

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\  
 Data File : BM020315.D  
 Acq On : 13 May 2019 14:34  
 Operator : JU/SJ  
 Sample : K2763-20MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

Manual Integrations  
 APPROVED

mohammad  
 5/14/2019 11:11:43 PM

Quant Time: May 14 14:55:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 56473    | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 10.55 | 136  | 204655   | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.40 | 164  | 127943   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.16 | 188  | 311211   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.35 | 240  | 315040   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.63 | 264  | 320144   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 399544  | 115.65 | ng | -0.02 |
| 7) Phenol-d6             | 6.93  | 99  | 555656  | 117.73 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.93  | 82  | 381410  | 73.58  | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 238952  | 120.32 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.02 | 172 | 718169  | 69.06  | ng | -0.04 |
| 79) Terphenyl-d14        | 19.79 | 244 | 1275704 | 70.63  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 55114  | 32.526 | ng | 91     |
| 3) Pyridine                    | 3.68  | 79  | 99602  | 22.984 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 45274  | 32.580 | ng | # 61   |
| 6) Aniline                     | 7.10  | 93  | 53910  | 9.074  | ng | 94     |
| 8) 2-Chlorophenol              | 7.32  | 128 | 144077 | 38.300 | ng | 97     |
| 9) Benzaldehyde                | 6.91  | 77  | 75935  | 21.257 | ng | 96     |
| 10) Phenol                     | 6.96  | 94  | 197235 | 38.818 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 144518 | 39.133 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.65  | 146 | 155272 | 35.476 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 156719 | 35.445 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.10  | 146 | 152586 | 36.223 | ng | 99     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 146959 | 32.290 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.27  | 45  | 108321 | 35.373 | ng | 98     |
| 17) 2-Methylphenol             | 8.20  | 107 | 119101 | 36.413 | ng | 94     |
| 18) Hexachloroethane           | 8.82  | 117 | 60349  | 32.735 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 137217 | 33.981 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.53  | 107 | 153242 | 35.251 | ng | 95     |
| 22) Acetophenone               | 8.59  | 105 | 224447 | 40.128 | ng | # 96   |
| 24) Nitrobenzene               | 8.97  | 77  | 201164 | 37.428 | ng | 94     |
| 25) Isophorone                 | 9.49  | 82  | 349330 | 39.078 | ng | 97     |
| 26) 2-Nitrophenol              | 9.67  | 139 | 73097  | 45.049 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 9.73  | 122 | 103178 | 38.194 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.97  | 93  | 190188 | 39.064 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.20 | 162 | 135925 | 39.903 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.41 | 180 | 160687 | 38.337 | ng | 99     |
| 31) Naphthalene                | 10.60 | 128 | 416059 | 39.176 | ng | 99     |
| 32) Benzoic acid               | 9.85  | 122 | 41549  | 25.250 | ng | 91     |
| 33) 4-Chloroaniline            | 10.73 | 127 | 47203  | 10.799 | ng | 91     |
| 34) Hexachlorobutadiene        | 10.86 | 225 | 99490  | 33.554 | ng | 96     |
| 35) Caprolactam                | 11.55 | 113 | 37137m | 36.460 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.85 | 107 | 152620 | 38.126 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.22 | 142 | 306934 | 39.642 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.44 | 142 | 290534 | 38.374 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 186591 | 37.276 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\  
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 Sample : K2763-20MS  
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

Manual Integrations  
 APPROVED

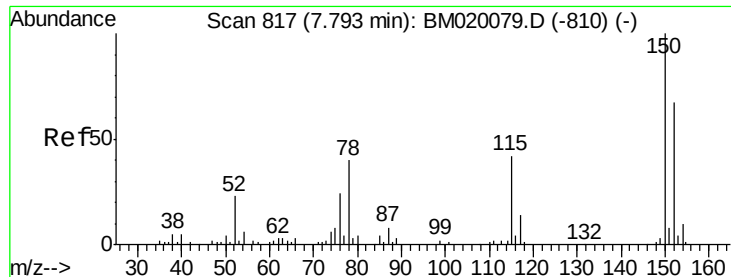
mohammad  
 5/14/2019 11:11:43 PM

Quant Time: May 14 14:55:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.55 | 237  | 211669   | 71.817 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.83 | 196  | 124248   | 43.675 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.90 | 196  | 131480   | 41.371 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.23 | 154  | 395880   | 37.592 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.28 | 162  | 322981   | 38.413 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.50 | 65   | 108368   | 36.202 | nq    | 94       |
| 49) Acenaphthylene             | 14.13 | 152  | 500990   | 37.231 | nq    | 99       |
| 50) Dimethylphthalate          | 13.87 | 163  | 576455   | 53.011 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.00 | 165  | 92269    | 40.286 | nq    | 88       |
| 52) Acenaphthene               | 14.47 | 154  | 292142   | 37.859 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.33 | 138  | 44030    | 20.713 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.54 | 184  | 90952    | 79.357 | nq    | 90       |
| 55) Dibenzofuran               | 14.81 | 168  | 492174   | 37.813 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 127739   | 70.432 | nq    | # 85     |
| 57) 2,4-Dinitrotoluene         | 14.79 | 165  | 127464   | 40.957 | nq    | 90       |
| 58) Fluorene                   | 15.46 | 166  | 392964   | 36.761 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 125489   | 41.551 | nq    | 98       |
| 60) Diethylphthalate           | 15.23 | 149  | 416536   | 38.020 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204  | 225511   | 37.232 | nq    | 95       |
| 62) 4-Nitroaniline             | 15.50 | 138  | 65675    | 27.996 | nq    | 93       |
| 63) Azobenzene                 | 15.74 | 77   | 437357   | 33.839 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 65457    | 42.628 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.67 | 169  | 342185   | 37.366 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.34 | 248  | 140555   | 36.831 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.45 | 284  | 161532   | 36.783 | nq    | 96       |
| 69) Atrazine                   | 16.63 | 200  | 141904   | 39.652 | nq    | 96       |
| 70) Pentachlorophenol          | 16.80 | 266  | 201852   | 80.334 | nq    | 97       |
| 71) Phenanthrene               | 17.20 | 178  | 635773   | 37.009 | nq    | 100      |
| 72) Anthracene                 | 17.29 | 178  | 632260   | 36.811 | nq    | 99       |
| 73) Carbazole                  | 17.57 | 167  | 586236   | 37.826 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.12 | 149  | 691218   | 37.060 | nq    | 98       |
| 75) Fluoranthene               | 19.22 | 202  | 785062   | 36.118 | nq    | 99       |
| 77) Benzidine                  | 19.43 | 184  | 9758     | 0.969  | nq    | 100      |
| 78) Pyrene                     | 19.59 | 202  | 796574   | 37.660 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.48 | 149  | 322260   | 41.897 | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.33 | 228  | 751721   | 34.024 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 116646   | 13.833 | nq    | 97       |
| 83) Chrysene                   | 21.39 | 228  | 750132   | 35.009 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 483082   | 40.474 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.14 | 149  | 819947   | 41.333 | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 832841   | 32.677 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 746136   | 35.294 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 22.99 | 252  | 758753   | 39.346 | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 705299   | 36.729 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.97 | 278  | 723525   | 36.231 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.67 | 276  | 676526   | 35.683 | nq    | 97       |

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





#1

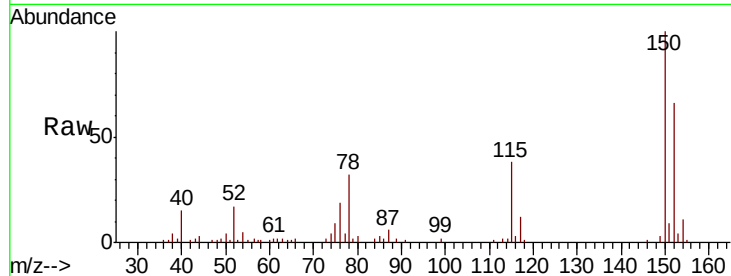
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.76 min Scan# 811  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.2 | 119.8 | 179.8 |
| 115     | 57.2  | 50.8  | 76.2  |

Manual Integrations  
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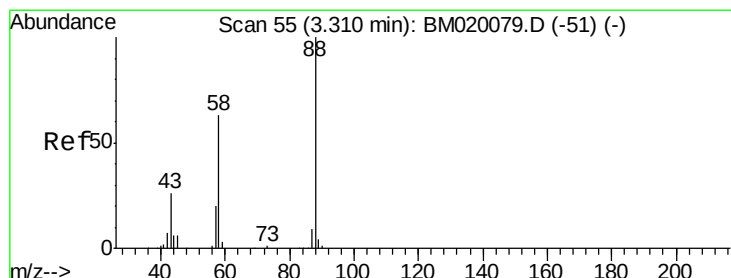
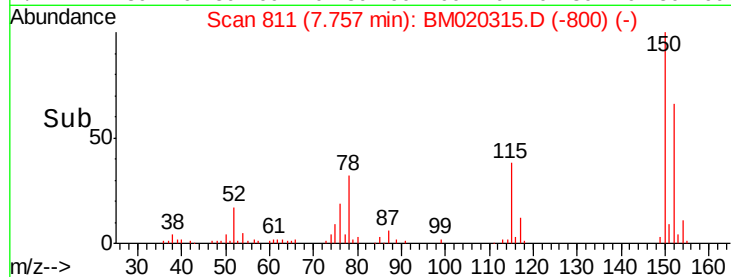
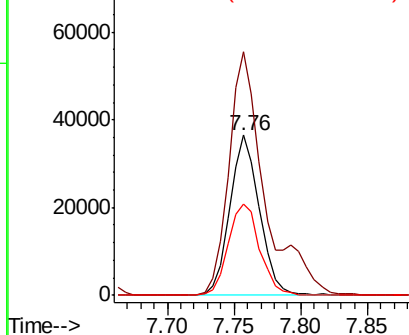


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

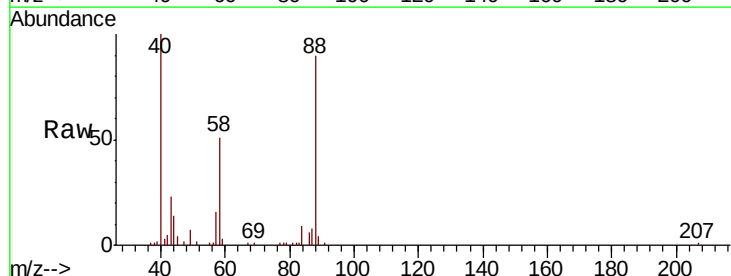
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 32.526 ng  
RT: 3.28 min Scan# 50  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.6  | 51.8  | 77.6  |
| 43      | 20.8  | 20.3  | 30.5  |

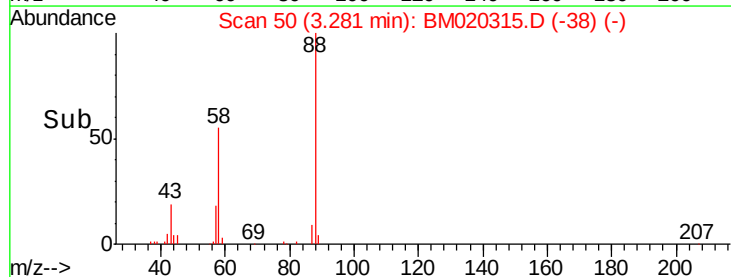
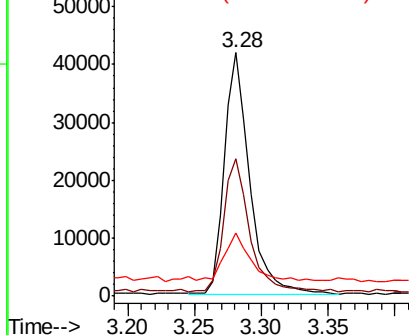


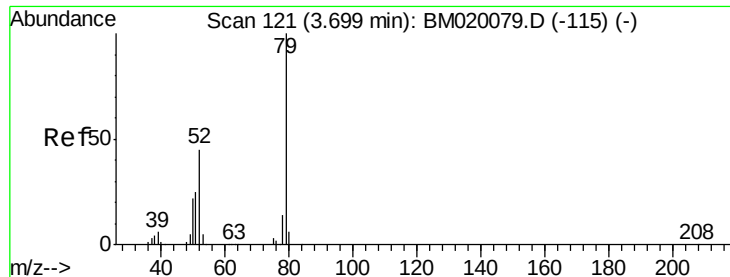
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 22.984 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

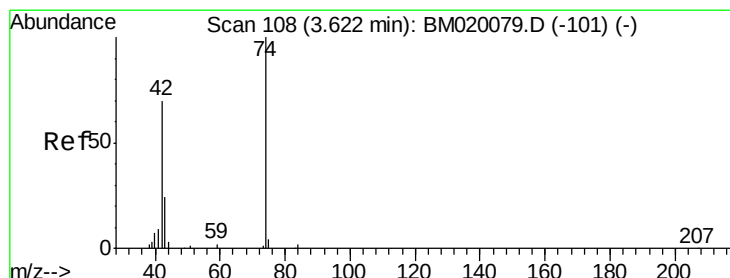
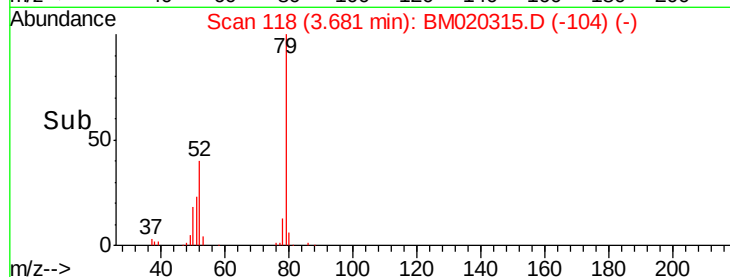
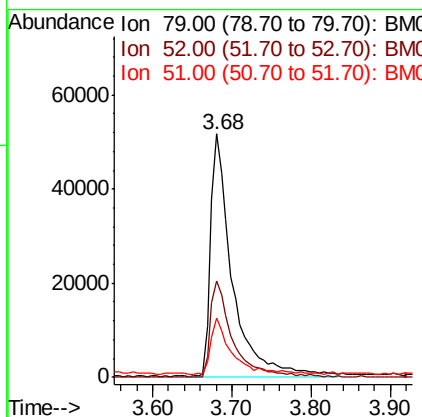
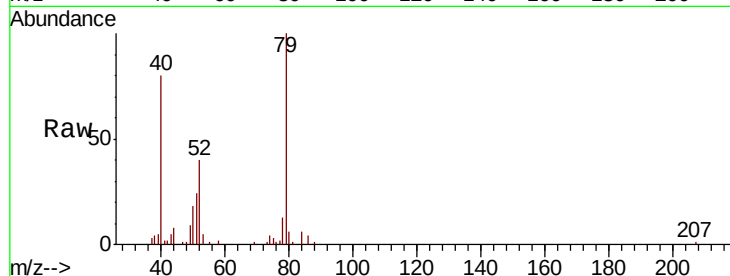
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 99602 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 39.7  | 35.7  | 53.5  |
| 51        | 24.4  | 20.8  | 31.2  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 32.580 ng

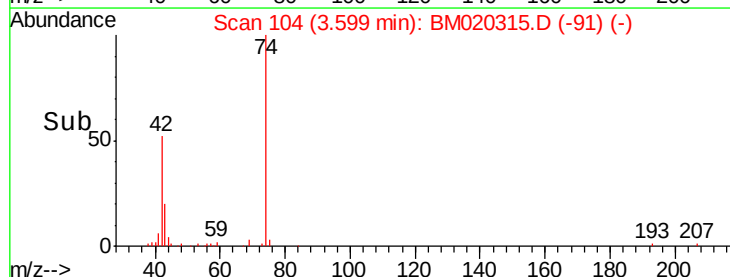
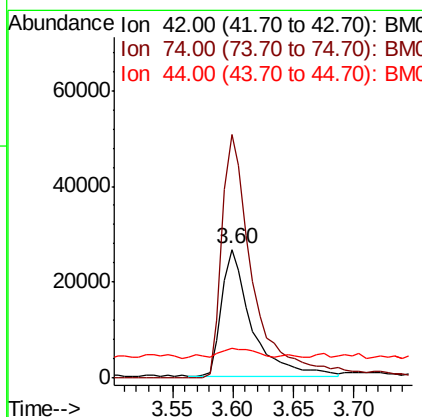
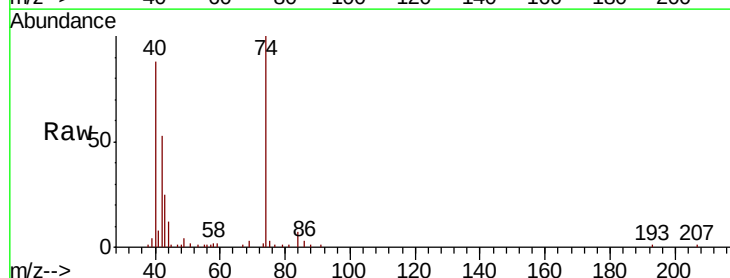
RT: 3.60 min Scan# 104

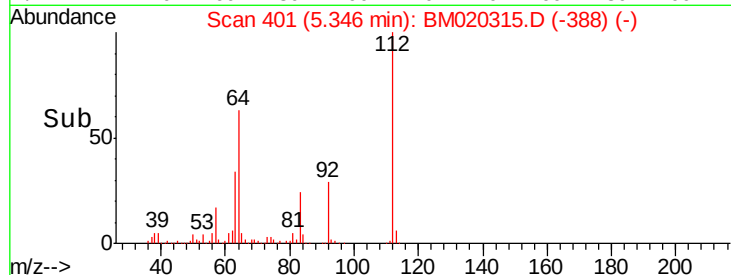
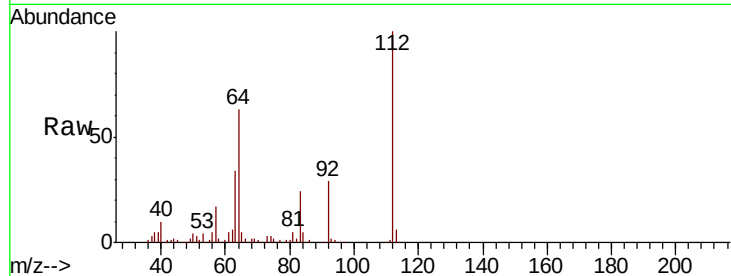
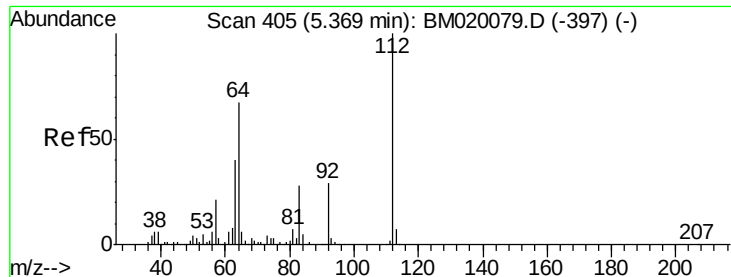
Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 45274  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 189.2 | 113.7 | 170.5# |
| 44        | 23.3  | 3.9   | 5.9#   |





#5

2-Fluorophenol

Concen: 115.647 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 399544 |       |       |
| 64      | 63.3 | 53.8  | 80.6   |       |       |
| 63      | 34.3 | 32.3  | 48.5   |       |       |

Instrument :

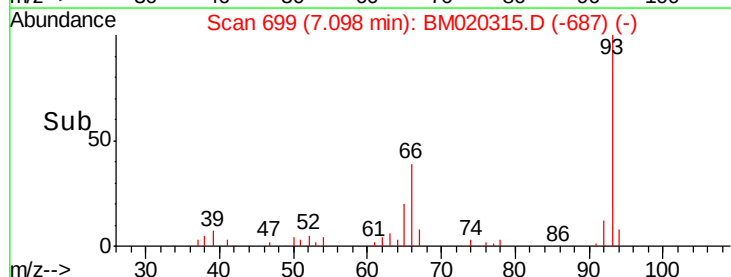
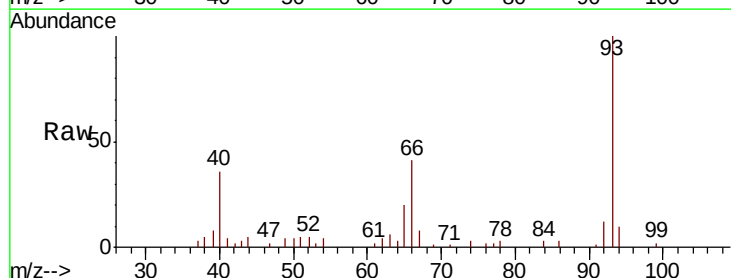
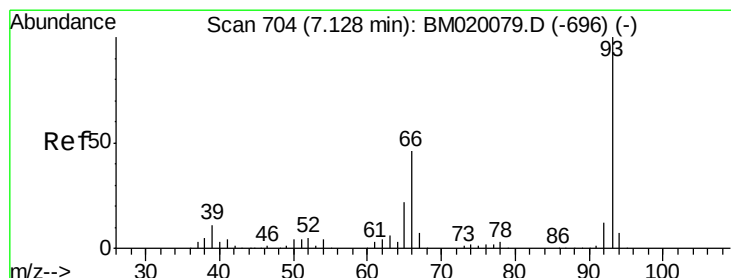
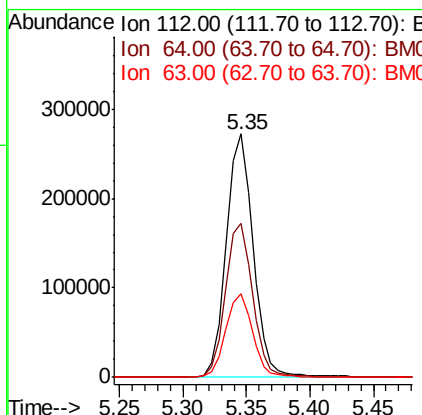
BNA\_M

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#6

Aniline

Concen: 9.074 ng

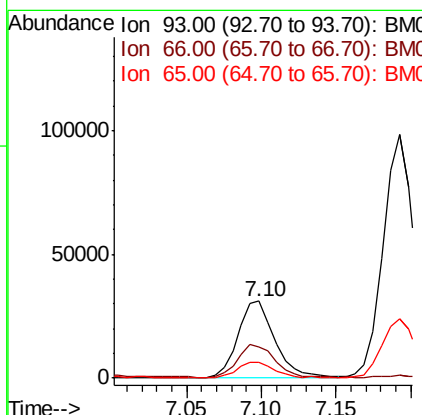
RT: 7.10 min Scan# 699

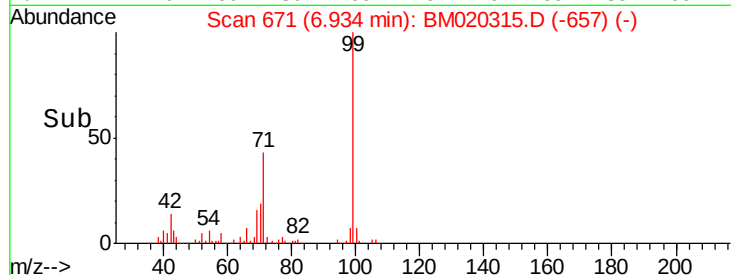
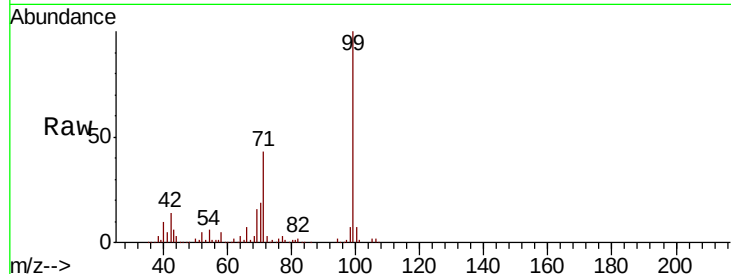
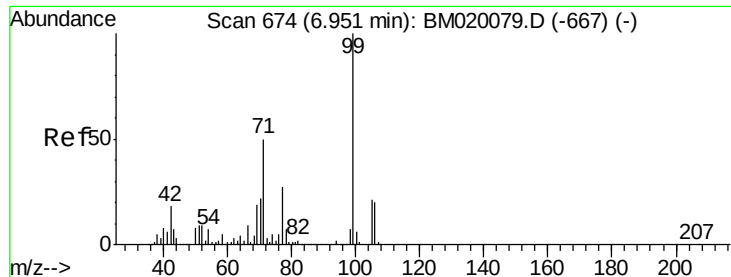
Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 53910 |       |       |
| 66      | 40.7 | 36.6  | 54.8  |       |       |
| 65      | 20.1 | 17.8  | 26.6  |       |       |





#7

Phenol-d6

Concen: 117.728 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 555656 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.9  | 14.2  | 21.2#  |
| 71        | 43.0  | 40.3  | 60.5   |

Instrument :

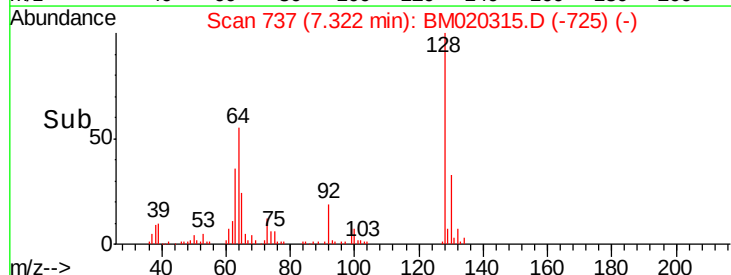
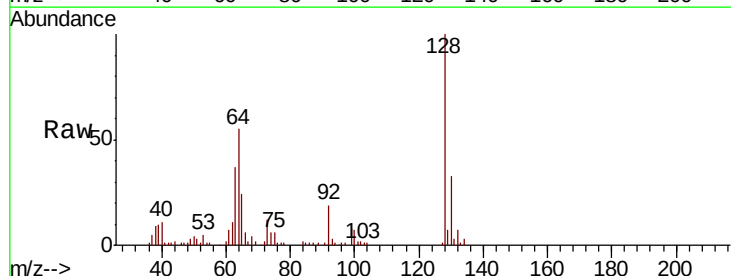
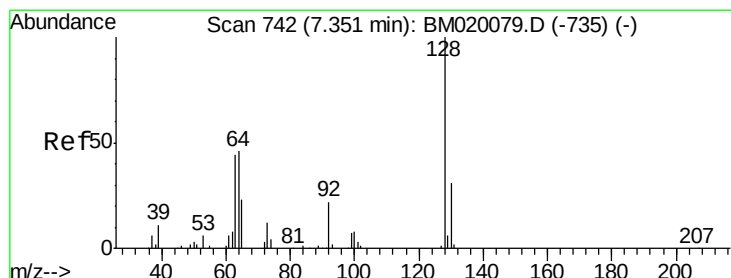
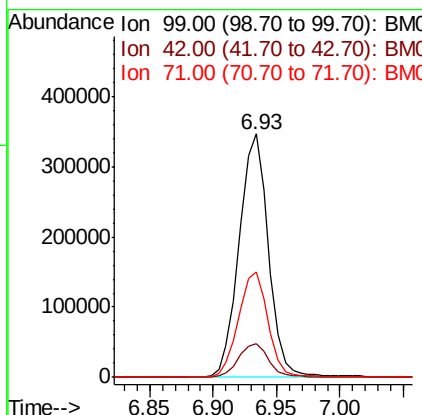
BNA\_M

ClientSampleId :

P021-SS008-0206-01MS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 38.300 ng

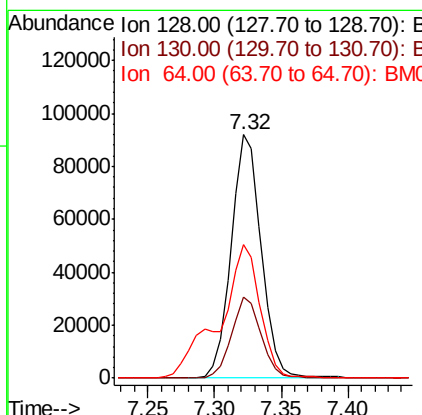
RT: 7.32 min Scan# 737

Delta R.T. -0.03 min

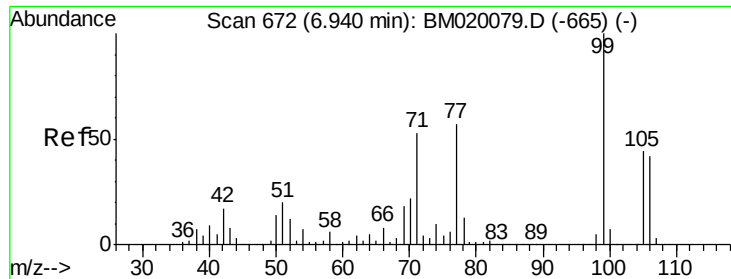
Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 144077 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.4  | 10.8  | 50.8   |
| 64        | 54.9  | 36.5  | 76.5   |







