

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\  
 Data File : BF120023.D  
 Acq On : 16 Apr 2020 5:34  
 Operator : MA/SJ  
 Sample : L2261-05MSD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

Quant Time: Apr 16 07:16:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 15 11:01:23 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 159176   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.01  | 136  | 606160   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.77  | 164  | 318148   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.26 | 188  | 551454   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.90 | 240  | 325004   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.32 | 264  | 265368   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.33  | 112 | 440291  | 47.80  | ng | 0.00  |
| 7) Phenol-d6             | 6.36  | 99  | 351765  | 29.64  | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 1117830 | 95.40  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.56 | 330 | 311482  | 79.97  | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.10  | 172 | 2185003 | 97.51  | ng | 0.00  |
| 79) Terphenyl-d14        | 12.84 | 244 | 2172941 | 112.50 | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.43 | 88  | 70629   | 17.216 | ng | 97     |
| 3) Pyridine                    | 3.13 | 79  | 140140  | 12.451 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.07 | 42  | 114363  | 19.886 | ng | 99     |
| 6) Aniline                     | 6.39 | 93  | 207209  | 13.302 | ng | 95     |
| 8) 2-Chlorophenol              | 6.51 | 128 | 426351  | 41.429 | ng | 98     |
| 9) Benzaldehyde                | 6.27 | 77  | 246796  | 37.900 | ng | 99     |
| 10) Phenol                     | 6.37 | 94  | 213070  | 15.825 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 526052  | 50.600 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 395256  | 35.081 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 409791  | 35.705 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 396639  | 37.500 | ng | 97     |
| 15) Benzyl Alcohol             | 6.87 | 79  | 282694  | 30.667 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 930129  | 45.977 | ng | 97     |
| 17) 2-Methylphenol             | 6.99 | 107 | 291939  | 31.787 | ng | 96     |
| 18) Hexachloroethane           | 7.24 | 117 | 137966  | 32.166 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 387485  | 50.772 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 317436  | 28.261 | ng | 91     |
| 22) Acetophenone               | 7.14 | 105 | 746697  | 52.605 | ng | # 95   |
| 24) Nitrobenzene               | 7.32 | 77  | 580730  | 49.269 | ng | 99     |
| 25) Isophorone                 | 7.56 | 82  | 1070111 | 47.378 | ng | 98     |
| 26) 2-Nitrophenol              | 7.63 | 139 | 273671  | 46.474 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 381435  | 42.948 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 670174  | 50.423 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 397646  | 43.680 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 371496  | 36.015 | ng | 98     |
| 31) Naphthalene                | 8.03 | 128 | 1351280 | 42.371 | ng | 99     |
| 32) Benzoic acid               | 7.77 | 122 | 104315  | 13.374 | ng | 97     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 150989  | 10.875 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 182605  | 29.573 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 23011   | 8.263  | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 422904  | 42.908 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 996796  | 46.102 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.83 | 142 | 950402  | 46.635 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 447511  | 44.535 | ng | 99     |

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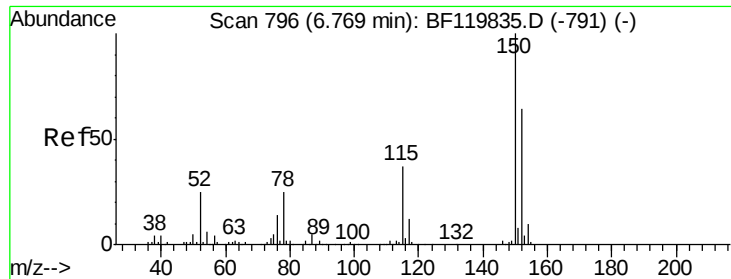
Instrument :  
 BNA\_F  
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Quant Time: Apr 16 07:16:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.88  | 237  | 395240   | 69.171 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.01  | 196  | 321630   | 46.352 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.05  | 196  | 339519   | 43.443 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.19  | 154  | 1282700  | 47.767 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.22  | 162  | 986597   | 47.693 | nq    | 97       |
| 48) 2-Nitroaniline             | 9.32  | 65   | 357205   | 47.649 | nq    | 95       |
| 49) Acenaphthylene             | 9.63  | 152  | 1527155  | 48.542 | nq    | 99       |
| 50) Dimethylphthalate          | 9.50  | 163  | 1298516  | 52.767 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.56  | 165  | 268193   | 49.769 | nq    | 94       |
| 52) Acenaphthene               | 9.80  | 154  | 925174   | 44.085 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.73  | 138  | 106542   | 17.311 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.84  | 184  | 256293   | 79.439 | nq    | 92       |
| 55) Dibenzofuran               | 9.98  | 168  | 1395804  | 48.468 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.90  | 139  | 135779   | 29.651 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.97  | 165  | 344446   | 48.515 | nq    | 98       |
| 58) Fluorene                   | 10.32 | 166  | 1084337  | 47.081 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 279277   | 46.723 | nq    | 98       |
| 60) Diethylphthalate           | 10.20 | 149  | 1245165  | 48.821 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.32 | 204  | 527505   | 44.687 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.35 | 138  | 182555   | 31.125 | nq    | 97       |
| 63) Azobenzene                 | 10.47 | 77   | 1127042  | 49.308 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.37 | 198  | 170281   | 46.870 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.44 | 169  | 984501   | 53.681 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.80 | 248  | 324992   | 47.389 | nq    | 94       |
| 68) Hexachlorobenzene          | 10.87 | 284  | 349788   | 50.278 | nq    | 98       |
| 69) Atrazine                   | 10.97 | 200  | 281953   | 55.256 | nq    | 98       |
| 70) Pentachlorophenol          | 11.07 | 266  | 348433   | 86.908 | nq    | 99       |
| 71) Phenanthrene               | 11.28 | 178  | 1463947  | 49.881 | nq    | 98       |
| 72) Anthracene                 | 11.33 | 178  | 1479743  | 49.355 | nq    | 99       |
| 73) Carbazole                  | 11.49 | 167  | 1482671  | 52.294 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.83 | 149  | 2127261  | 57.073 | nq    | 100      |
| 75) Fluoranthene               | 12.47 | 202  | 1687405  | 53.286 | nq    | 98       |
| 78) Pyrene                     | 12.70 | 202  | 1660274  | 60.597 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.32 | 149  | 734803   | 55.270 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.89 | 228  | 1089304  | 50.948 | nq    | 99       |
| 83) Chrysene                   | 13.93 | 228  | 1090214  | 50.183 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.89 | 149  | 958327   | 53.230 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.50 | 149  | 1592290  | 51.943 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 1070314  | 55.890 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 14.92 | 252  | 1012402  | 53.033 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.94 | 252  | 917533   | 55.706 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.26 | 252  | 833569   | 51.933 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.73 | 278  | 890030   | 62.600 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.13 | 276  | 822005   | 58.571 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF120023.D

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Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

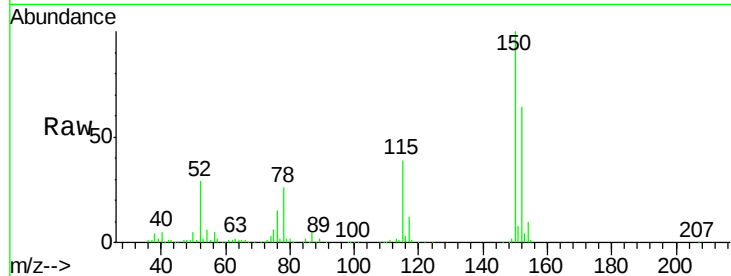
Tot Ion:152 Resp: 159176

Ion Ratio Lower Upper

152 100

150 155.3 124.8 187.2

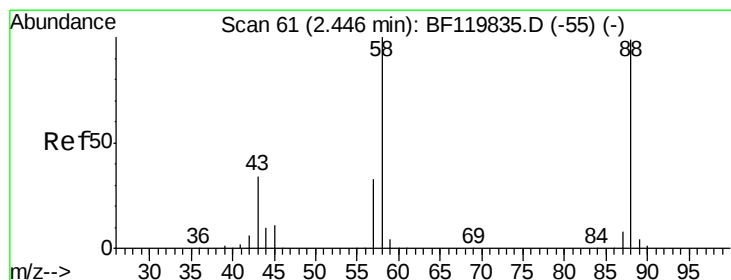
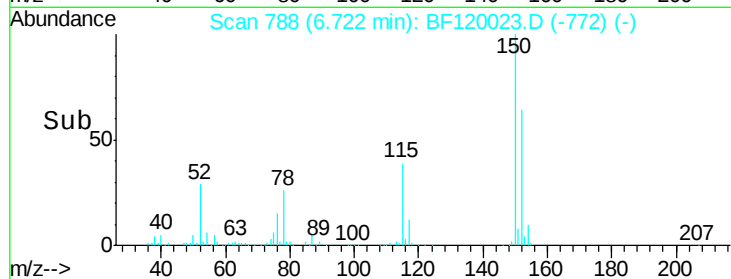
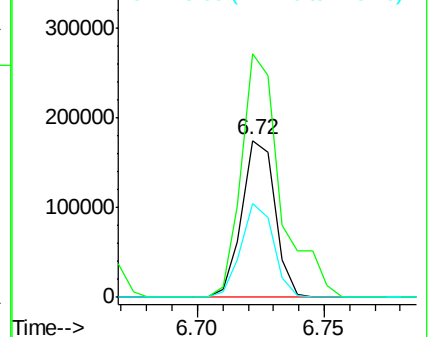
115 60.2 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.216 ng

RT: 2.43 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

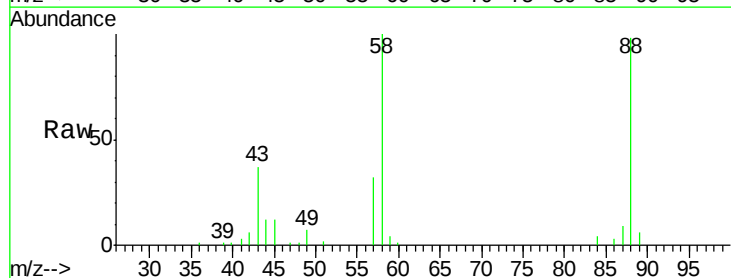
Tgt Ion: 88 Resp: 70629

Ion Ratio Lower Upper

88 100

58 102.2 82.6 123.8

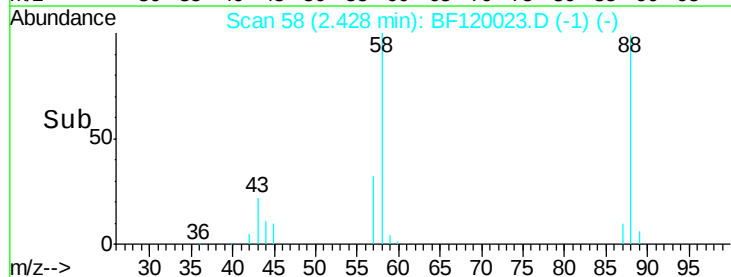
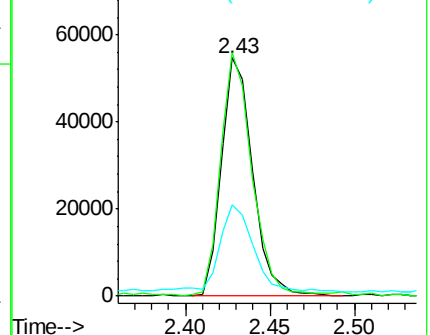
43 40.6 28.6 42.8

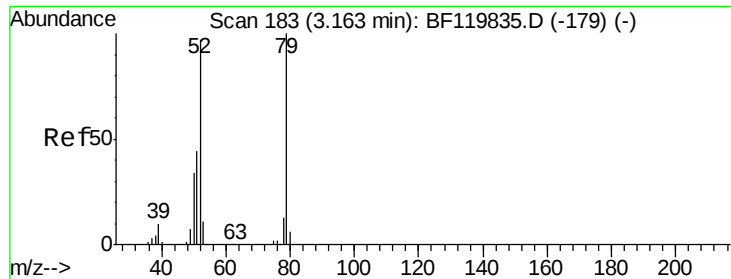


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 12.451 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

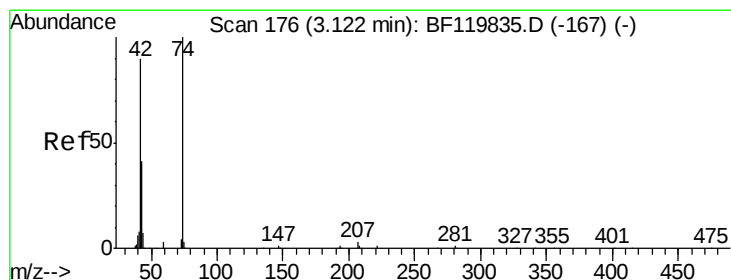
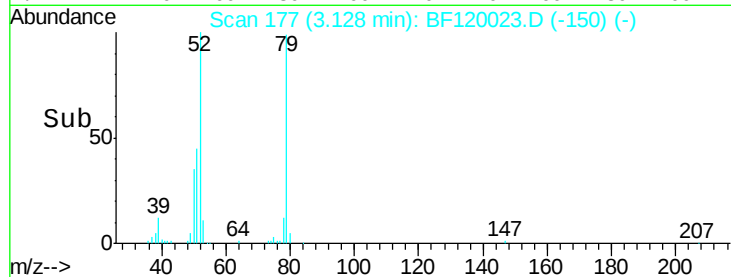
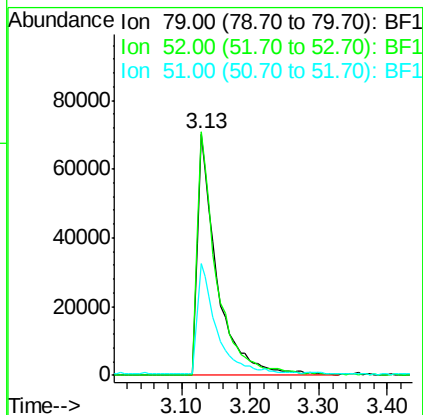
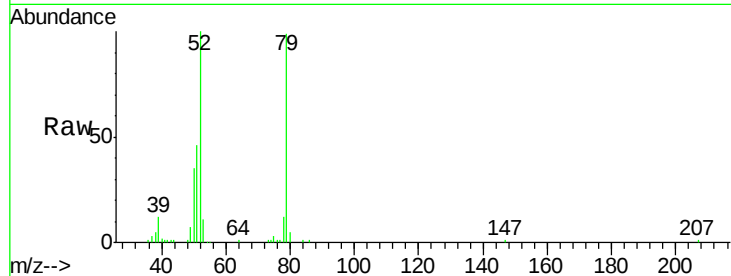
Tot Ion: 79 Resp: 140140

Ion Ratio Lower Upper

79 100

52 100.9 77.4 116.0

51 46.2 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 19.886 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.04 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

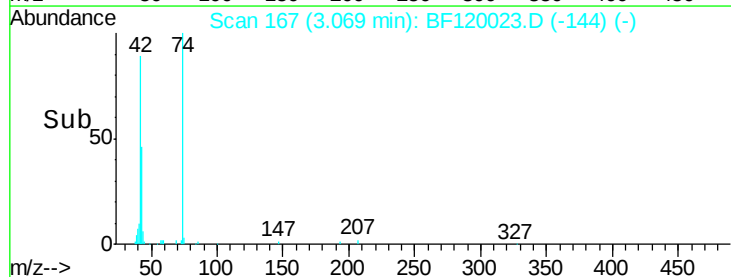
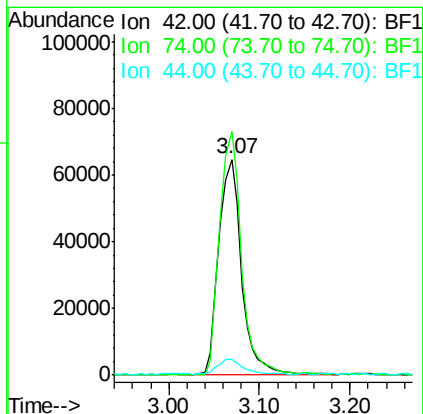
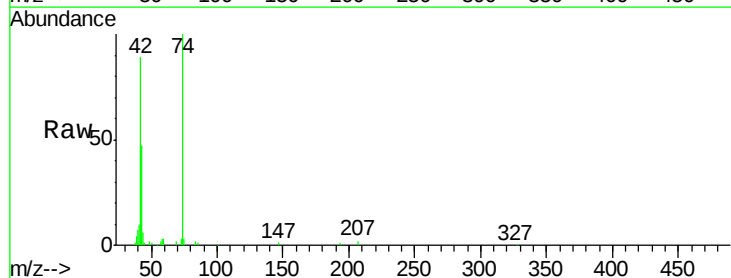
Tgt Ion: 42 Resp: 114363

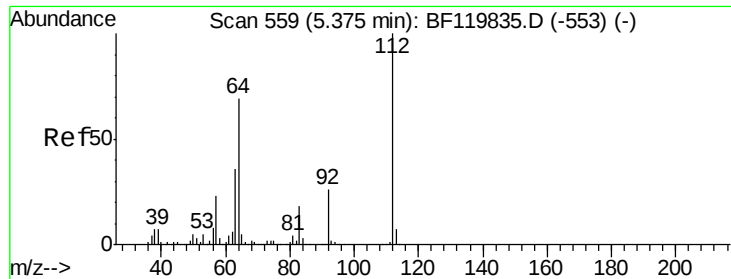
Ion Ratio Lower Upper

42 100

74 112.7 89.0 133.4

44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 47.803 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF120023.D

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ClientSampleId :

NCQ-632MSD

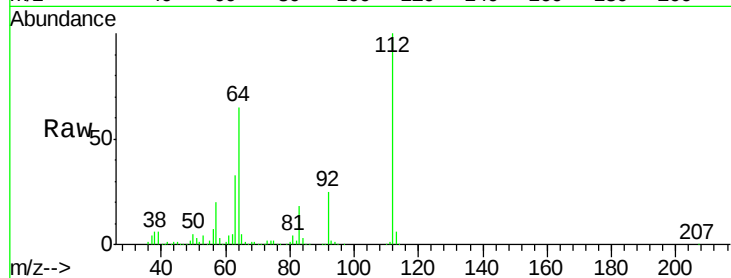
Tot Ion:112 Resp: 440291

Ion Ratio Lower Upper

112 100

64 65.3 55.5 83.3

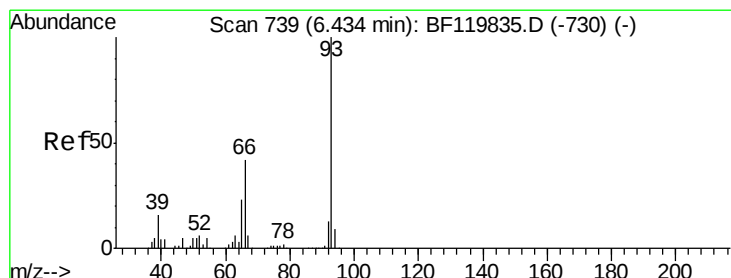
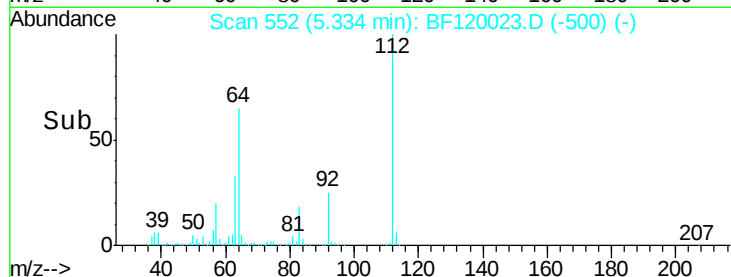
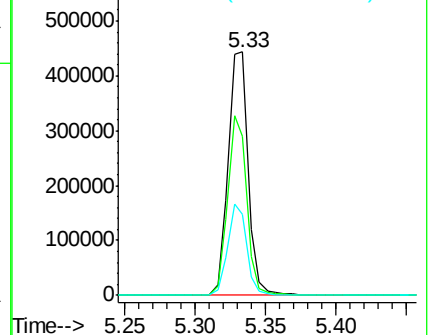
63 33.1 29.1 43.7



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: 13.302 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

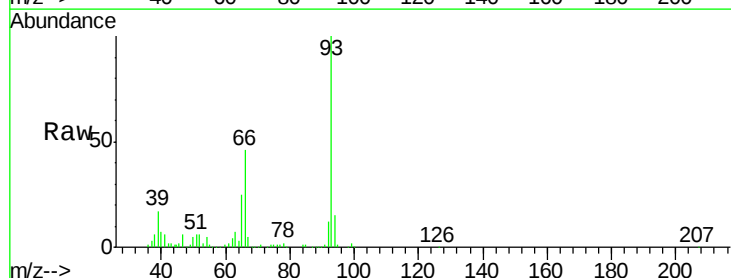
Tgt Ion: 93 Resp: 207209

Ion Ratio Lower Upper

93 100

66 46.1 34.2 51.2

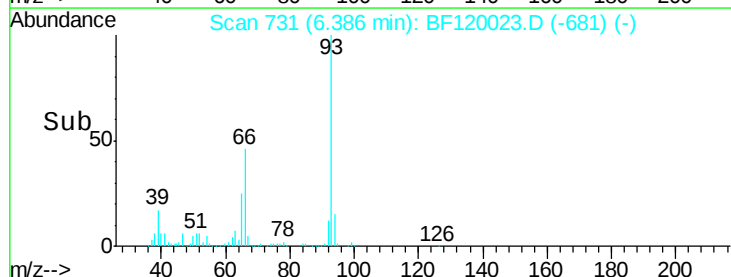
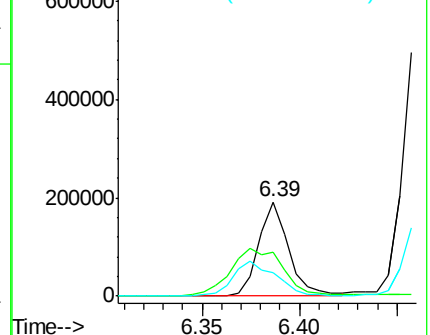
65 25.3 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 29.639 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

NCQ-632MSD

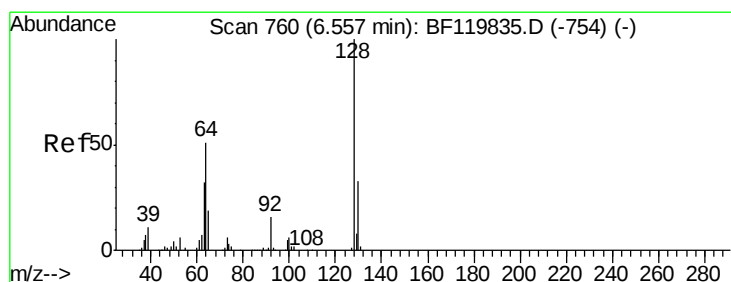
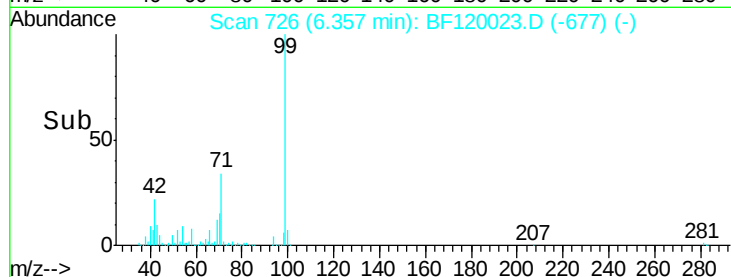
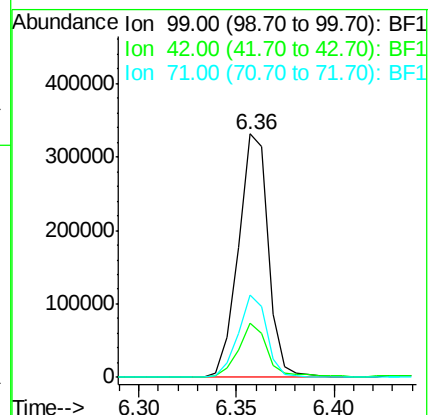
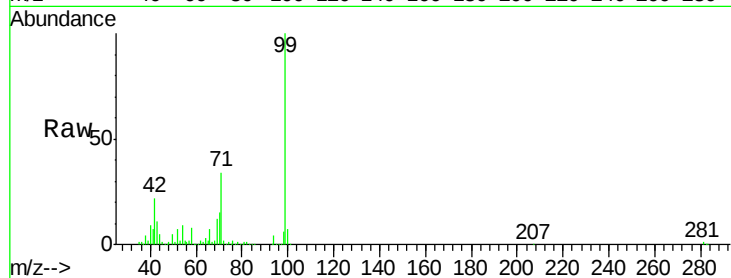
Tot Ion: 99 Resp: 351765

Ion Ratio Lower Upper

99 100

42 22.2 16.9 25.3

71 34.1 26.3 39.5



#8

2-Chlorophenol

Concen: 41.429 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

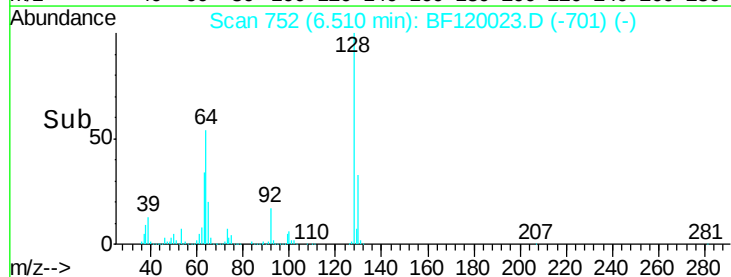
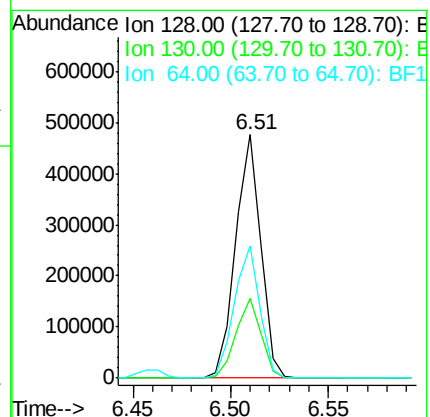
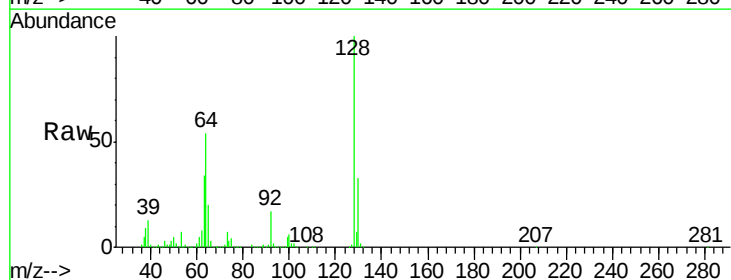
Tgt Ion: 128 Resp: 426351

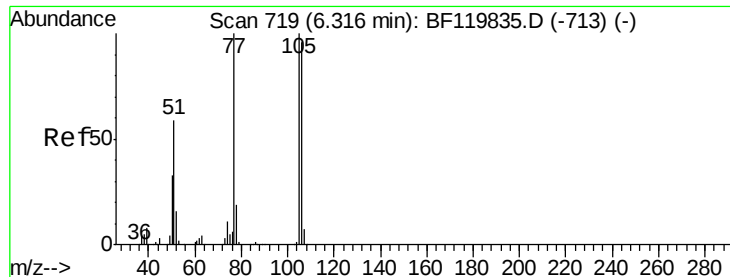
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 54.4 32.0 72.0





#9

Benzaldehyde

Concen: 37.900 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120023.D

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Instrument :

BNA\_F

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NCQ-632MSD

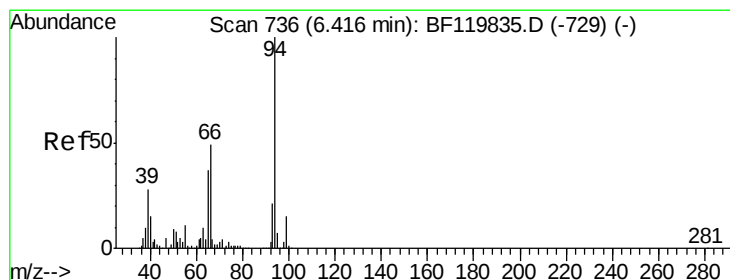
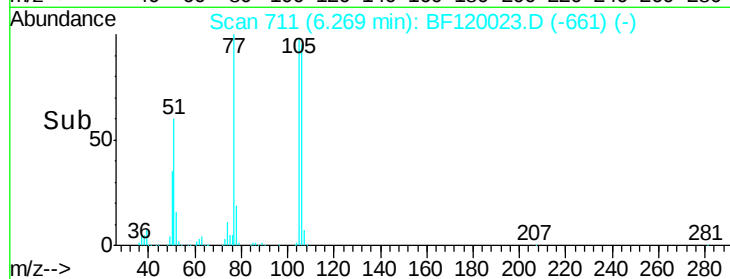
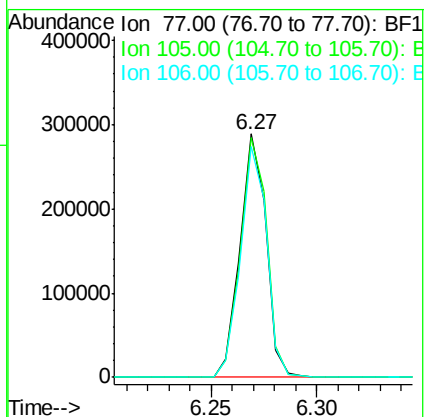
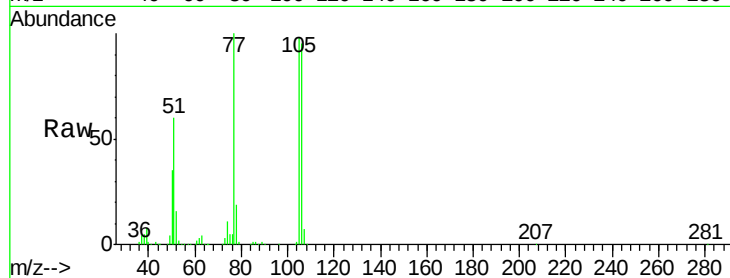
Tot Ion: 77 Resp: 246796

