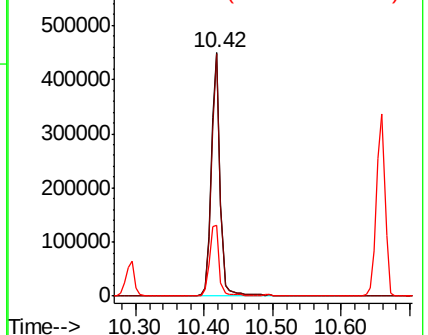
330 100

332 97.3 77.0 115.6

141 32.7 25.4 38.2



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

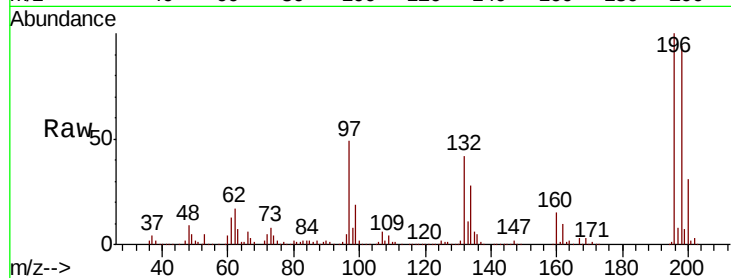




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.090 ng  
 RT: 8.88 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.3  | 75.6  | 113.4 |
| 200     | 31.1  | 24.2  | 36.2  |

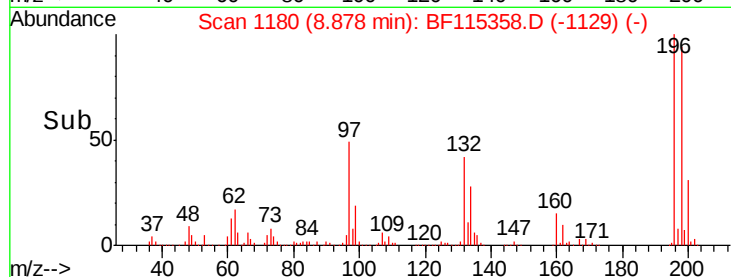
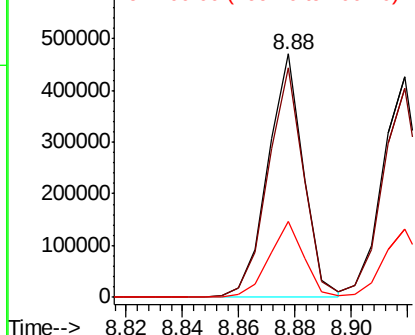


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.897 ng  
 RT: 8.92 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.1  | 75.4  | 113.0 |
| 97      | 42.9  | 37.5  | 56.3  |
| 132     | 27.6  | 23.4  | 35.0  |

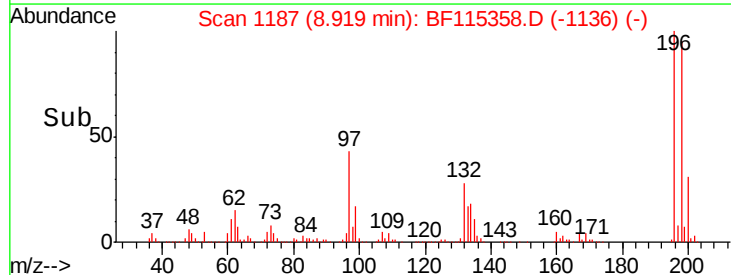
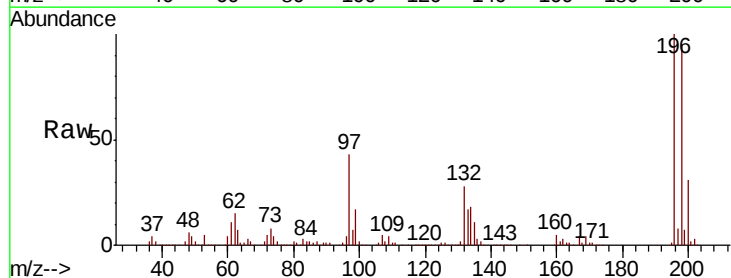
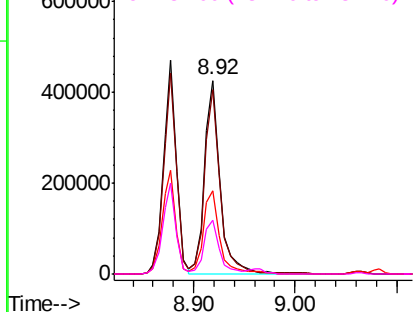
Abundance

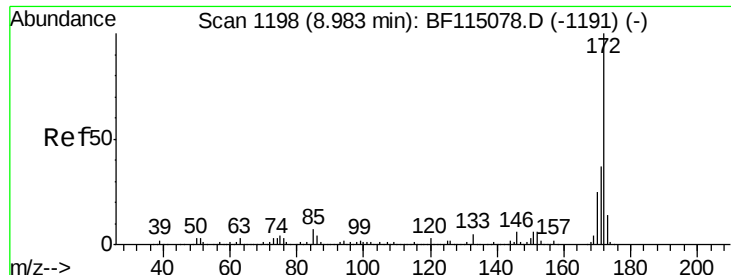
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

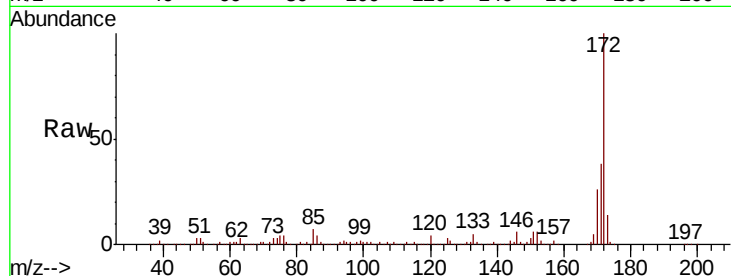




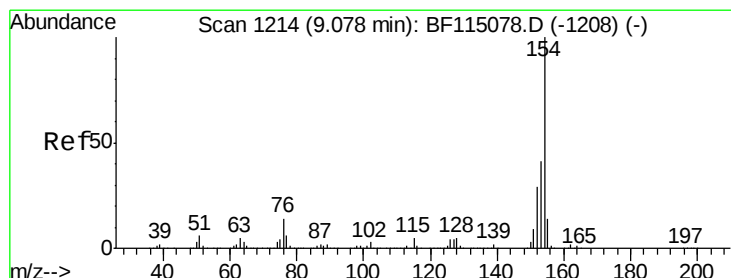
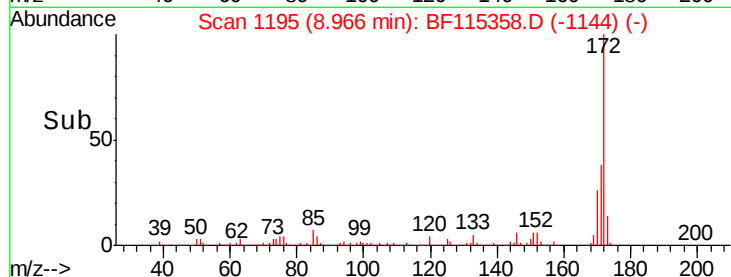
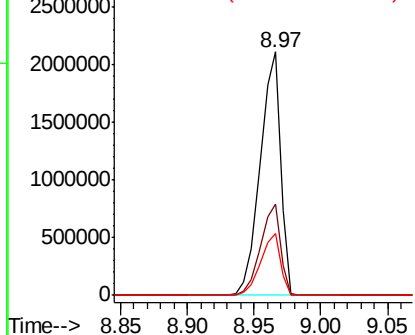
#45  
 2-Fluorobiphenyl  
 Concen: 78.084 ng  
 RT: 8.97 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:172 Resp: 2211721  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 29.8 44.8  
 170 25.6 20.2 30.4

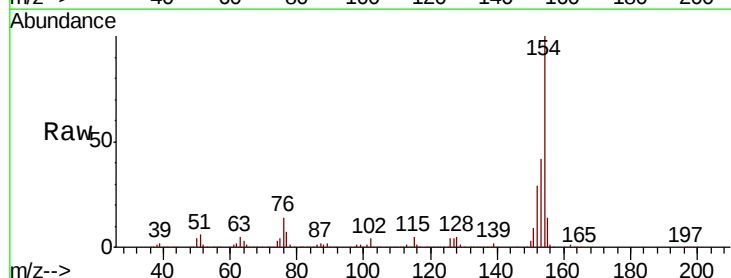


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

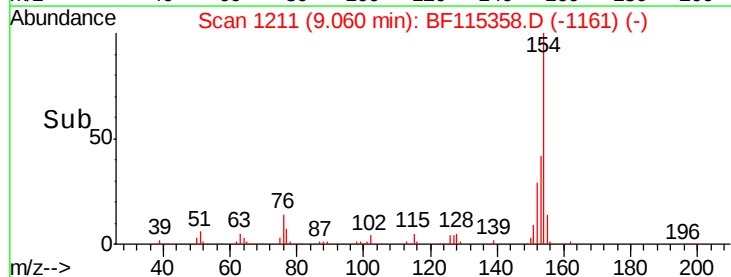
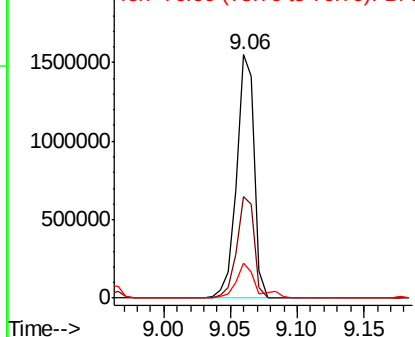


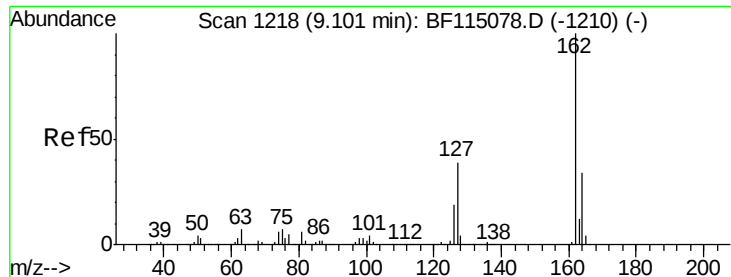
#46  
 1,1'-Biphenyl  
 Concen: 37.272 ng  
 RT: 9.06 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion:154 Resp: 1434852  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 21.3 61.3  
 76 14.3 0.0 32.1



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

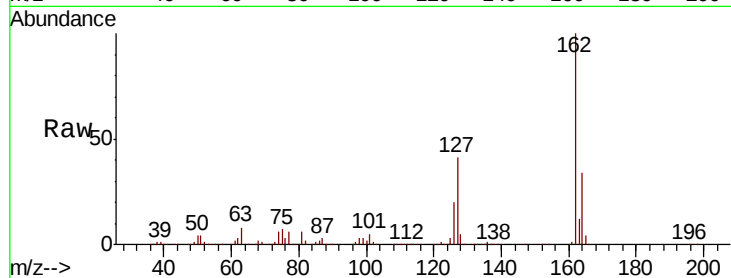




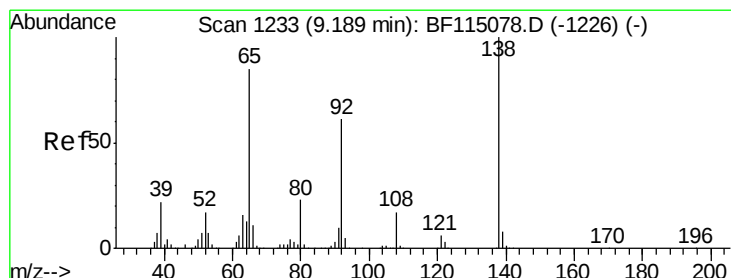
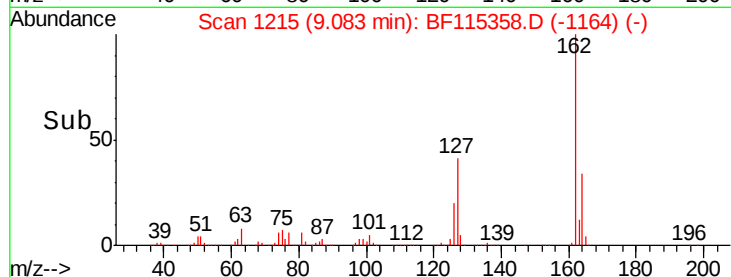
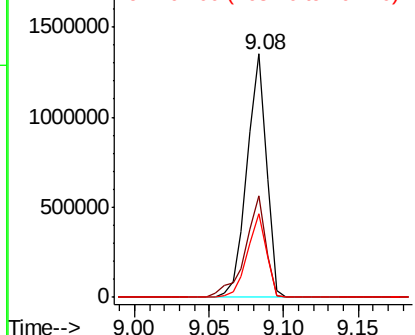
#47  
2-Chloronaphthalene  
Concen: 38.960 ng  
RT: 9.08 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:162 Resp: 1216613  
Ion Ratio Lower Upper  
162 100  
127 41.5 32.5 48.7  
164 34.1 26.7 40.1

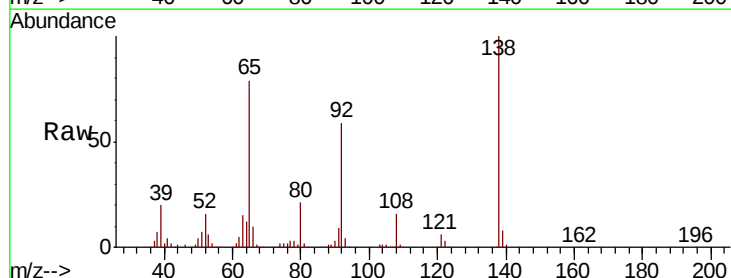


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

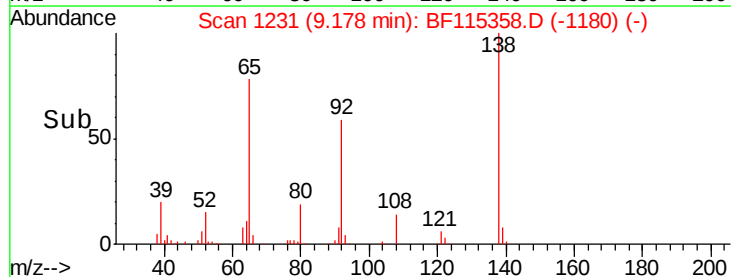
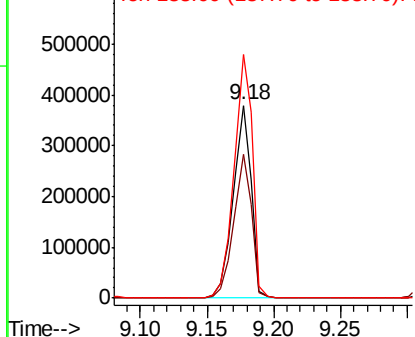


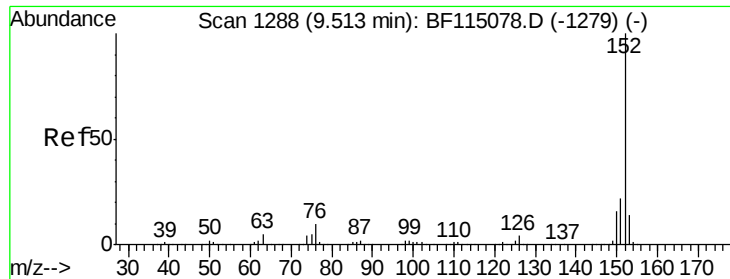
#48  
2-Nitroaniline  
Concen: 39.928 ng  
RT: 9.18 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion: 65 Resp: 363504  
Ion Ratio Lower Upper  
65 100  
92 74.5 58.7 88.1  
138 126.5 97.0 145.6



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: 38.157 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