#9

Benzaldehyde

Concen: 21.257 ng

RT: 6.91 min Scan# 667

Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

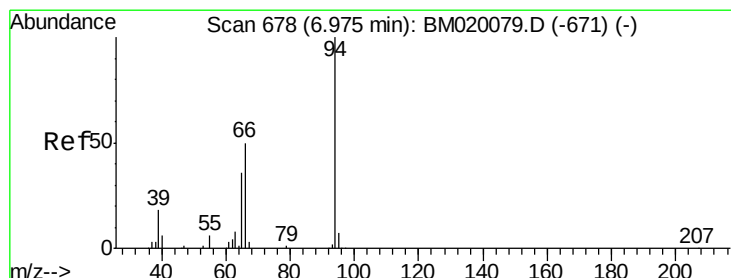
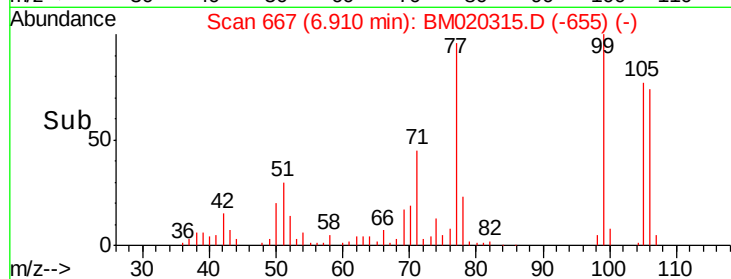
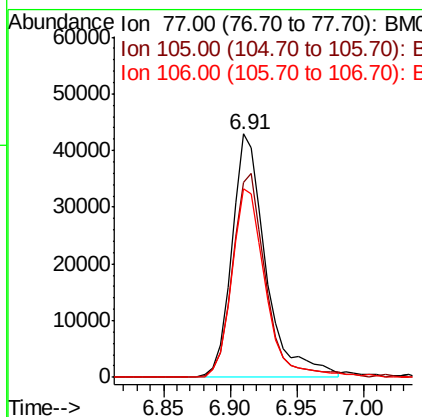
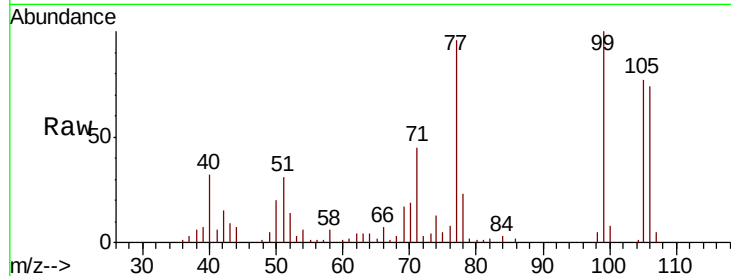
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 75935 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 80.3  | 57.8  | 97.8  |
| 106       | 77.3  | 53.6  | 93.6  |

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#10

Phenol

Concen: 38.818 ng

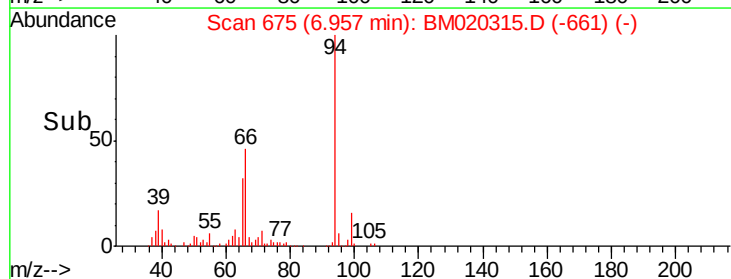
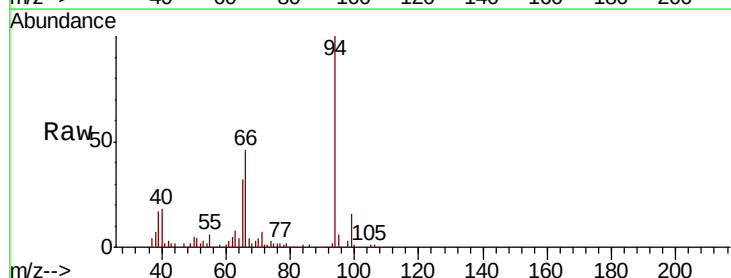
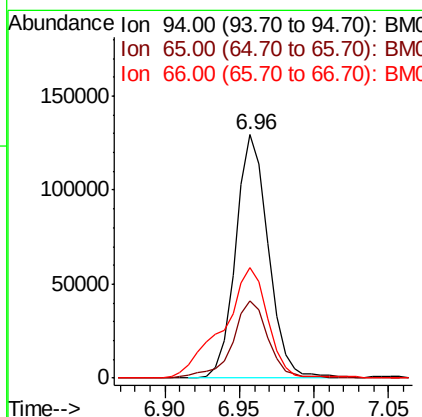
RT: 6.96 min Scan# 675

Delta R.T. -0.02 min

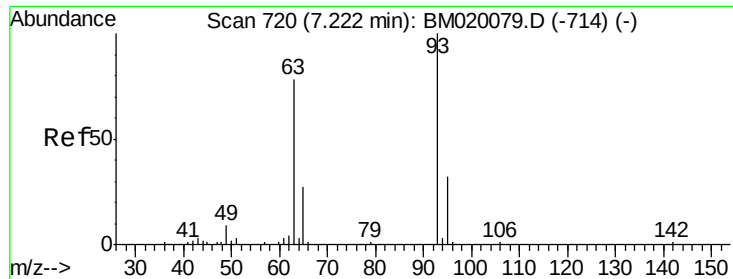
Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 197235 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.0  | 17.0  | 57.0   |
| 66        | 45.6  | 34.5  | 74.5   |







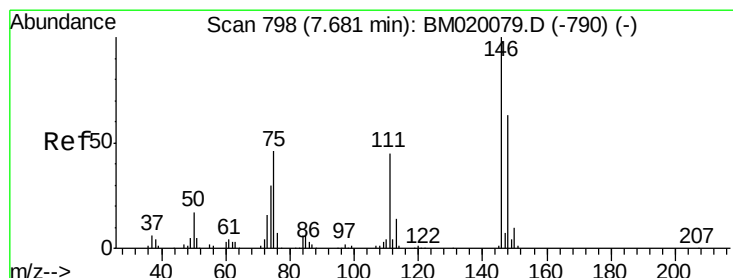
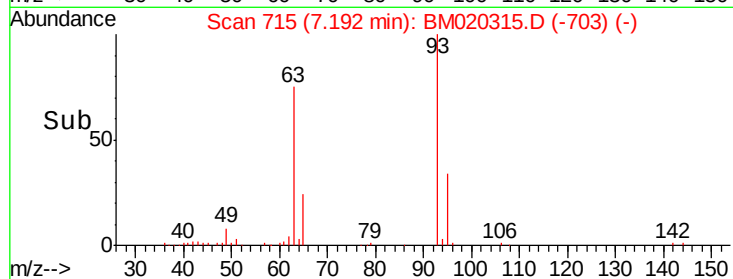
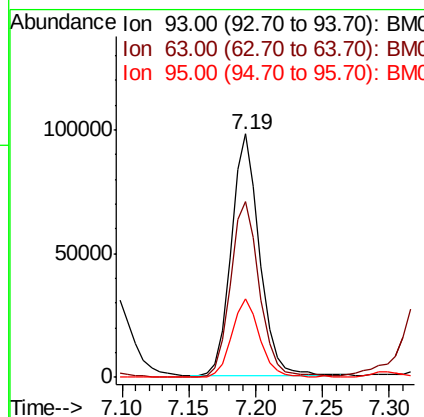
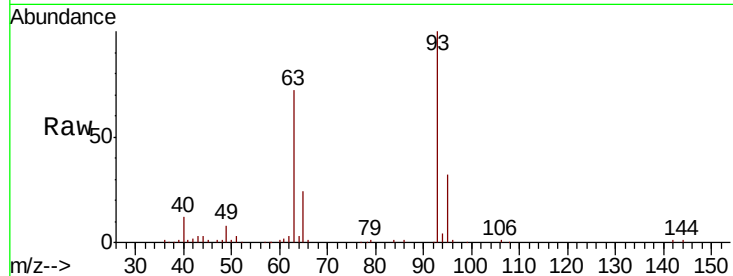
#11  
bis(2-Chloroethyl)ether  
Concen: 39.133 ng  
RT: 7.19 min Scan# 715  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 144518 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.3  | 57.9  | 97.9   |
| 95        | 32.4  | 11.3  | 51.3   |

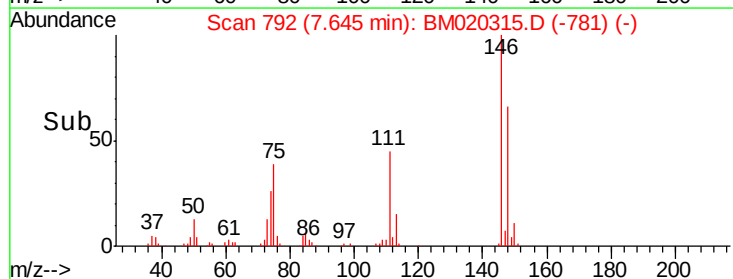
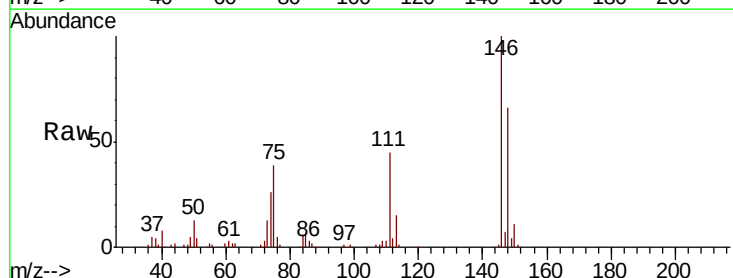
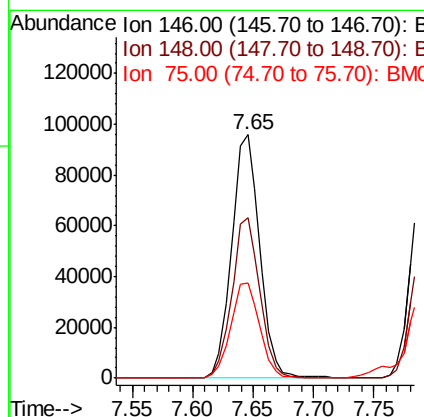
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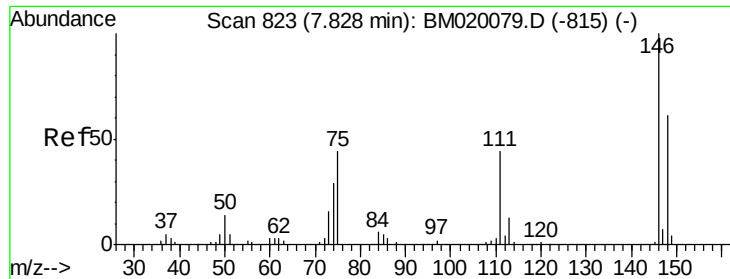
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#12  
1,3-Dichlorobenzene  
Concen: 35.476 ng  
RT: 7.65 min Scan# 792  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 155272 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.1  | 50.1  | 75.1   |
| 75        | 39.1  | 37.2  | 55.8   |





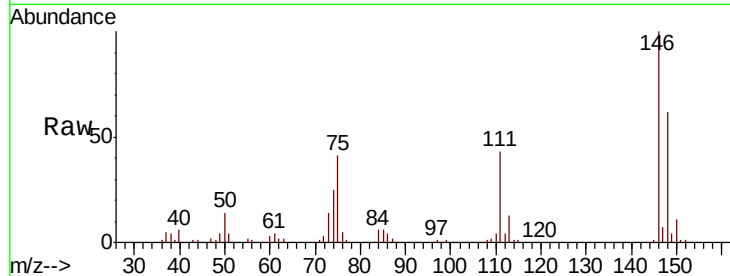
#13  
 1,4-Dichlorobenzene  
 Concen: 35.445 ng  
 RT: 7.79 min Scan# 817  
 Delta R.T. -0.04 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleID :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 48.5  | 72.7  |
| 111     | 43.1  | 35.7  | 53.5  |

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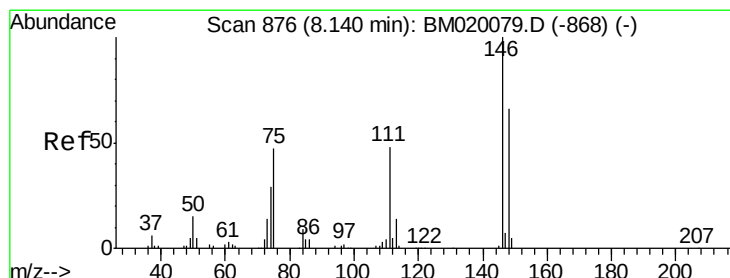
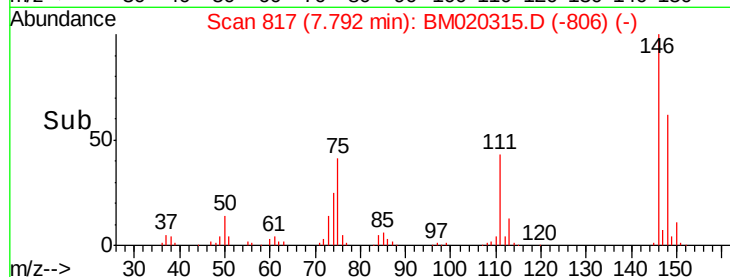
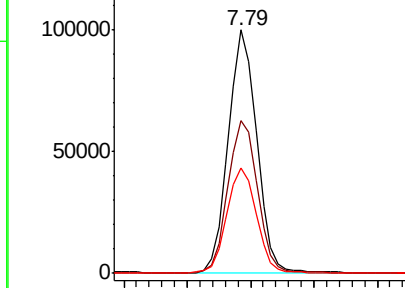


Abundance

Ion 146.00 (145.70 to 146.70): E

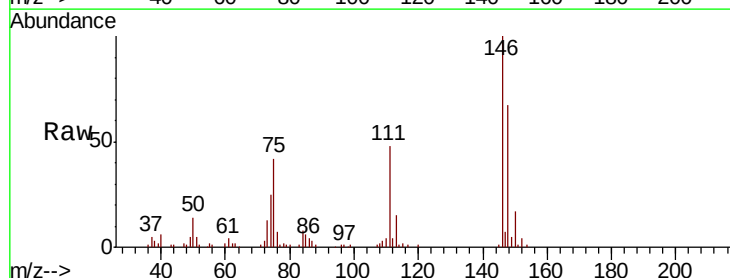
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 36.223 ng  
 RT: 8.10 min Scan# 870  
 Delta R.T. -0.04 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.7  | 52.6  | 79.0  |
| 111     | 48.2  | 39.0  | 58.4  |

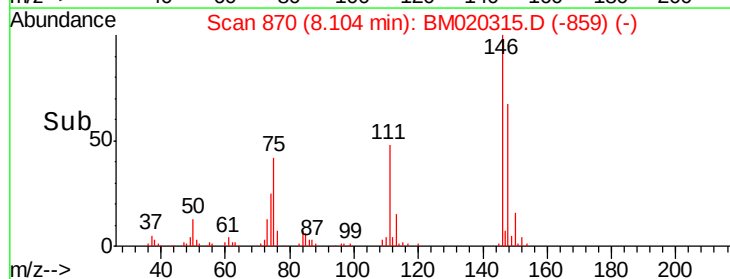
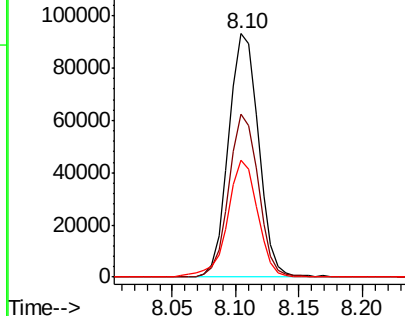


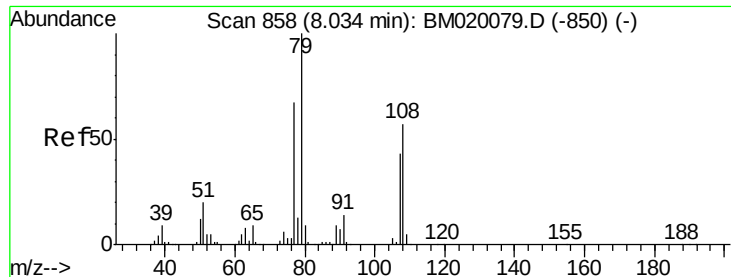
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.290 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

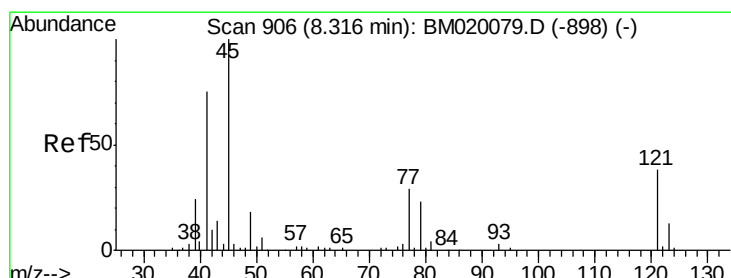
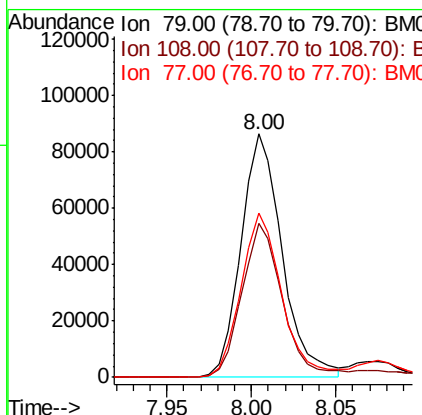
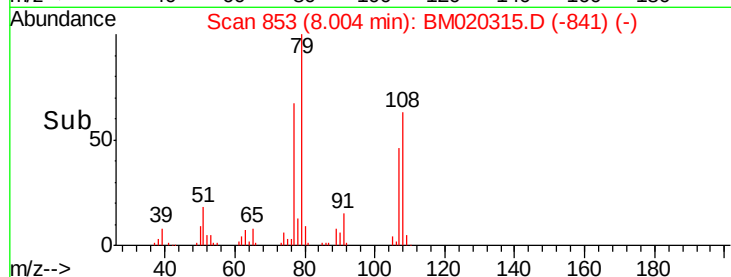
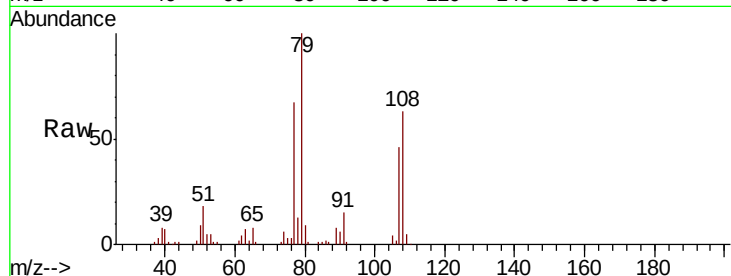
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 146959 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.1  | 46.0  | 69.0   |
| 77        | 67.4  | 53.8  | 80.6   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.373 ng

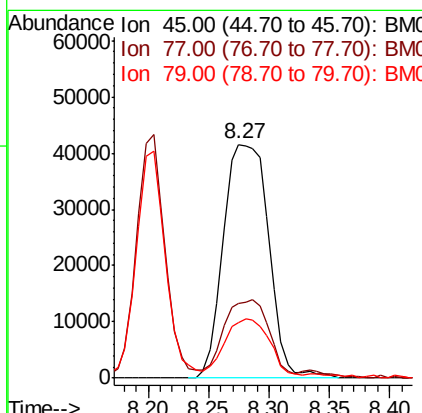
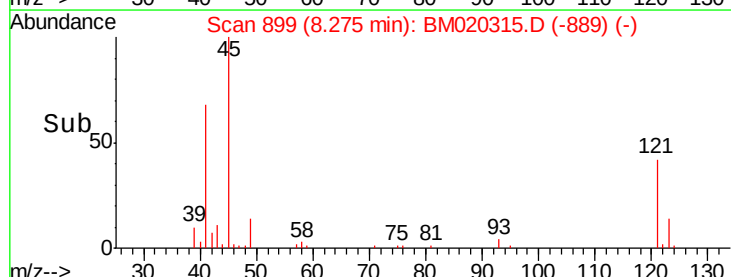
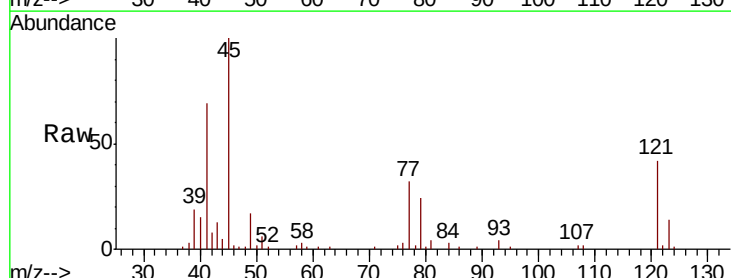
RT: 8.27 min Scan# 899

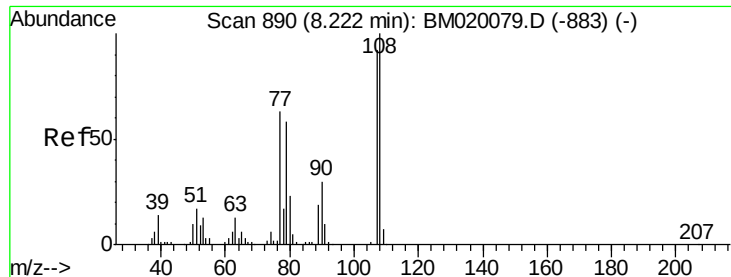
Delta R.T. -0.04 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 108321 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 31.8  | 10.5  | 50.5   |
| 79        | 23.9  | 3.3   | 43.3   |





#17

2-Methylphenol

Concen: 36.413 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

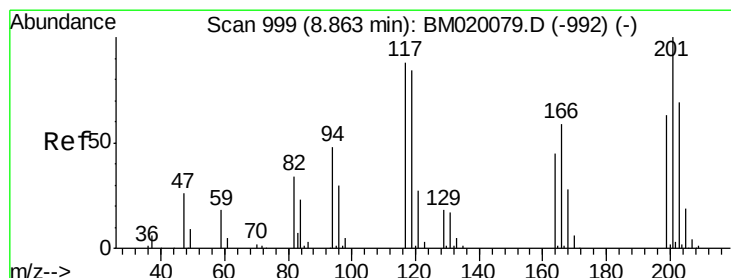
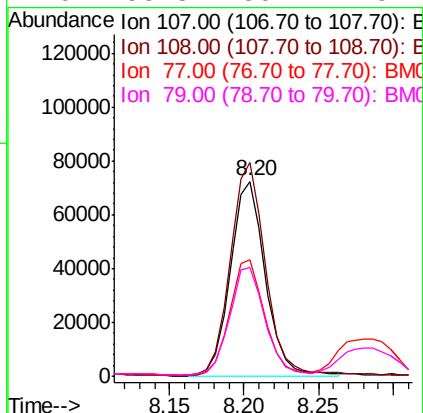
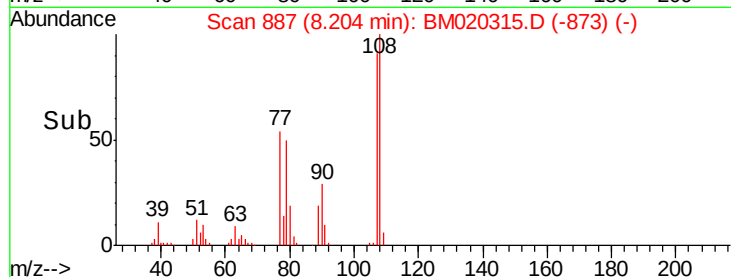
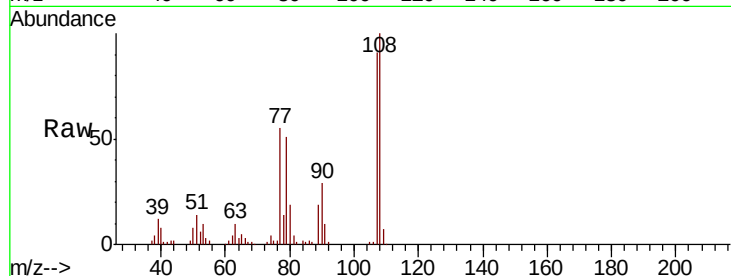
ClientSampleId :

P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.5 | 87.0 | 130.4 |       |
| 77      | 59.7  | 54.7 | 82.1  |       |
| 79      | 55.8  | 50.1 | 75.1  |       |

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#18

Hexachloroethane

Concen: 32.735 ng

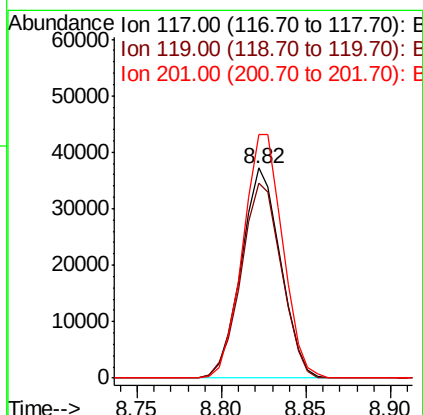
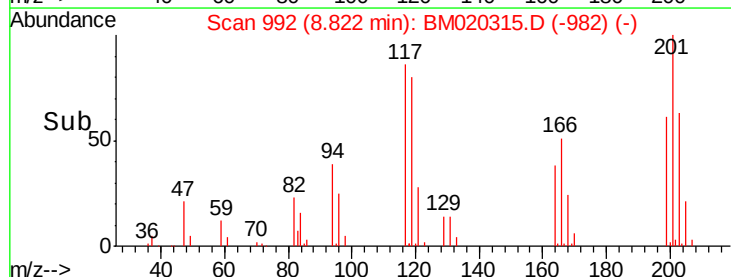
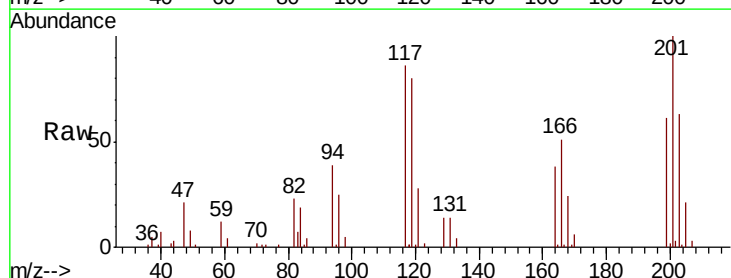
RT: 8.82 min Scan# 992

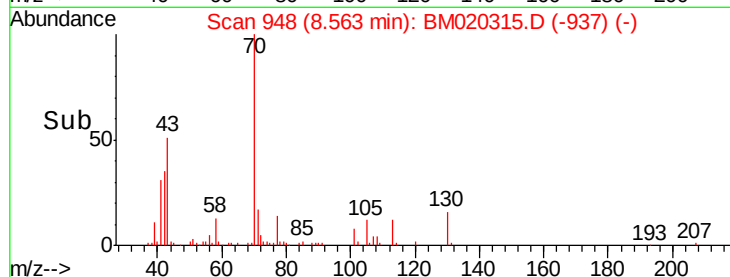
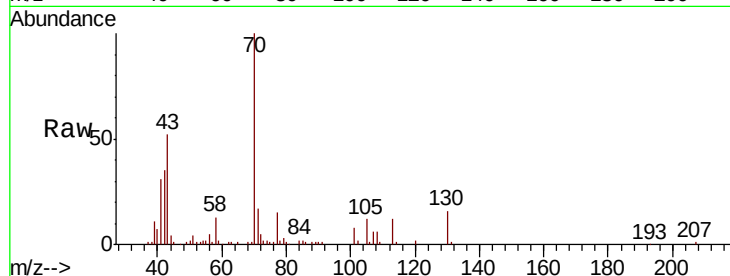
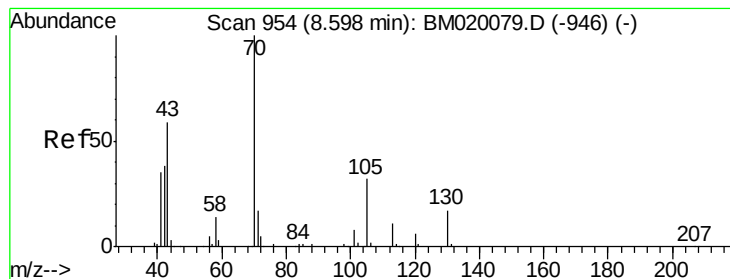
Delta R.T. -0.04 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 92.9  | 76.6 | 114.8 |       |
| 201     | 115.9 | 90.7 | 136.1 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 33.981 ng

RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 137217 |       |       |
| 42      | 35.3 | 31.0  | 46.4   |       |       |
| 101     | 8.0  | 6.2   | 9.2    |       |       |
| 130     | 16.1 | 13.5  | 20.3   |       |       |

Instrument :