Ion Ratio Lower Upper

77 100

105 98.5 79.9 119.9

106 94.9 76.4 116.4



#10

Phenol

Concen: 15.825 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

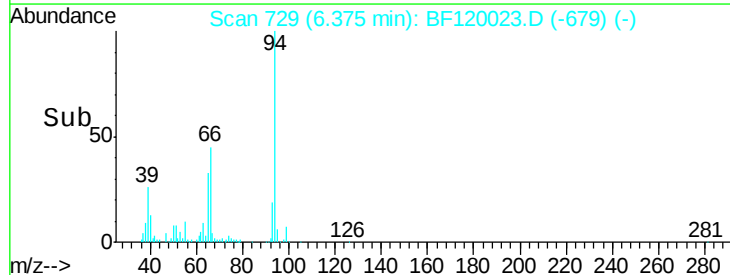
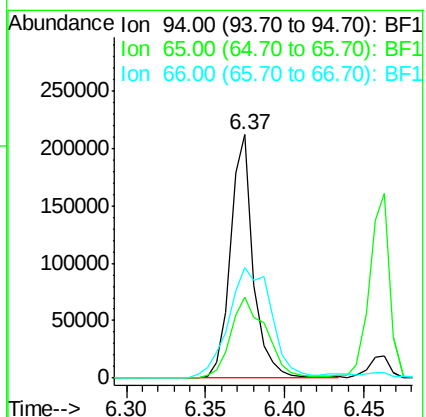
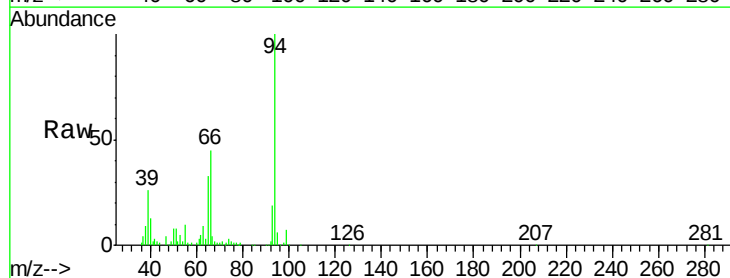
Tgt Ion: 94 Resp: 213070

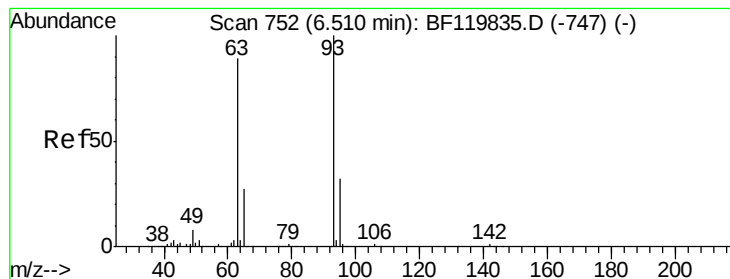
Ion Ratio Lower Upper

94 100

65 33.3 16.6 56.6

66 45.5 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 50.600 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

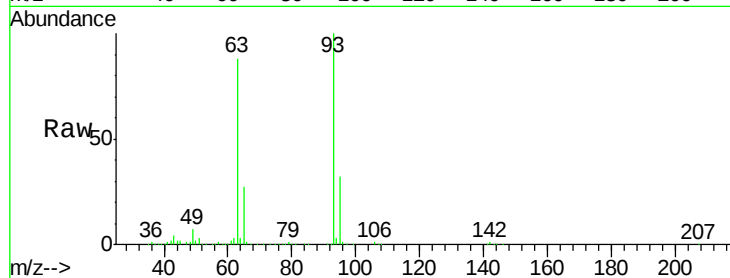
Tot Ion: 93 Resp: 526052

Ion Ratio Lower Upper

93 100

63 87.9 69.1 109.1

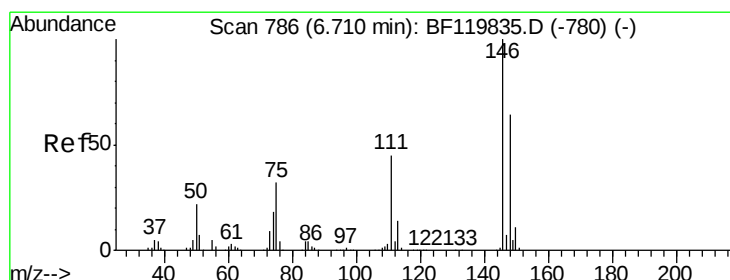
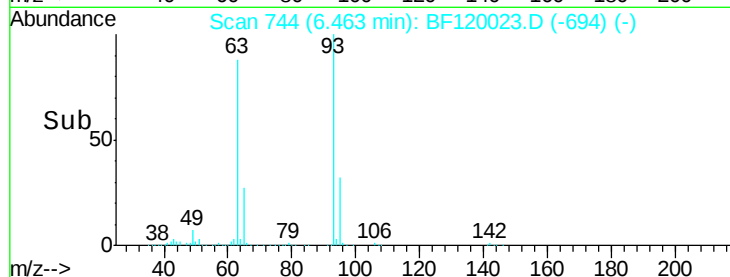
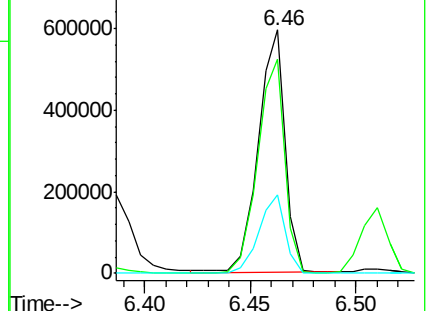
95 32.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.081 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

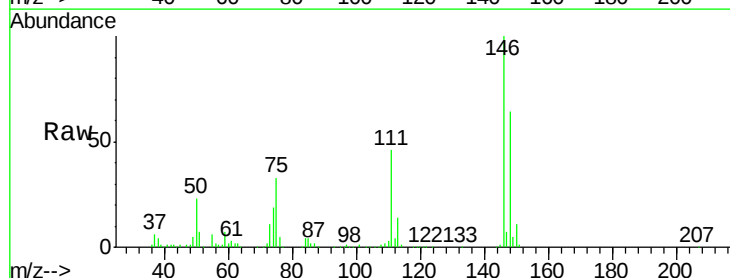
Tgt Ion: 146 Resp: 395256

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

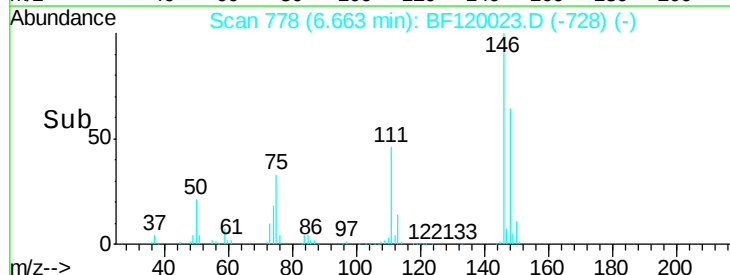
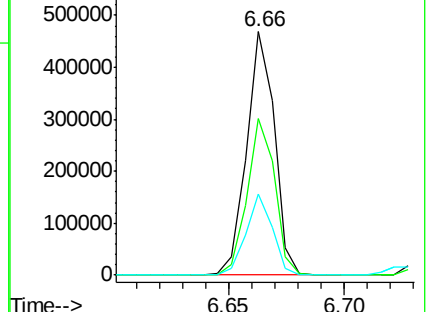
75 33.2 25.3 37.9

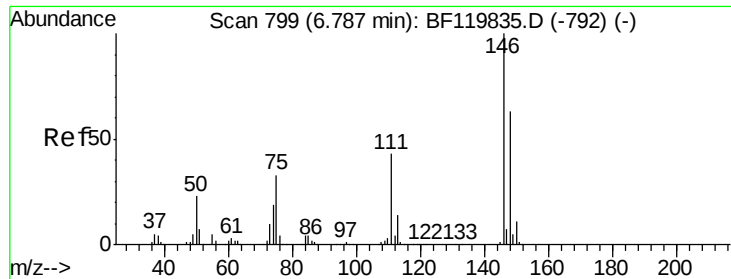


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.705 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

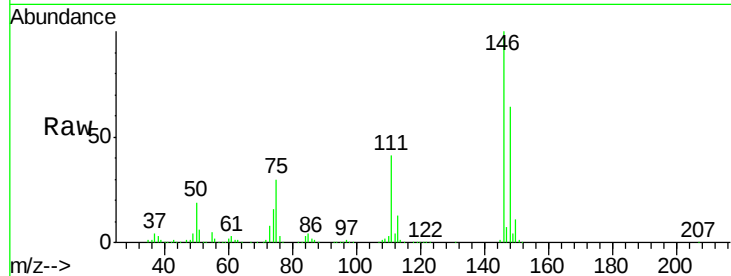
Tot Ion:146 Resp: 409791

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

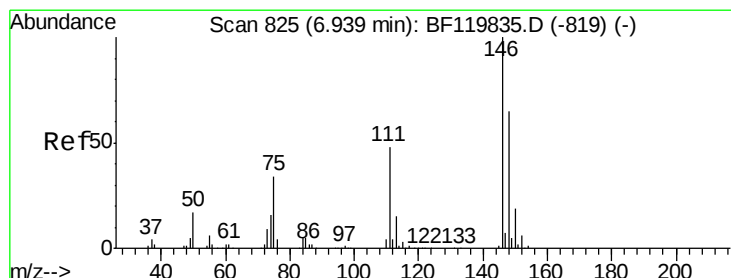
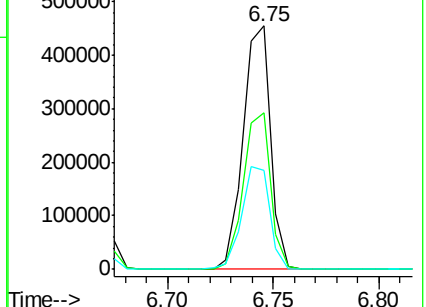
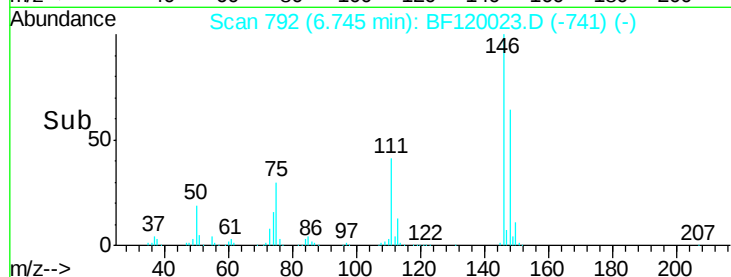
111 40.9 34.7 52.1



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: 37.500 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

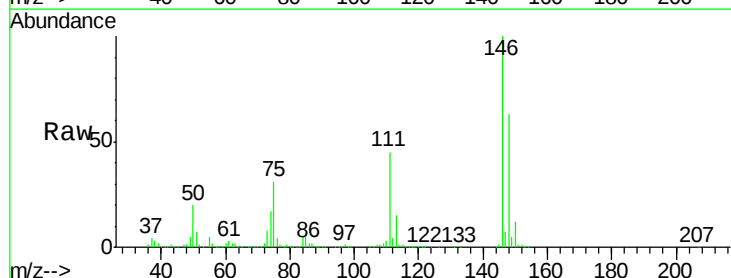
Tgt Ion:146 Resp: 396639

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.8

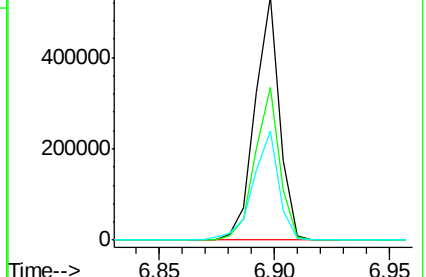
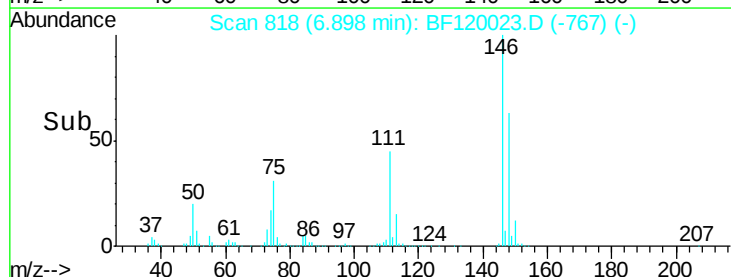
111 44.7 38.0 57.0

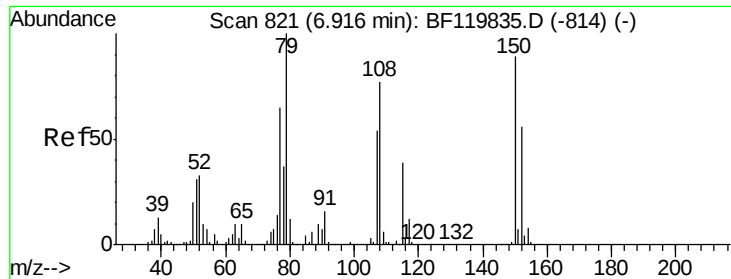


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.667 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

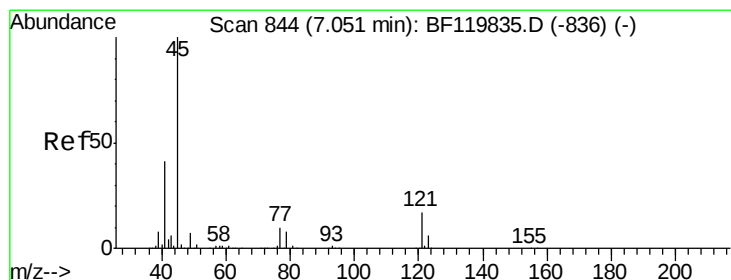
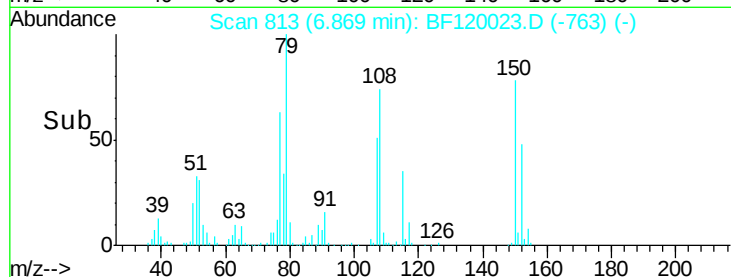
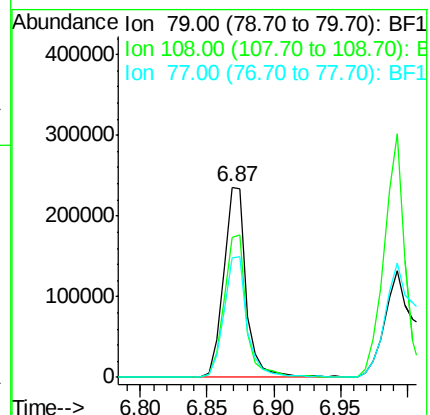
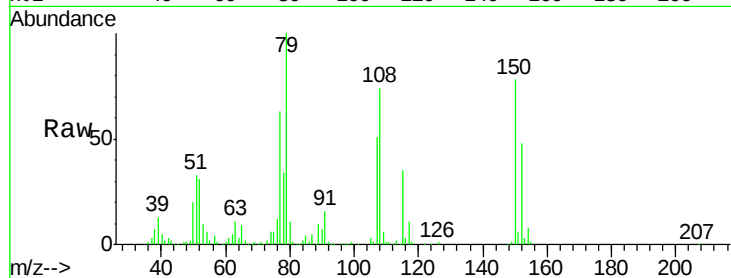
Tot Ion: 79 Resp: 282694

Ion Ratio Lower Upper

79 100

108 73.6 62.0 93.0

77 62.5 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.977 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

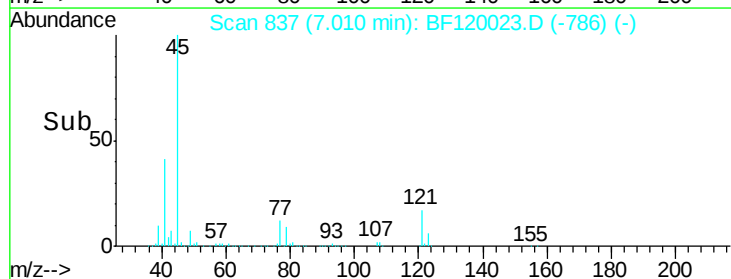
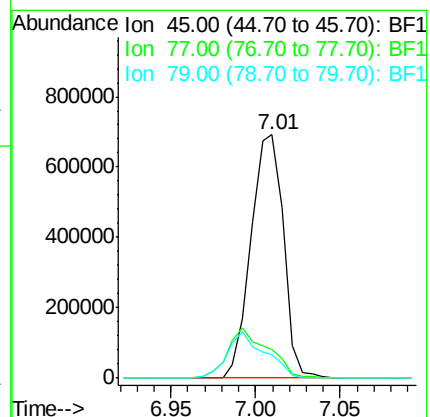
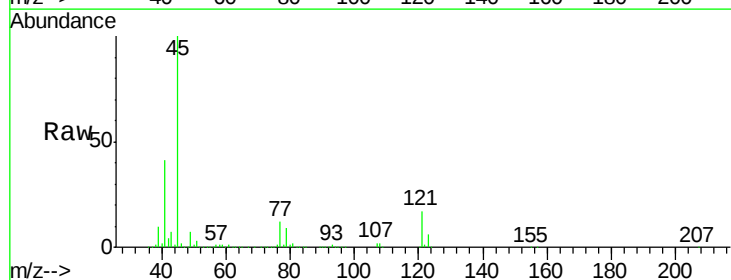
Tgt Ion: 45 Resp: 930129

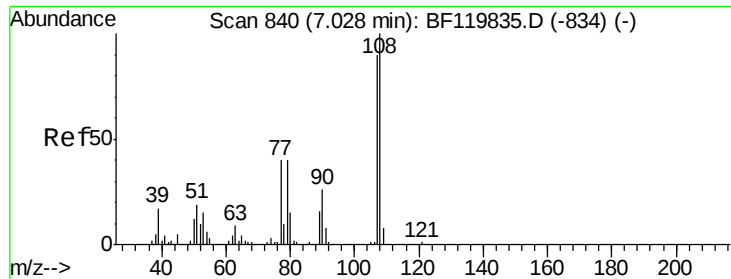
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.7

79 9.5 0.0 28.6

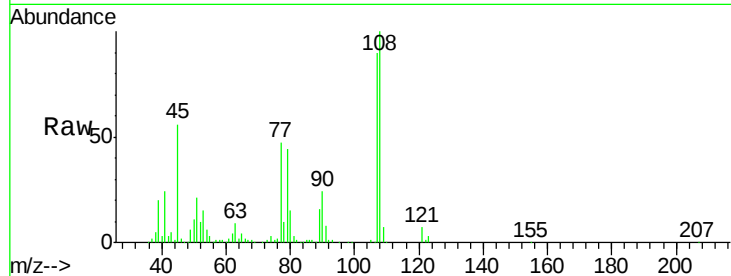




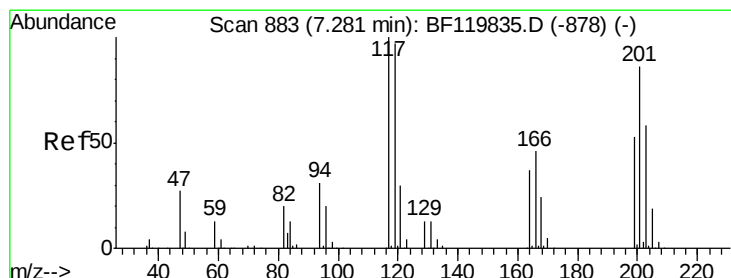
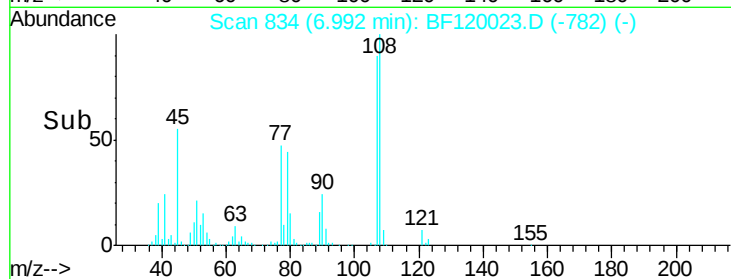
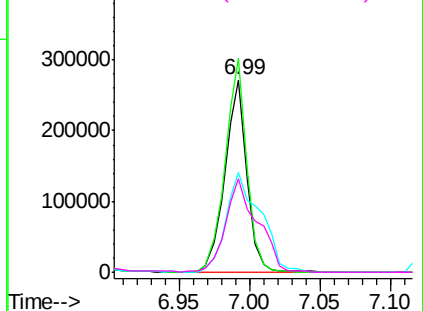
#17  
2-Methylphenol  
Concen: 31.787 ng  
RT: 6.99 min Scan# 834  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 291939 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.2 | 88.8  | 133.2  |
| 77       | 52.3  | 36.0  | 54.0   |
| 79       | 48.8  | 35.7  | 53.5   |

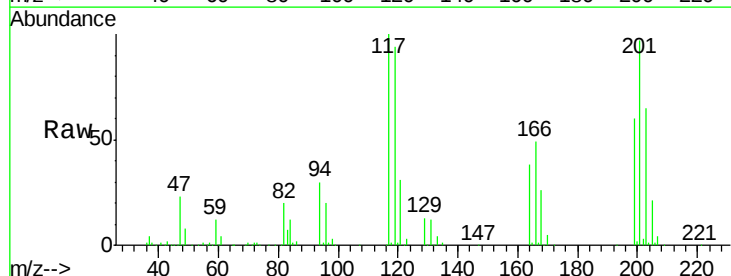


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

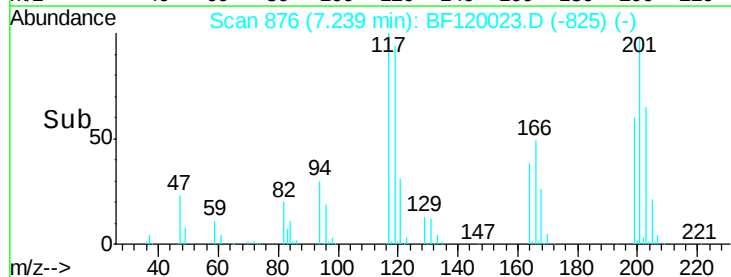
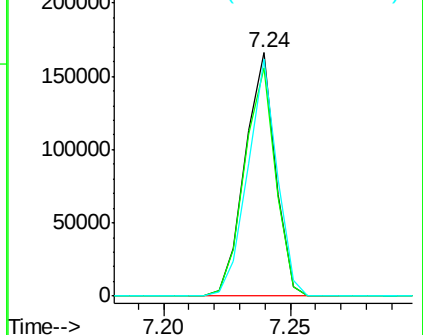


#18  
Hexachloroethane  
Concen: 32.166 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 137966 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.6  | 77.4  | 116.0  |
| 201      | 97.2  | 68.4  | 102.6  |



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

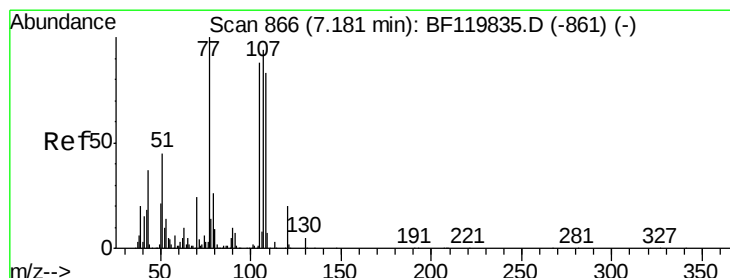
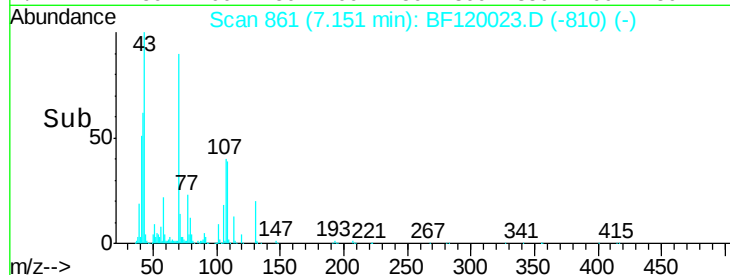
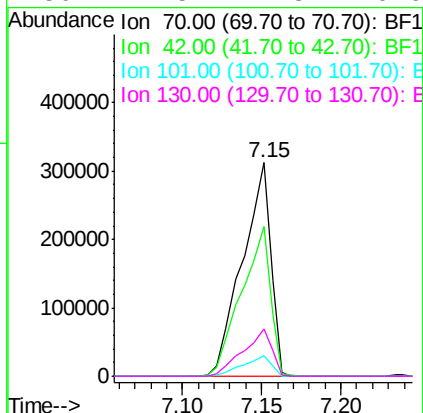
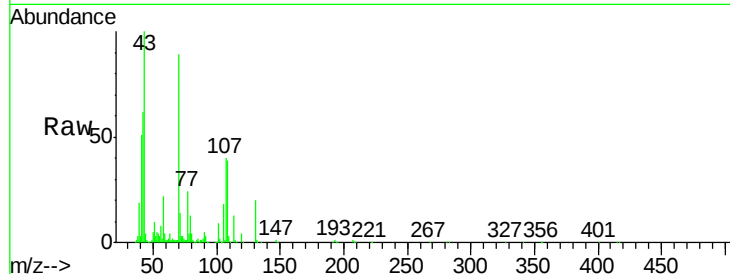




#19  
n-Nitroso-di-n-propylamine  
Concen: 50.772 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

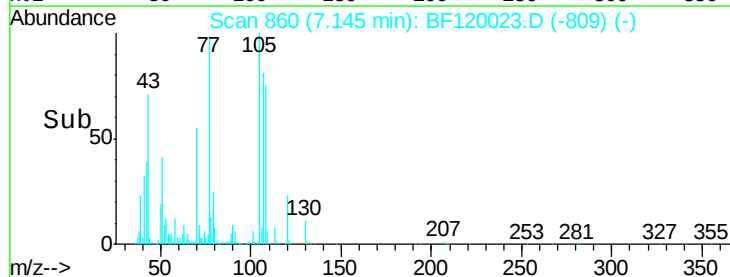
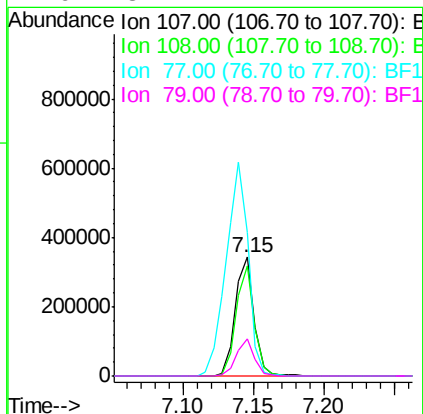
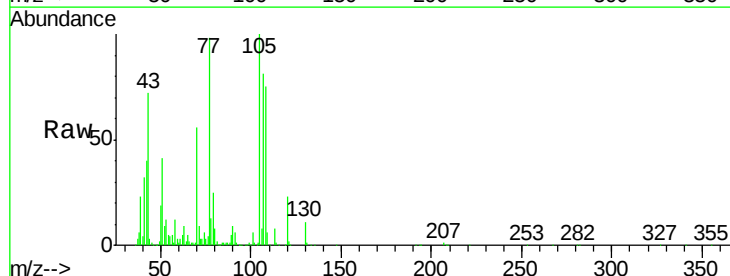
Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

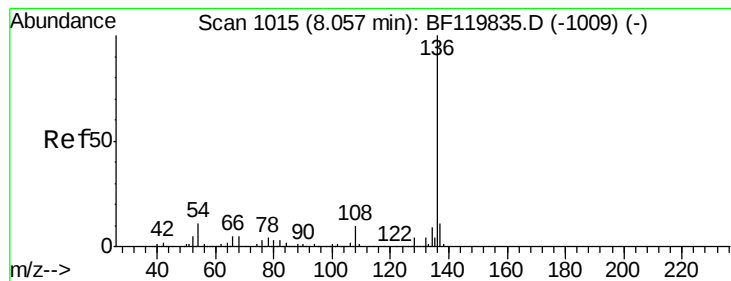
Tot Ion: 70 Resp: 387485  
Ion Ratio Lower Upper  
70 100  
42 69.8 54.2 81.4  
101 9.6 7.4 11.2  
130 22.5 17.8 26.6



#20  
3+4-Methylphenols  
Concen: 28.261 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion: 107 Resp: 317436  
Ion Ratio Lower Upper  
107 100  
108 92.4 68.2 108.2  
77 120.7 86.6 126.6  
79 31.1 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

Tot Ion:136 Resp: 606160

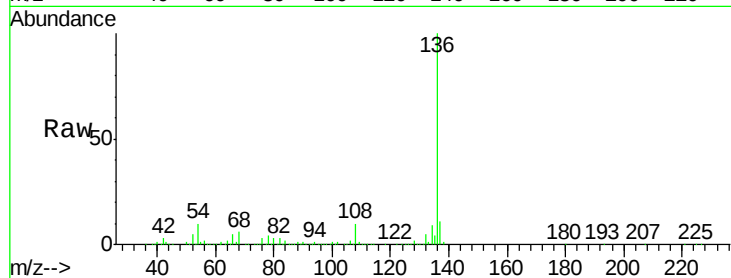
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.5 8.5 12.7