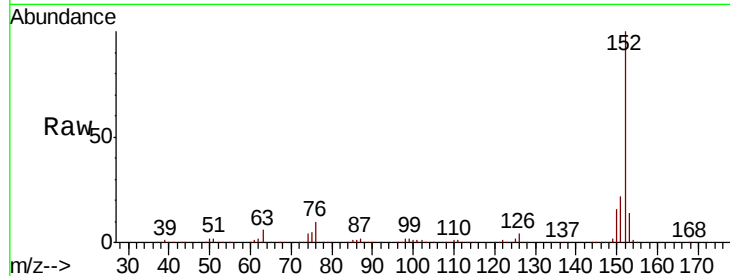
Tot Ion:152 Resp: 1856452

Ion Ratio Lower Upper

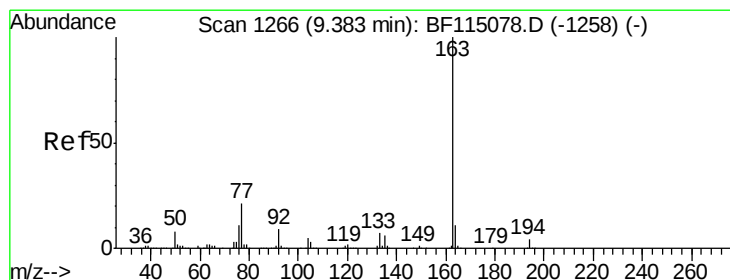
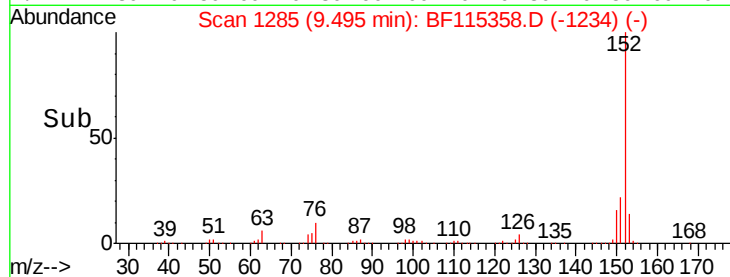
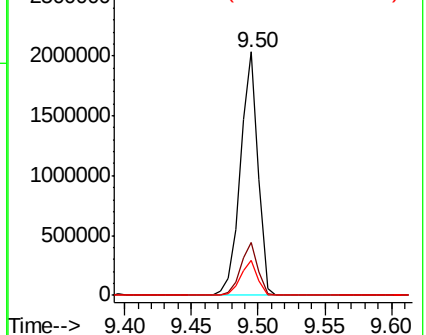
152 100

151 21.6 17.3 25.9

153 14.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.844 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

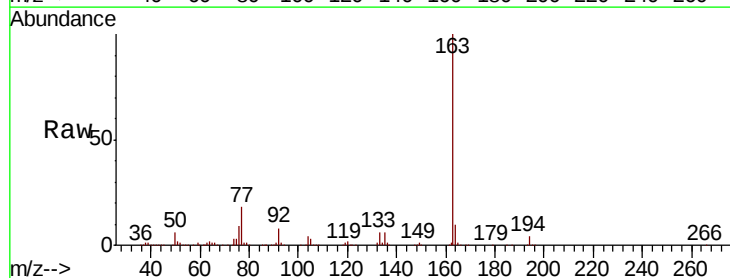
Tgt Ion:163 Resp: 1410381

Ion Ratio Lower Upper

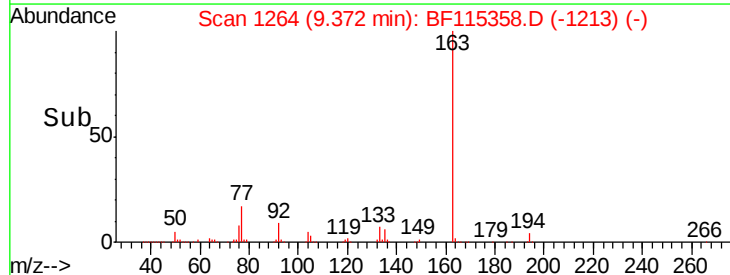
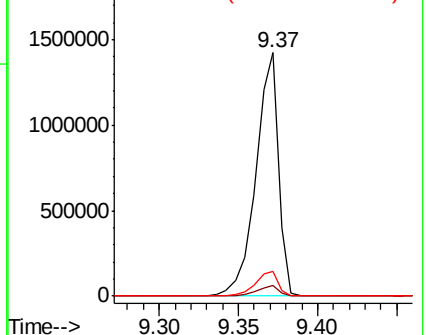
163 100

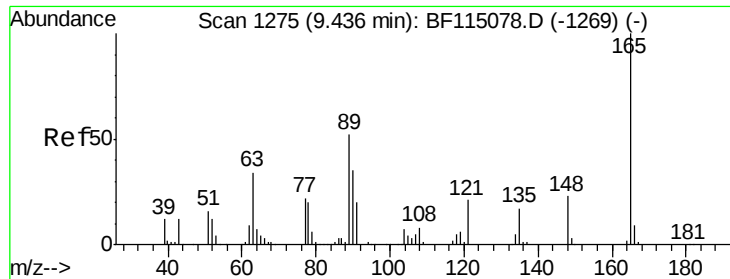
194 4.2 3.4 5.0

164 10.3 8.0 12.0



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

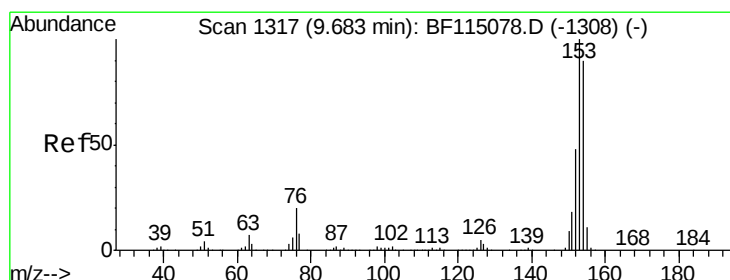
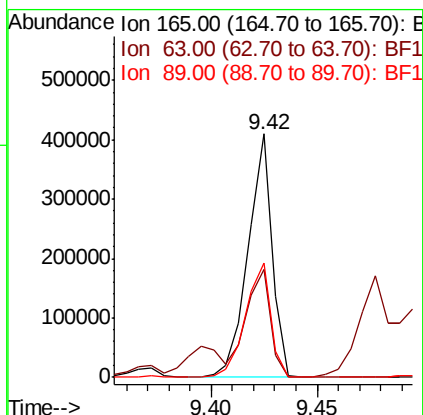
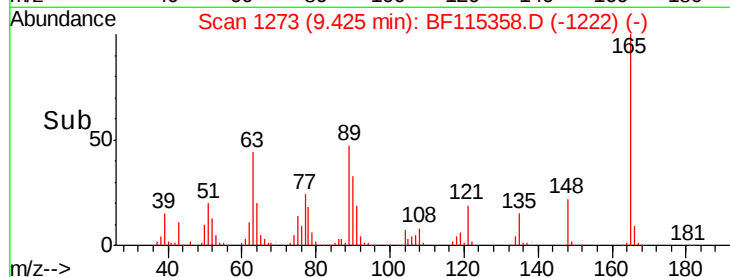
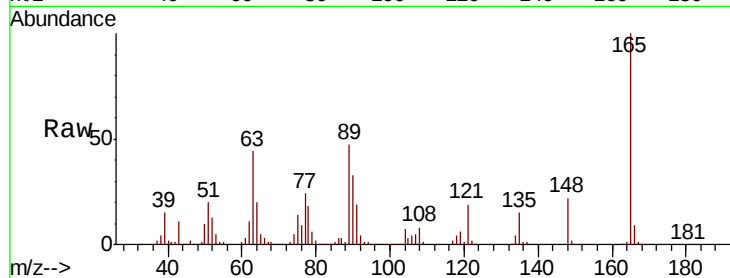




#51  
2,6-Dinitrotoluene  
Concen: 39.967 ng  
RT: 9.42 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

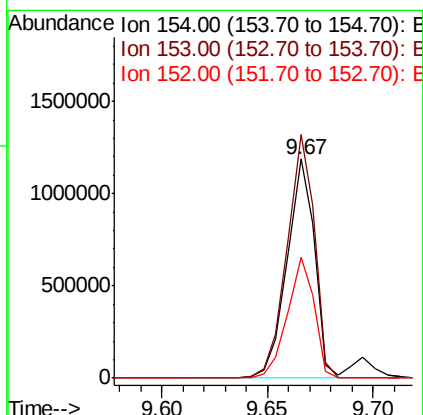
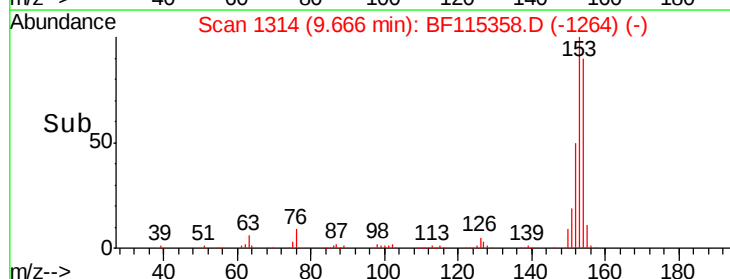
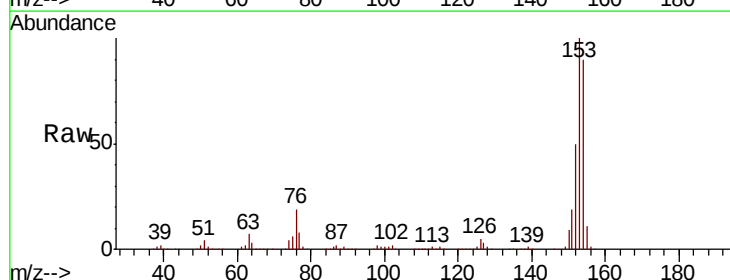
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

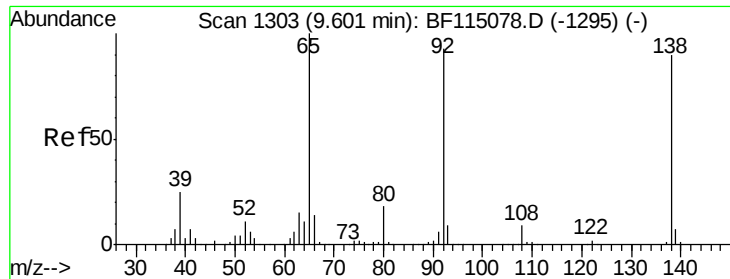
Tot Ion:165 Resp: 326623  
Ion Ratio Lower Upper  
165 100  
63 44.1 37.0 55.4  
89 47.0 40.4 60.6



#52  
Acenaphthene  
Concen: 35.517 ng  
RT: 9.67 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:154 Resp: 1081304  
Ion Ratio Lower Upper  
154 100  
153 111.1 89.0 133.6  
152 55.1 43.4 65.0

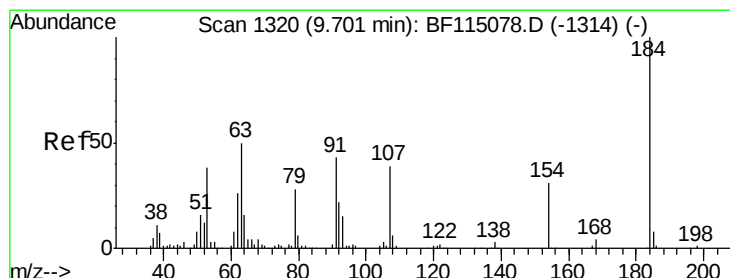
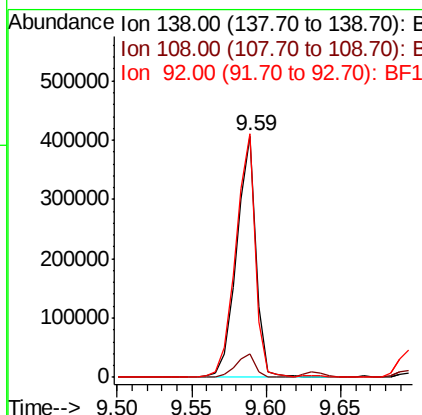
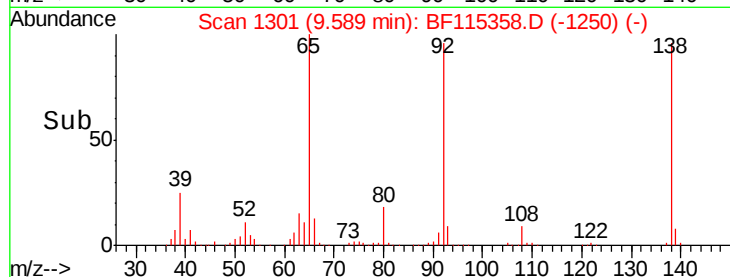
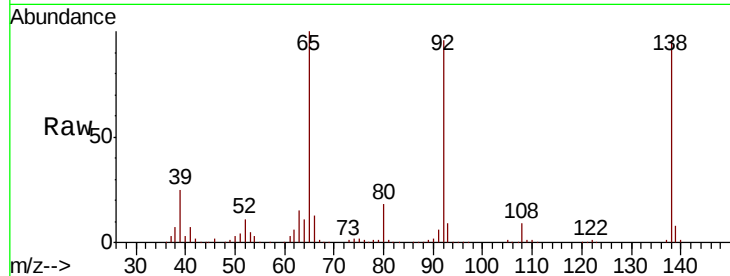




#53  
 3-Nitroaniline  
 Concen: 37.247 ng  
 RT: 9.59 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

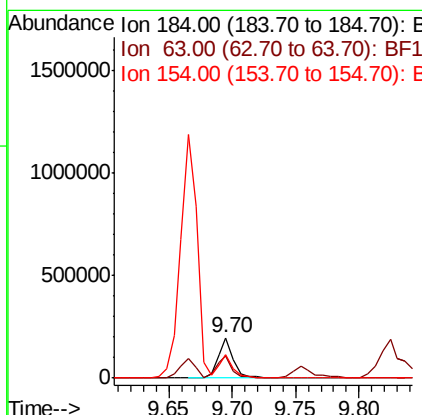
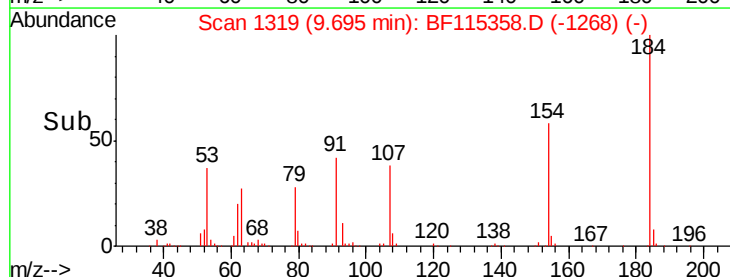
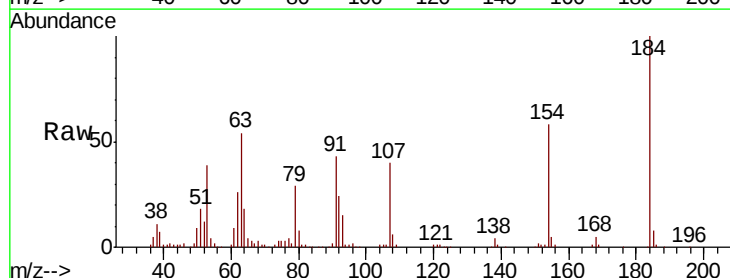
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

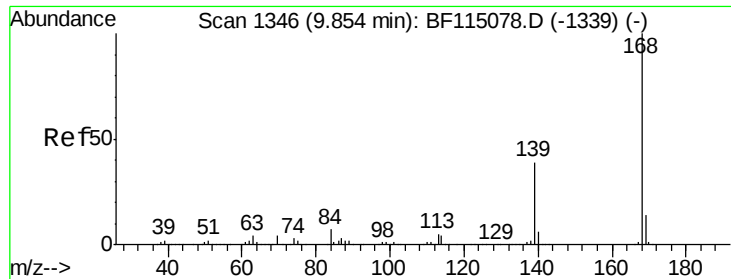
Tot Ion:138 Resp: 371460  
 Ion Ratio Lower Upper  
 138 100  
 108 9.7 7.8 11.6  
 92 100.8 82.9 124.3



#54  
 2,4-Dinitrophenol  
 Concen: 43.872 ng  
 RT: 9.70 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion:184 Resp: 169136  
 Ion Ratio Lower Upper  
 184 100  
 63 54.1 49.4 74.0  
 154 58.4 47.5 71.3

