

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051019\  
 Data File : BF114132.D  
 Acq On : 10 May 2019 20:34  
 Operator : JU/SJ  
 Sample : K2762-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

Manual Integrations  
 APPROVED

Sohil  
 5/13/2019 8:34:24 PM

Quant Time: May 11 04:27:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 357643   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 1304320  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 547755   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 1047719  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 731489   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.48 | 264  | 650801   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.48  | 112 | 1903312 | 85.64 | ng | 0.00 |
| 7) Phenol-d6             | 6.49  | 99  | 2448277 | 93.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1471294 | 63.30 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 514497  | 90.85 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.21  | 172 | 2104665 | 58.12 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.95 | 244 | 1984035 | 55.91 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88  | 282223  | 23.104 | ng | 99     |
| 3) Pyridine                    | 3.39 | 79  | 751425  | 22.326 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.32 | 42  | 436854  | 26.916 | ng | 95     |
| 6) Aniline                     | 6.52 | 93  | 405220  | 10.672 | ng | # 83   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 757688  | 31.936 | ng | 94     |
| 9) Benzaldehyde                | 6.40 | 77  | 333451  | 18.121 | ng | 99     |
| 10) Phenol                     | 6.51 | 94  | 939908  | 30.397 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 818194  | 34.854 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 761354  | 28.588 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 769150  | 28.661 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 728879  | 29.728 | ng | 99     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 658170  | 32.105 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 1364748 | 29.984 | ng | 99     |
| 17) 2-Methylphenol             | 7.11 | 107 | 599160  | 30.743 | ng | 99     |
| 18) Hexachloroethane           | 7.37 | 117 | 237390  | 23.566 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 505491  | 30.340 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 704867  | 31.303 | ng | 94     |
| 22) Acetophenone               | 7.26 | 105 | 988105  | 34.196 | ng | 98     |
| 24) Nitrobenzene               | 7.43 | 77  | 787329  | 33.260 | ng | 96     |
| 25) Isophorone                 | 7.67 | 82  | 1385717 | 32.148 | ng | 98     |
| 26) 2-Nitrophenol              | 7.75 | 139 | 384382  | 33.469 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.79 | 122 | 620849  | 34.420 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 895410  | 32.016 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 571450  | 31.816 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 622240  | 30.466 | ng | 98     |
| 31) Naphthalene                | 8.16 | 128 | 1990845 | 32.676 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 184677  | 19.279 | ng | 99     |
| 33) 4-Chloroaniline            | 8.20 | 127 | 339428  | 12.225 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 332477  | 28.610 | ng | 98     |
| 35) Caprolactam                | 8.56 | 113 | 190365  | 32.504 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 586333  | 32.431 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1292184 | 32.872 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 1208607 | 32.649 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 578905  | 34.889 | ng | 99     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

Manual Integrations  
 APPROVED

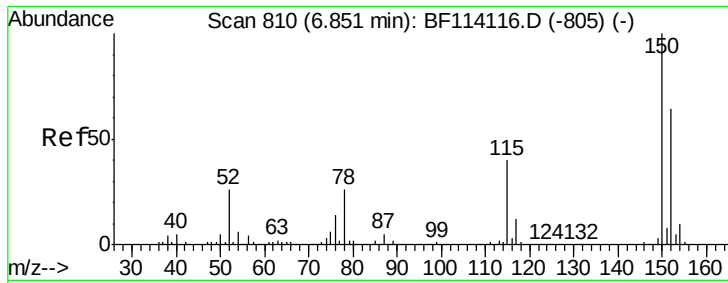
Sohil  
 5/13/2019 8:34:24 PM

Quant Time: May 11 04:27:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 103185   | 16.951 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 391714   | 34.322 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 391831   | 33.477 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.31  | 154  | 1505079  | 34.012 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1145086  | 32.154 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 410734   | 32.520 | ng    | 95       |
| 49) Acenaphthylene             | 9.75  | 152  | 1756425  | 32.427 | ng    | 99       |
| 50) Dimethylphthalate          | 9.60  | 163  | 1721239  | 42.806 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.67  | 165  | 286390   | 32.111 | ng    | 87       |
| 52) Acenaphthene               | 9.92  | 154  | 1069573  | 32.179 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 236070   | 21.323 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.95  | 184  | 74330    | 21.922 | ng    | 93       |
| 55) Dibenzofuran               | 10.09 | 168  | 1562917  | 32.067 | ng    | 96       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 458413   | 58.550 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 361003   | 29.822 | ng    | 94       |
| 58) Fluorene                   | 10.43 | 166  | 1215961  | 32.300 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.21 | 232  | 343132   | 33.977 | ng    | 98       |
| 60) Diethylphthalate           | 10.30 | 149  | 1400328  | 34.275 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 612634   | 33.133 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 279771   | 24.048 | ng    | 95       |
| 63) Azobenzene                 | 10.59 | 77   | 1293700  | 32.713 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 64146    | 12.741 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 1124670  | 35.369 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 374057   | 32.426 | ng    | 95       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 400439   | 31.378 | ng    | 96       |
| 69) Atrazine                   | 11.07 | 200  | 317907   | 32.126 | ng    | 99       |
| 70) Pentachlorophenol          | 11.18 | 266  | 421707   | 69.708 | ng    | 99       |
| 71) Phenanthrene               | 11.40 | 178  | 1708743  | 33.523 | ng    | 98       |
| 72) Anthracene                 | 11.45 | 178  | 1742101  | 34.027 | ng    | 100      |
| 73) Carbazole                  | 11.60 | 167  | 1648934  | 33.775 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 1958593  | 34.821 | ng    | 99       |
| 75) Fluoranthene               | 12.58 | 202  | 1907394  | 34.749 | ng    | 97       |
| 77) Benzidine                  | 12.71 | 184  | 1645m    | 0.050  | ng    |          |
| 78) Pyrene                     | 12.81 | 202  | 1955450  | 33.231 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 852353   | 34.413 | ng    | 94       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 1498556  | 31.674 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 171386   | 9.338  | ng    | # 98     |
| 83) Chrysene                   | 14.03 | 228  | 1512067  | 32.602 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 1091971  | 33.709 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 1804635  | 34.366 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.95 | 276  | 1218053  | 29.716 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.05 | 252  | 1454784  | 34.892 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.08 | 252  | 1142736  | 29.836 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 1191500  | 32.471 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 1028524  | 33.732 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 1024080  | 33.514 | ng    | 99       |

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





#1

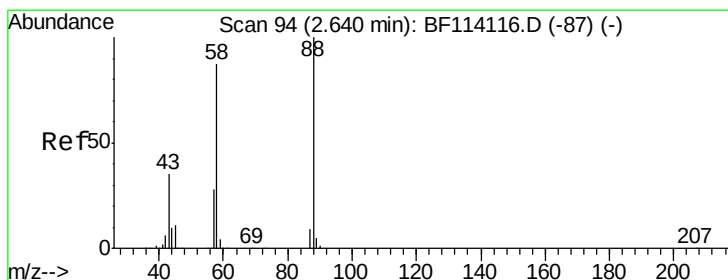
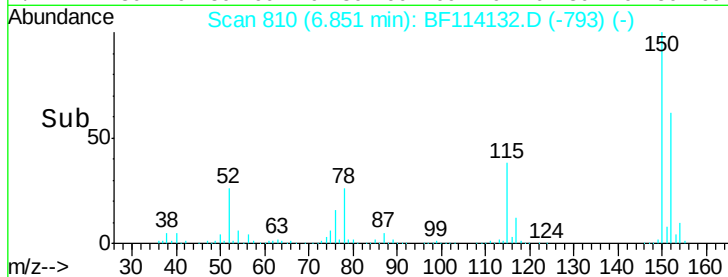
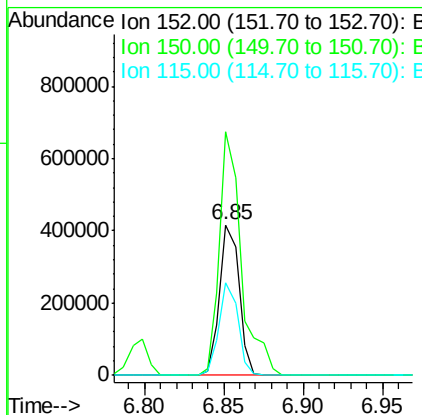
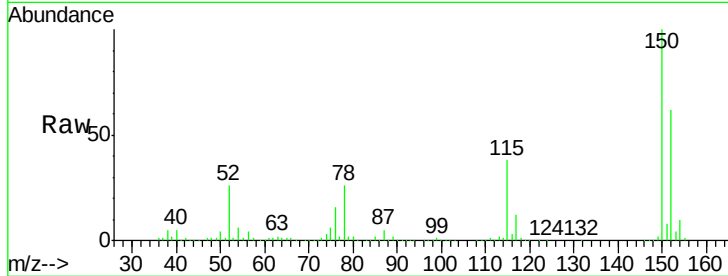
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.8 | 124.3 | 186.5 |
| 115     | 61.6  | 49.1  | 73.7  |

Manual Integrations  
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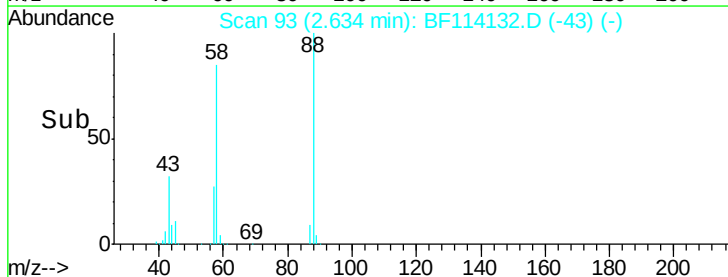
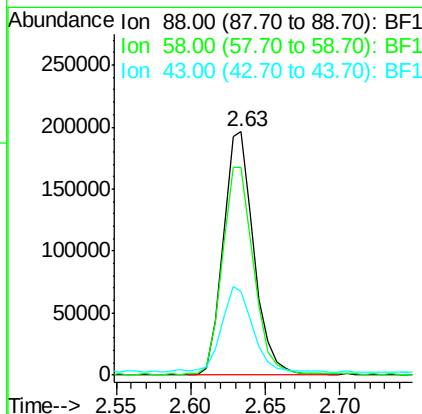
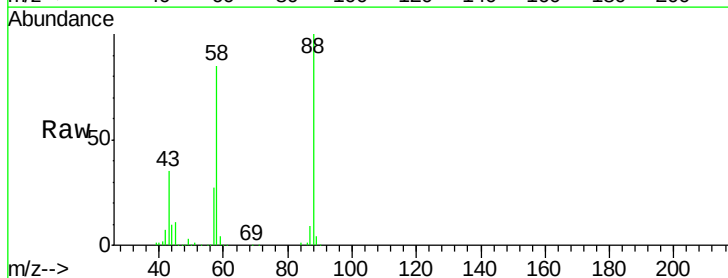
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5/13/2019 8:34:24 PM

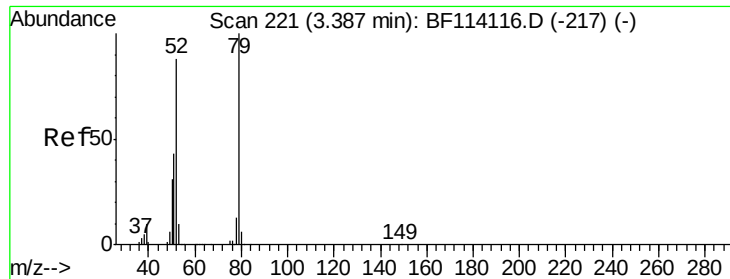


#2

1,4-Dioxane  
Concen: 23.104 ng  
RT: 2.63 min Scan# 93  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.7  | 68.7  | 103.1 |
| 43      | 35.8  | 28.2  | 42.2  |





#3

Pyridine

Concen: 22.326 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

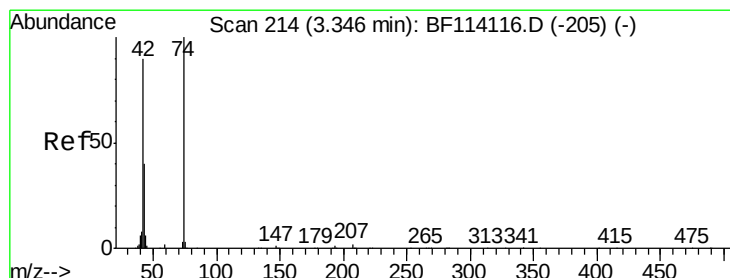
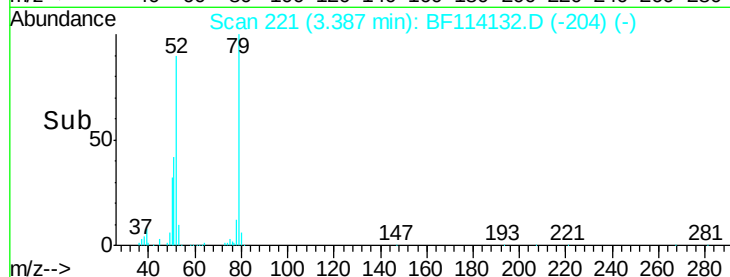
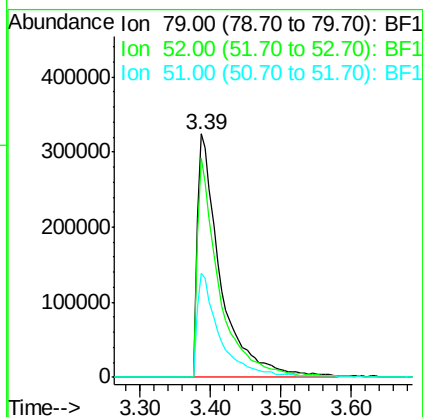
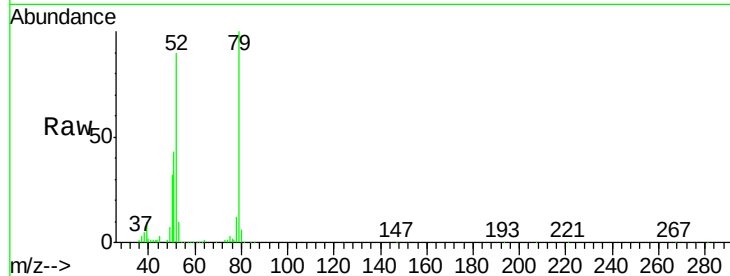
ClientSampleId :

P021-SS001-0002-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 751425 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 89.8  | 70.6  | 105.8  |
| 51       | 42.7  | 34.2  | 51.2   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 26.916 ng

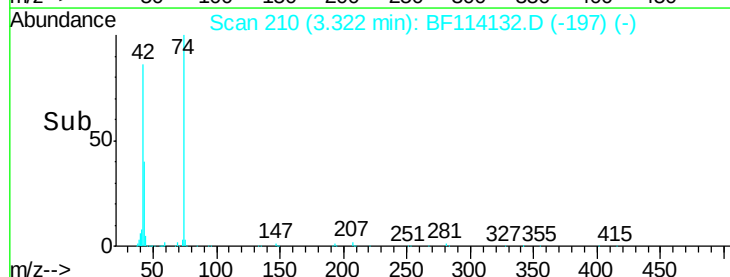
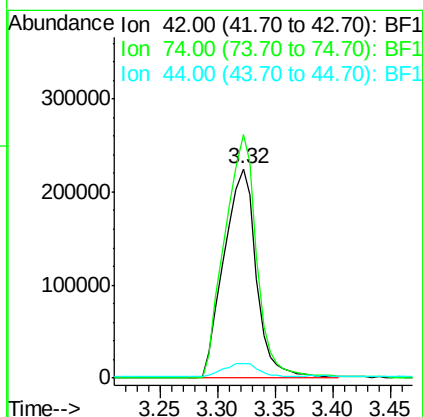
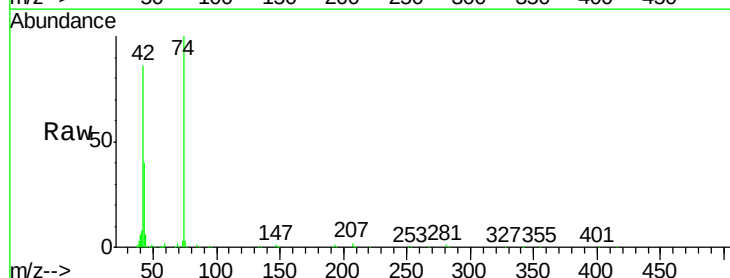
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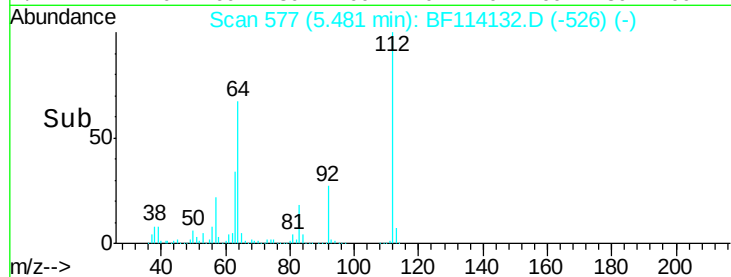
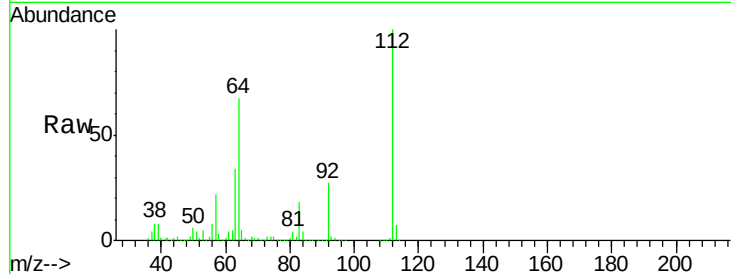
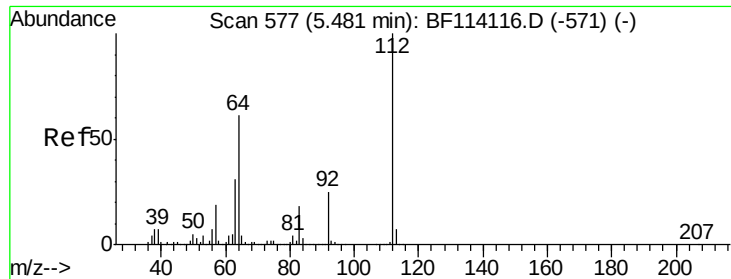
Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 436854 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 116.2 | 88.6  | 132.8  |
| 44       | 7.0   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 85.642 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion: 112 Resp: 1903312

Ion Ratio Lower Upper

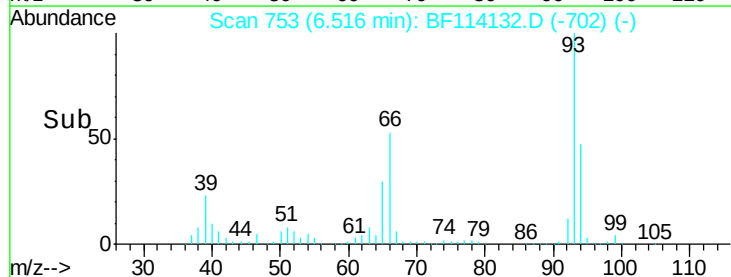
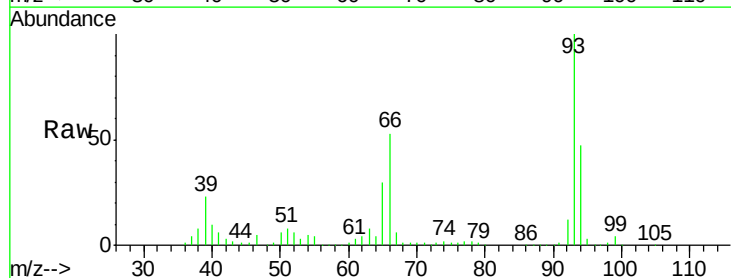
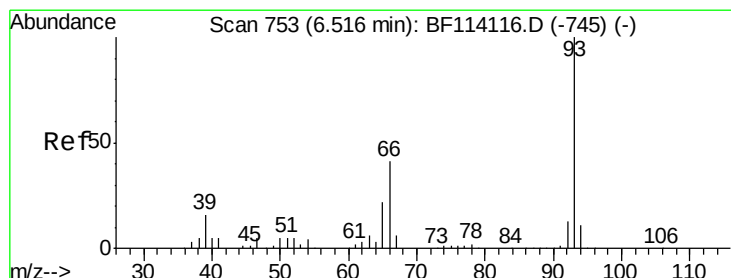
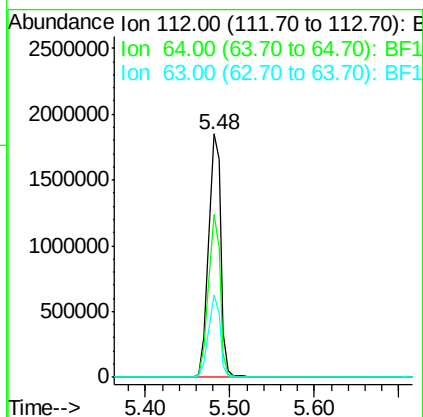
112 100

64 67.1 49.0 73.6

63 34.0 24.6 37.0

Manual Integrations  
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#6

Aniline

Concen: 10.672 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

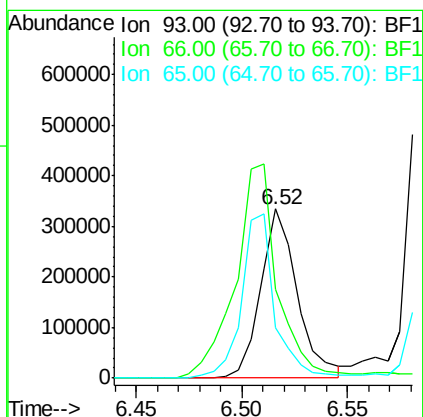
Tgt Ion: 93 Resp: 405220

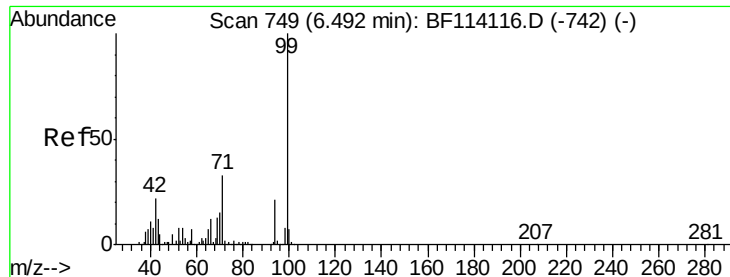
Ion Ratio Lower Upper

93 100

66 52.6 33.2 49.8#

65 29.7 17.6 26.4#





#7

Phenol-d6

Concen: 93.143 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion: 99 Resp: 2448277

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

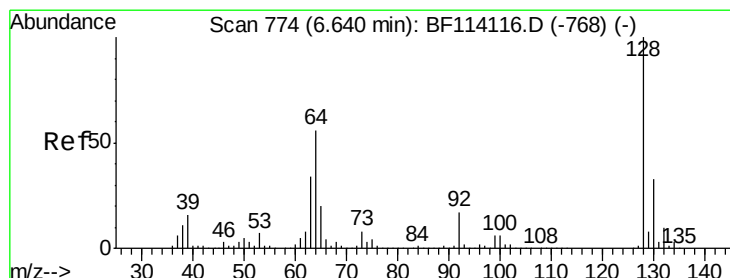
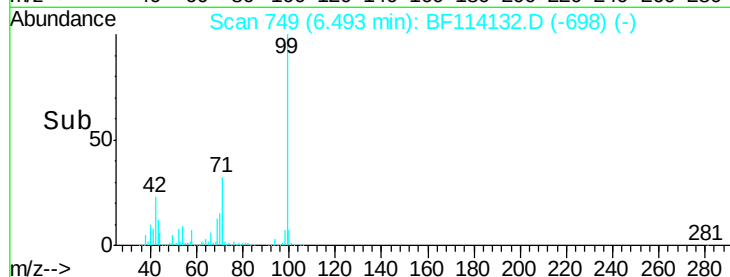
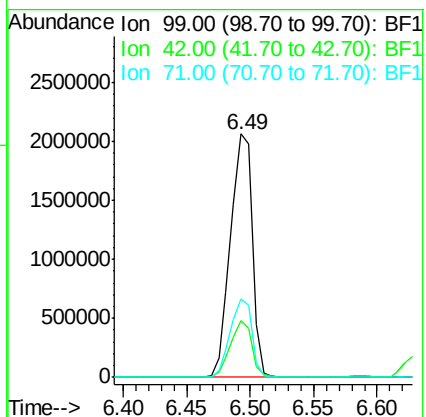
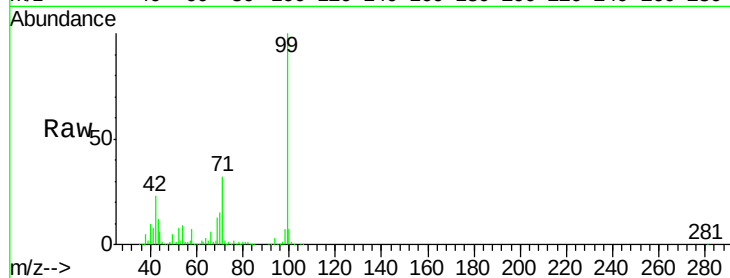
71 32.5 26.2 39.2

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:24 PM



#8

2-Chlorophenol

Concen: 31.936 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

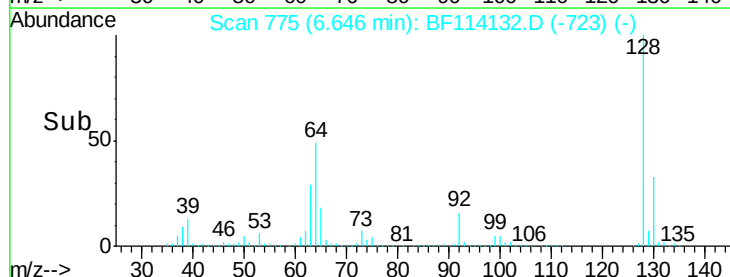
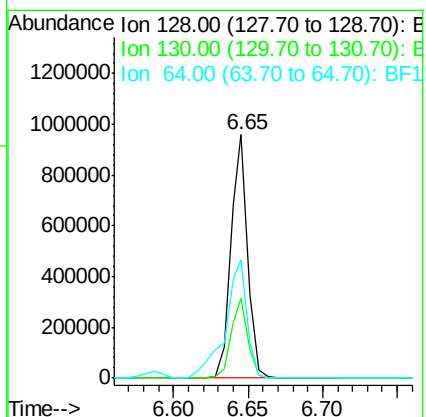
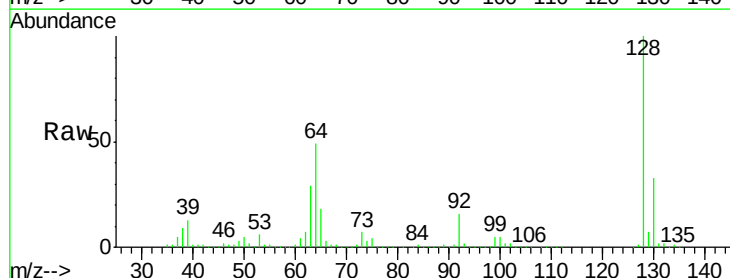
Tgt Ion: 128 Resp: 757688

Ion Ratio Lower Upper

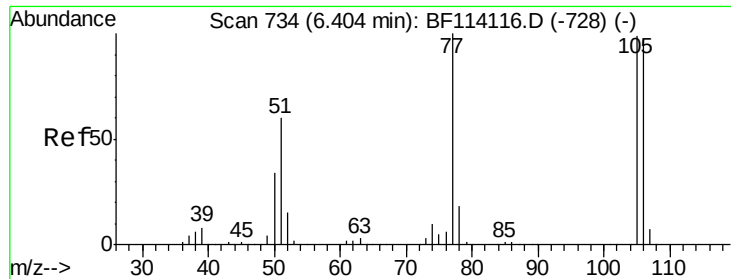
128 100

130 32.9 12.6 52.6

64 48.7 35.9 75.9







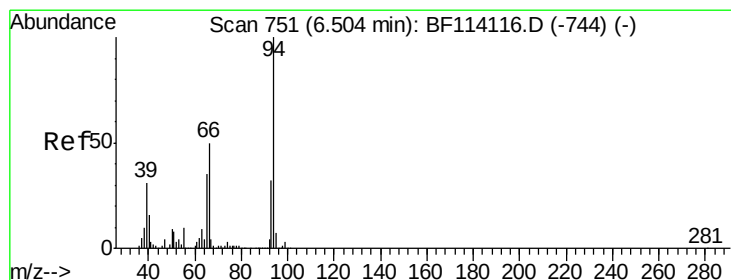
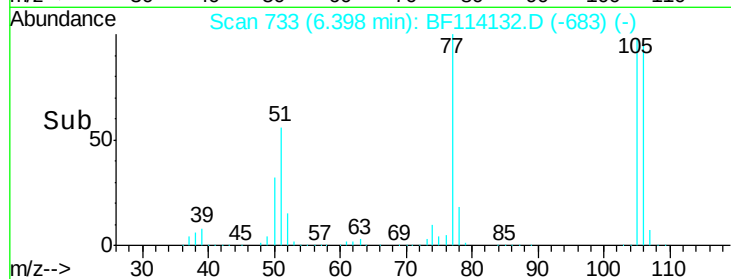
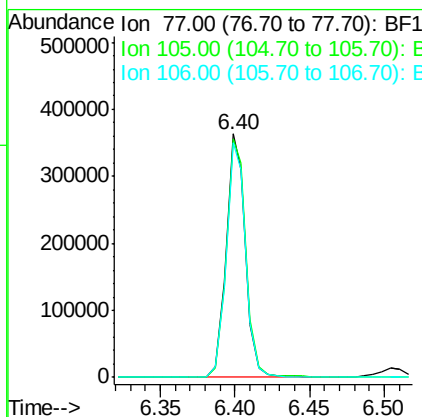
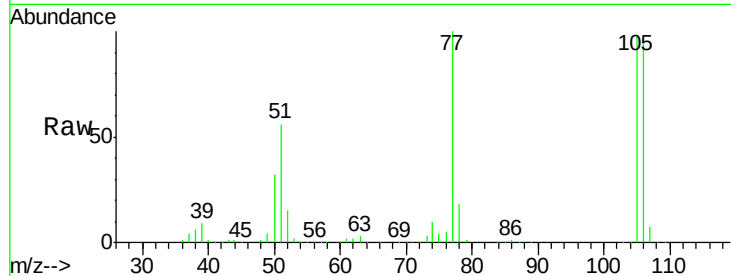
#9  
Benzaldehyde  
Concen: 18.121 ng  
RT: 6.40 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 97.8  | 79.3  | 119.3 |
| 106     | 96.1  | 77.0  | 117.0 |

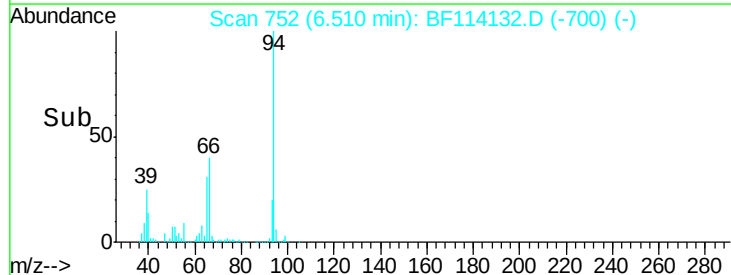
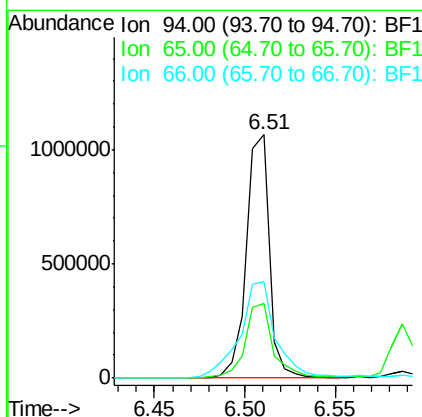
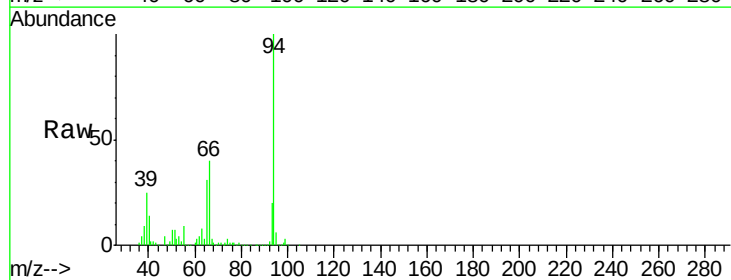
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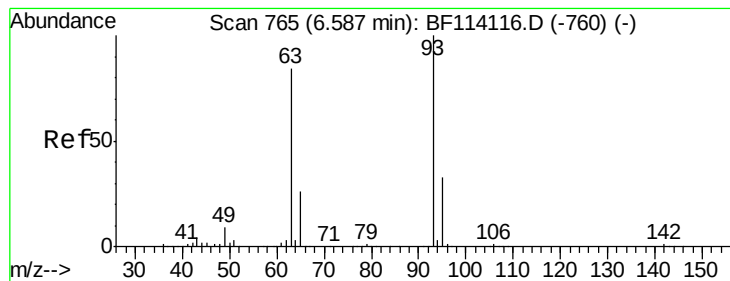