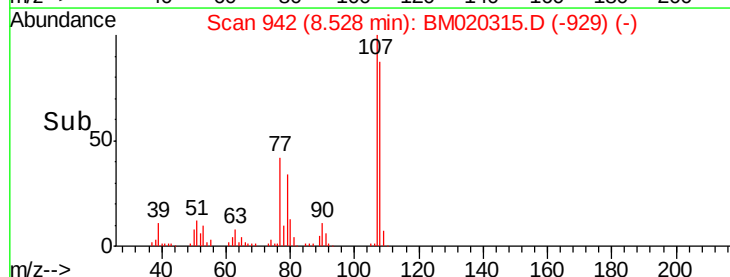
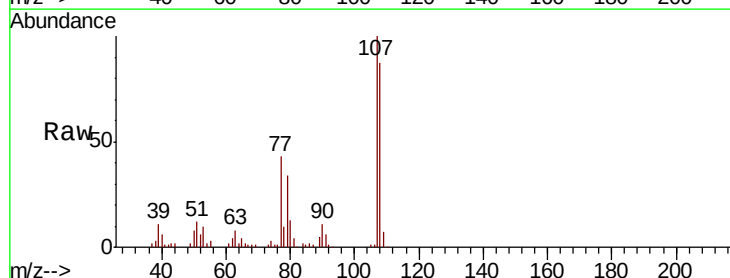
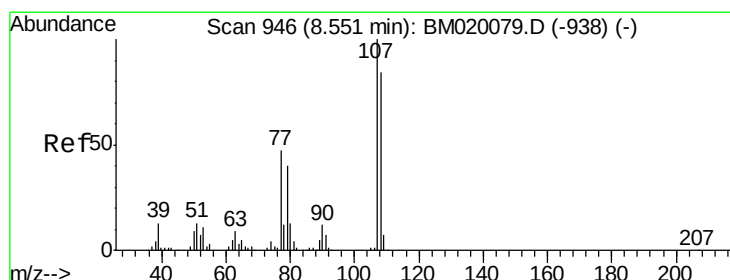
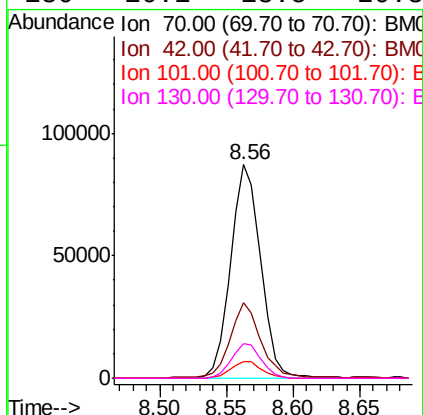
BNA\_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 35.251 ng

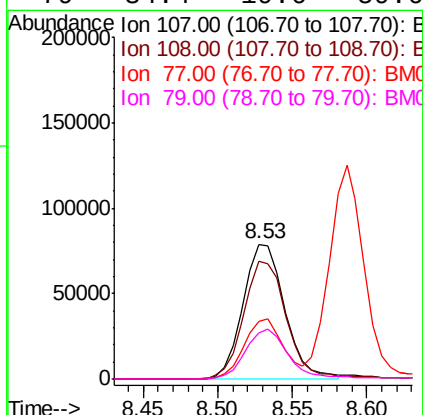
RT: 8.53 min Scan# 942

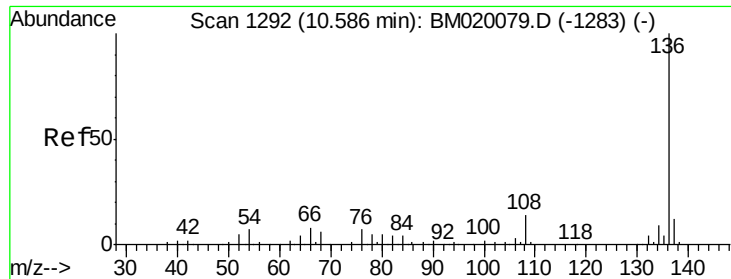
Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 153242 |       |       |
| 108     | 87.0 | 64.4  | 104.4  |       |       |
| 77      | 42.7 | 27.2  | 67.2   |       |       |
| 79      | 34.4 | 19.6  | 59.6   |       |       |





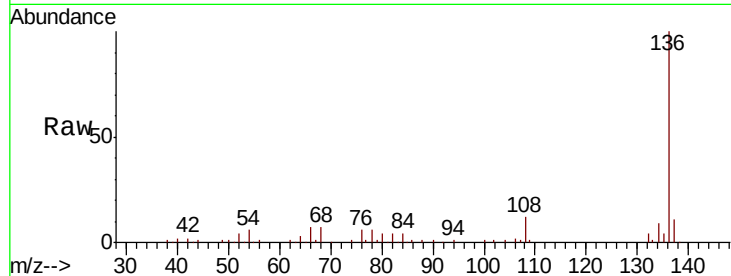
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.55 min Scan# 1286  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

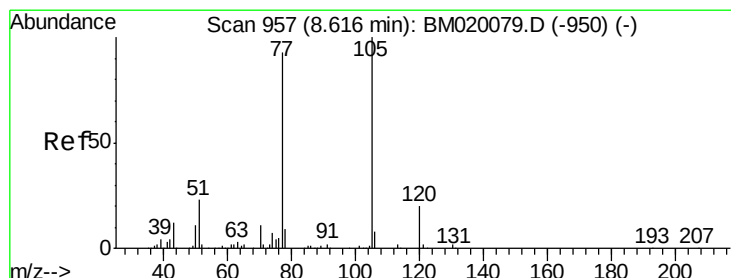
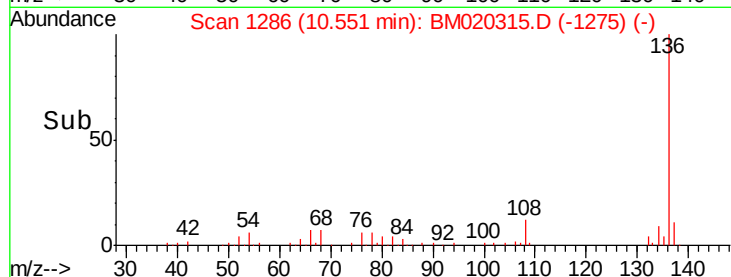
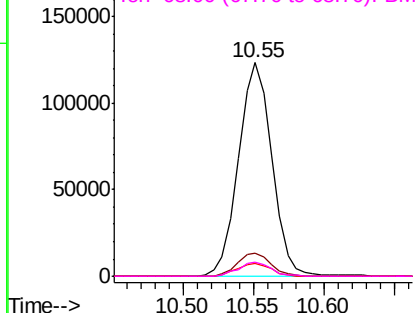
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 204655 |       |       |
| 137     | 10.7  |        | 9.6   | 14.4  |
| 54      | 5.9   |        | 5.5   | 8.3   |
| 68      | 6.7   |        | 4.6   | 6.8   |

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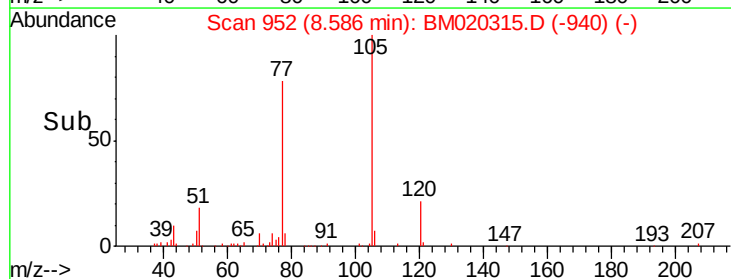
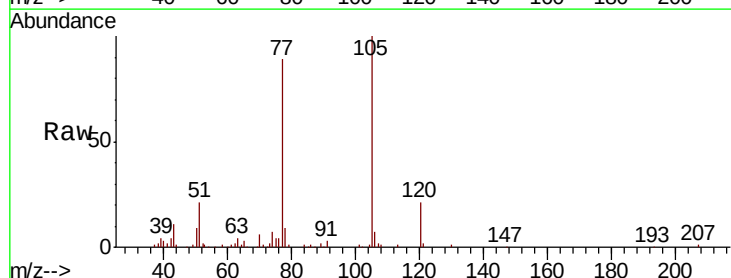
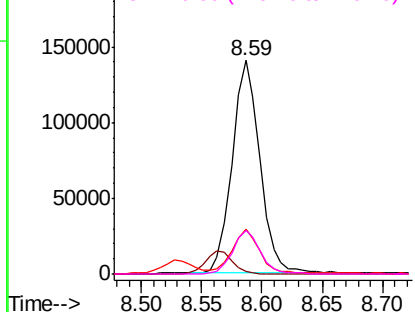
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

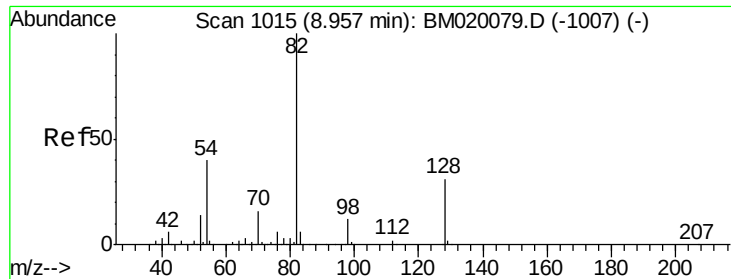


#22  
Acetophenone  
Concen: 40.128 ng  
RT: 8.59 min Scan# 952  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 224447 |       |       |
| 71      | 1.2   |        | 2.2   | 3.2#  |
| 51      | 20.8  |        | 19.3  | 28.9  |
| 120     | 20.6  |        | 16.2  | 24.4  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM  
Ion 51.00 (50.70 to 51.70): BM  
Ion 120.00 (119.70 to 120.70): E





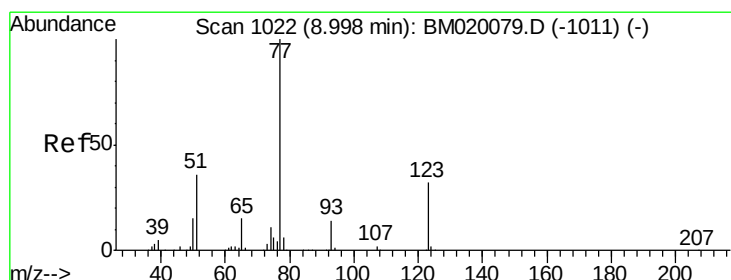
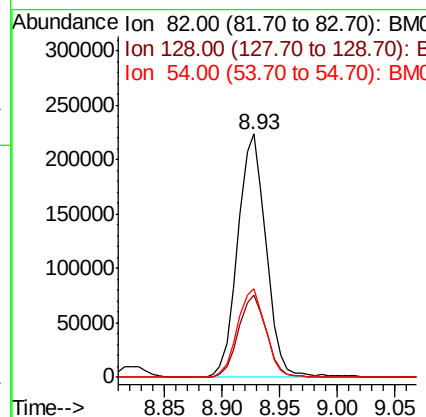
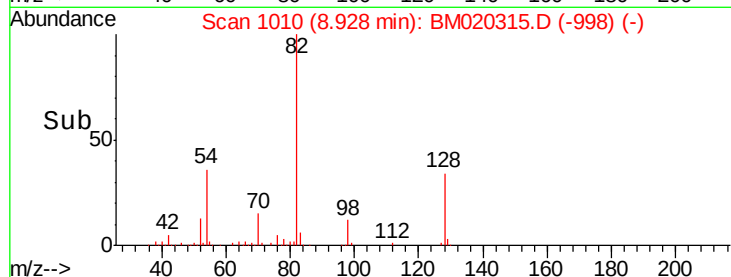
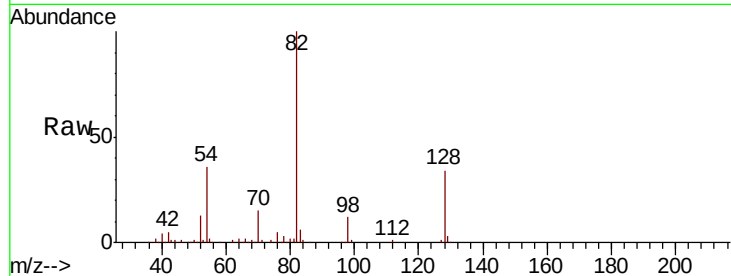
#23  
Nitrobenzene-d5  
Concen: 73.578 ng  
RT: 8.93 min Scan# 1010  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 381410 |       |       |
| 128     | 33.6  | 25.2   | 37.8  |       |
| 54      | 36.4  | 31.9   | 47.9  |       |

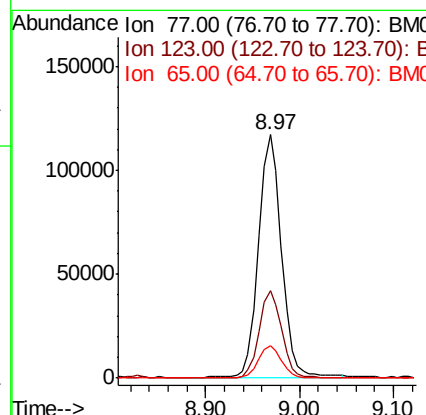
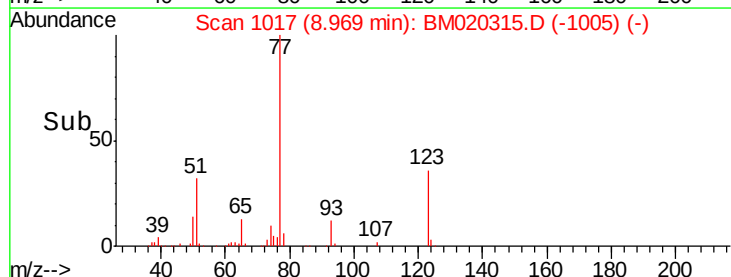
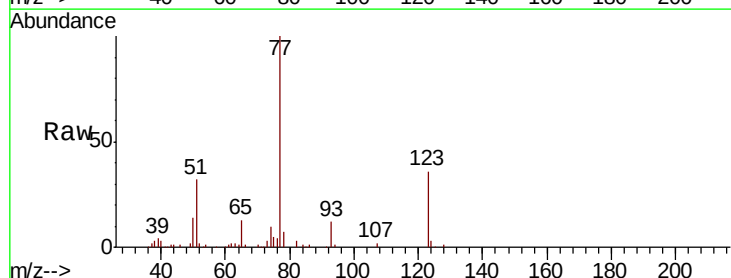
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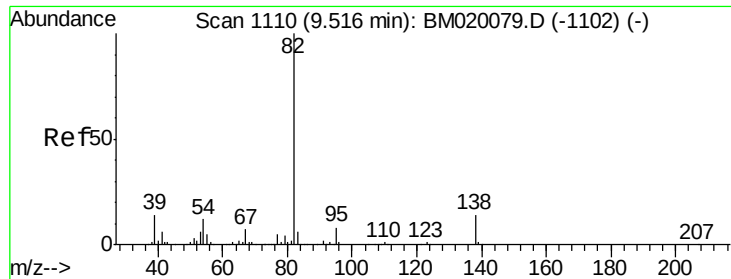


#24  
Nitrobenzene  
Concen: 37.428 ng  
RT: 8.97 min Scan# 1017  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 201164 |       |       |
| 123     | 36.0  | 25.5   | 38.3  |       |
| 65      | 13.4  | 11.8   | 17.6  |       |







#25

Isophorone

Concen: 39.078 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

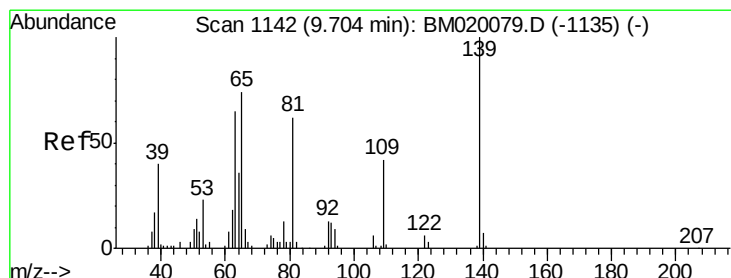
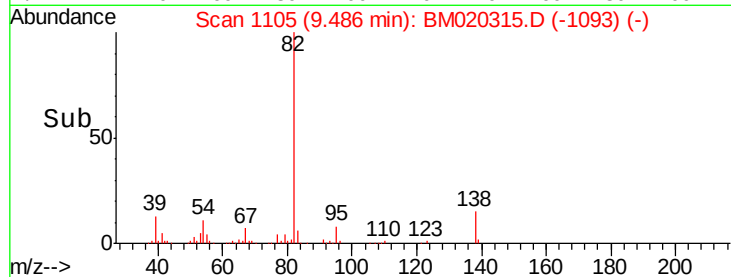
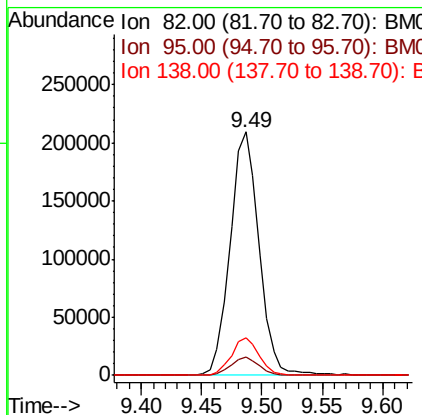
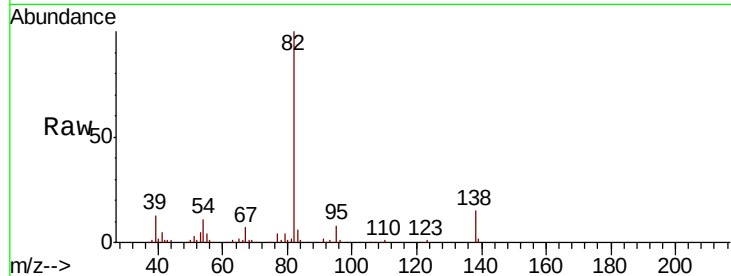
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 349330 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 6.4   | 9.6    |
| 138       | 15.5  | 11.1  | 16.7   |

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#26

2-Nitrophenol

Concen: 45.049 ng

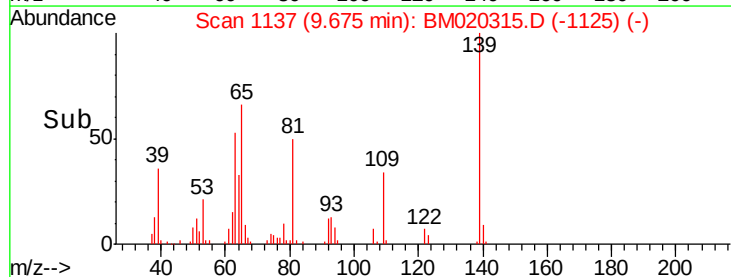
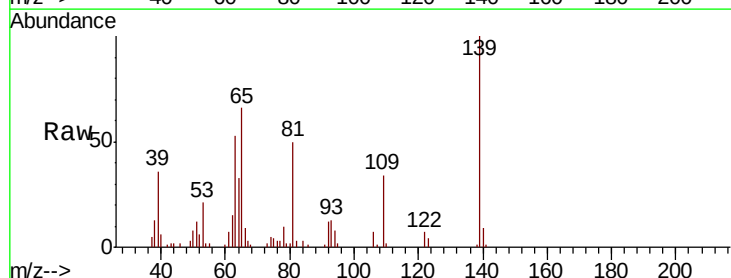
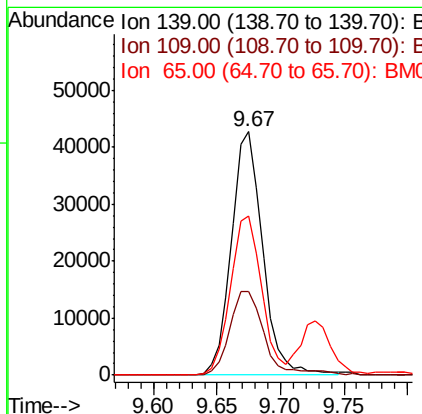
RT: 9.67 min Scan# 1137

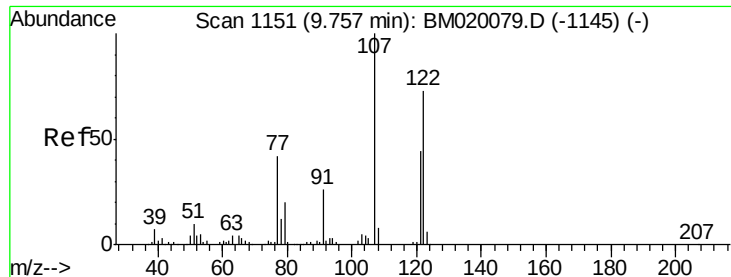
Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 73097 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 34.3  | 33.7  | 50.5  |
| 65        | 65.6  | 59.5  | 89.3  |





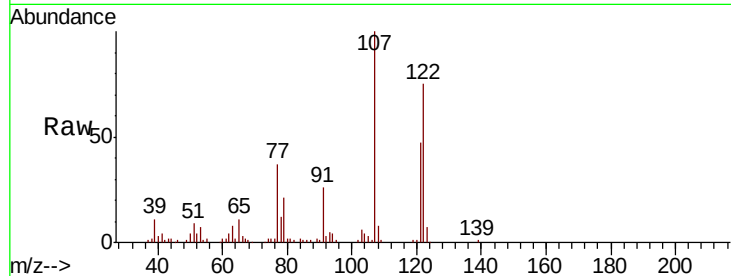
#27  
 2,4-Dimethylphenol  
 Concen: 38.194 ng  
 RT: 9.73 min Scan# 1146  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 132.5 | 108.6 | 162.8 |
| 121     | 61.8  | 47.4  | 71.2  |

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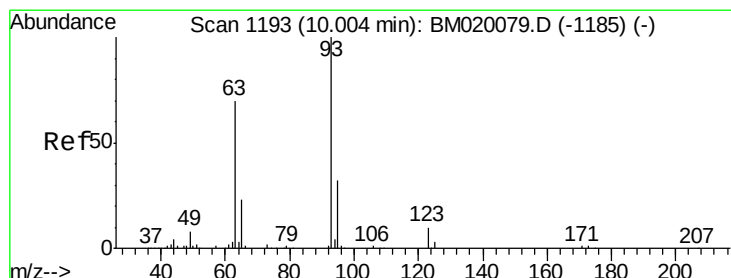
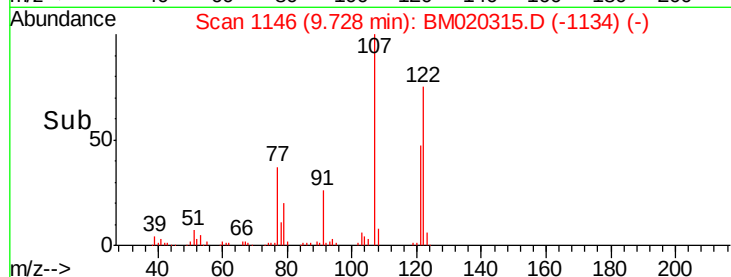
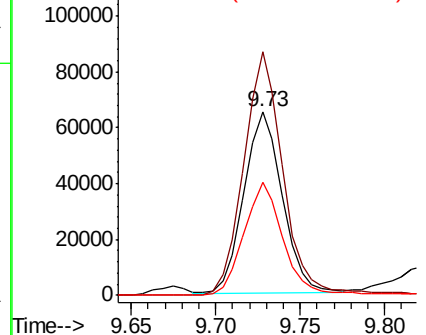


Abundance

Ion 122.00 (121.70 to 122.70): E

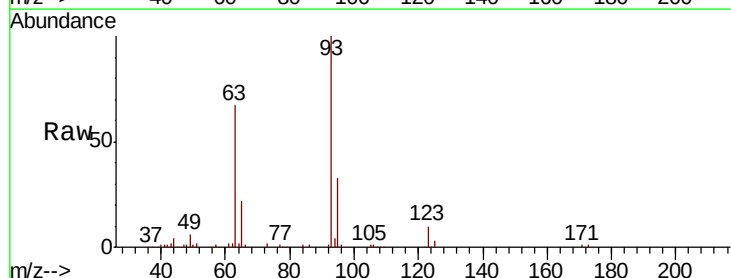
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.064 ng  
 RT: 9.97 min Scan# 1187  
 Delta R.T. -0.04 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 25.5  | 38.3  |
| 123     | 9.7   | 7.6   | 11.4  |

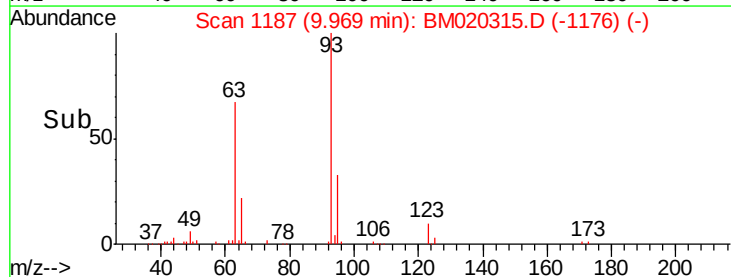
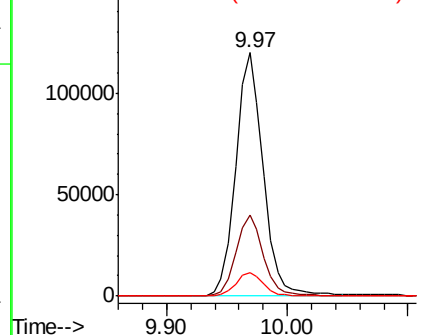


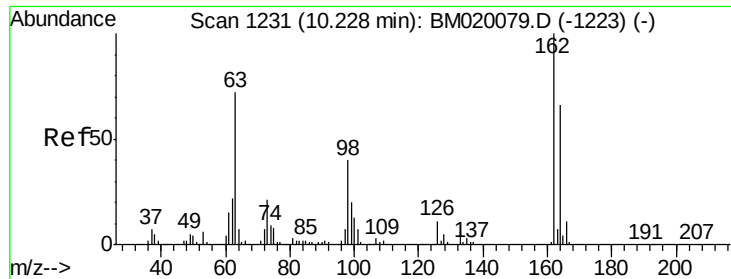
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





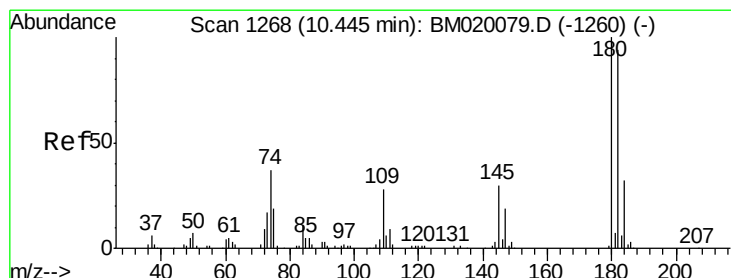
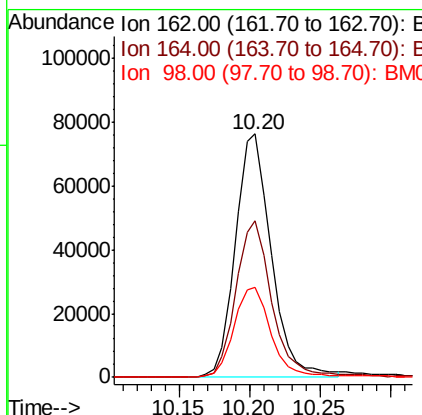
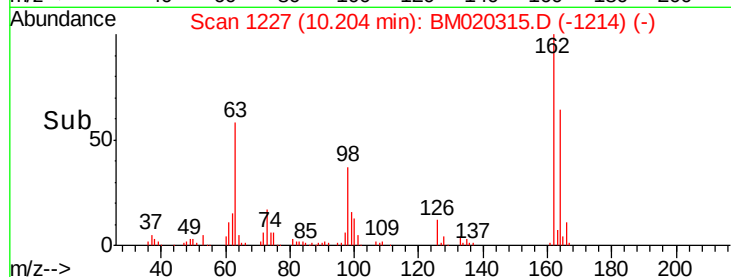
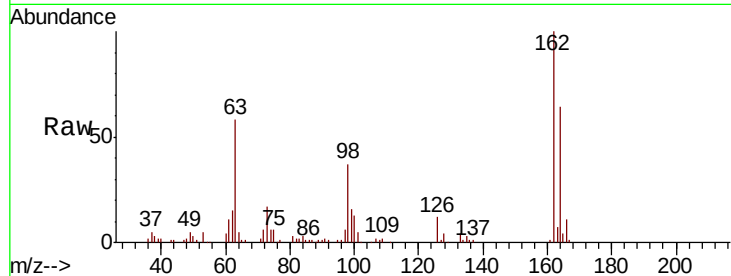
#29  
2,4-Dichlorophenol  
Concen: 39.903 ng  
RT: 10.20 min Scan# 1227  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 135925 |       |       |
| 164     | 64.3  | 45.6   | 85.6  |       |
| 98      | 36.9  | 20.4   | 60.4  |       |

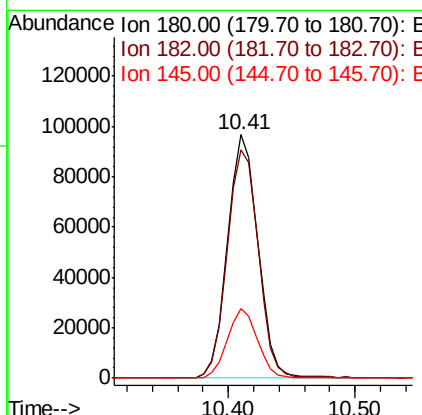
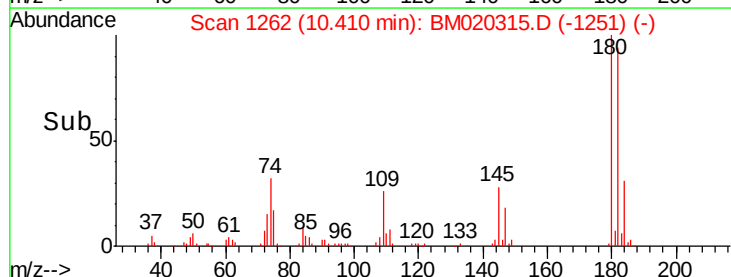
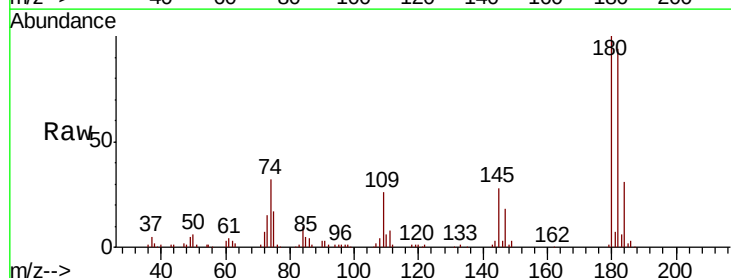
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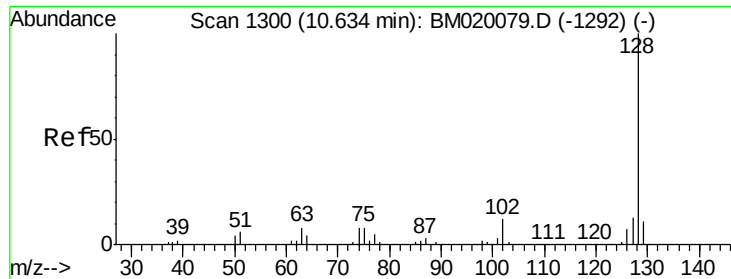
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.337 ng  
RT: 10.41 min Scan# 1262  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 160687 |       |       |
| 182     | 94.0  | 75.4   | 113.0 |       |
| 145     | 28.3  | 23.8   | 35.8  |       |