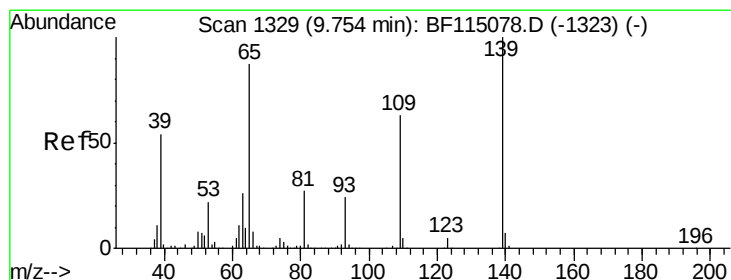
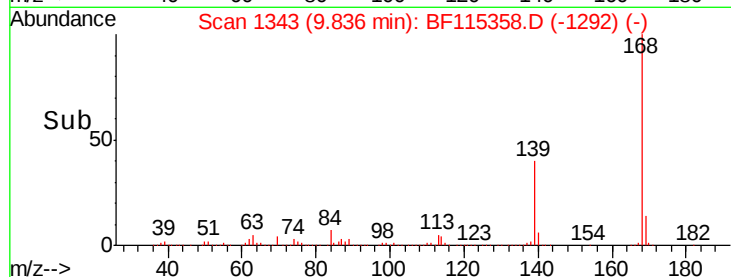
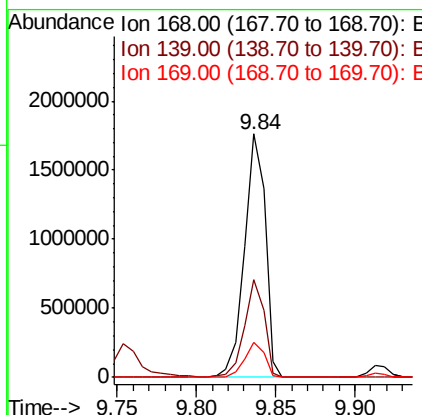
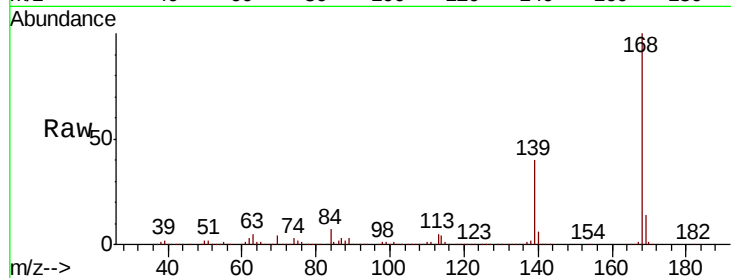




#55  
Dibenzofuran  
Concen: 36.509 ng  
RT: 9.84 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

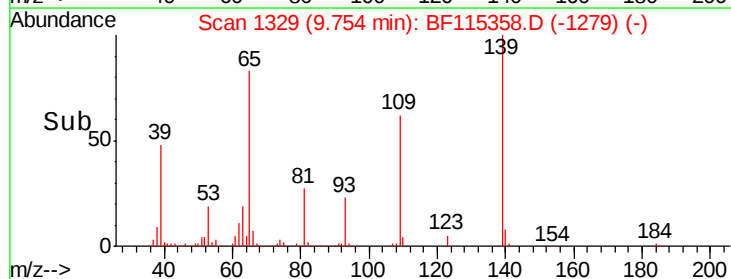
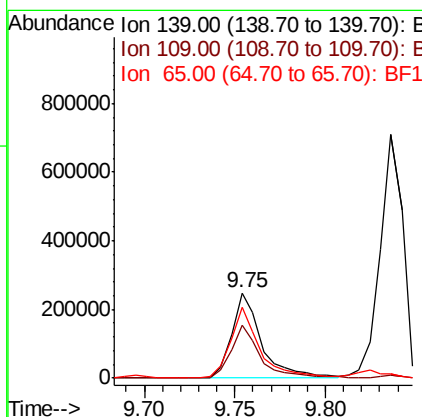
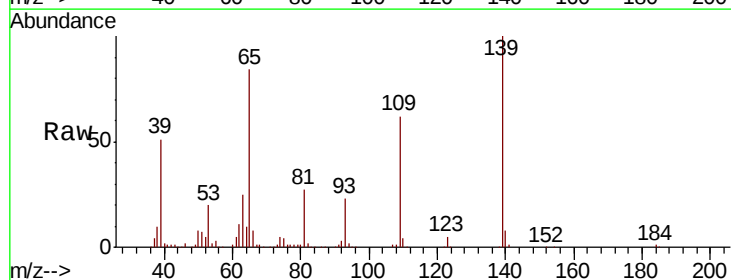
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:168 Resp: 1595317  
Ion Ratio Lower Upper  
168 100  
139 40.2 31.4 47.2  
169 14.4 11.5 17.3



#56  
4-Nitrophenol  
Concen: 35.586 ng  
RT: 9.75 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:139 Resp: 284517  
Ion Ratio Lower Upper  
139 100  
109 61.9 38.6 78.6  
65 83.5 54.7 94.7

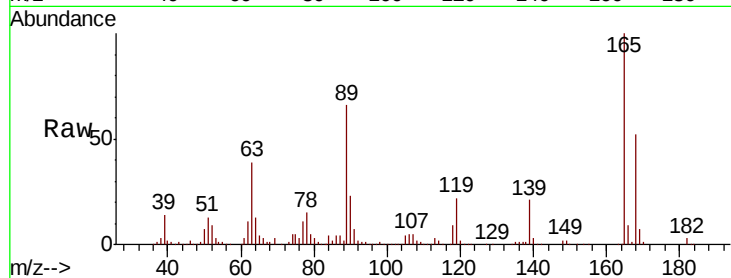




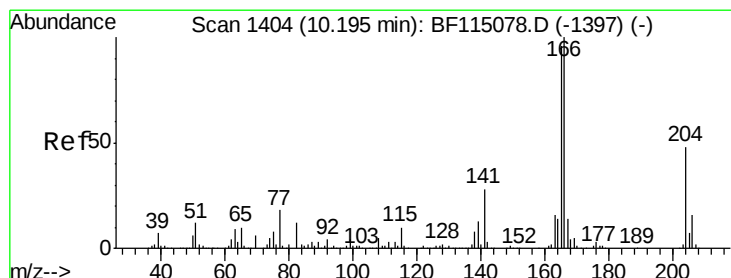
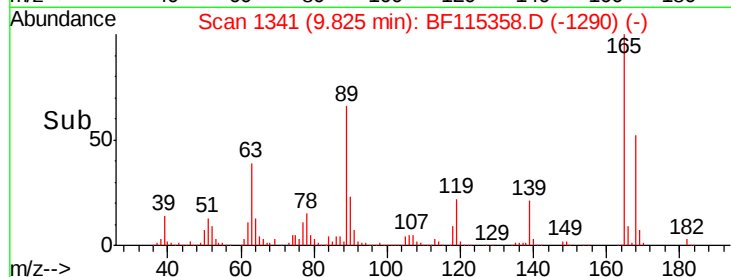
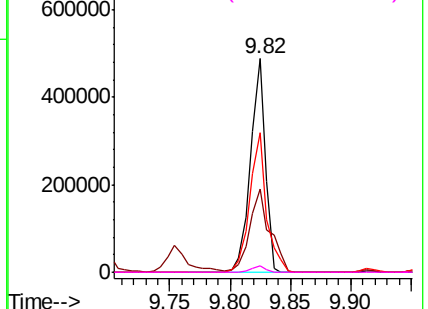
#57  
 2,4-Dinitrotoluene  
 Concen: 39.941 ng  
 RT: 9.82 min Scan# 1341  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 421460    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 38.7  | 31.2 46.8 |
| 89          | 65.5  | 52.8 79.2 |
| 182         | 2.9   | 2.2 3.2   |

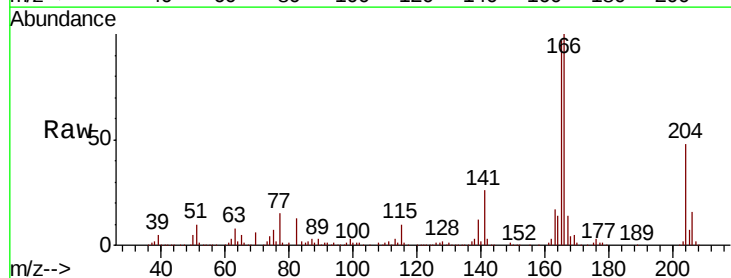


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

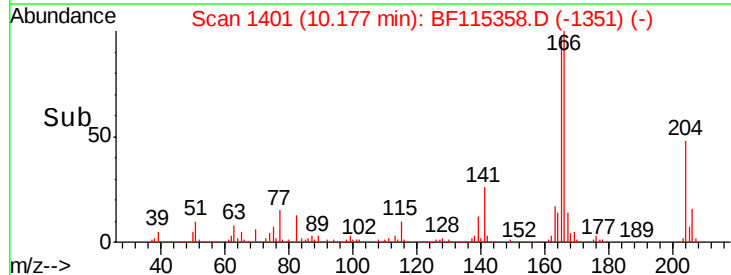
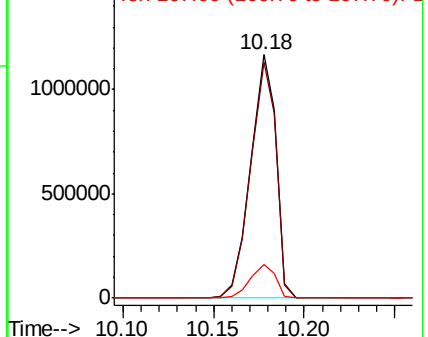


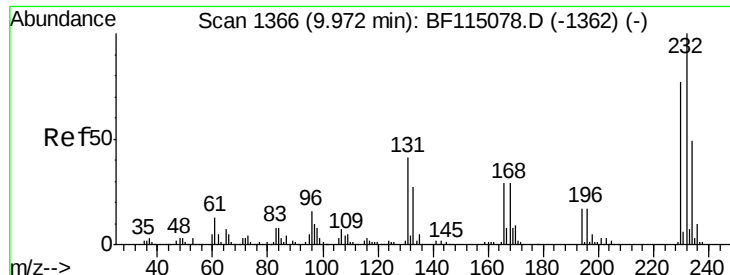
#58  
 Fluorene  
 Concen: 38.192 ng  
 RT: 10.18 min Scan# 1401  
 Delta R.T. -0.01 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 1140091    |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 96.7  | 78.5 117.7 |
| 167         | 13.6  | 10.5 15.7  |



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

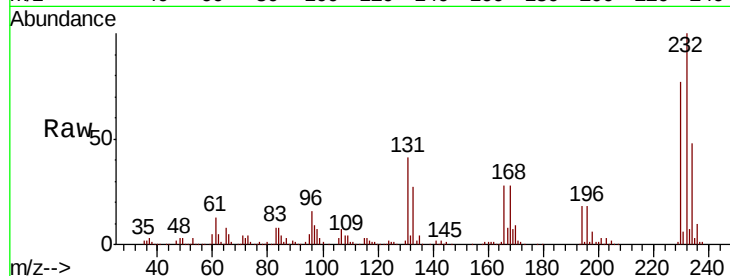




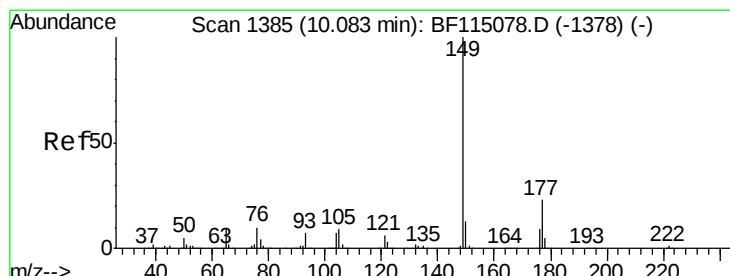
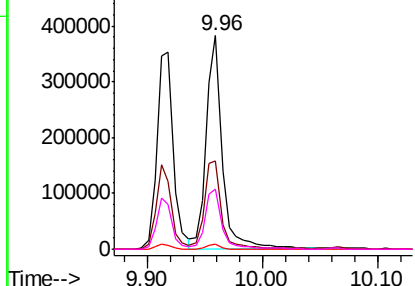
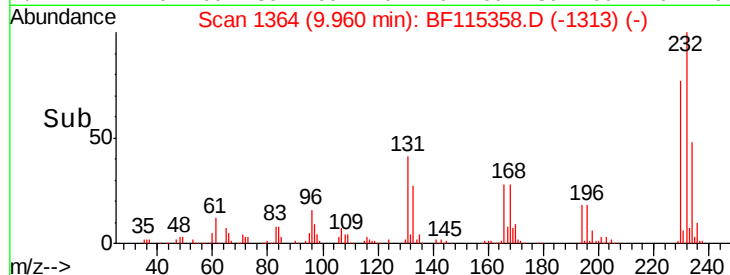
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.987 ng  
 RT: 9.96 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 371500 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 45.2  | 35.0  | 52.6   |
| 130      | 2.1   | 1.7   | 2.5    |
| 166      | 29.1  | 22.7  | 34.1   |

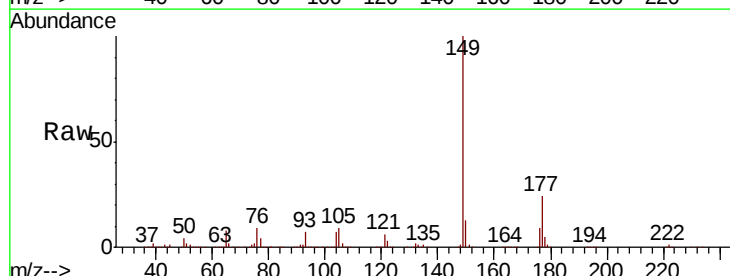


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

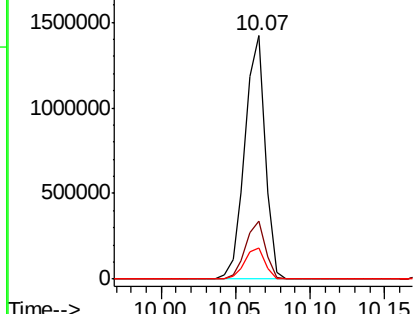
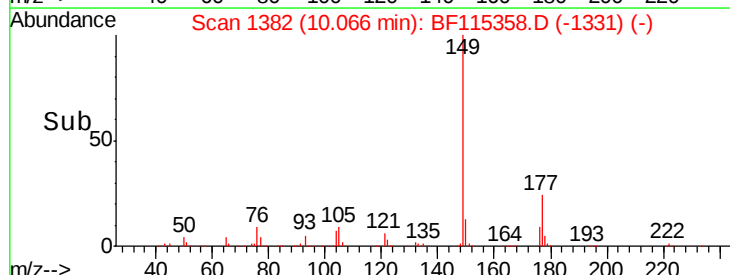


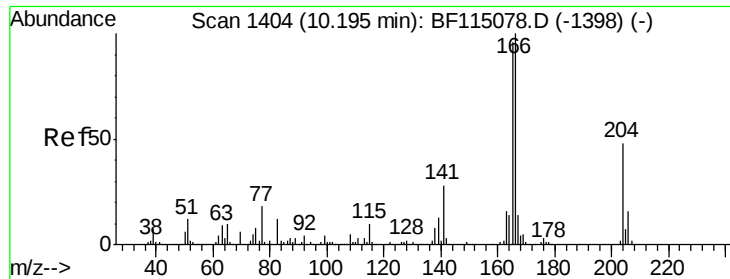
#60  
 Diethylphthalate  
 Concen: 37.734 ng  
 RT: 10.07 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1342660 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.9  | 19.1  | 28.7    |
| 150      | 13.0  | 10.2  | 15.2    |