#10  
Phenol  
Concen: 30.397 ng  
RT: 6.51 min Scan# 752  
Delta R.T. 0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.6  | 14.7  | 54.7  |
| 66      | 39.7  | 29.6  | 69.6  |







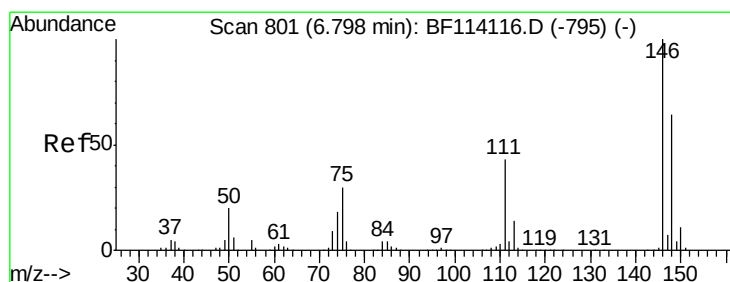
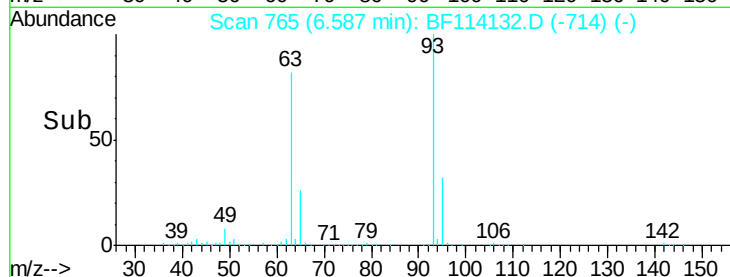
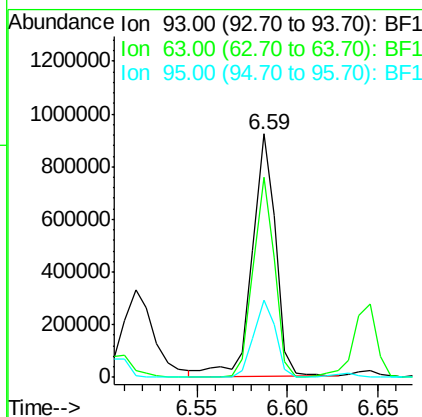
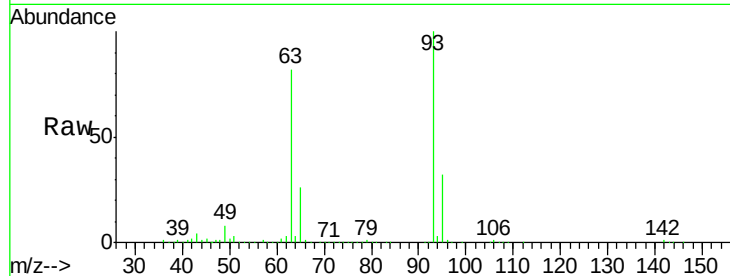
#11  
bis(2-Chloroethyl)ether  
Concen: 34.854 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.0  | 63.6  | 103.6 |
| 95      | 31.9  | 13.1  | 53.1  |

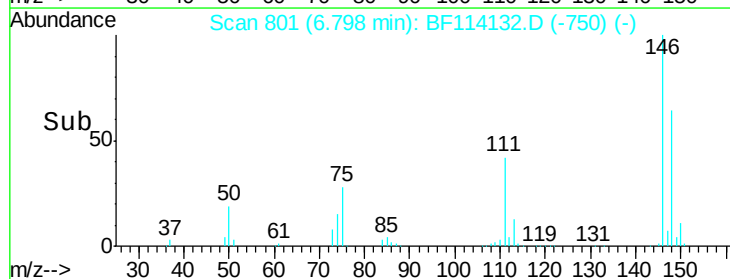
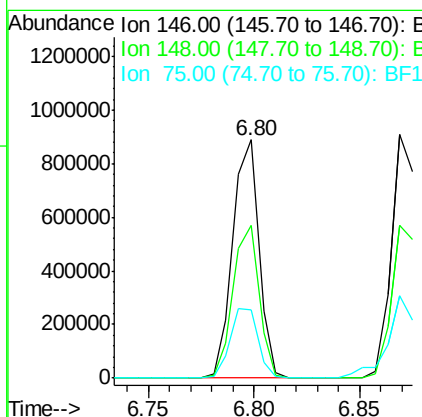
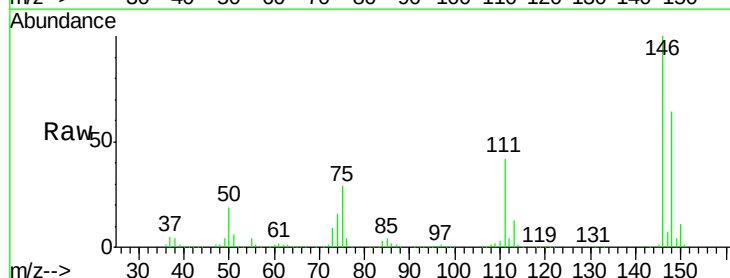
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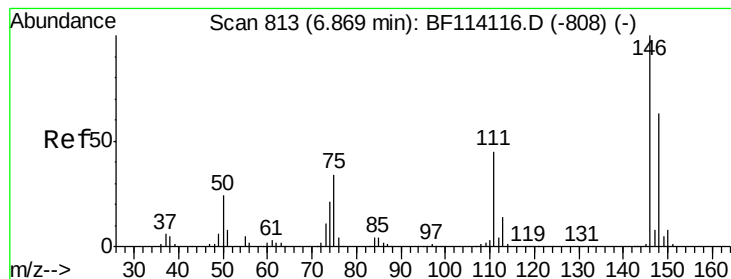
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#12  
1,3-Dichlorobenzene  
Concen: 28.588 ng  
RT: 6.80 min Scan# 801  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.6  | 77.4  |
| 75      | 28.6  | 24.2  | 36.2  |





#13

1,4-Dichlorobenzene

Concen: 28.661 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

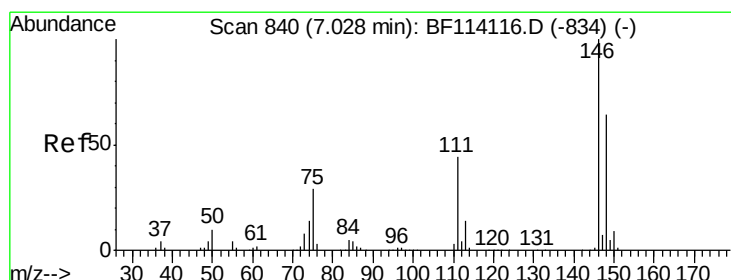
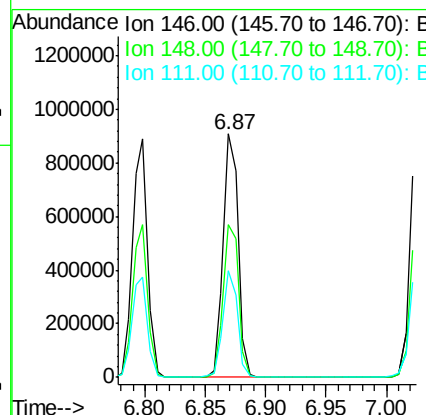
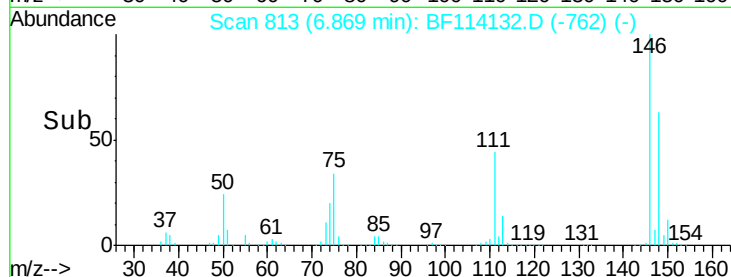
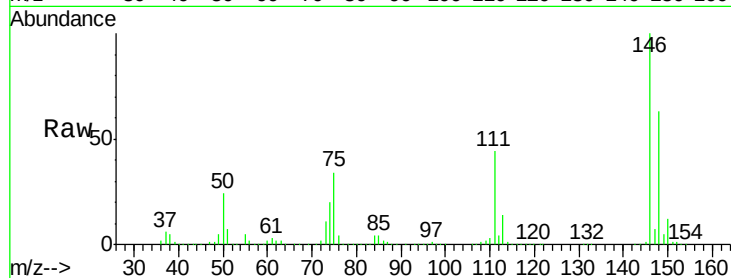
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 769150 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.8  | 50.2  | 75.2   |
| 111       | 43.8  | 35.8  | 53.6   |

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#14

1,2-Dichlorobenzene

Concen: 29.728 ng

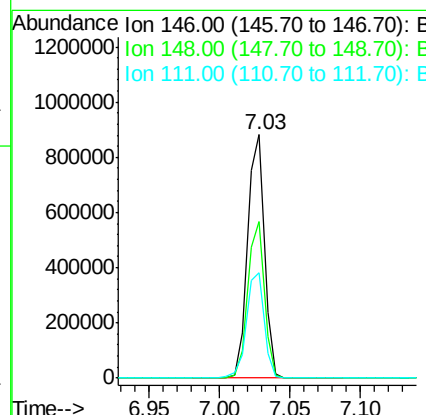
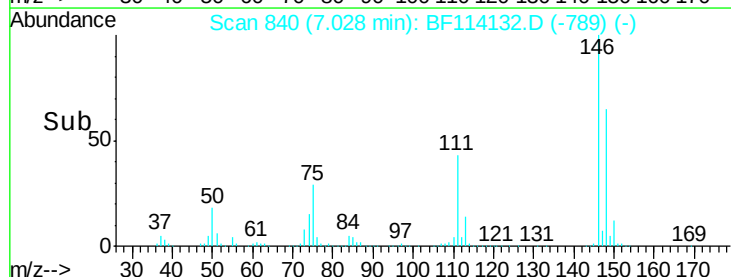
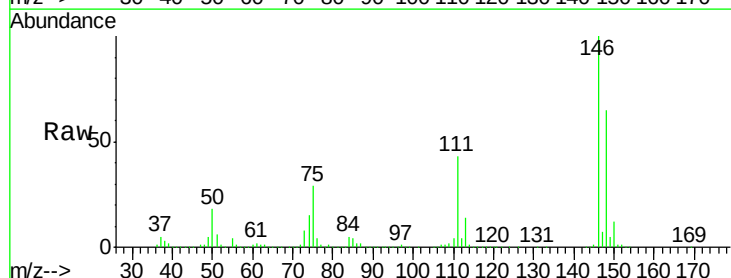
RT: 7.03 min Scan# 840

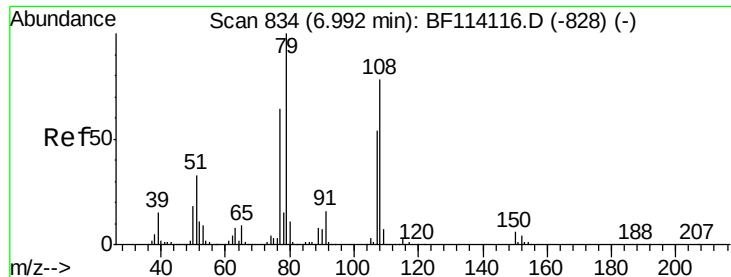
Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 728879 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 51.1  | 76.7   |
| 111       | 43.1  | 35.3  | 52.9   |





#15

Benzyl Alcohol

Concen: 32.105 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

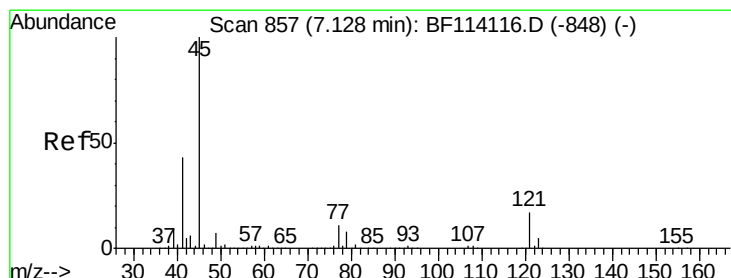
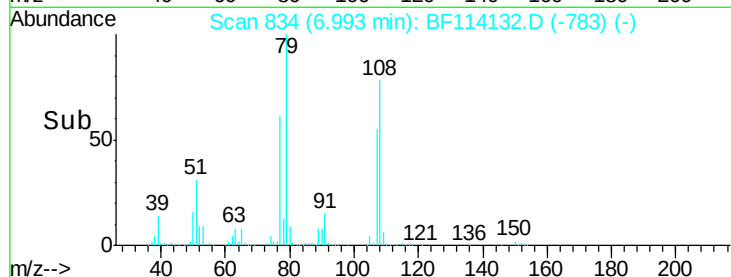
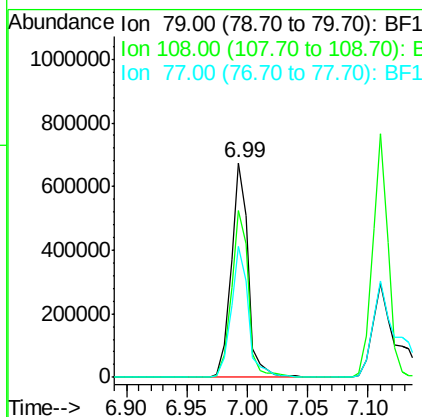
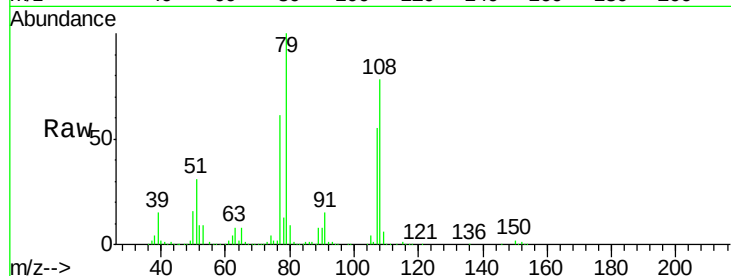
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 658170 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.9  | 62.1  | 93.1   |
| 77        | 61.1  | 51.0  | 76.6   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.984 ng

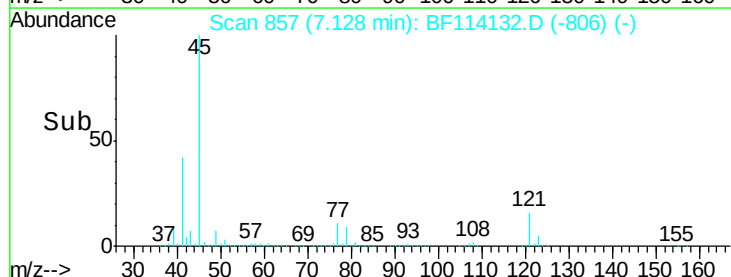
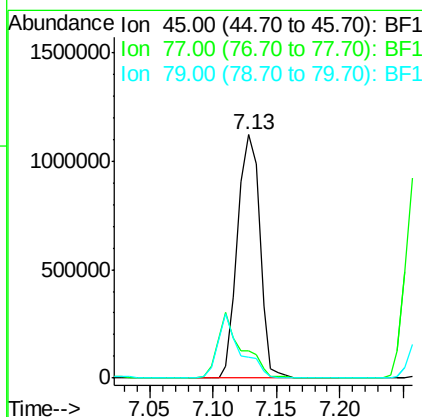
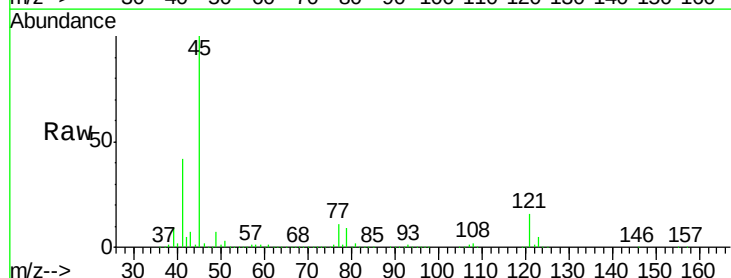
RT: 7.13 min Scan# 857

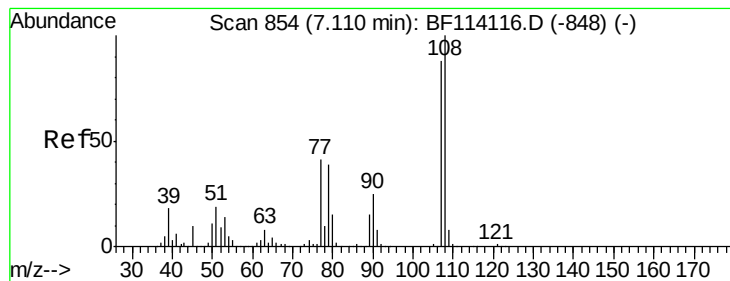
Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1364748 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 11.2  | 0.0   | 31.1    |
| 79        | 8.7   | 0.0   | 28.4    |





#17

2-Methylphenol

Concen: 30.743 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF114132.D

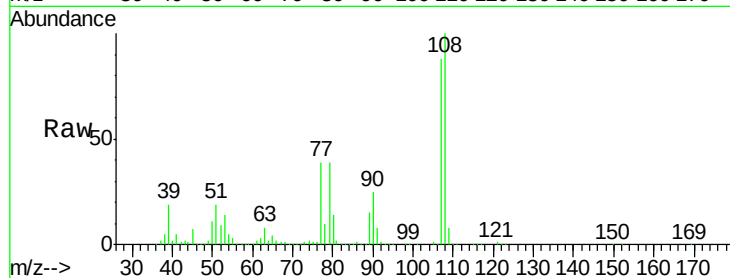
Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

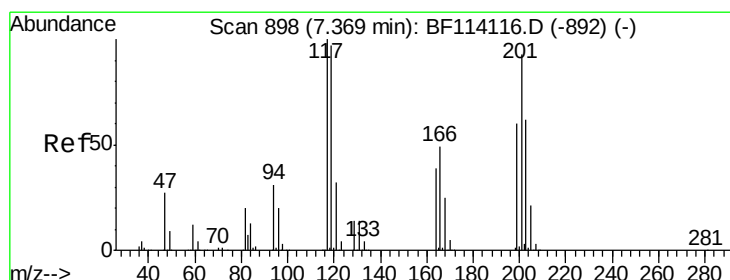
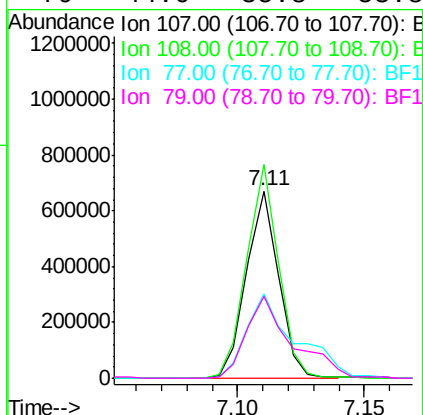
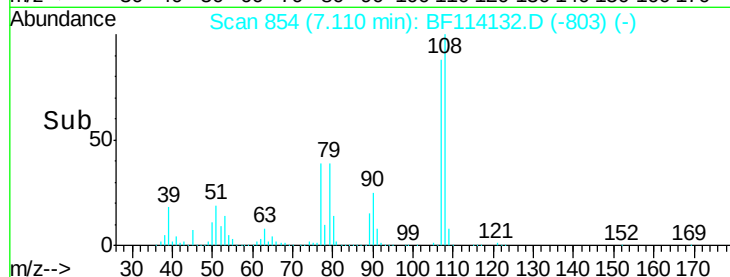
P021-SS001-0002-01MS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 599160 |       |       |
| 108     | 114.1 | 90.5   | 135.7 |       |
| 77      | 45.1  | 37.0   | 55.4  |       |
| 79      | 44.0  | 35.8   | 53.8  |       |

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#18

Hexachloroethane

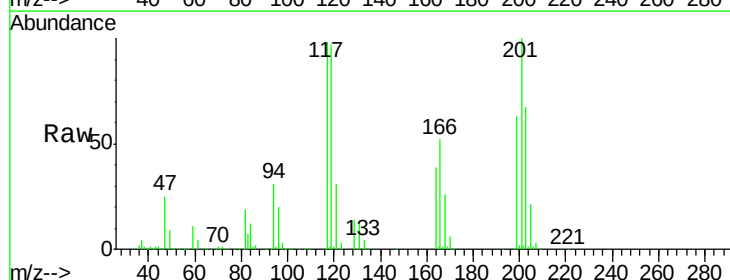
Concen: 23.566 ng

RT: 7.37 min Scan# 898

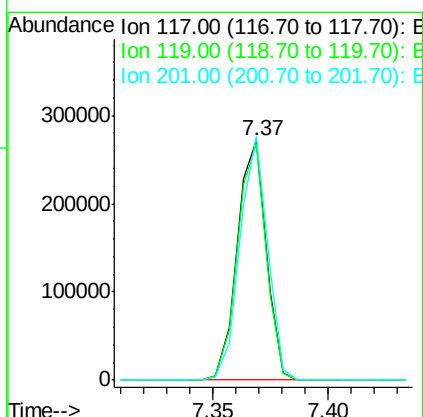
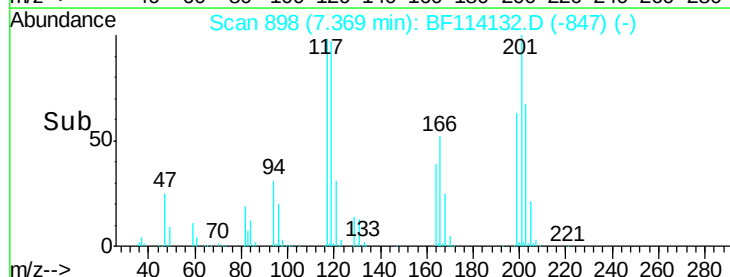
Delta R.T. 0.00 min

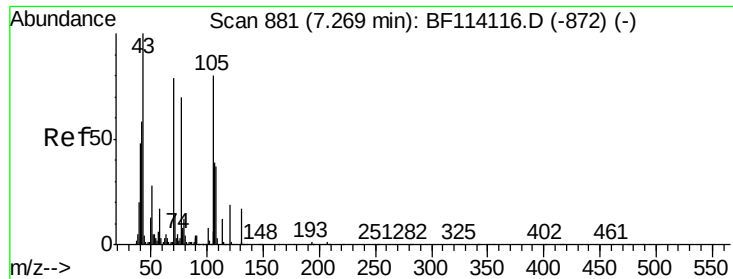
Lab File: BF114132.D

Acq: 10 May 2019 20:34



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 237390 |       |       |
| 119     | 98.2  | 77.4   | 116.2 |       |
| 201     | 101.6 | 74.5   | 111.7 |       |





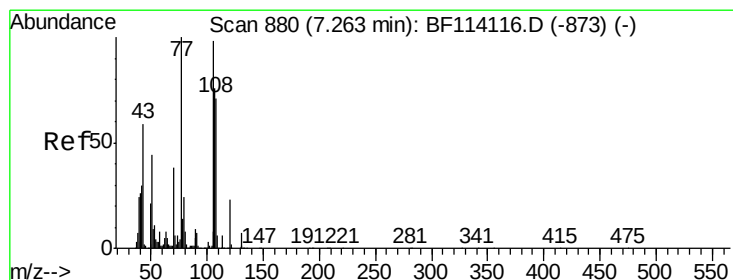
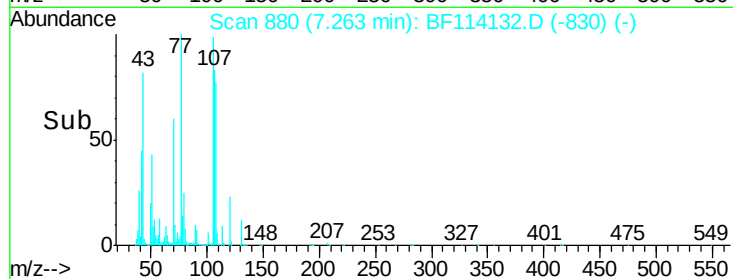
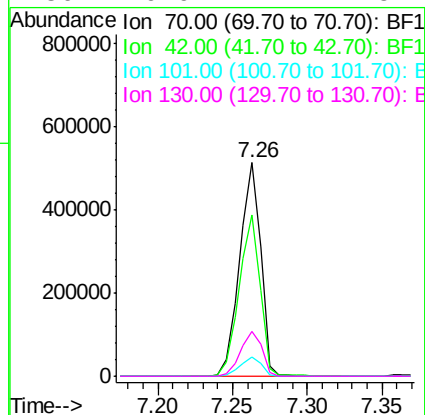
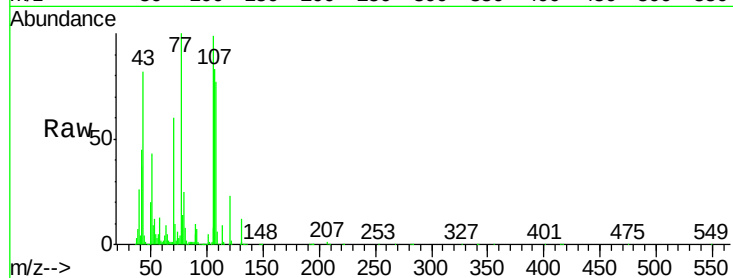
#19  
n-Nitroso-di-n-propylamine  
Concen: 30.340 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 505491 |       |       |
| 42      | 75.3  | 58.6   | 87.8  |       |
| 101     | 9.2   | 7.8    | 11.8  |       |
| 130     | 20.9  | 17.1   | 25.7  |       |

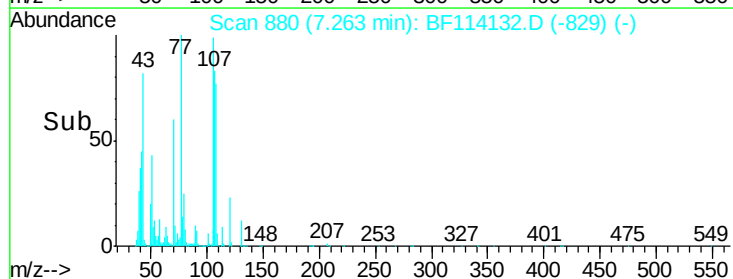
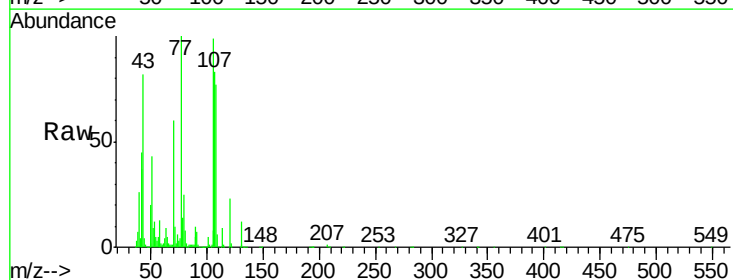
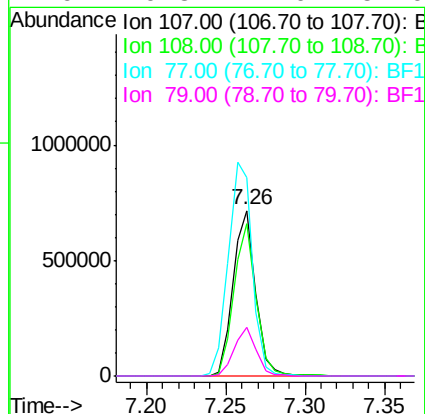
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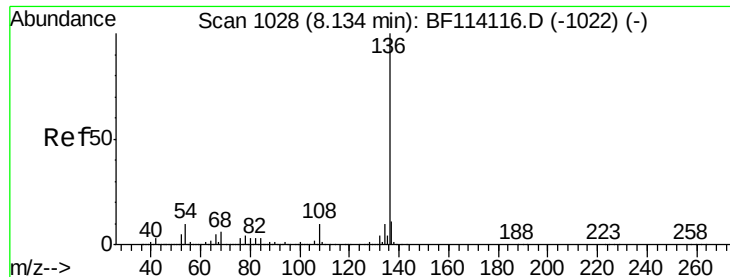
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#20  
3+4-Methylphenols  
Concen: 31.303 ng  
RT: 7.26 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 704867 |       |       |
| 108     | 92.6  | 73.8   | 113.8 |       |
| 77      | 120.0 | 111.5  | 151.5 |       |
| 79      | 29.8  | 12.0   | 52.0  |       |





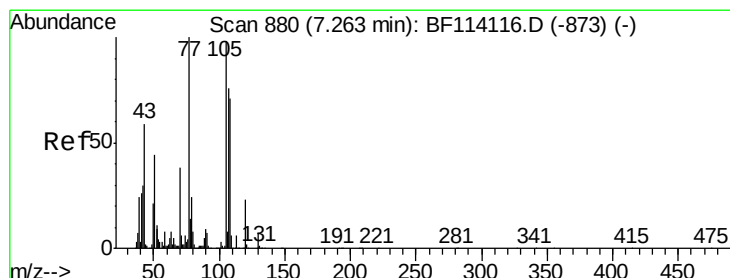
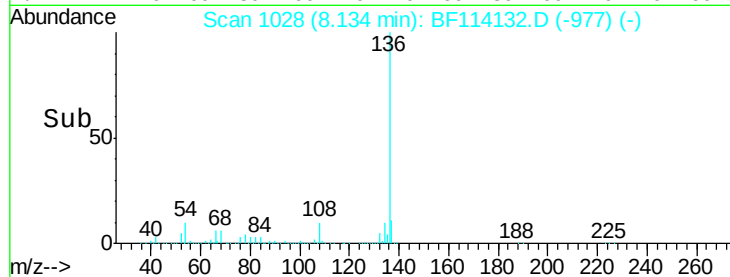
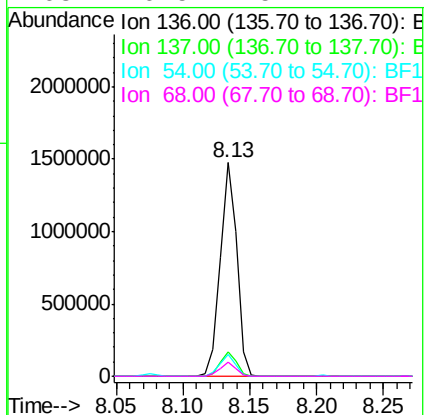
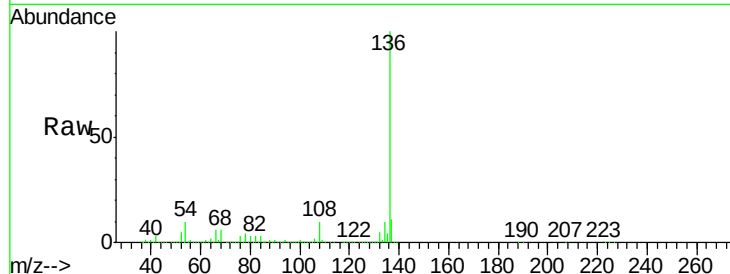
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 136     | 100   | 1304320 |       |       |
| 137     | 11.3  | 8.8     | 13.2  |       |
| 54      | 9.9   | 7.8     | 11.8  |       |
| 68      | 6.5   | 5.1     | 7.7   |       |