68 5.6 3.9 5.9

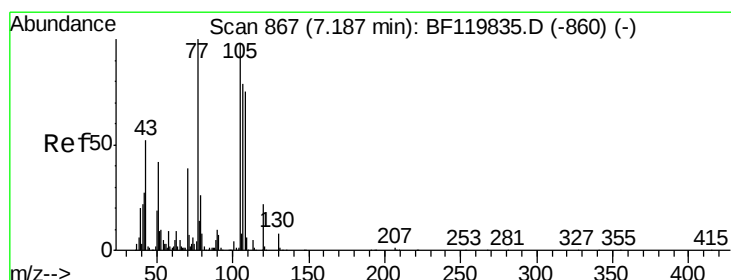
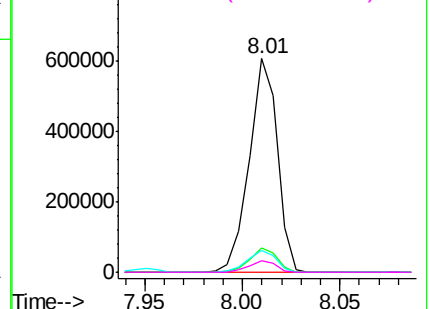
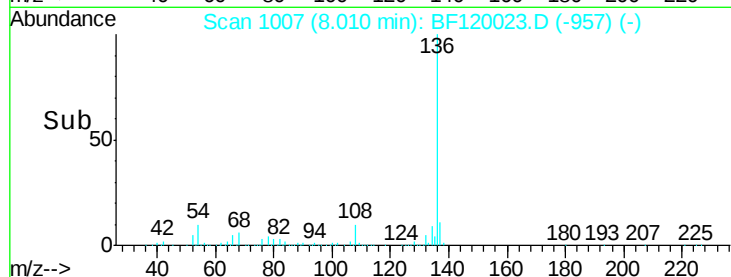


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.605 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:105 Resp: 746697

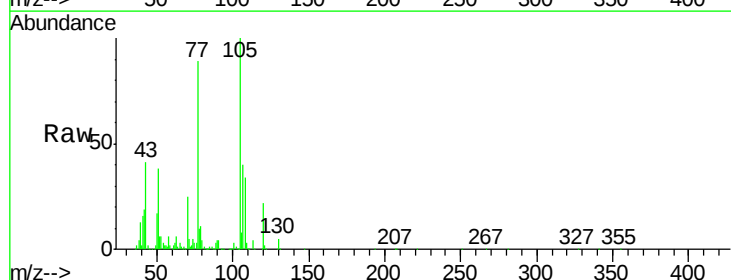
Ion Ratio Lower Upper

105 100

71 4.6 5.6 8.4#

51 38.1 33.9 50.9

120 21.7 17.8 26.8

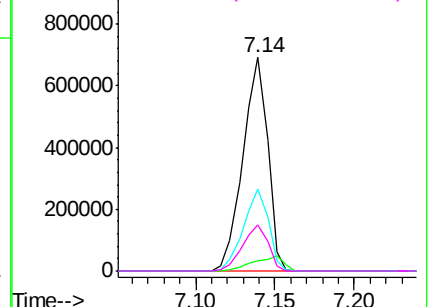
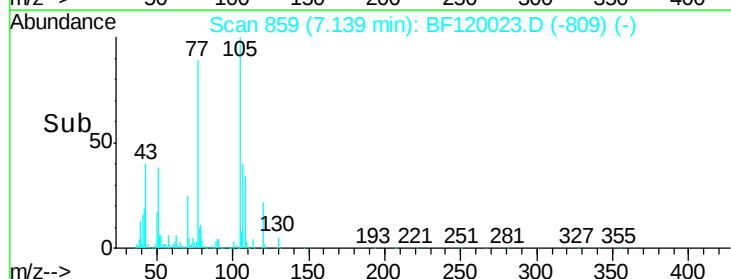


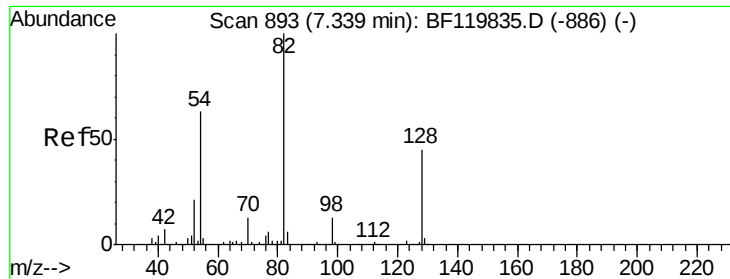
Abundance Ion 105.00 (104.70 to 105.70): E

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

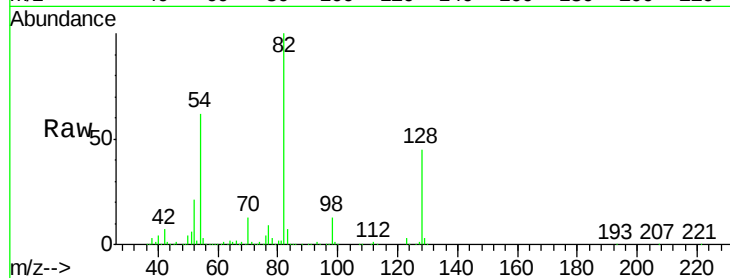




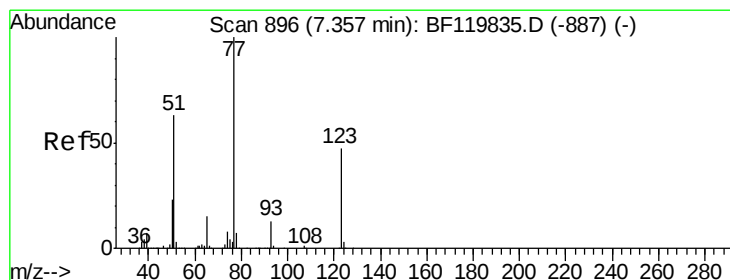
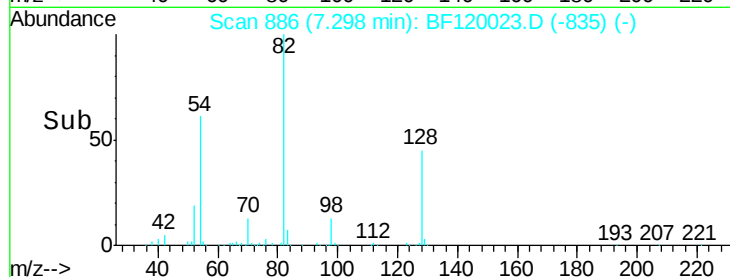
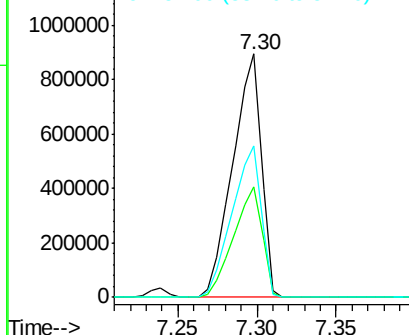
#23  
 Nitrobenzene-d5  
 Concen: 95.403 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

Tot Ion: 82 Resp: 1117830  
 Ion Ratio Lower Upper  
 82 100  
 128 45.2 36.2 54.4  
 54 62.3 50.4 75.6

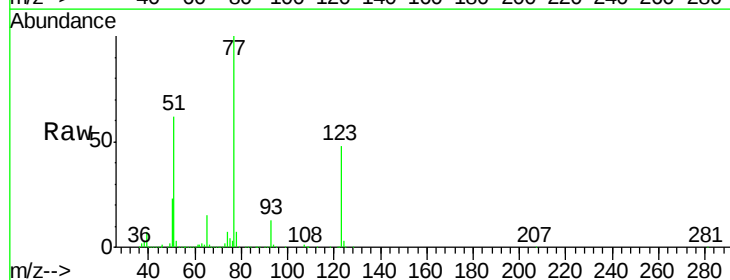


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

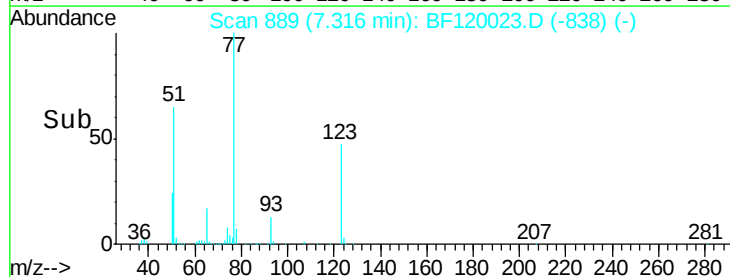
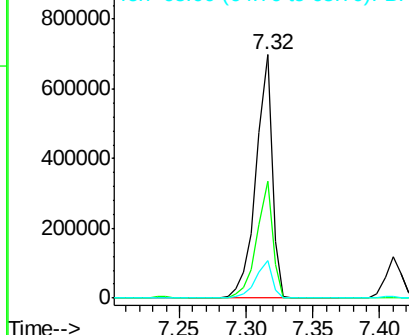


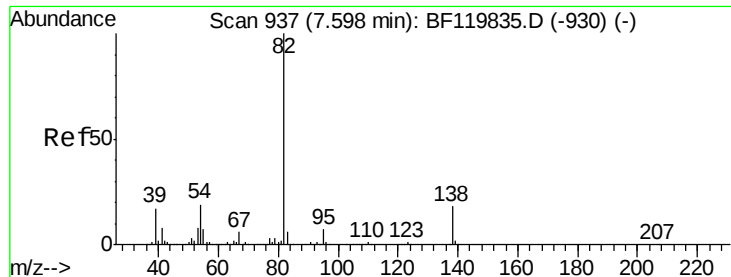
#24  
 Nitrobenzene  
 Concen: 49.269 ng  
 RT: 7.32 min Scan# 889  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion: 77 Resp: 580730  
 Ion Ratio Lower Upper  
 77 100  
 123 47.8 37.8 56.8  
 65 15.5 12.2 18.2



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: 47.378 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

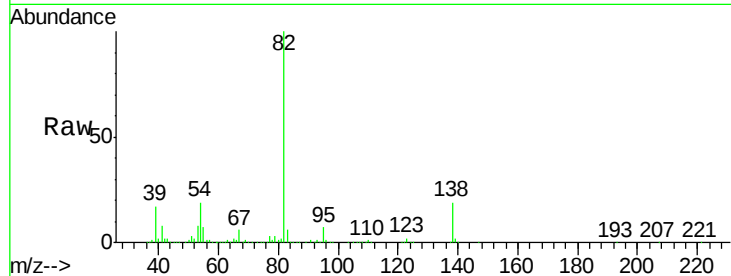
Tot Ion: 82 Resp: 1070111

Ion Ratio Lower Upper

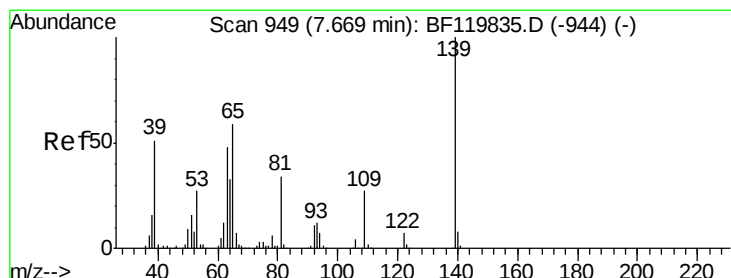
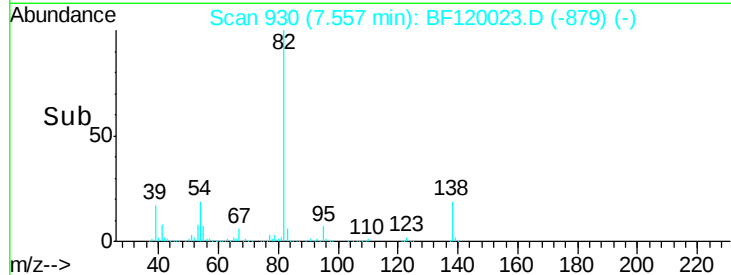
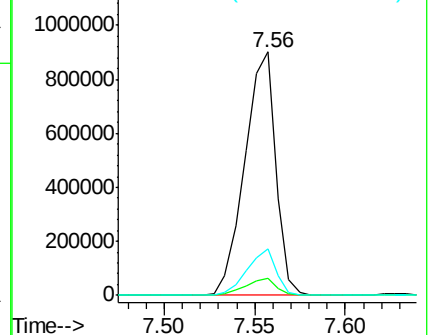
82 100

95 7.1 5.8 8.6

138 19.2 14.5 21.7



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: 46.474 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

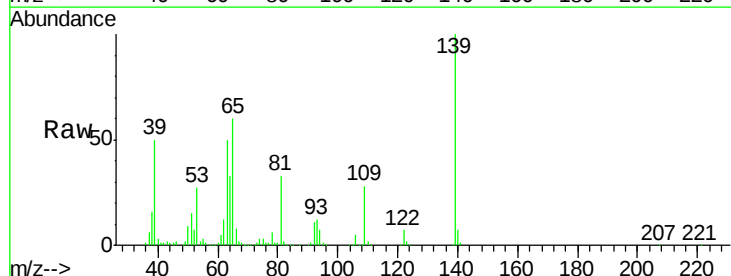
Tgt Ion: 139 Resp: 273671

Ion Ratio Lower Upper

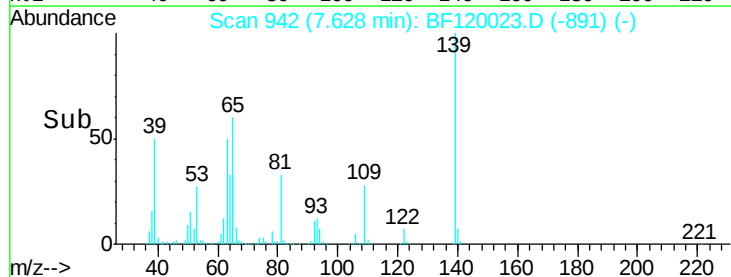
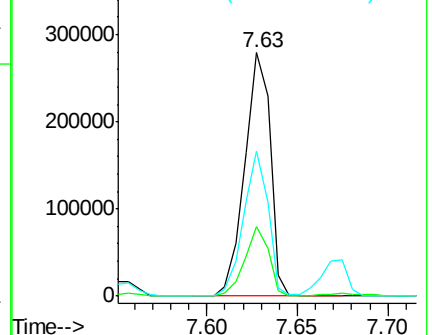
139 100

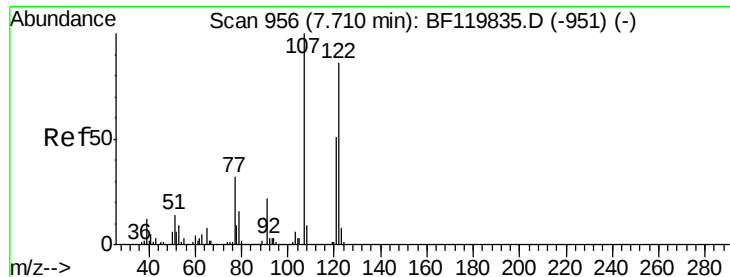
109 28.4 21.8 32.6

65 59.8 47.0 70.4



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: 42.948 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

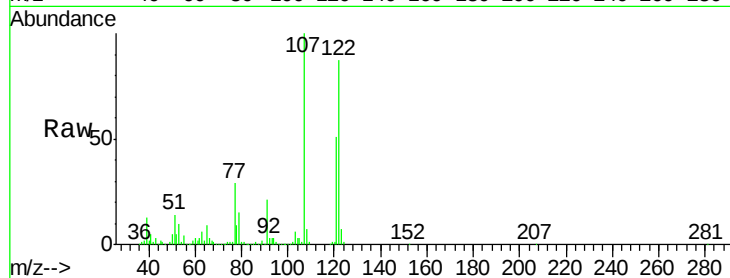
Tot Ion:122 Resp: 381435

Ion Ratio Lower Upper

122 100

107 115.2 92.3 138.5

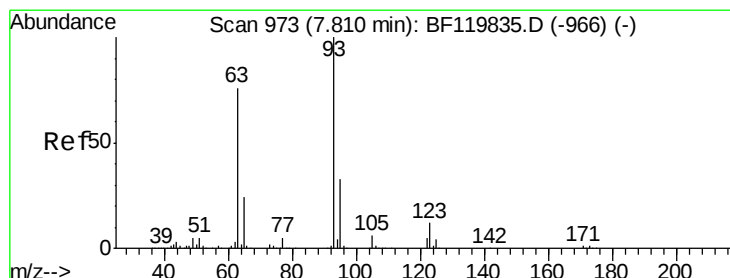
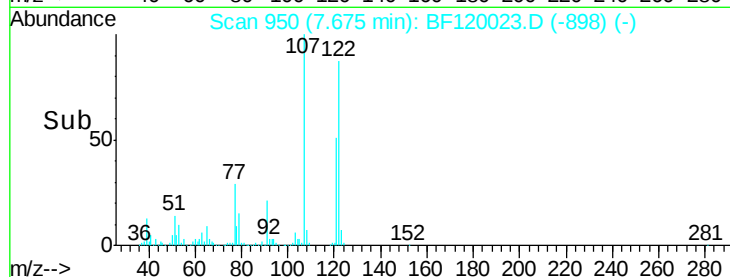
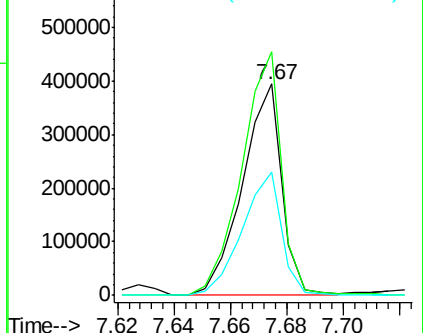
121 58.6 46.6 70.0



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: 50.423 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

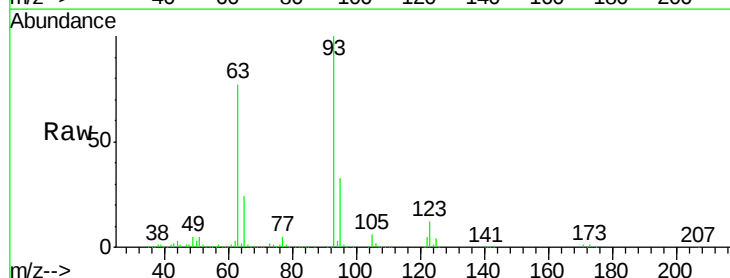
Tgt Ion: 93 Resp: 670174

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

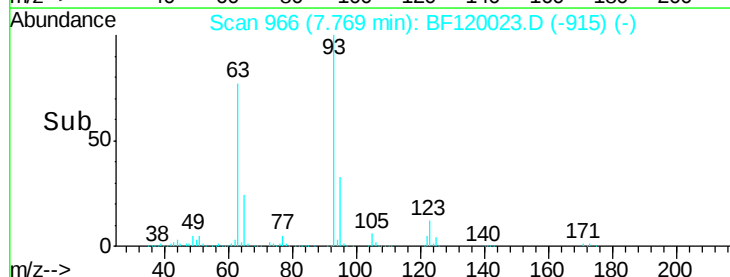
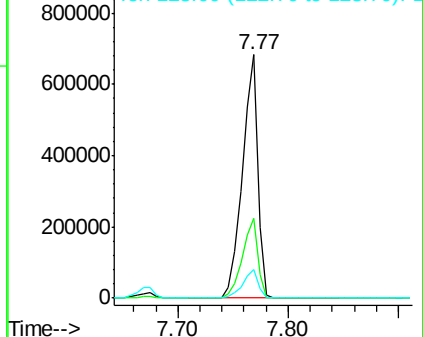
123 11.7 9.7 14.5

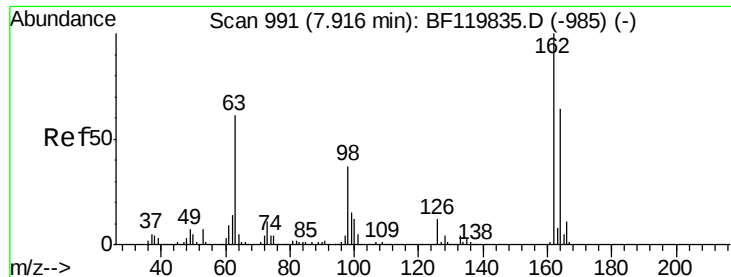


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

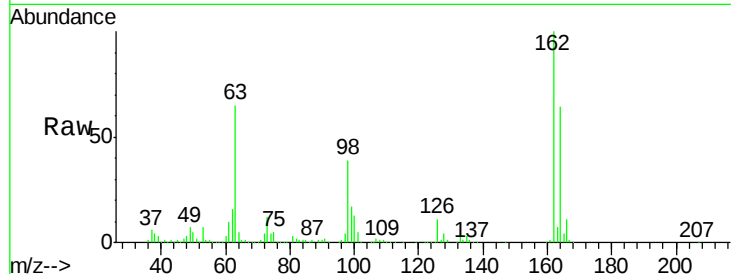




#29  
2,4-Dichlorophenol  
Concen: 43.680 ng  
RT: 7.87 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.8  | 44.4  | 84.4  |
| 98      | 38.8  | 17.3  | 57.3  |

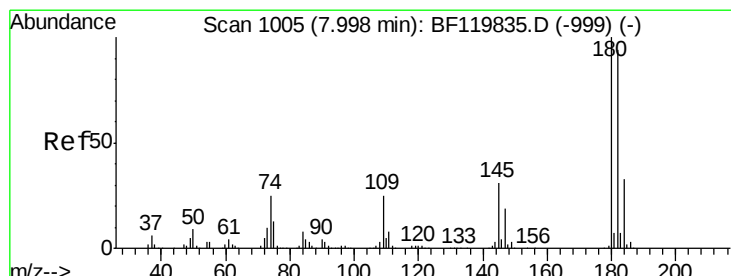
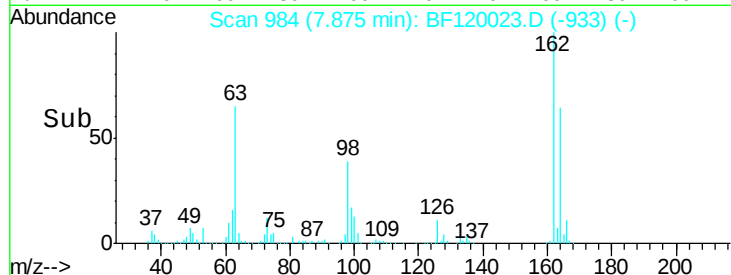
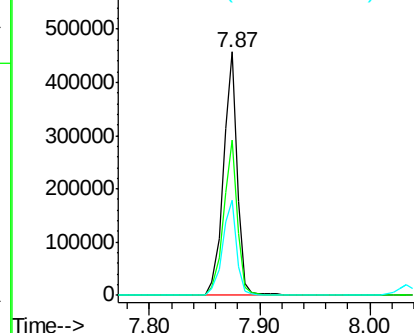


Abundance

Ion 162.00 (161.70 to 162.70): E

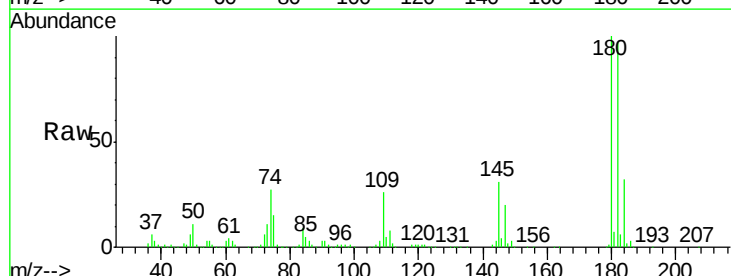
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 36.015 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 75.4  | 113.0 |
| 145     | 31.3  | 24.6  | 37.0  |

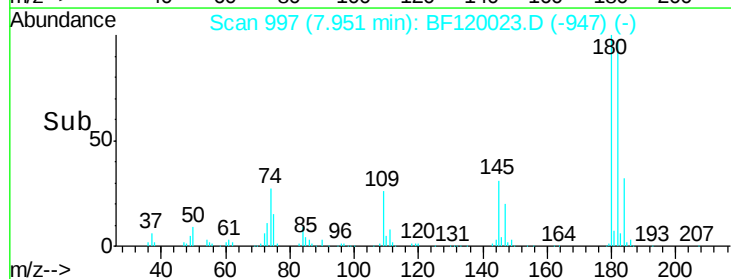
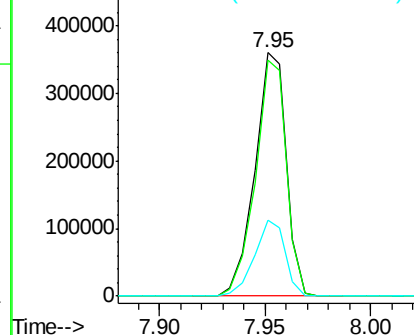


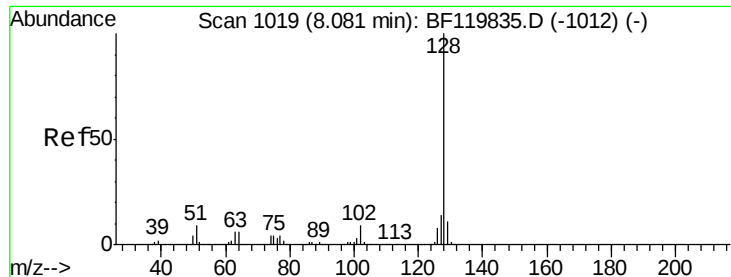
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

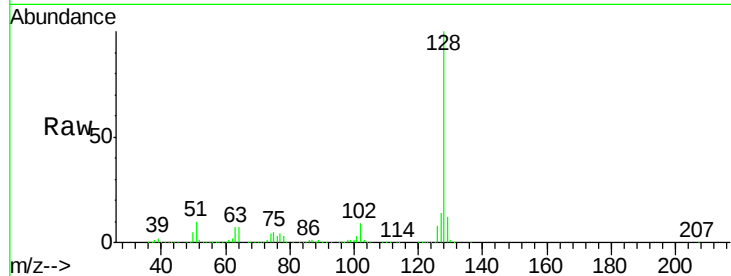




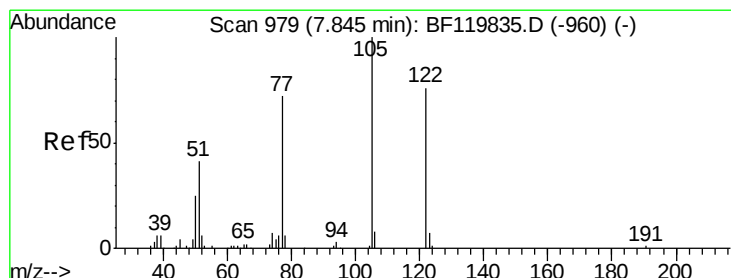
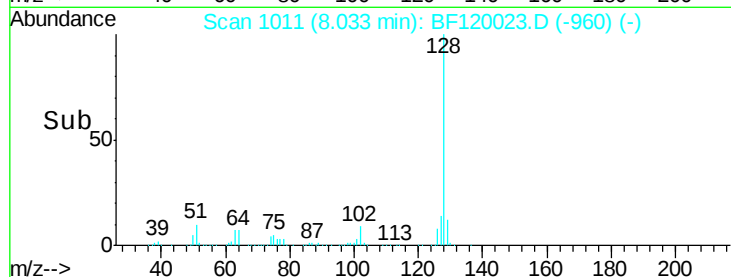
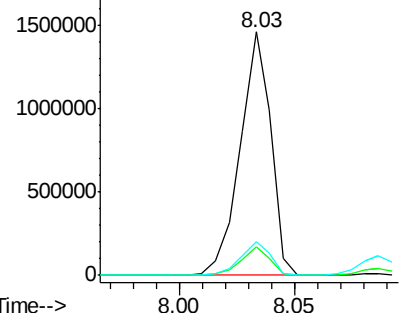
#31  
Naphthalene  
Concen: 42.371 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

Tot Ion:128 Resp: 1351280  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.6  
127 13.9 11.0 16.4

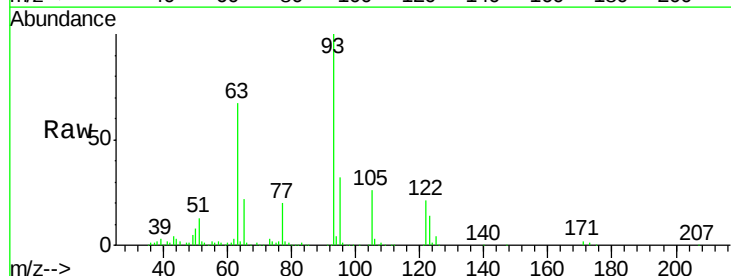


Abundance Ion 128.00 (127.70 to 128.70): E  
2000000 Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

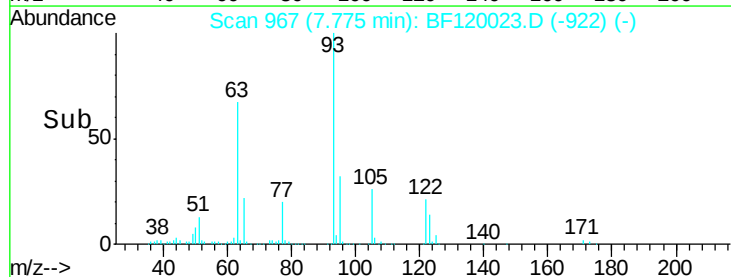
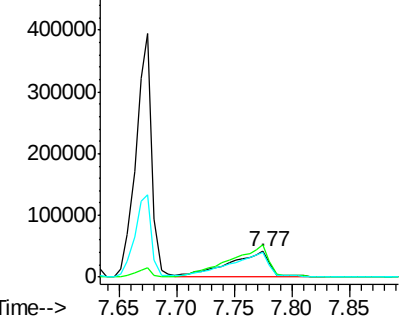


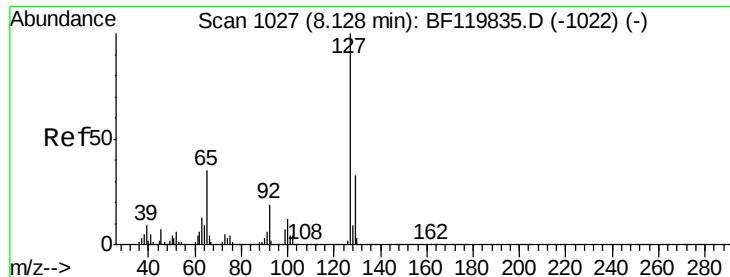
#32  
Benzoic acid  
Concen: 13.374 ng  
RT: 7.77 min Scan# 967  
Delta R.T. -0.04 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion:122 Resp: 104315  
Ion Ratio Lower Upper  
122 100  
105 124.2 106.7 146.7  
77 96.3 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E  
500000 Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