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

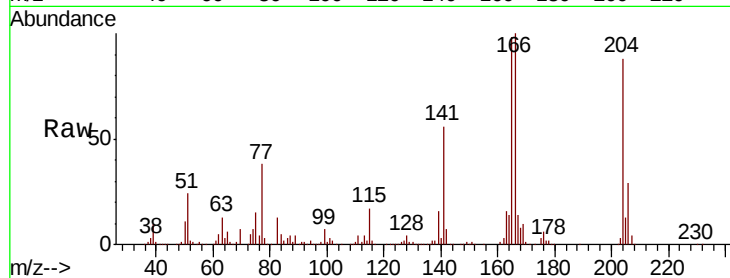




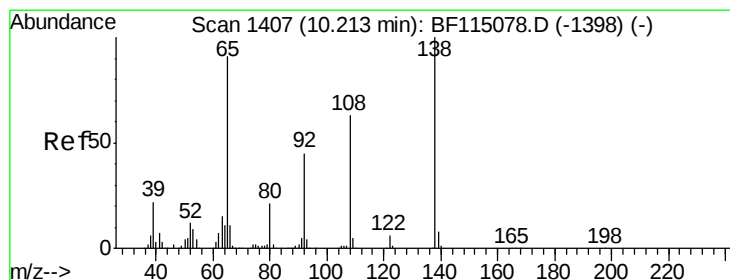
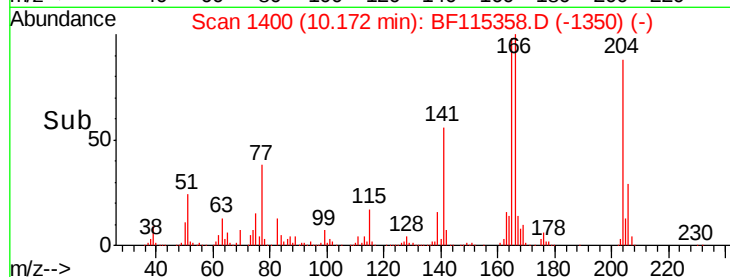
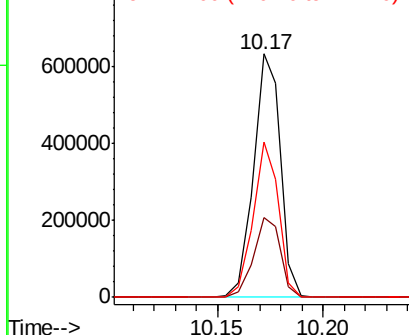
#61  
4-Chlorophenyl-phenylether  
Concen: 39.511 ng  
RT: 10.17 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:204 Resp: 557721  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.5 39.7  
141 63.6 47.0 70.4

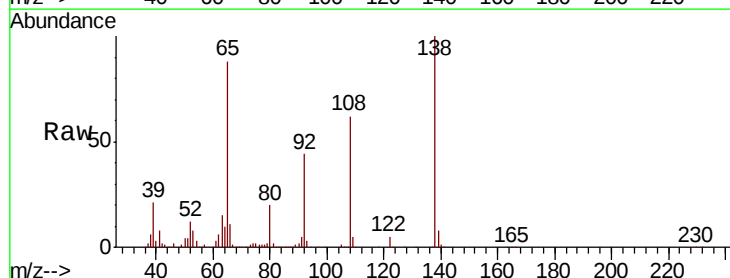


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

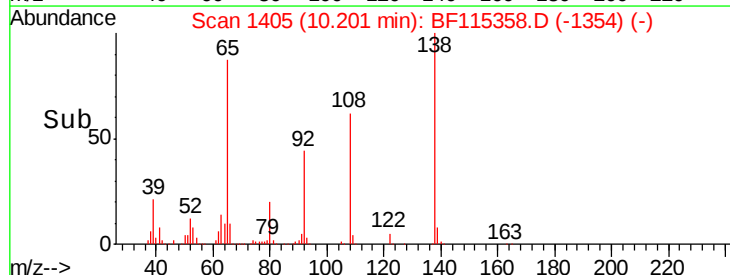
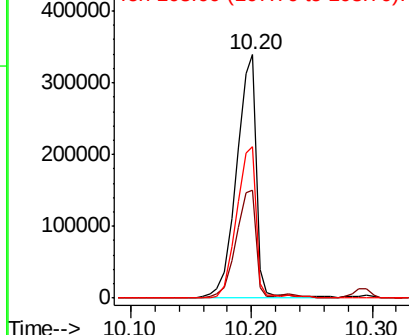


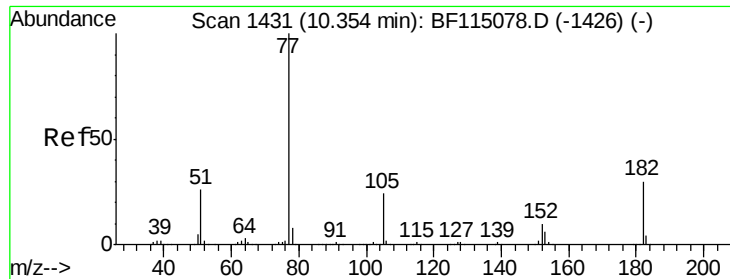
#62  
4-Nitroaniline  
Concen: 38.925 ng  
RT: 10.20 min Scan# 1405  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:138 Resp: 389436  
Ion Ratio Lower Upper  
138 100  
92 44.2 22.1 62.1  
108 62.4 41.9 81.9



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





#63

Azobenzene

Concen: 36.846 ng

RT: 10.34 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1224584

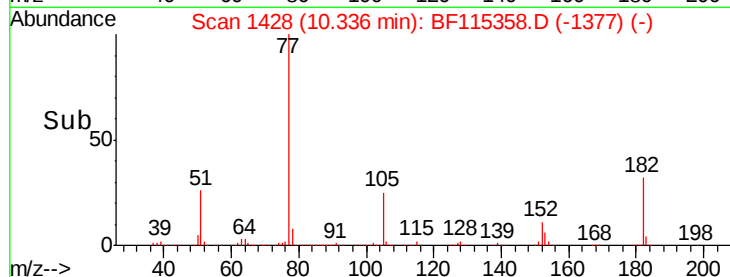
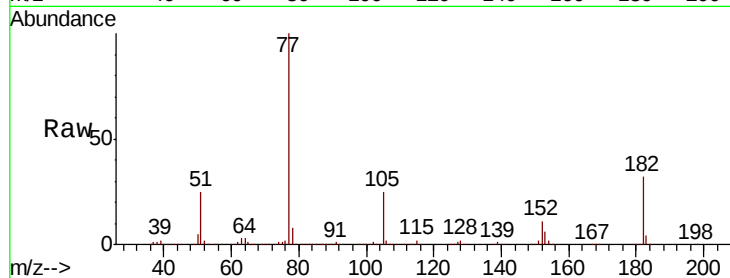
Ion Ratio Lower Upper

77 100

182 32.2 10.2 50.2

105 24.7 4.5 44.5

51 25.5 6.2 46.2

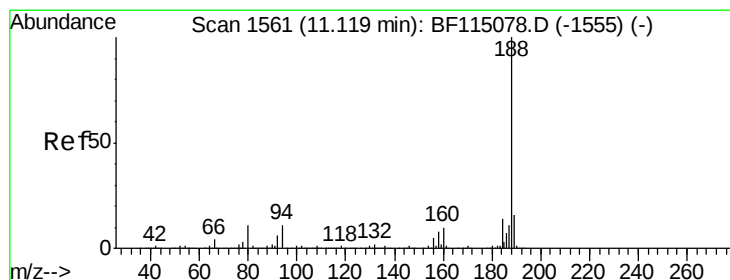
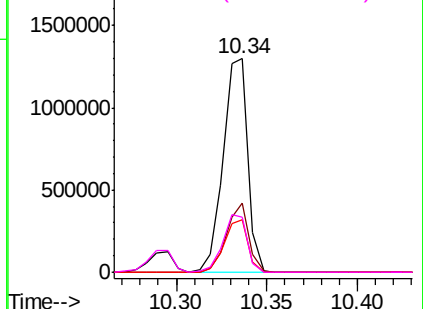


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

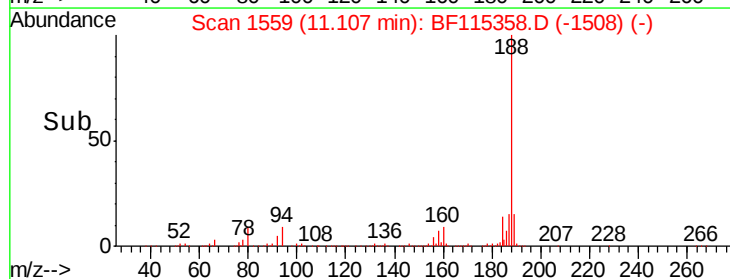
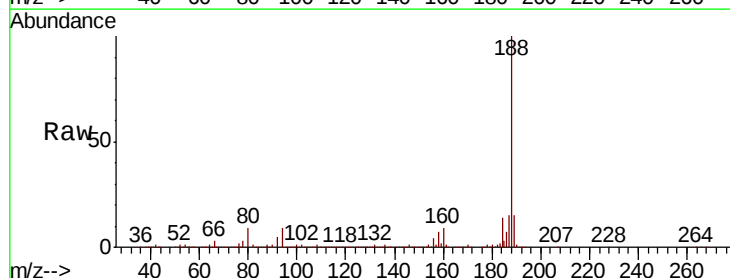
Tgt Ion: 188 Resp: 924901

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

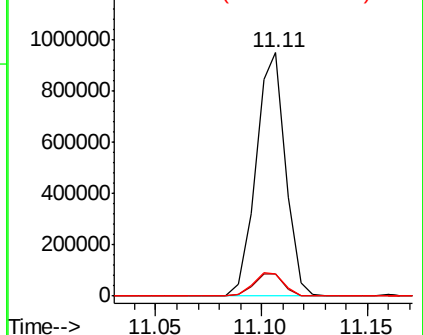
80 9.3 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

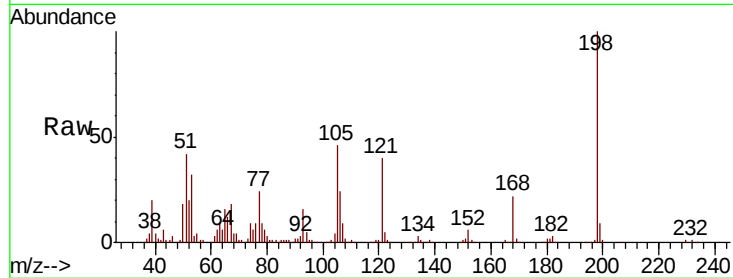




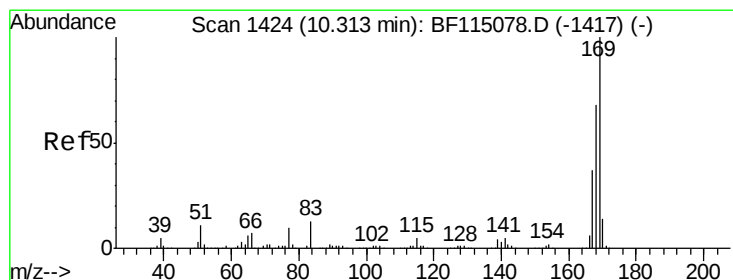
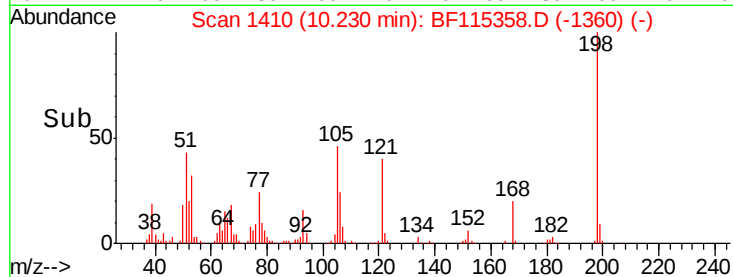
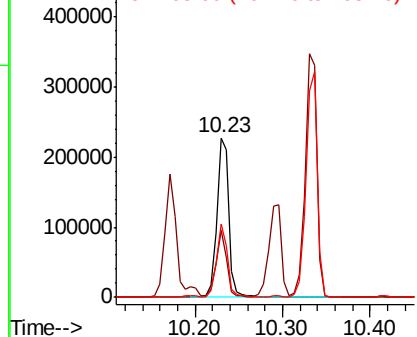
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.343 ng  
RT: 10.23 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:198 Resp: 216149  
Ion Ratio Lower Upper  
198 100  
51 42.4 13.4 53.4  
105 46.3 19.8 59.8

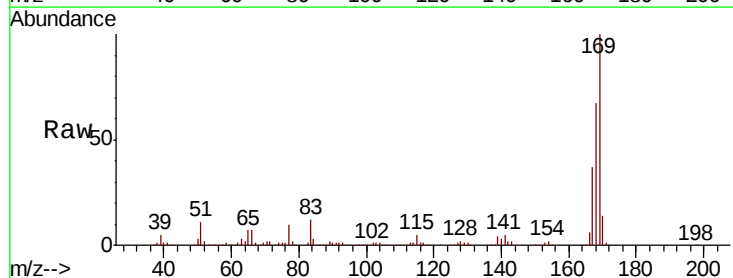


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

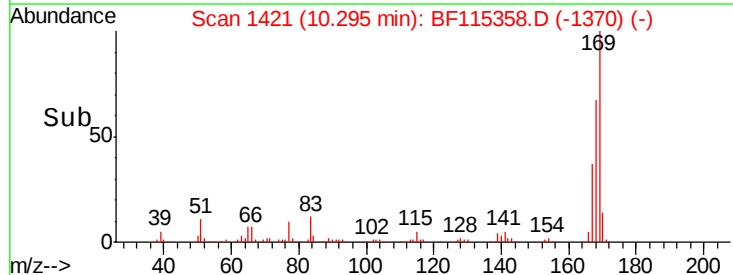
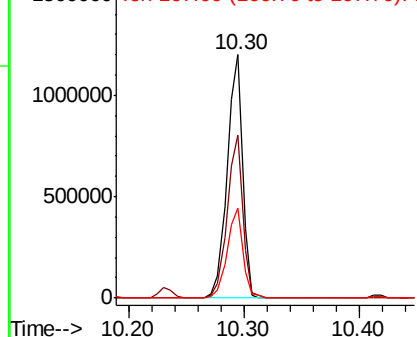


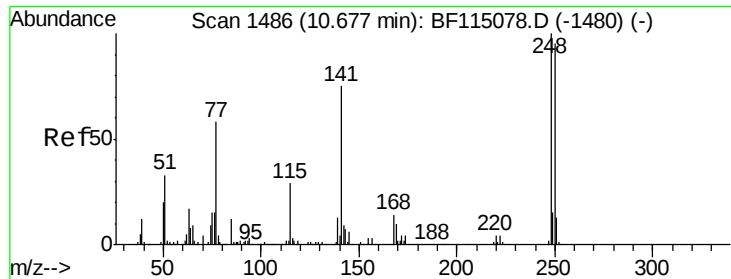
#66  
n-Nitrosodiphenylamine  
Concen: 38.323 ng  
RT: 10.30 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:169 Resp: 1104281  
Ion Ratio Lower Upper  
169 100  
168 66.8 54.2 81.4  
167 37.0 29.9 44.9



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: 39.683 ng

RT: 10.66 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

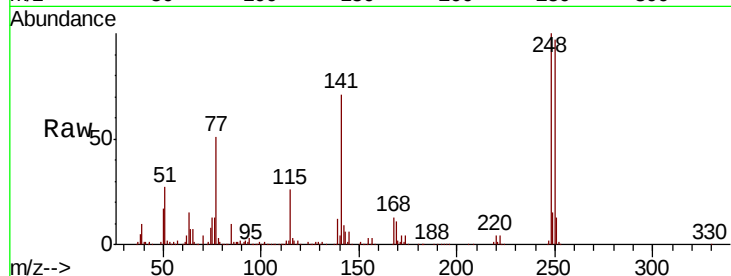
Tot Ion:248 Resp: 397933

Ion Ratio Lower Upper

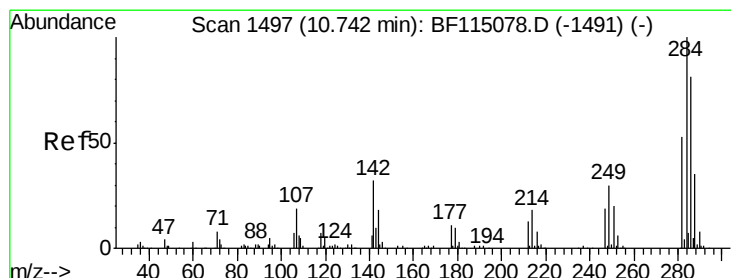
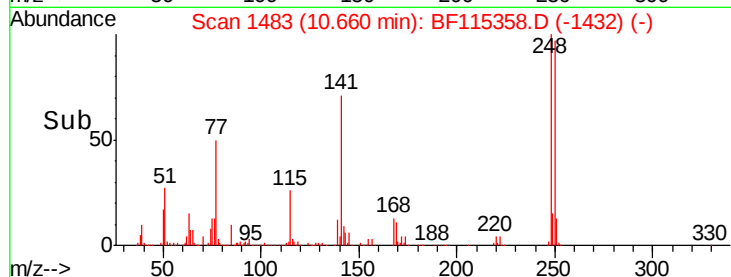
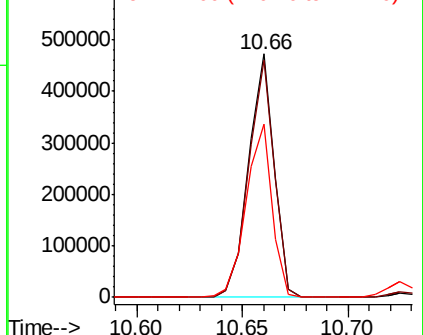
248 100