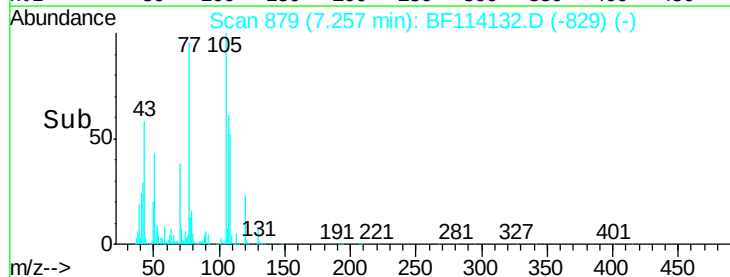
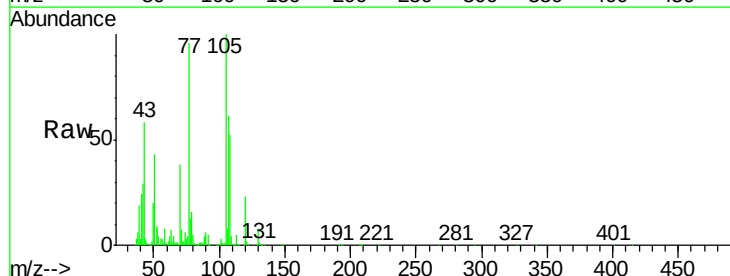
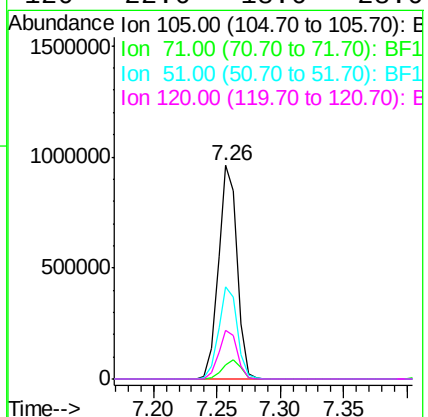
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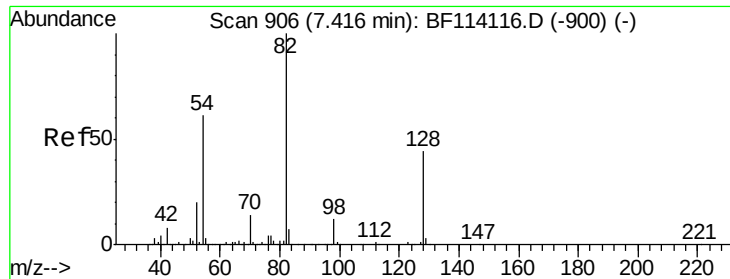
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#22  
Acetophenone  
Concen: 34.196 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 988105 |       |       |
| 71      | 6.6   | 5.3    | 7.9   |       |
| 51      | 43.4  | 36.2   | 54.4  |       |
| 120     | 22.6  | 18.6   | 28.0  |       |





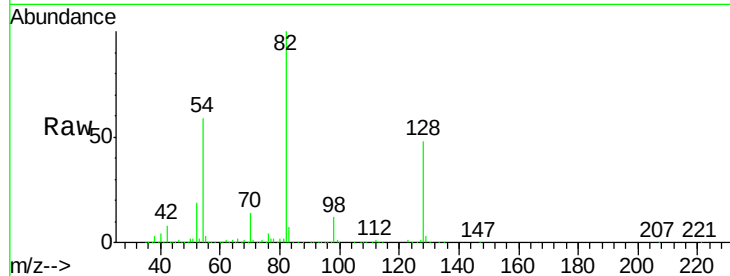
#23  
 Nitrobenzene-d5  
 Concen: 63.304 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

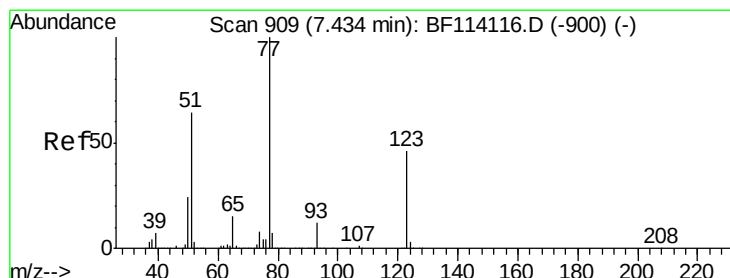
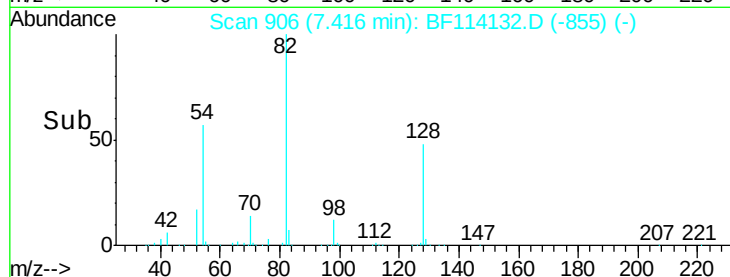
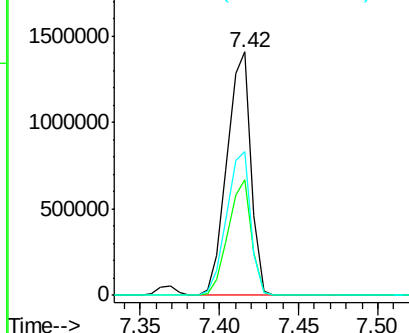
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.7  | 35.5  | 53.3  |
| 54      | 58.9  | 48.5  | 72.7  |

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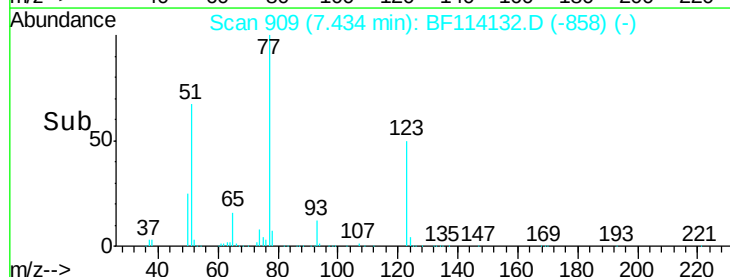
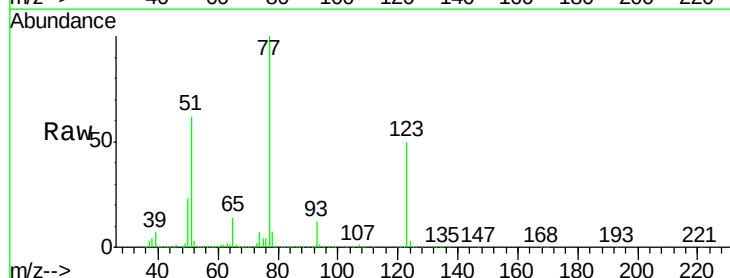
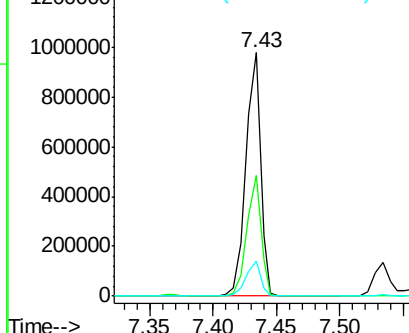
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



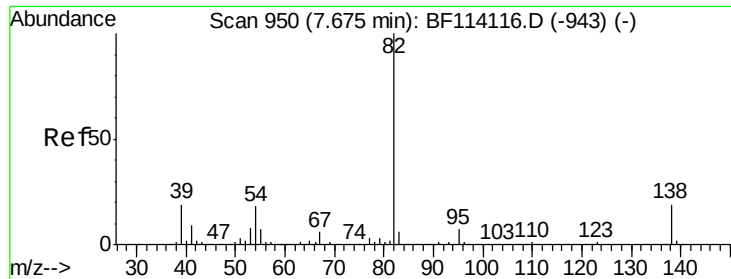
#24  
 Nitrobenzene  
 Concen: 33.260 ng  
 RT: 7.43 min Scan# 909  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.8  | 36.9  | 55.3  |
| 65      | 14.5  | 11.8  | 17.6  |

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: 32.148 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion: 82 Resp: 1385717

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

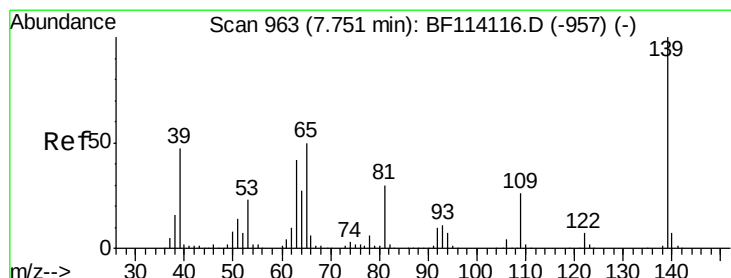
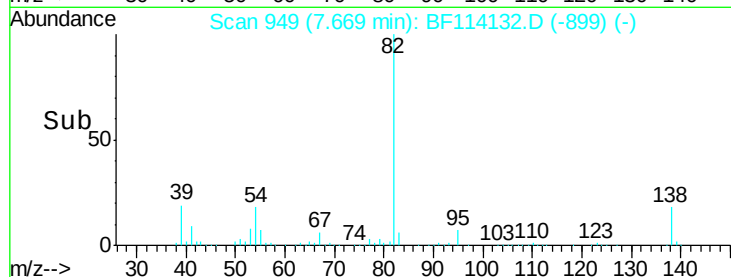
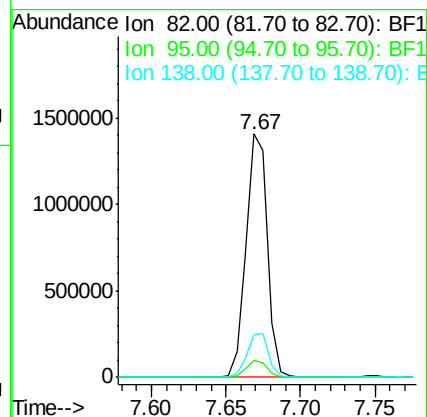
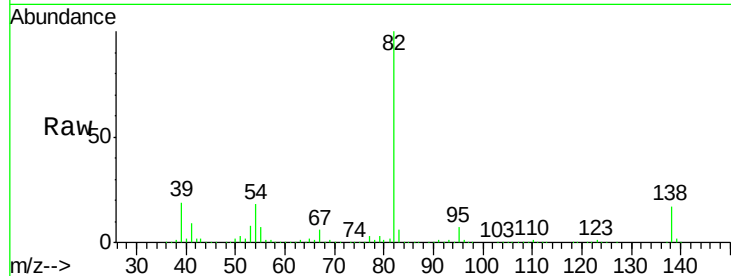
138 17.5 14.8 22.2

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#26

2-Nitrophenol

Concen: 33.469 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

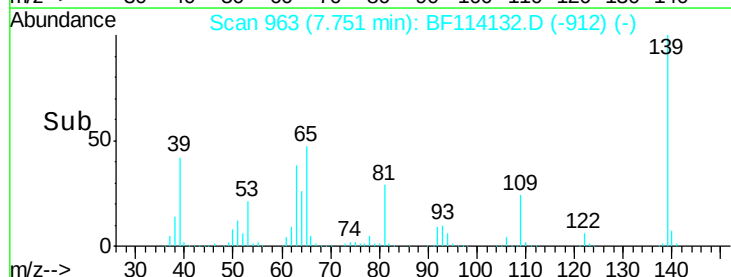
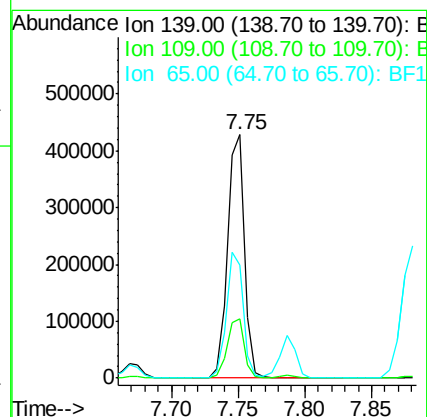
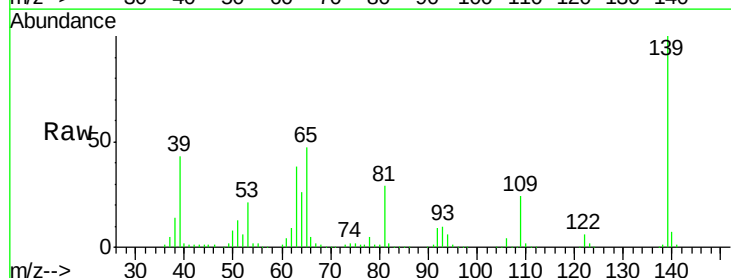
Tgt Ion: 139 Resp: 384382

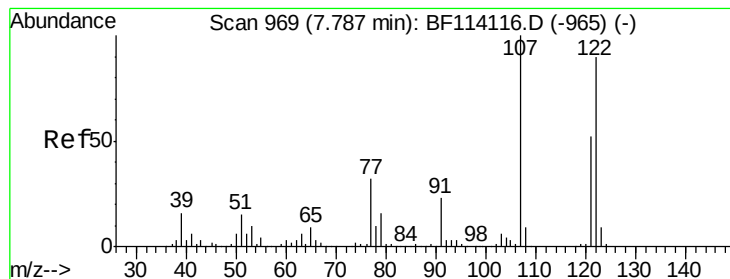
Ion Ratio Lower Upper

139 100

109 24.2 20.7 31.1

65 46.7 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 34.420 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF114132.D

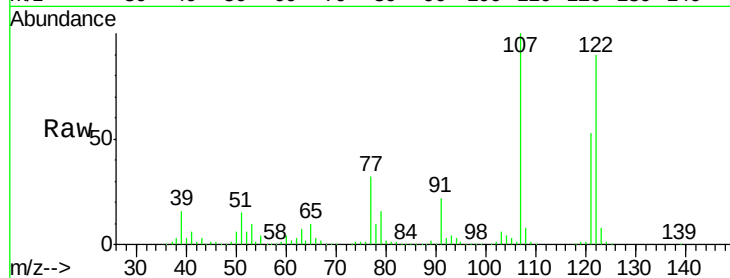
Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

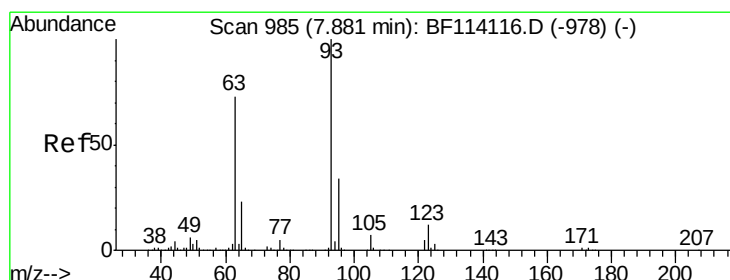
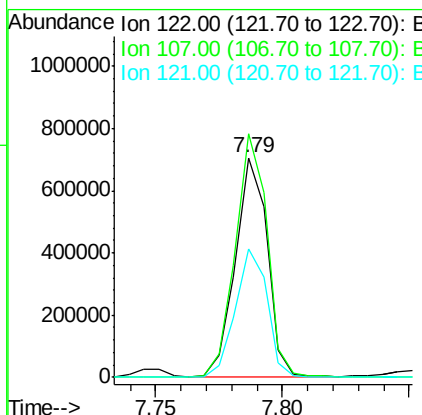
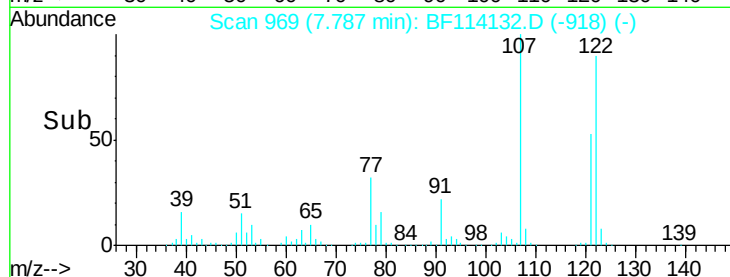
P021-SS001-0002-01MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 620849 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.8 | 88.4  | 132.6  |
| 121       | 58.5  | 45.9  | 68.9   |

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#28

bis(2-Chloroethoxy)methane

Concen: 32.016 ng

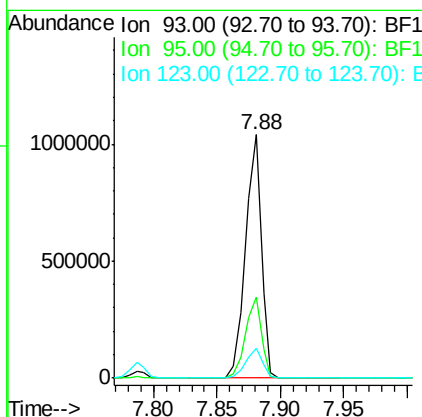
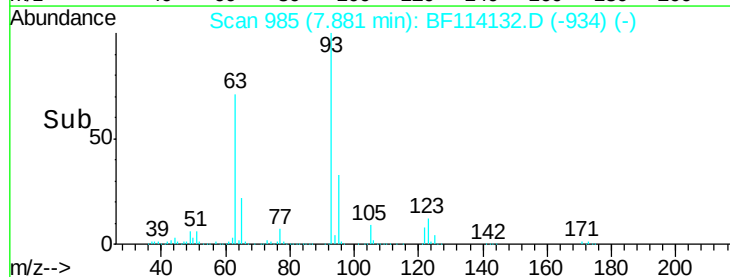
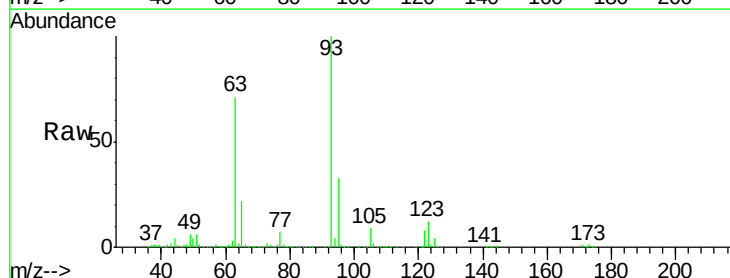
RT: 7.88 min Scan# 985

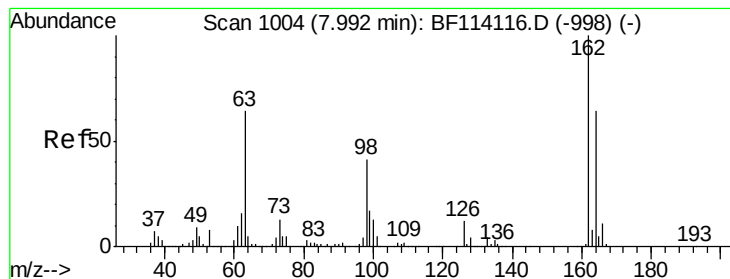
Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 895410 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.1  | 26.8  | 40.2   |
| 123       | 12.1  | 9.5   | 14.3   |





#29

2,4-Dichlorophenol

Concen: 31.816 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

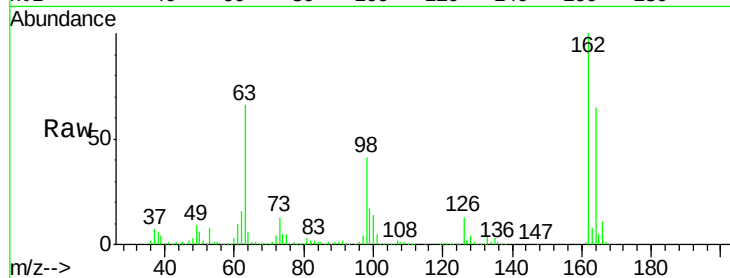
ClientSampleId :

P021-SS001-0002-01MS

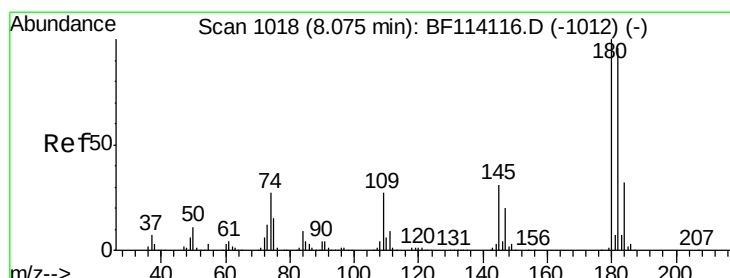
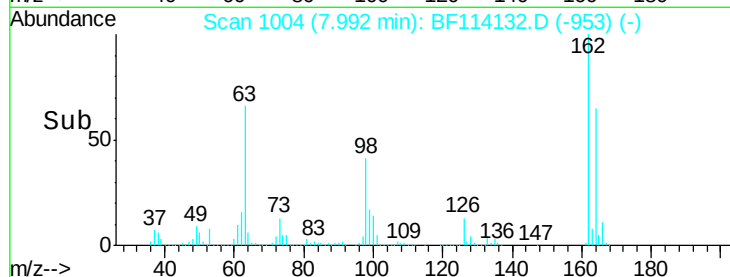
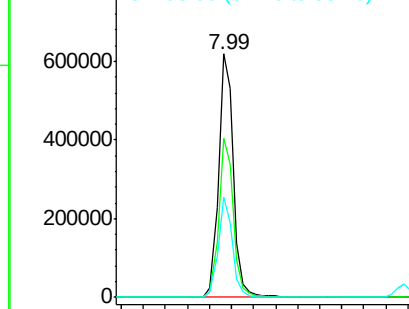
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 571450 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.4  | 43.6  | 83.6   |
| 98        | 41.0  | 20.6  | 60.6   |

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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: 30.466 ng

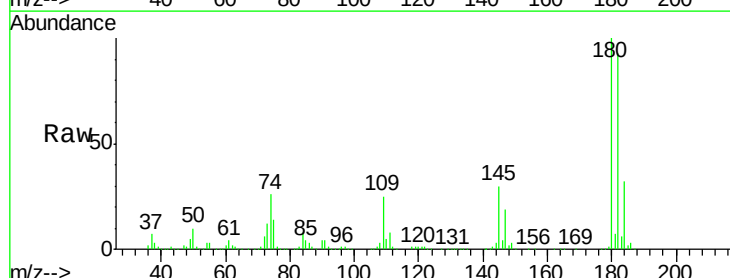
RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

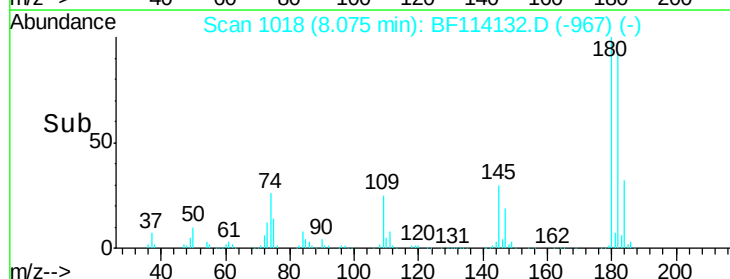
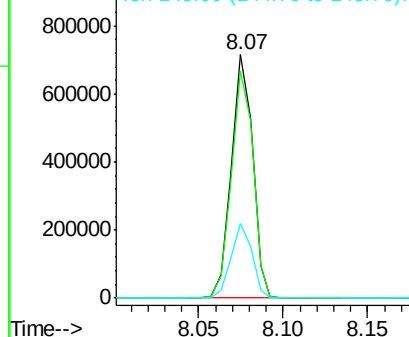
Lab File: BF114132.D

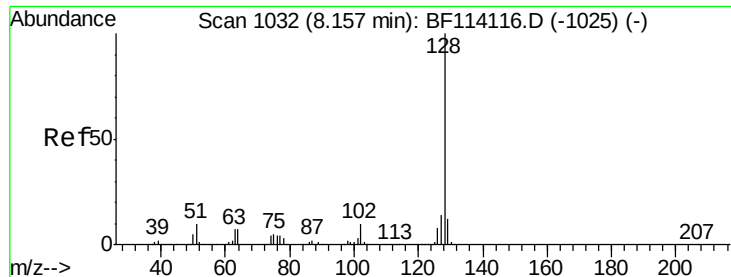
Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 622240 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.4  | 76.6  | 114.8  |
| 145       | 30.4  | 25.1  | 37.7   |



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





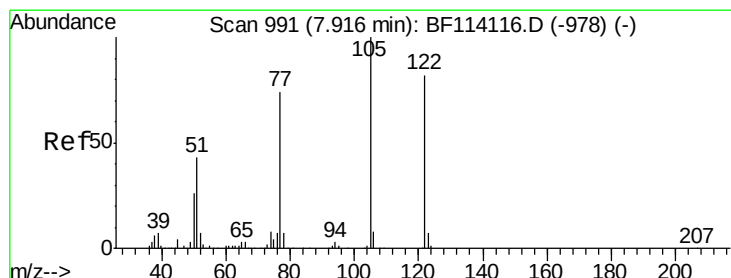
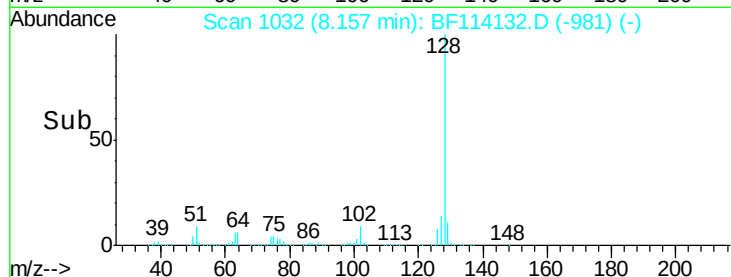
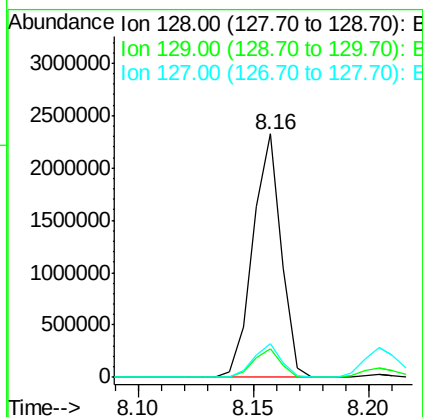
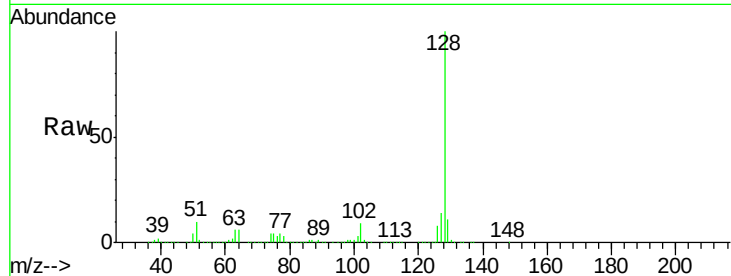
#31  
Naphthalene  
Concen: 32.676 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.6   | 14.4  |
| 127     | 14.0  | 11.3  | 16.9  |

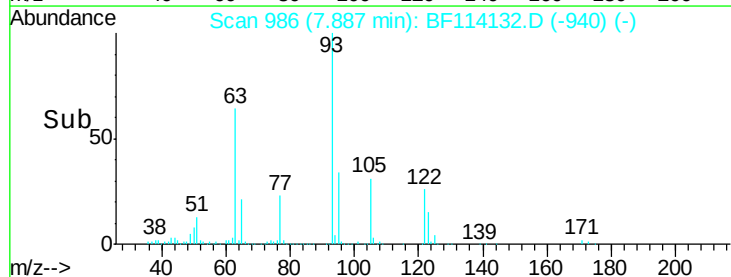
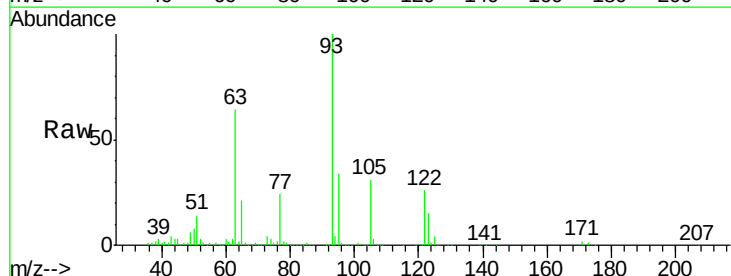
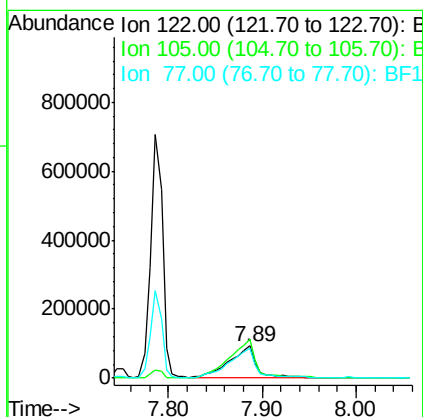
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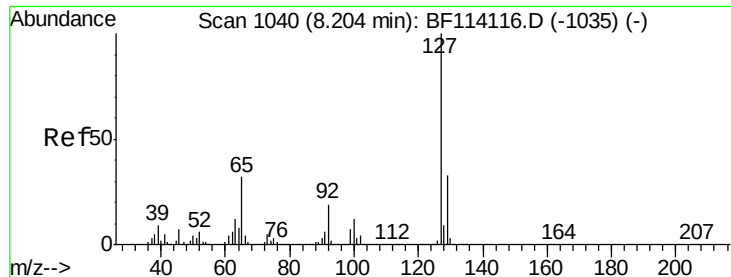
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#32  
Benzoic acid  
Concen: 19.279 ng  
RT: 7.89 min Scan# 986  
Delta R.T. -0.03 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.8 | 99.9  | 139.9 |
| 77      | 91.7  | 69.4  | 109.4 |





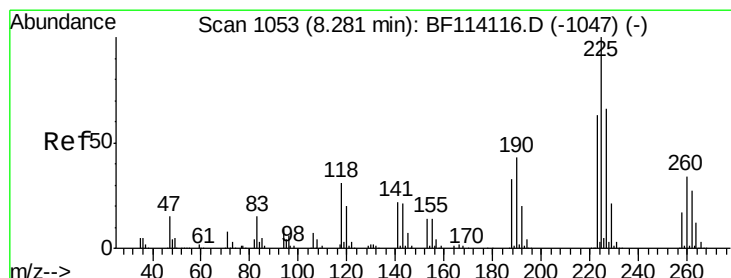
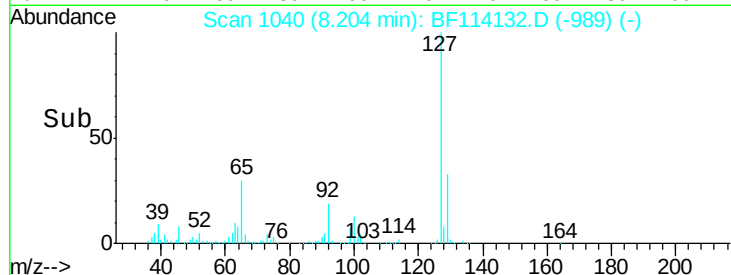
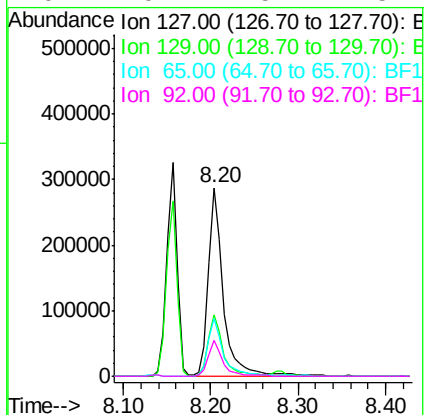
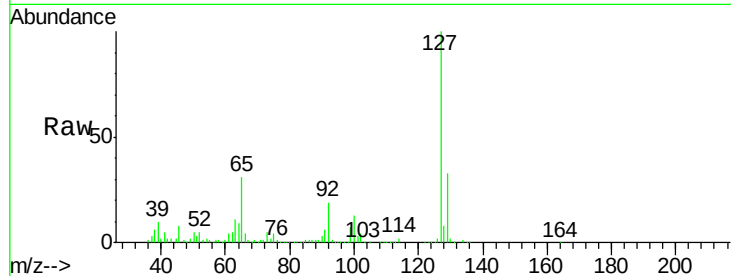
#33  
4-Chloroaniline  
Concen: 12.225 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 339428 |       |       |
| 129     | 32.8  | 26.7   | 40.1  |       |
| 65      | 30.6  | 25.4   | 38.0  |       |
| 92      | 19.2  | 15.4   | 23.2  |       |