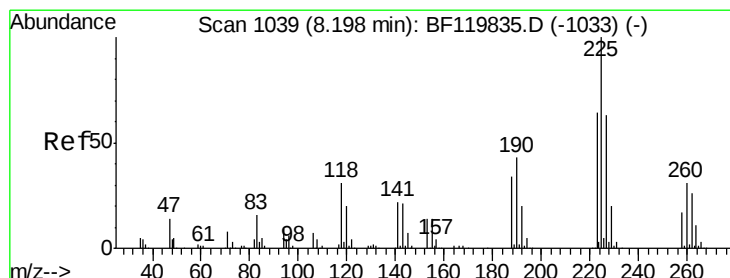
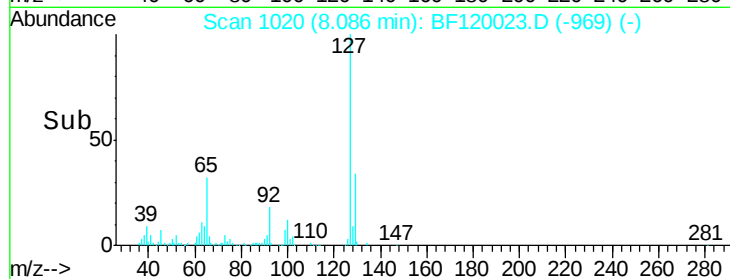
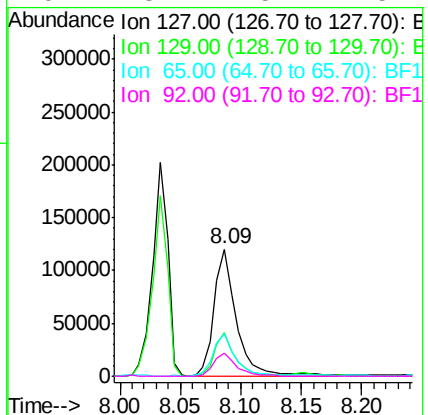
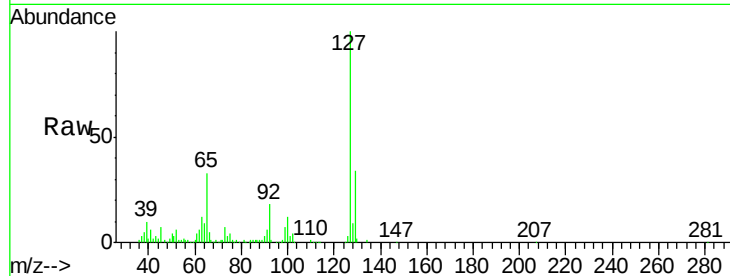




#33  
4-Chloroaniline  
Concen: 10.875 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

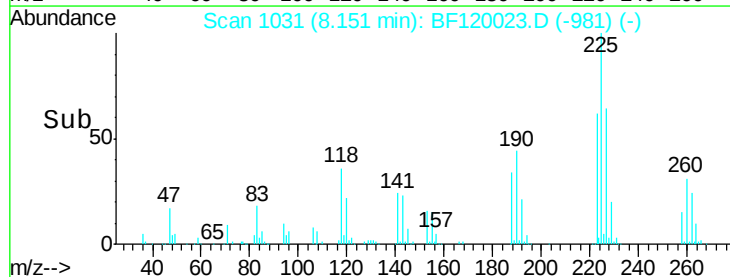
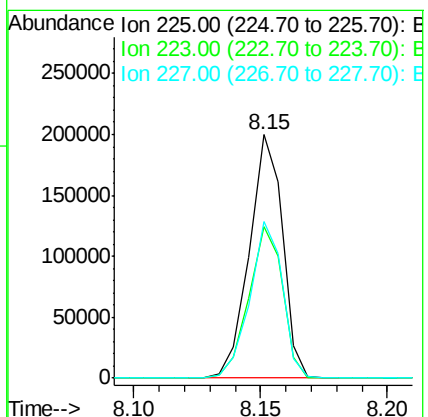
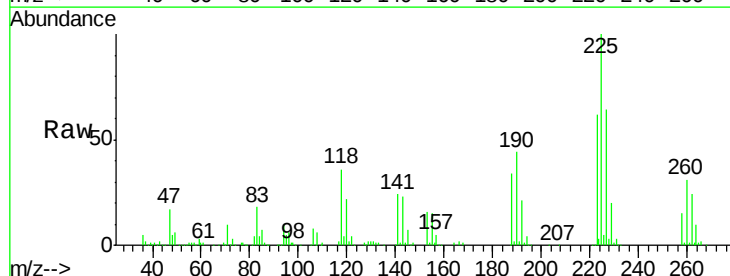
Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

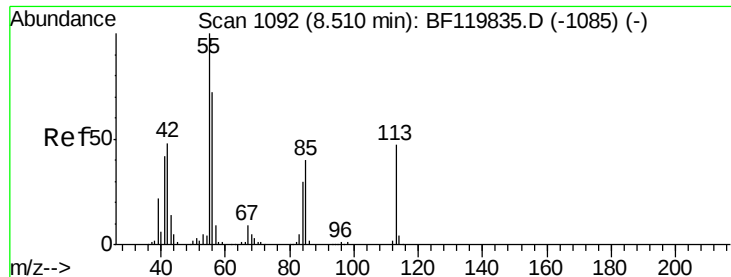
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 150989 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.1  | 26.2  | 39.2   |
| 65       | 33.0  | 28.3  | 42.5   |
| 92       | 18.1  | 15.4  | 23.2   |



#34  
Hexachlorobutadiene  
Concen: 29.573 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 182605 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 51.0  | 76.6   |
| 227      | 64.3  | 50.4  | 75.6   |

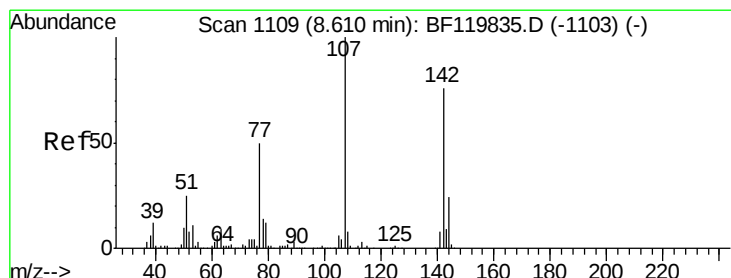
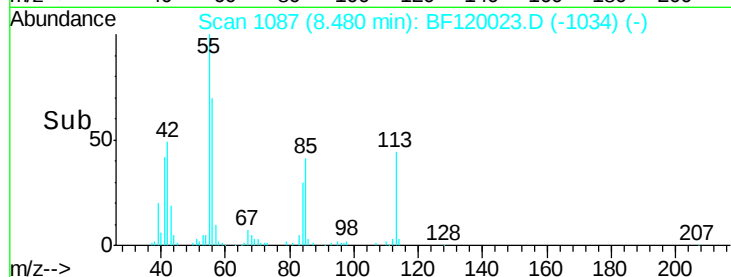
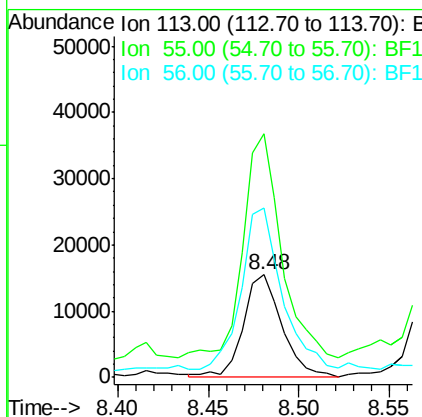
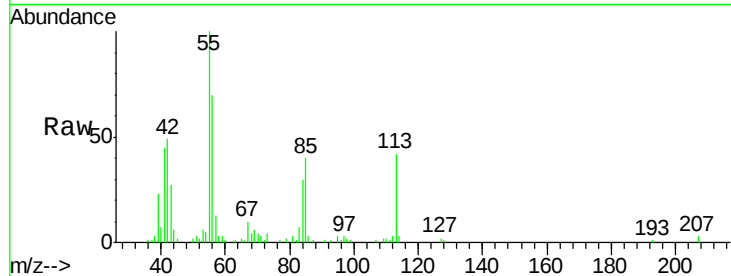




#35  
 Caprolactam  
 Concen: 8.263 ng  
 RT: 8.48 min Scan# 1087  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

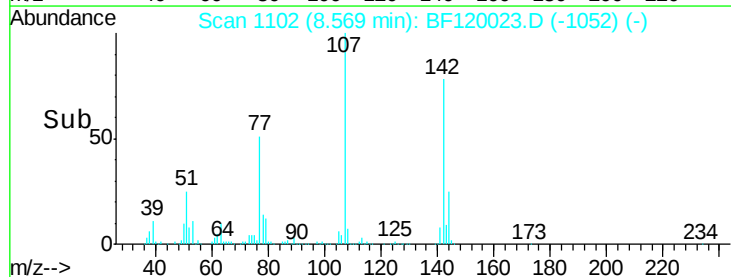
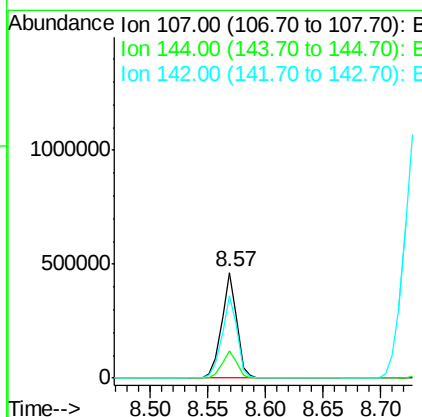
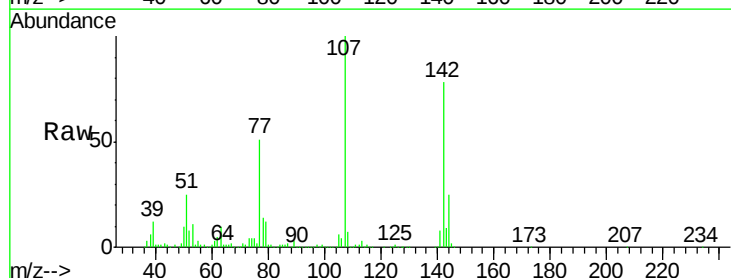
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

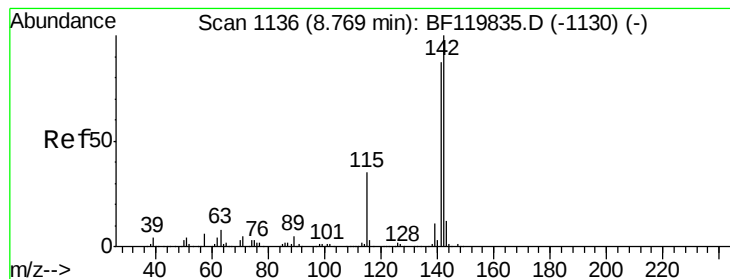
Tot Ion:113 Resp: 23011  
 Ion Ratio Lower Upper  
 113 100  
 55 238.0 192.7 232.7#  
 56 166.0 133.3 173.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.908 ng  
 RT: 8.57 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion:107 Resp: 422904  
 Ion Ratio Lower Upper  
 107 100  
 144 25.4 19.5 29.3  
 142 77.9 60.5 90.7





#37

2-Methylnaphthalene

Concen: 46.102 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

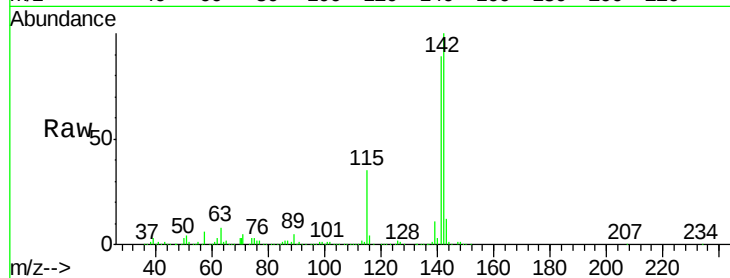
Tot Ion:142 Resp: 996796

Ion Ratio Lower Upper

142 100

141 88.9 69.9 104.9

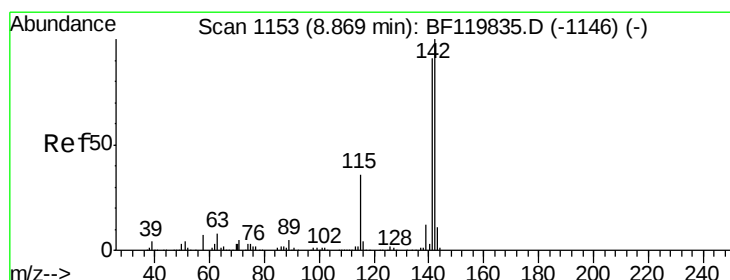
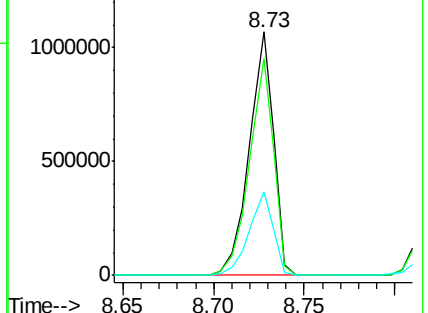
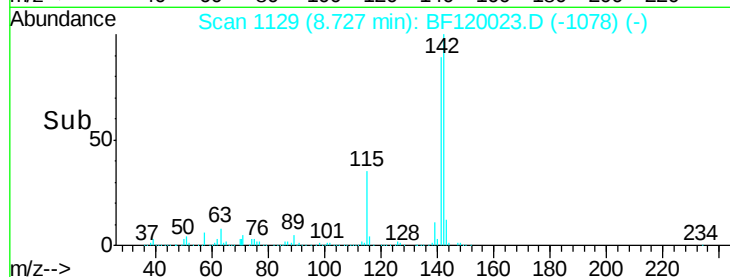
115 34.6 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.635 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

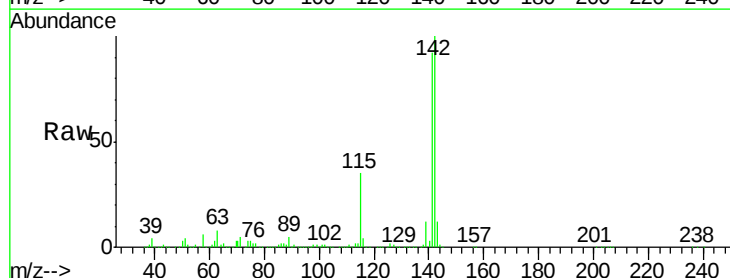
Tgt Ion:142 Resp: 950402

Ion Ratio Lower Upper

142 100

141 92.3 72.9 109.3

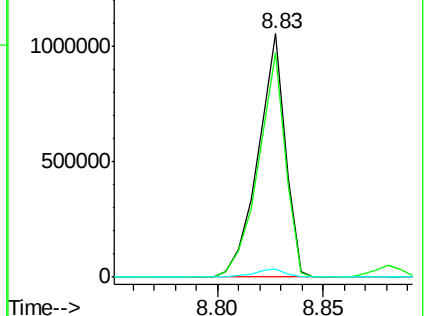
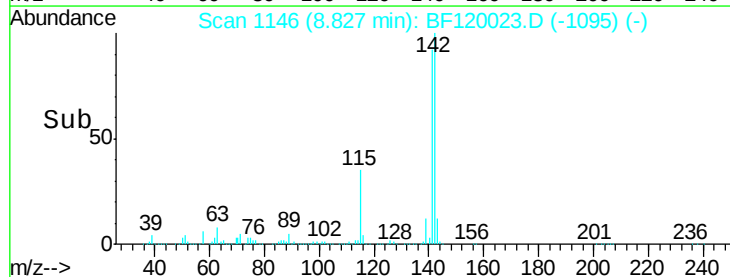
116 3.5 3.0 4.6

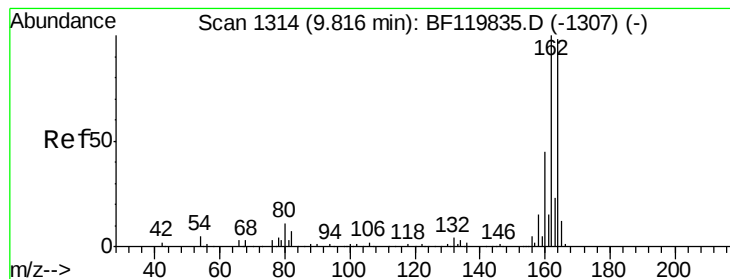


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

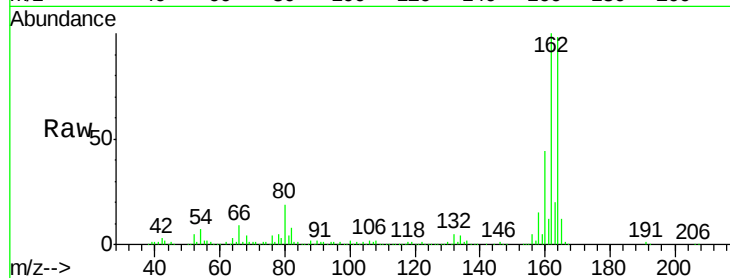
Tot Ion:164 Resp: 318148

Ion Ratio Lower Upper

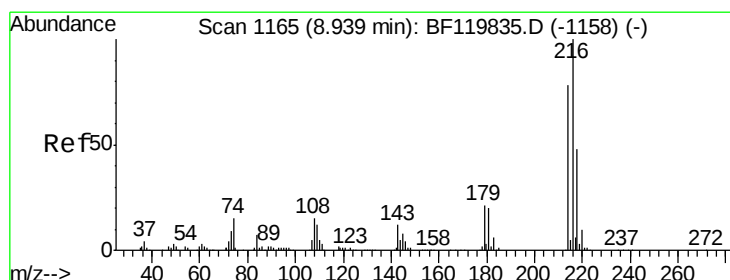
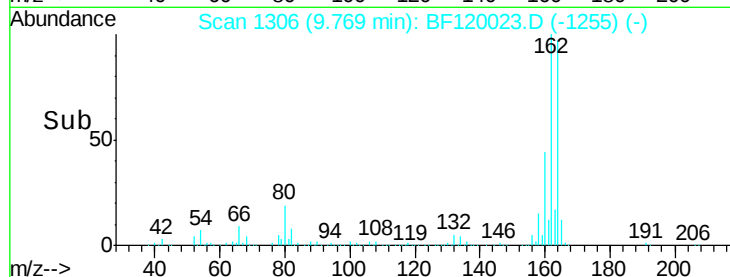
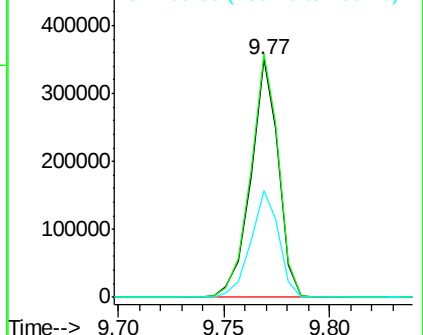
164 100

162 102.3 81.9 122.9

160 45.0 36.6 54.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.535 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:216 Resp: 447511

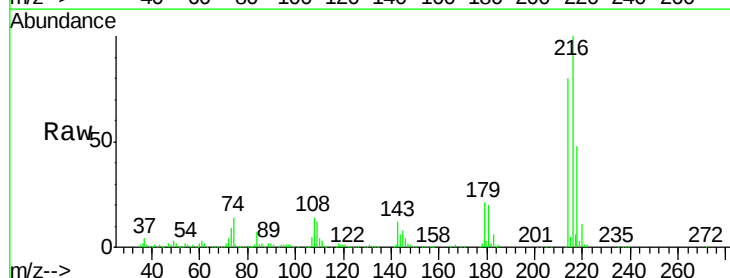
Ion Ratio Lower Upper

216 100

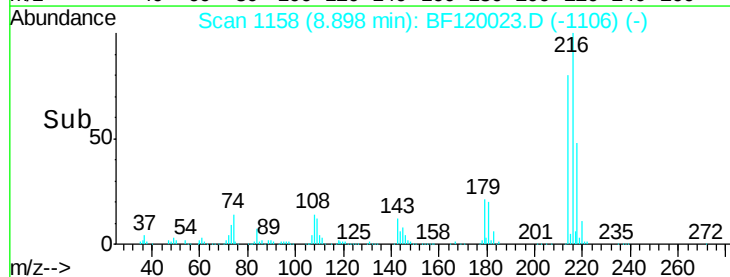
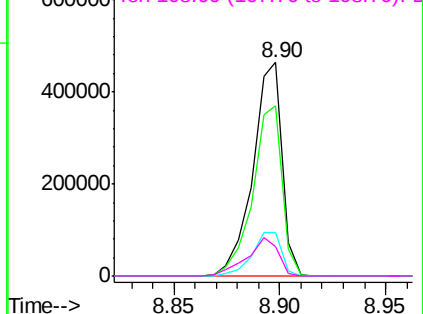
214 79.8 63.1 94.7

179 21.3 17.0 25.4

108 19.5 14.8 22.2



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





#41

Hexachlorocyclopentadiene

Concen: 69.171 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

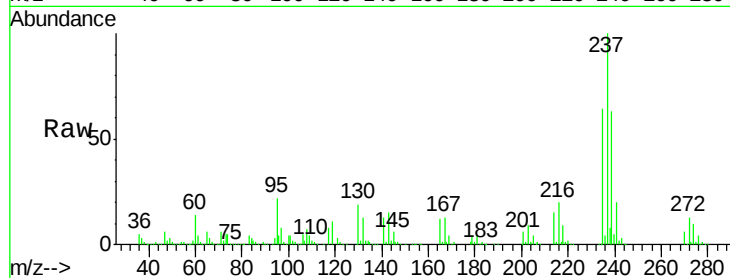
Tot Ion:237 Resp: 395240

Ion Ratio Lower Upper

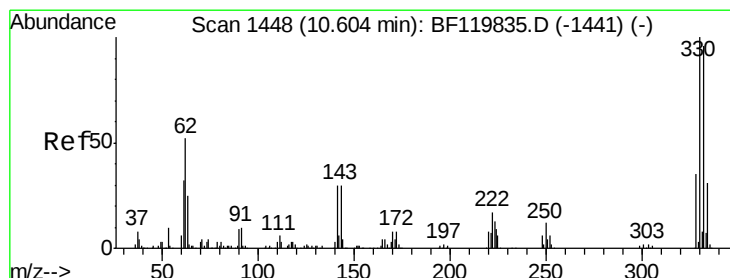
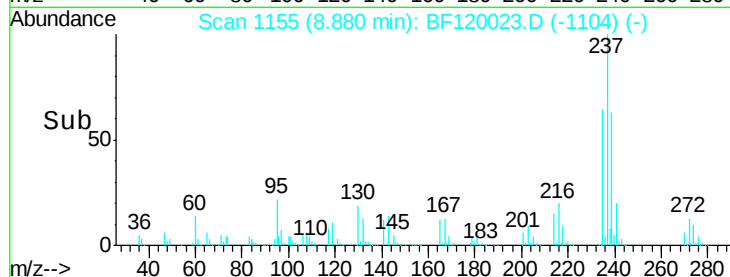
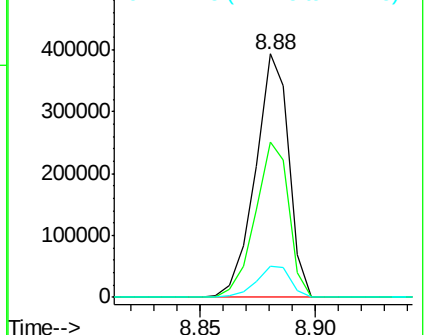
237 100

235 63.5 44.9 84.9

272 12.8 0.0 33.6



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: 79.965 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

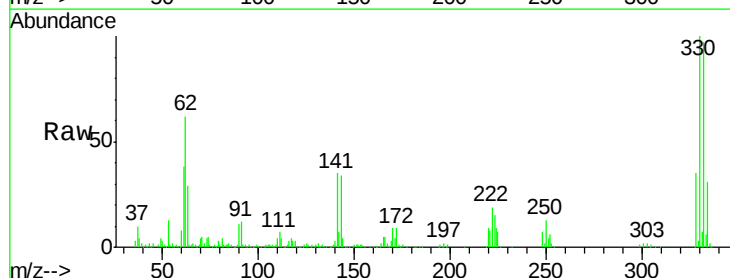
Tgt Ion:330 Resp: 311482

Ion Ratio Lower Upper

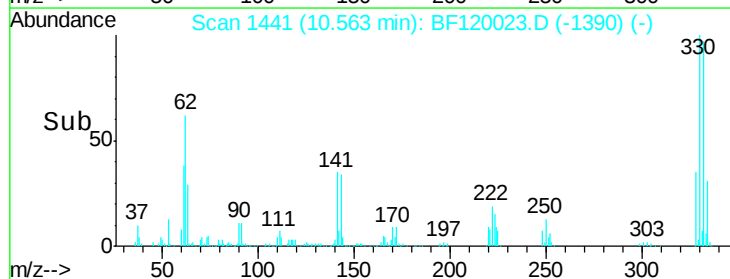
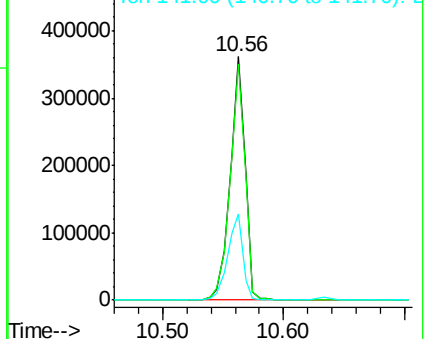
330 100

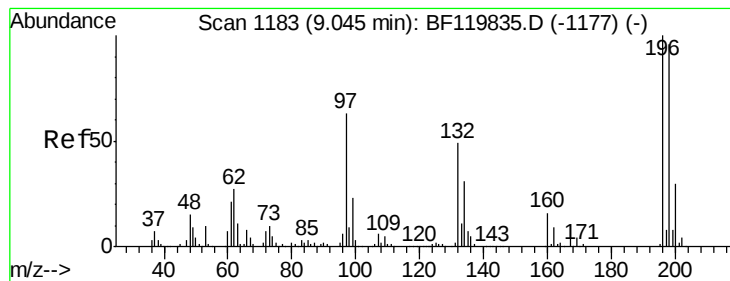
332 97.8 76.8 115.2

141 35.7 25.1 37.7



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: 46.352 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

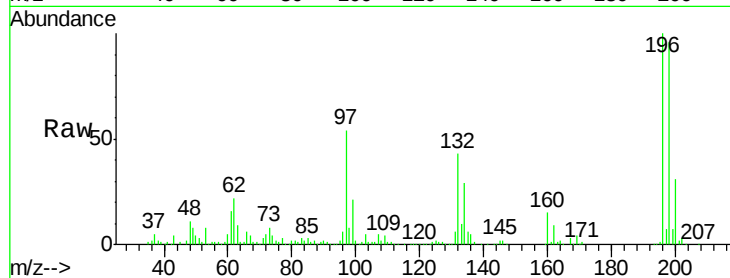
Tot Ion:196 Resp: 321630

Ion Ratio Lower Upper

196 100

198 95.5 76.6 115.0

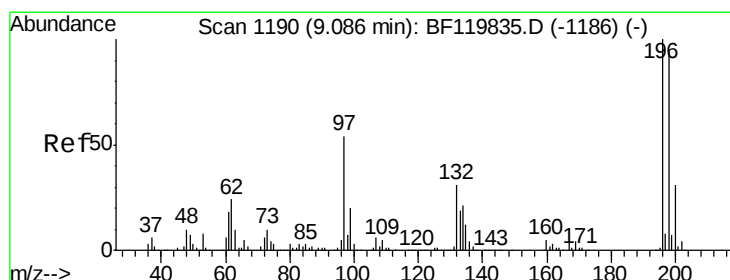
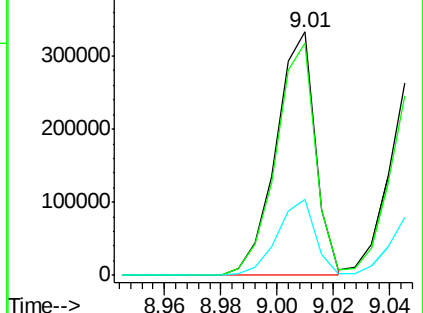
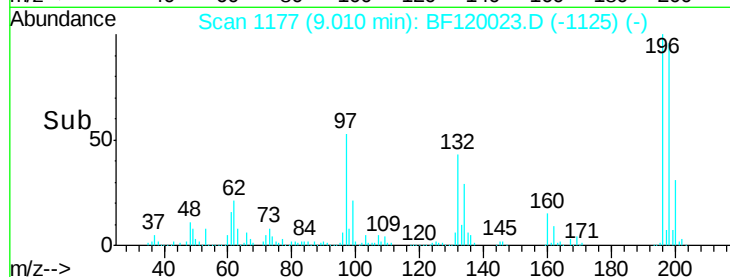
200 31.0 24.2 36.2



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: 43.443 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:196 Resp: 339519

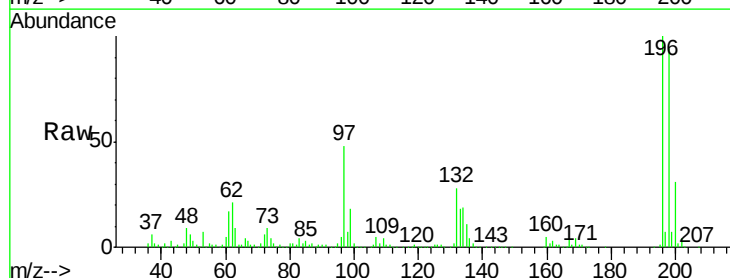
Ion Ratio Lower Upper

196 100

198 94.2 75.1 112.7

97 47.8 43.4 65.2

132 28.2 24.5 36.7

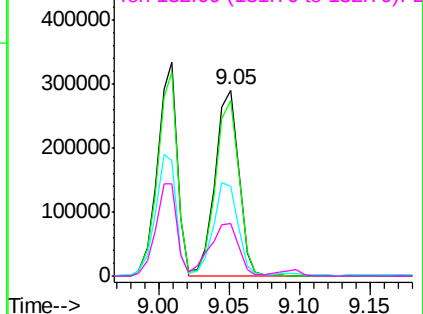
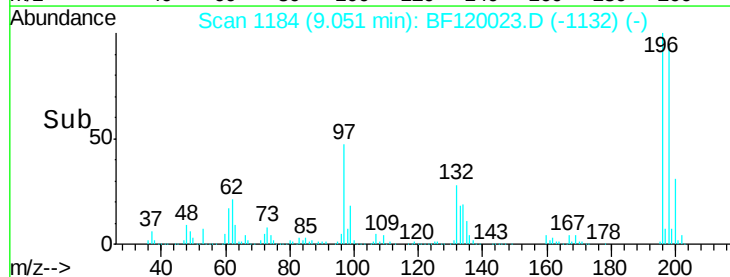