250 97.4 78.3 117.5

141 71.2 59.1 88.7



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



#68

Hexachlorobenzene

Concen: 40.120 ng

RT: 10.72 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

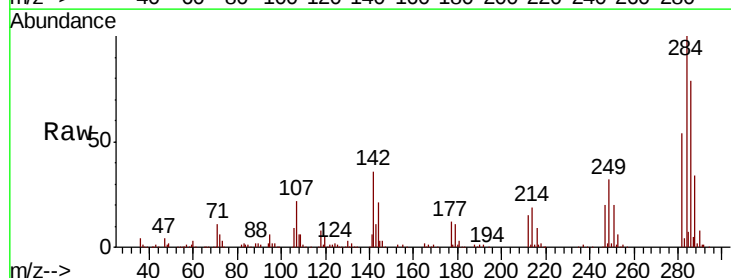
Tgt Ion:284 Resp: 436685

Ion Ratio Lower Upper

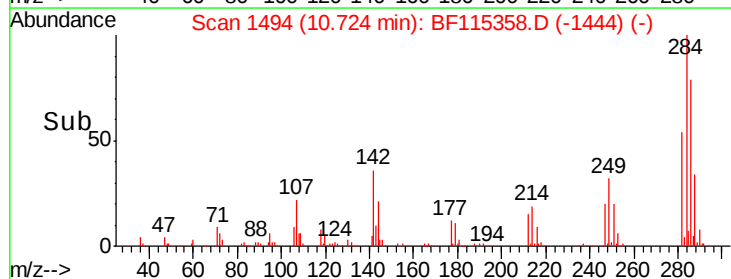
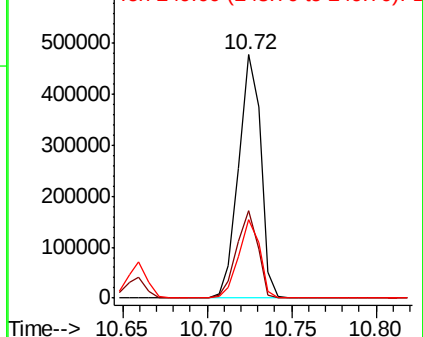
284 100

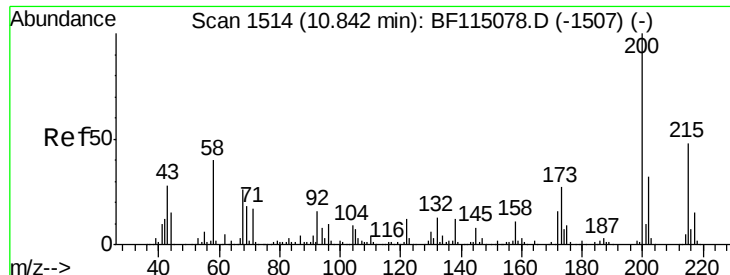
142 35.8 24.2 36.2

249 32.2 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

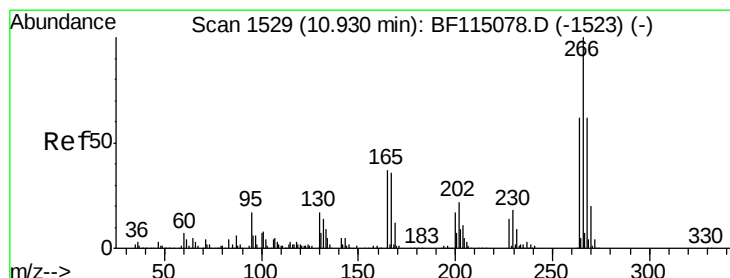
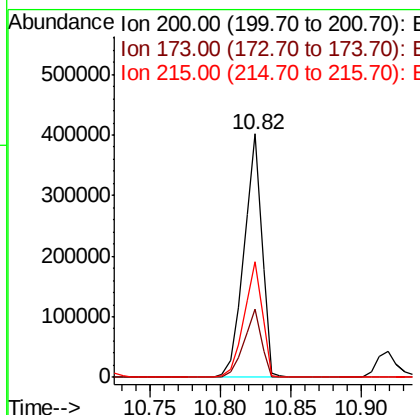
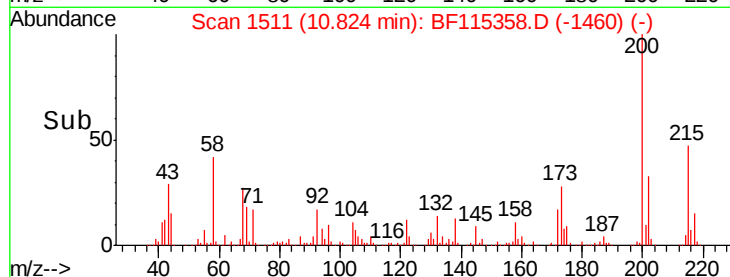
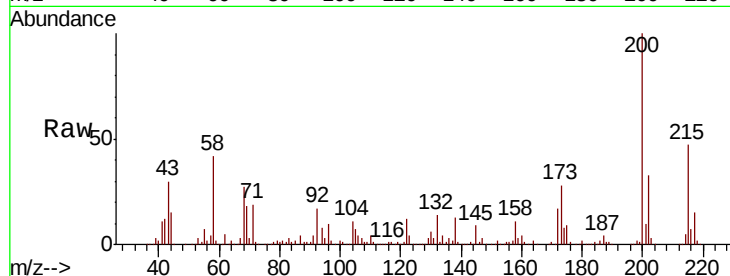




#69  
Atrazine  
Concen: 38.479 ng  
RT: 10.82 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

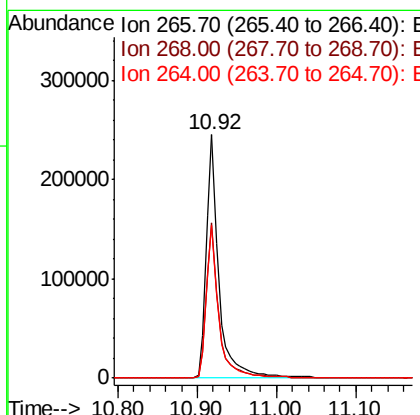
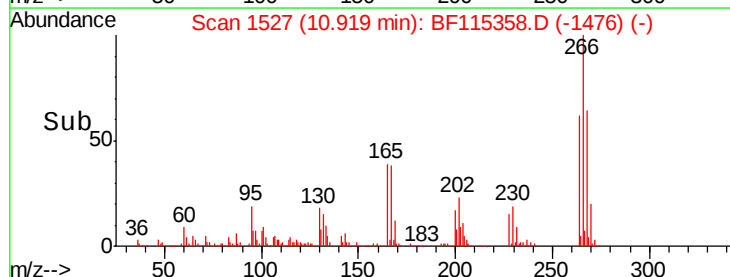
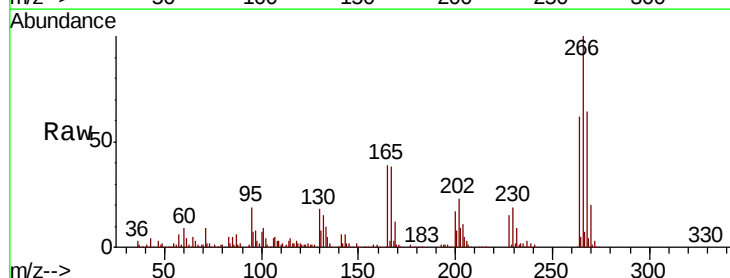
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

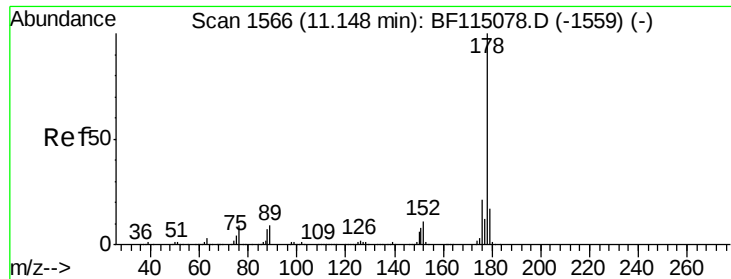
Tot Ion:200 Resp: 356671  
Ion Ratio Lower Upper  
200 100  
173 28.2 8.0 48.0  
215 47.4 28.7 68.7



#70  
Pentachlorophenol  
Concen: 39.698 ng  
RT: 10.92 min Scan# 1527  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:266 Resp: 275278  
Ion Ratio Lower Upper  
266 100  
268 63.7 53.4 80.2  
264 62.5 50.2 75.2

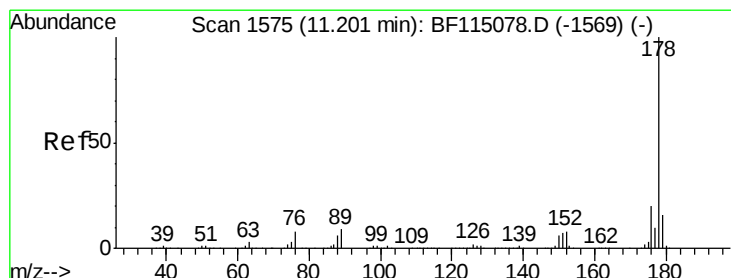
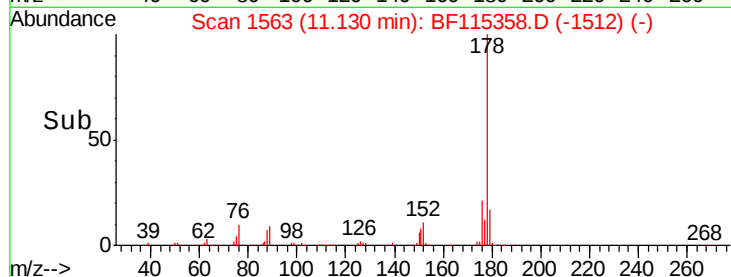
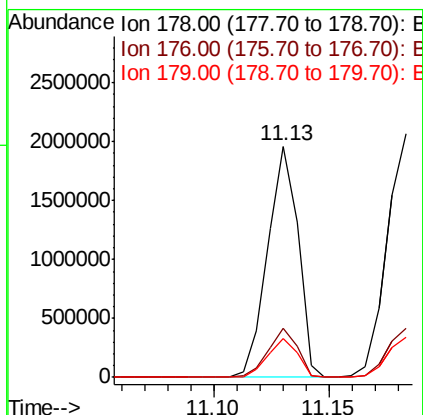
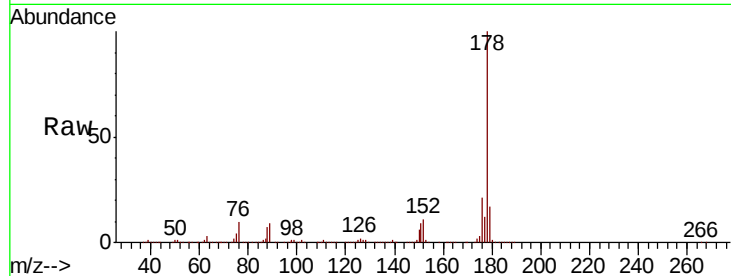




#71  
Phenanthrene  
Concen: 36.200 ng  
RT: 11.13 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

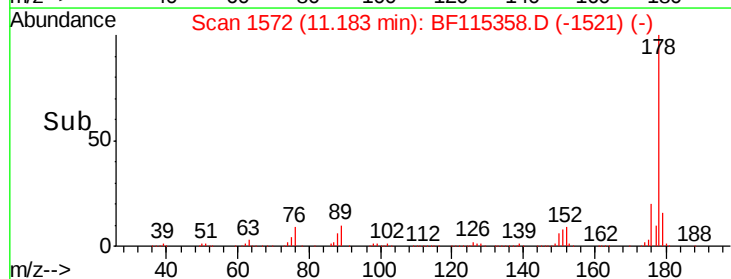
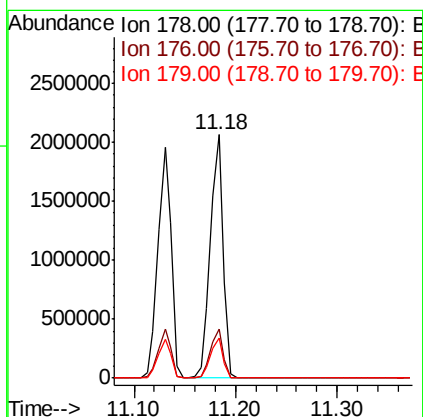
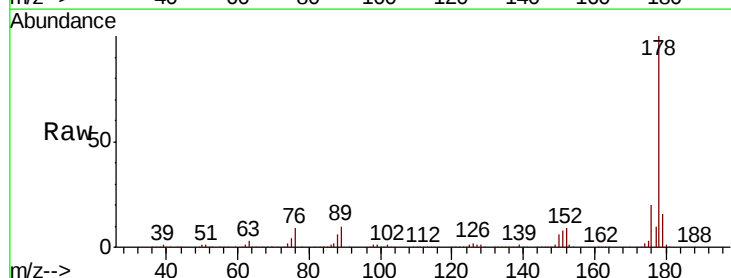
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

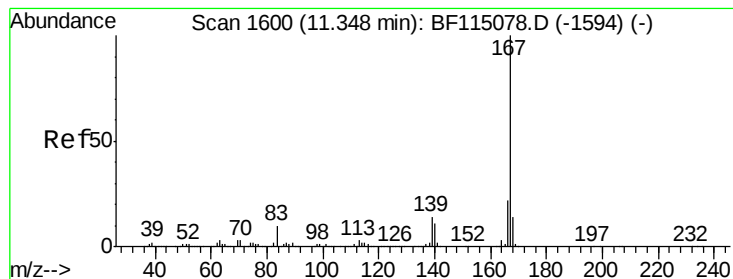
Tot Ion:178 Resp: 1802682  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.4 24.6  
179 16.6 13.1 19.7



#72  
Anthracene  
Concen: 36.317 ng  
RT: 11.18 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:178 Resp: 1825589  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.2 24.4  
179 16.4 13.2 19.8





#73

Carbazole

Concen: 37.263 ng

RT: 11.34 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

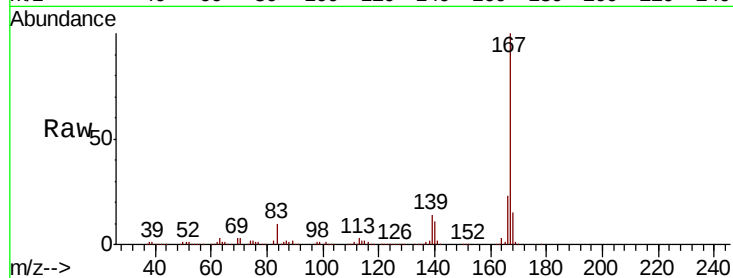
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 1672624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.7  | 18.1  | 27.1  |
| 139 | 14.3  | 11.4  | 17.0  |

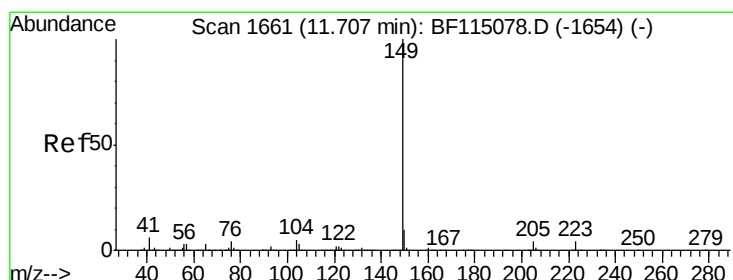
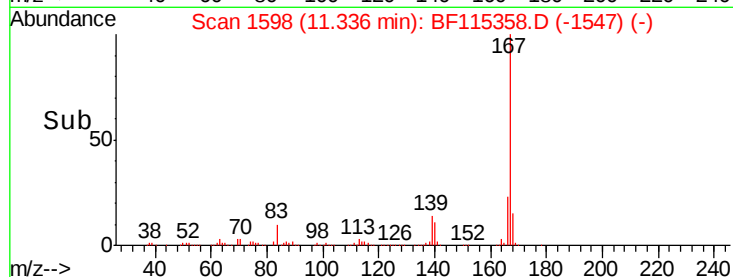
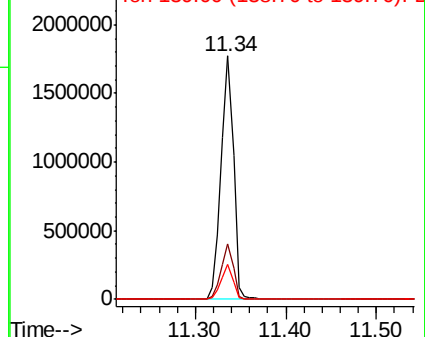