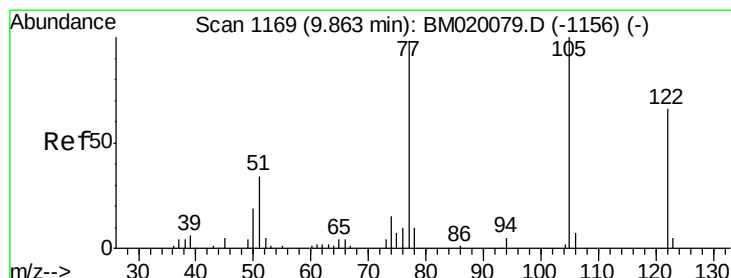
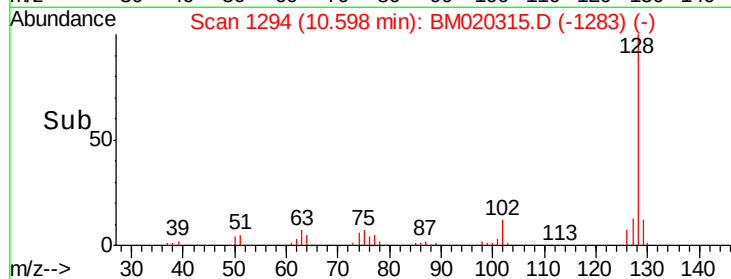
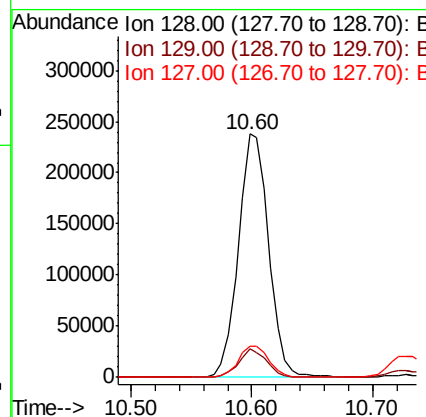
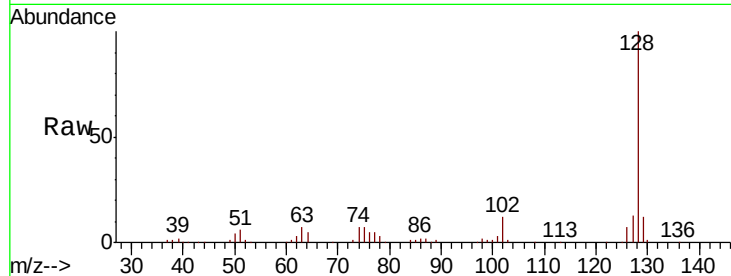
#31  
Naphthalene  
Concen: 39.176 ng  
RT: 10.60 min Scan# 1294  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.0   | 13.4  |
| 127     | 12.8  | 10.4  | 15.6  |

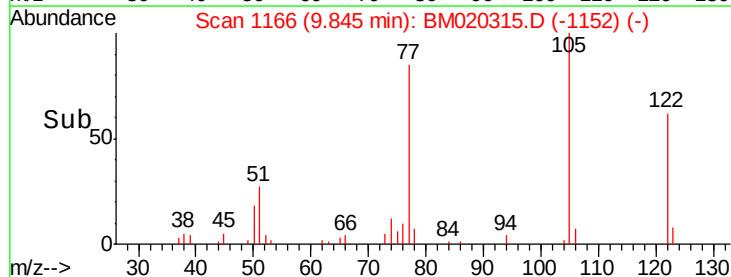
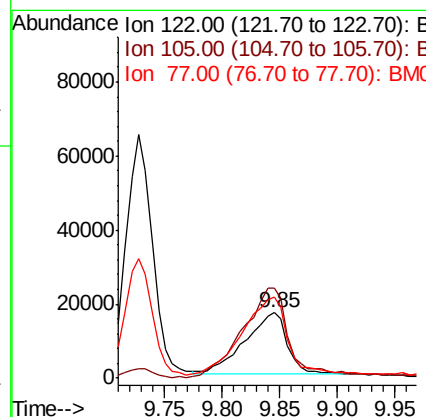
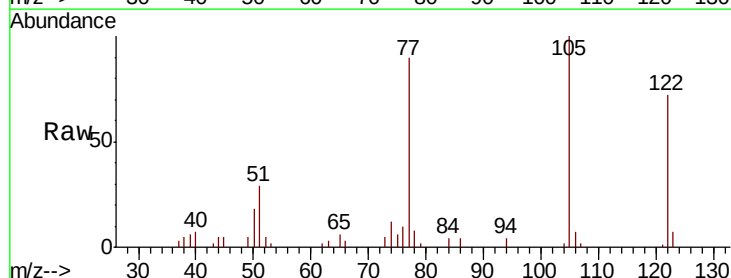
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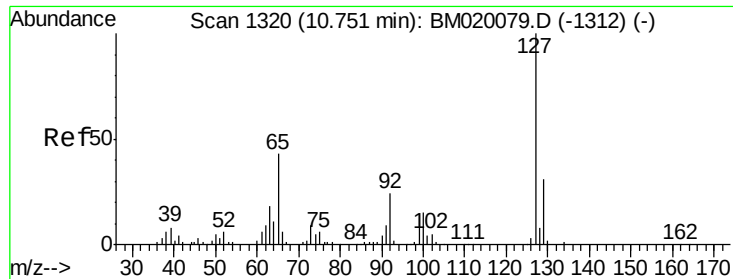
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#32  
Benzoic acid  
Concen: 25.250 ng  
RT: 9.85 min Scan# 1166  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 138.0 | 122.5 | 162.5 |
| 77      | 124.4 | 123.3 | 163.3 |





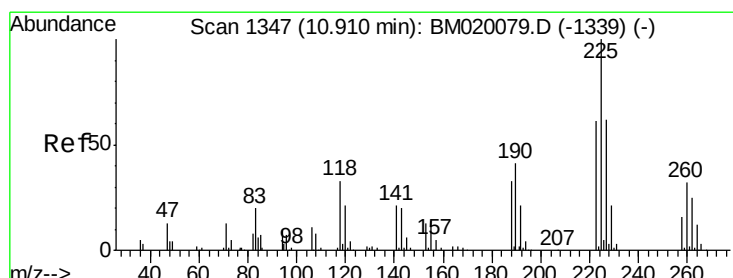
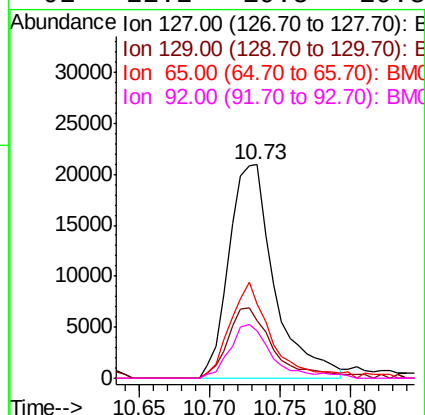
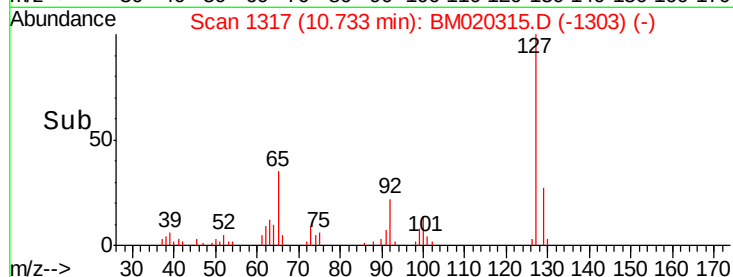
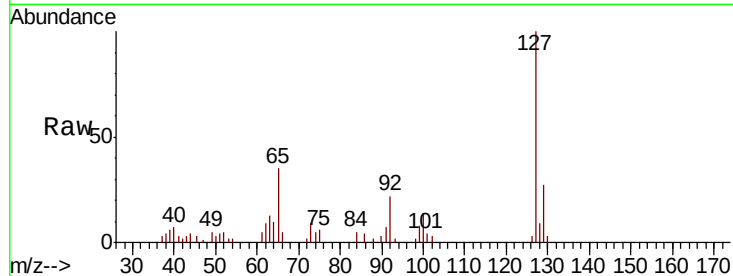
#33  
4-Chloroaniline  
Concen: 10.799 ng  
RT: 10.73 min Scan# 1317  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 47203 |       |       |
| 129     | 26.9 | 24.7  | 37.1  |       |       |
| 65      | 35.0 | 34.6  | 52.0  |       |       |
| 92      | 22.2 | 19.5  | 29.3  |       |       |

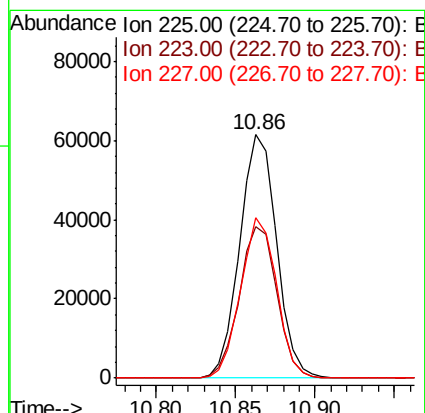
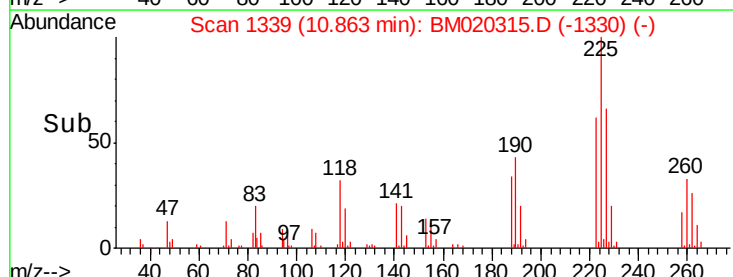
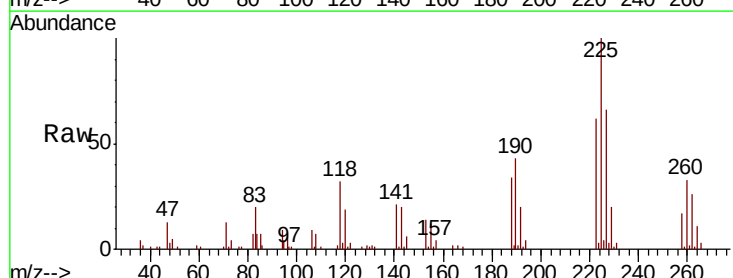
Manual Integrations  
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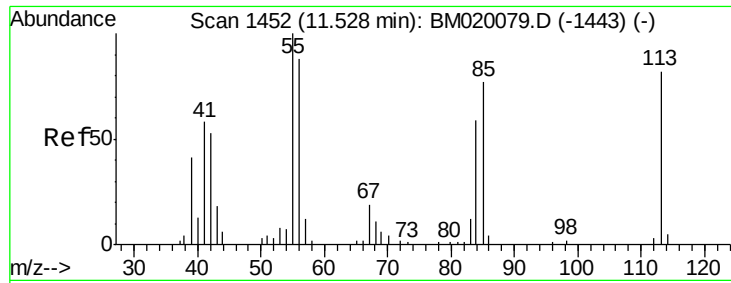
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#34  
Hexachlorobutadiene  
Concen: 33.554 ng  
RT: 10.86 min Scan# 1339  
Delta R.T. -0.05 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 99490 |       |       |
| 223     | 62.4 | 48.9  | 73.3  |       |       |
| 227     | 66.1 | 49.6  | 74.4  |       |       |





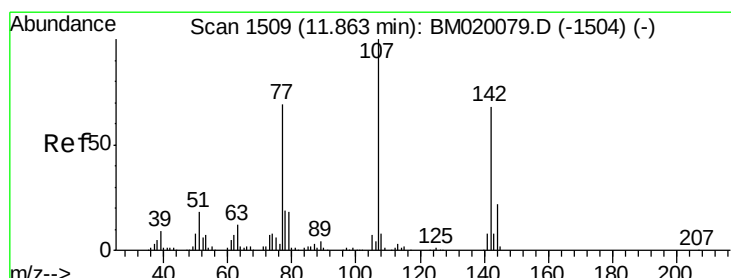
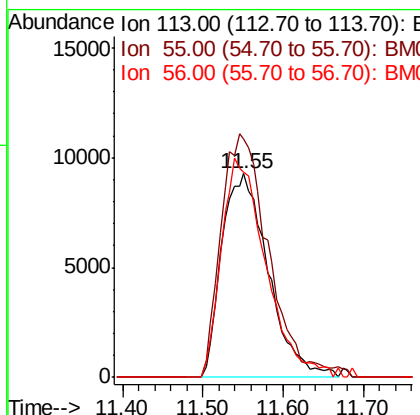
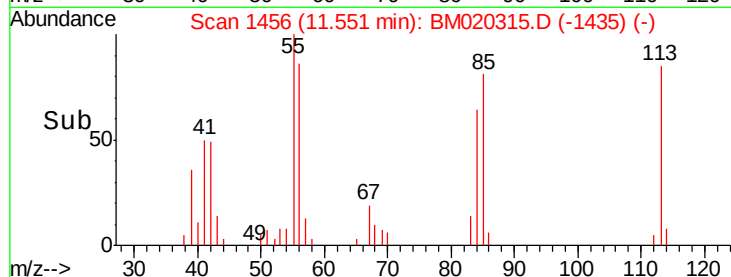
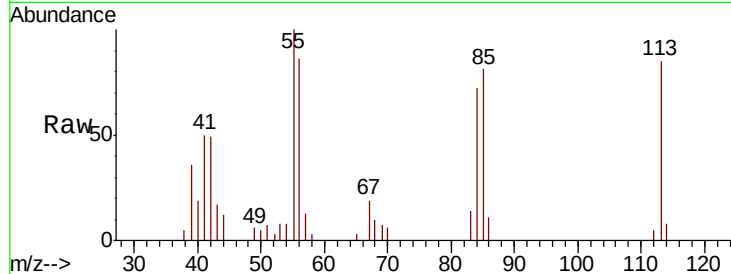
#35  
Caprolactam  
Concen: 36.460 ng/ml  
RT: 11.55 min Scan# 1456  
Delta R.T. 0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 117.3 | 102.5 | 142.5 |
| 56      | 100.9 | 87.7  | 127.7 |

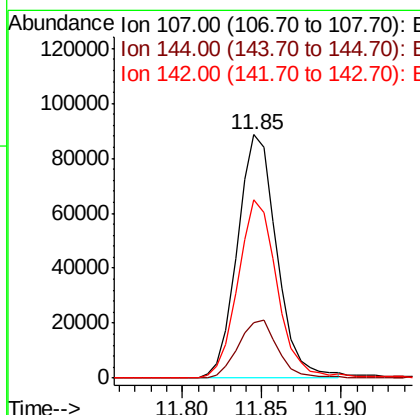
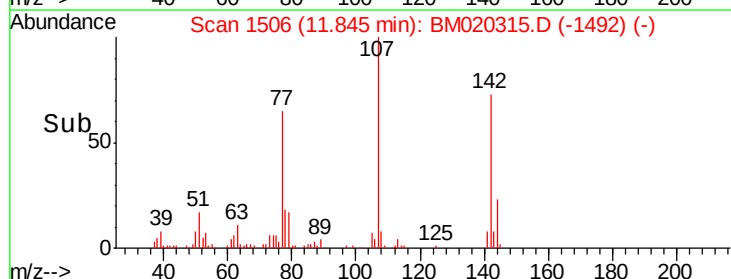
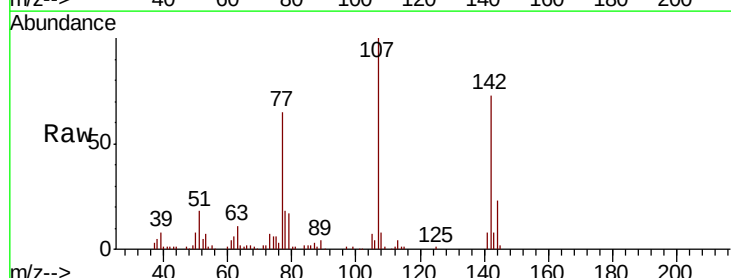
Manual Integrations  
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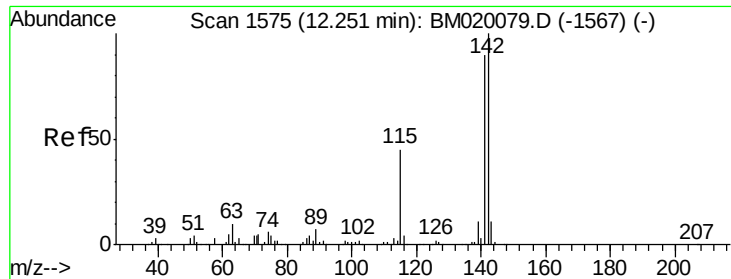
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 38.126 ng/ml  
RT: 11.85 min Scan# 1506  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.0  | 17.6  | 26.4  |
| 142     | 73.2  | 54.6  | 82.0  |





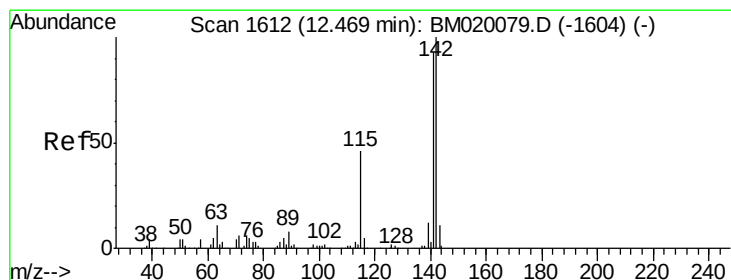
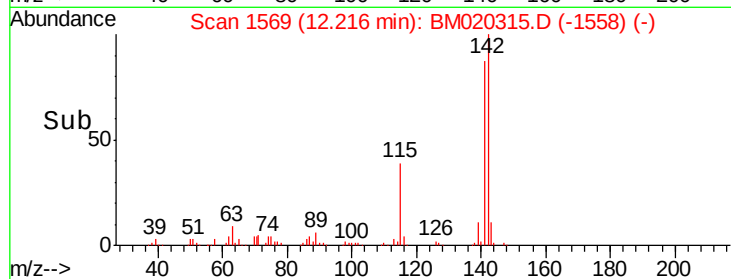
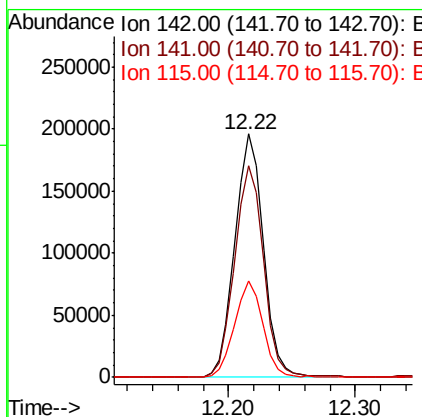
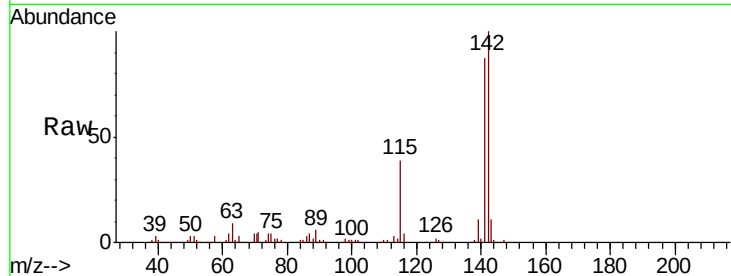
#37  
2-Methylnaphthalene  
Concen: 39.642 ng  
RT: 12.22 min Scan# 1569  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.9  | 71.6  | 107.4 |
| 115     | 39.4  | 35.8  | 53.6  |

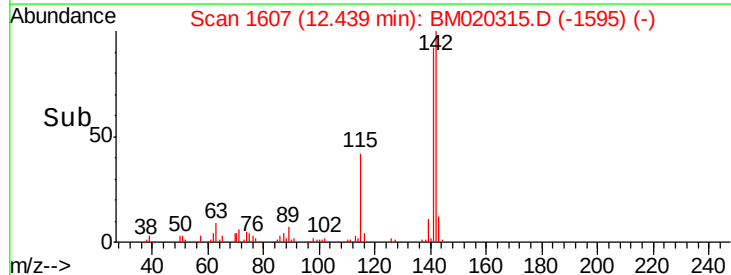
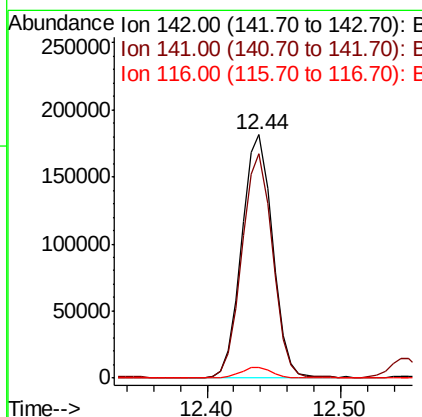
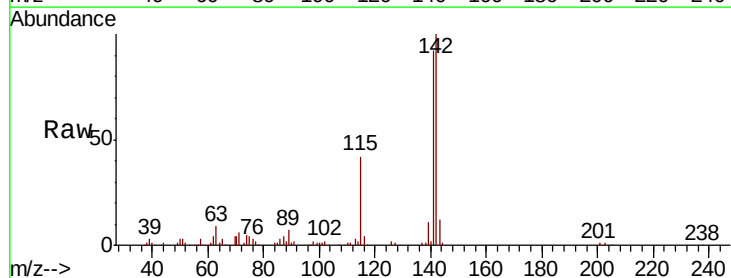
Manual Integrations  
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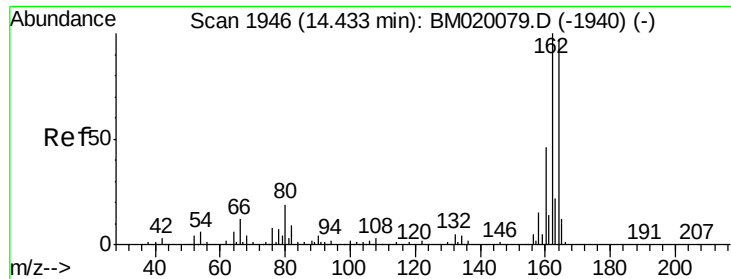
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 38.374 ng  
RT: 12.44 min Scan# 1607  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 74.8  | 112.2 |
| 116     | 4.4   | 3.9   | 5.9   |





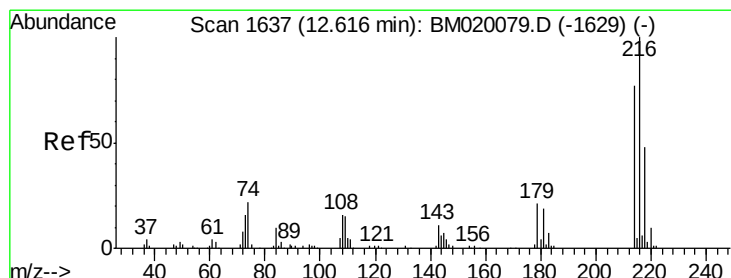
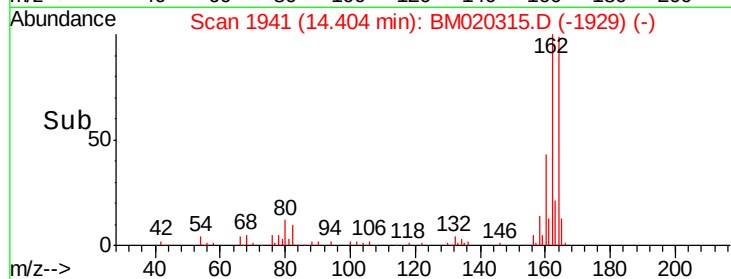
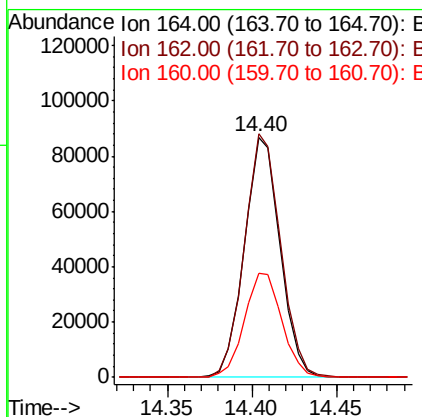
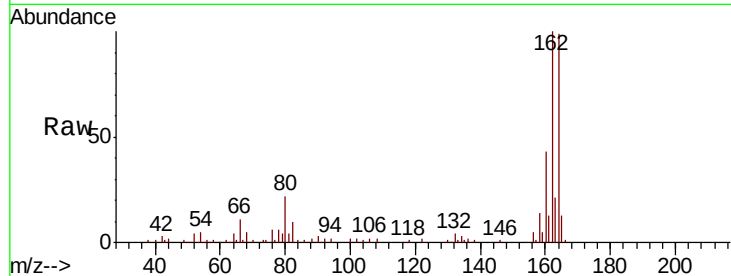
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.40 min Scan# 1941  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 127943 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.3 | 82.2  | 123.2  |
| 160       | 43.3  | 37.6  | 56.4   |

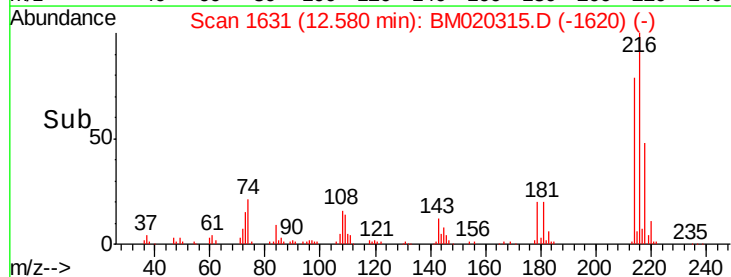
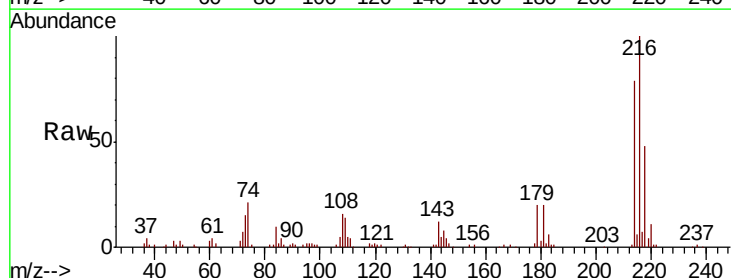
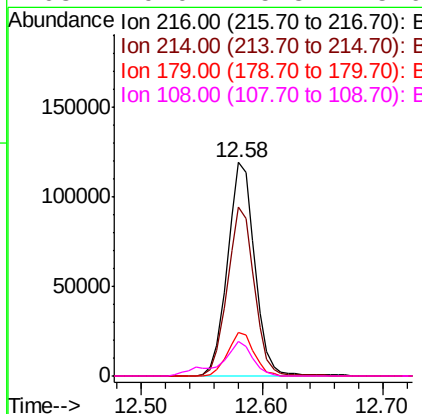
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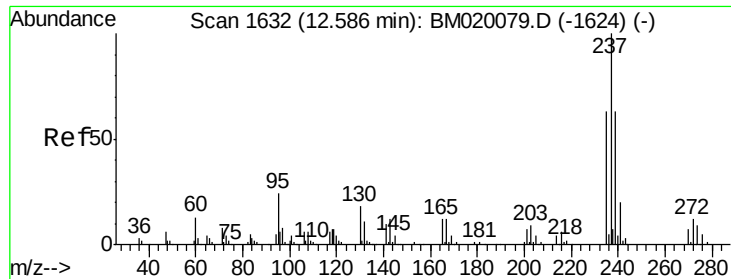


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.276 ng  
 RT: 12.58 min Scan# 1631  
 Delta R.T. -0.04 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 186591 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.1  | 62.6  | 94.0   |
| 179       | 19.7  | 17.1  | 25.7   |
| 108       | 19.0  | 15.8  | 23.6   |







#41

Hexachlorocyclopentadiene

Concen: 71.817 ng

RT: 12.55 min Scan# 1626

Delta R.T. -0.04 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

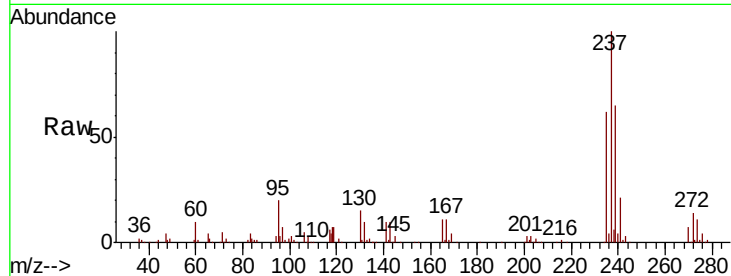
ClientSampleId :