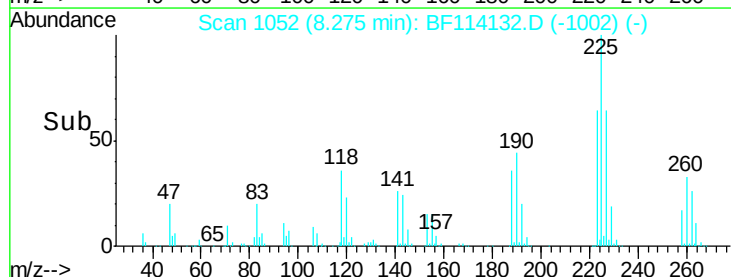
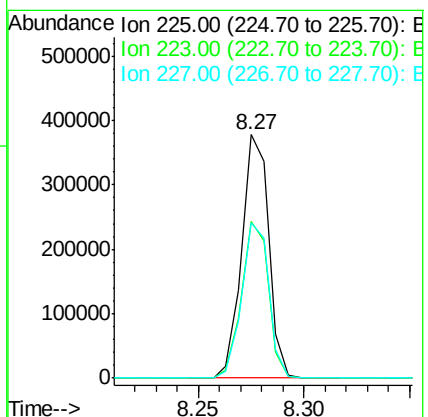
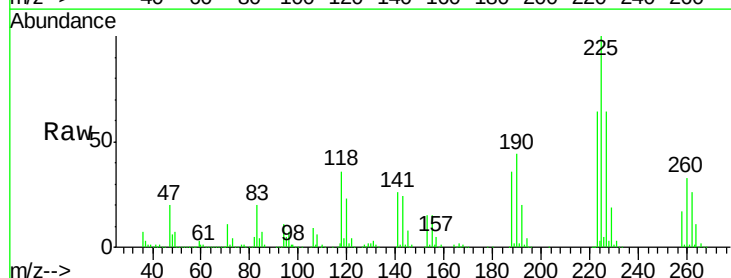
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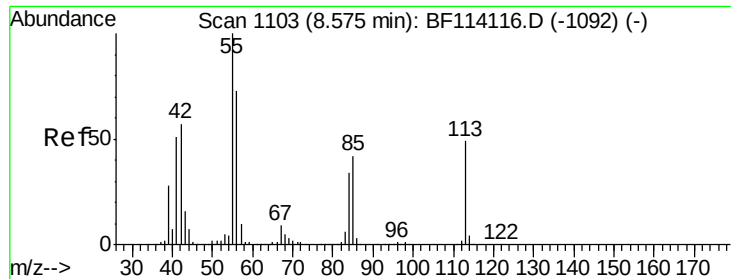
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#34  
Hexachlorobutadiene  
Concen: 28.610 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 332477 |       |       |
| 223     | 64.1  | 50.2   | 75.2  |       |
| 227     | 63.9  | 52.6   | 79.0  |       |





#35

Caprolactam

Concen: 32.504 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

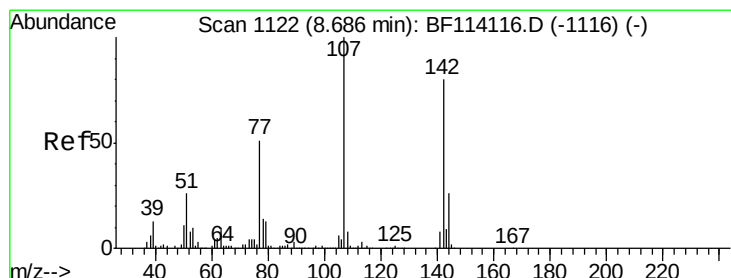
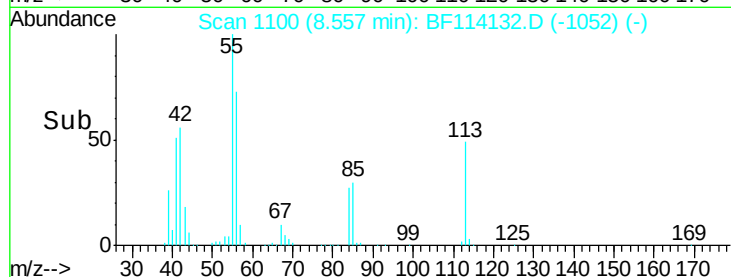
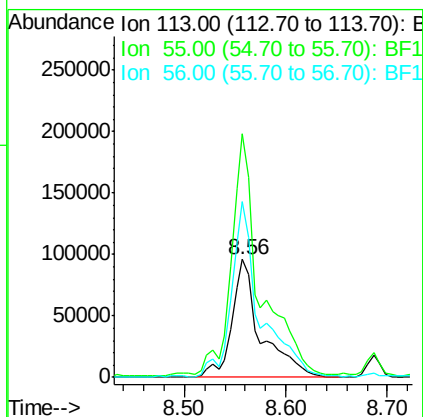
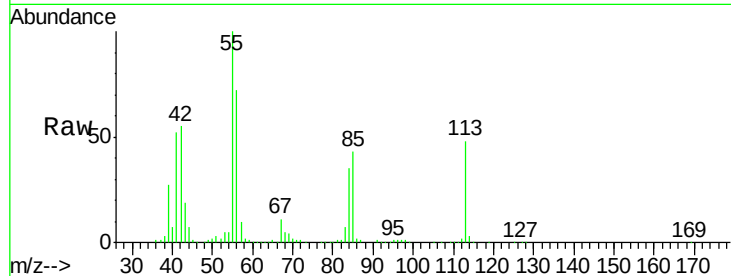
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 190365 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 206.4 | 183.5 | 223.5  |
| 56        | 149.5 | 128.8 | 168.8  |

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#36

4-Chloro-3-methylphenol

Concen: 32.431 ng

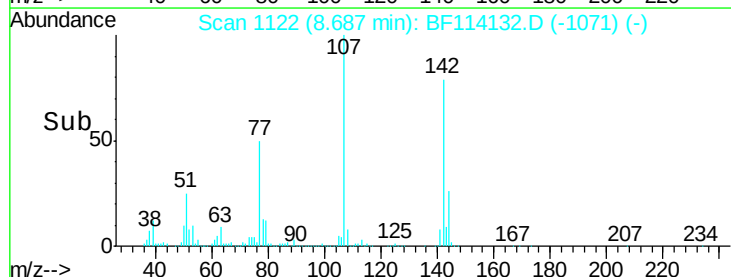
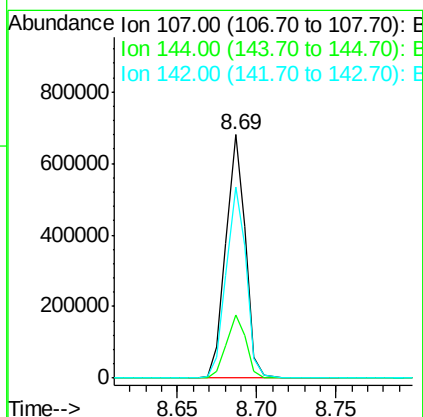
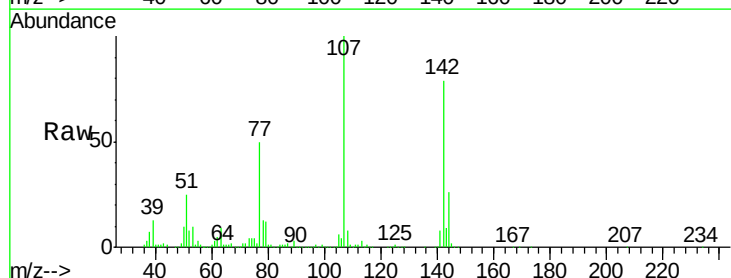
RT: 8.69 min Scan# 1122

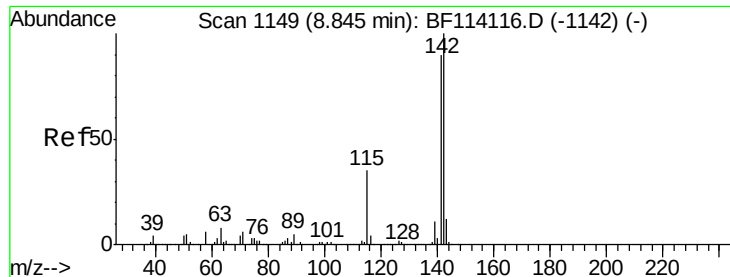
Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 586333 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.8  | 20.4  | 30.6   |
| 142       | 78.6  | 64.2  | 96.4   |





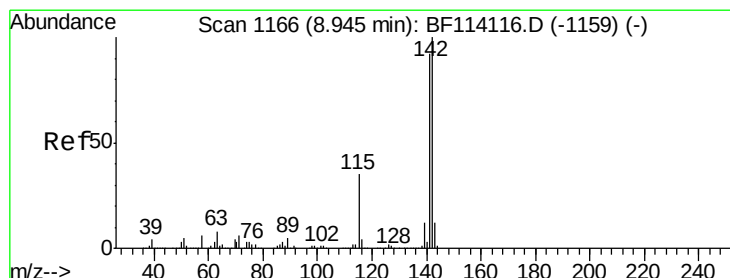
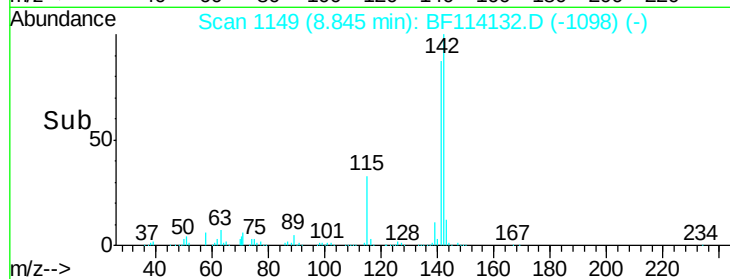
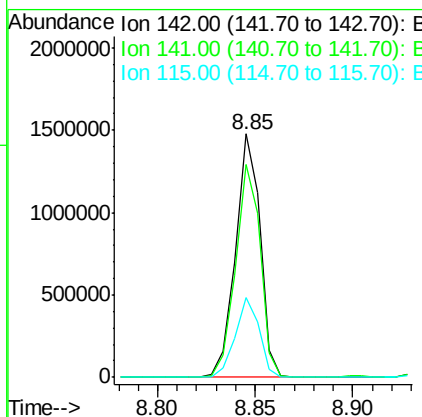
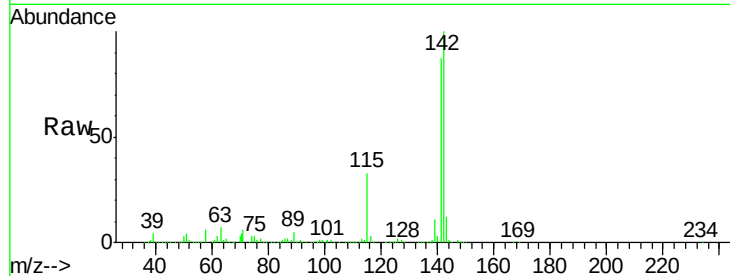
#37  
 2-Methylnaphthalene  
 Concen: 32.872 ng  
 RT: 8.85 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.4  | 72.1  | 108.1 |
| 115     | 32.5  | 28.0  | 42.0  |

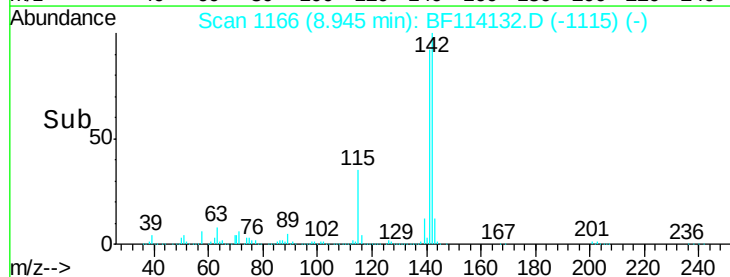
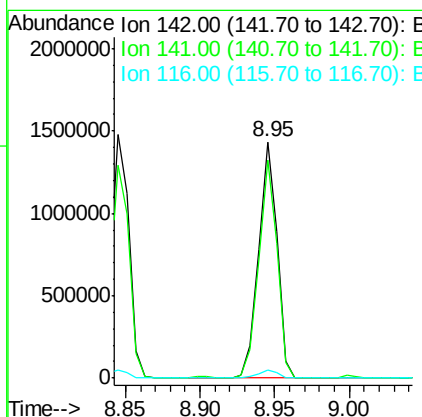
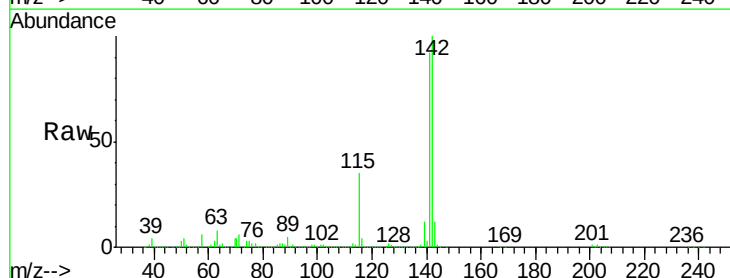
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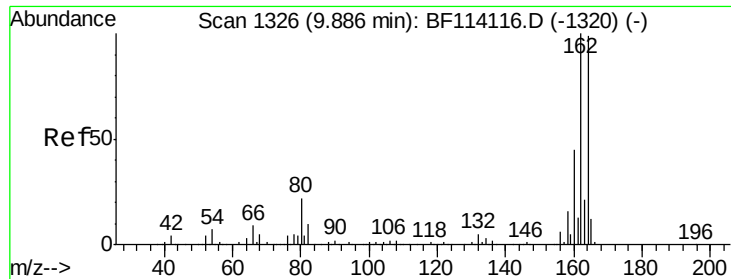
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#38  
 1-Methylnaphthalene  
 Concen: 32.649 ng  
 RT: 8.95 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.4  | 110.0 |
| 116     | 3.6   | 3.1   | 4.7   |





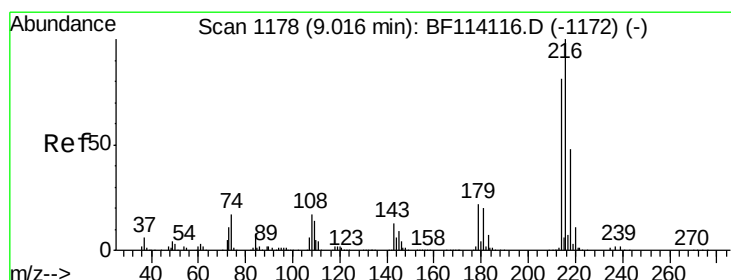
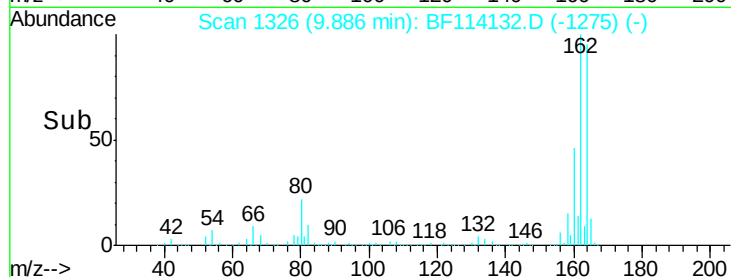
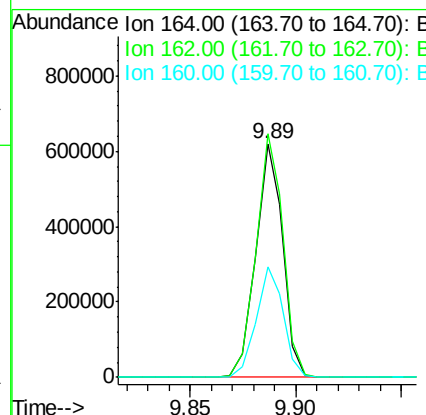
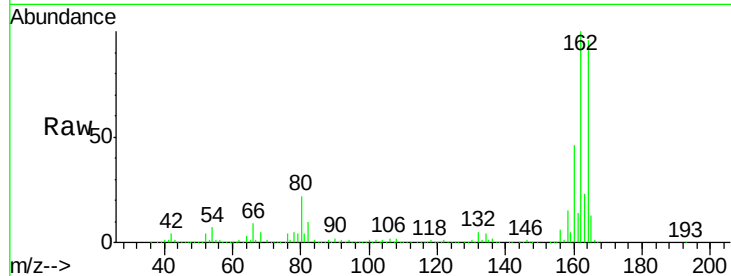
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 547755 |       |       |
| 162     | 104.0 | 80.6   | 120.8 |       |
| 160     | 47.4  | 36.5   | 54.7  |       |

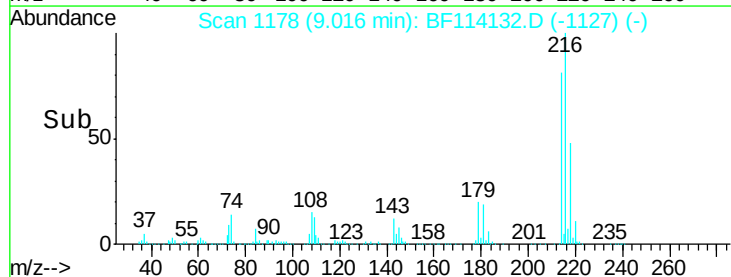
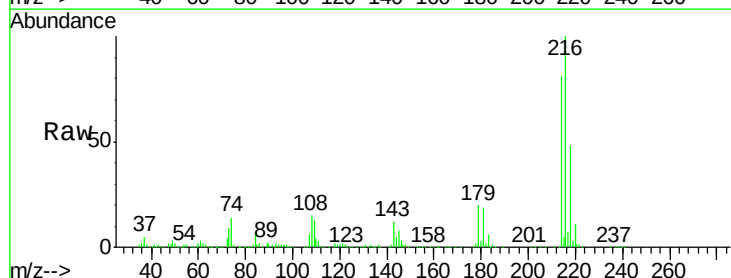
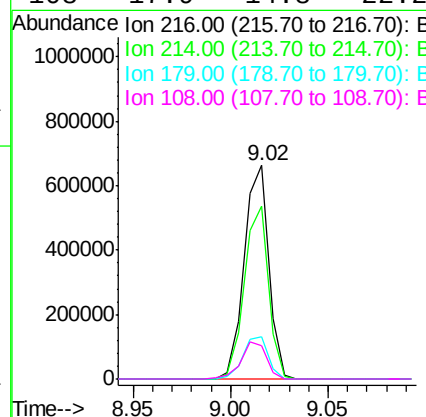
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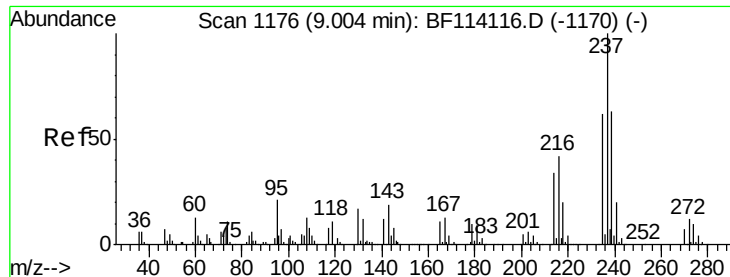


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 34.889 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 578905 |       |       |
| 214     | 79.7  | 63.9   | 95.9  |       |
| 179     | 20.7  | 17.0   | 25.6  |       |
| 108     | 17.9  | 14.8   | 22.2  |       |







#41

Hexachlorocyclopentadiene

Concen: 16.951 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

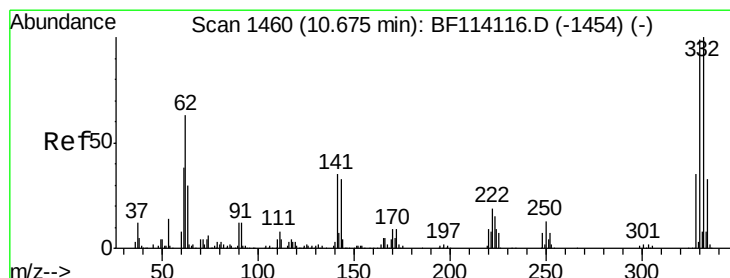
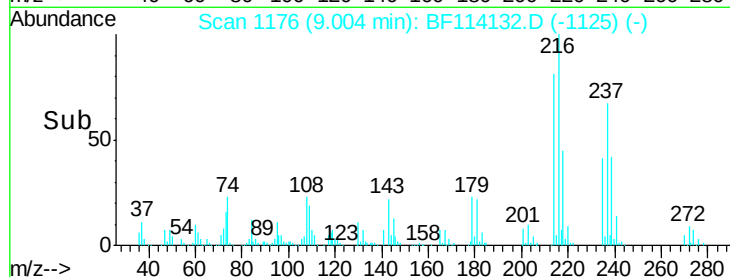
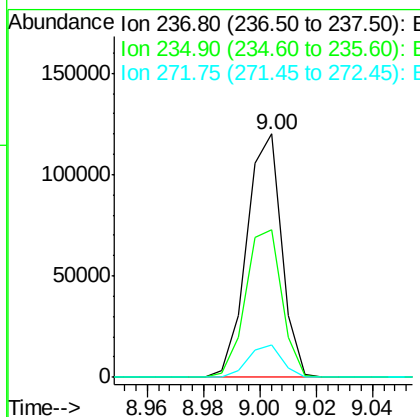
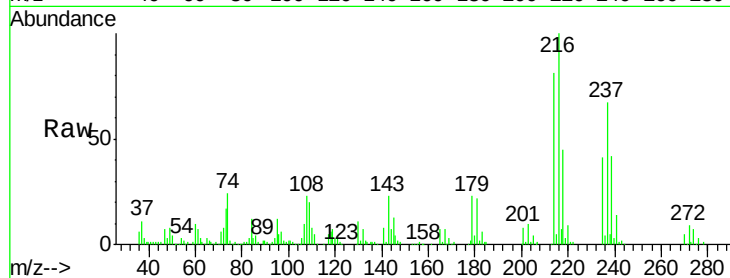
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 103185 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 60.6  | 42.0  | 82.0   |
| 272       | 13.5  | 0.0   | 32.4   |

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#42

2,4,6-Tribromophenol

Concen: 90.855 ng

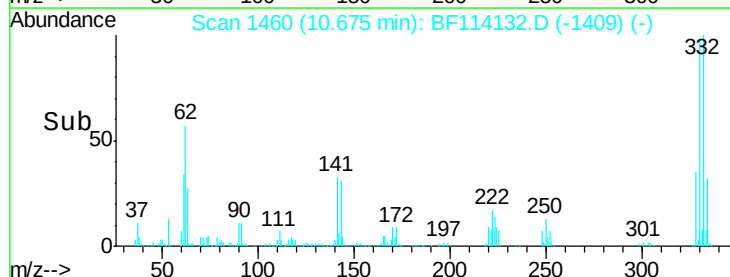
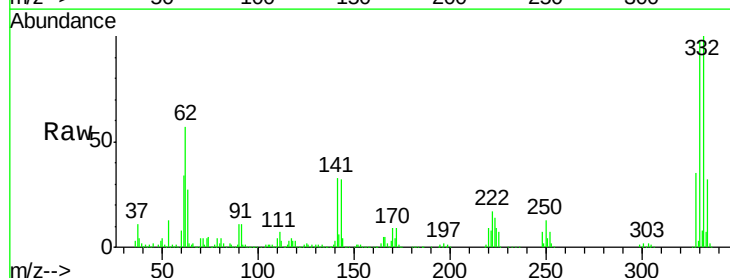
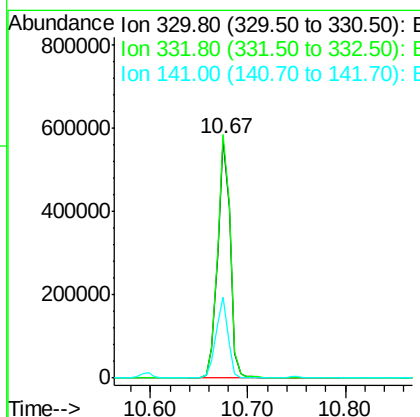
RT: 10.67 min Scan# 1460

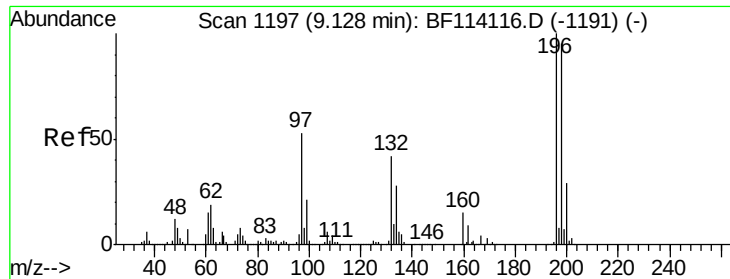
Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 514497 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 101.8 | 81.4  | 122.2  |
| 141       | 32.1  | 26.6  | 40.0   |





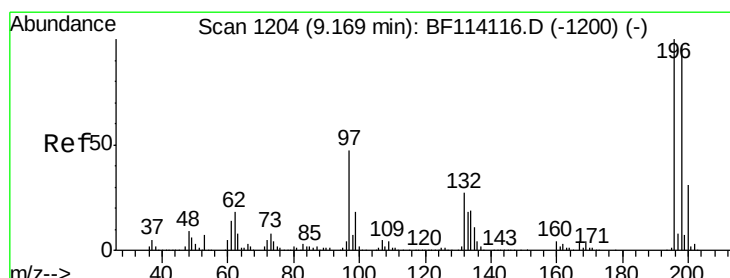
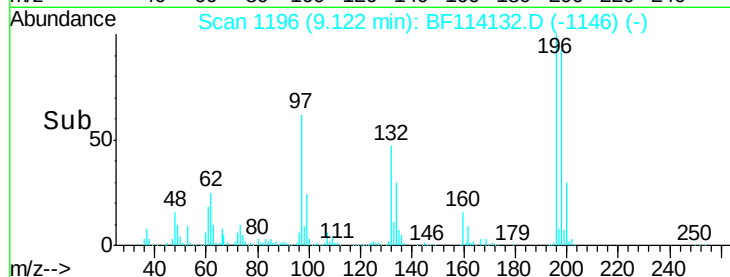
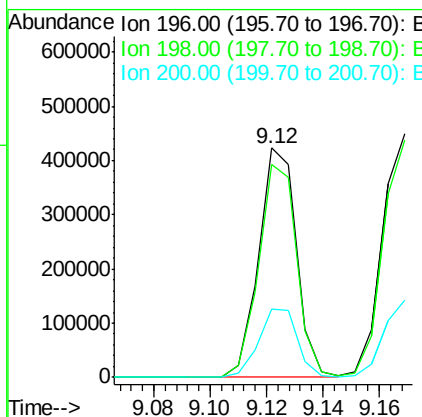
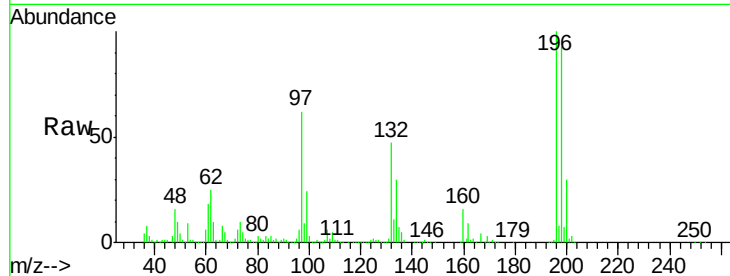
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.322 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 391714 |       |       |
| 198     | 93.0  | 75.9   | 113.9 |       |
| 200     | 29.7  | 23.5   | 35.3  |       |

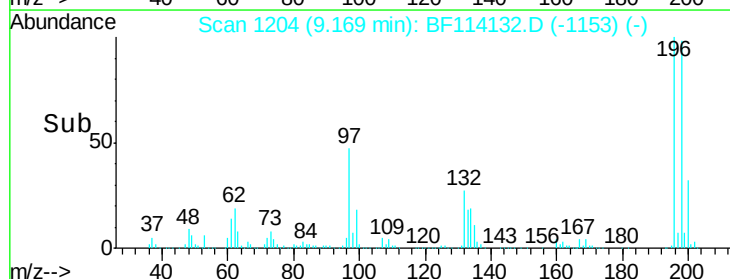
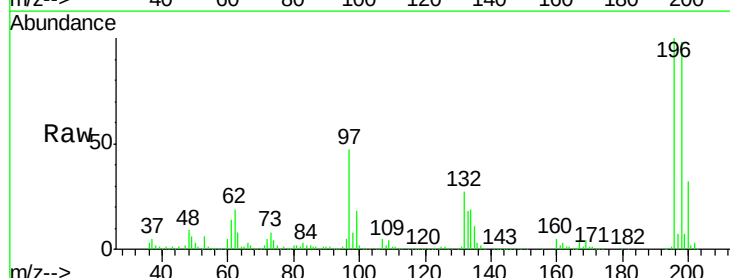
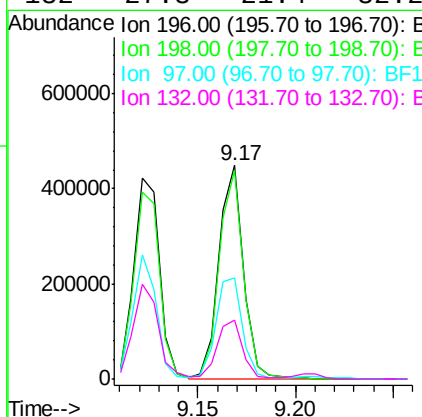
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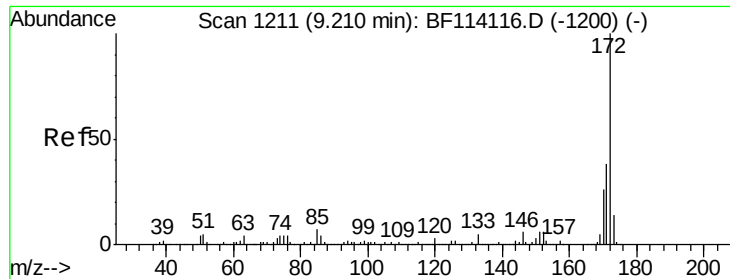
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#44  
 2,4,5-Trichlorophenol  
 Concen: 33.477 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 391831 |       |       |
| 198     | 97.5  | 77.7   | 116.5 |       |
| 97      | 47.3  | 38.2   | 57.2  |       |
| 132     | 27.3  | 21.4   | 32.2  |       |





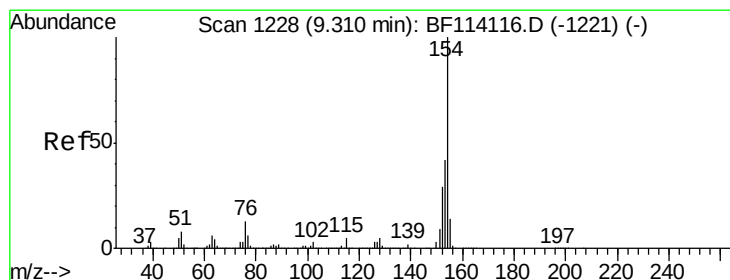
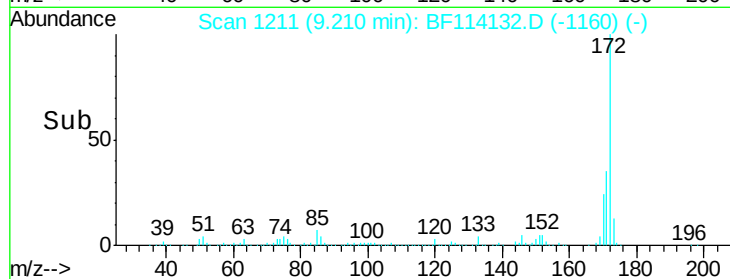
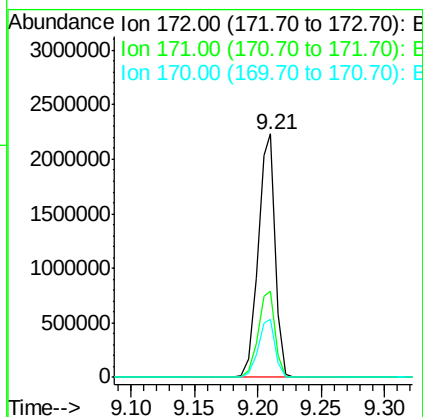
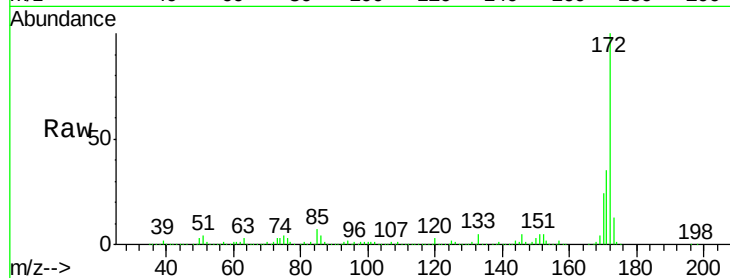
#45  
 2-Fluorobiphenyl  
 Concen: 58.122 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.2  | 30.7  | 46.1  |
| 170     | 24.0  | 20.5  | 30.7  |