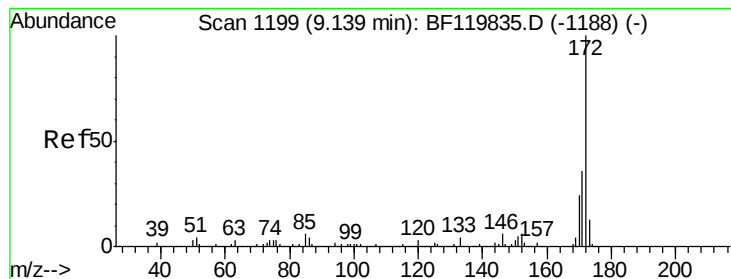
Abundance Ion 196.00 (195.70 to 196.70): E

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: 97.509 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

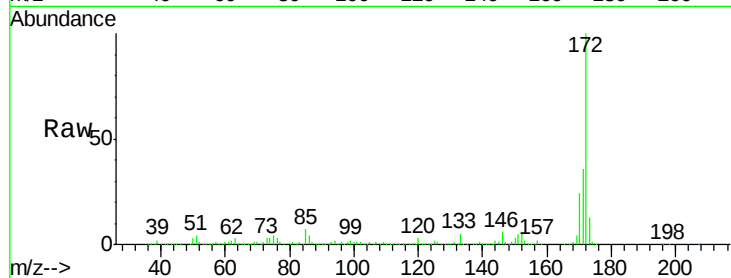
Tot Ion:172 Resp: 2185003

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

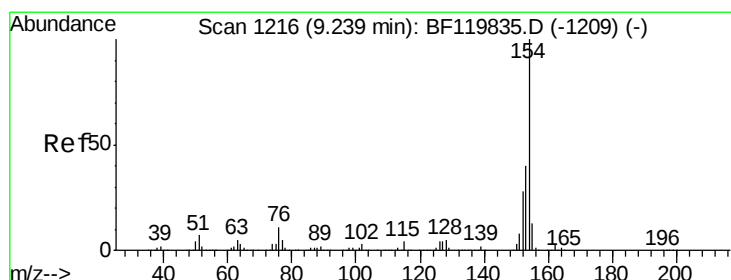
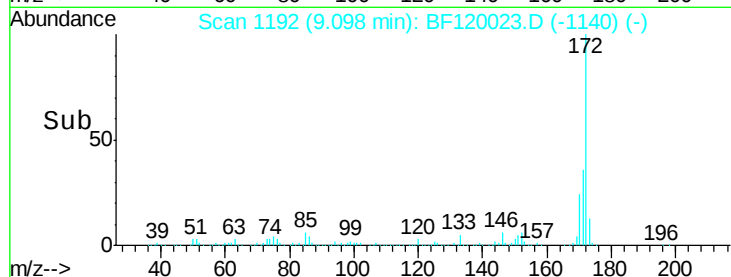
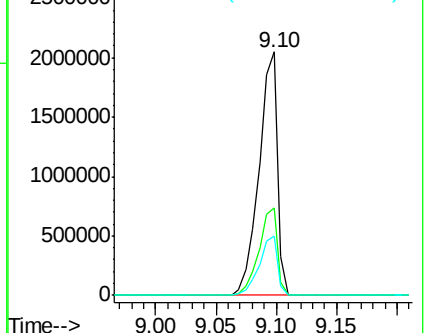
170 24.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.767 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

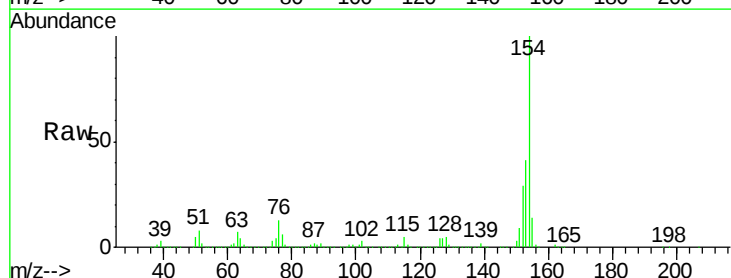
Tgt Ion:154 Resp: 1282700

Ion Ratio Lower Upper

154 100

153 41.3 20.5 60.5

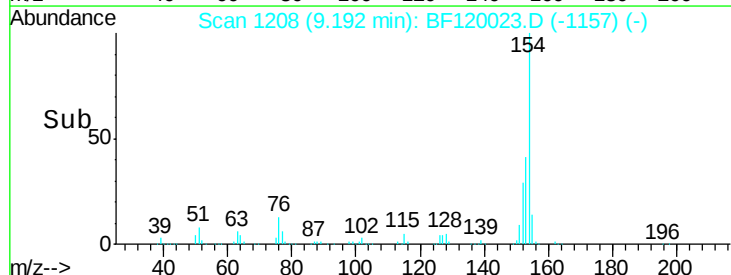
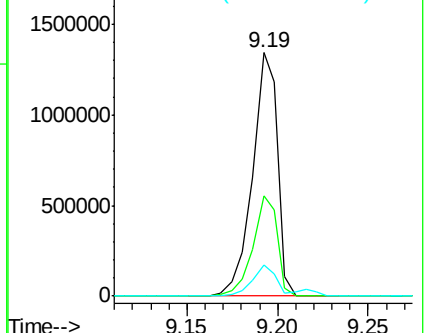
76 12.8 0.0 30.6

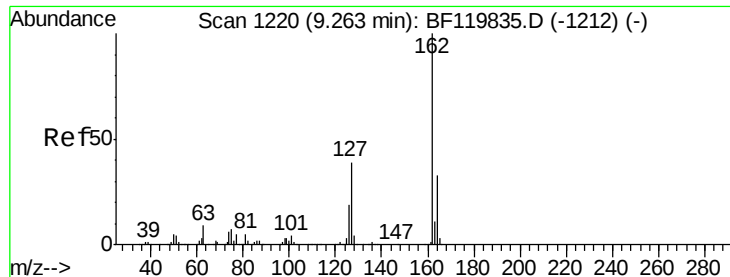


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

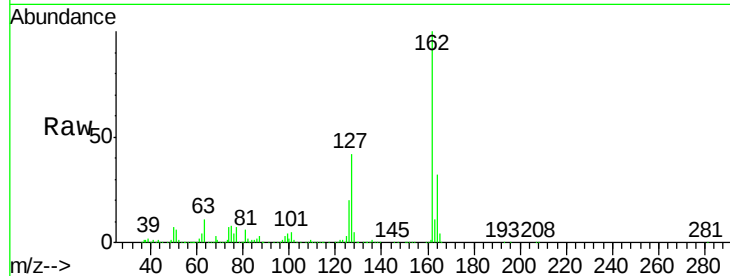




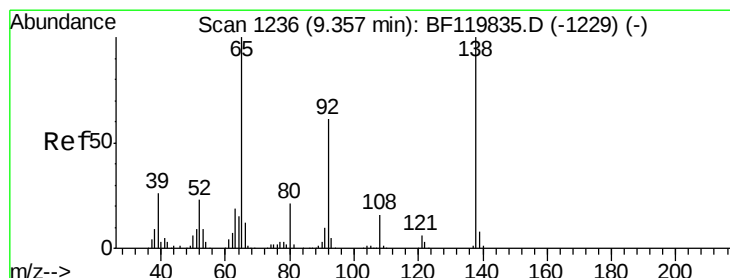
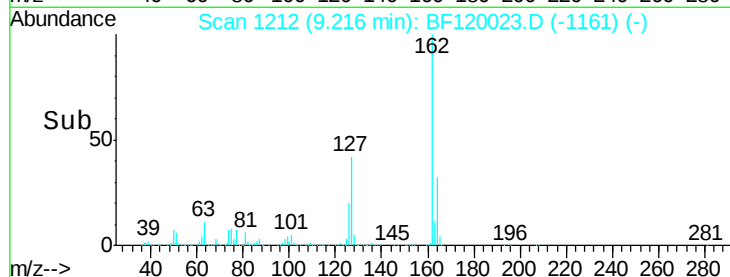
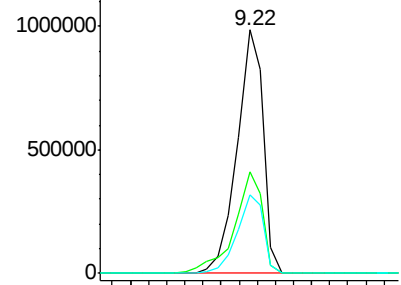
#47  
 2-Chloronaphthalene  
 Concen: 47.693 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.7  | 31.2  | 46.8  |
| 164     | 32.1  | 26.3  | 39.5  |

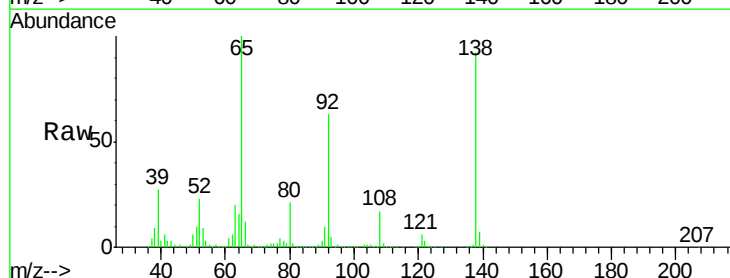


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

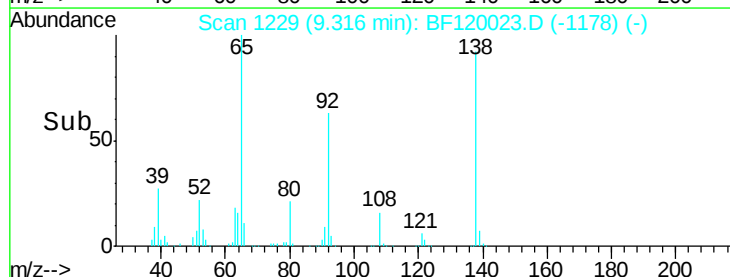
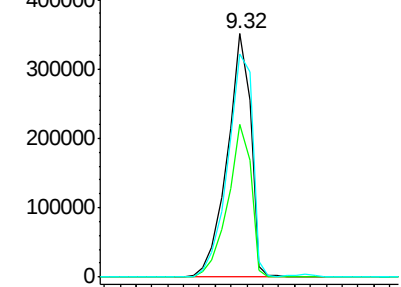


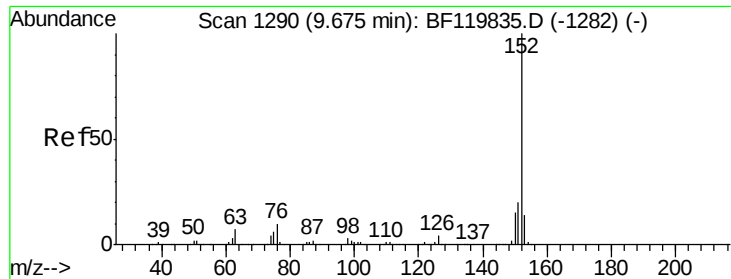
#48  
 2-Nitroaniline  
 Concen: 47.649 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.6  | 49.0  | 73.6  |
| 138     | 91.8  | 79.7  | 119.5 |



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: 48.542 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

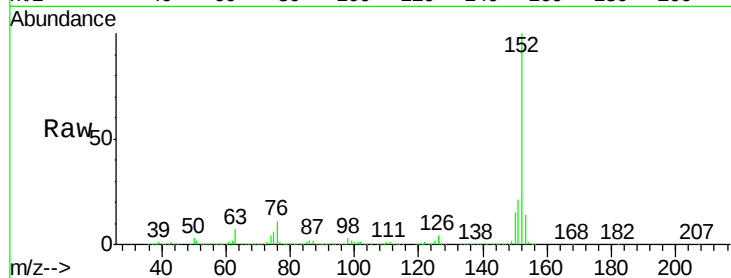
Tot Ion:152 Resp: 1527155

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

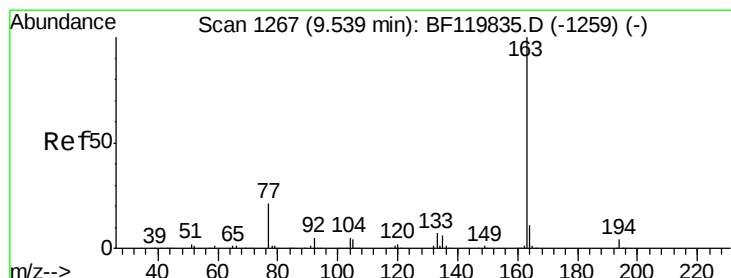
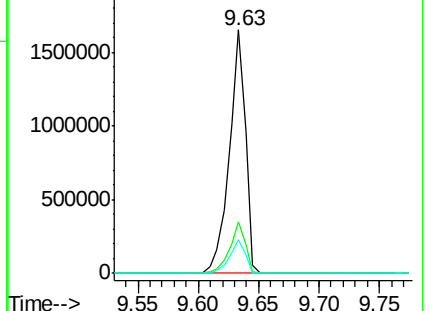
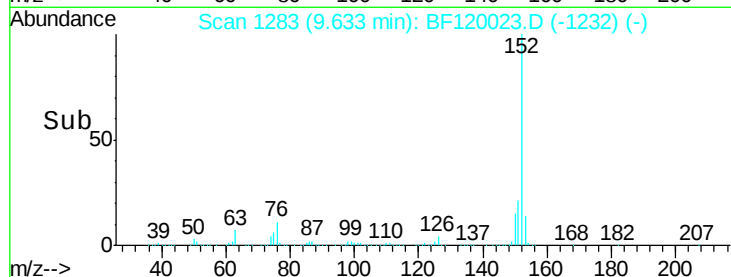
153 13.9 10.9 16.3



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: 52.767 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

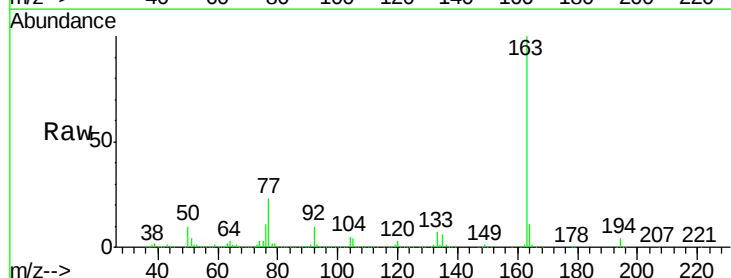
Tgt Ion:163 Resp: 1298516

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

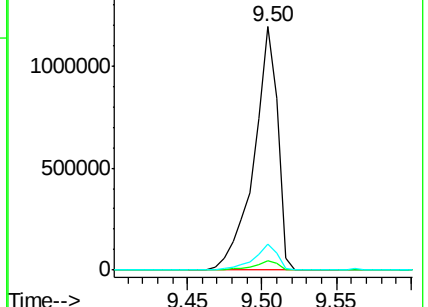
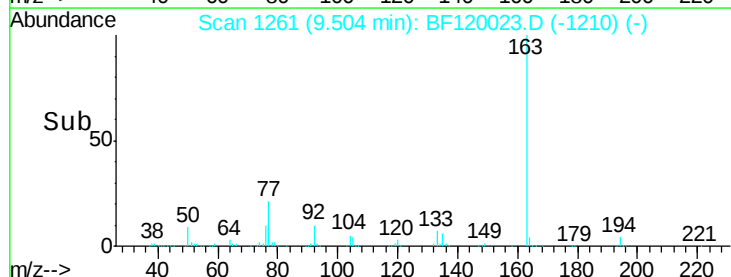
164 10.5 8.4 12.6

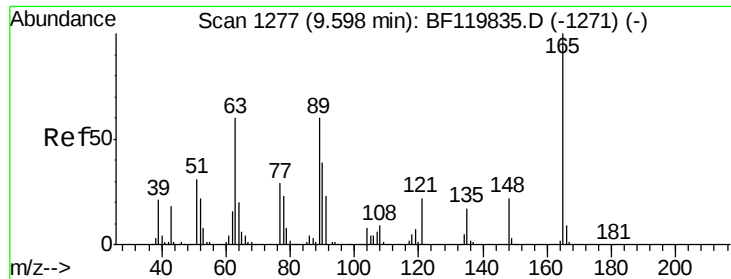


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

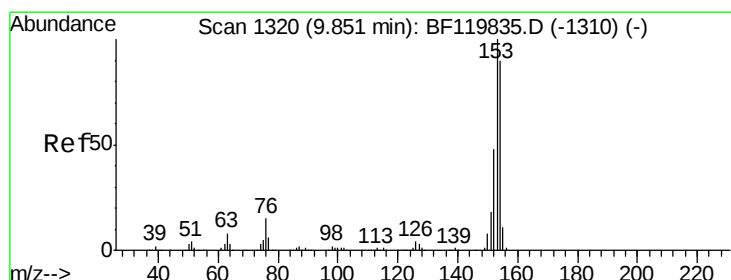
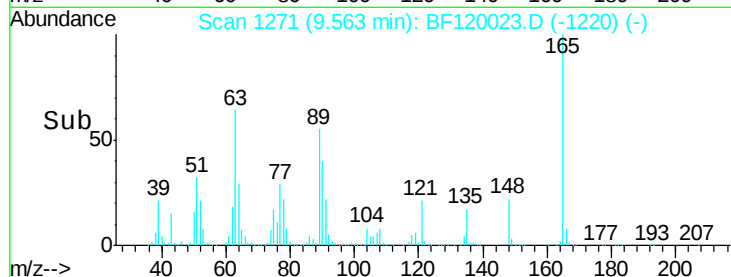
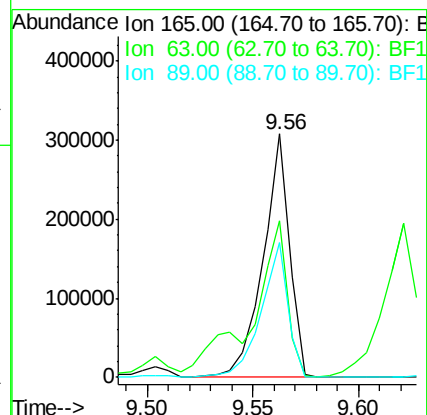
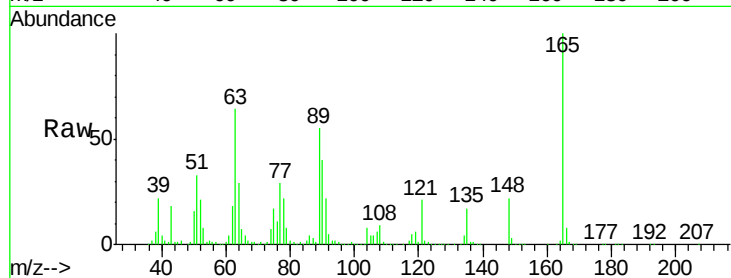




#51  
 2,6-Dinitrotoluene  
 Concen: 49.769 ng  
 RT: 9.56 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

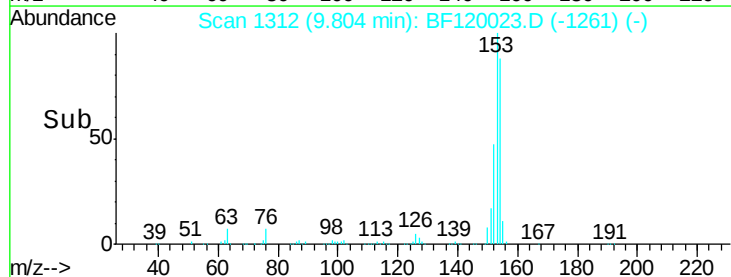
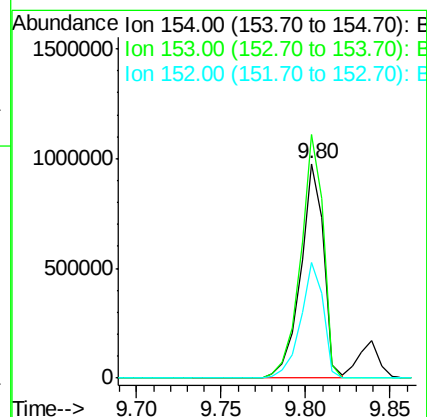
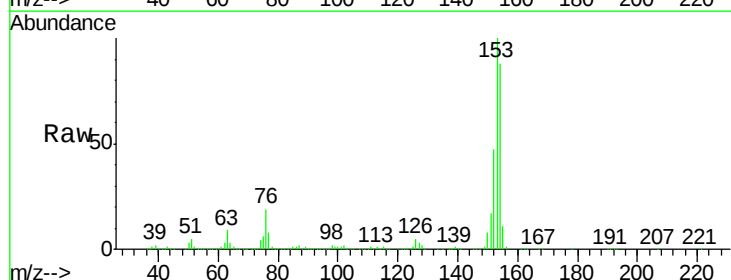
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

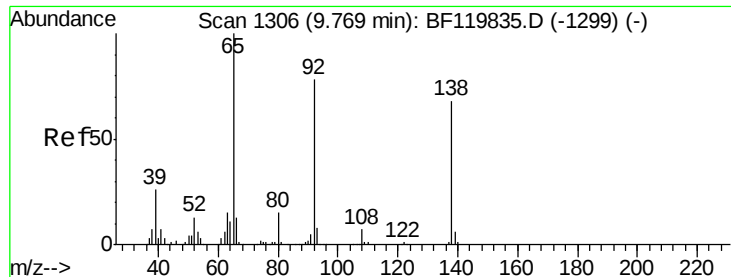
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 64.4  | 55.6  | 83.4  |
| 89      | 55.2  | 47.9  | 71.9  |



#52  
 Acenaphthene  
 Concen: 44.085 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.4 | 88.8  | 133.2 |
| 152     | 53.8  | 42.4  | 63.6  |





#53

3-Nitroaniline

Concen: 17.311 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

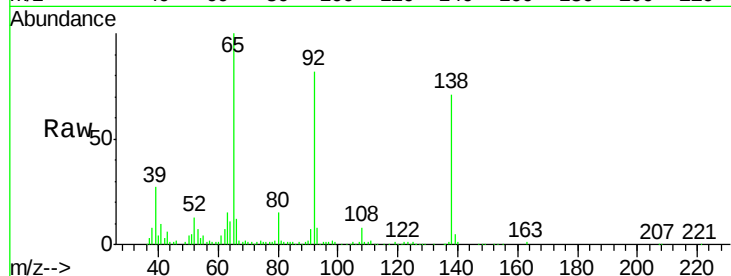
Tot Ion:138 Resp: 106542

Ion Ratio Lower Upper

138 100

108 11.2 8.0 12.0

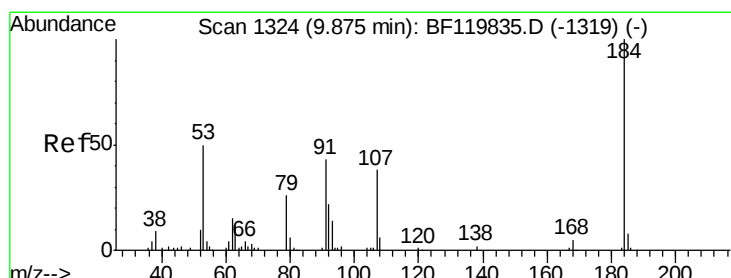
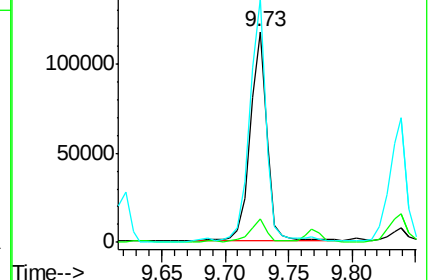
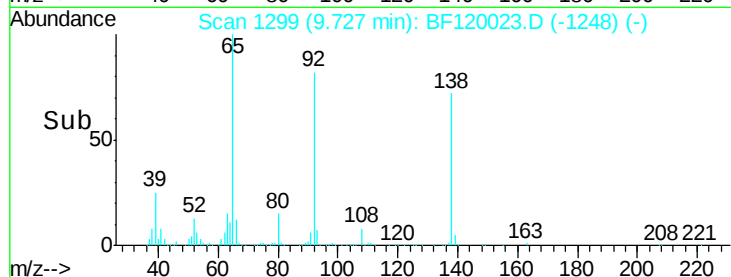
92 115.4 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 79.439 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

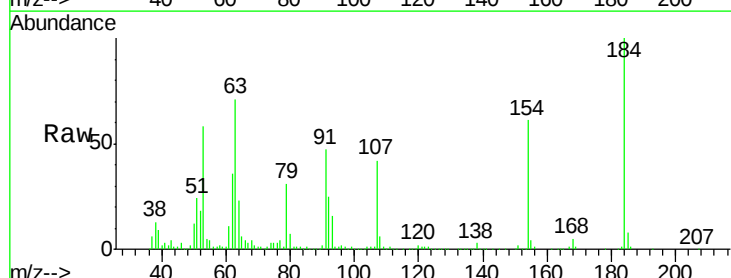
Tgt Ion:184 Resp: 256293

Ion Ratio Lower Upper

184 100

63 70.9 49.8 74.6

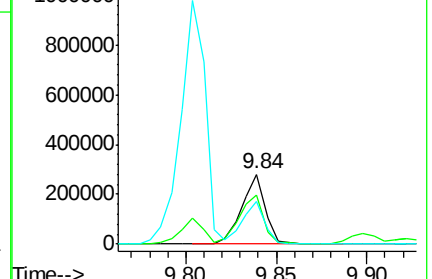
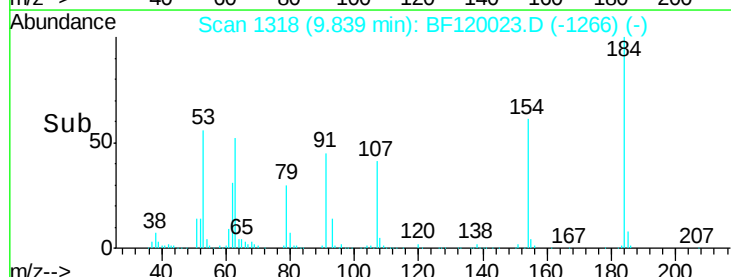
154 61.0 46.5 69.7

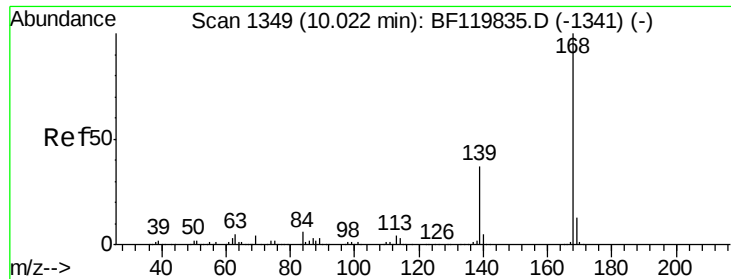


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

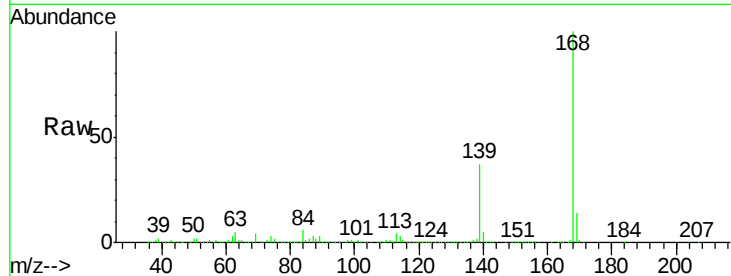




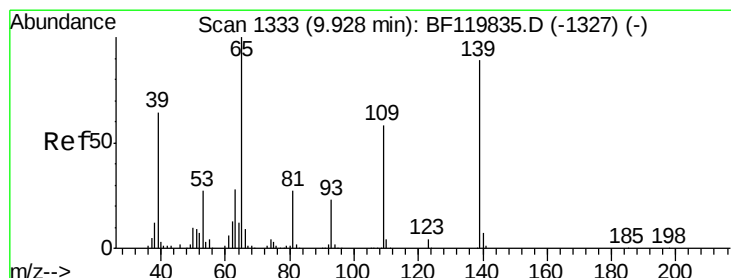
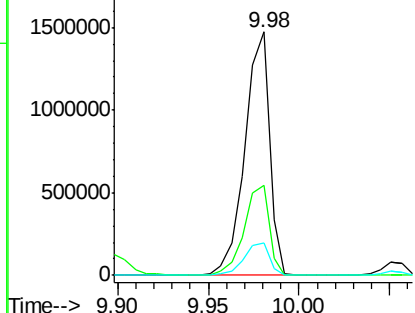
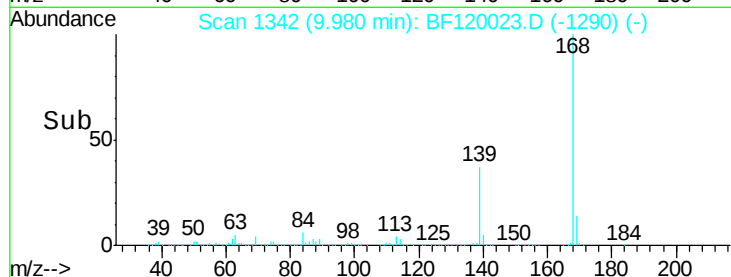
#55  
Dibenzofuran  
Concen: 48.468 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

Tot Ion:168 Resp: 1395804  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.6  
169 13.6 10.6 15.8

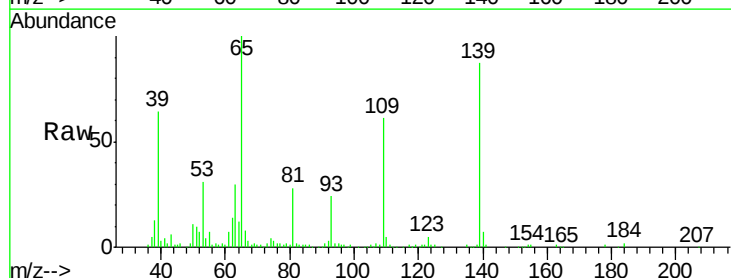


Abundance Ion 168.00 (167.70 to 168.70): E  
2000000  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