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.915 ng

RT: 11.68 min Scan# 1657

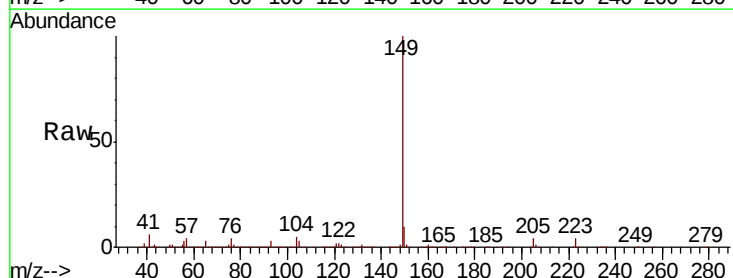
Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Tgt Ion:149 Resp: 2018530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 8.1   | 12.1  |
| 104 | 4.8   | 3.9   | 5.9   |

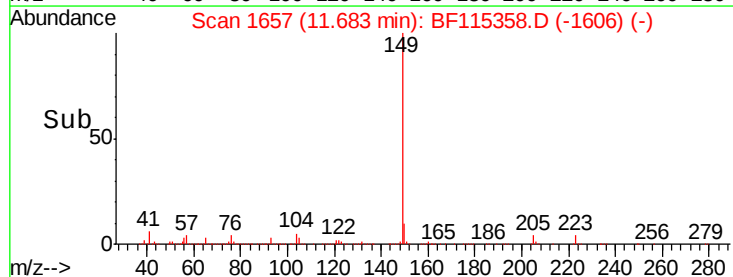
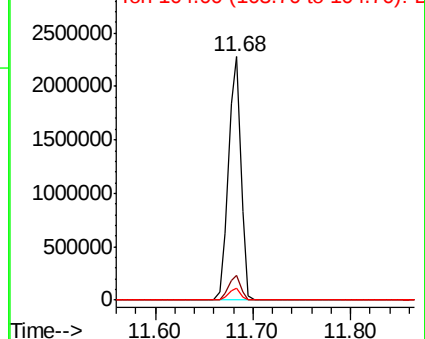


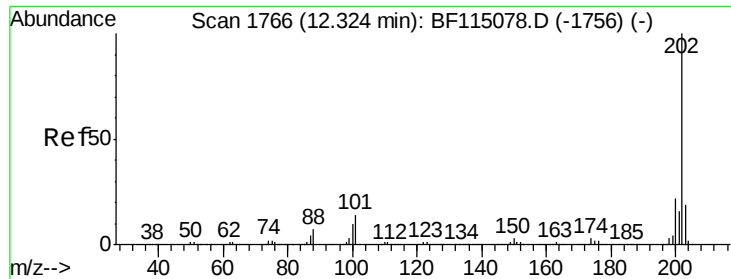
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

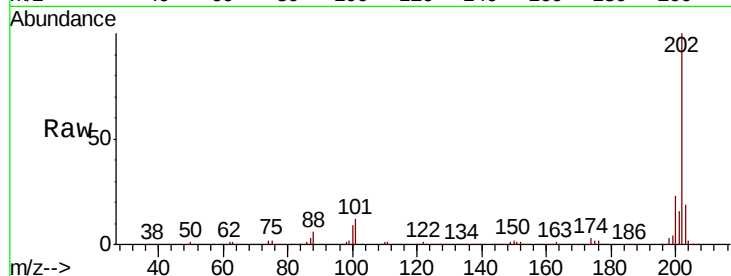




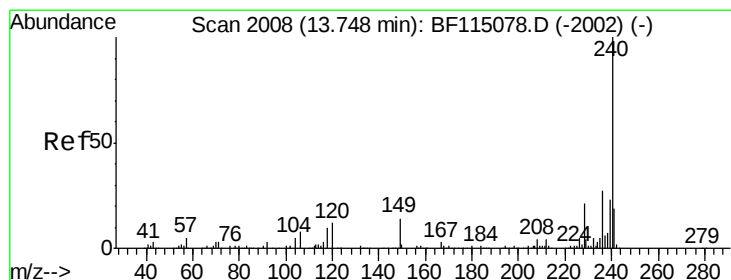
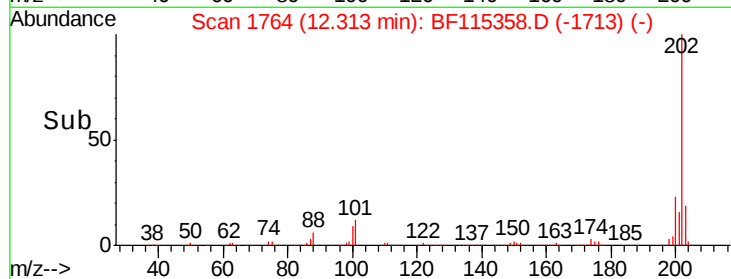
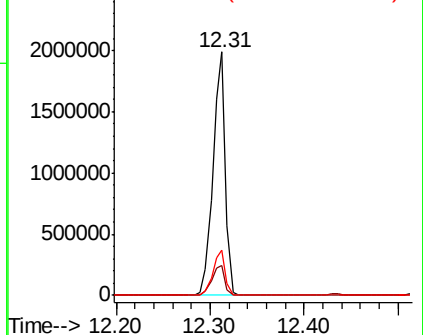
#75  
 Fluoranthene  
 Concen: 36.959 ng  
 RT: 12.31 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Tot Ion:202 Resp: 1836318  
 Ion Ratio Lower Upper  
 202 100  
 101 12.1 0.0 32.6  
 203 18.7 0.0 38.2

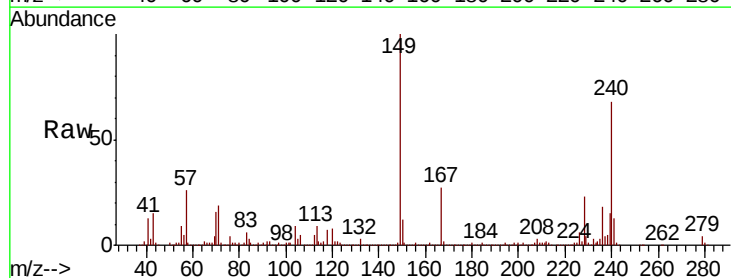


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

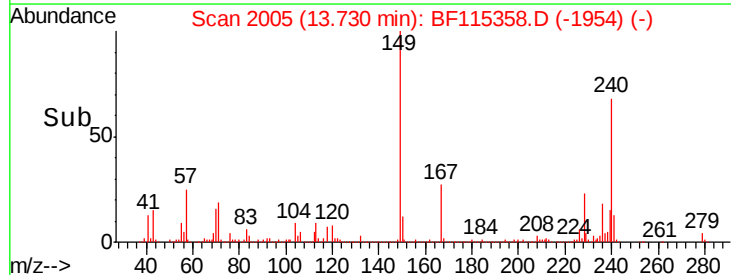
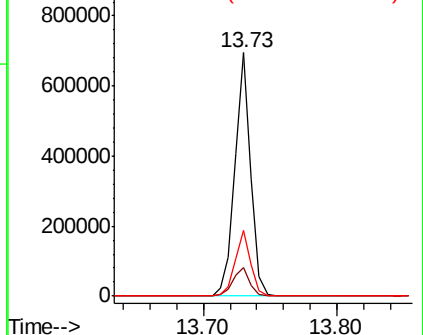


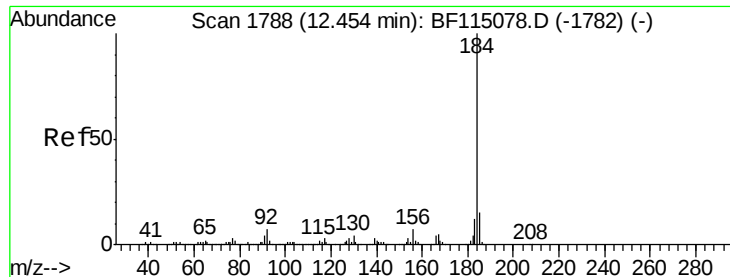
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.73 min Scan# 2005  
 Delta R.T. 0.00 min  
 Lab File: BF115358.D  
 Acq: 2 Jul 2019 13:35

Tgt Ion:240 Resp: 579445  
 Ion Ratio Lower Upper  
 240 100  
 120 11.5 10.8 16.2  
 236 26.8 21.8 32.8



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: 31.196 ng

RT: 12.43 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

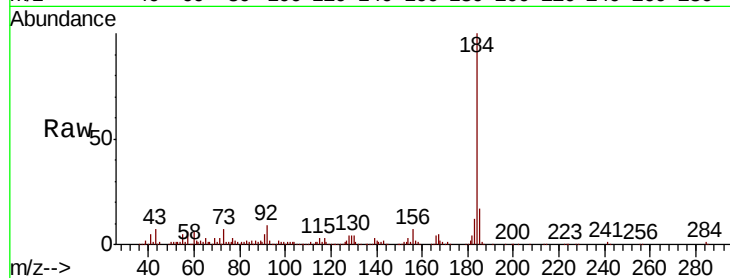
Tot Ion:184 Resp: 802665

Ion Ratio Lower Upper

184 100

185 17.4 12.5 18.7

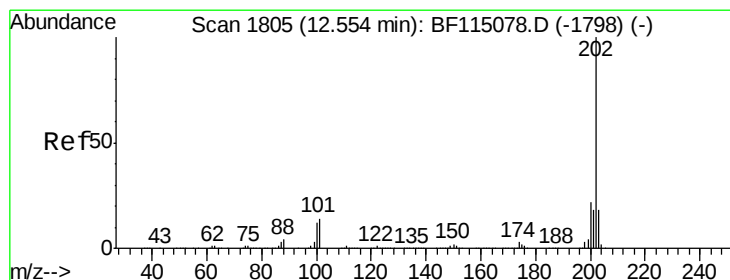
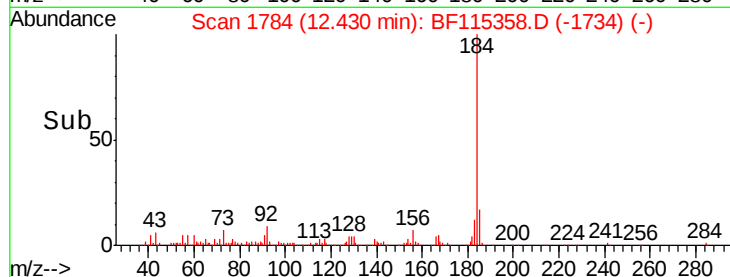
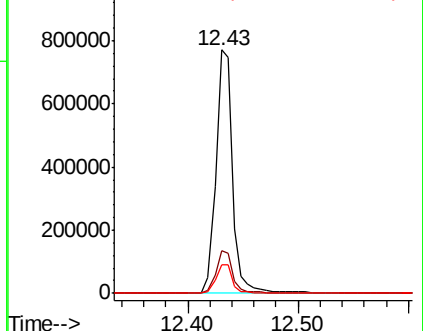
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.171 ng

RT: 12.54 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

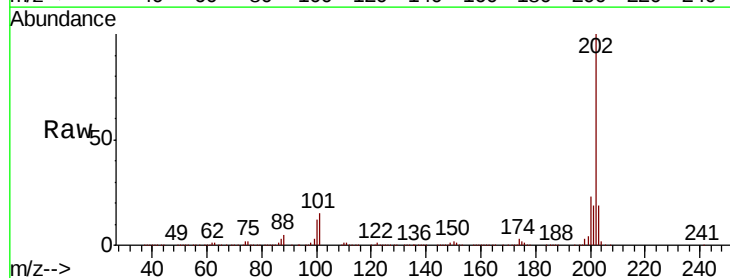
Tgt Ion:202 Resp: 1877911

Ion Ratio Lower Upper

202 100

200 23.0 18.3 27.5

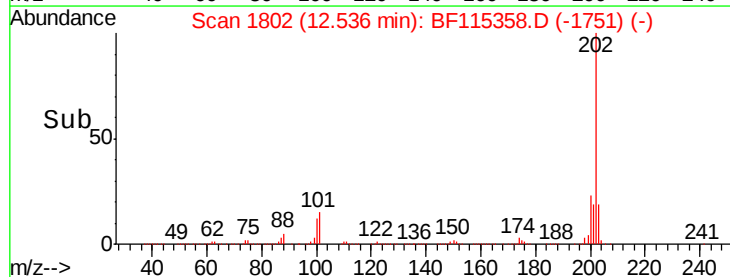
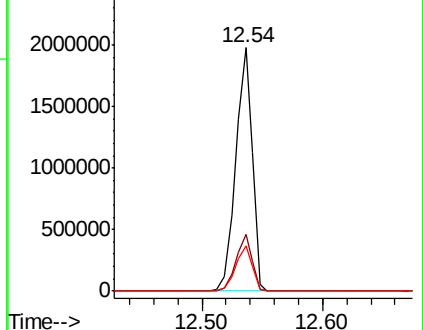
203 18.8 15.0 22.4



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: 87.146 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

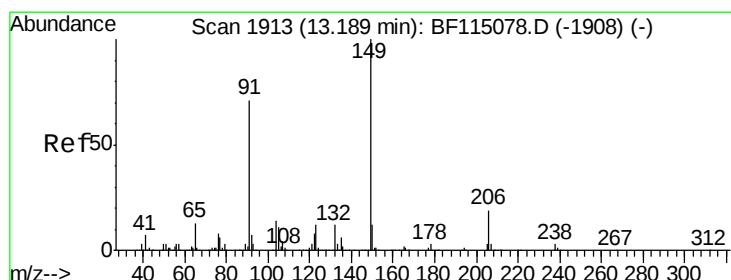
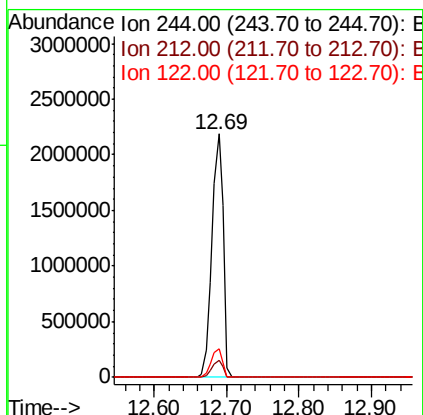
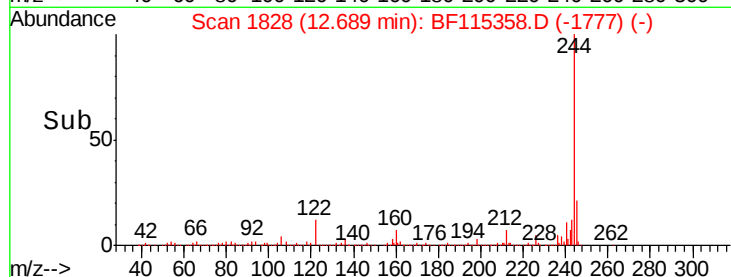
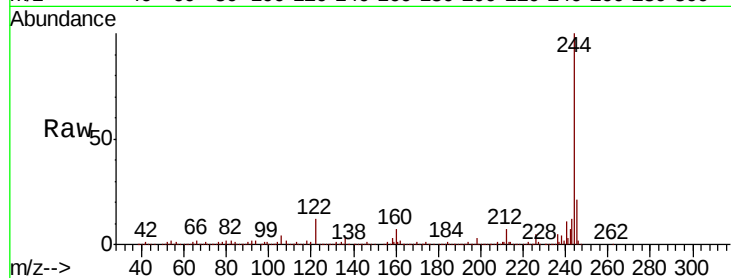
Tot Ion:244 Resp: 2375002