P021-SS008-0206-01MS

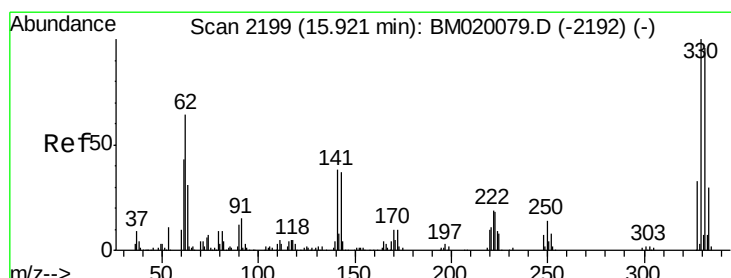
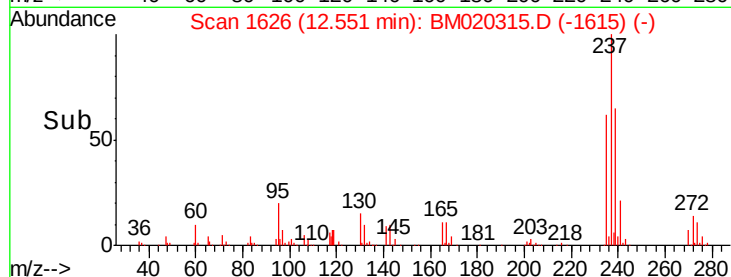
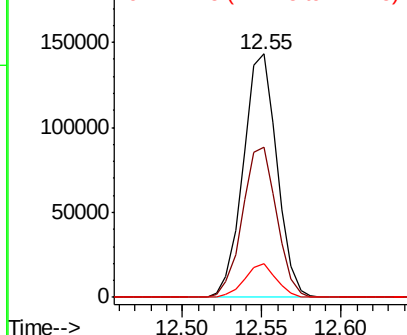
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 211669 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.8  | 43.4  | 83.4   |
| 272       | 13.7  | 0.0   | 31.7   |

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



#42

2,4,6-Tribromophenol

Concen: 120.323 ng

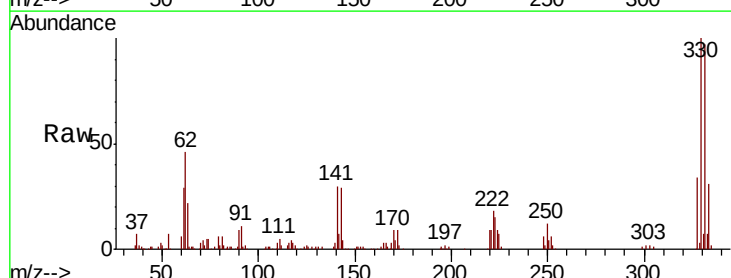
RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

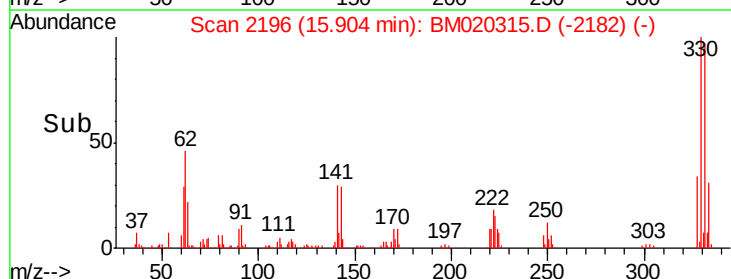
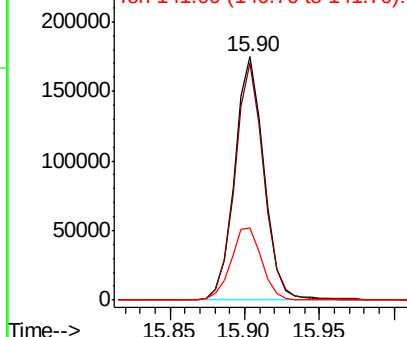
Lab File: BM020315.D

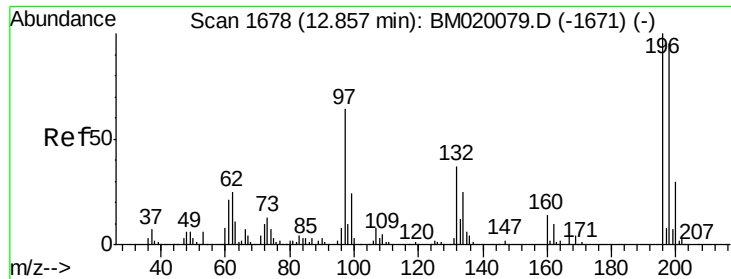
Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 238952 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.6  | 76.8  | 115.2  |
| 141       | 31.6  | 29.2  | 43.8   |



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





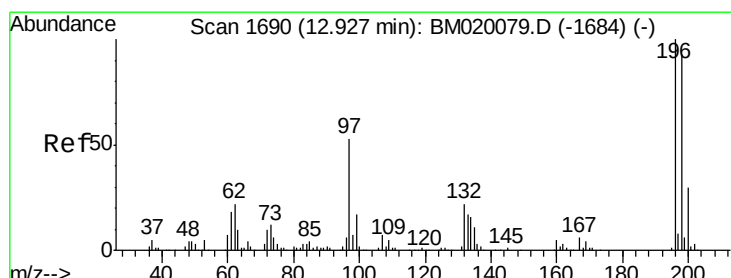
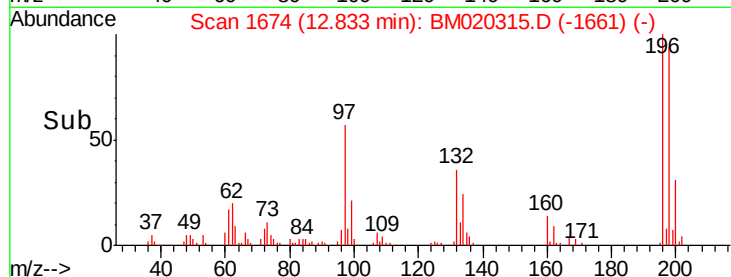
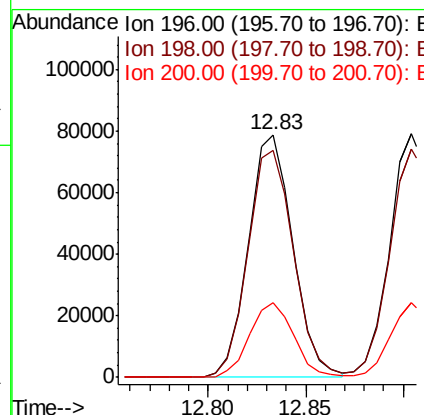
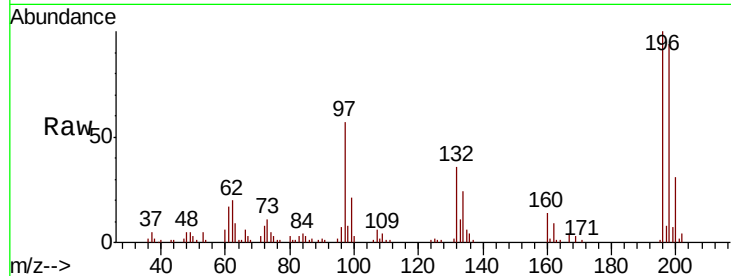
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.675 ng  
 RT: 12.83 min Scan# 1674  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 124248 |       |       |
| 198     | 93.8  | 76.2   | 114.2 |       |
| 200     | 31.0  | 24.3   | 36.5  |       |

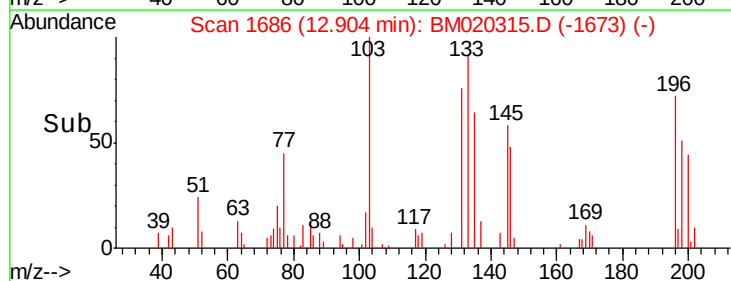
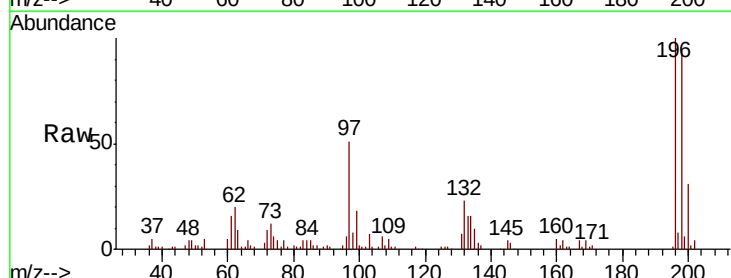
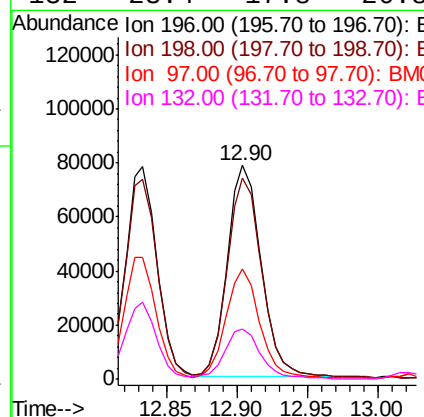
Manual Integrations  
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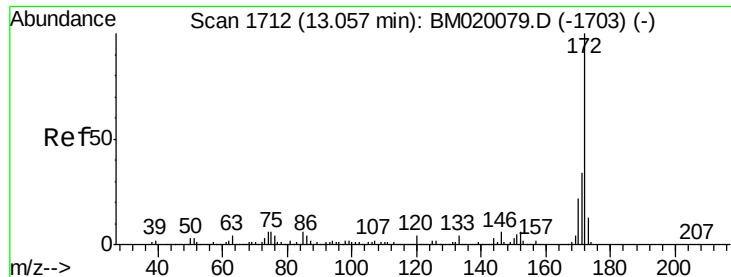
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.371 ng  
 RT: 12.90 min Scan# 1686  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 131480 |       |       |
| 198     | 93.9  | 74.7   | 112.1 |       |
| 97      | 51.4  | 42.2   | 63.4  |       |
| 132     | 23.4  | 17.8   | 26.8  |       |





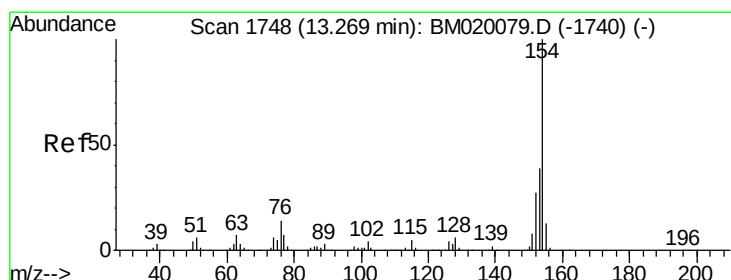
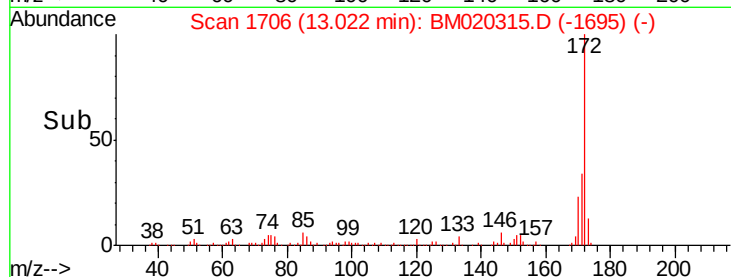
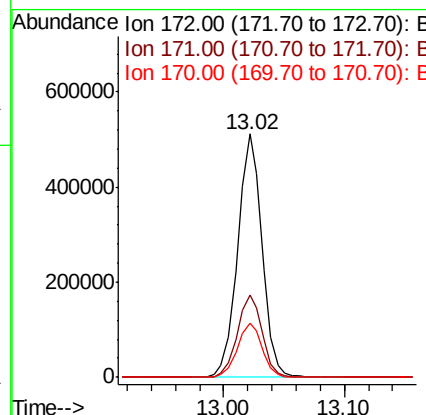
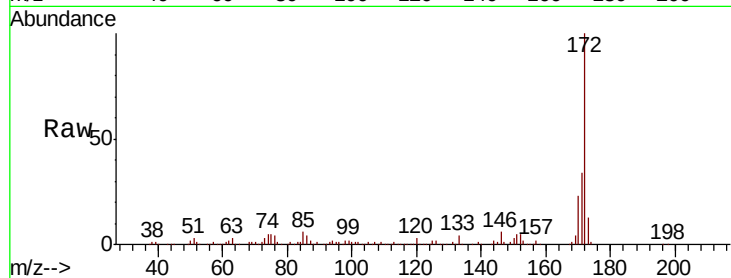
#45  
2-Fluorobiphenyl  
Concen: 69.063 ng  
RT: 13.02 min Scan# 1706  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.8  | 27.3  | 40.9  |
| 170     | 22.5  | 17.9  | 26.9  |

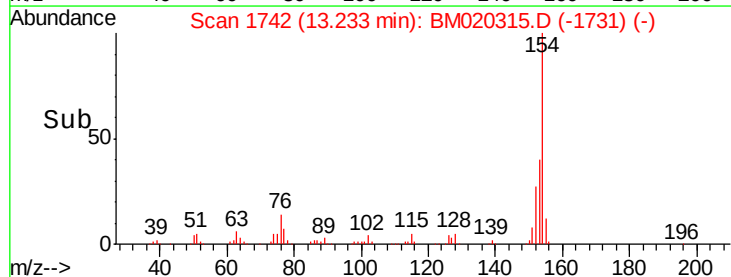
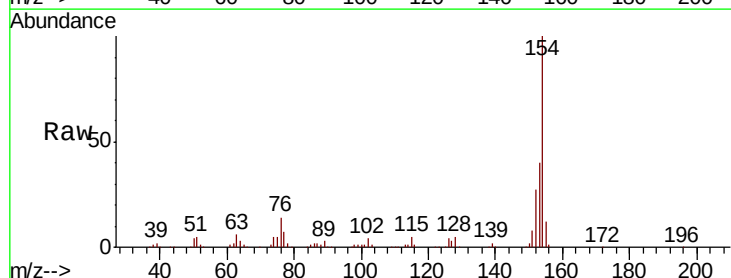
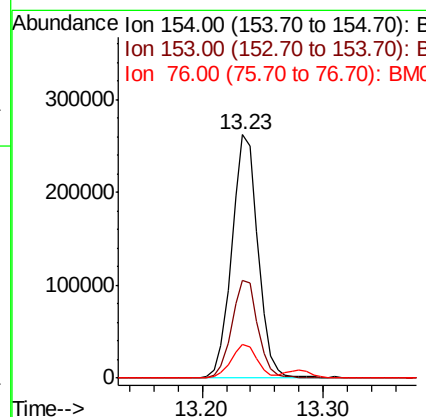
Manual Integrations  
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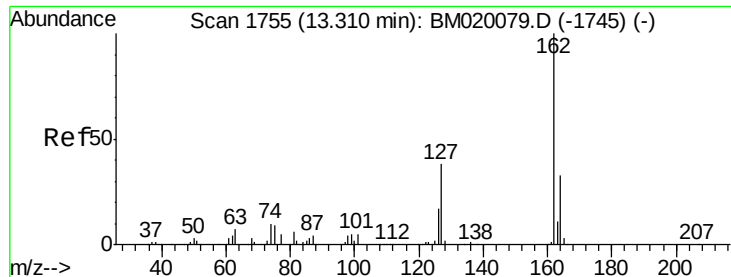
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#46  
1,1'-Biphenyl  
Concen: 37.592 ng  
RT: 13.23 min Scan# 1742  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.2  | 19.4  | 59.4  |
| 76      | 13.9  | 0.0   | 34.5  |





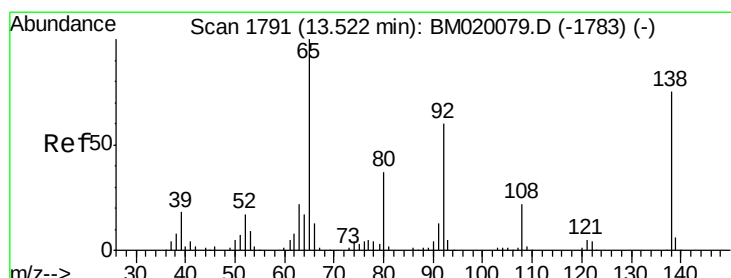
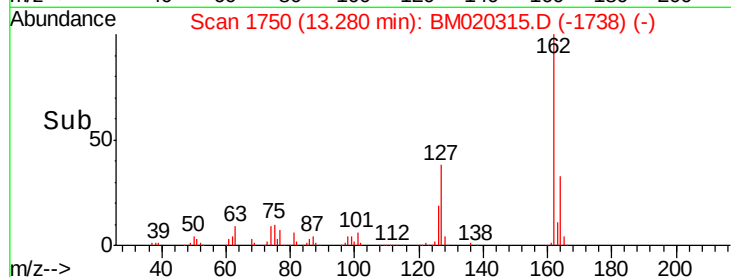
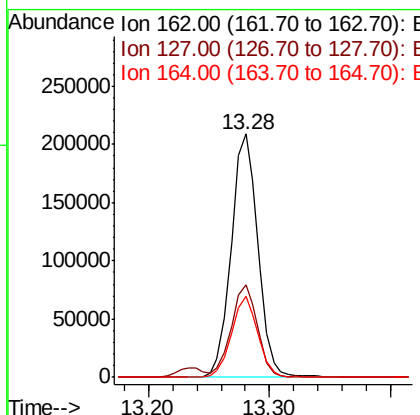
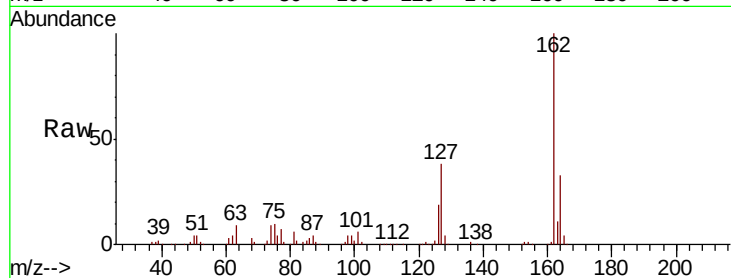
#47  
2-Chloronaphthalene  
Concen: 38.413 ng  
RT: 13.28 min Scan# 1750  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 322981 |       |       |
| 127     | 37.8  |        | 31.0  | 46.4  |
| 164     | 33.3  |        | 26.2  | 39.2  |

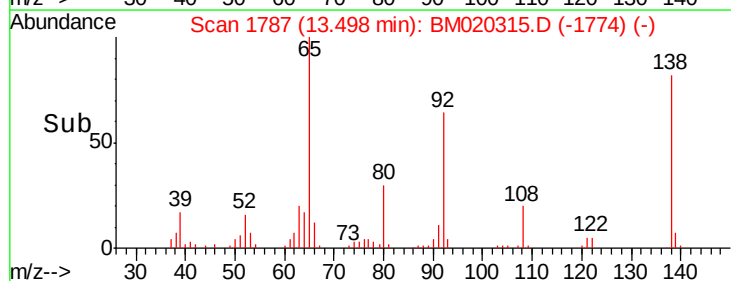
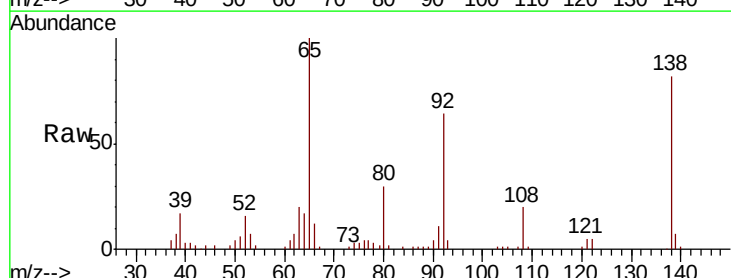
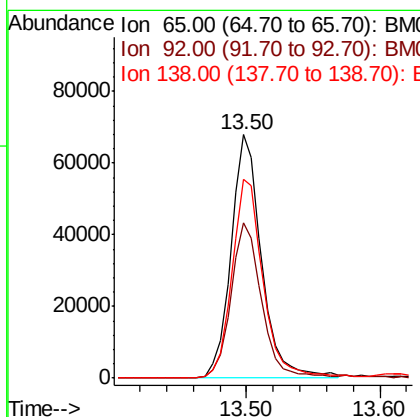
Manual Integrations  
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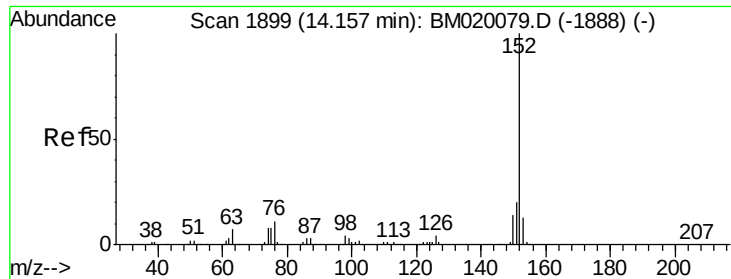
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#48  
2-Nitroaniline  
Concen: 36.202 ng  
RT: 13.50 min Scan# 1787  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 108368 |       |       |
| 92      | 63.8  |        | 48.2  | 72.4  |
| 138     | 81.8  |        | 60.3  | 90.5  |





#49

Acenaphthylene

Concen: 37.231 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

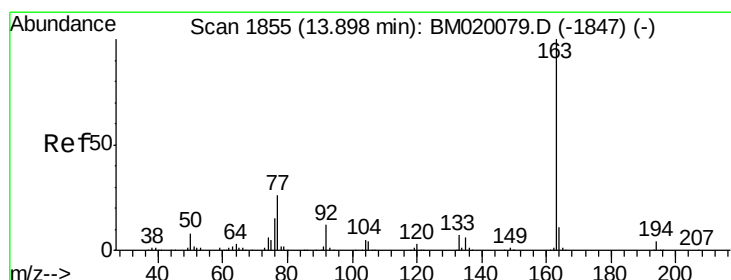
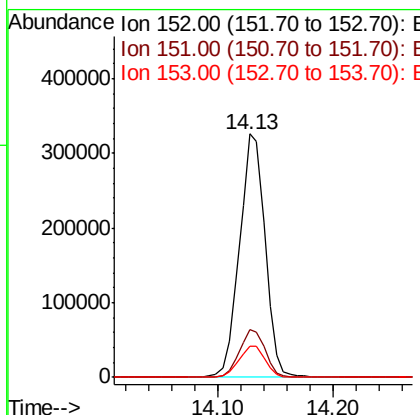
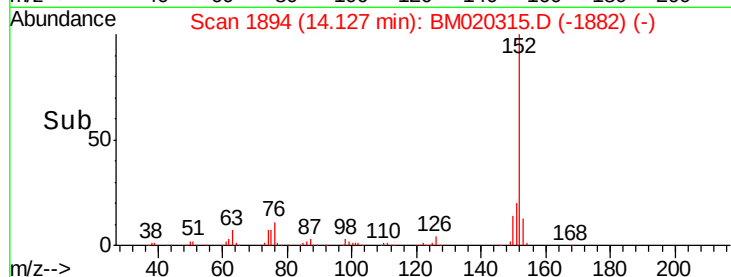
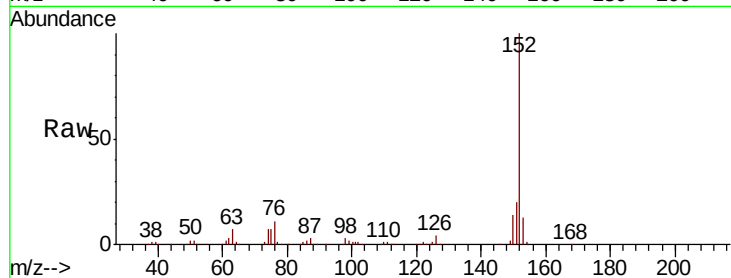
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 500990 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.5  | 16.2  | 24.2   |
| 153       | 12.8  | 10.6  | 16.0   |

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#50

Dimethylphthalate

Concen: 53.011 ng

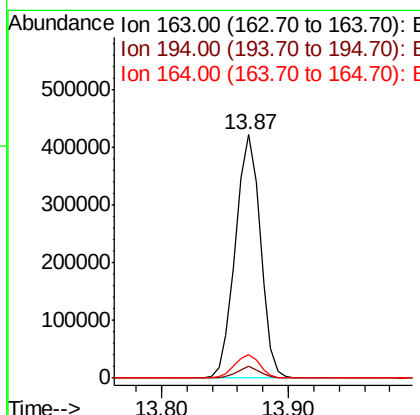
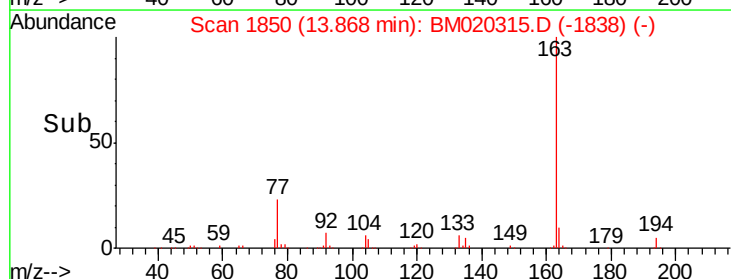
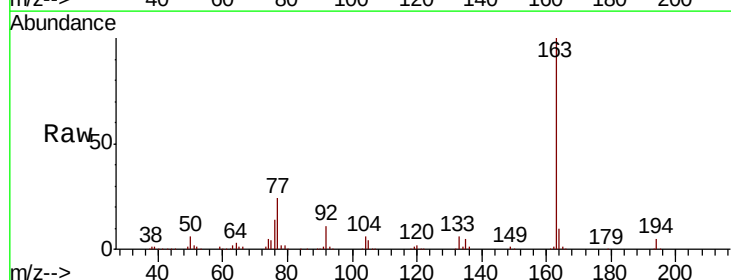
RT: 13.87 min Scan# 1850

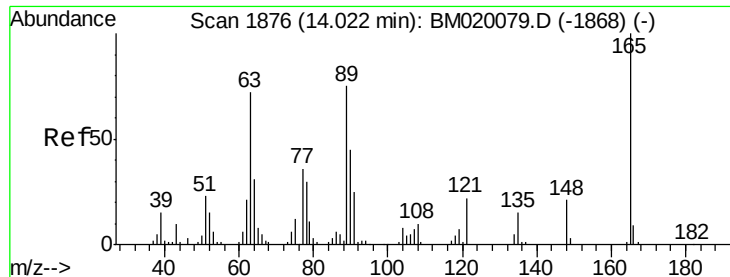
Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 576455 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.7   | 3.6   | 5.4    |
| 164       | 9.8   | 8.4   | 12.6   |





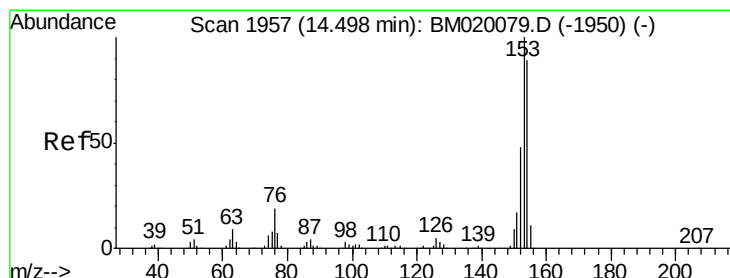
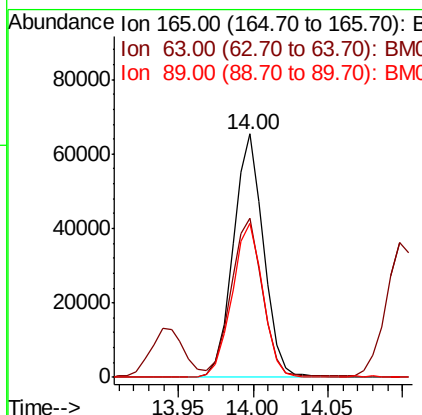
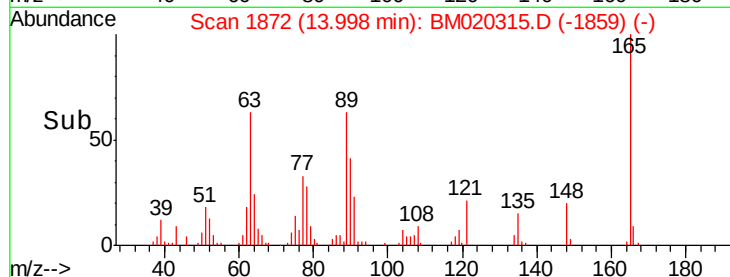
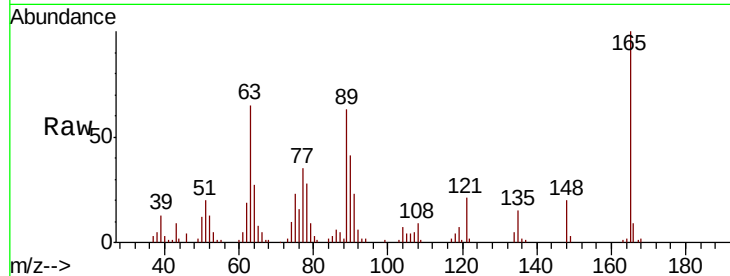
#51  
2,6-Dinitrotoluene  
Concen: 40.286 ng  
RT: 14.00 min Scan# 1872  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 92269 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 65.4  | 60.3  | 90.5  |
| 89        | 63.5  | 59.8  | 89.6  |