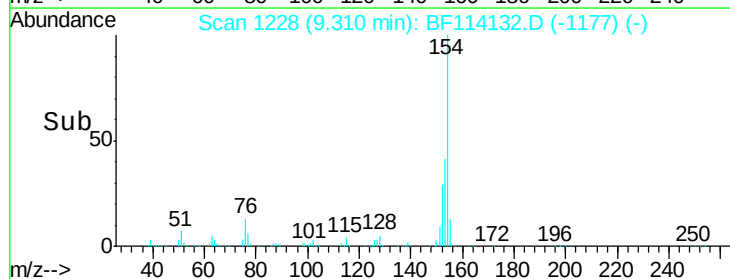
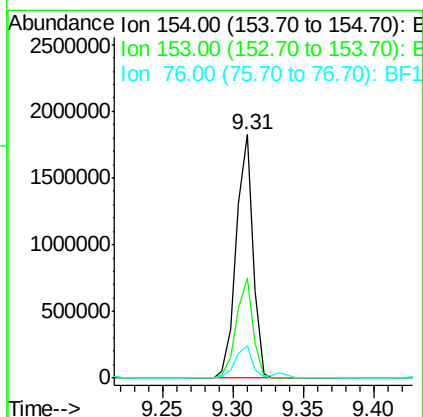
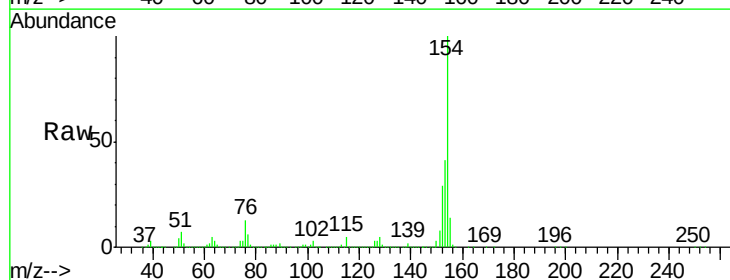
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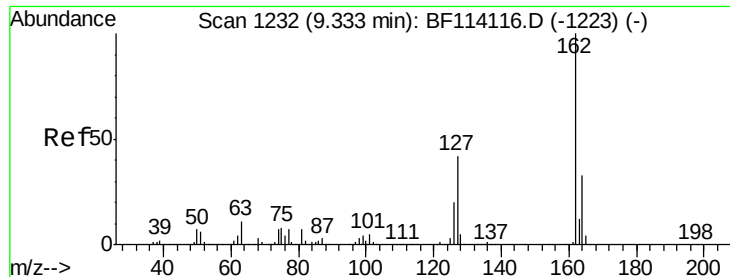
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#46  
 1,1'-Biphenyl  
 Concen: 34.012 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 21.9  | 61.9  |
| 76      | 13.1  | 0.0   | 32.8  |





#47

2-Chloronaphthalene

Concen: 32.154 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion: 162 Resp: 1145086

Ion Ratio Lower Upper

162 100

127 40.7 34.0 51.0

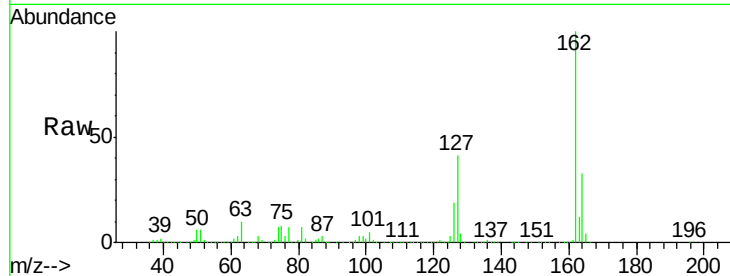
164 33.4 26.7 40.1

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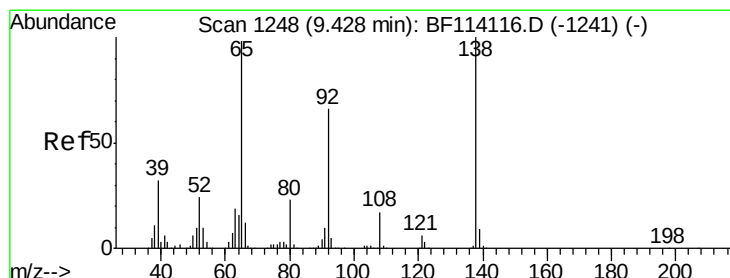
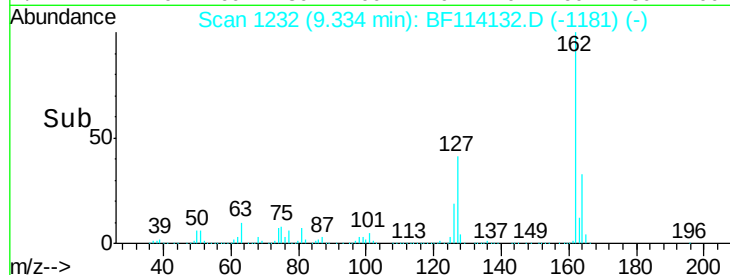
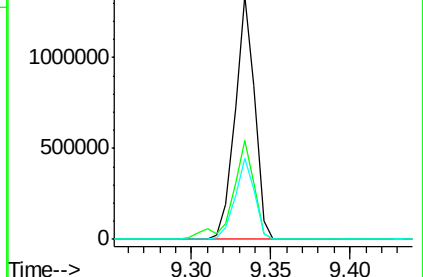
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 32.520 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

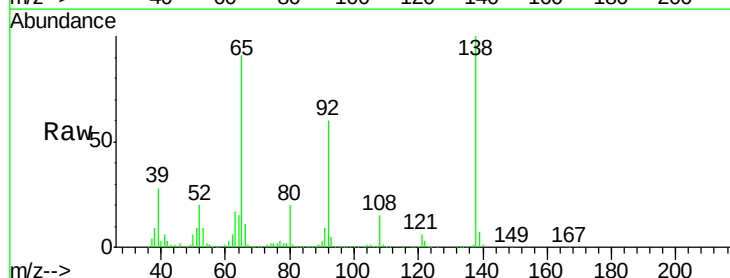
Tgt Ion: 65 Resp: 410734

Ion Ratio Lower Upper

65 100

92 66.0 53.9 80.9

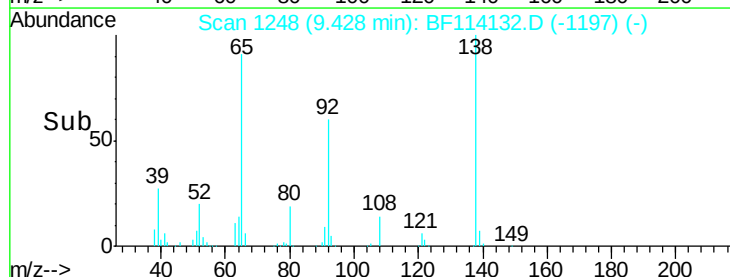
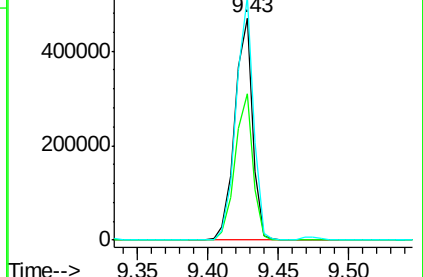
138 109.5 81.4 122.0

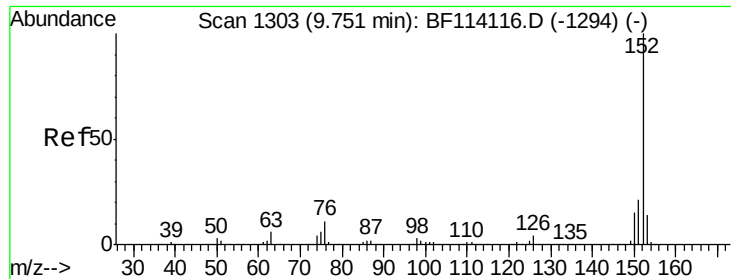


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.427 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114132.D

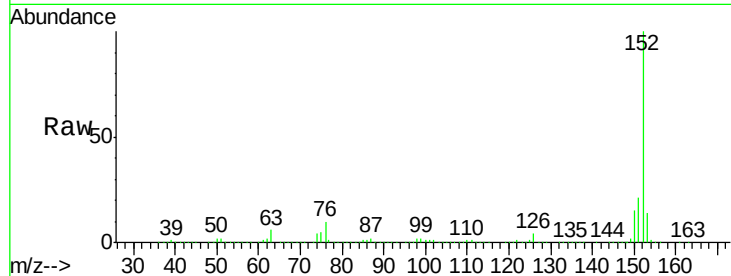
Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS



Tgt Ion:152 Resp: 1756425

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

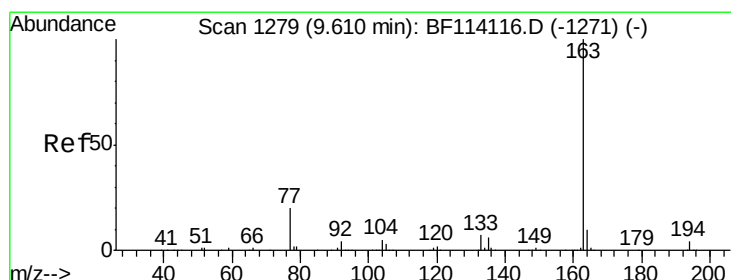
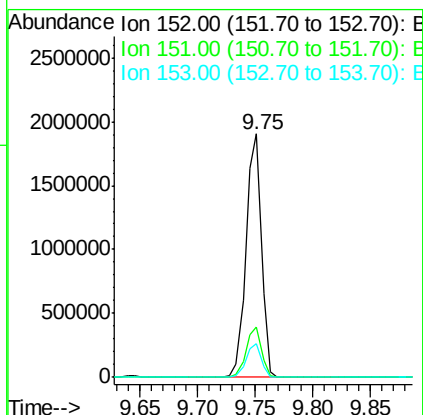
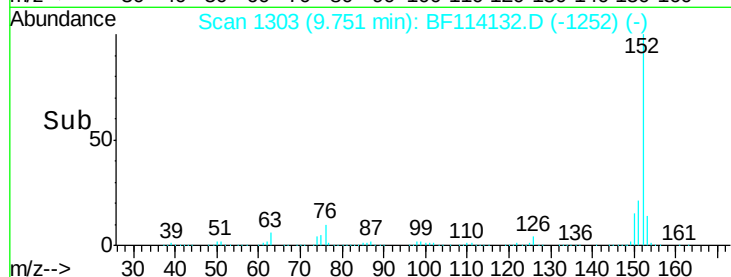
153 13.7 11.4 17.2

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#50

Dimethylphthalate

Concen: 42.806 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

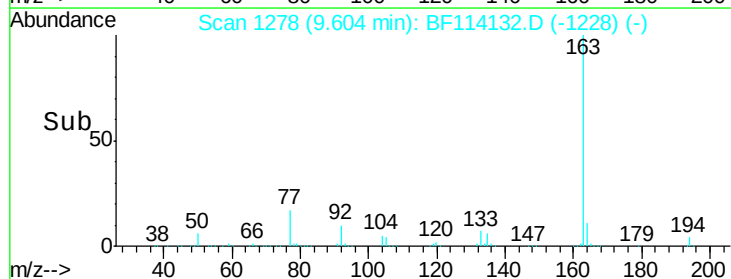
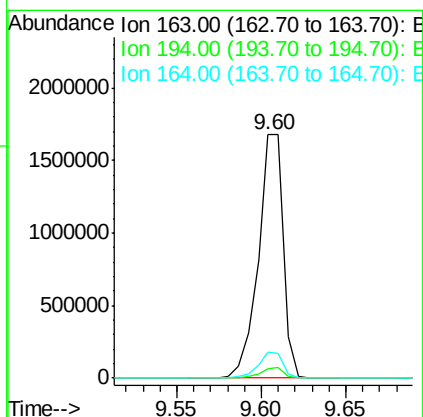
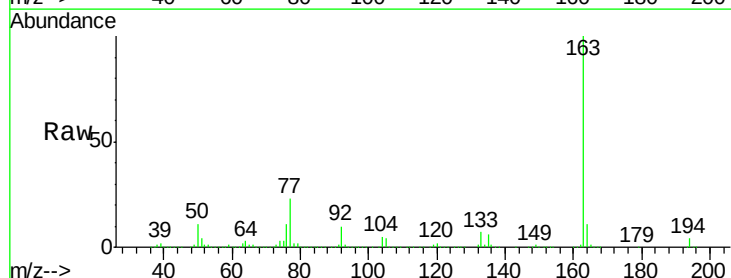
Tgt Ion:163 Resp: 1721239

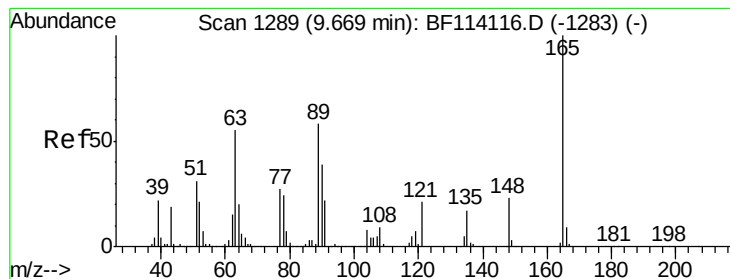
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 32.111 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion:165 Resp: 286390  
Ion Ratio Lower Upper

165 100

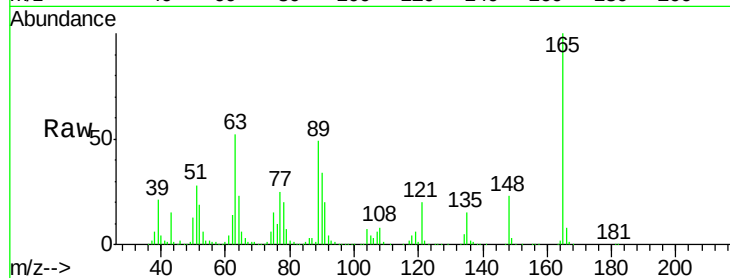
63 52.4 50.2 75.4

89 49.2 46.6 69.8

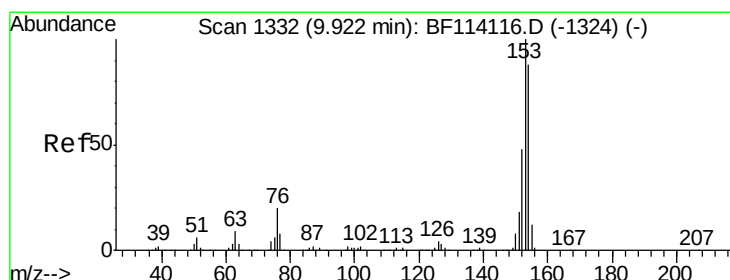
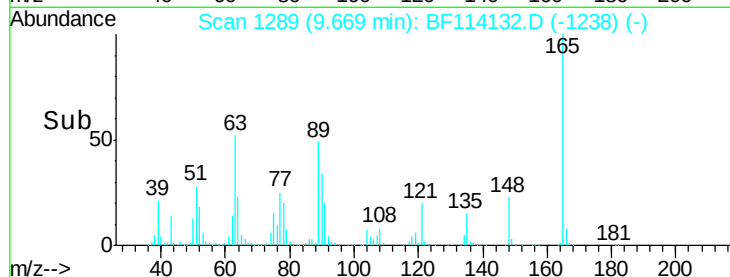
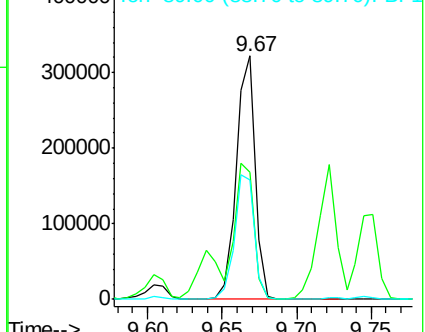
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Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.179 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF114132.D

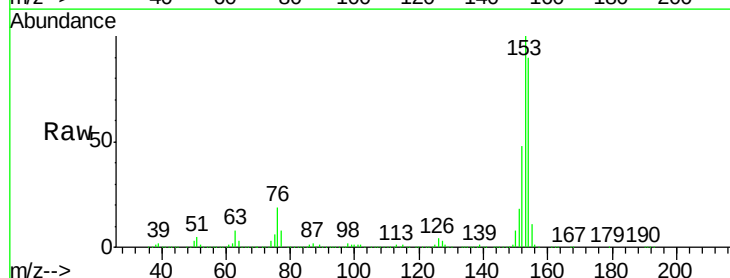
Acq: 10 May 2019 20:34

Tgt Ion:154 Resp: 1069573  
Ion Ratio Lower Upper

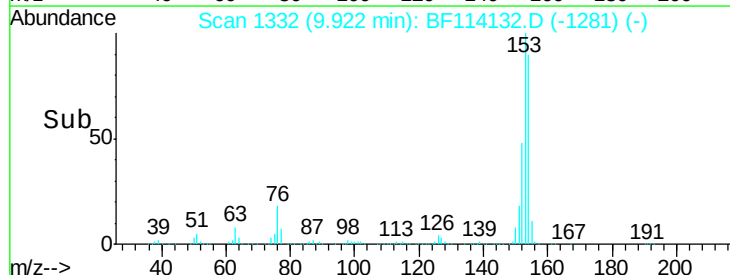
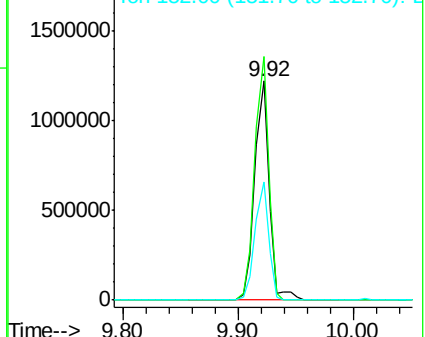
154 100

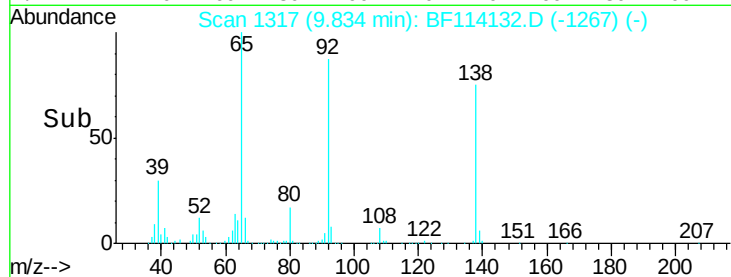
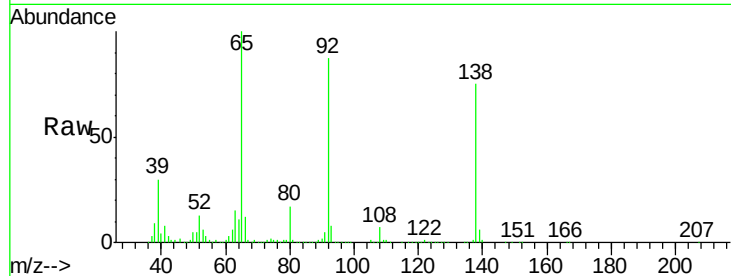
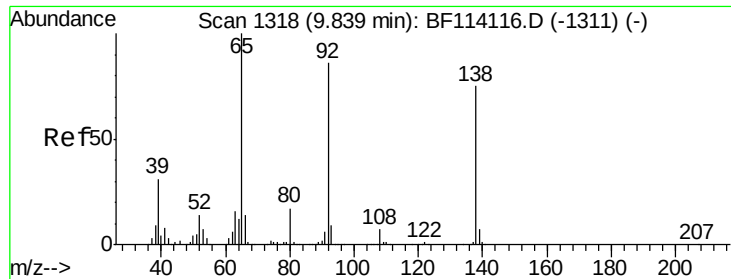
153 111.3 90.5 135.7

152 53.8 43.4 65.2



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





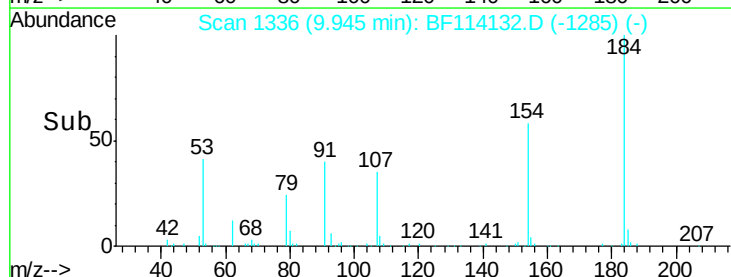
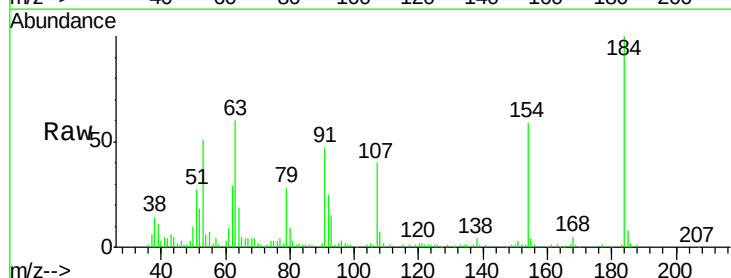
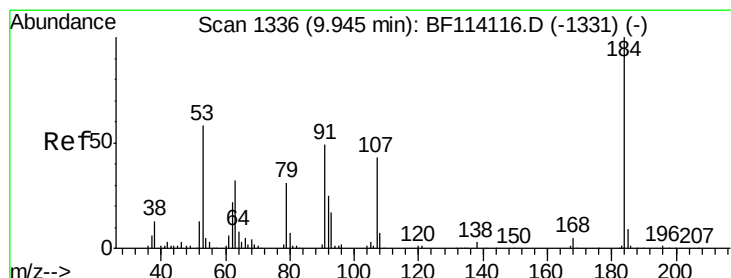
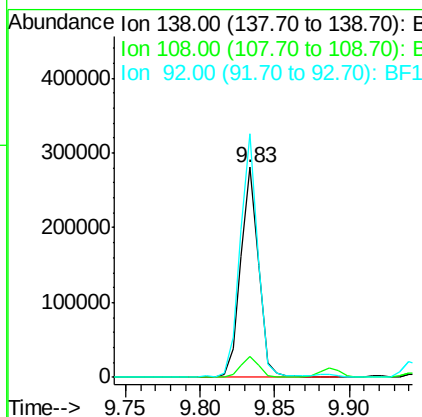
#53  
3-Nitroaniline  
Concen: 21.323 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Tgt Ion: 138 Resp: 236070  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.8 11.6  
92 115.8 91.2 136.8

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

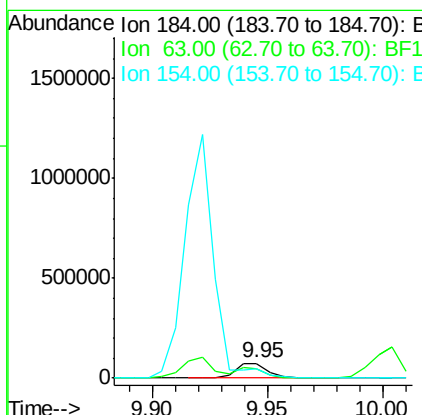
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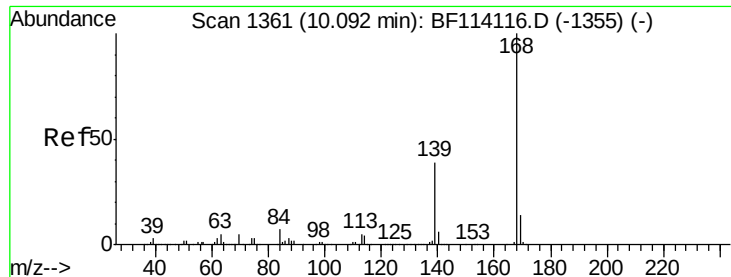
Sohil  
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#54  
2,4-Dinitrophenol  
Concen: 21.922 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Tgt Ion: 184 Resp: 74330  
Ion Ratio Lower Upper  
184 100  
63 59.6 55.6 83.4  
154 58.8 46.0 69.0





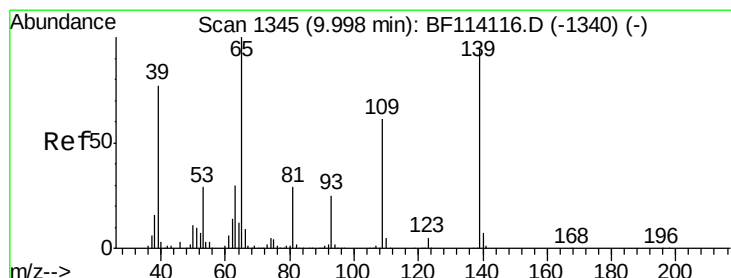
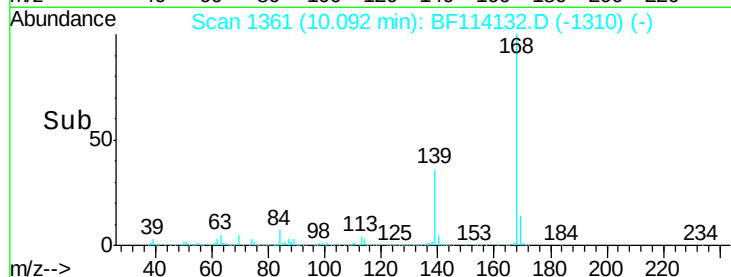
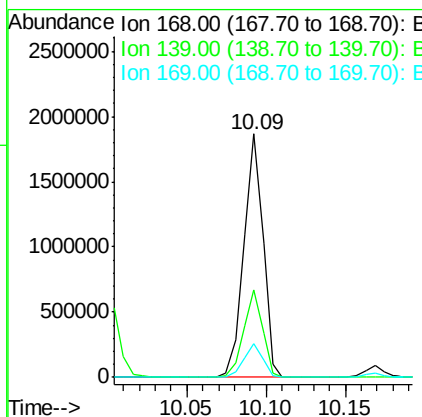
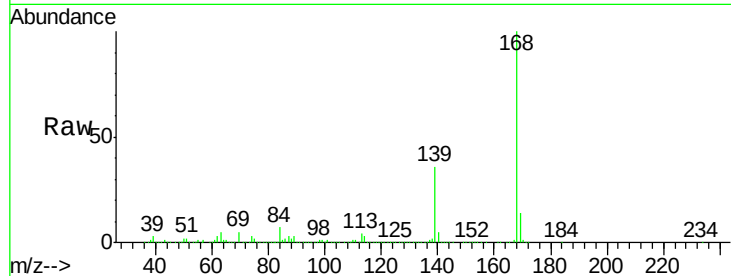
#55  
Dibenzenofuran  
Concen: 32.067 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.1  | 31.1  | 46.7  |
| 169     | 13.8  | 11.4  | 17.0  |

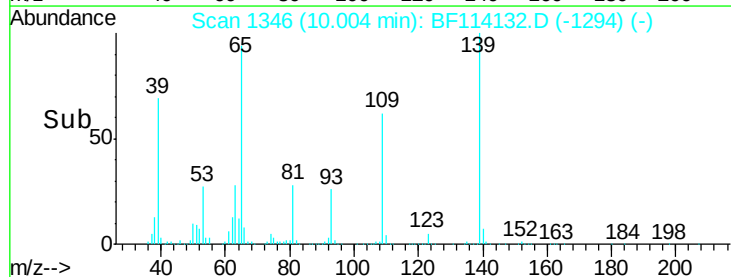
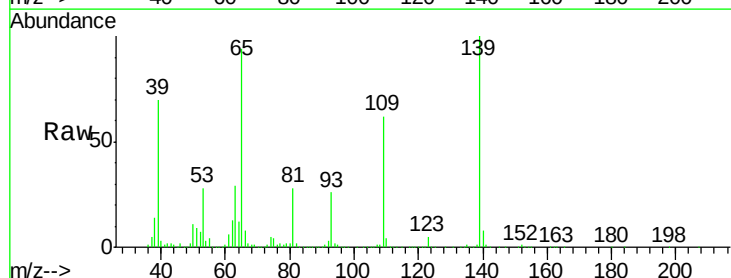
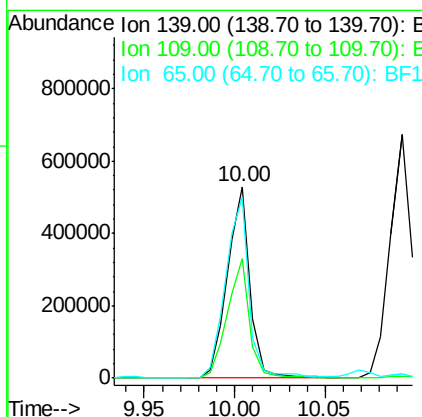
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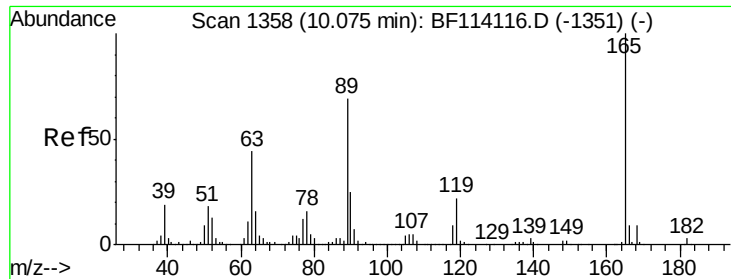


#56  
4-Nitrophenol  
Concen: 58.550 ng  
RT: 10.00 min Scan# 1346  
Delta R.T. 0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.2  | 43.9  | 83.9  |
| 65      | 94.2  | 85.7  | 125.7 |