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.9 9.9 14.9



#80

Butylbenzylphthalate

Concen: 44.262 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

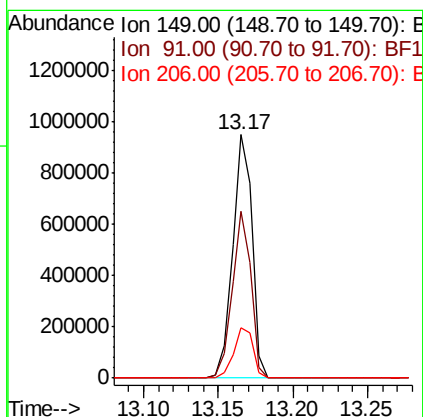
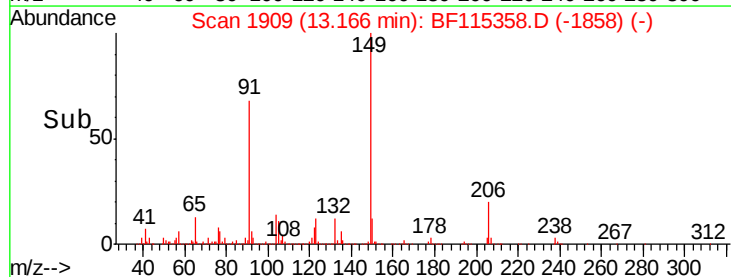
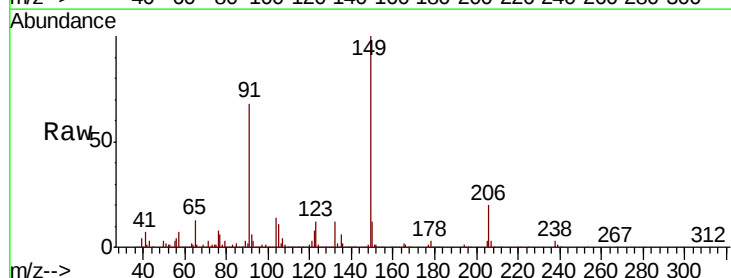
Tgt Ion:149 Resp: 869835

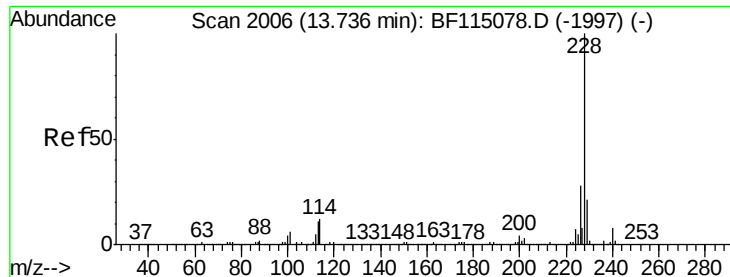
Ion Ratio Lower Upper

149 100

91 68.4 54.6 81.8

206 20.4 16.1 24.1

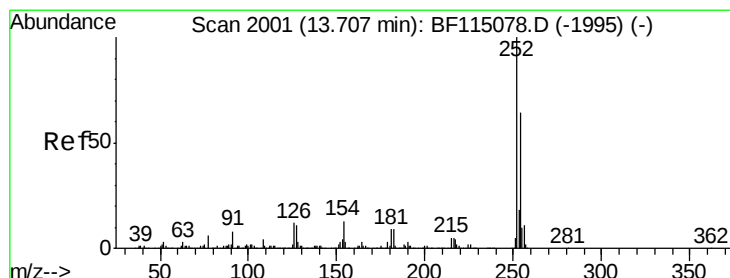
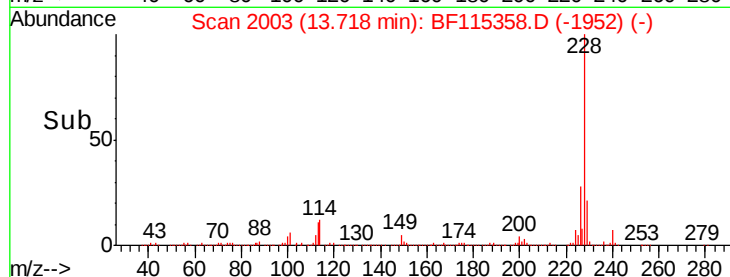
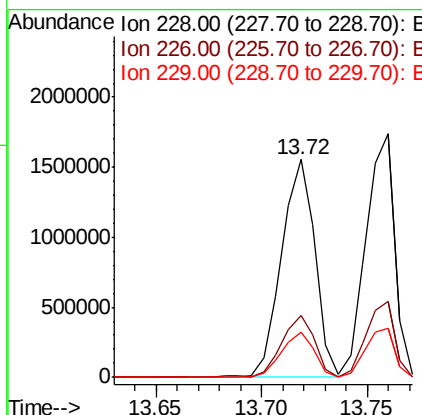
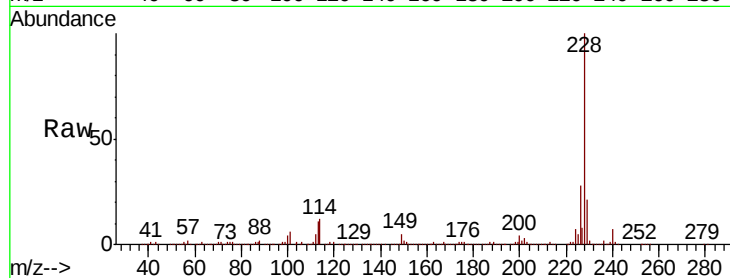




#81  
Benzo(a)anthracene  
Concen: 41.385 ng  
RT: 13.72 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

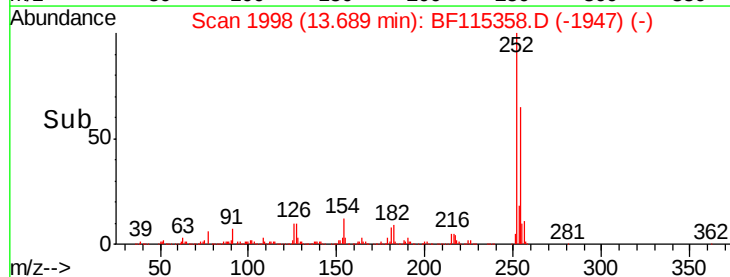
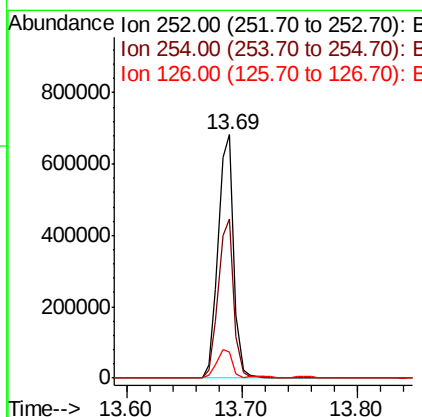
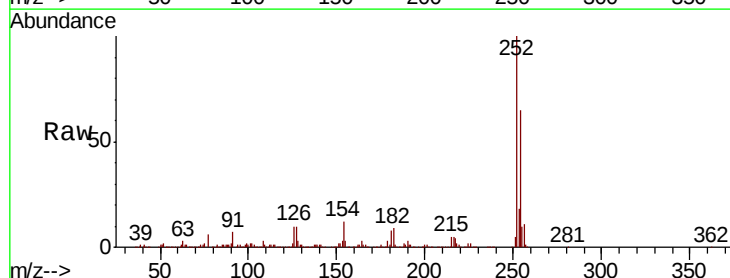
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

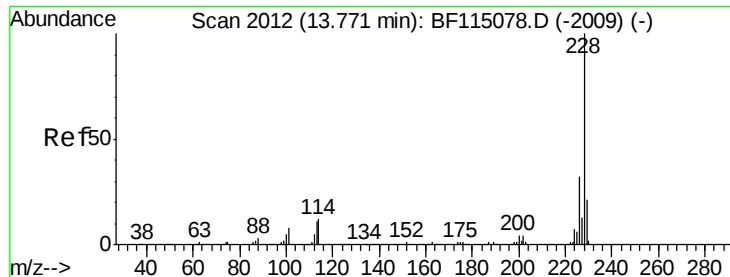
Tot Ion:228 Resp: 1720669  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.5 33.7  
229 20.6 16.6 25.0



#82  
3,3'-Dichlorobenzidine  
Concen: 42.761 ng  
RT: 13.69 min Scan# 1998  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 642018  
Ion Ratio Lower Upper  
252 100  
254 65.2 52.6 78.8  
126 10.5 9.8 14.6





#83

Chrysene

Concen: 43.344 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

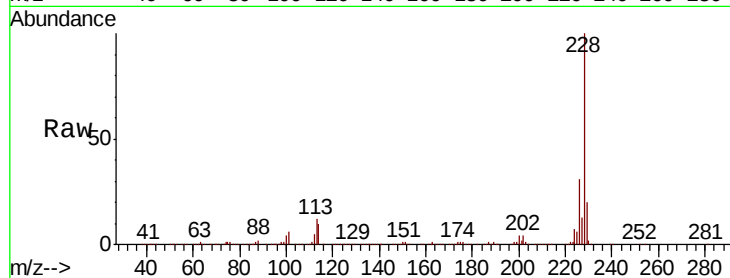
Tot Ion:228 Resp: 1650762

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

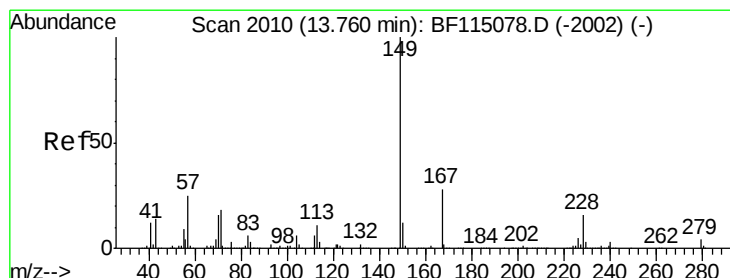
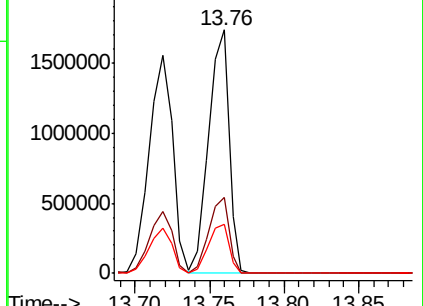
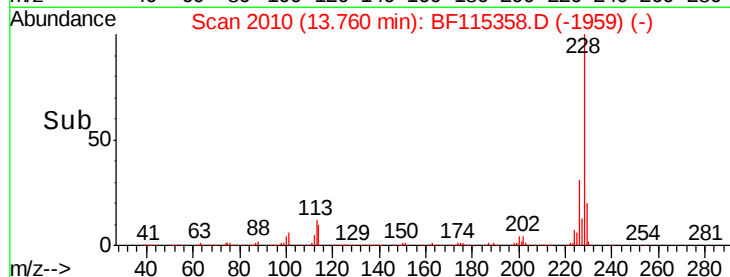
229 20.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.727 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

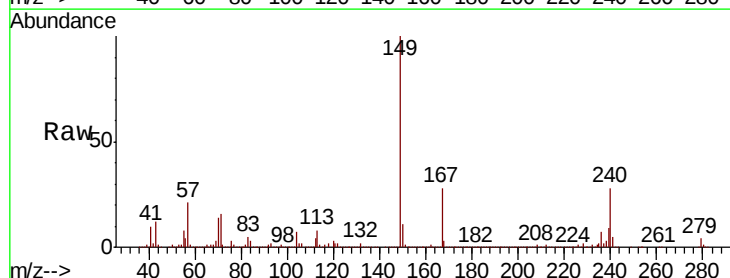
Tgt Ion:149 Resp: 1100220

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

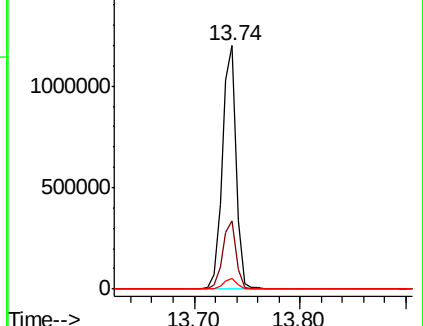
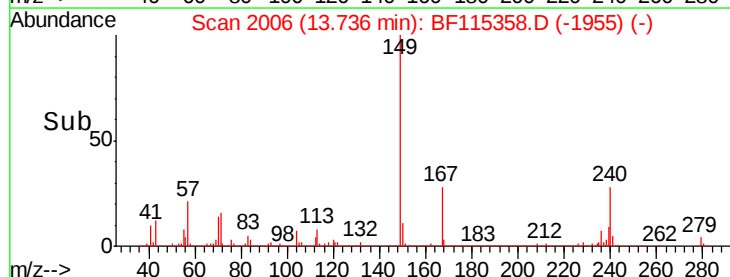
279 4.4 3.4 5.2

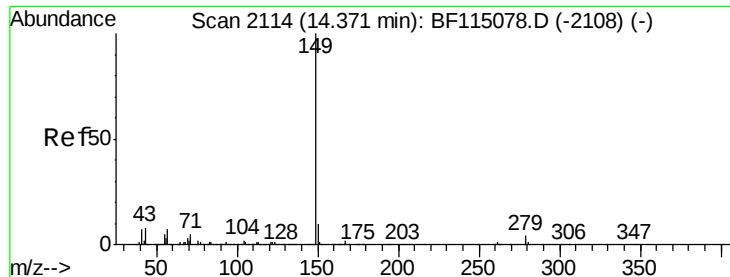


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.132 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

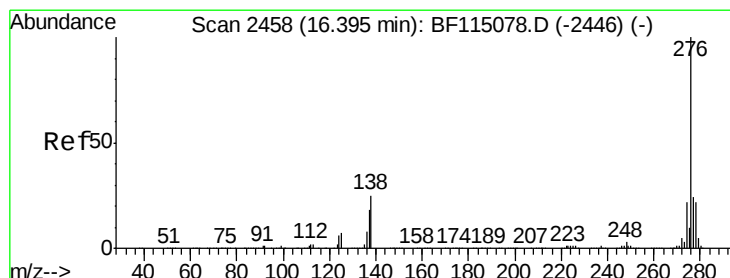
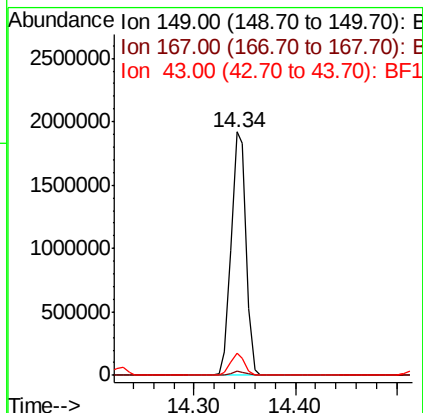
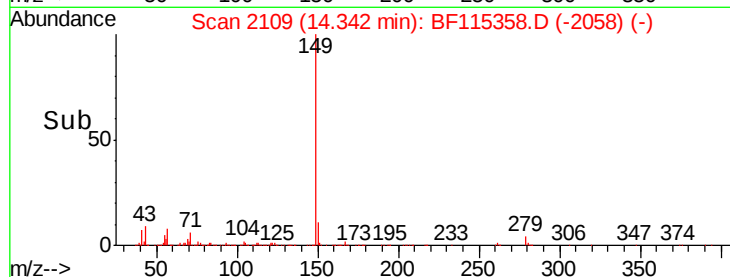
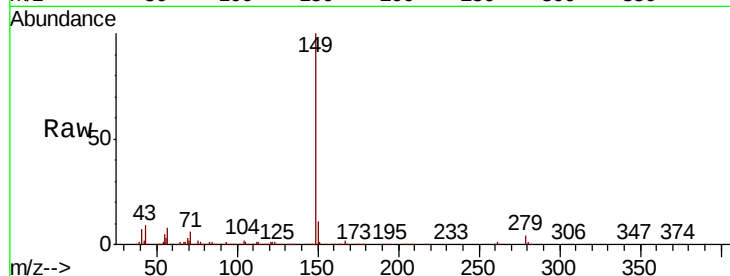
Tot Ion:149 Resp: 1952600

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.7 10.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.803 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

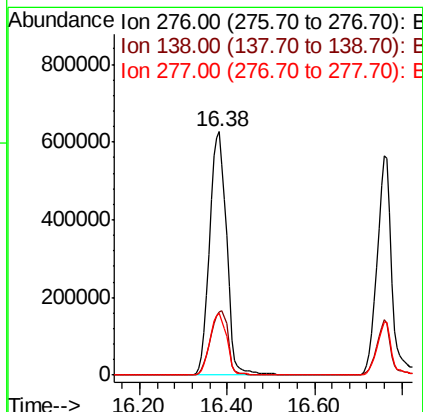
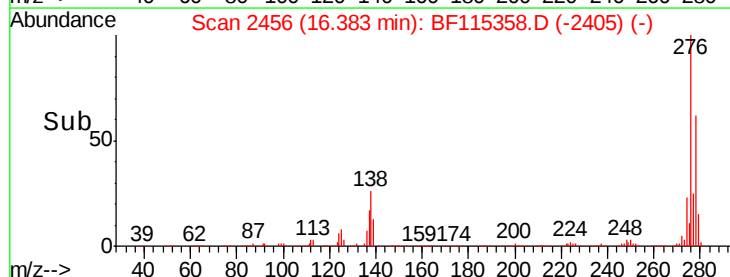
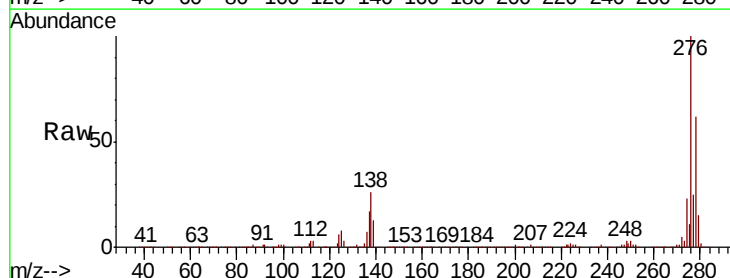
Tgt Ion:276 Resp: 1703646