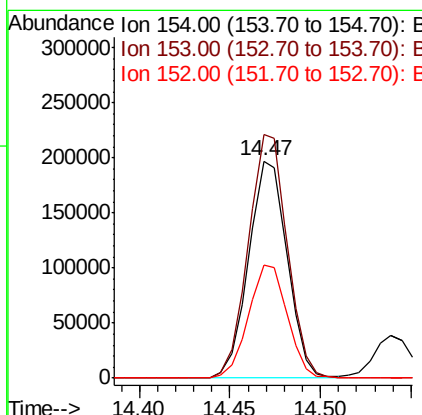
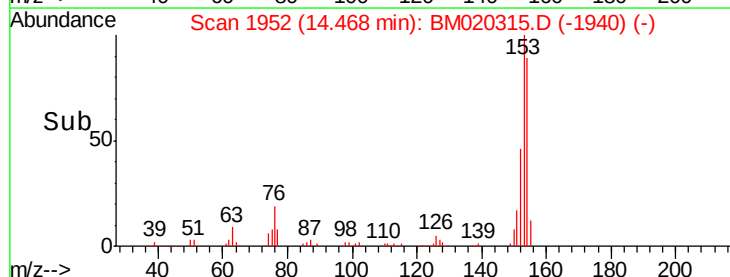
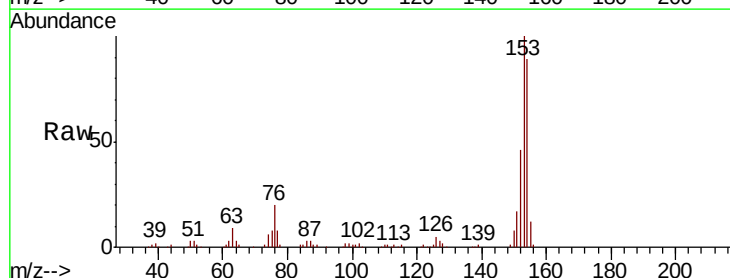
Manual Integrations  
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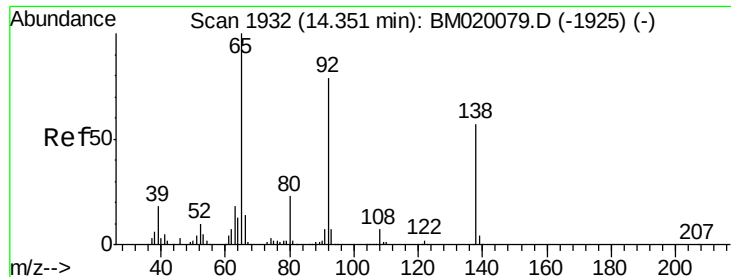
mohammad  
5/14/2019 11:11:43 PM



#52  
Acenaphthene  
Concen: 37.859 ng  
RT: 14.47 min Scan# 1952  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 292142 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.2 | 90.2  | 135.2  |
| 152       | 52.1  | 43.0  | 64.4   |





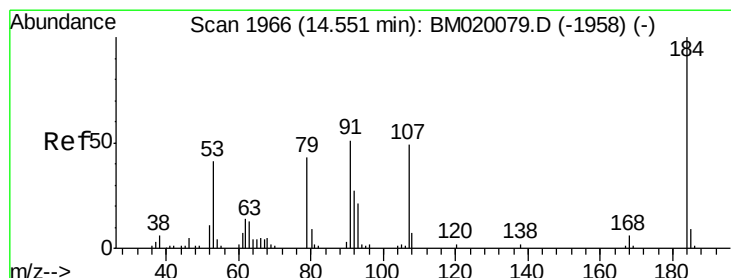
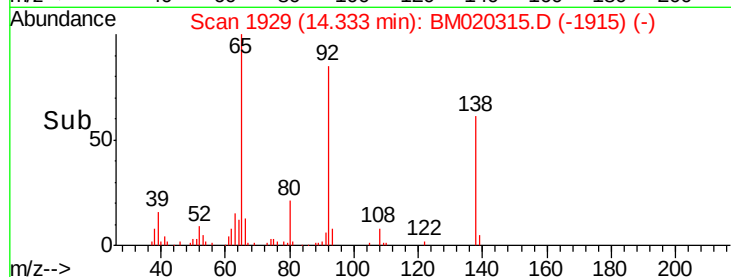
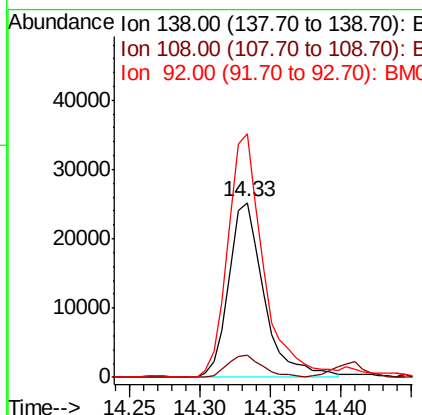
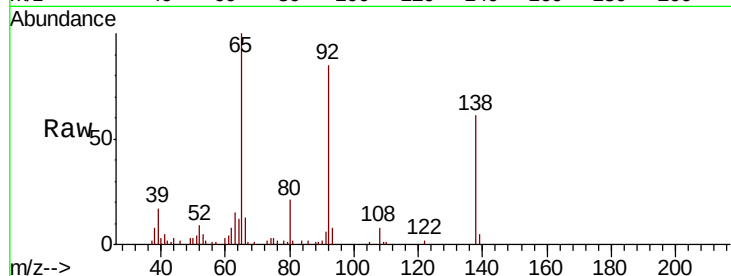
#53  
3-Nitroaniline  
Concen: 20.713 ng  
RT: 14.33 min Scan# 1929  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.5  | 10.4  | 15.6  |
| 92      | 139.1 | 111.3 | 166.9 |

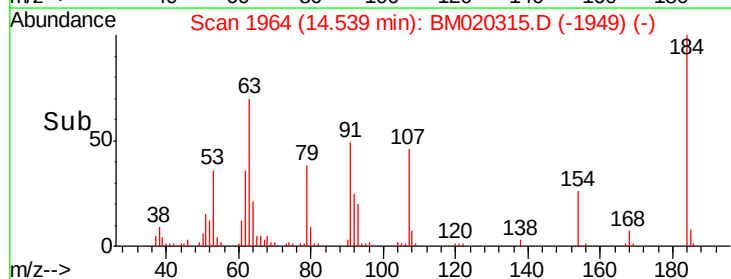
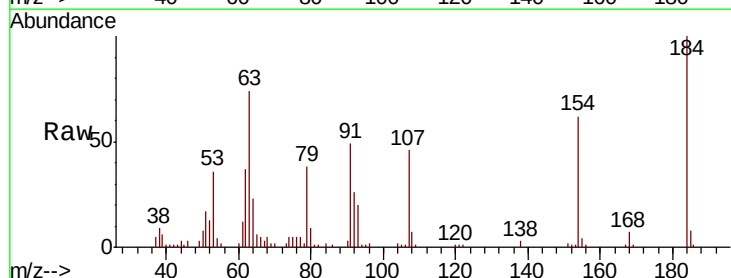
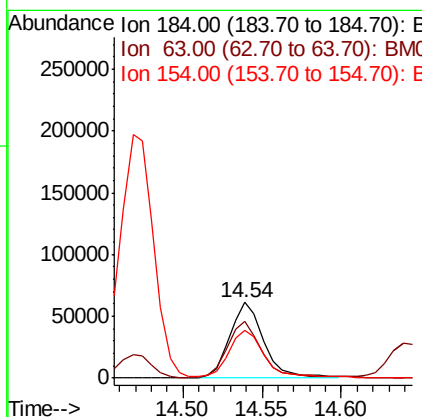
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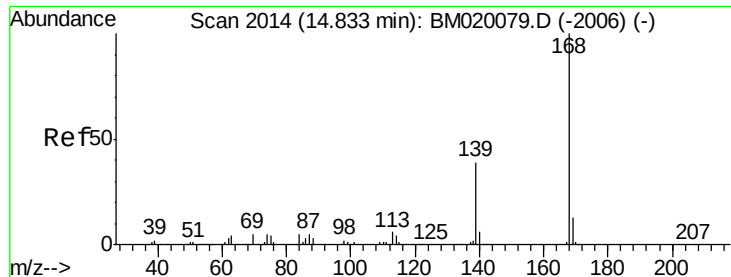
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 79.357 ng  
RT: 14.54 min Scan# 1964  
Delta R.T. -0.01 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 74.5  | 68.9  | 103.3 |
| 154     | 62.5  | 54.4  | 81.6  |





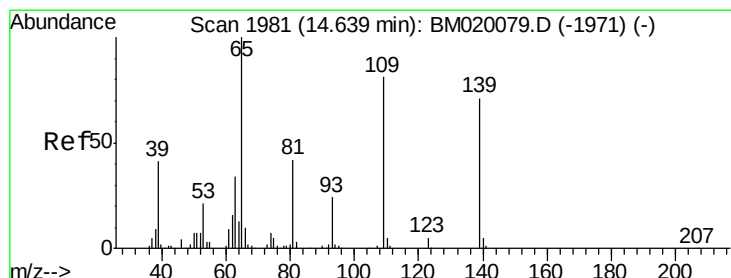
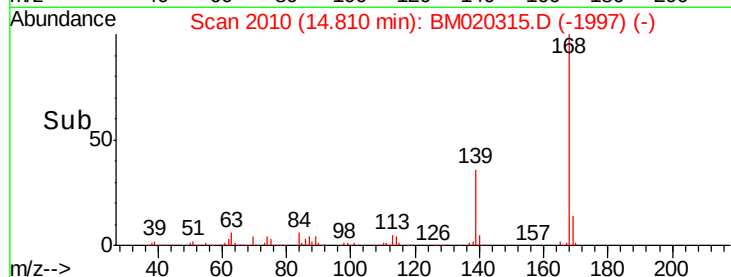
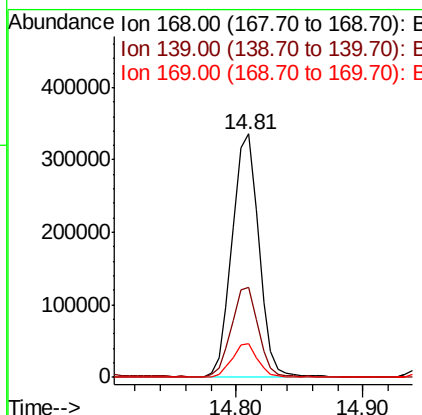
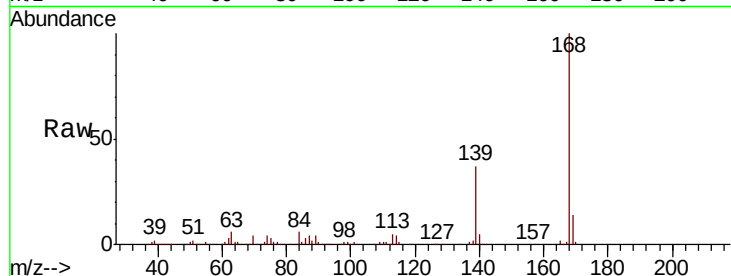
#55  
Dibenzofuran  
Concen: 37.813 ng  
RT: 14.81 min Scan# 2010  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.7  | 31.1  | 46.7  |
| 169     | 13.6  | 10.6  | 16.0  |

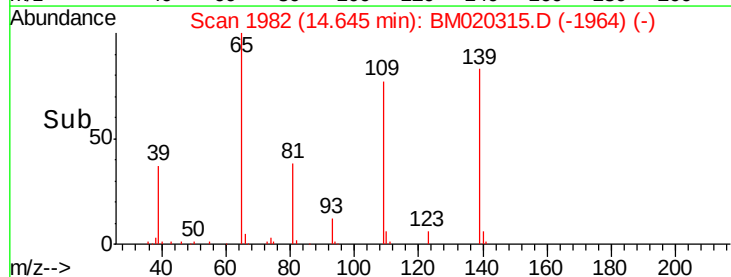
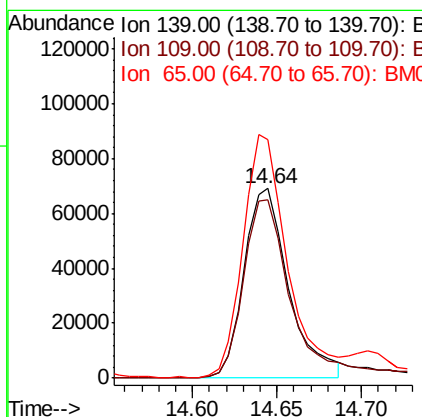
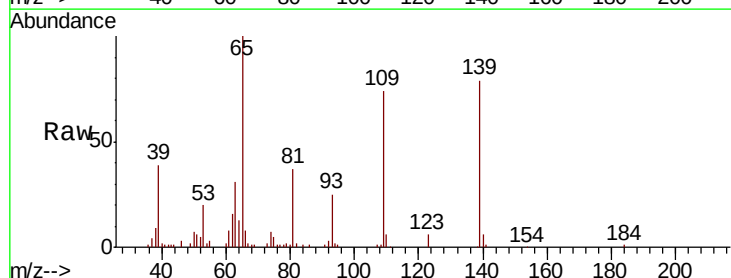
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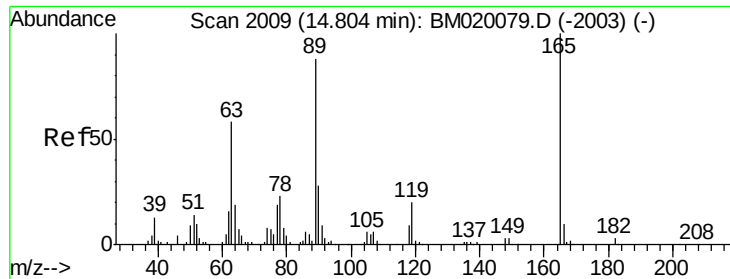


#56  
4-Nitrophenol  
Concen: 70.432 ng  
RT: 14.64 min Scan# 1982  
Delta R.T. 0.01 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 93.9  | 94.1  | 134.1# |
| 65      | 126.2 | 120.9 | 160.9  |







#57

2,4-Dinitrotoluene

Concen: 40.957 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

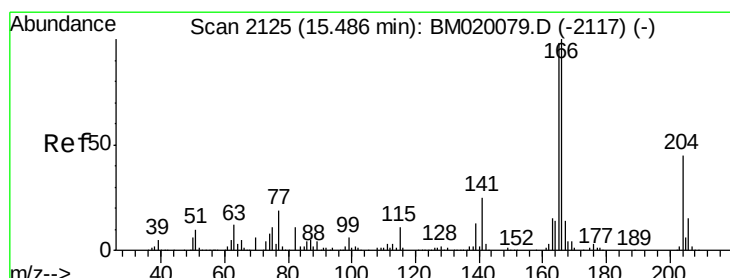
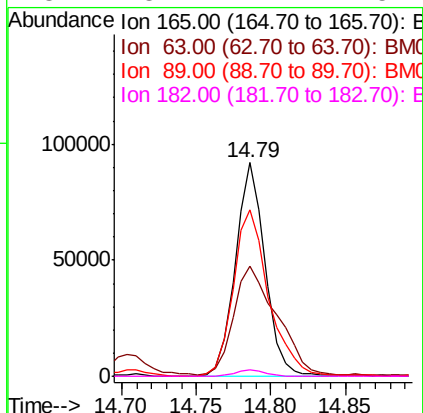
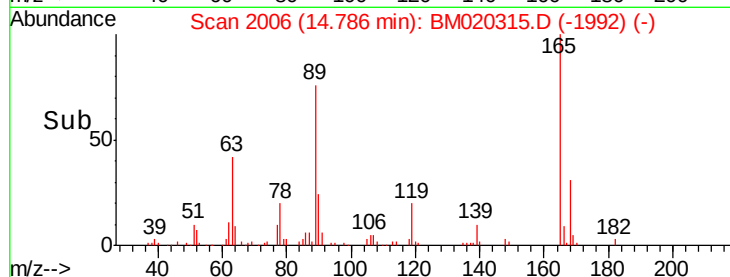
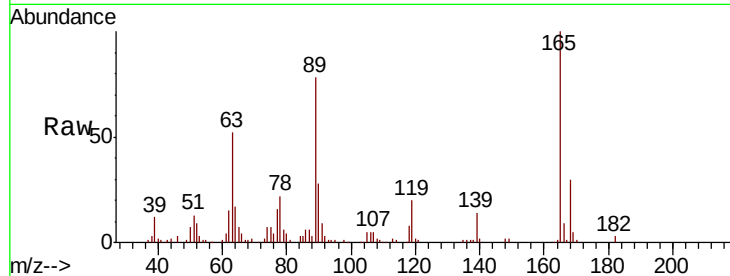
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 127464 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 51.7  | 46.2  | 69.2   |
| 89        | 78.0  | 70.6  | 105.8  |
| 182       | 3.1   | 2.2   | 3.2    |

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#58

Fluorene

Concen: 36.761 ng

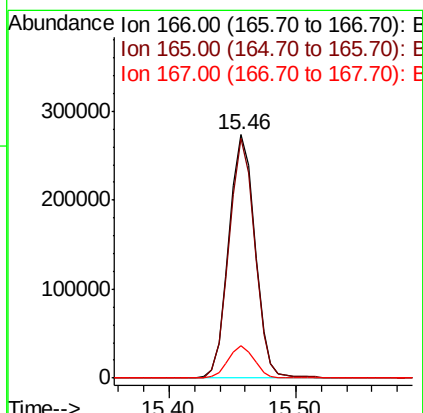
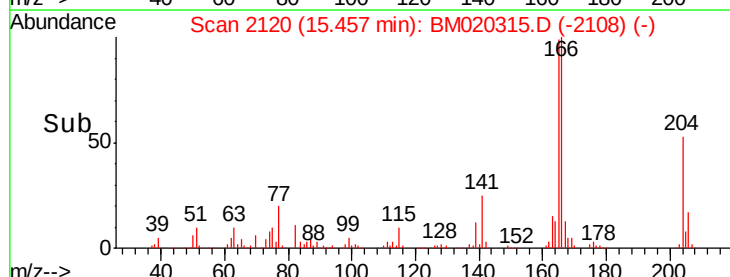
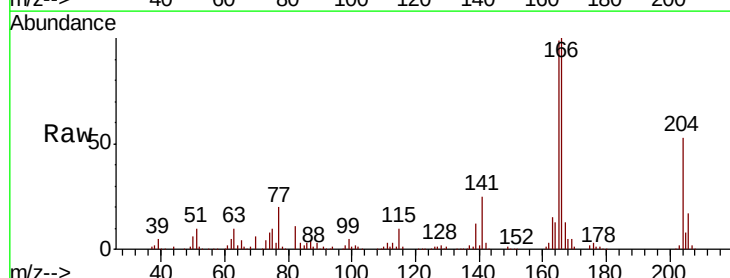
RT: 15.46 min Scan# 2120

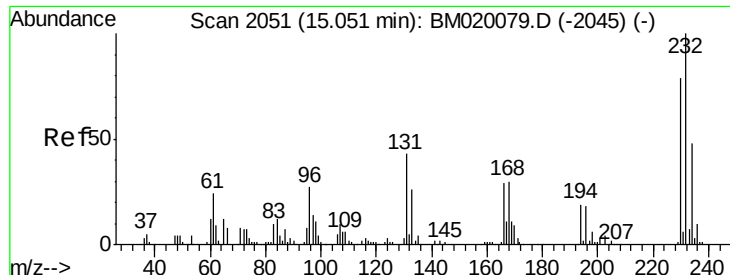
Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 392964 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.7  | 78.2  | 117.2  |
| 167       | 13.4  | 11.0  | 16.4   |





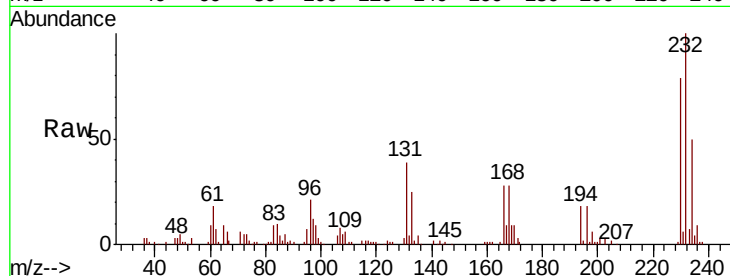
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.551 ng  
RT: 15.03 min Scan# 2048  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 125489 |       |       |
| 131     | 41.0  |        | 34.2  | 51.4  |
| 130     | 2.4   |        | 2.0   | 3.0   |
| 166     | 30.1  |        | 23.8  | 35.8  |

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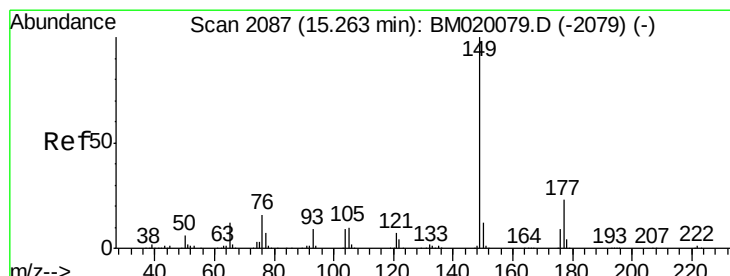
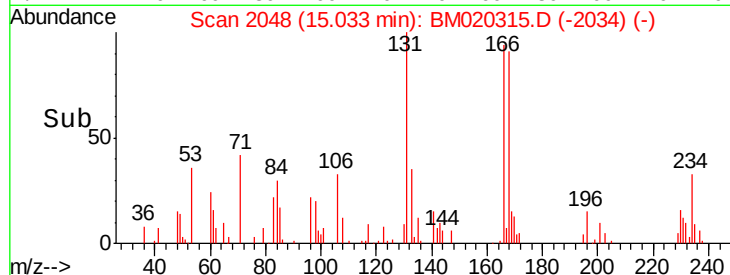
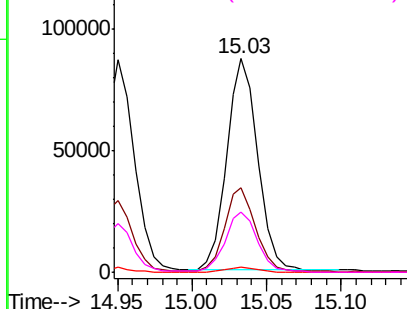
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

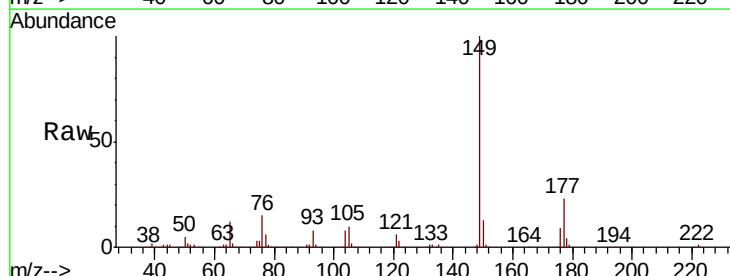
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 38.020 ng  
RT: 15.23 min Scan# 2081  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 416536 |       |       |
| 177     | 23.0  |        | 18.2  | 27.4  |
| 150     | 12.6  |        | 9.9   | 14.9  |

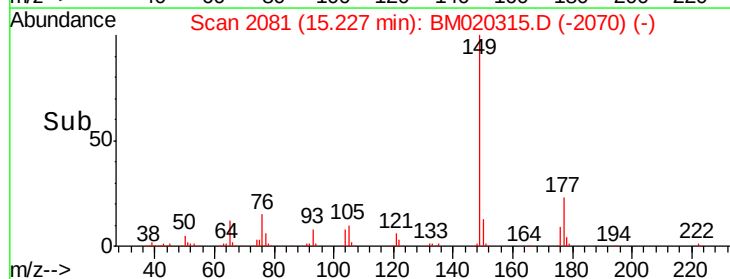
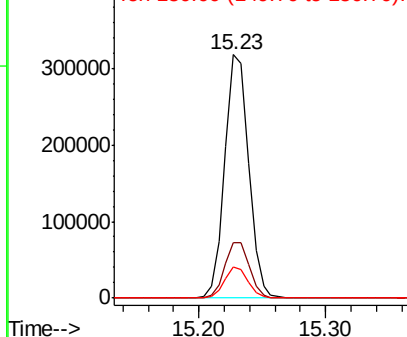


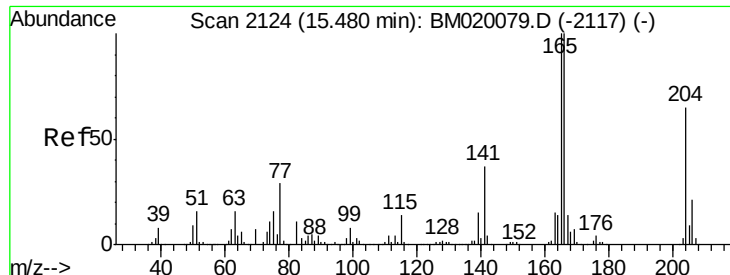
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





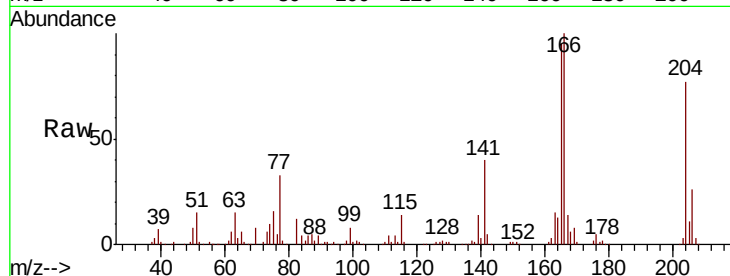
#61  
4-Chlorophenyl-phenylether  
Concen: 37.232 ng  
RT: 15.45 min Scan# 2119  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 225511 |       |       |
| 206     | 33.1  | 25.6   | 38.4  |       |
| 141     | 52.1  | 46.1   | 69.1  |       |

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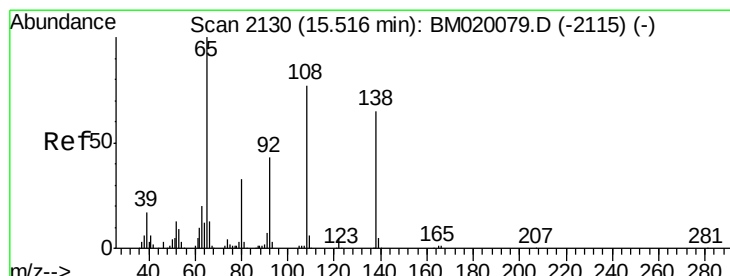
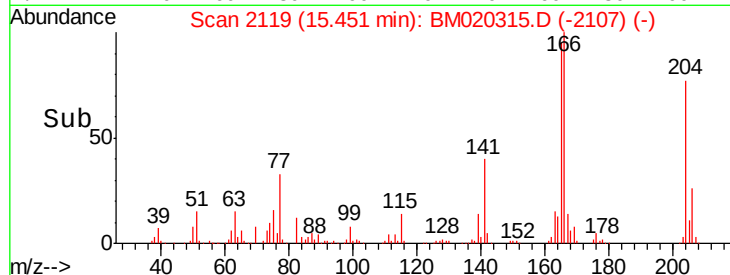
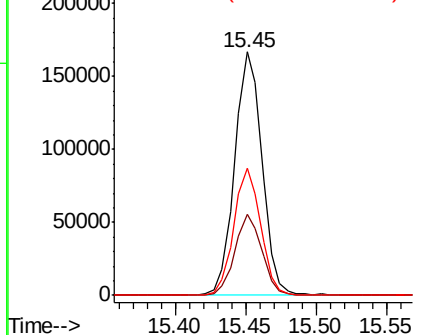


Abundance

Ion 204.00 (203.70 to 204.70): E

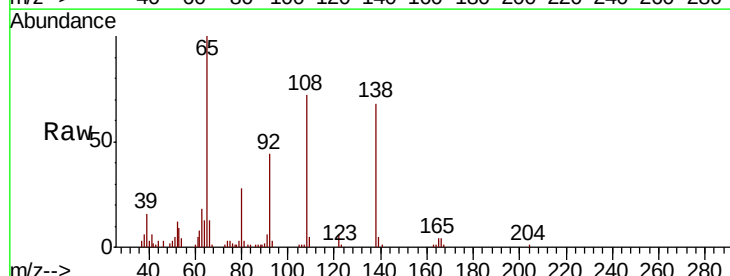
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 27.996 ng  
RT: 15.50 min Scan# 2127  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 65675 |       |       |
| 92      | 65.2  | 45.9  | 85.9  |       |
| 108     | 106.0 | 97.7  | 137.7 |       |