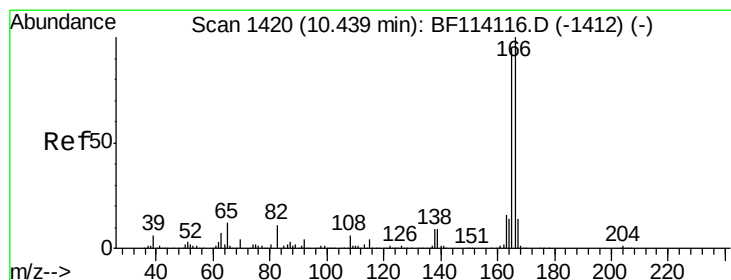
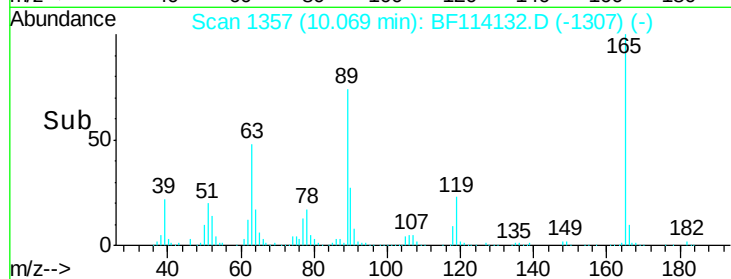
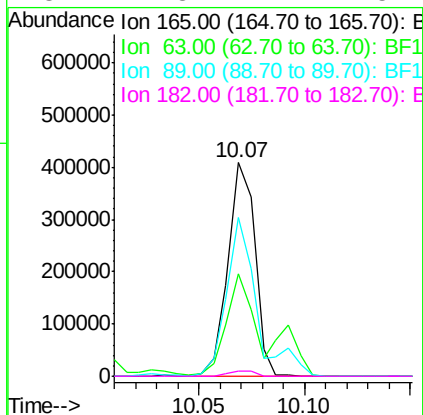
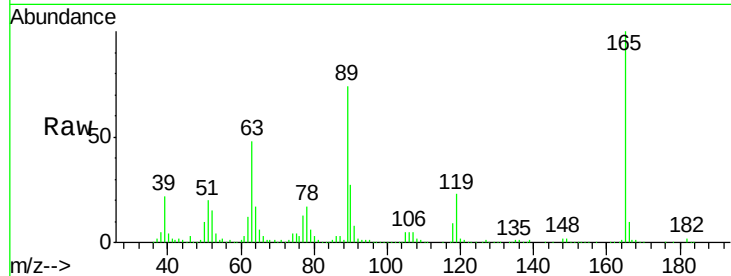
#57  
2,4-Dinitrotoluene  
Concen: 29.822 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 361003 |       |       |
| 63      | 47.9  | 35.5   | 53.3  |       |
| 89      | 74.3  | 55.2   | 82.8  |       |
| 182     | 2.3   | 2.2    | 3.2   |       |

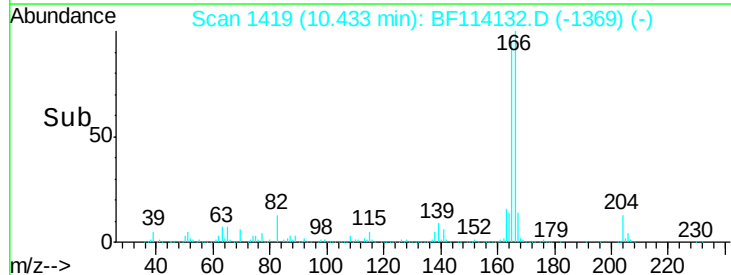
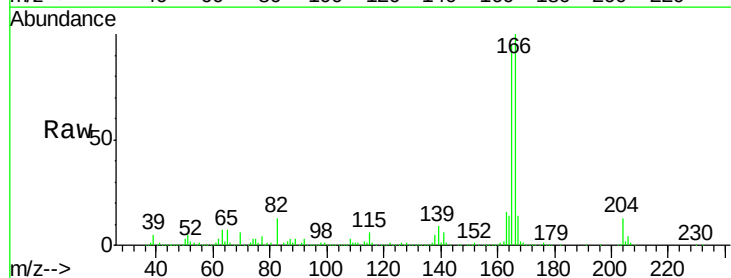
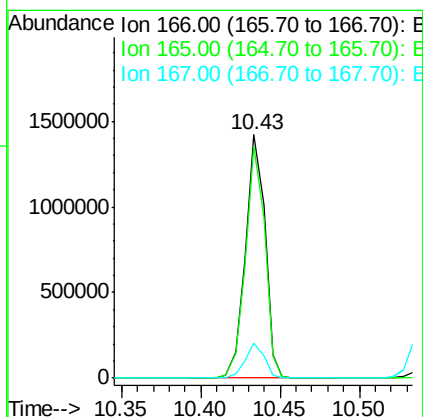
Manual Integrations  
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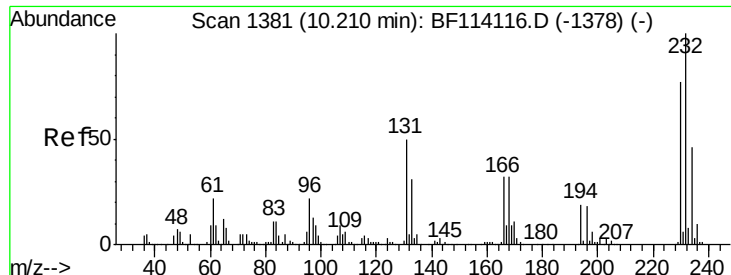
Sohil  
5/13/2019 8:34:24 PM



#58  
Fluorene  
Concen: 32.300 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

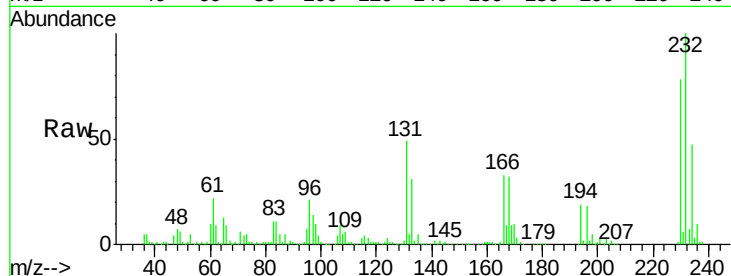
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1215961 |       |       |
| 165     | 95.1  | 76.1    | 114.1 |       |
| 167     | 14.4  | 11.1    | 16.7  |       |





#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 33.977 ng  
 RT: 10.21 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

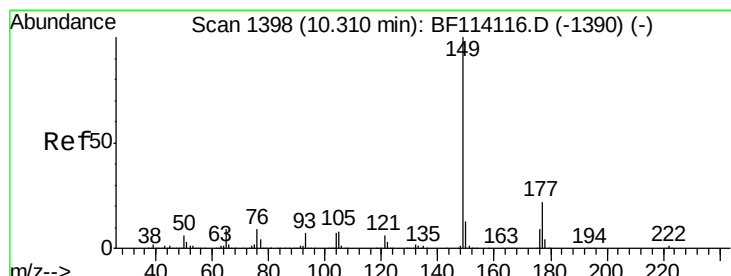
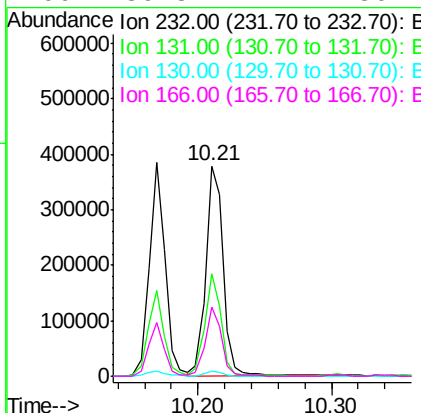
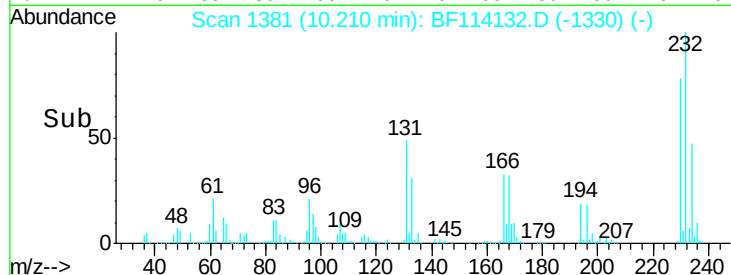
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 232     | 100   |            |            |
| 131     | 45.9  | 35.6       | 53.4       |
| 130     | 2.2   | 1.6        | 2.4        |
| 166     | 30.8  | 24.1       | 36.1       |

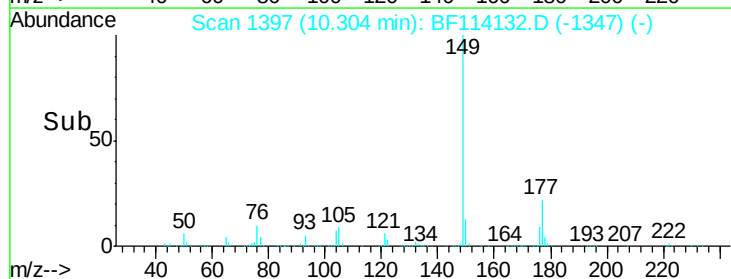
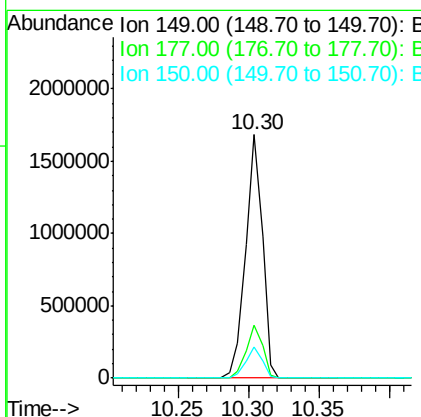
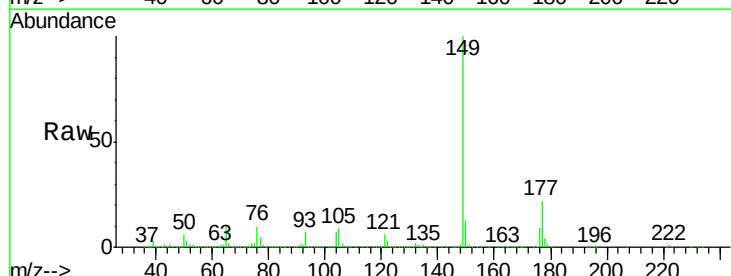
Manual Integrations  
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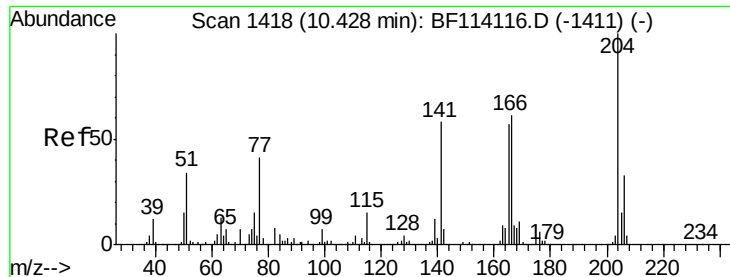
Sohil  
 5/13/2019 8:34:24 PM



#60  
 Diethylphthalate  
 Concen: 34.275 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 21.9  | 17.8       | 26.6       |
| 150     | 12.6  | 10.2       | 15.2       |





#61

4-Chlorophenyl-phenylether

Concen: 33.133 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

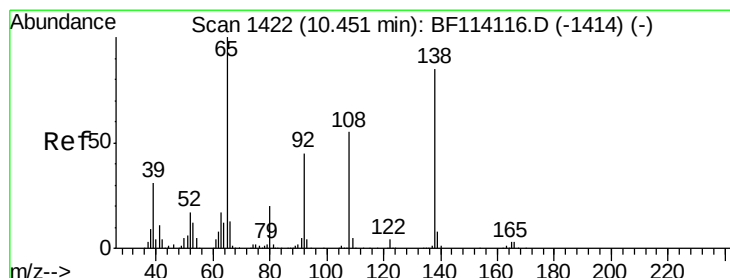
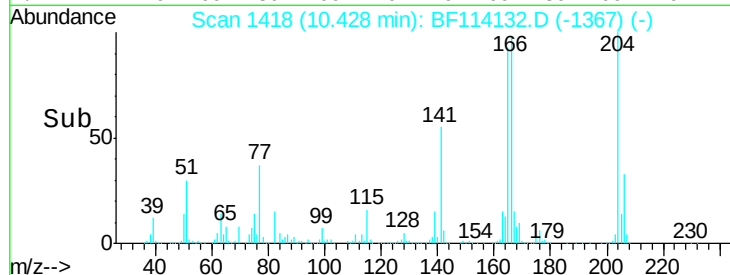
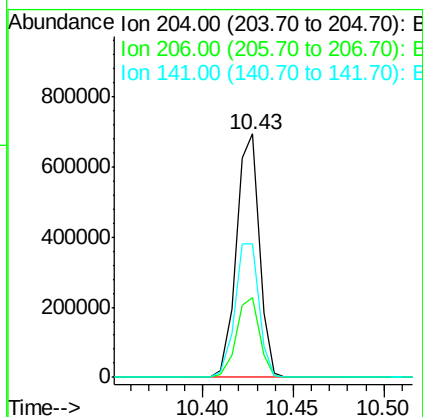
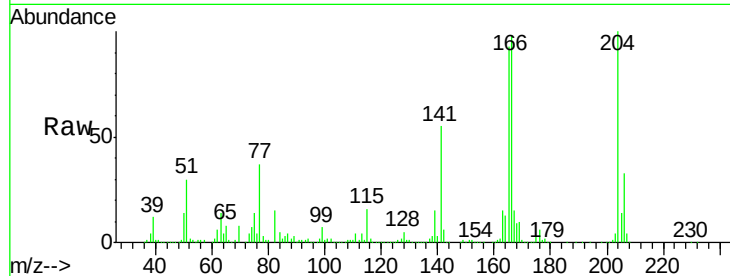
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 612634 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.0  | 26.6  | 39.8   |
| 141       | 54.6  | 46.4  | 69.6   |

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#62

4-Nitroaniline

Concen: 24.048 ng

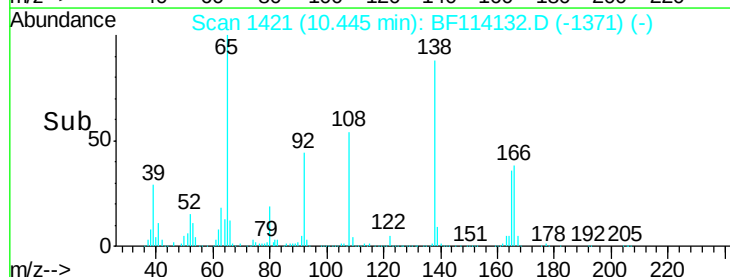
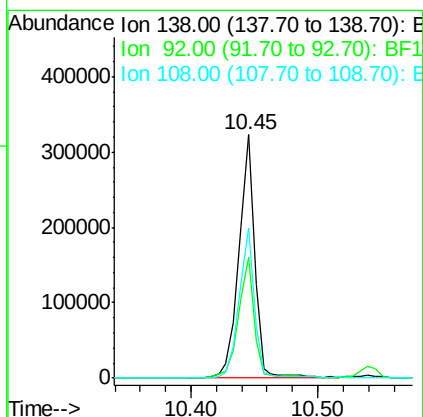
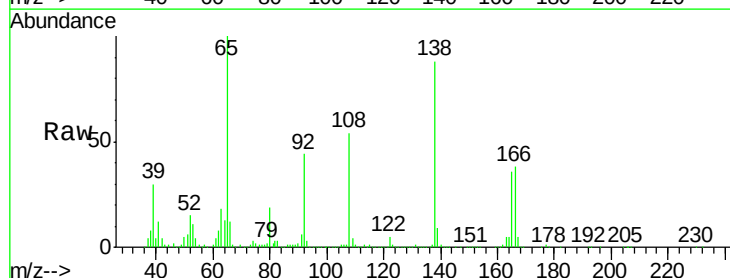
RT: 10.45 min Scan# 1421

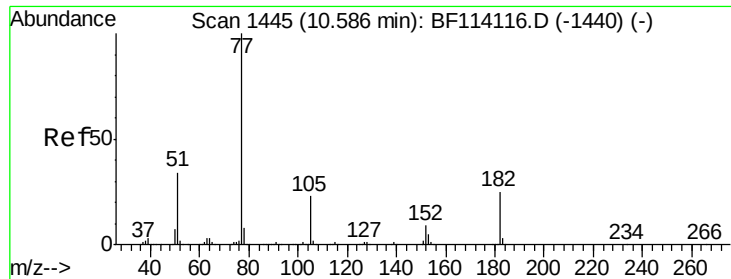
Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 279771 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 49.6  | 33.0  | 73.0   |
| 108       | 61.4  | 44.9  | 84.9   |





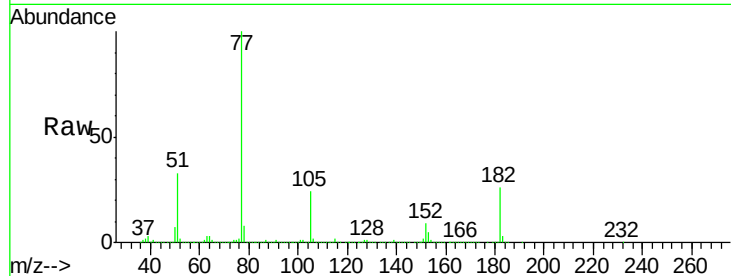
#63  
Azobenzene  
Concen: 32.713 ng  
RT: 10.59 min Scan# 1445  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.9  | 4.7   | 44.7  |
| 105     | 24.2  | 2.9   | 42.9  |
| 51      | 33.0  | 14.6  | 54.6  |

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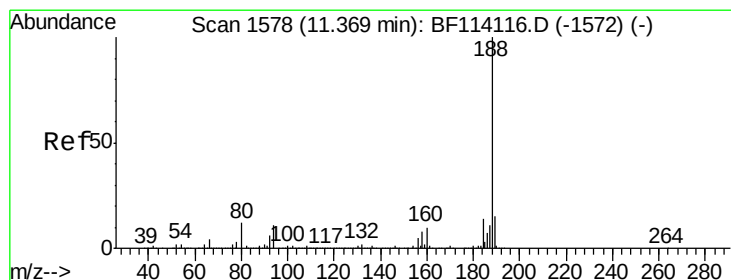
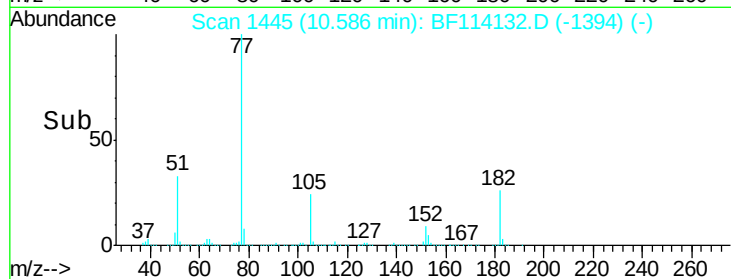
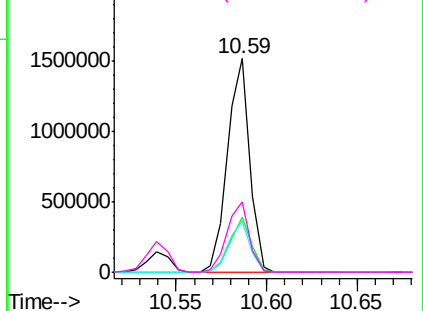


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



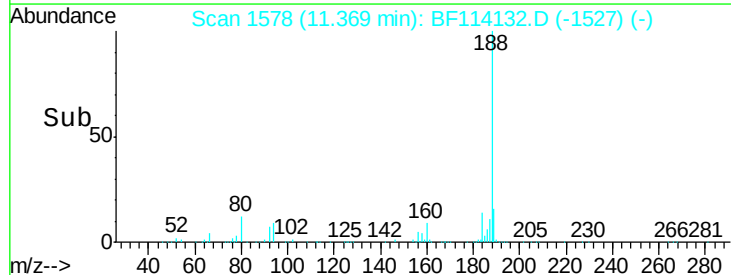
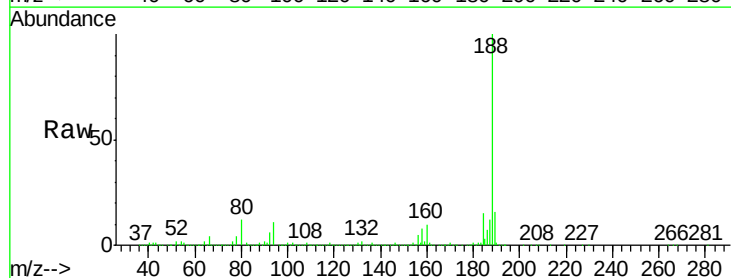
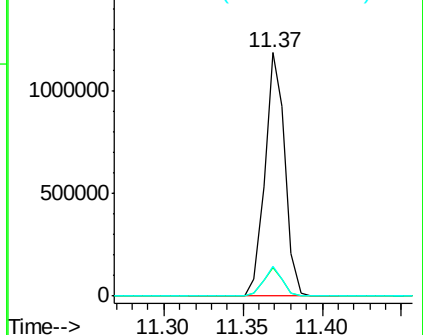
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

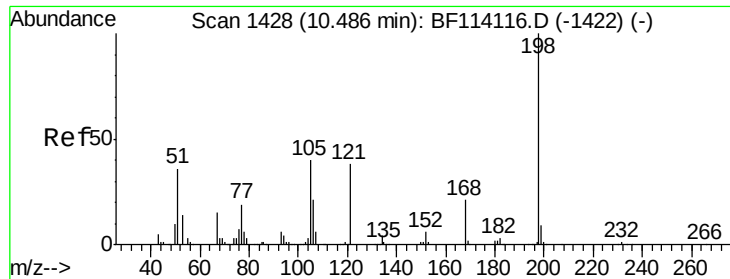
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.5  | 8.4   | 12.6  |
| 80      | 12.3  | 9.2   | 13.8  |

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





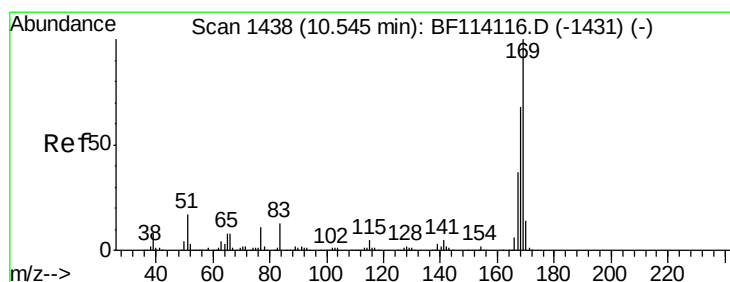
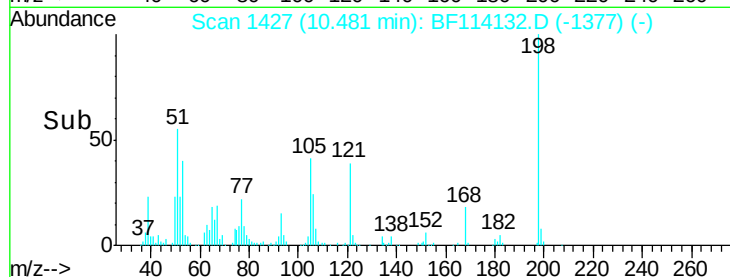
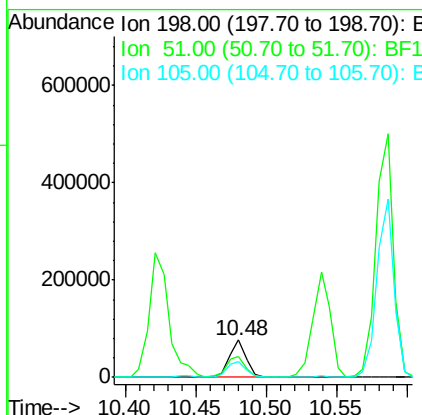
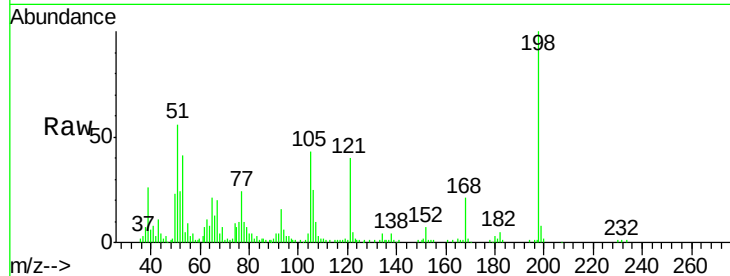
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 12.741 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. -0.01 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 64146 |       |       |
| 51      | 56.2  | 28.0  | 68.0  |       |
| 105     | 42.7  | 21.1  | 61.1  |       |

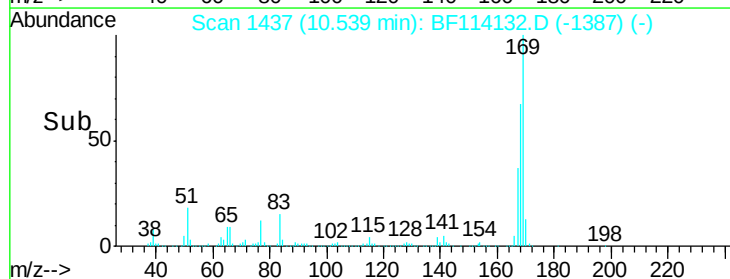
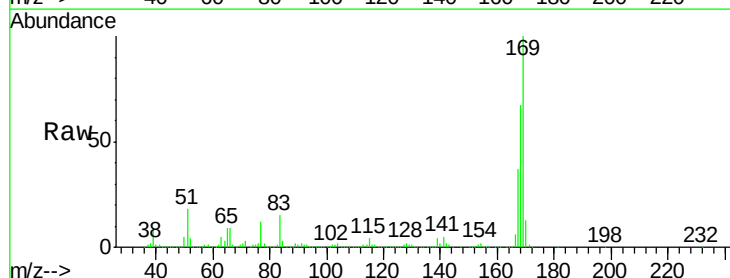
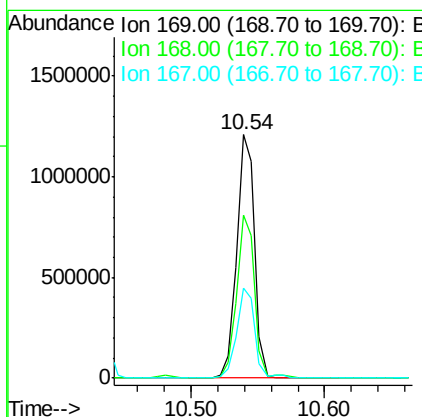
Manual Integrations  
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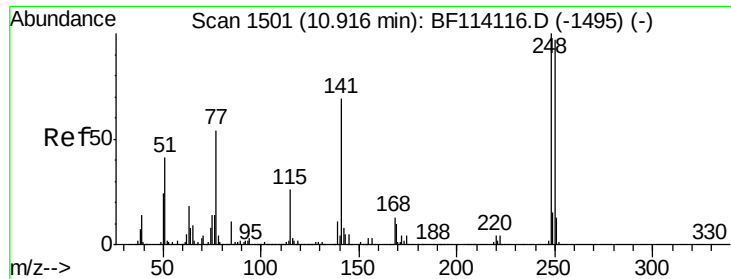
Sohil  
 5/13/2019 8:34:24 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 35.369 ng  
 RT: 10.54 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1124670 |       |       |
| 168     | 67.2  | 54.2    | 81.2  |       |
| 167     | 37.0  | 29.8    | 44.8  |       |





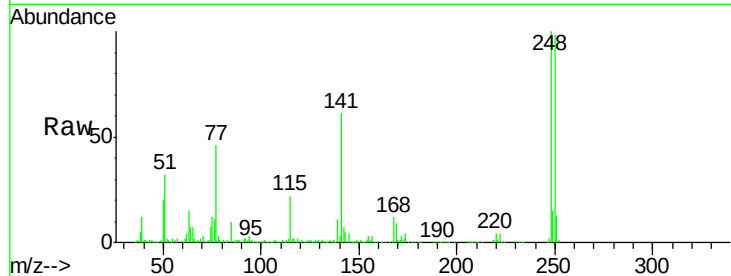
#67  
4-Bromophenyl-phenylether  
Concen: 32.426 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 77.4  | 116.2 |
| 141     | 60.8  | 55.6  | 83.4  |

Manual Integrations  
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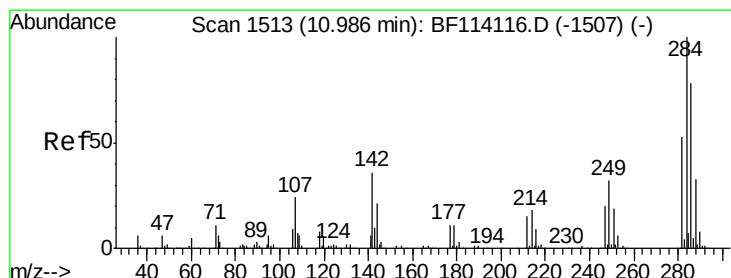
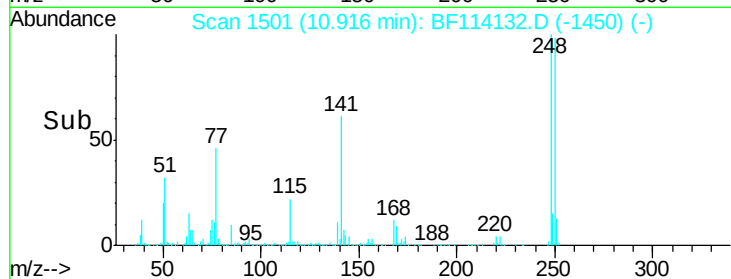
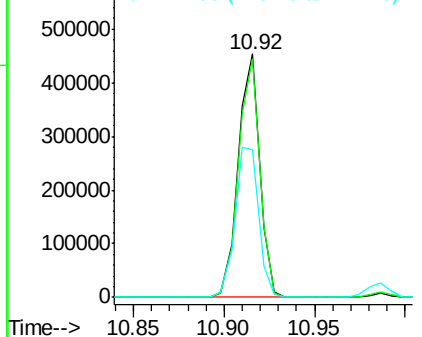


Abundance

Ion 248.00 (247.70 to 248.70): E

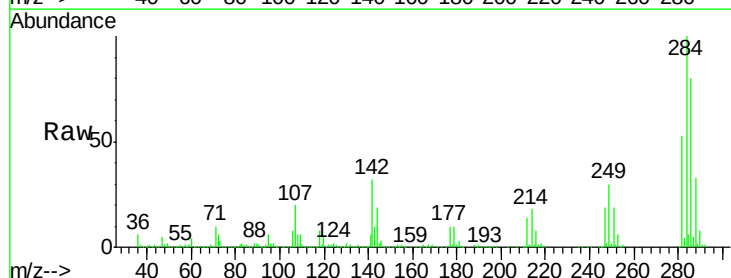
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 31.378 ng  
RT: 10.99 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.2  | 28.4  | 42.6  |
| 249     | 30.0  | 25.2  | 37.8  |

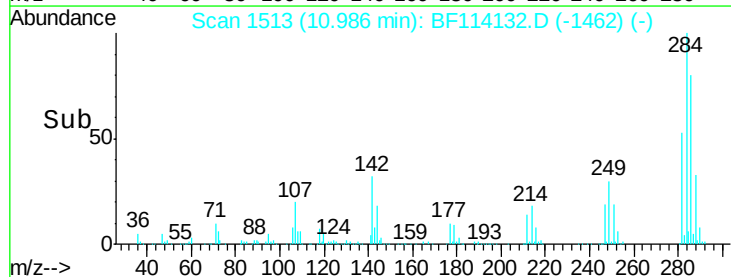
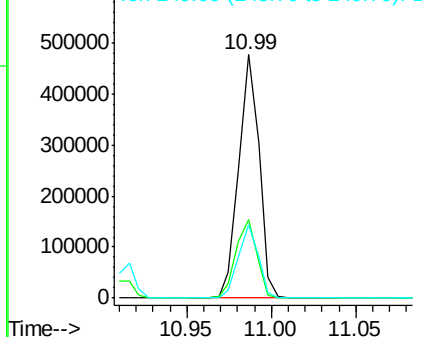


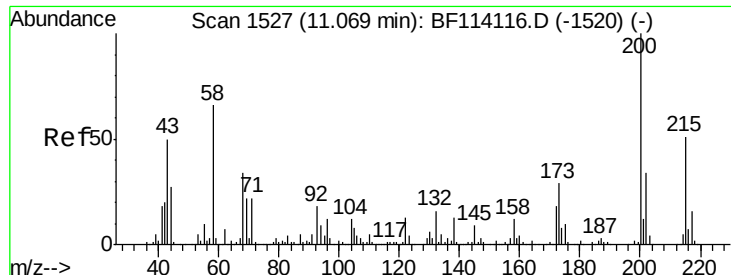
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