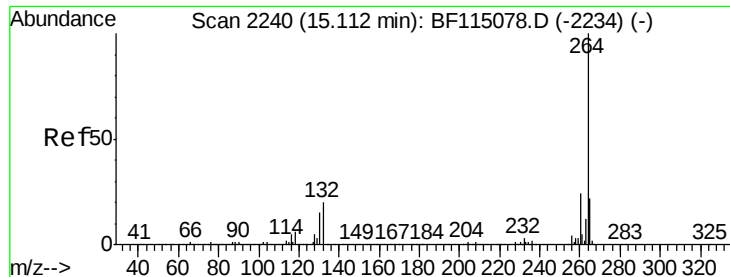
Ion Ratio Lower Upper

276 100

138 27.6 21.9 32.9

277 25.4 20.5 30.7



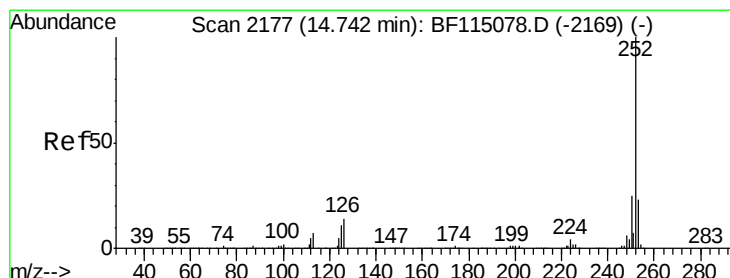
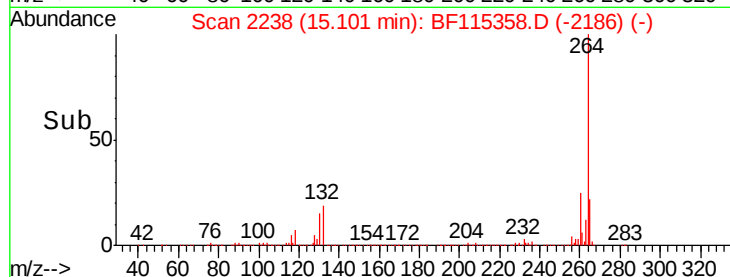
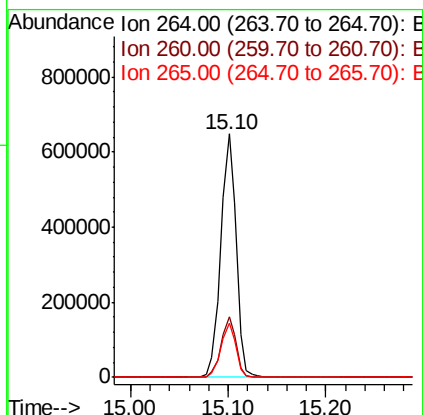
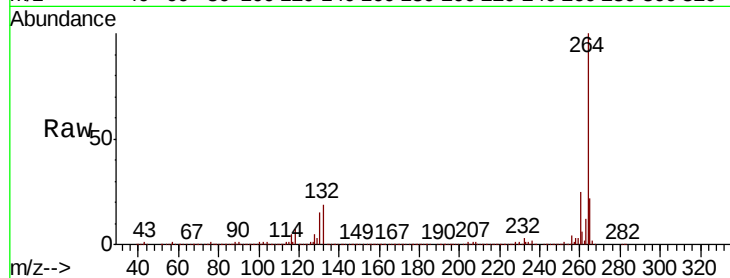


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.10 min Scan# 2238  
Delta R.T. 0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tot Ion:264 Resp: 708196  

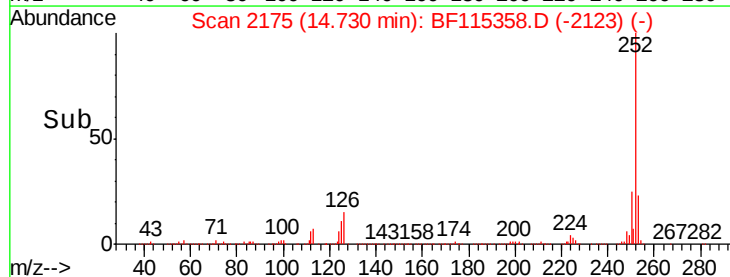
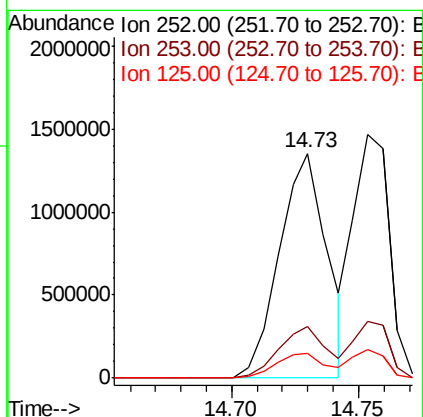
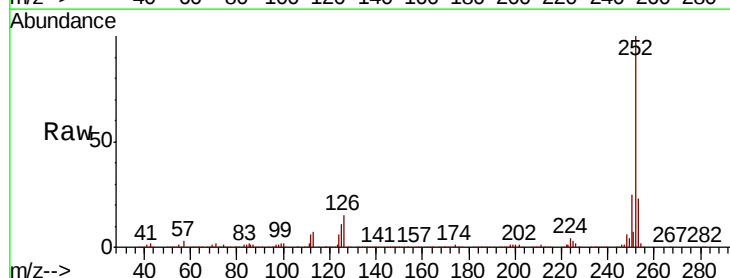
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.0  | 19.5  | 29.3  |
| 265 | 22.0  | 18.2  | 27.2  |

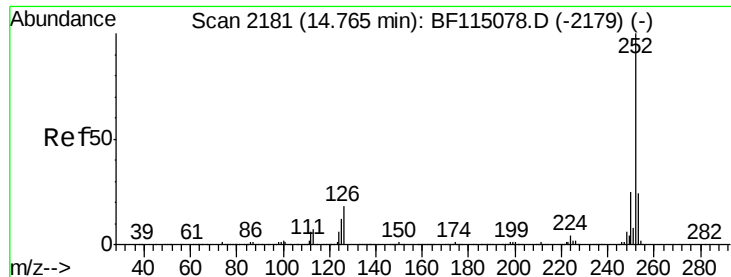


#88  
Benzo(b)fluoranthene  
Concen: 39.927 ng  
RT: 14.73 min Scan# 2175  
Delta R.T. 0.01 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 1764359  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.0  | 27.0  |
| 125 | 11.3  | 9.3   | 13.9  |

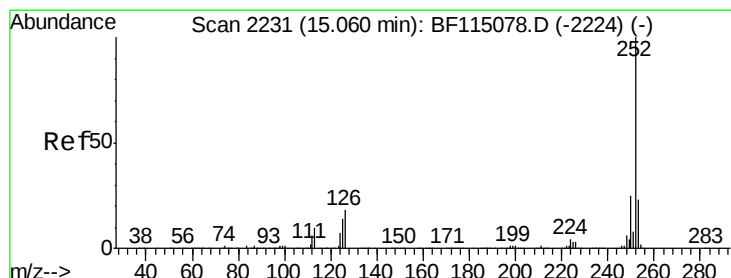
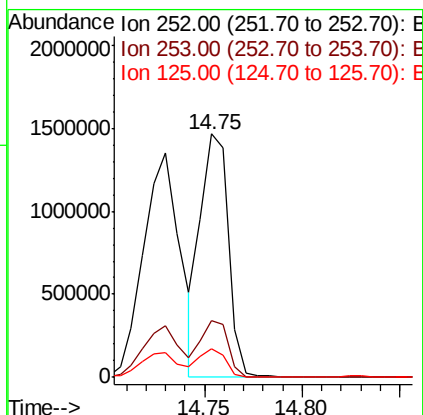
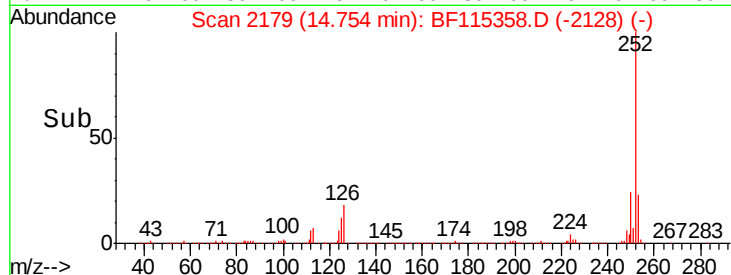
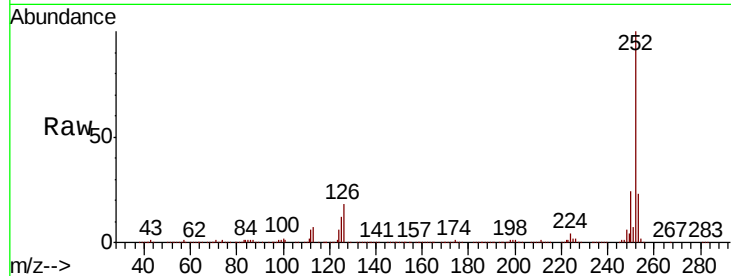




#89  
Benzo(k)fluoranthene  
Concen: 36.772 ng  
RT: 14.75 min Scan# 2179  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

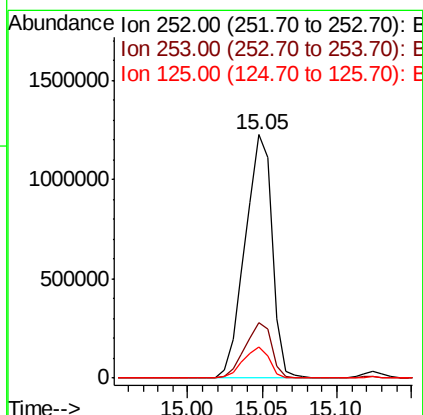
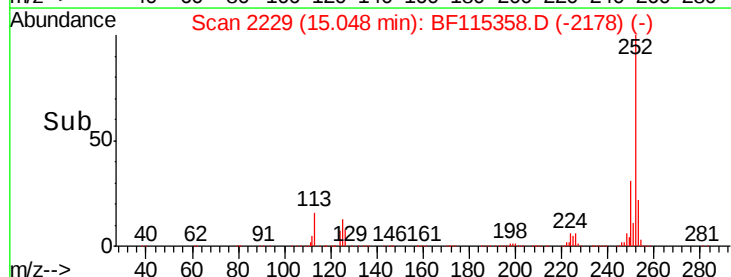
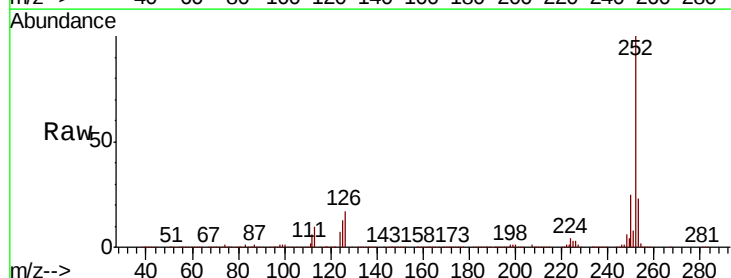
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

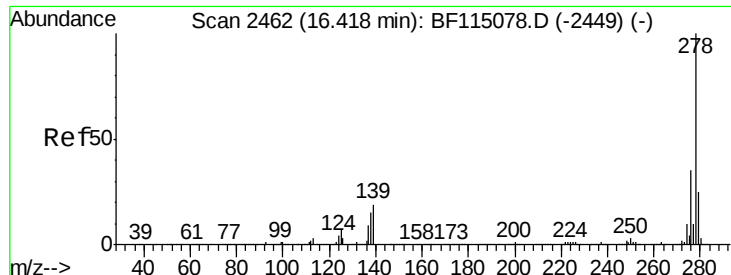
Tot Ion:252 Resp: 1457224  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 12.0 8.7 13.1



#90  
Benzo(a)pyrene  
Concen: 38.611 ng  
RT: 15.05 min Scan# 2229  
Delta R.T. 0.00 min  
Lab File: BF115358.D  
Acq: 2 Jul 2019 13:35

Tgt Ion:252 Resp: 1537826  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.9 26.9  
125 13.0 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 36.640 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Instrument :

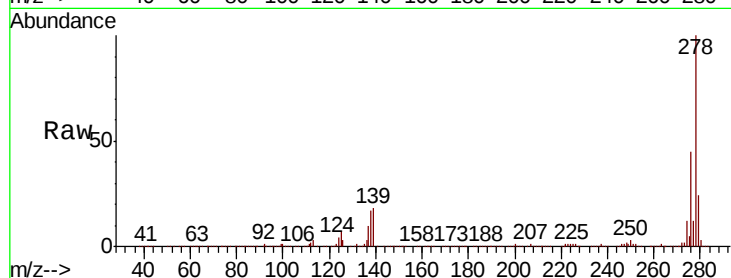
BNA\_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1362376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.9  | 14.2  | 21.2  |
| 279 | 24.3  | 19.5  | 29.3  |

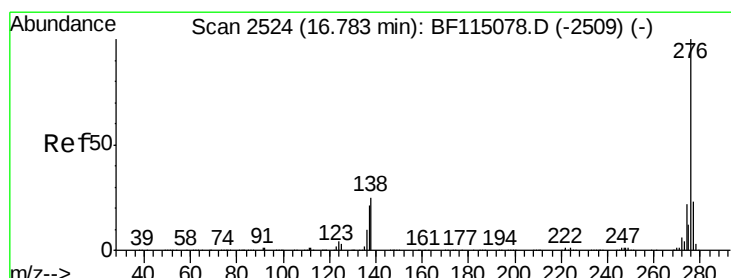
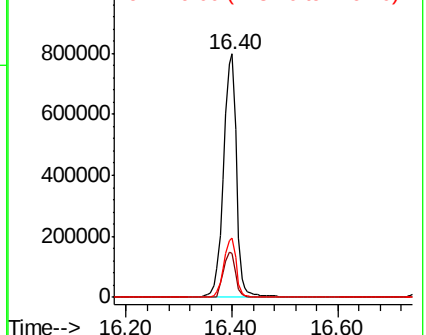
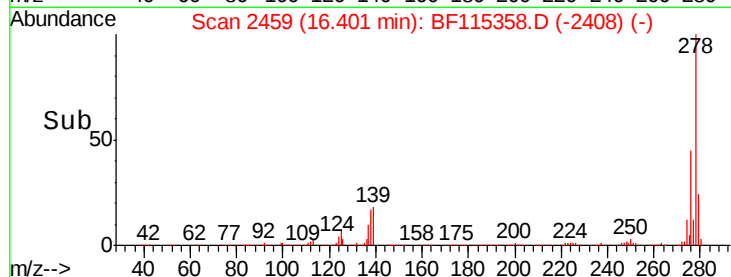


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.181 ng

RT: 16.76 min Scan# 2520

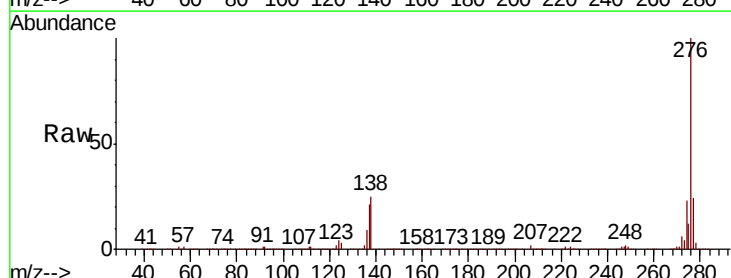
Delta R.T. -0.01 min

Lab File: BF115358.D

Acq: 2 Jul 2019 13:35

Tgt Ion:276 Resp: 1361599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 18.7  | 28.1  |
| 138 | 25.0  | 19.0  | 28.6  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