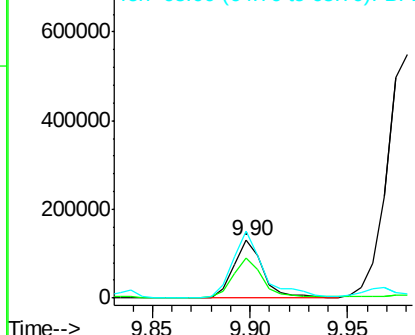
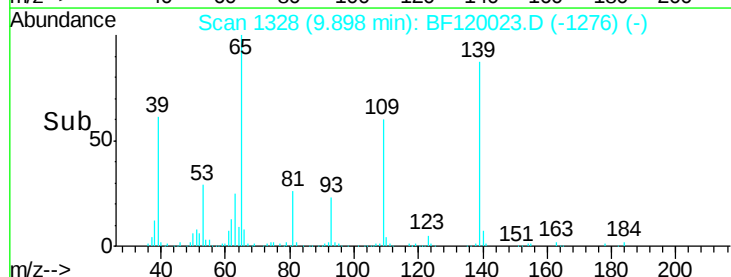


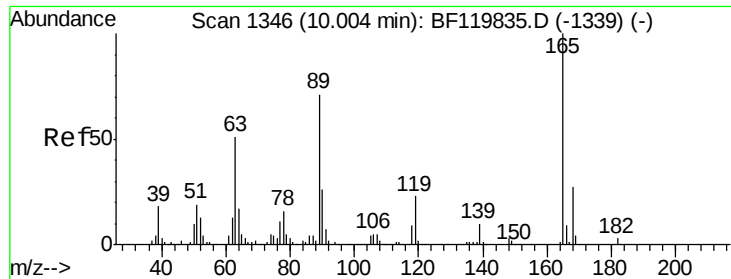
#56  
4-Nitrophenol  
Concen: 29.651 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion:139 Resp: 135779  
Ion Ratio Lower Upper  
139 100  
109 70.1 45.5 85.5  
65 115.5 92.3 132.3



Abundance Ion 139.00 (138.70 to 139.70): E  
600000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

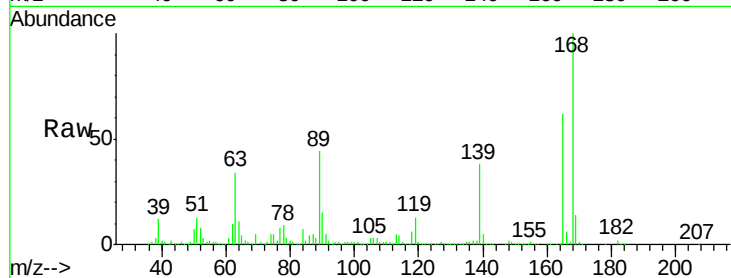




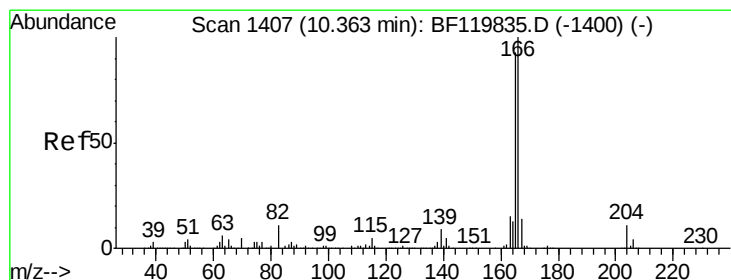
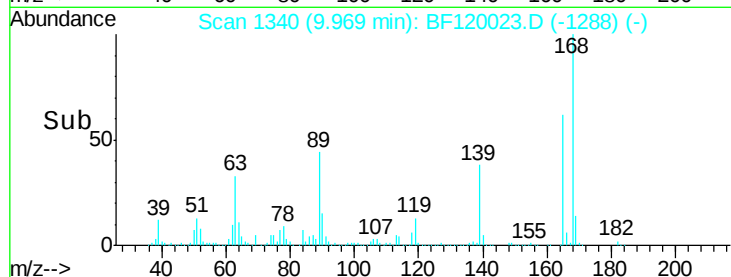
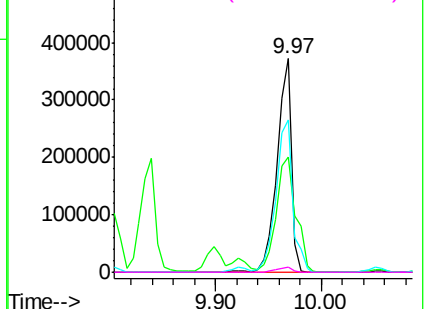
#57  
 2,4-Dinitrotoluene  
 Concen: 48.515 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

Tot Ion:165 Resp: 344446  
 Ion Ratio Lower Upper  
 165 100  
 63 54.1 40.8 61.2  
 89 71.6 56.9 85.3  
 182 2.5 2.0 3.0

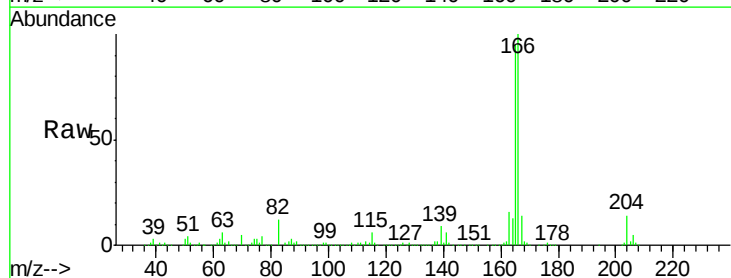


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

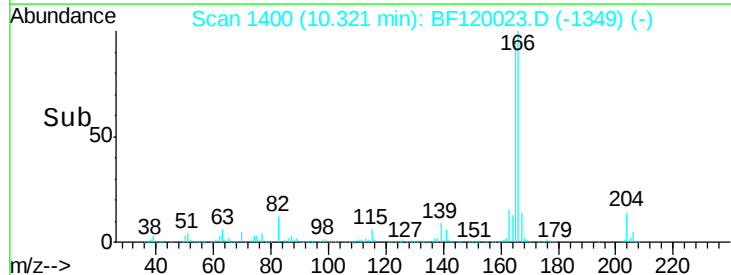
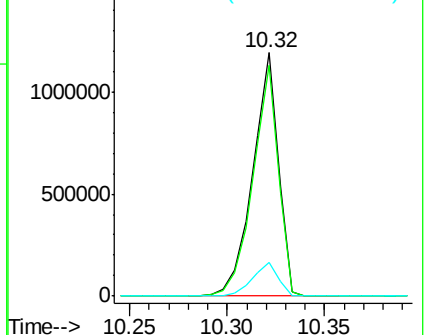


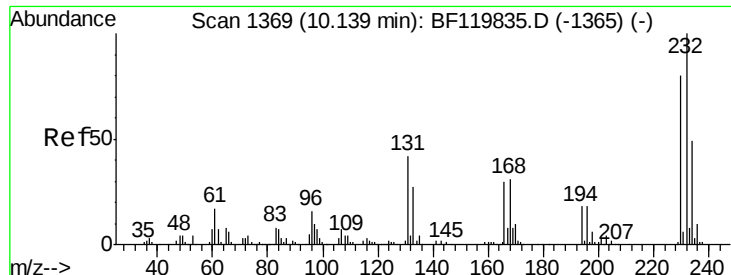
#58  
 Fluorene  
 Concen: 47.081 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion:166 Resp: 1084337  
 Ion Ratio Lower Upper  
 166 100  
 165 94.8 74.2 111.2  
 167 13.6 10.8 16.2



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

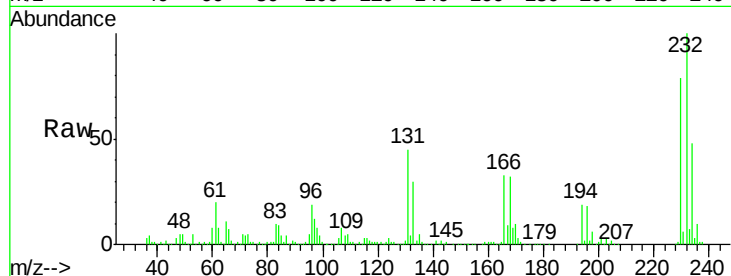




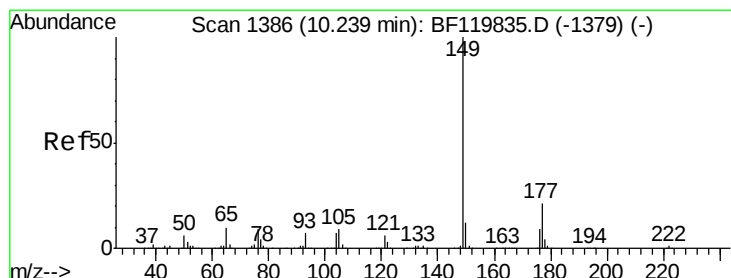
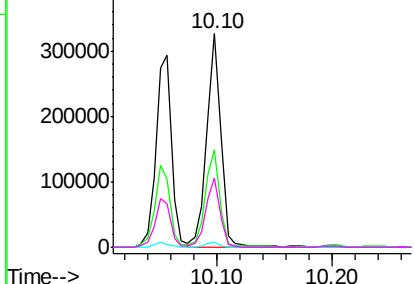
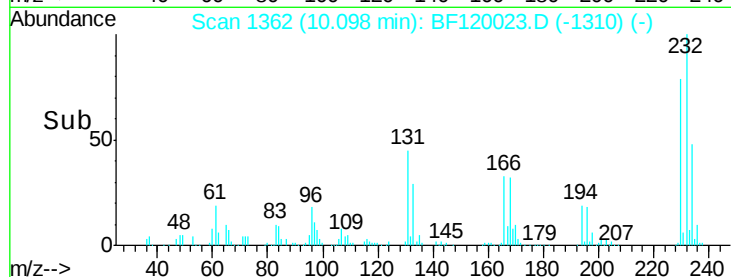
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.723 ng  
 RT: 10.10 min Scan# 1362  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

Tot Ion:232 Resp: 279277  
 Ion Ratio Lower Upper  
 232 100  
 131 45.7 37.9 56.9  
 130 2.3 1.8 2.6  
 166 32.2 25.4 38.0

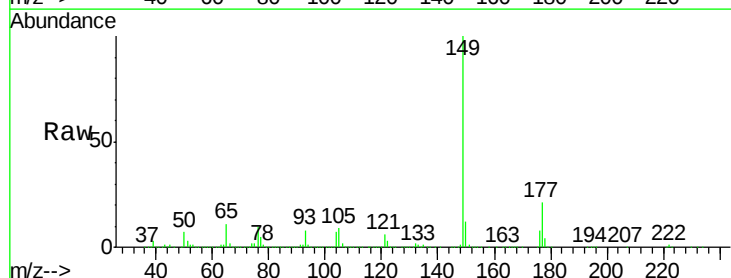


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

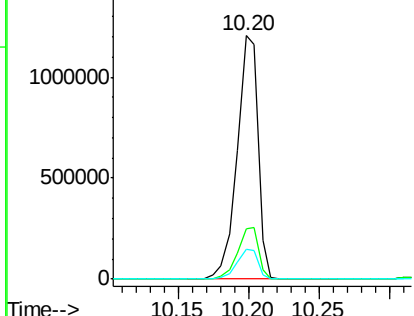
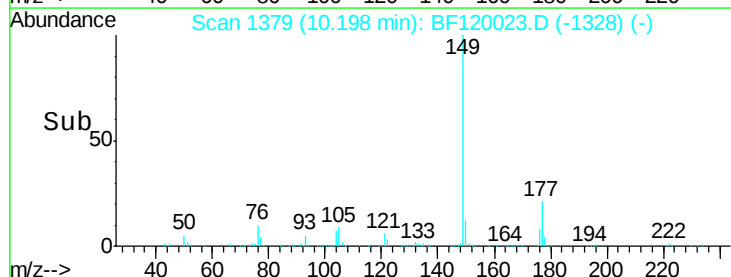


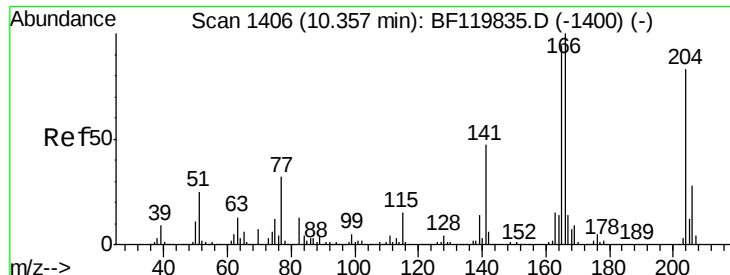
#60  
 Diethylphthalate  
 Concen: 48.821 ng  
 RT: 10.20 min Scan# 1379  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion:149 Resp: 1245165  
 Ion Ratio Lower Upper  
 149 100  
 177 20.9 16.8 25.2  
 150 12.3 9.8 14.6



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

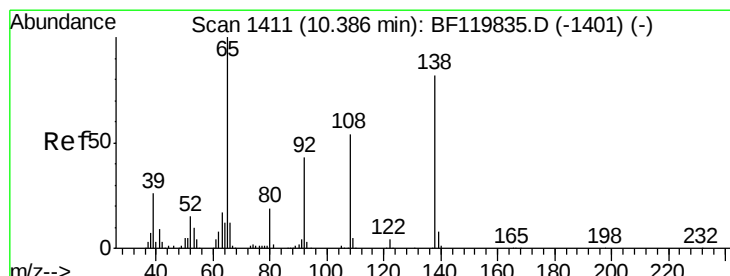
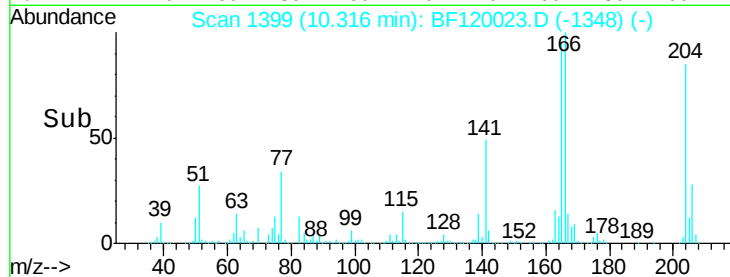
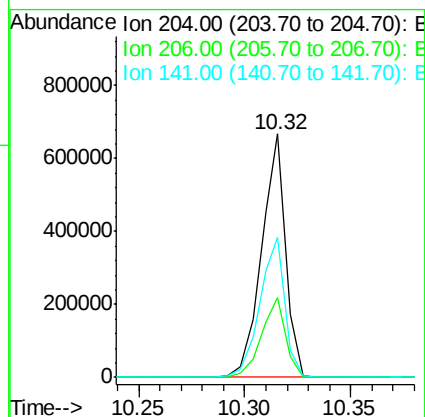
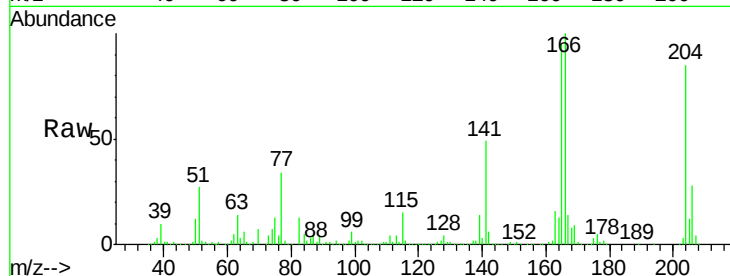




#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.687 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

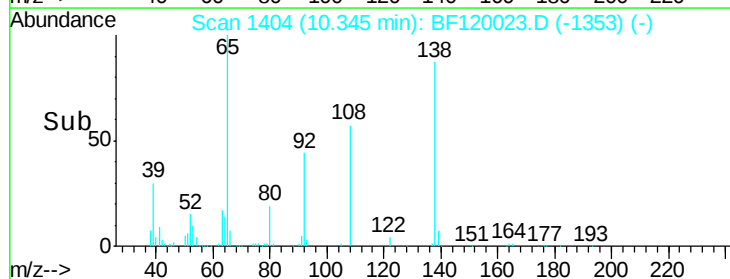
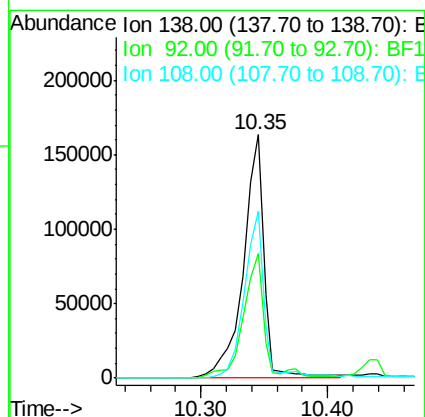
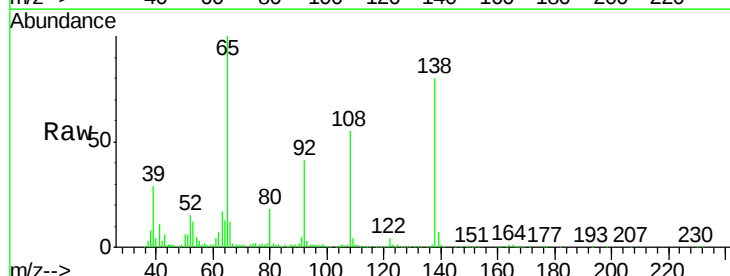
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

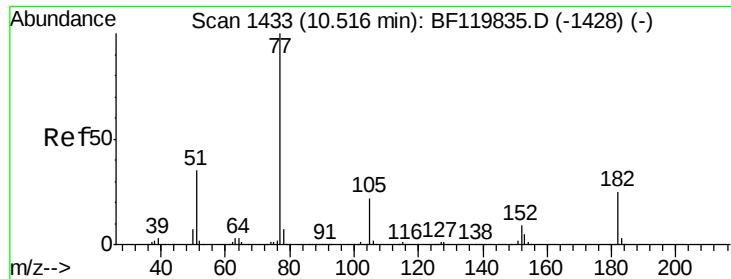
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 527505 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.0  | 26.7  | 40.1   |
| 141      | 57.4  | 45.8  | 68.8   |



#62  
 4-Nitroaniline  
 Concen: 31.125 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 182555 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 51.0  | 31.6  | 71.6   |
| 108      | 68.7  | 45.2  | 85.2   |





#63

Azobenzene

Concen: 49.308 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

Tot Ion: 77 Resp: 1127042

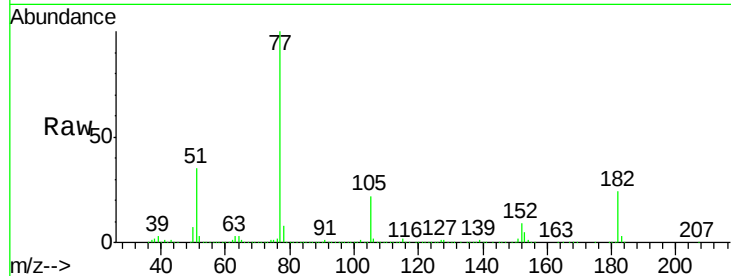
Ion Ratio Lower Upper

77 100

182 23.6 4.5 44.5

105 22.1 2.2 42.2

51 35.1 15.1 55.1

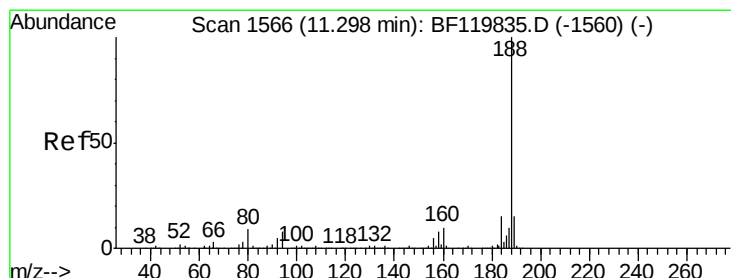
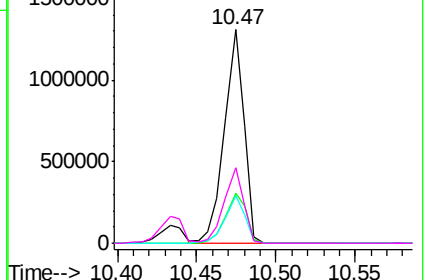
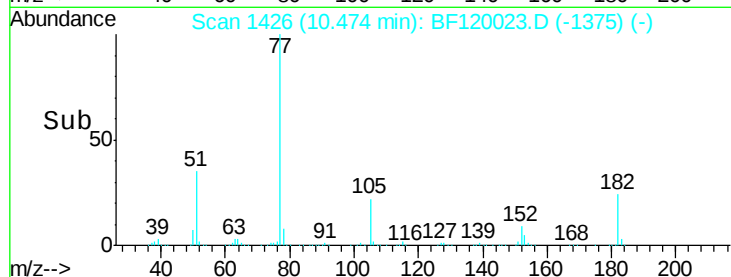


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

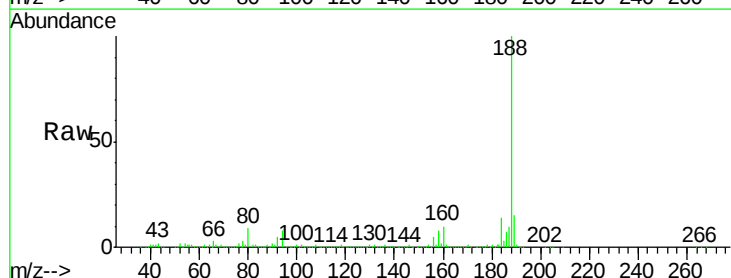
Tgt Ion: 188 Resp: 551454

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

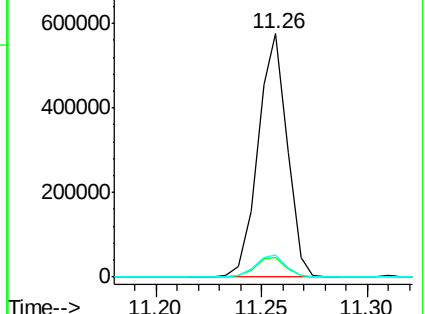
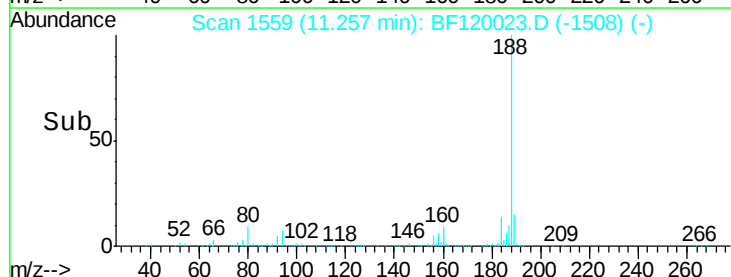
80 9.2 7.4 11.2

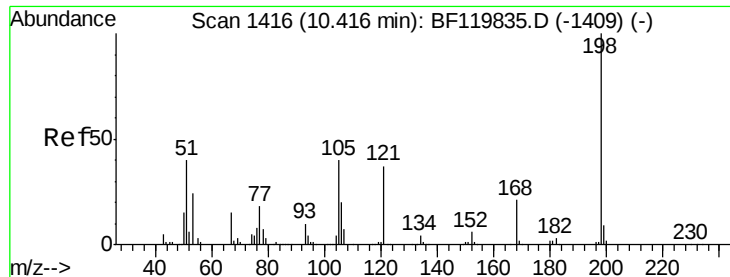


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

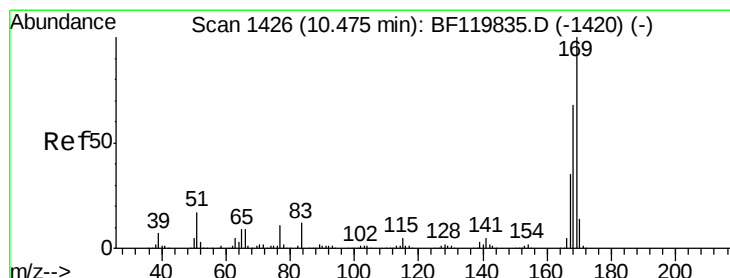
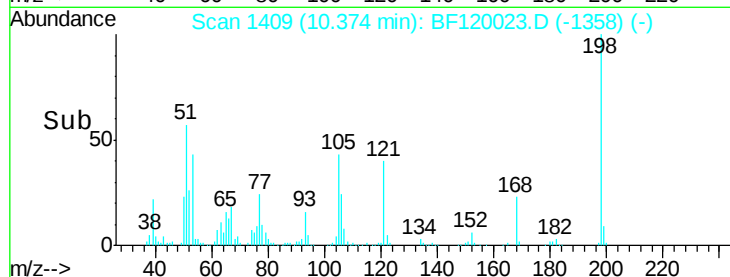
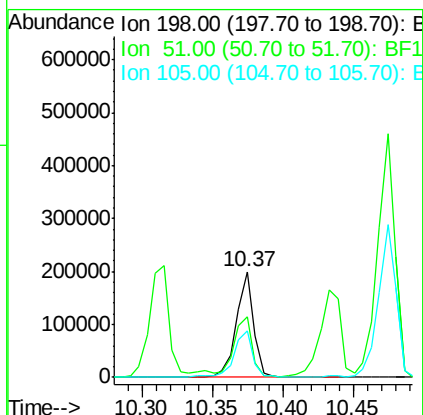
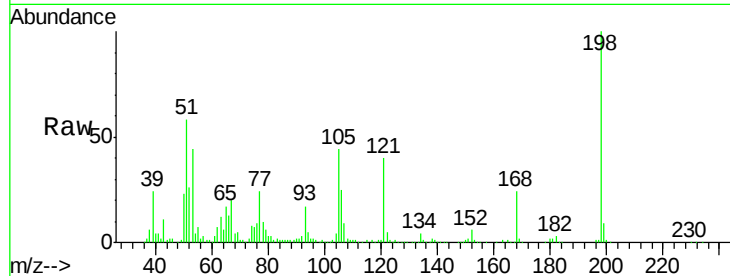




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 46.870 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

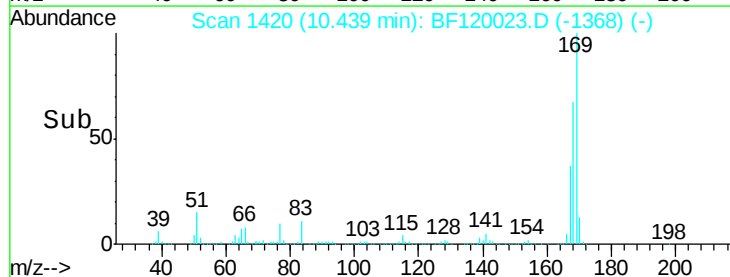
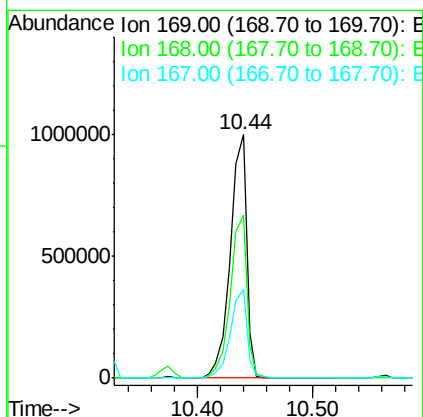
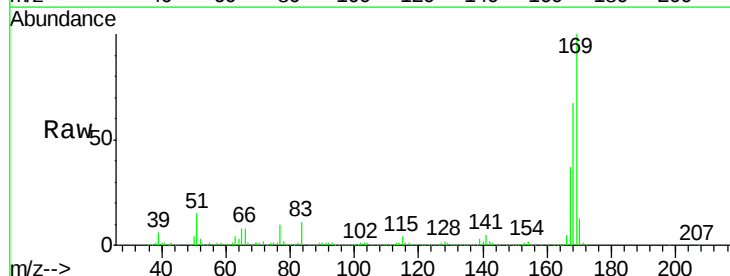
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

Tot Ion:198 Resp: 170281  
 Ion Ratio Lower Upper  
 198 100  
 51 57.7 25.2 65.2  
 105 43.8 20.8 60.8



#66  
 n-Nitrosodiphenylamine  
 Concen: 53.681 ng  
 RT: 10.44 min Scan# 1420  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion:169 Resp: 984501  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 54.2 81.4  
 167 36.6 28.3 42.5

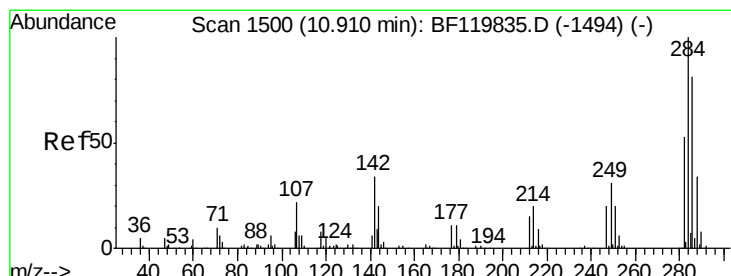
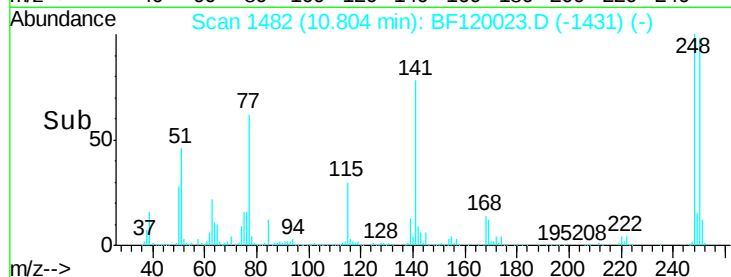
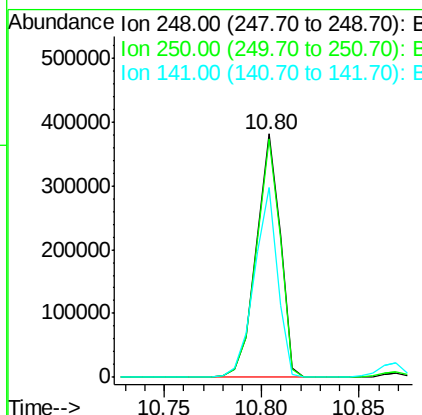
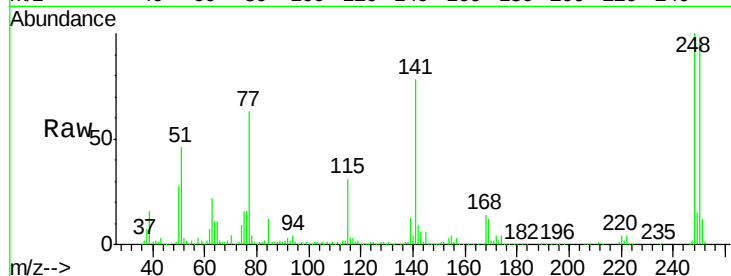