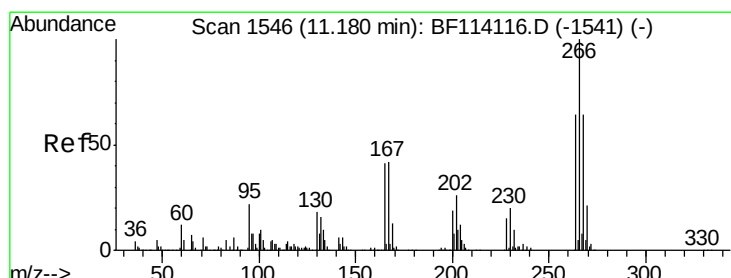
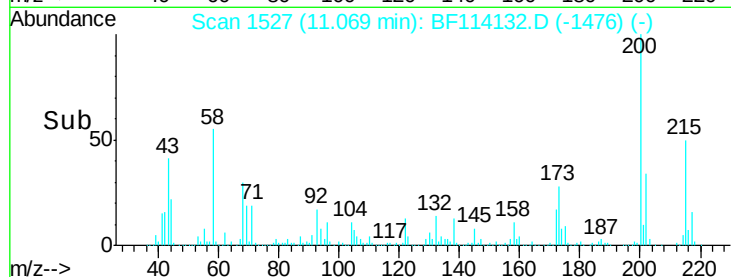
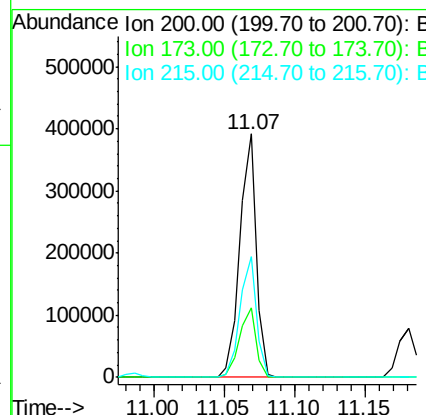
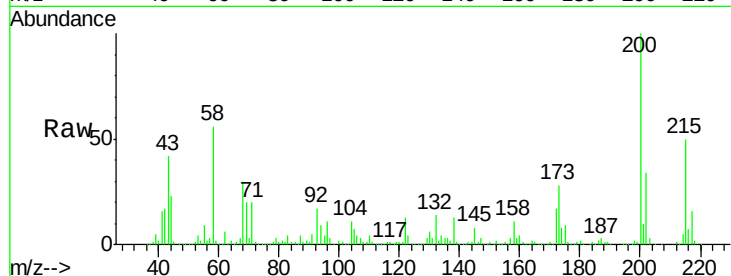
#69  
Atrazine  
Concen: 32.126 ng  
RT: 11.07 min Scan# 1527  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 317907 |       |       |
| 173     | 28.3  | 8.9    | 48.9  |       |
| 215     | 49.5  | 30.7   | 70.7  |       |

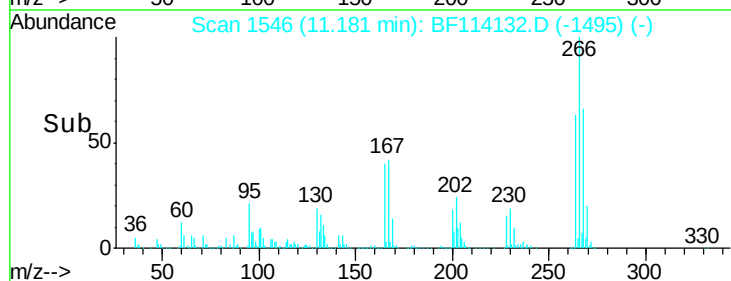
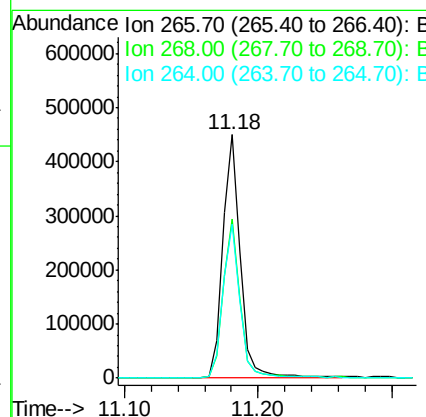
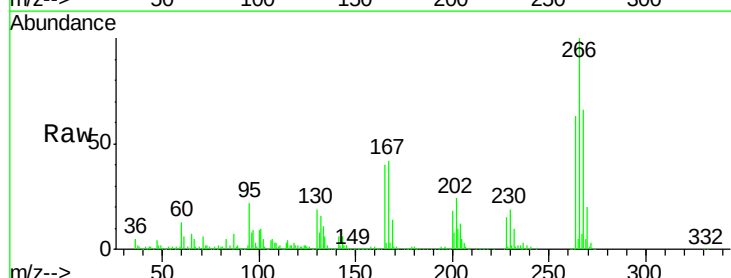
Manual Integrations  
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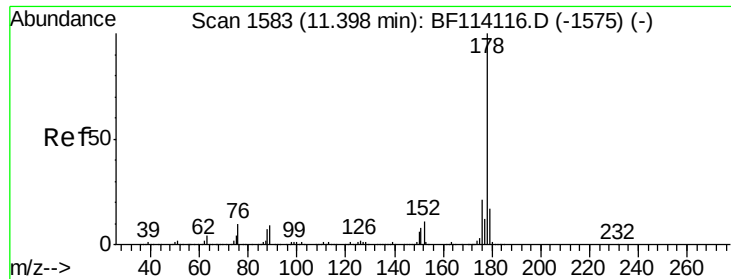
Sohil  
5/13/2019 8:34:24 PM



#70  
Pentachlorophenol  
Concen: 69.708 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. 0.00 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 421707 |       |       |
| 268     | 65.5  | 51.1   | 76.7  |       |
| 264     | 63.2  | 51.1   | 76.7  |       |





#71

Phenanthrene

Concen: 33.523 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

ClientSampleId :

P021-SS001-0002-01MS

Tgt Ion:178 Resp: 1708743

Ion Ratio Lower Upper

178 100

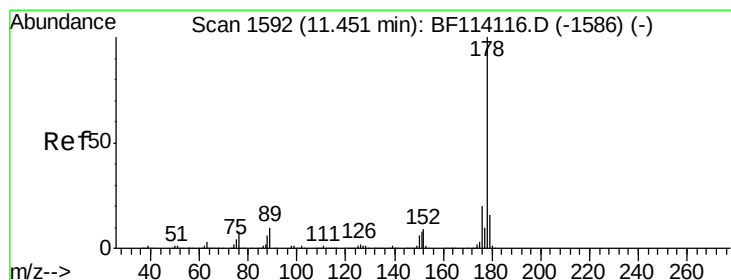
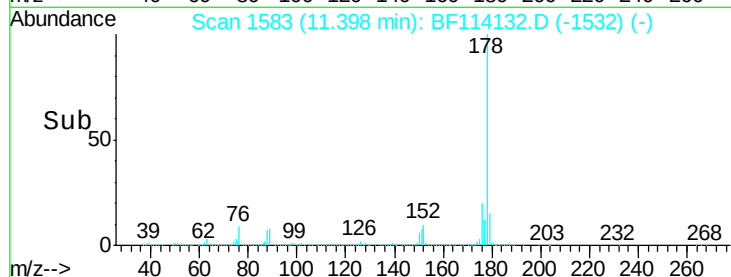
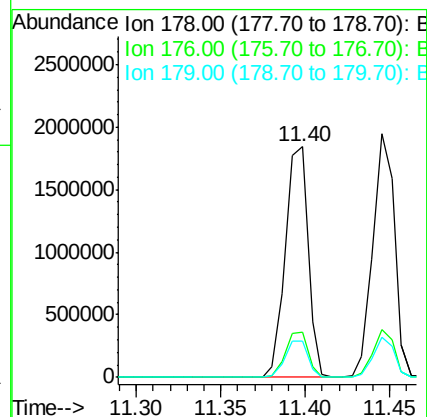
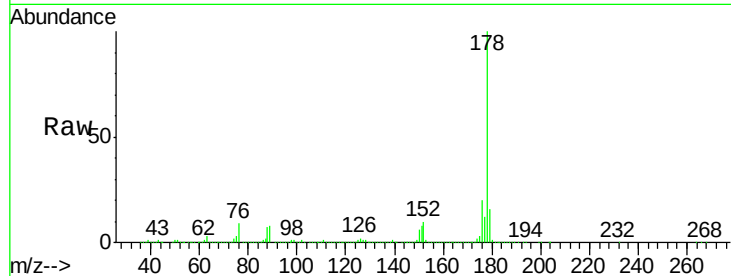
176 19.9 16.4 24.6

179 15.6 13.2 19.8

Manual Integrations  
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Sohil

5/13/2019 8:34:24 PM



#72

Anthracene

Concen: 34.027 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

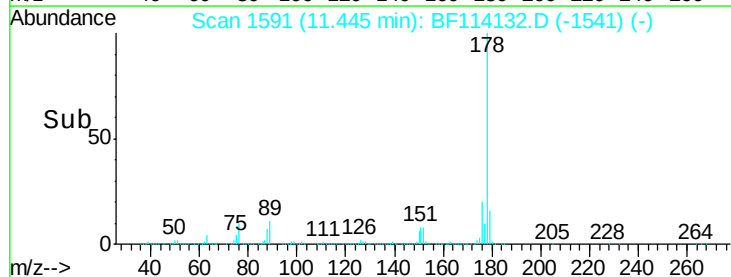
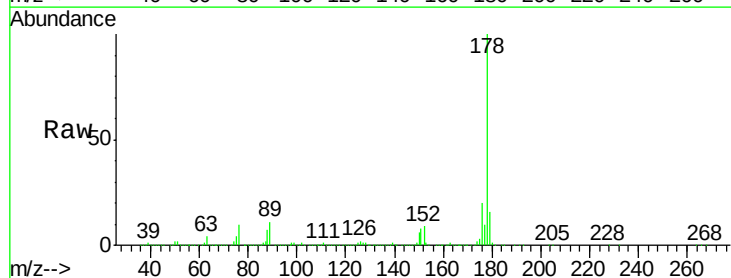
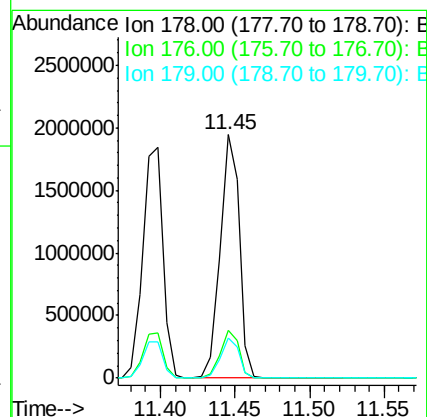
Tgt Ion:178 Resp: 1742101

Ion Ratio Lower Upper

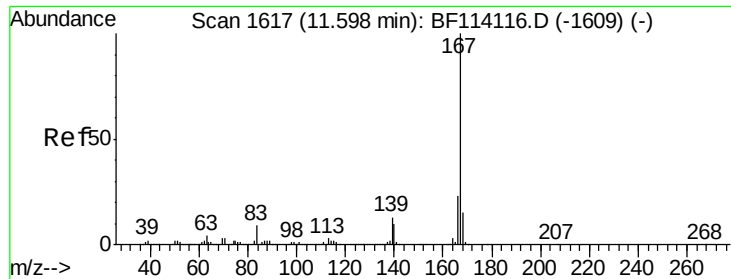
178 100

176 19.5 15.8 23.8

179 16.3 13.0 19.4







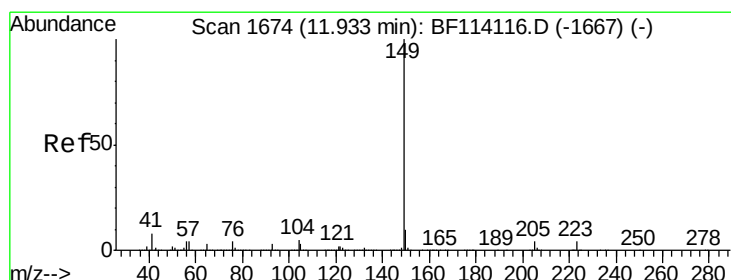
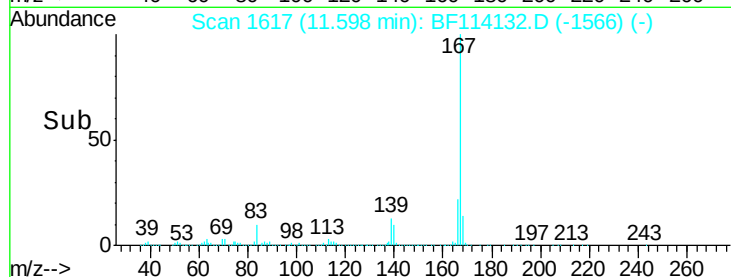
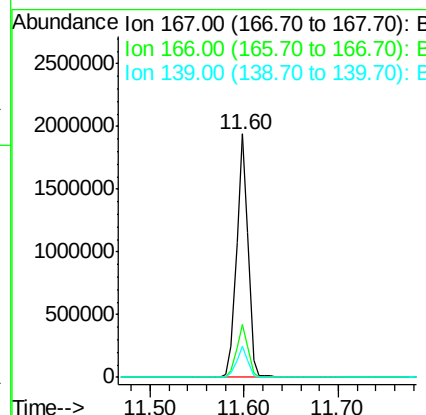
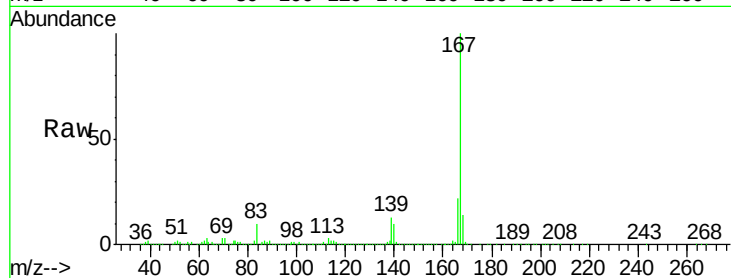
#73  
 Carbazole  
 Concen: 33.775 ng  
 RT: 11.60 min Scan# 1617  
 Delta R.T. 0.00 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 18.2  | 27.2  |
| 139     | 12.7  | 10.6  | 16.0  |

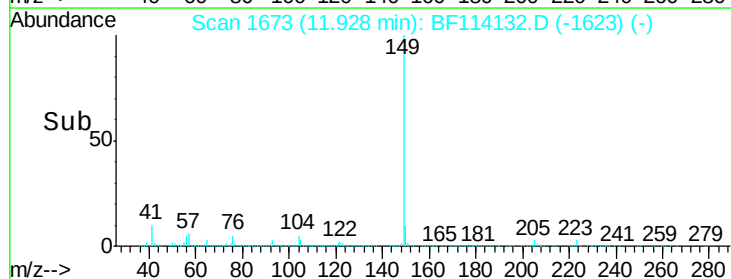
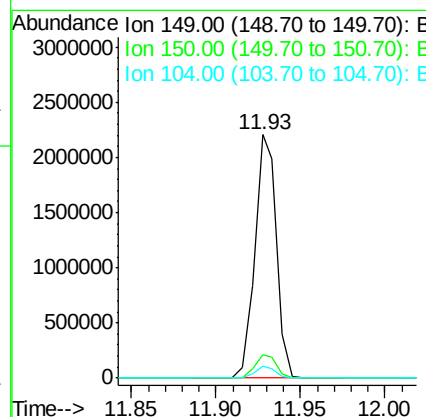
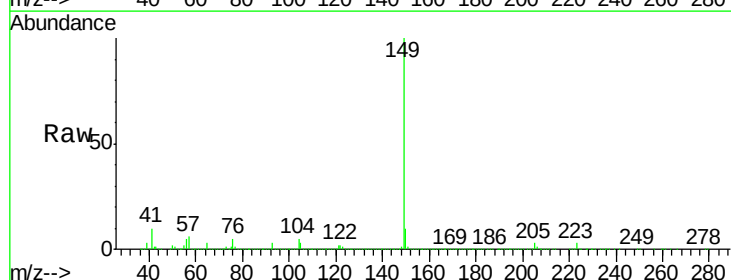
Manual Integrations  
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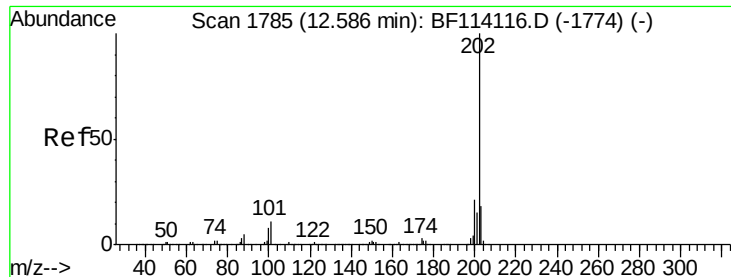
Sohil  
 5/13/2019 8:34:24 PM



#74  
 Di-n-butylphthalate  
 Concen: 34.821 ng  
 RT: 11.93 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BF114132.D  
 Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 7.7   | 11.5  |
| 104     | 4.8   | 3.6   | 5.4   |





#75

Fluoranthene

Concen: 34.749 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

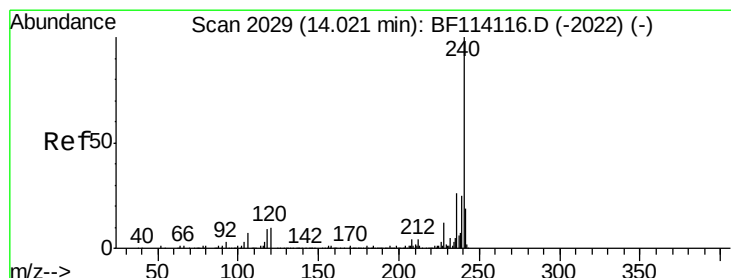
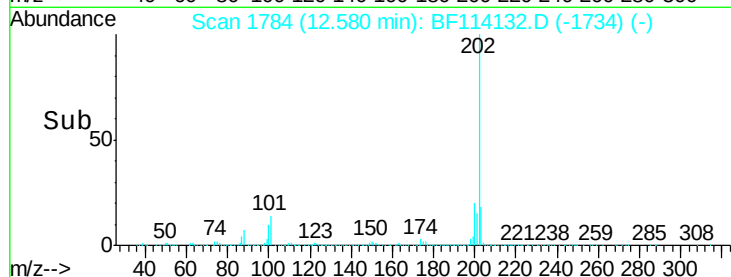
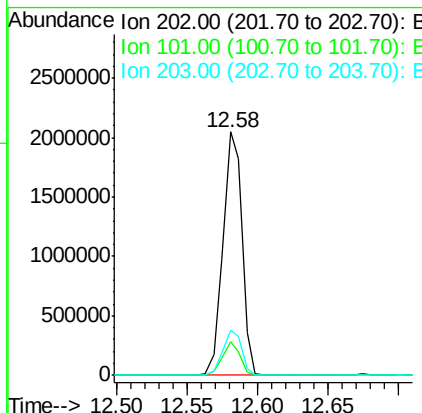
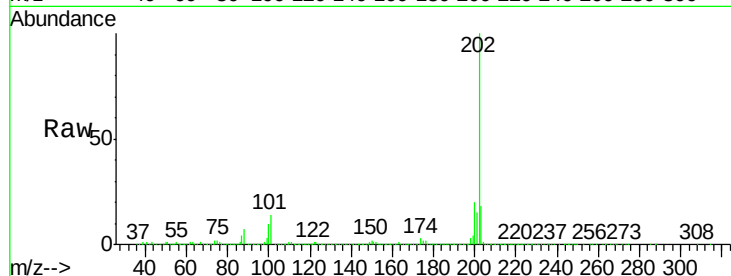
ClientSampleId :

P021-SS001-0002-01MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1907394 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 13.9  | 0.0   | 31.0    |
| 203      | 18.5  | 0.0   | 38.4    |

Manual Integrations  
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#76

Chrysene-d12

Concen: 20.000 ng

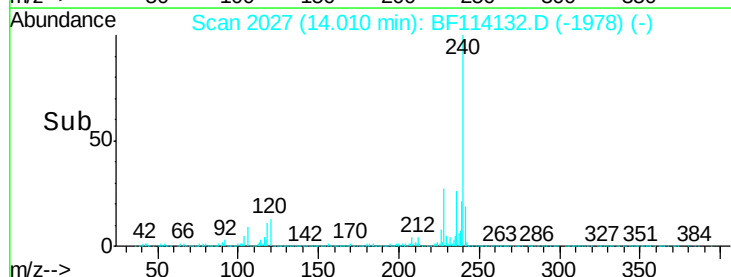
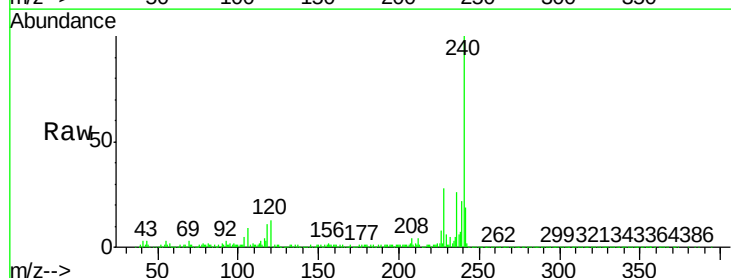
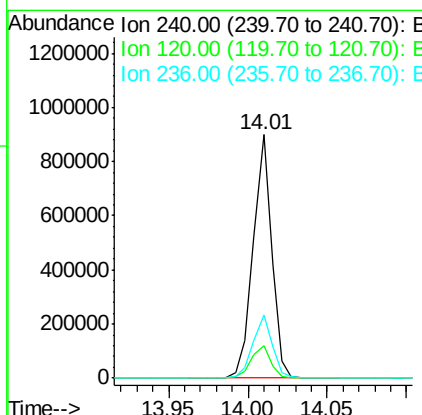
RT: 14.01 min Scan# 2027

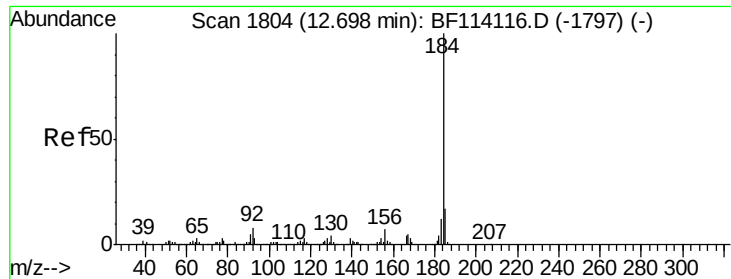
Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 731489 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 13.1  | 8.3   | 12.5#  |
| 236      | 26.2  | 20.8  | 31.2   |





#77

Benzidine

Concen: 0.050 ng m

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

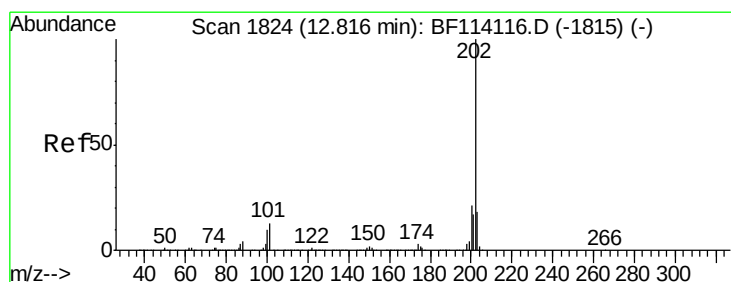
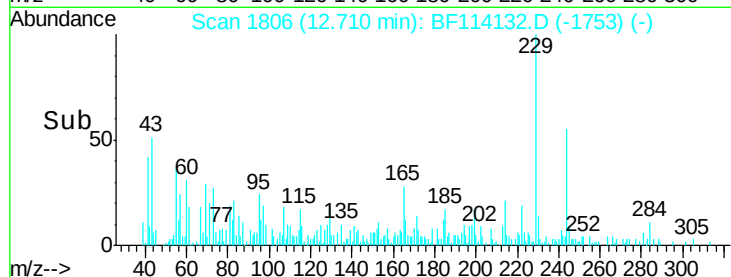
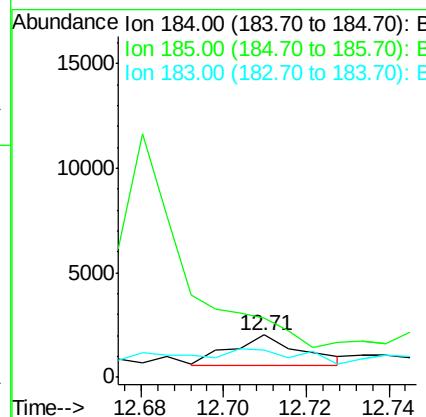
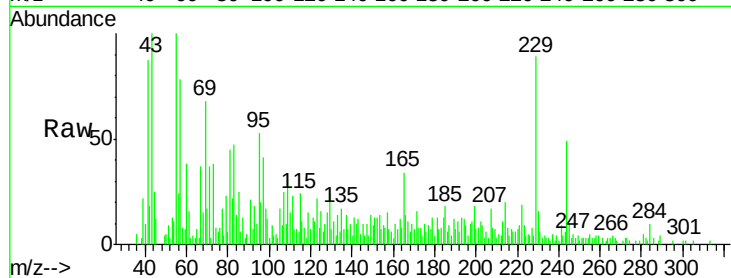
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 1645  |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 141.7 | 13.6  | 20.4# |
| 183       | 65.0  | 9.2   | 13.8# |

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#78

Pyrene

Concen: 33.231 ng

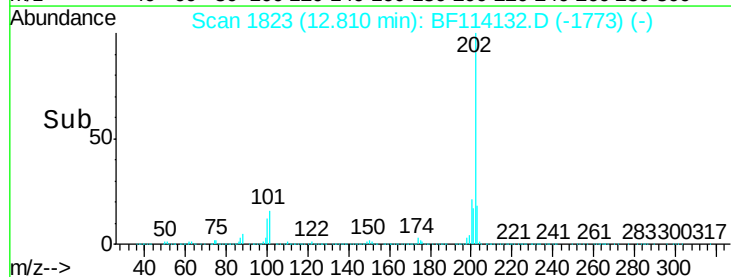
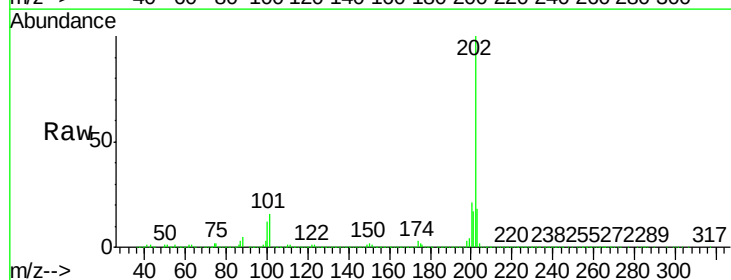
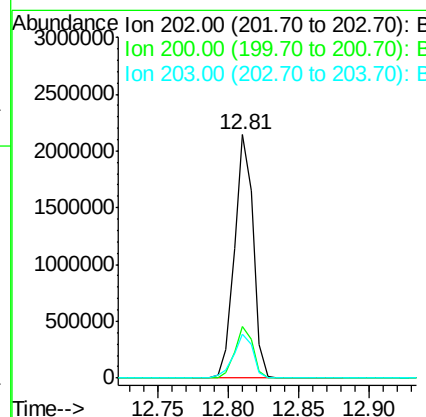
RT: 12.81 min Scan# 1823

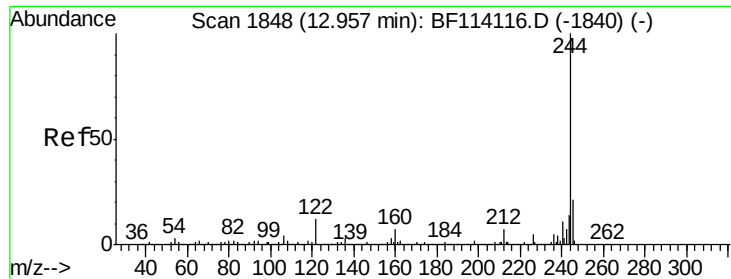
Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1955450 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.0  | 16.9  | 25.3    |
| 203       | 18.3  | 14.5  | 21.7    |





#79

Terphenyl-d14

Concen: 55.913 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

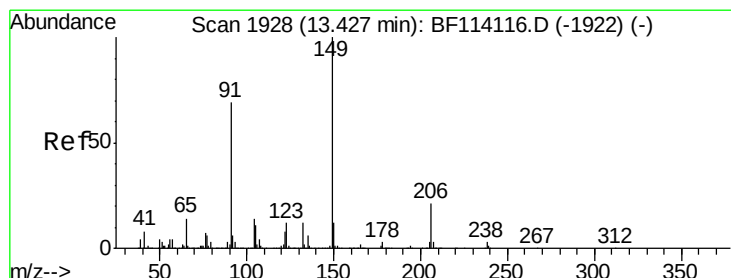
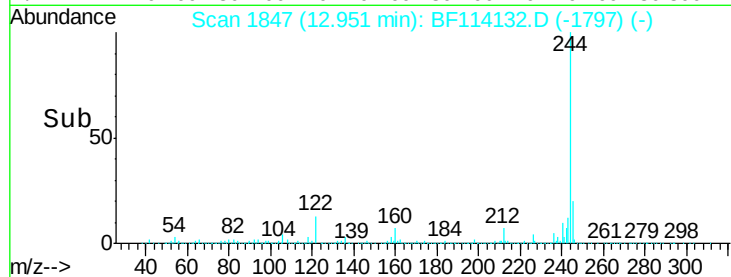
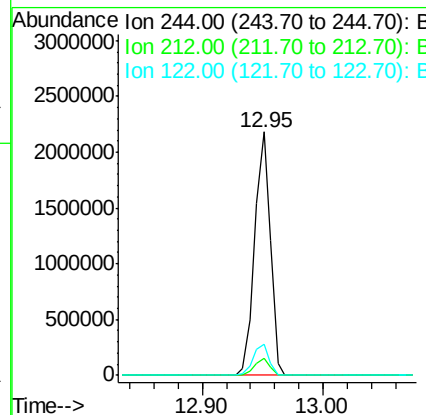
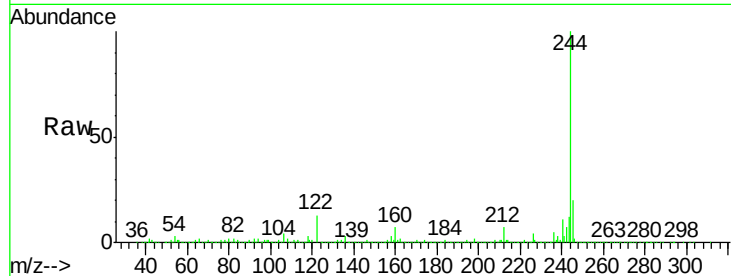
ClientSampleId :

P021-SS001-0002-01MS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1984035 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.0   | 5.8   | 8.6     |
| 122       | 12.6  | 9.4   | 14.2    |

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5/13/2019 8:34:24 PM



#80

Butylbenzylphthalate

Concen: 34.413 ng

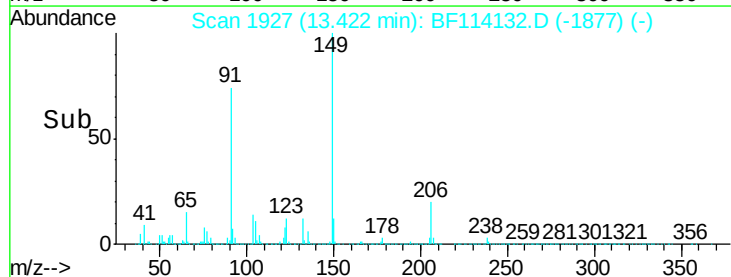
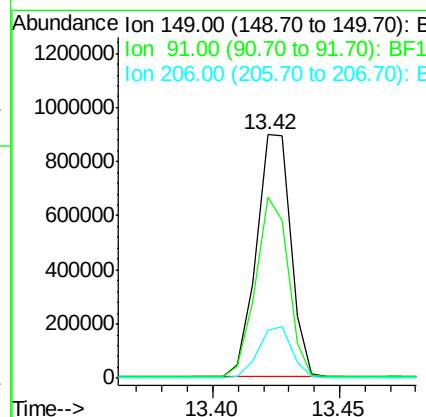
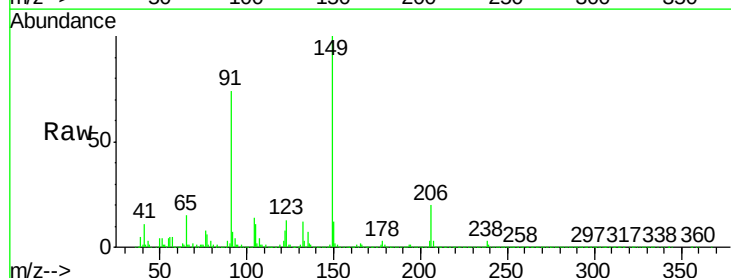
RT: 13.42 min Scan# 1927