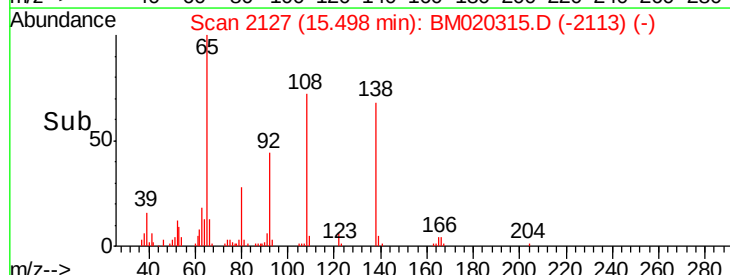
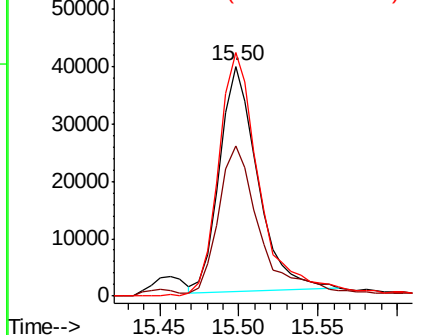


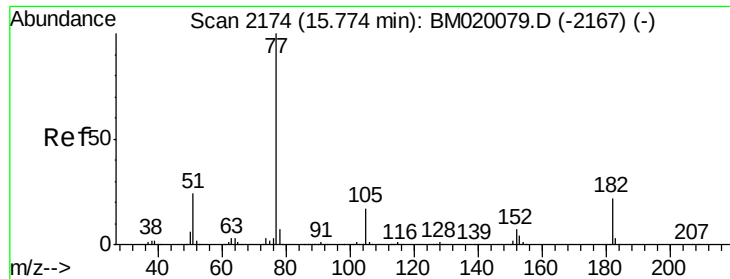
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





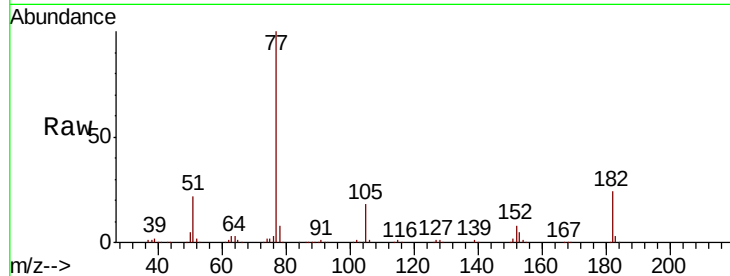
#63  
Azobenzene  
Concen: 33.839 ng  
RT: 15.74 min Scan# 2169  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

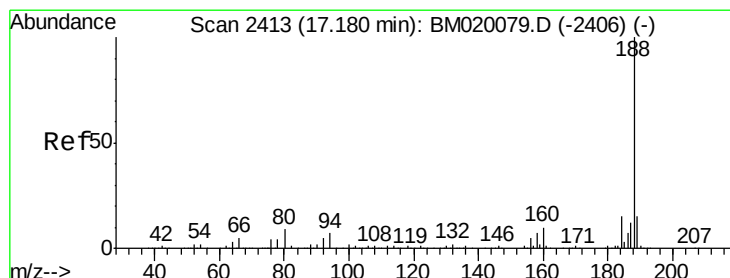
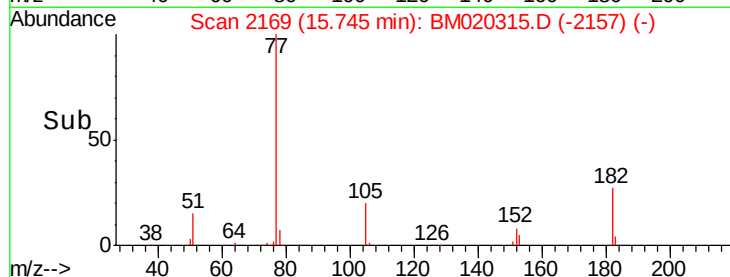
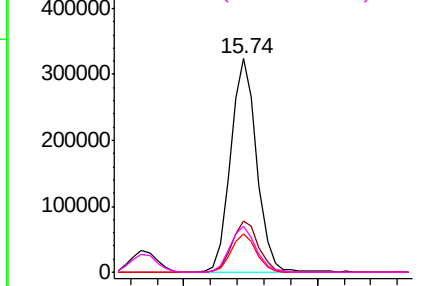
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 24.1 | 2.1   | 42.1  |       |
| 105     | 18.1 | 0.0   | 36.8  |       |
| 51      | 21.6 | 3.8   | 43.8  |       |

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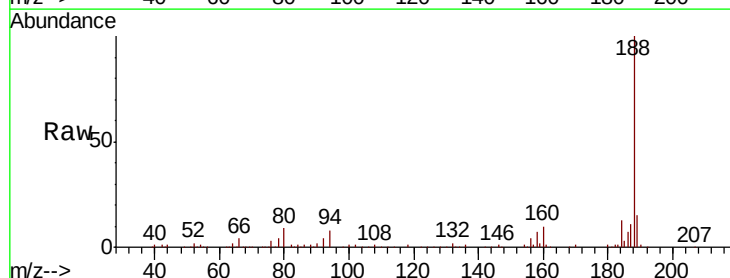


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

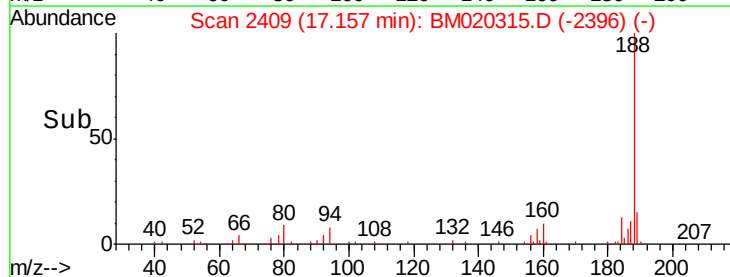
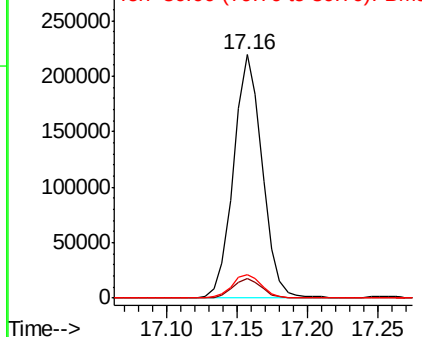


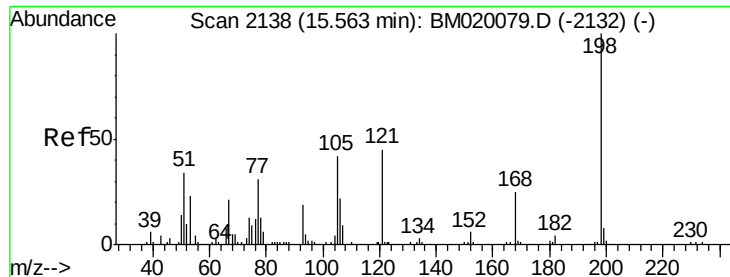
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.16 min Scan# 2409  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.9 | 5.8   | 8.6   |       |
| 80      | 9.5 | 7.4   | 11.2  |       |



Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 42.628 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

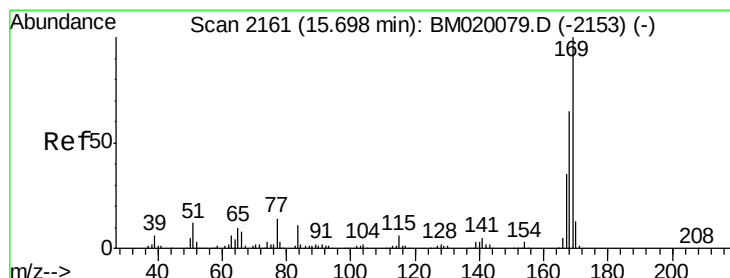
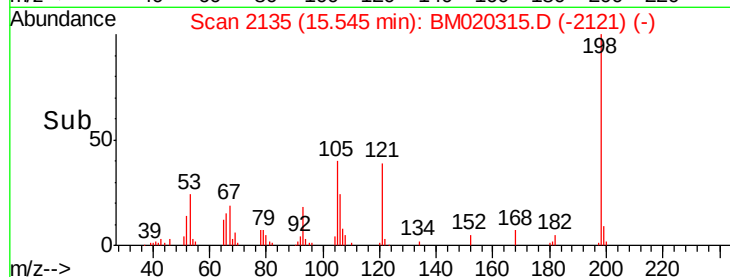
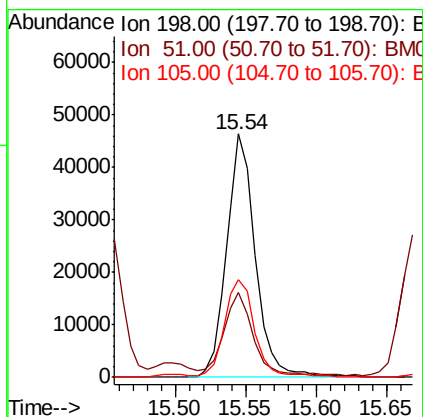
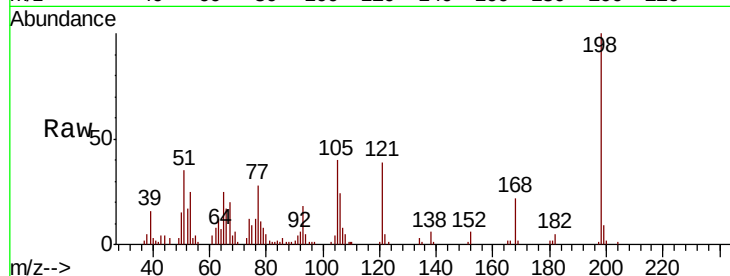
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 65457 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 35.1  | 16.5  | 56.5  |
| 105       | 40.3  | 22.8  | 62.8  |

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#66

n-Nitrosodiphenylamine

Concen: 37.366 ng

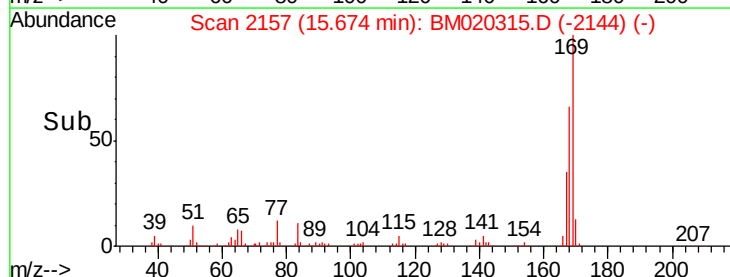
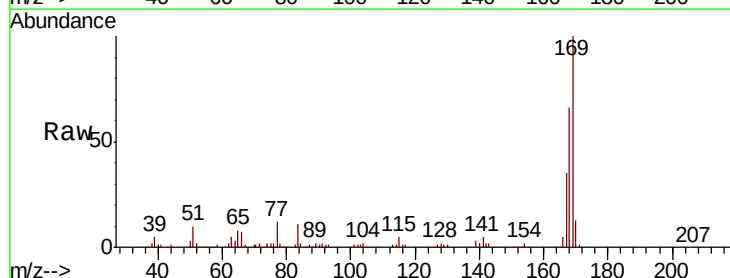
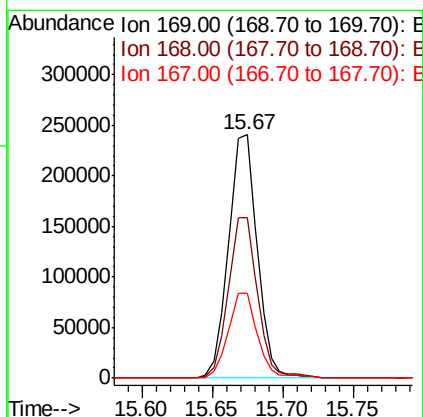
RT: 15.67 min Scan# 2157

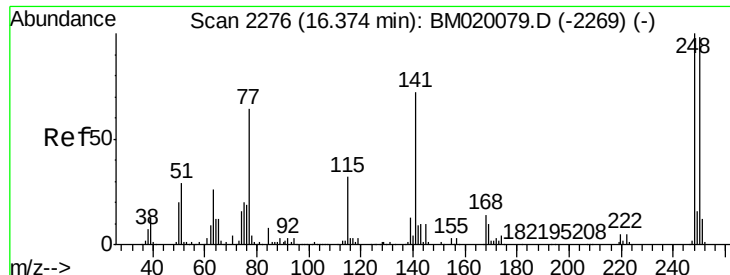
Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 342185 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 65.7  | 51.9  | 77.9   |
| 167       | 34.8  | 27.8  | 41.6   |





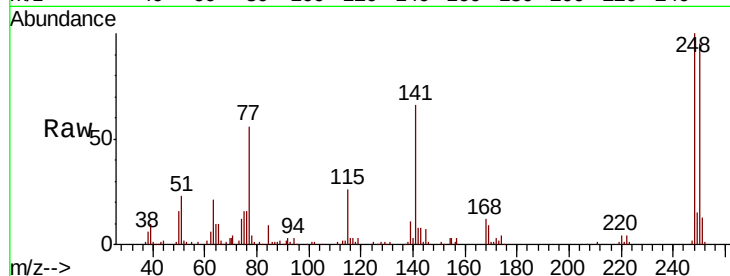
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.831 ng  
 RT: 16.34 min Scan# 2271  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampled :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.7  | 78.4  | 117.6 |
| 141     | 65.6  | 57.4  | 86.2  |

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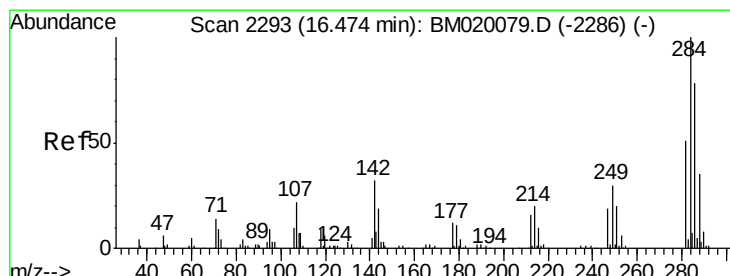
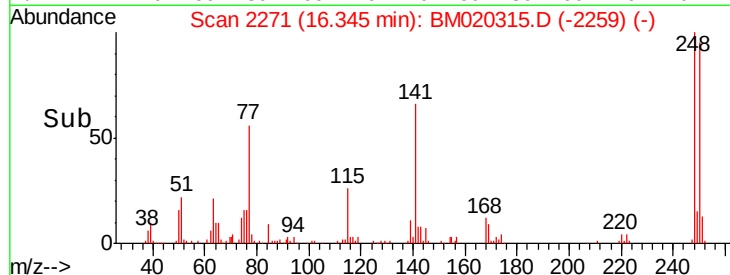
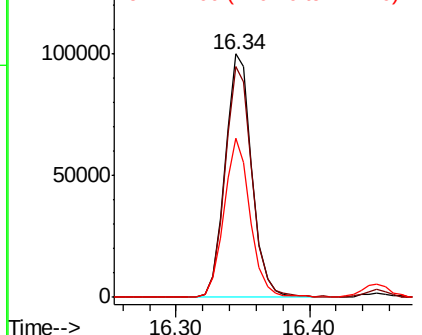


Abundance

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: 36.783 ng  
 RT: 16.45 min Scan# 2289  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

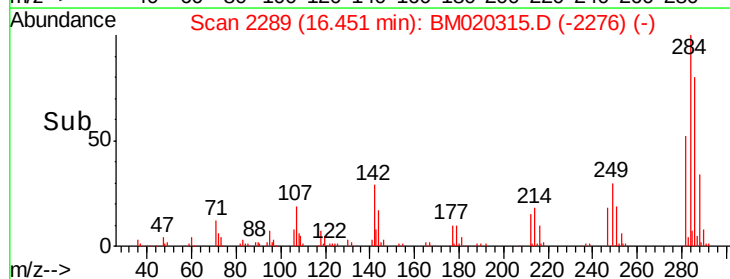
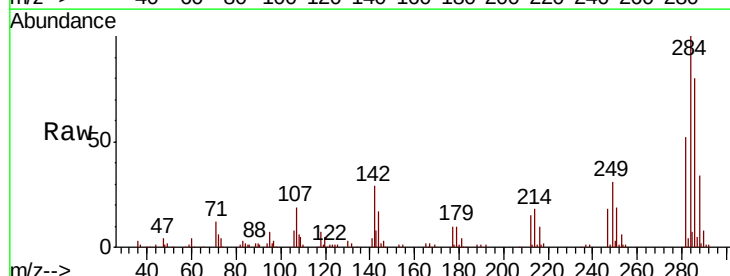
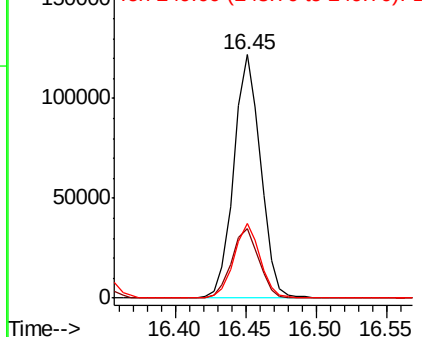
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.6  | 25.2  | 37.8  |
| 249     | 30.7  | 23.6  | 35.4  |

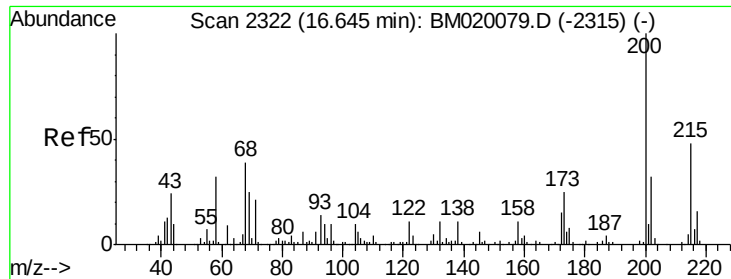
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





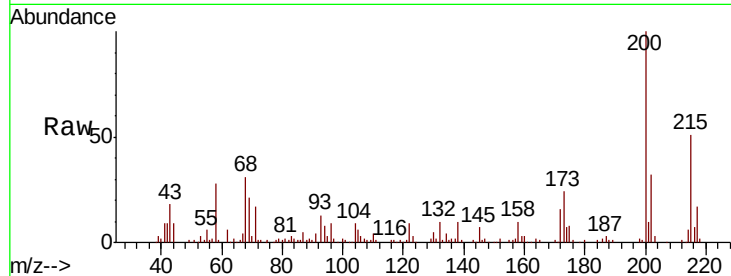
#69  
Atrazine  
Concen: 39.652 ng  
RT: 16.63 min Scan# 2319  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 141904 |       |       |
| 173     | 23.6  | 4.6    | 44.6  |       |
| 215     | 51.3  | 28.0   | 68.0  |       |

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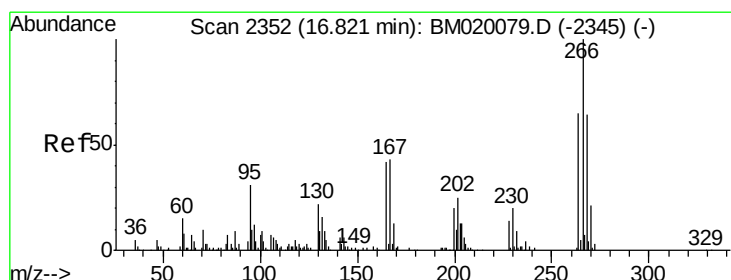
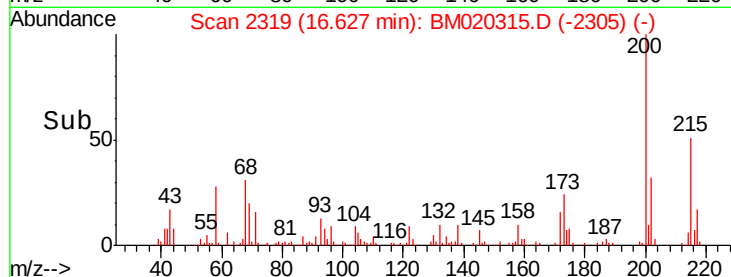
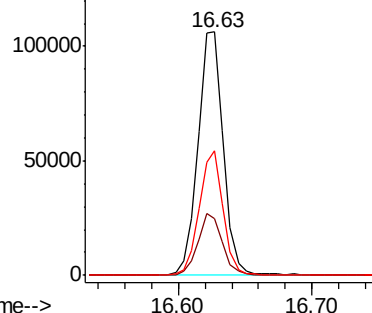


Abundance

Ion 200.00 (199.70 to 200.70): E

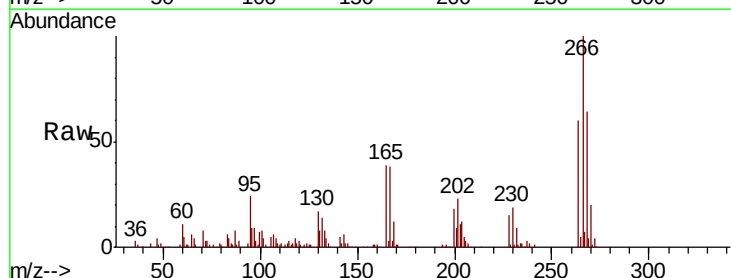
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 80.334 ng  
RT: 16.80 min Scan# 2349  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 201852 |       |       |
| 268     | 63.9  | 51.4   | 77.0  |       |
| 264     | 60.0  | 52.0   | 78.0  |       |

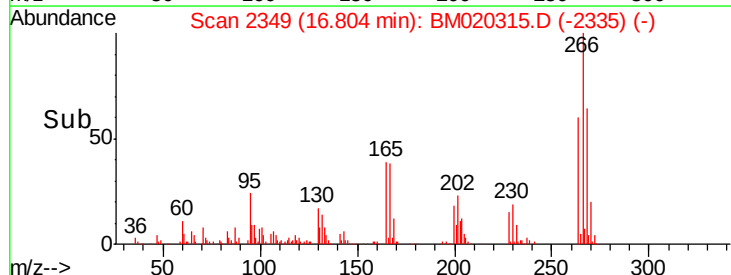
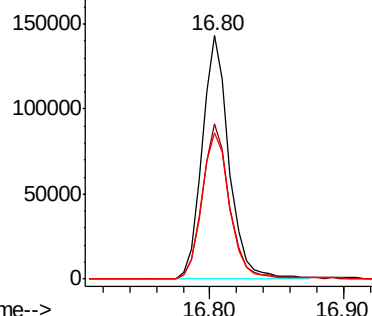


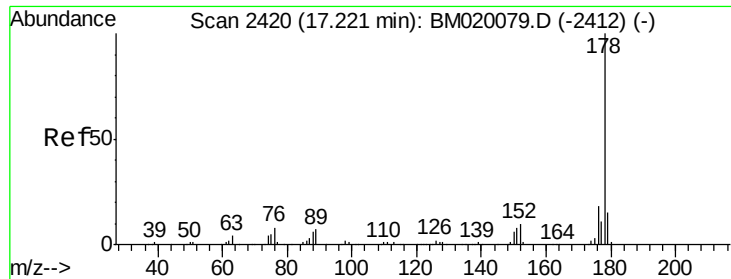
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





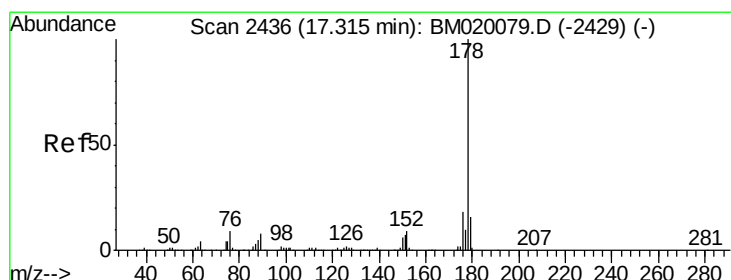
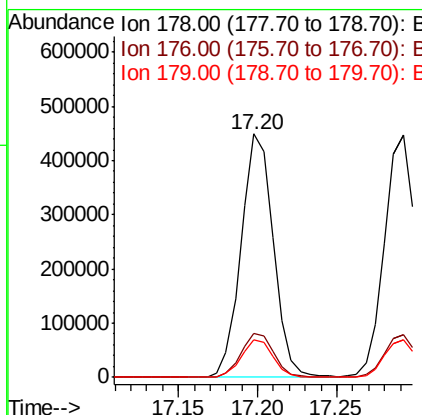
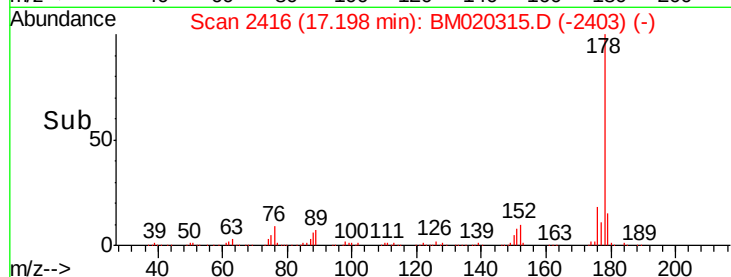
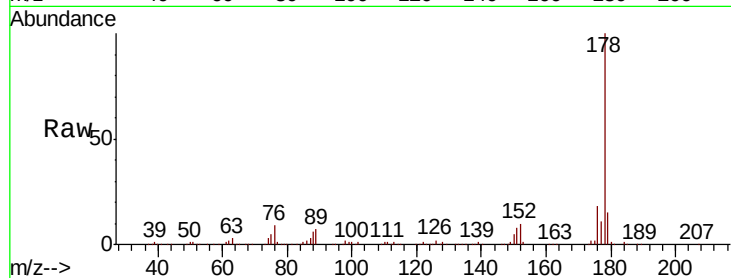
#71  
Phenanthrene  
Concen: 37.009 ng  
RT: 17.20 min Scan# 2416  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.6  | 21.8  |
| 179     | 15.5  | 12.4  | 18.6  |

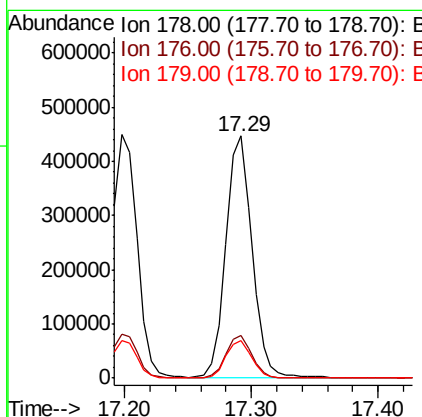
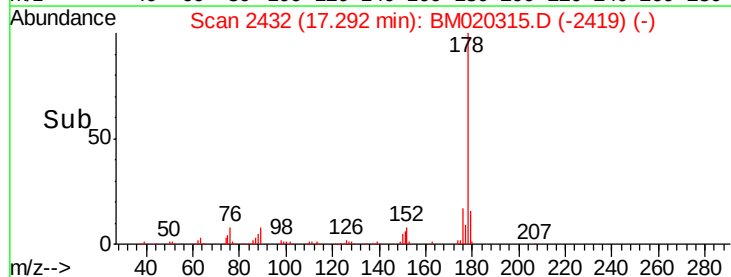
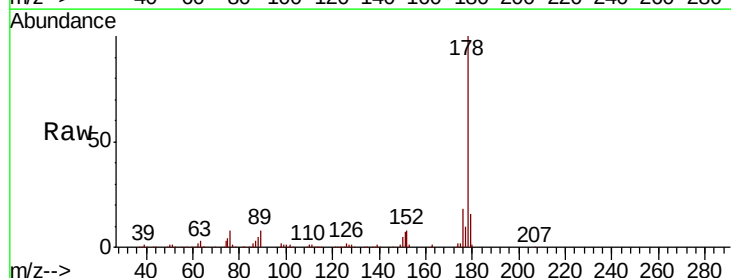
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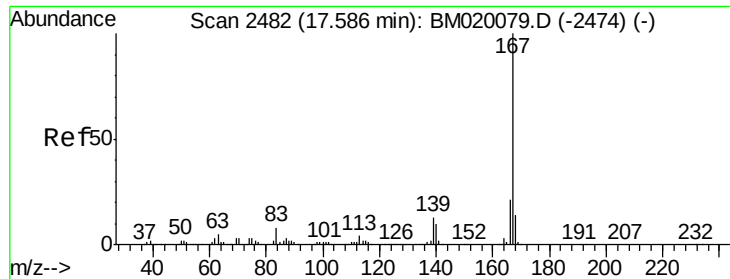


#72  
Anthracene  
Concen: 36.811 ng  
RT: 17.29 min Scan# 2432  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.7  | 14.6  | 22.0  |
| 179     | 15.6  | 12.4  | 18.6  |







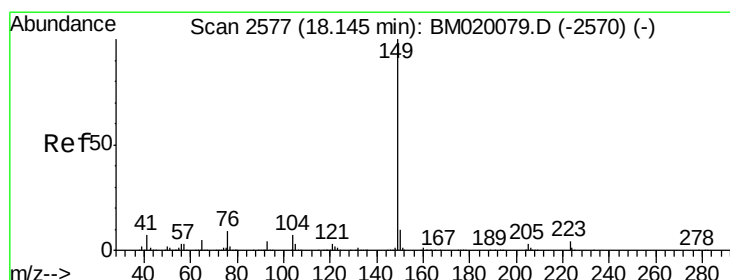
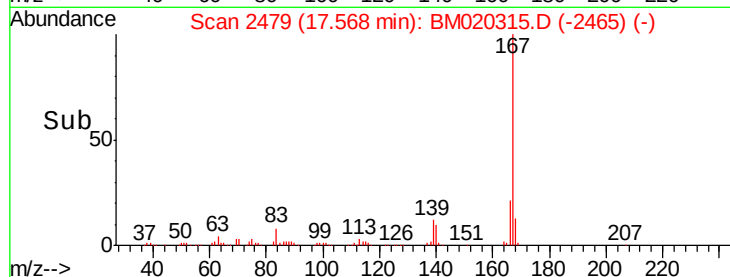
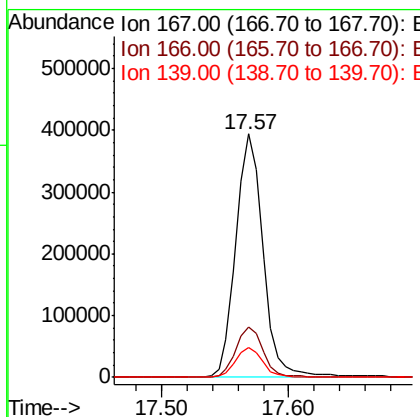
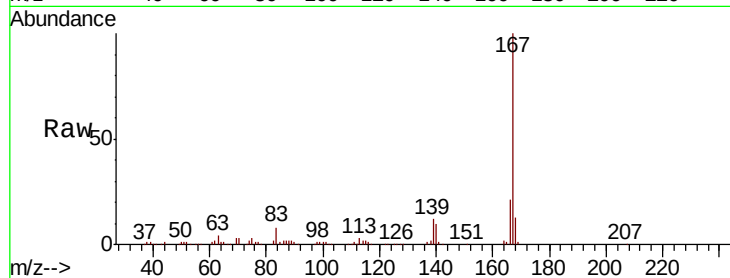
#73  
 Carbazole  
 Concen: 37.826 ng  
 RT: 17.57 min Scan# 2479  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.9  | 17.0  | 25.6  |
| 139     | 12.3  | 10.6  | 16.0  |