#67  
 4-Bromophenyl-phenylether  
 Concen: 47.389 ng  
 RT: 10.80 min Scan# 1482  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

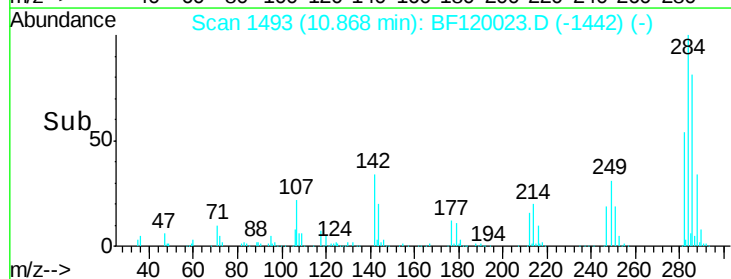
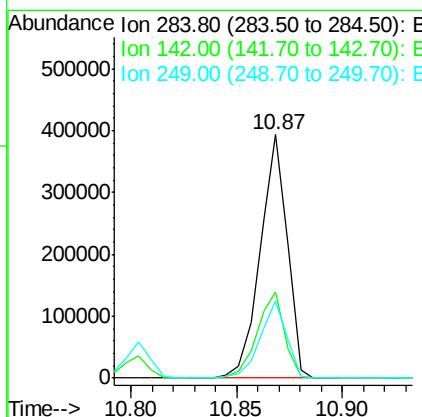
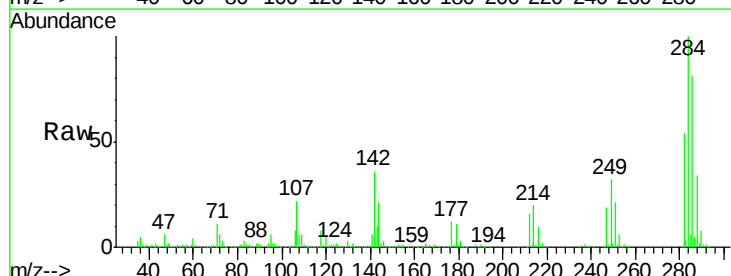
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

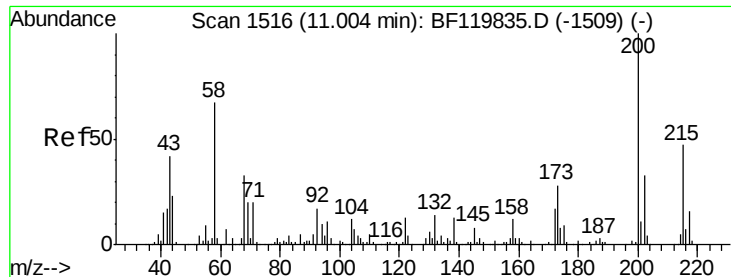
Tot Ion:248 Resp: 324992  
 Ion Ratio Lower Upper  
 248 100  
 250 98.1 76.6 114.8  
 141 78.0 55.9 83.9



#68  
 Hexachlorobenzene  
 Concen: 50.278 ng  
 RT: 10.87 min Scan# 1493  
 Delta R.T. -0.00 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

Tgt Ion:284 Resp: 349788  
 Ion Ratio Lower Upper  
 284 100  
 142 35.6 26.9 40.3  
 249 31.5 24.6 37.0

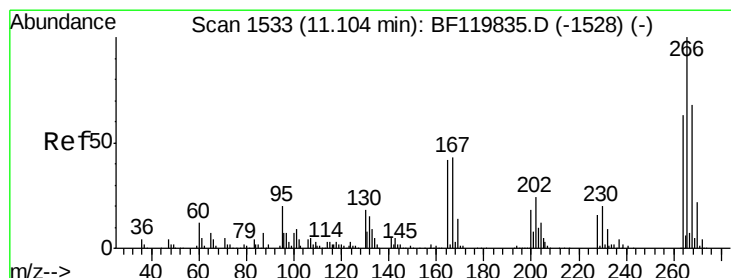
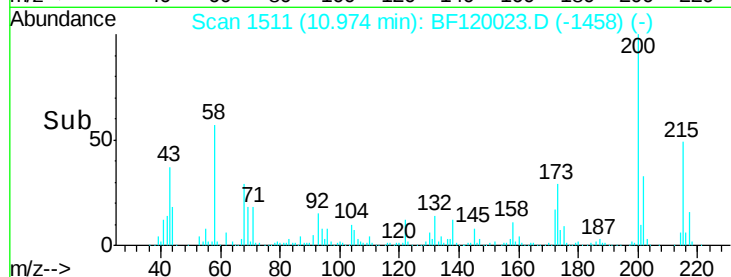
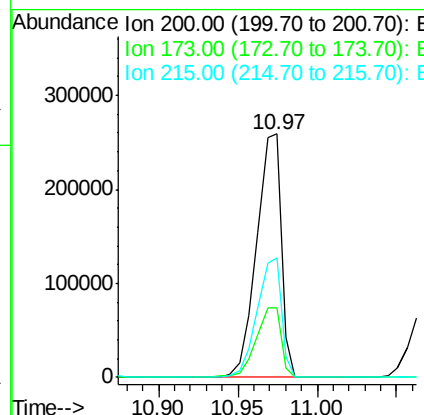
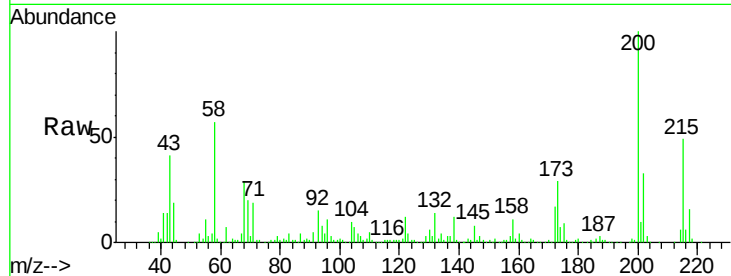




#69  
 Atrazine  
 Concen: 55.256 ng  
 RT: 10.97 min Scan# 1511  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

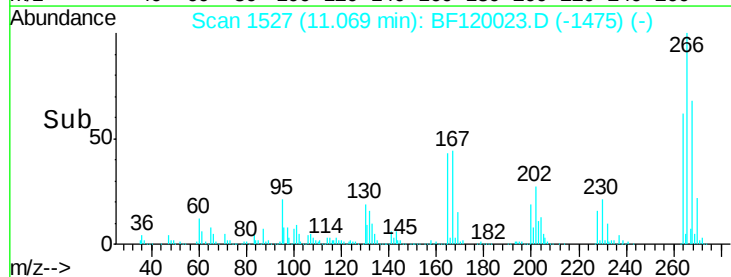
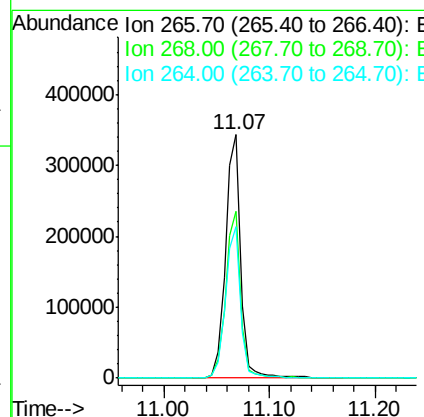
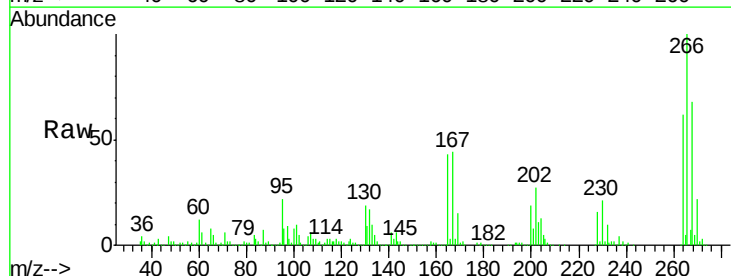
Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCQ-632MSD

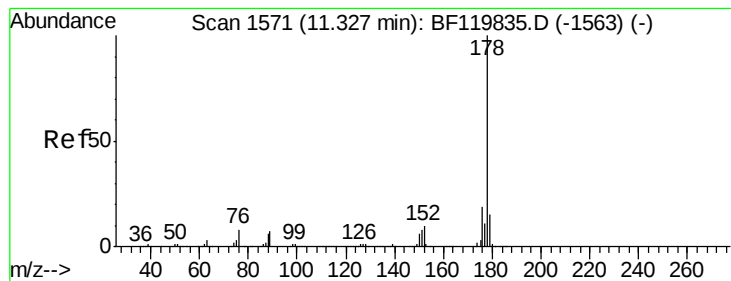
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.6  | 8.0   | 48.0  |
| 215     | 49.3  | 27.1  | 67.1  |



#70  
 Pentachlorophenol  
 Concen: 86.908 ng  
 RT: 11.07 min Scan# 1527  
 Delta R.T. 0.01 min  
 Lab File: BF120023.D  
 Acq: 16 Apr 2020 5:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.5  | 54.2  | 81.4  |
| 264     | 62.4  | 50.6  | 76.0  |





#71

Phenanthrene

Concen: 49.881 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

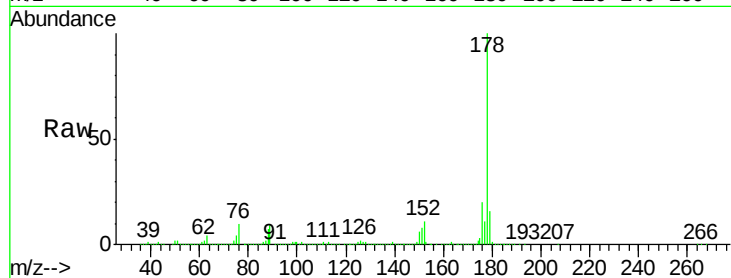
Tot Ion:178 Resp: 1463947

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

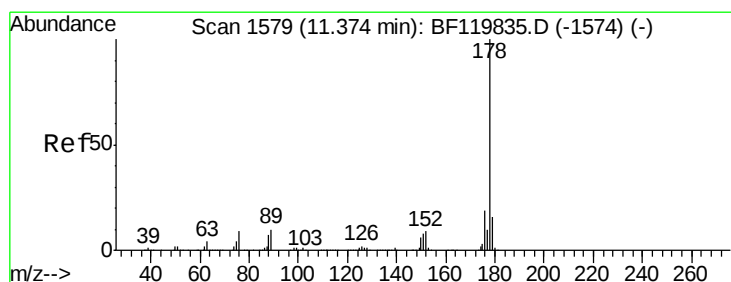
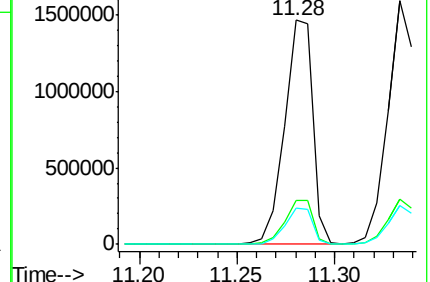
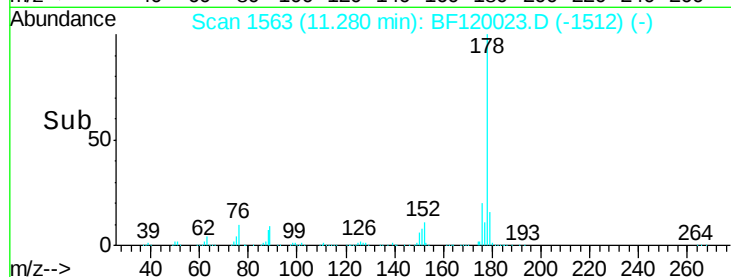
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.355 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

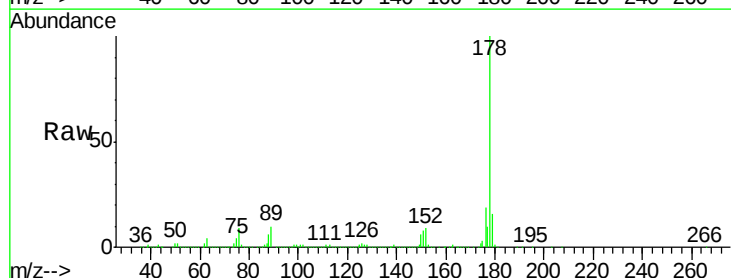
Tgt Ion:178 Resp: 1479743

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

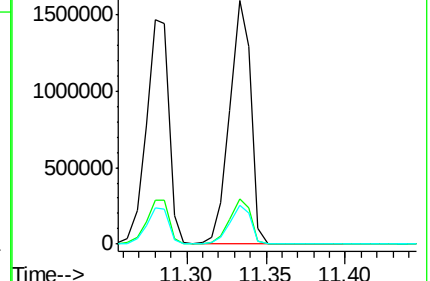
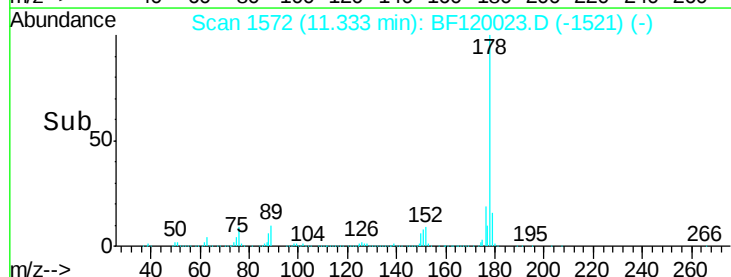
179 15.8 12.8 19.2

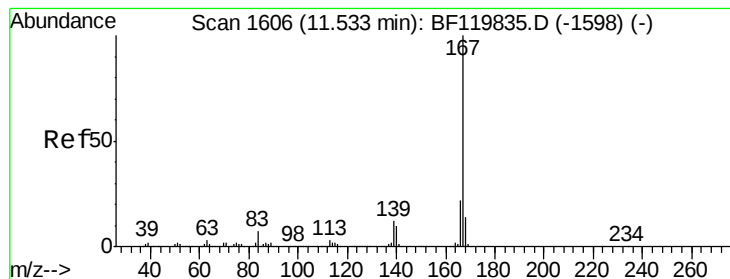


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.294 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

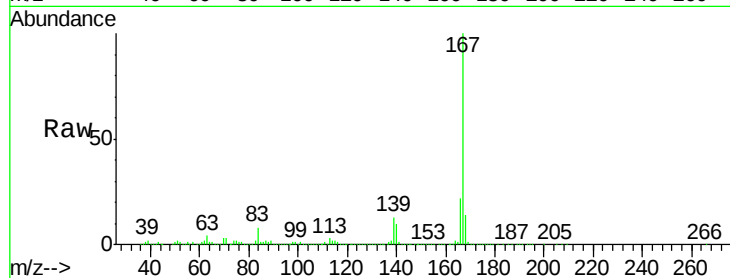
Tot Ion:167 Resp: 1482671

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

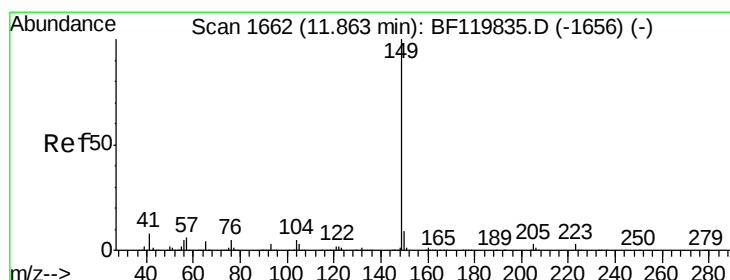
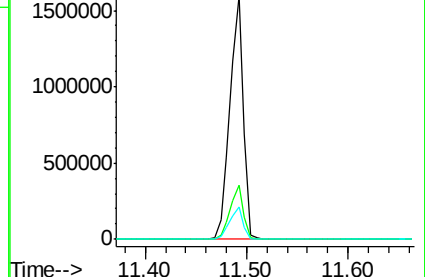
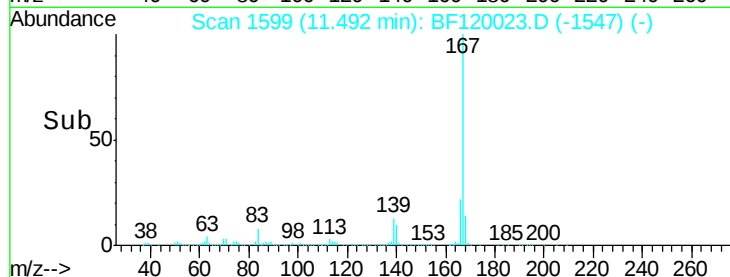
139 13.2 9.8 14.8



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: 57.073 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

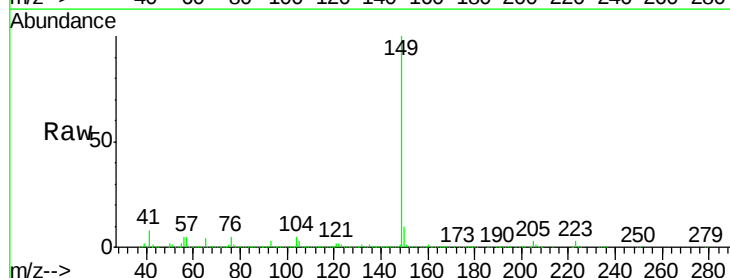
Tgt Ion:149 Resp: 2127261

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

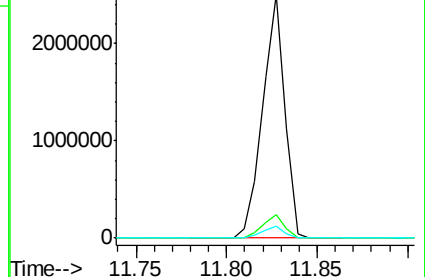
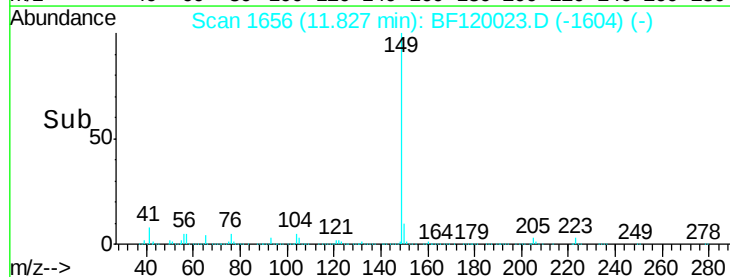
104 4.9 3.8 5.6

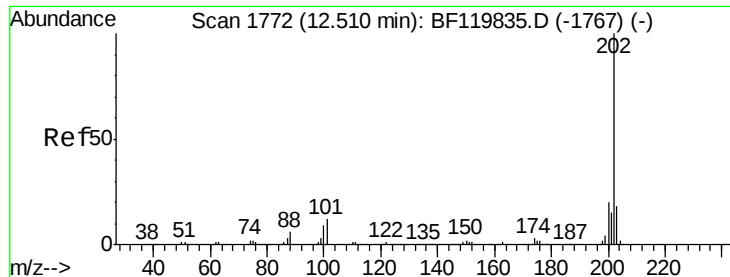


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.286 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

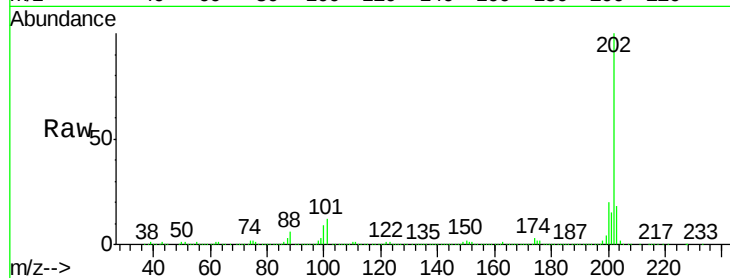
Tot Ion:202 Resp: 1687405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.6  | 0.0   | 32.3  |
| 203 | 18.3  | 0.0   | 37.6  |

202 100

101 11.6 0.0 32.3

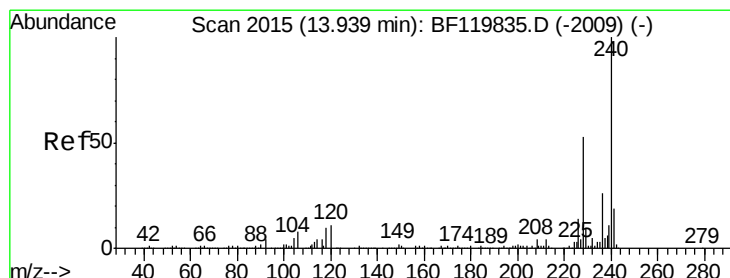
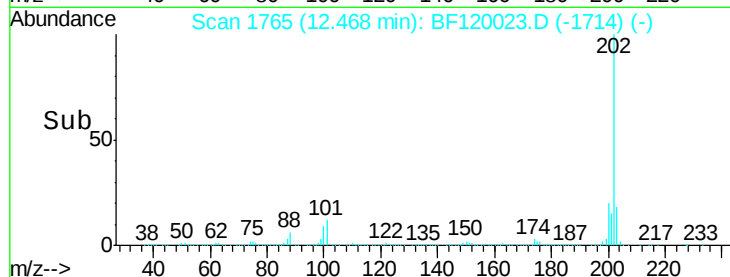
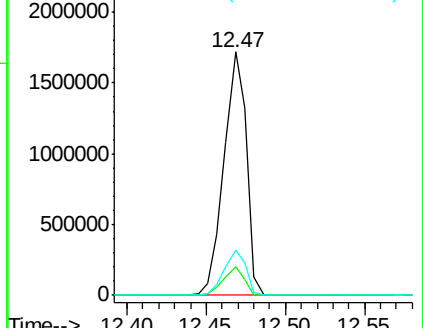
203 18.3 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

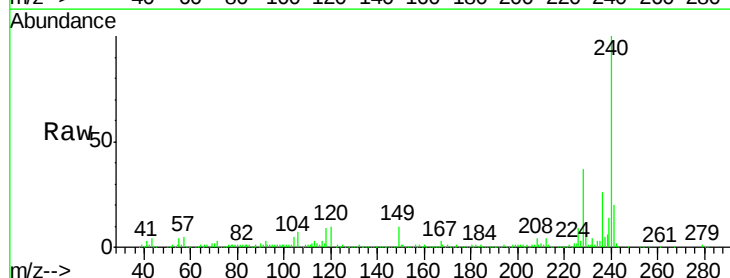
Tgt Ion:240 Resp: 325004

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.8   | 9.0   | 13.6  |
| 236 | 25.6  | 20.7  | 31.1  |

240 100

120 9.8 9.0 13.6

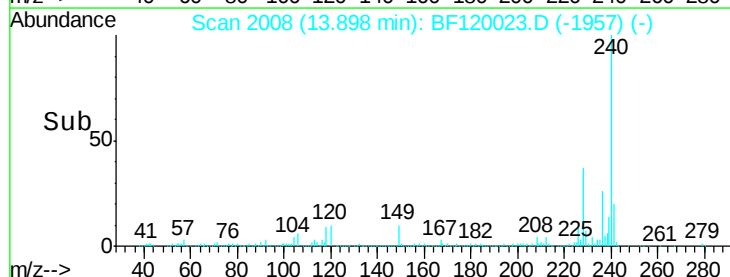
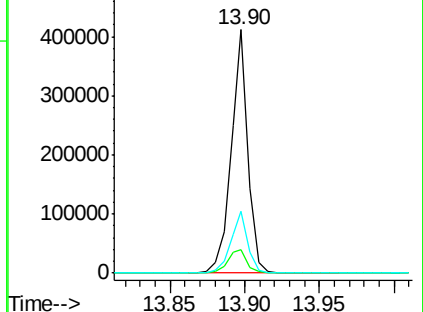
236 25.6 20.7 31.1

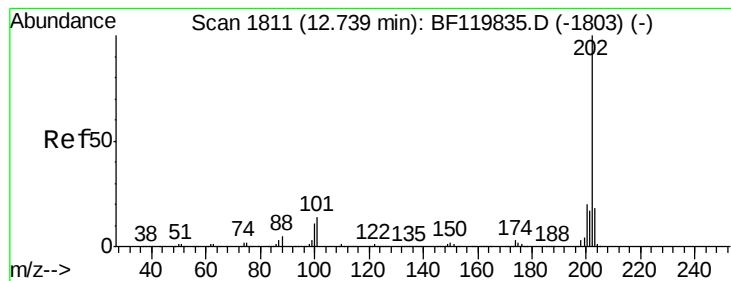


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 60.597 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

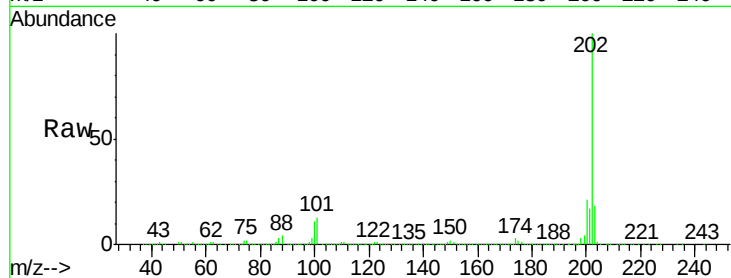
Tot Ion:202 Resp: 1660274

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

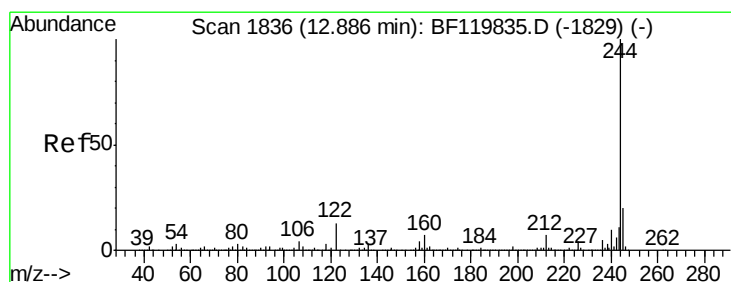
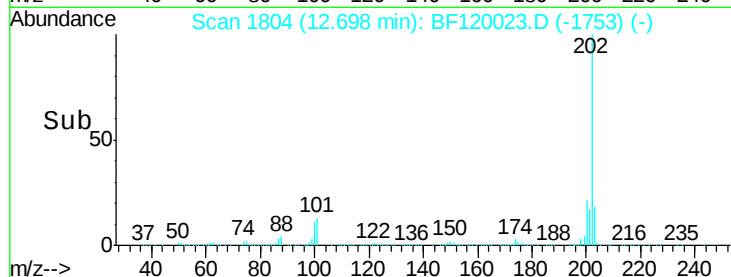
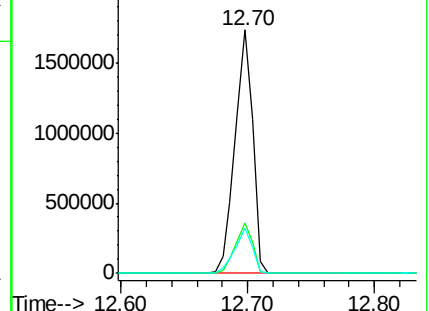
203 18.3 14.1 21.1



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: 112.500 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

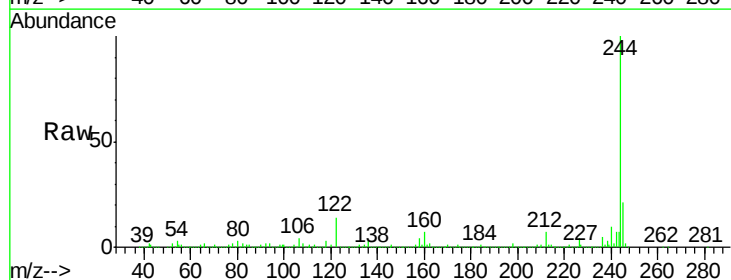
Tgt Ion:244 Resp: 2172941

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

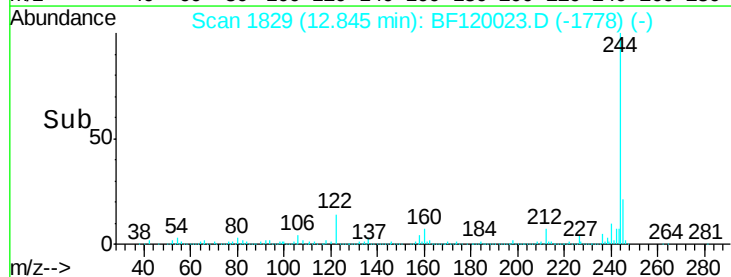
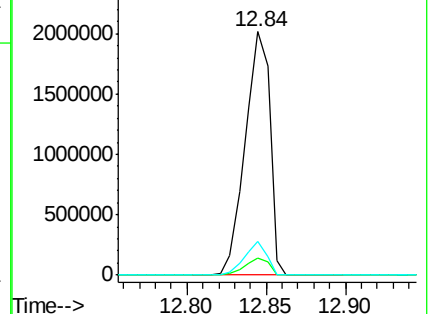
122 13.6 10.3 15.5