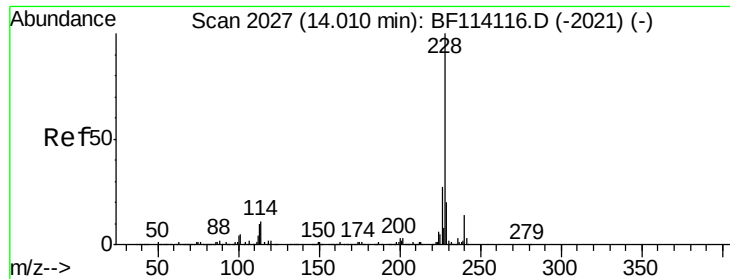
Delta R.T. -0.01 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 852353 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 74.1  | 55.0  | 82.4   |
| 206       | 19.6  | 16.9  | 25.3   |





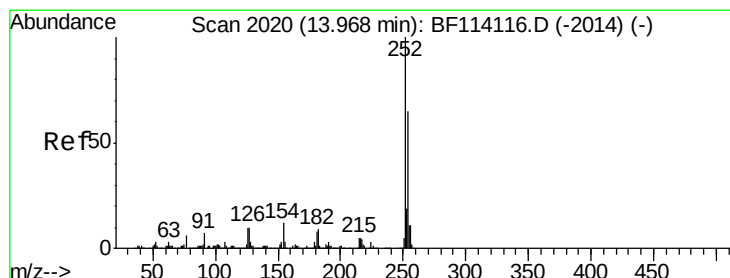
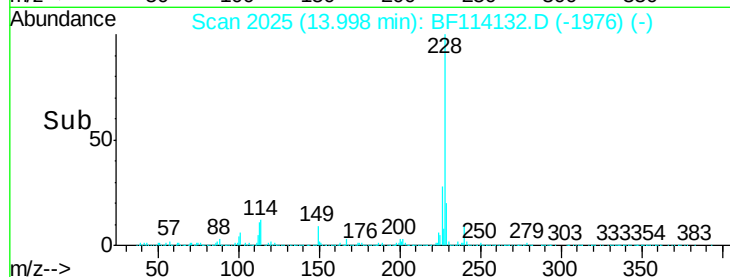
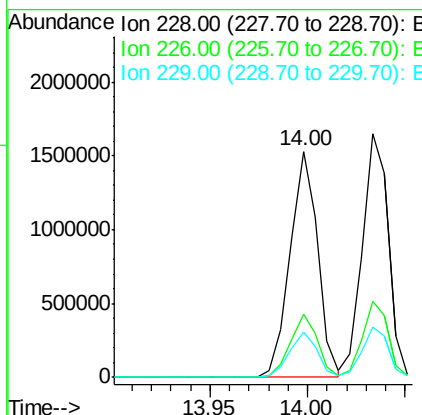
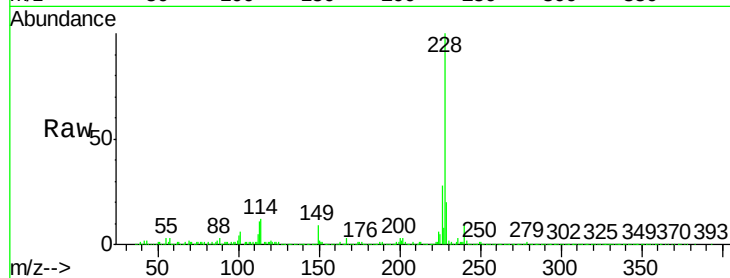
#81  
Benzo(a)anthracene  
Concen: 31.674 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 22.2  | 33.2  |
| 229     | 20.1  | 16.4  | 24.6  |

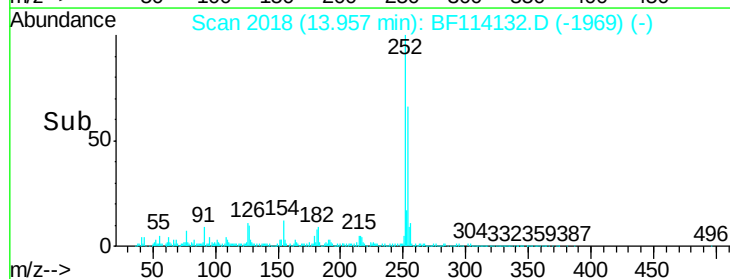
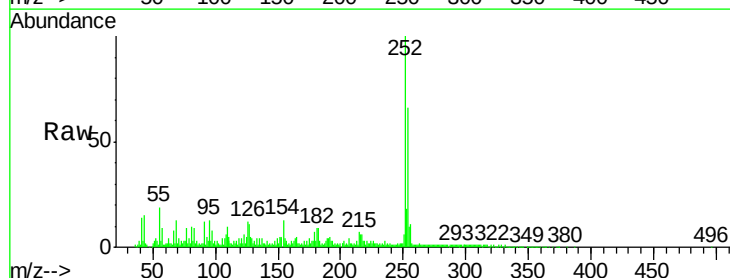
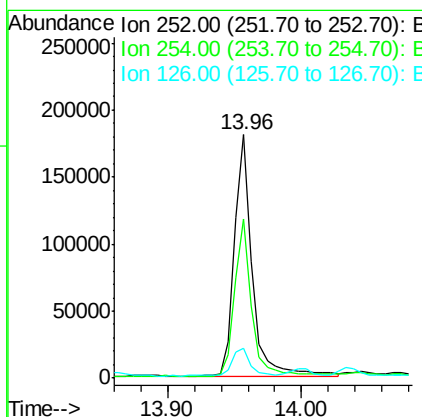
Manual Integrations  
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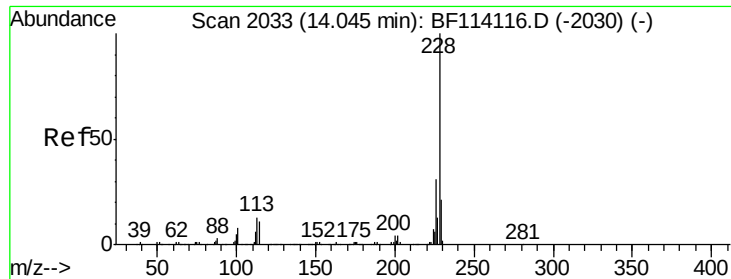
Sohil  
5/13/2019 8:34:24 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 9.338 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 51.9  | 77.9  |
| 126     | 12.1  | 7.9   | 11.9  |





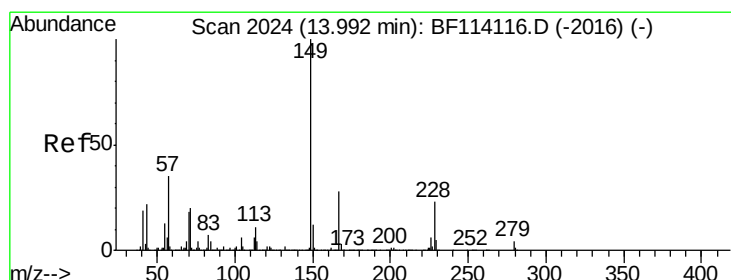
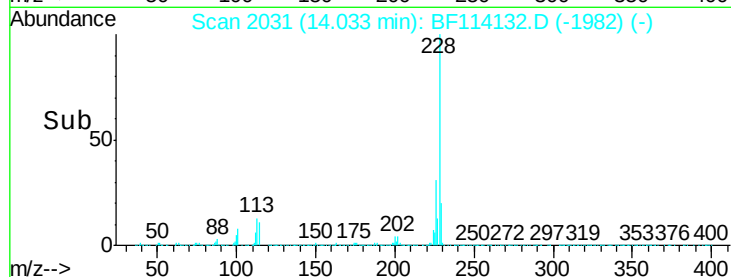
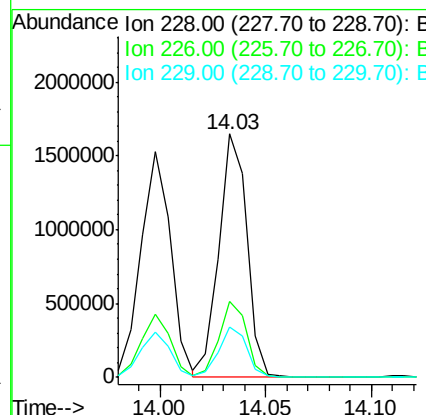
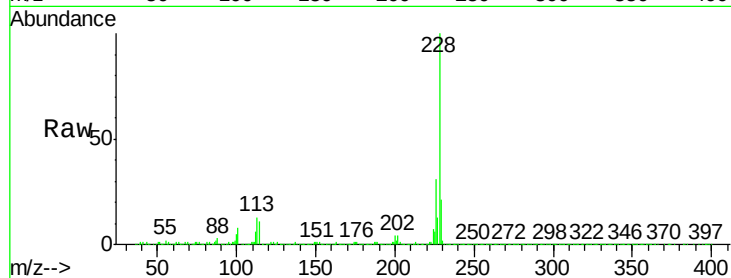
#83  
Chrysene  
Concen: 32.602 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

Tgt Ion: 228 Resp: 1512067  
Ion Ratio Lower Upper  
228 100  
226 31.2 25.0 37.6  
229 20.7 17.0 25.6

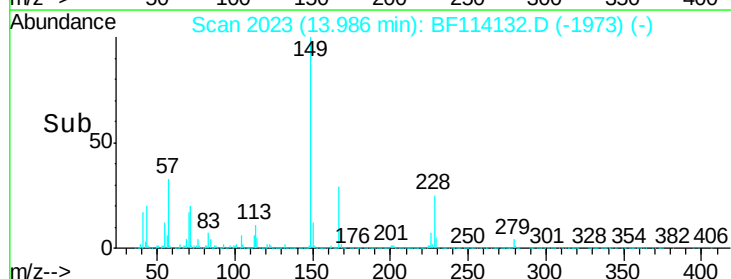
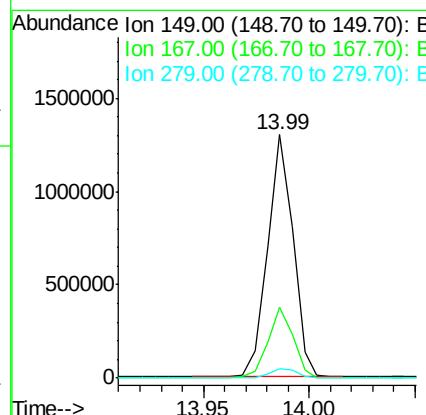
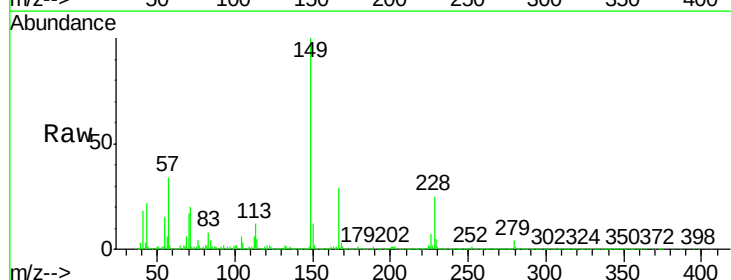
Manual Integrations  
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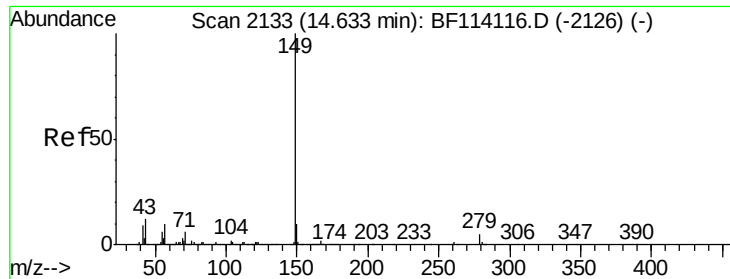
Sohil  
5/13/2019 8:34:24 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 33.709 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Tgt Ion: 149 Resp: 1091971  
Ion Ratio Lower Upper  
149 100  
167 28.8 22.6 33.8  
279 4.0 3.0 4.6





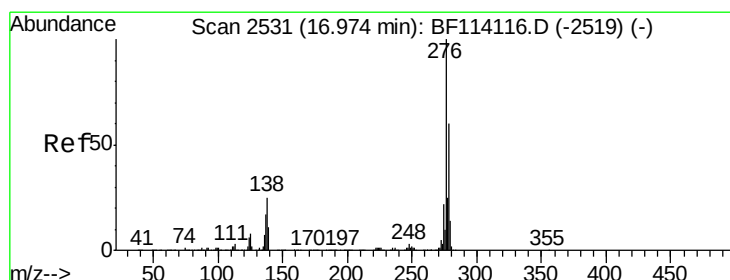
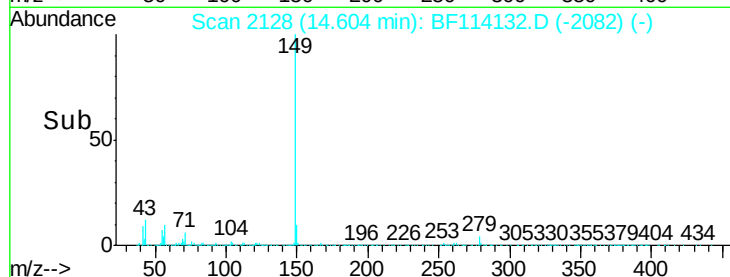
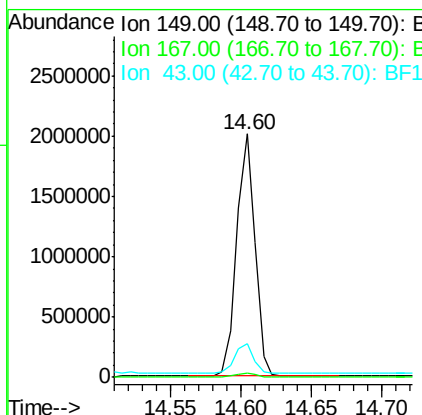
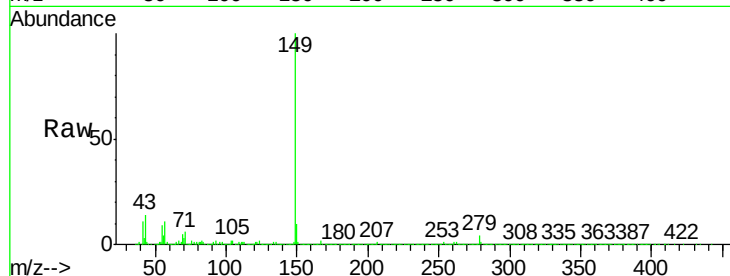
#85  
Di-n-octyl phthalate  
Concen: 34.366 ng  
RT: 14.60 min Scan# 2128  
Delta R.T. -0.03 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 12.6  | 10.1  | 15.1  |

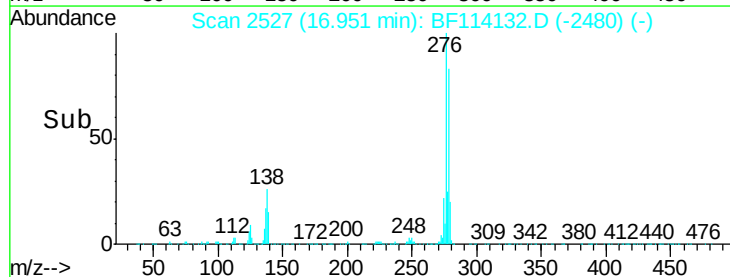
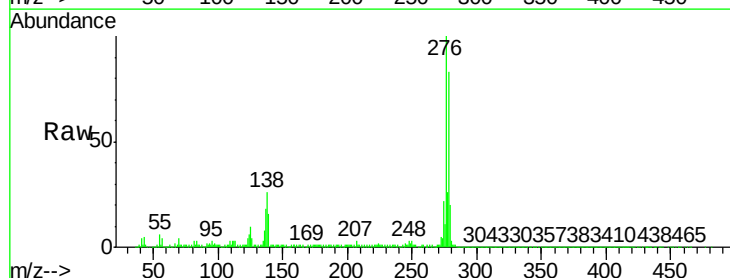
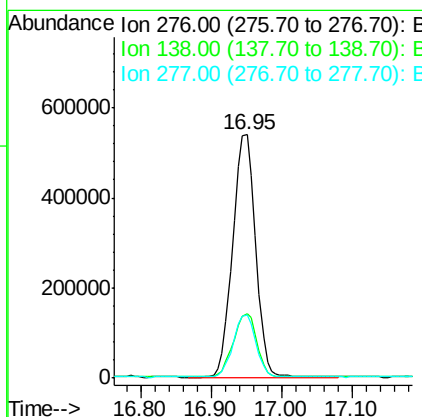
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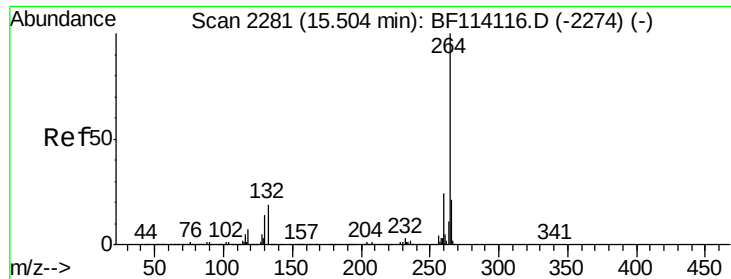
Sohil  
5/13/2019 8:34:24 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 29.716 ng  
RT: 16.95 min Scan# 2527  
Delta R.T. -0.02 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.6  | 20.2  | 30.2  |
| 277     | 25.3  | 20.0  | 30.0  |





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

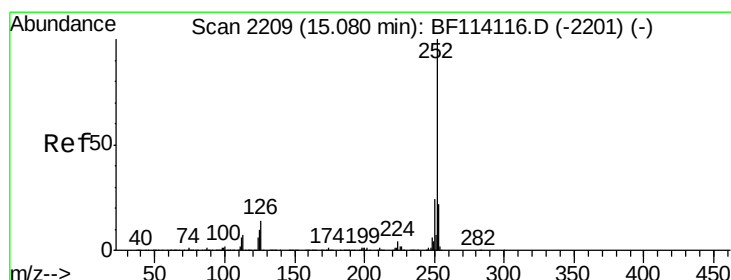
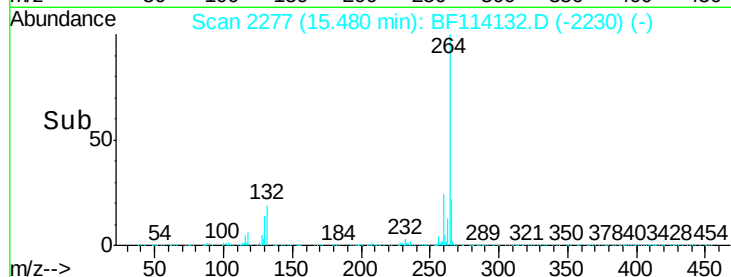
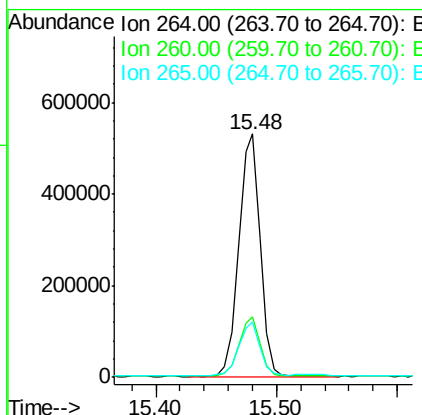
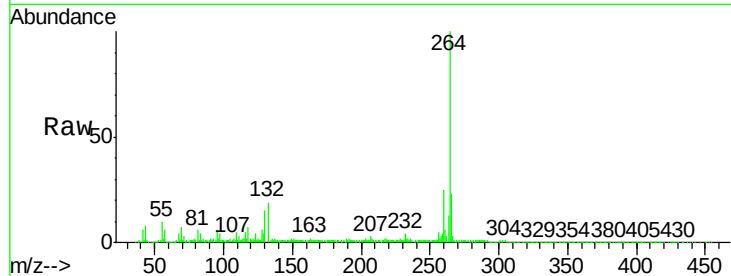
ClientSampleId :

P021-SS001-0002-01MS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 650801 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 24.7 | 19.4  | 29.0   |
| 265       | 22.9 | 16.9  | 25.3   |

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#88

Benzo(b)fluoranthene

Concen: 34.892 ng

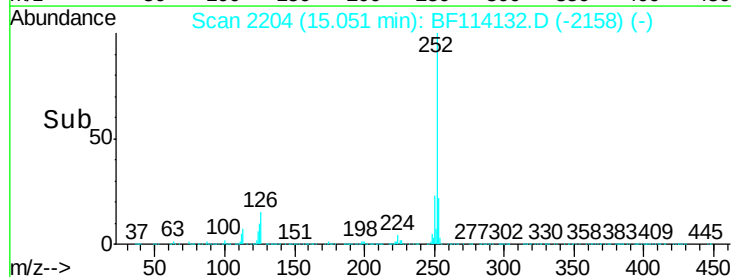
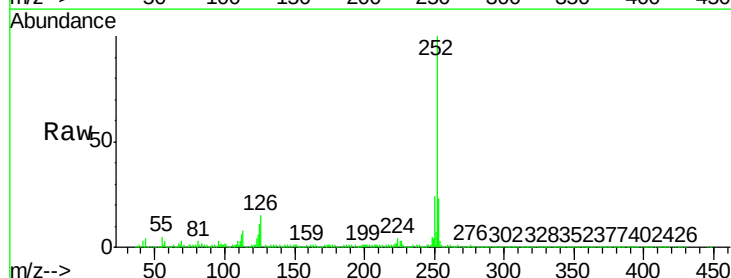
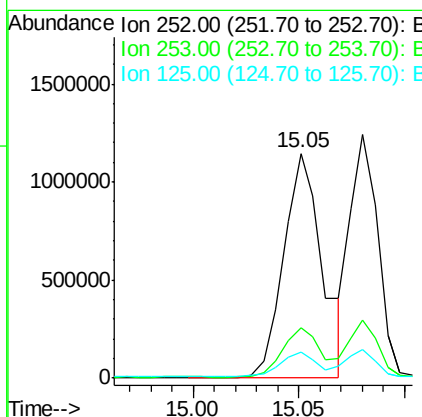
RT: 15.05 min Scan# 2204

Delta R.T. -0.03 min

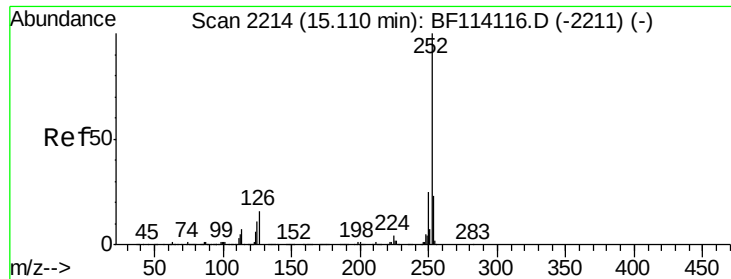
Lab File: BF114132.D

Acq: 10 May 2019 20:34

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 252  | Resp: | 1454784 |
| Ion Ratio |      | Lower | Upper   |
| 252       | 100  |       |         |
| 253       | 22.5 | 17.8  | 26.8    |
| 125       | 11.4 | 8.3   | 12.5    |







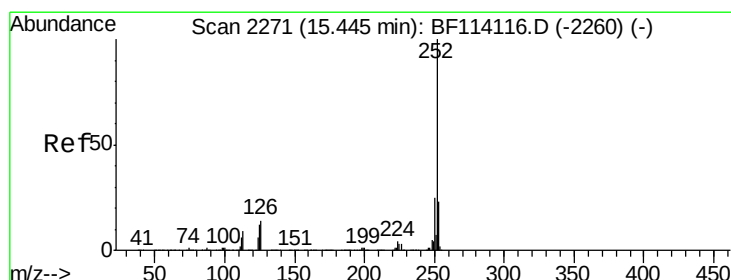
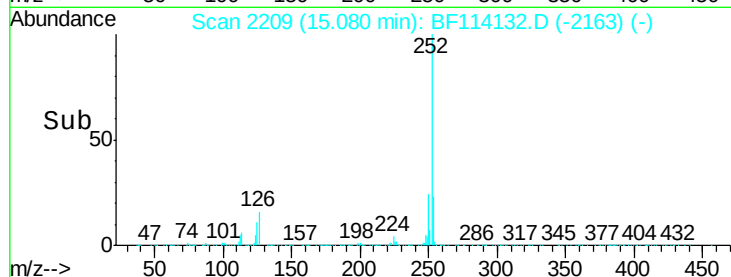
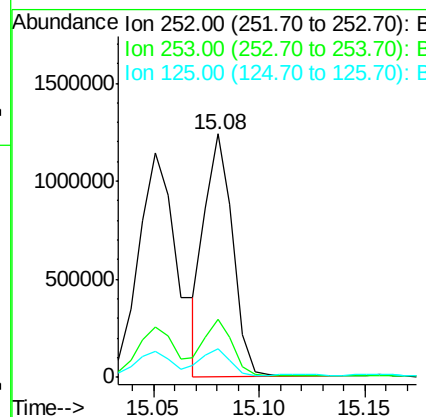
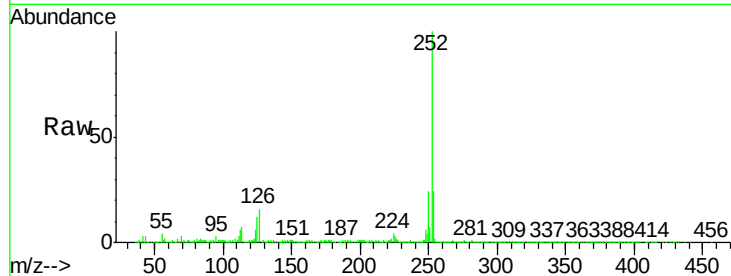
#89  
Benzo(k)fluoranthene  
Concen: 29.836 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.03 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

Instrument :  
BNA\_F  
ClientSampleId :  
P021-SS001-0002-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 18.2  | 27.2  |
| 125     | 11.7  | 8.6   | 13.0  |

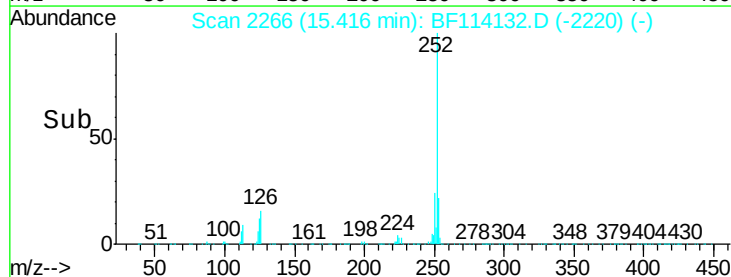
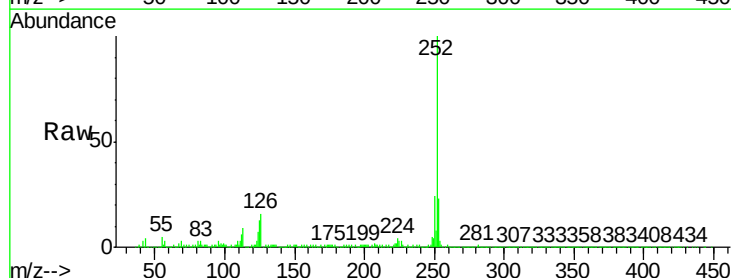
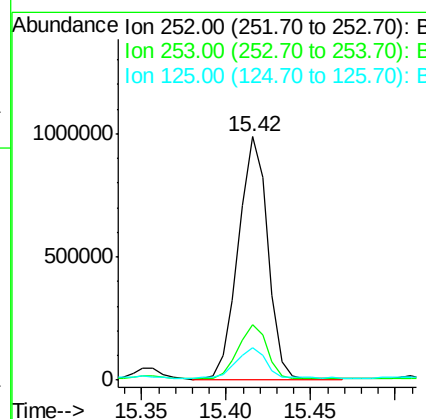
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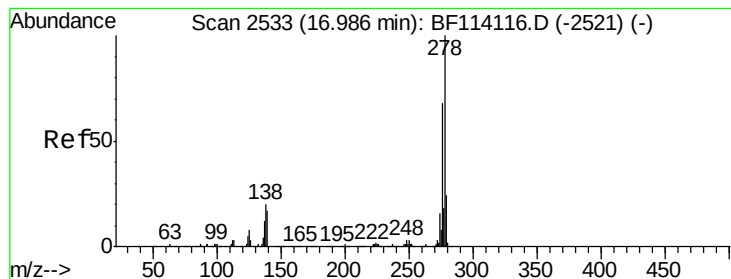
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#90  
Benzo(a)pyrene  
Concen: 32.471 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.03 min  
Lab File: BF114132.D  
Acq: 10 May 2019 20:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 13.3  | 9.5   | 14.3  |





#91

Dibenzo(a,h)anthracene

Concen: 33.732 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

Instrument :

BNA\_F

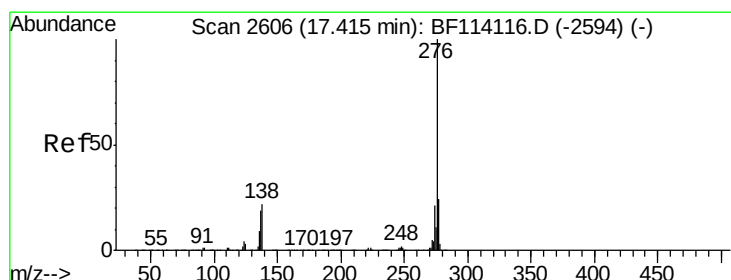
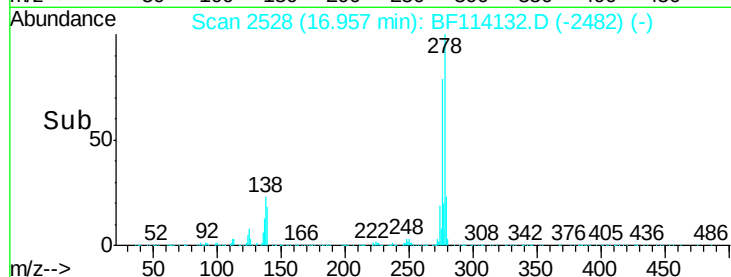
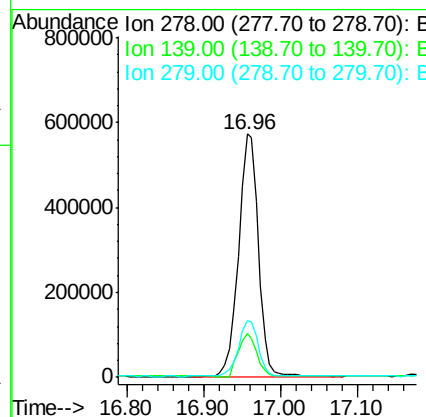
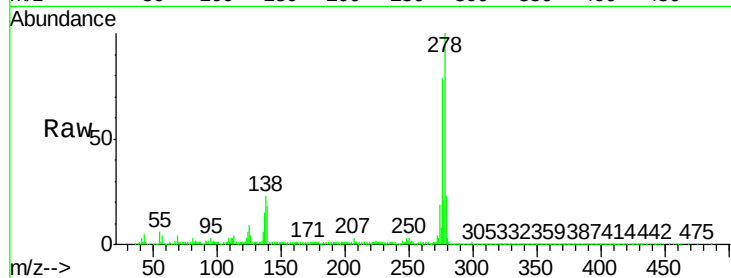
ClientSampleId :

P021-SS001-0002-01MS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 278   | Resp: | 1028524 |
| Ion      | Ratio | Lower | Upper   |
| 278      | 100   |       |         |
| 139      | 18.3  | 13.5  | 20.3    |
| 279      | 23.2  | 19.0  | 28.6    |

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#92

Benzo(g,h,i)perylene

Concen: 33.514 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF114132.D

Acq: 10 May 2019 20:34

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 1024080 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 277      | 24.3  | 19.0  | 28.4    |
| 138      | 22.6  | 17.8  | 26.6    |