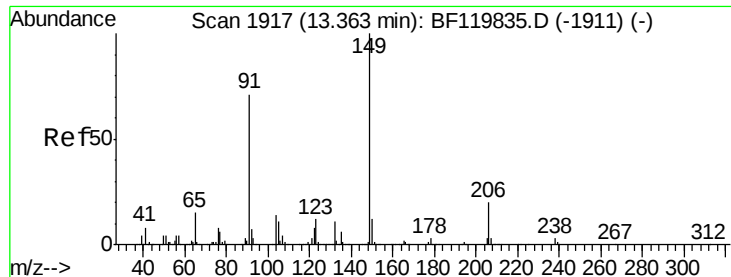


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

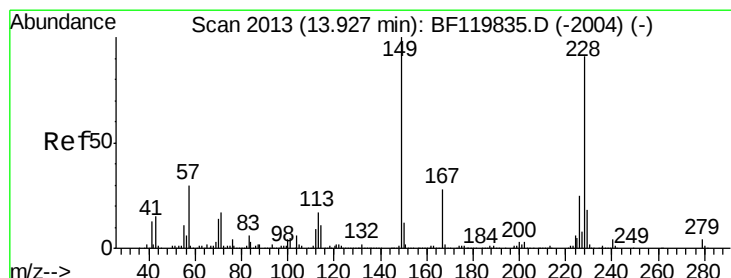
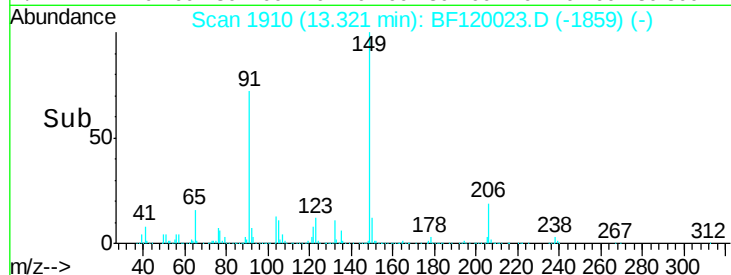
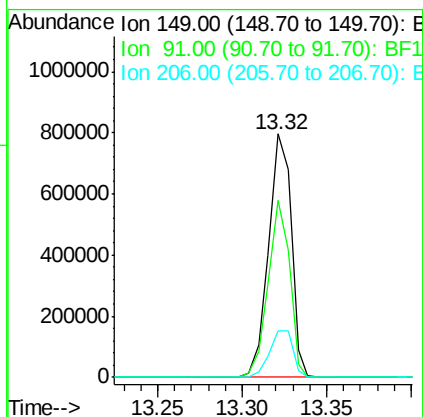
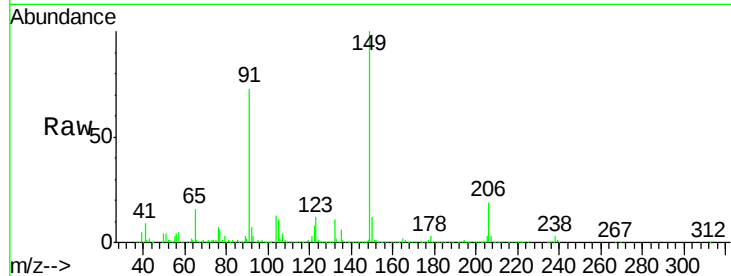




#80  
Butylbenzylphthalate  
Concen: 55.270 ng  
RT: 13.32 min Scan# 1910  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

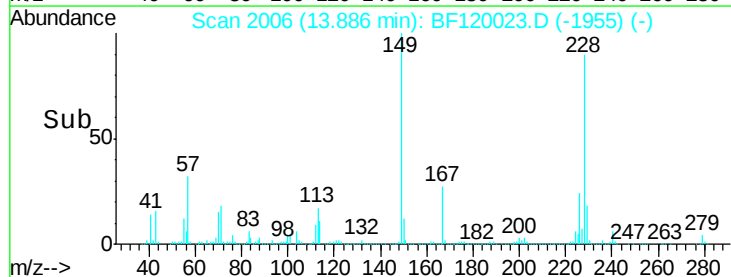
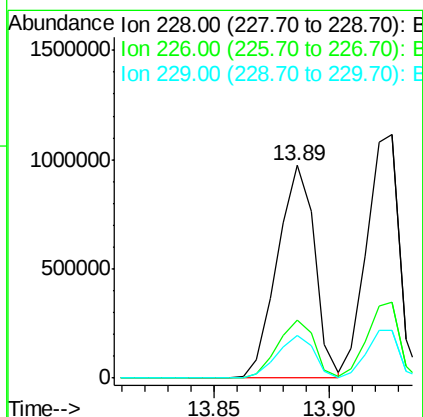
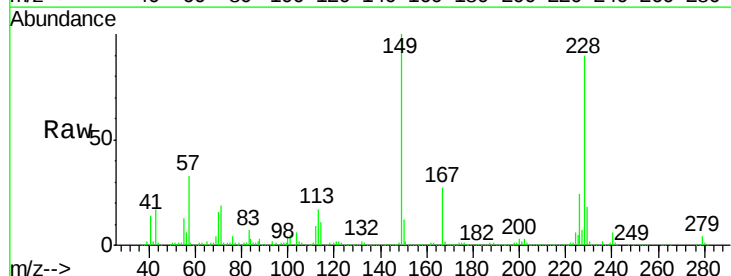
Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

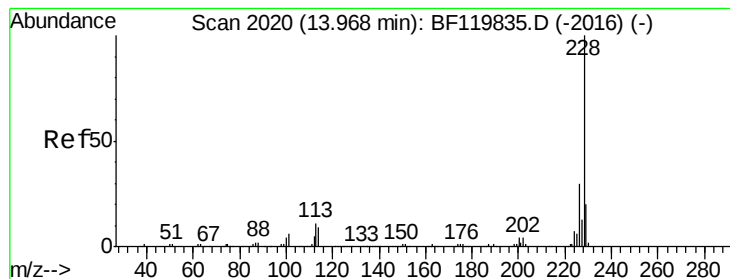
Tot Ion:149 Resp: 734803  
Ion Ratio Lower Upper  
149 100  
91 72.5 56.7 85.1  
206 19.0 15.7 23.5



#81  
Benzo(a)anthracene  
Concen: 50.948 ng  
RT: 13.89 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion:228 Resp: 1089304  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.9 32.9  
229 20.1 15.9 23.9





#83

Chrysene

Concen: 50.183 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

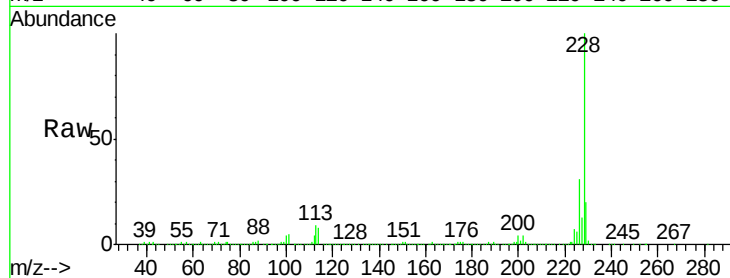
Tot Ion:228 Resp: 1090214

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

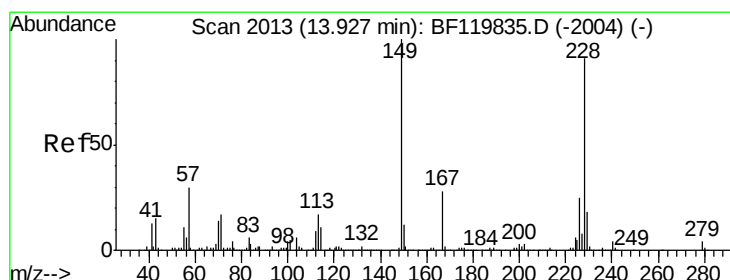
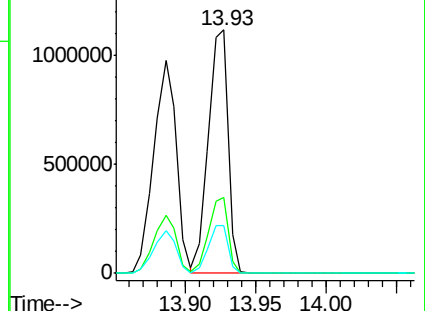
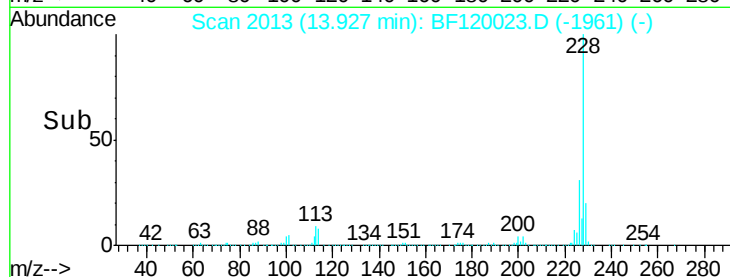
229 19.9 15.9 23.9



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: 53.230 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

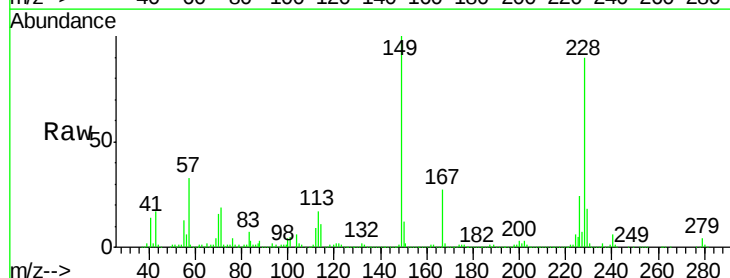
Tgt Ion:149 Resp: 958327

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

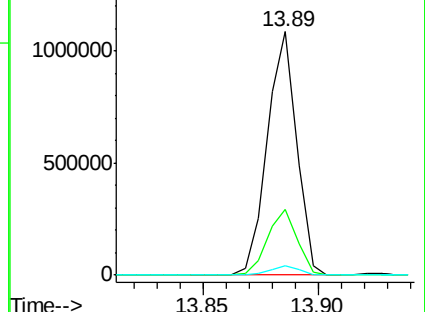
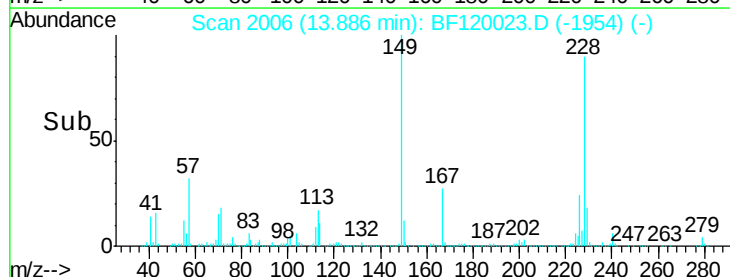
279 3.6 3.4 5.0

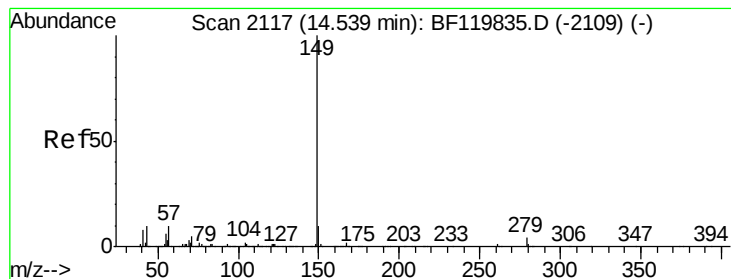


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.943 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

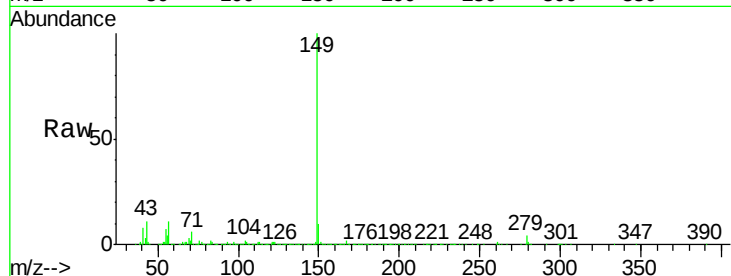
Tot Ion:149 Resp: 1592290

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

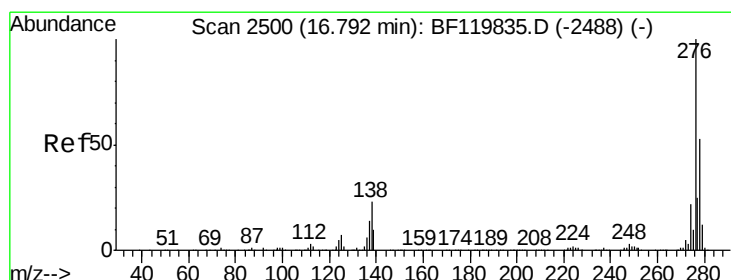
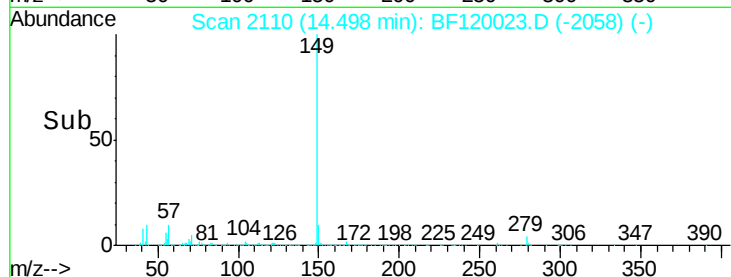
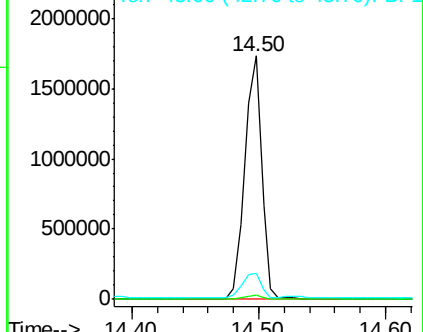
43 11.0 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.890 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

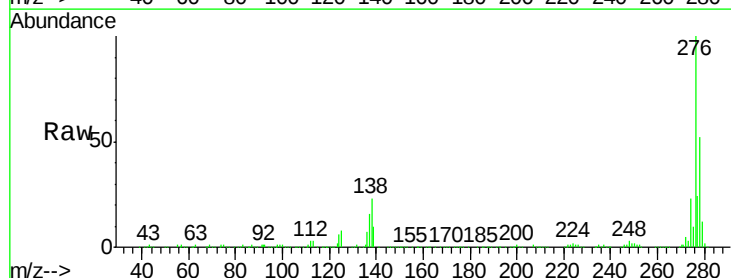
Tgt Ion:276 Resp: 1070314

Ion Ratio Lower Upper

276 100

138 23.9 18.0 27.0

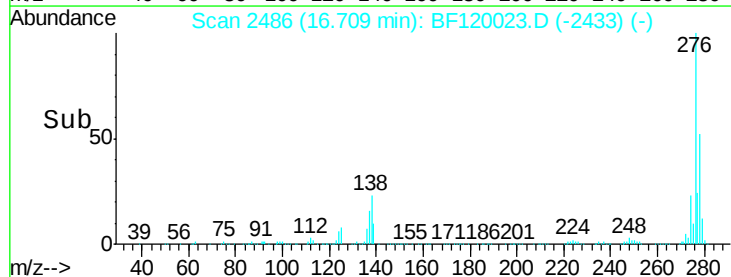
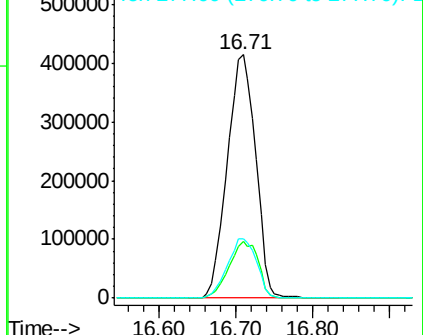
277 25.0 20.1 30.1

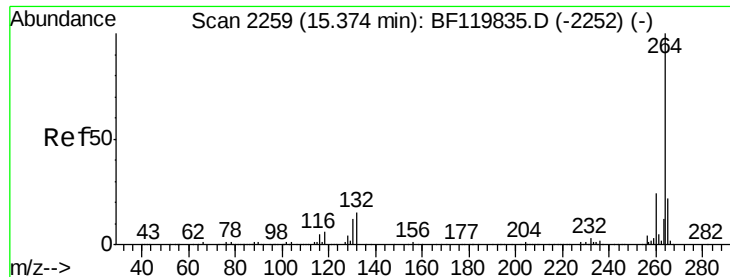


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



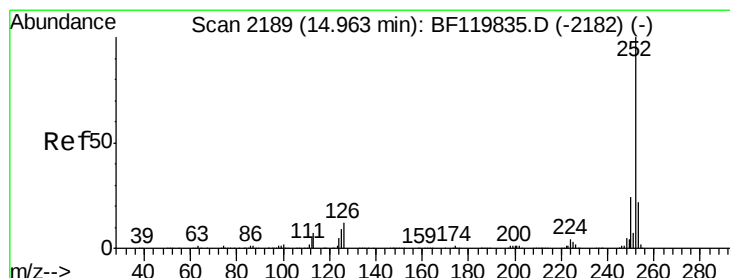
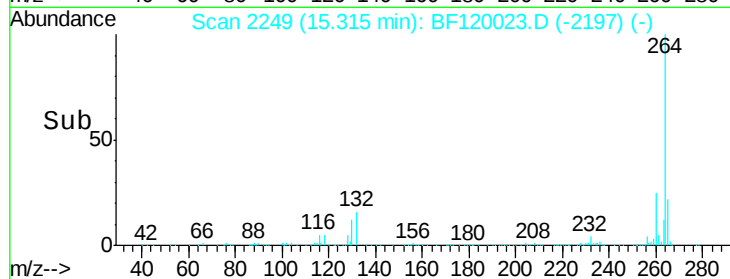
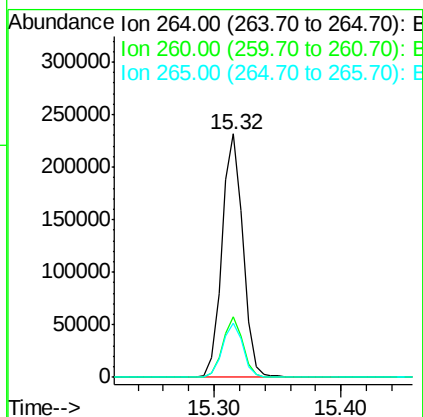
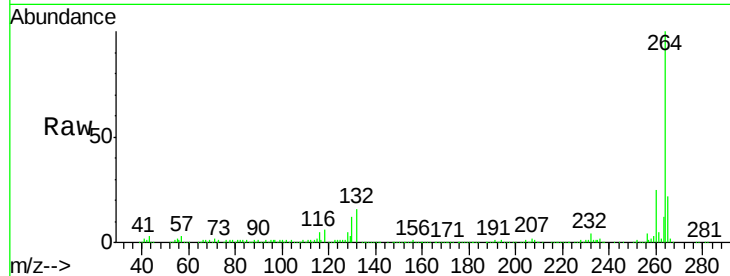


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.32 min Scan# 2249  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

Tot Ion:264 Resp: 265368  

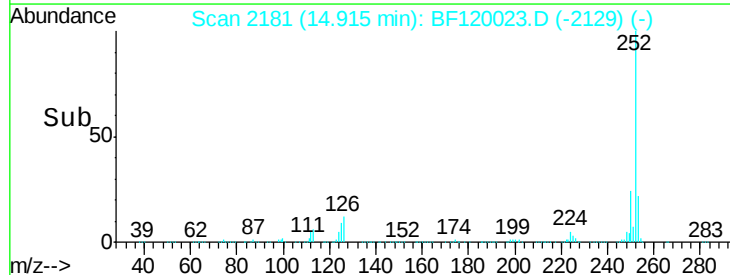
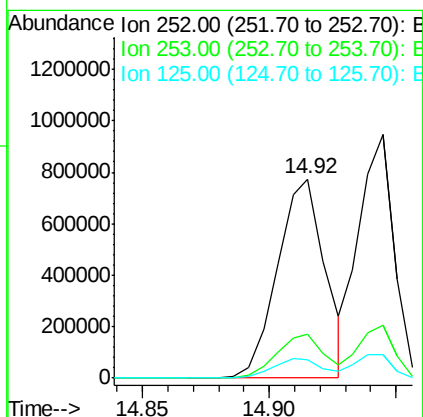
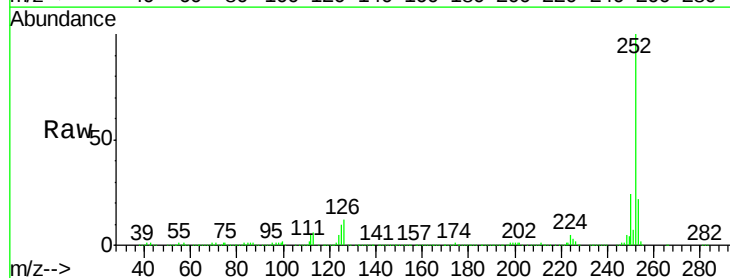
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.9  | 19.3  | 28.9  |
| 265 | 22.3  | 17.6  | 26.4  |

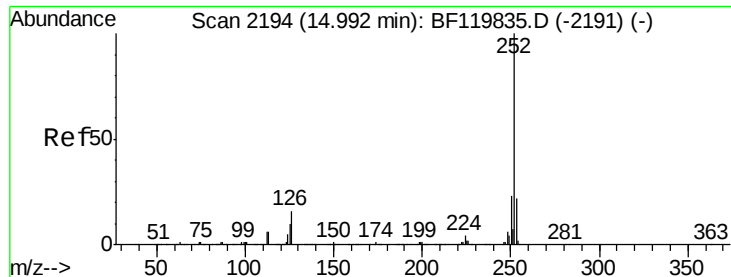


#88  
Benzo(b)fluoranthene  
Concen: 53.033 ng  
RT: 14.92 min Scan# 2181  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion:252 Resp: 1012402  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.7  | 26.5  |
| 125 | 9.5   | 7.4   | 11.2  |

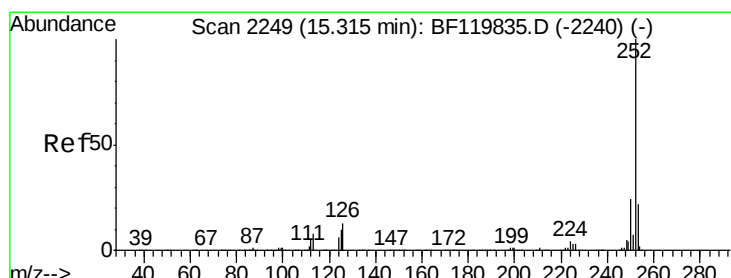
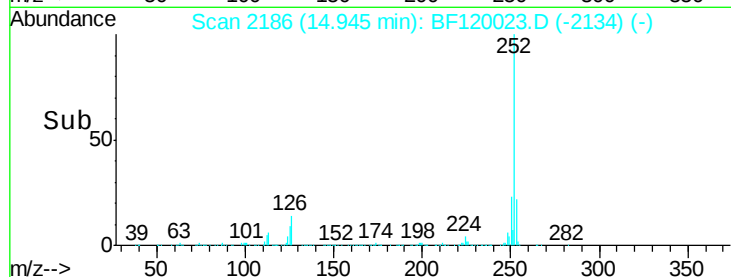
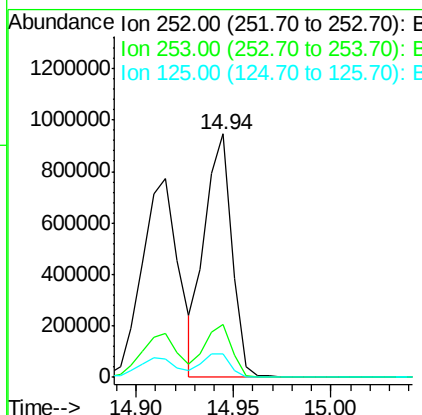
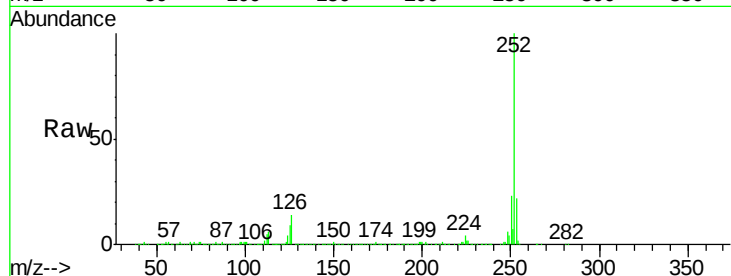




#89  
Benzo(k)fluoranthene  
Concen: 55.706 ng  
RT: 14.94 min Scan# 2186  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

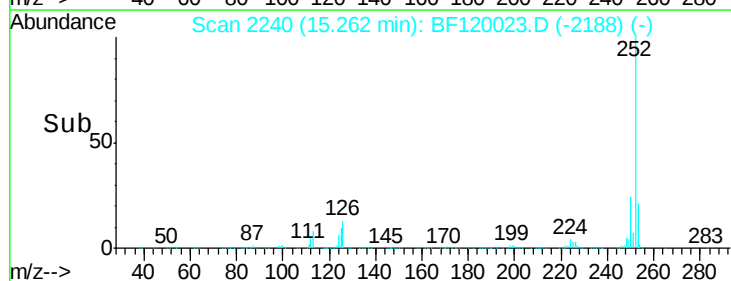
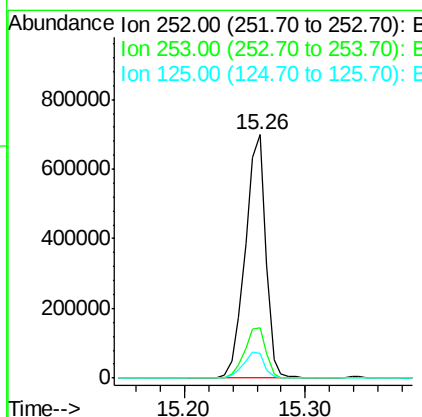
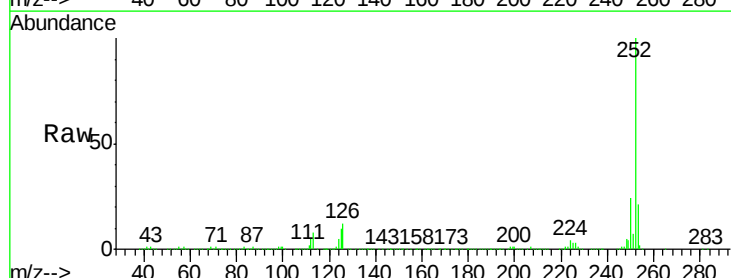
Instrument :  
BNA\_F  
ClientSampleId :  
NCQ-632MSD

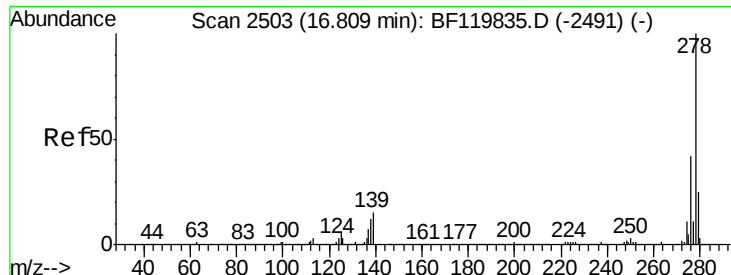
Tot Ion:252 Resp: 917533  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.8 26.8  
125 9.4 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 51.933 ng  
RT: 15.26 min Scan# 2240  
Delta R.T. 0.01 min  
Lab File: BF120023.D  
Acq: 16 Apr 2020 5:34

Tgt Ion:252 Resp: 833569  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.4 26.2  
125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 62.600 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA\_F

ClientSampleId :

NCQ-632MSD

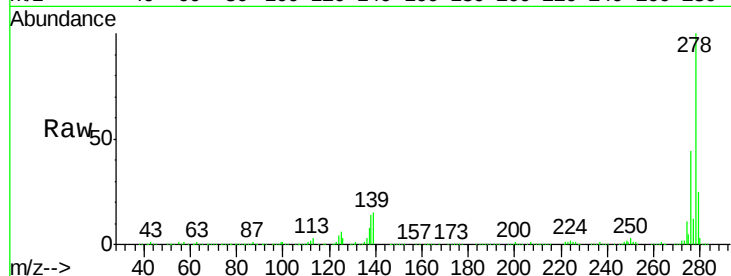
Tot Ion:278 Resp: 890030

Ion Ratio Lower Upper

278 100

139 14.8 11.6 17.4

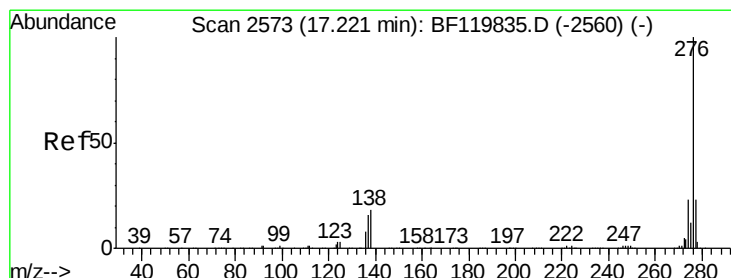
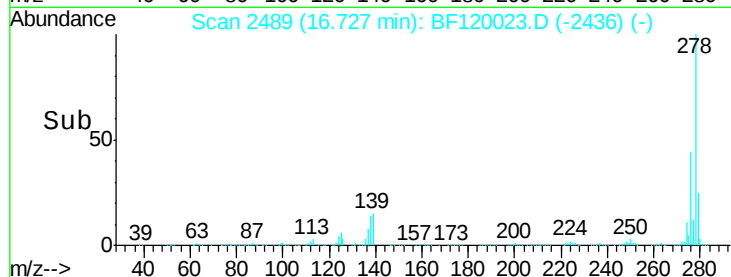
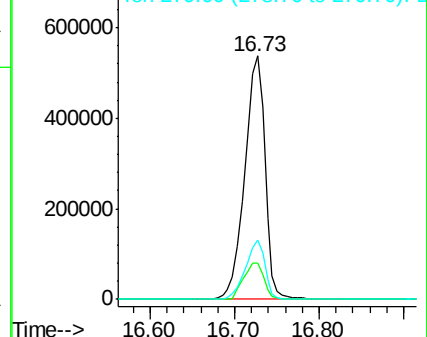
279 24.6 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.571 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

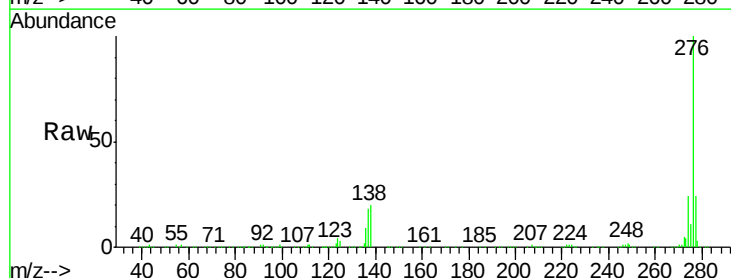
Tgt Ion:276 Resp: 822005

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 20.5 14.6 22.0



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