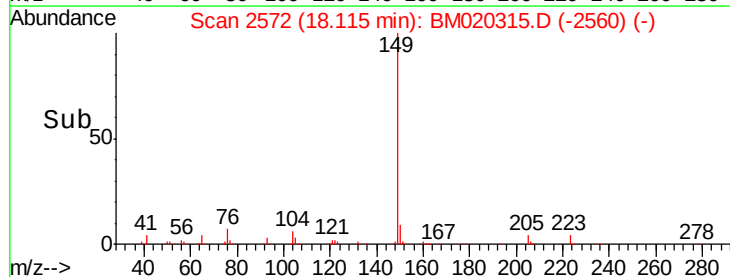
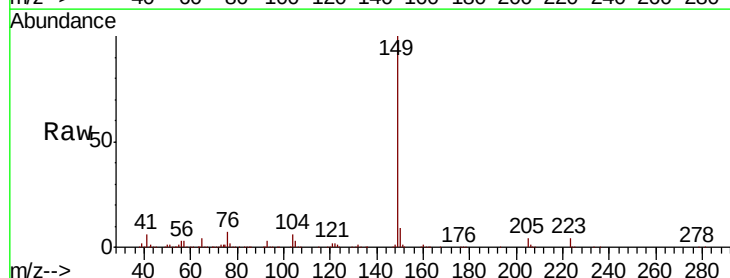
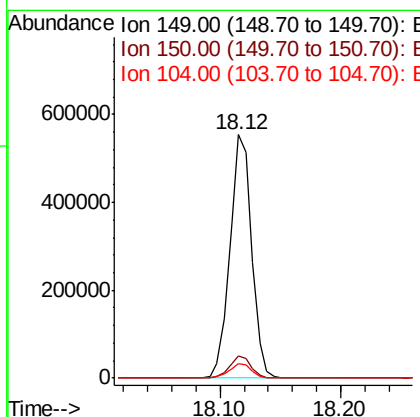
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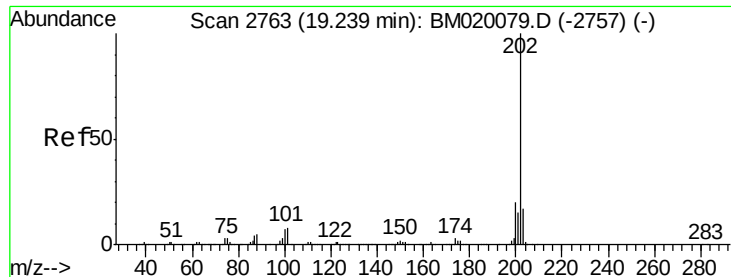
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#74  
 Di-n-butylphthalate  
 Concen: 37.060 ng  
 RT: 18.12 min Scan# 2572  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.8   | 11.6  |
| 104     | 6.1   | 5.7   | 8.5   |





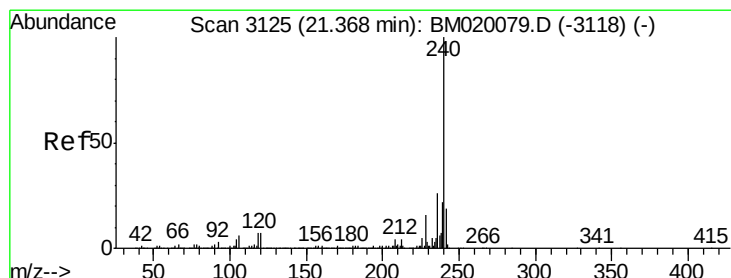
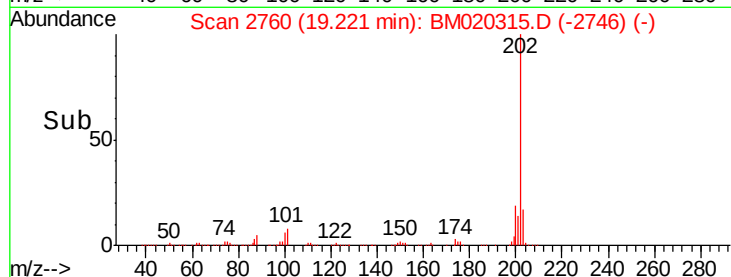
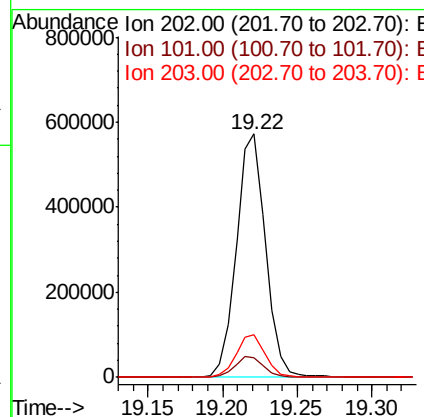
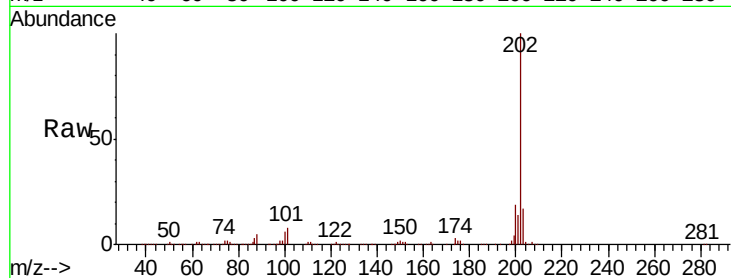
#75  
Fluoranthene  
Concen: 36.118 ng  
RT: 19.22 min Scan# 2760  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.9   | 0.0        | 28.4  |
| 203     | 17.3  | 0.0        | 37.4  |

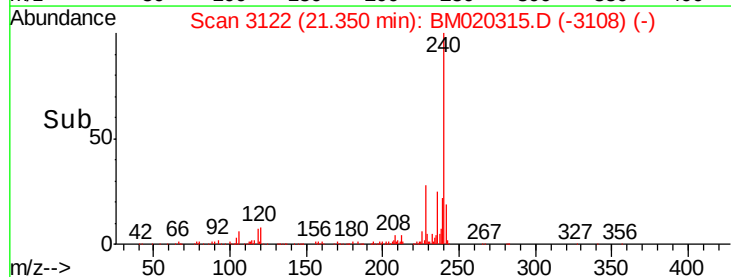
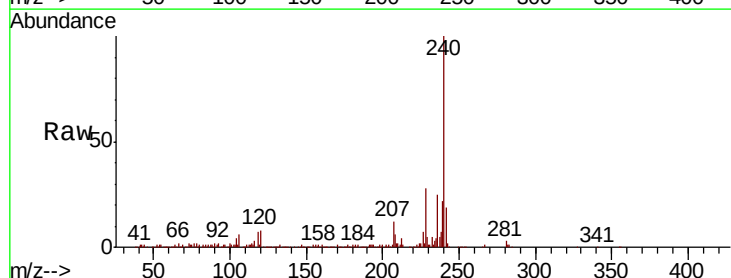
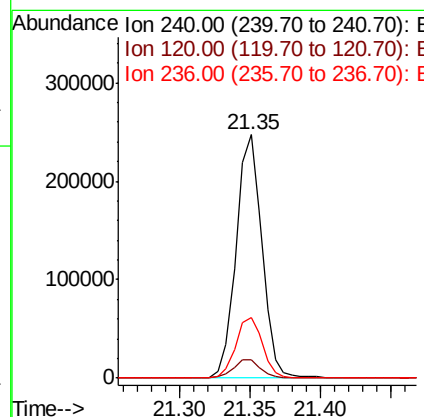
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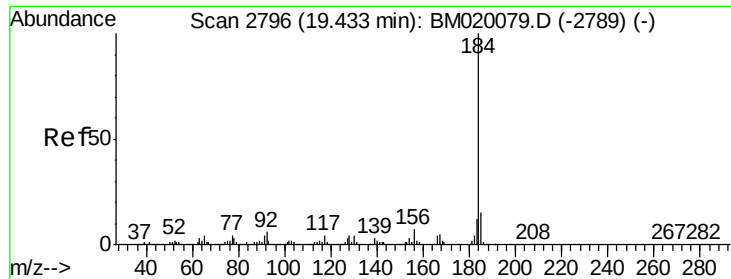
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.35 min Scan# 3122  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 7.5   | 5.6        | 8.4   |
| 236     | 25.1  | 20.9       | 31.3  |





#77

Benzidine

Concen: 0.969 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

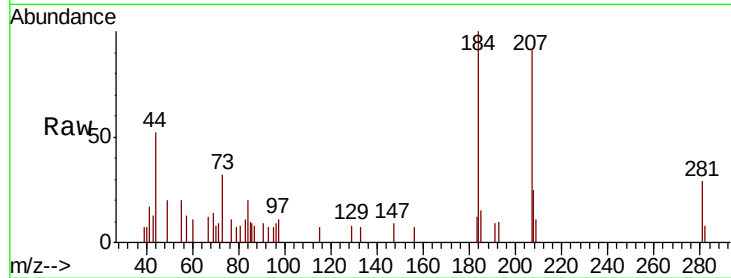
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 184   | Resp: | 9758 |
| Ion Ratio | Lower | Upper |      |
| 184       | 100   |       |      |
| 185       | 14.9  | 12.0  | 18.0 |
| 183       | 12.1  | 9.5   | 14.3 |

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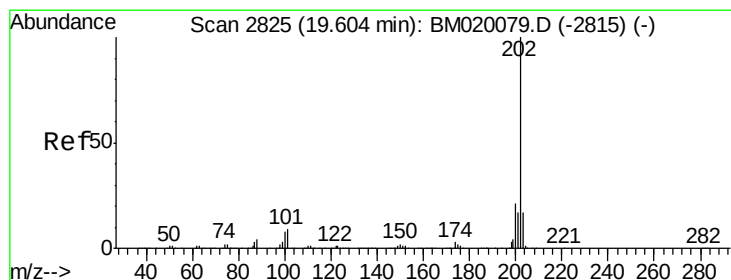
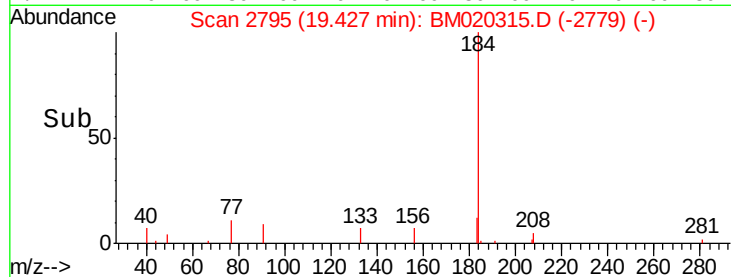
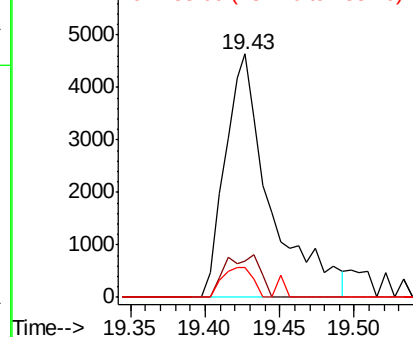


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.660 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

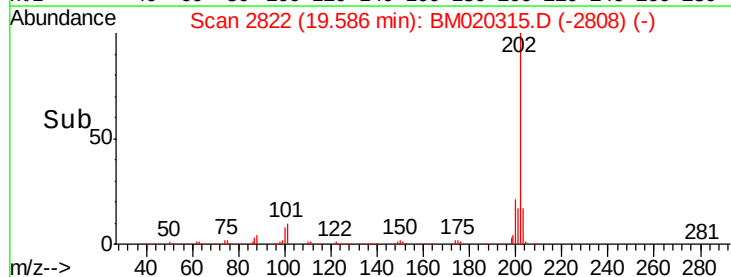
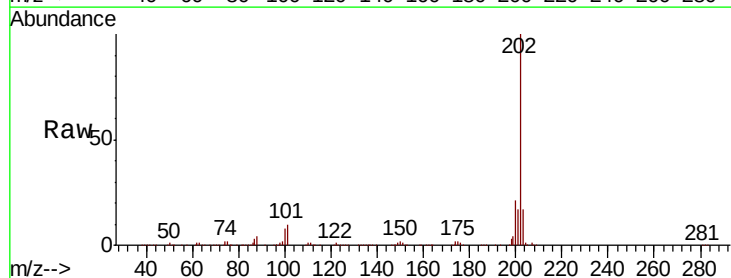
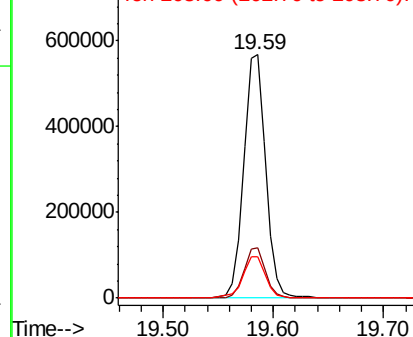
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 796574 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.5  | 16.5  | 24.7   |
| 203       | 17.0  | 13.9  | 20.9   |

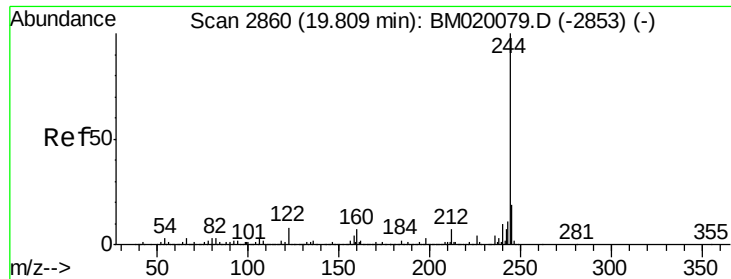
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





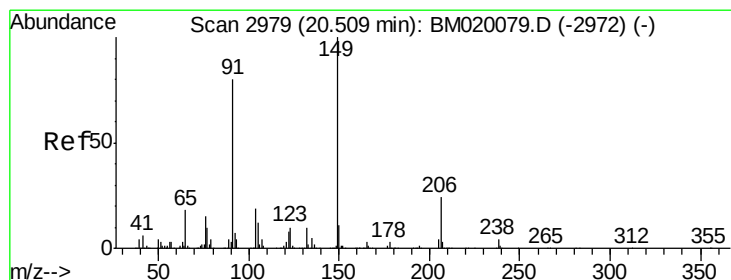
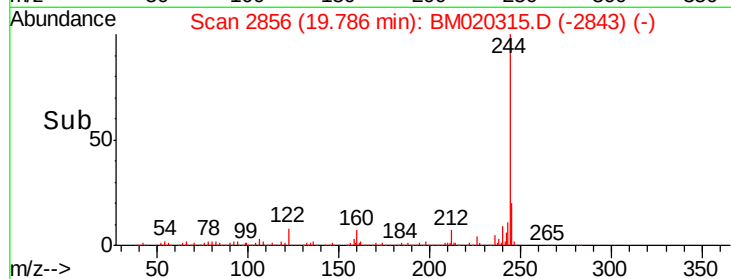
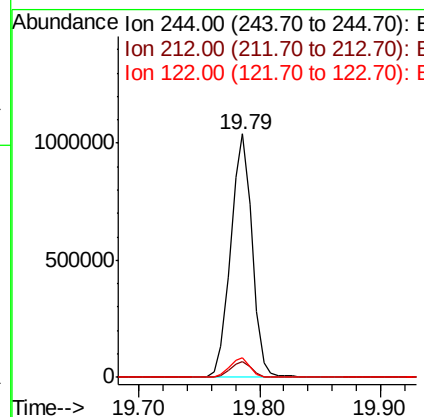
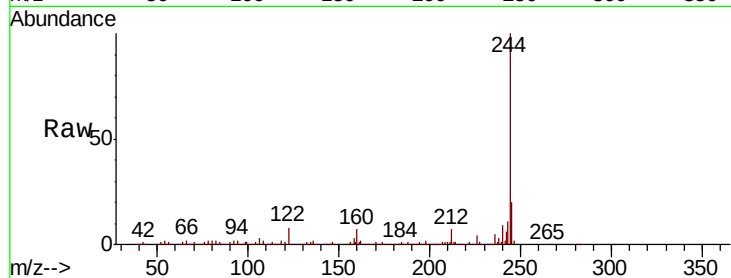
#79  
 Terphenyl-d14  
 Concen: 70.629 ng  
 RT: 19.79 min Scan# 2856  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.7   | 8.5   |
| 122     | 7.8   | 6.2   | 9.2   |

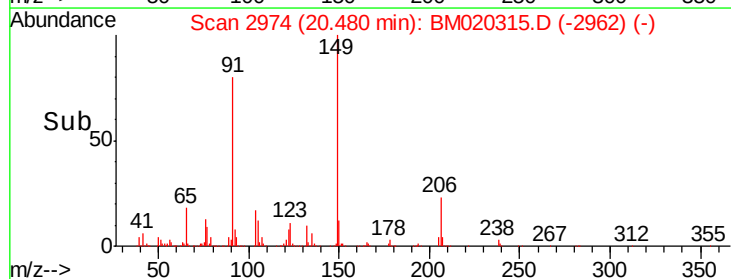
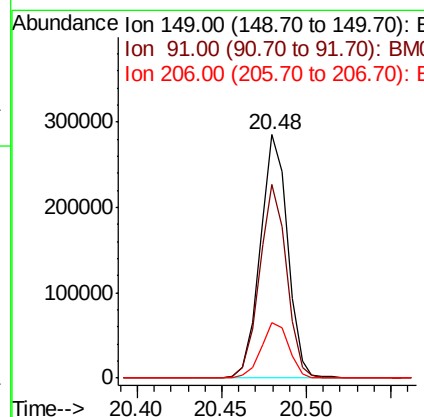
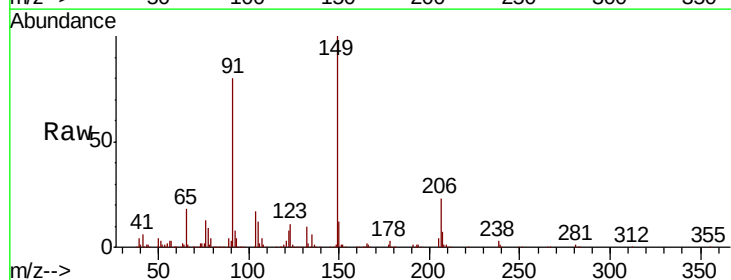
Manual Integrations  
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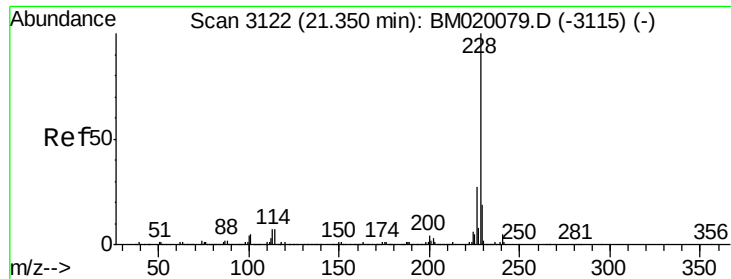
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#80  
 Butylbenzylphthalate  
 Concen: 41.897 ng  
 RT: 20.48 min Scan# 2974  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 79.8  | 63.8  | 95.8  |
| 206     | 22.8  | 18.9  | 28.3  |





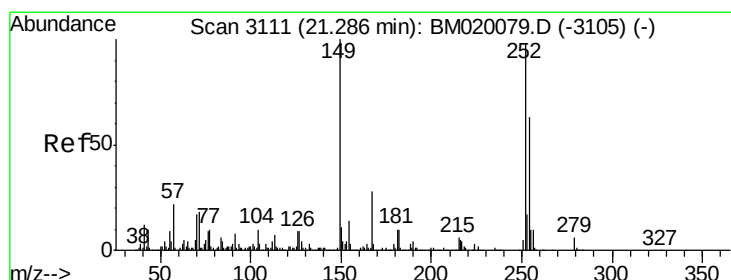
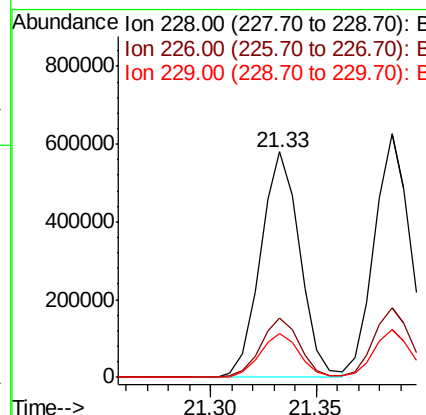
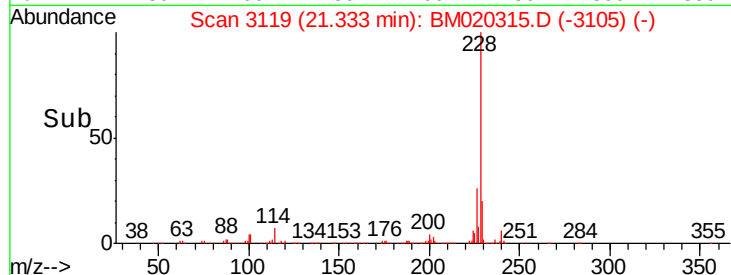
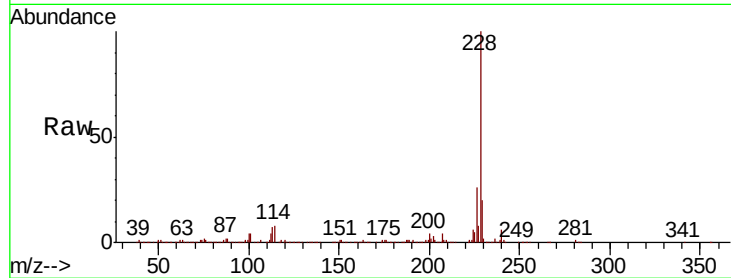
#81  
Benzo(a)anthracene  
Concen: 34.024 ng  
RT: 21.33 min Scan# 3119  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 26.3 |       | 21.3 | 31.9  |       |
| 229     | 19.7 |       | 15.5 | 23.3  |       |

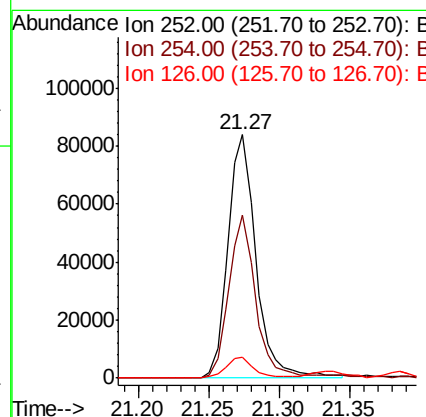
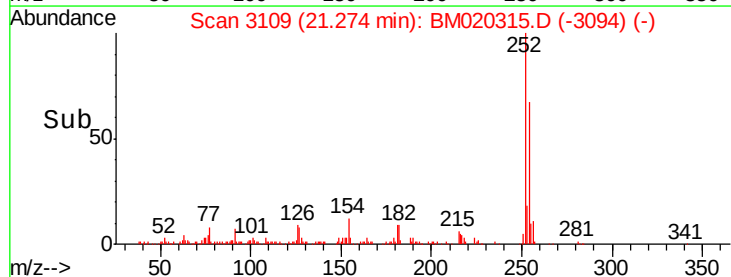
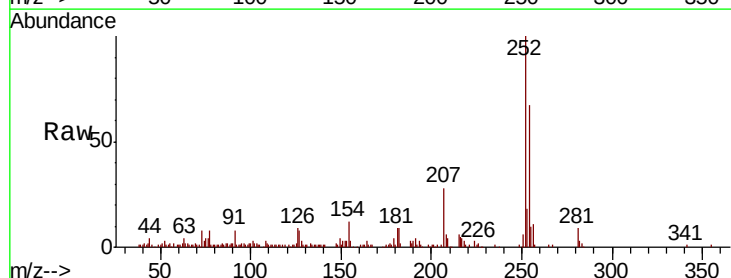
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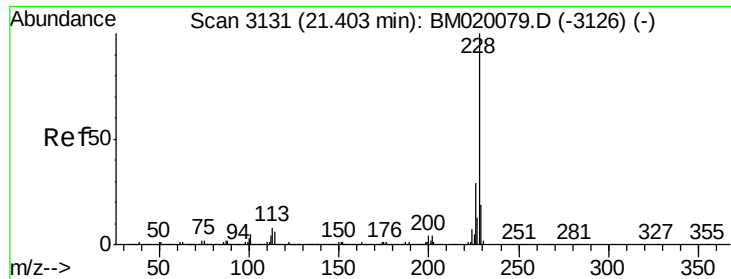
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 13.833 ng  
RT: 21.27 min Scan# 3109  
Delta R.T. -0.01 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 252     | 100  |       |      |       |       |
| 254     | 66.7 |       | 51.1 | 76.7  |       |
| 126     | 8.7  |       | 7.1  | 10.7  |       |





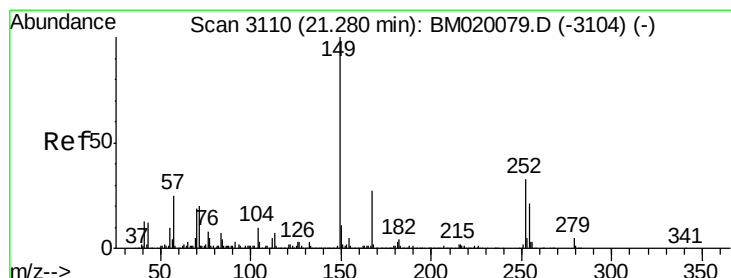
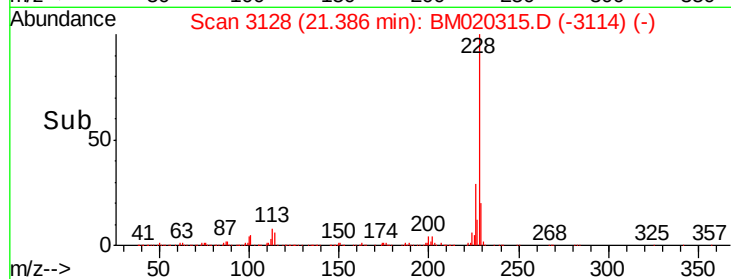
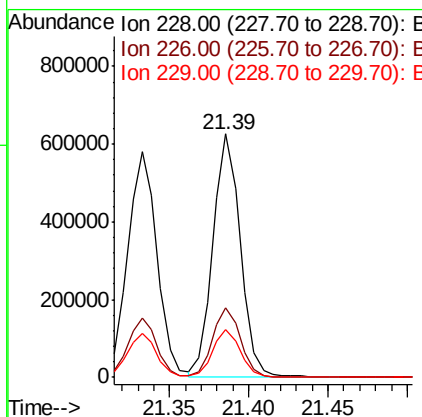
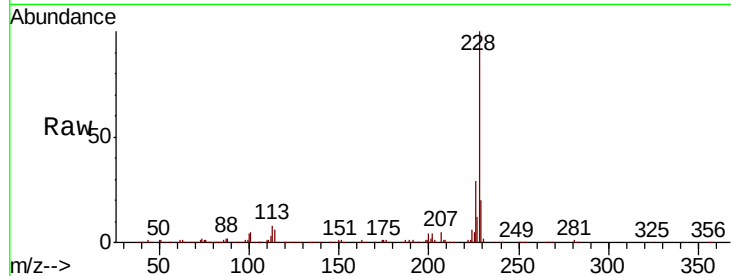
#83  
 Chrysene  
 Concen: 35.009 ng  
 RT: 21.39 min Scan# 3128  
 Delta R.T. -0.02 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.8  | 23.0  | 34.6  |
| 229     | 19.6  | 15.5  | 23.3  |

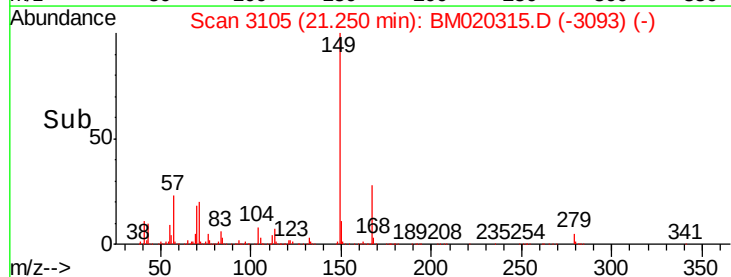
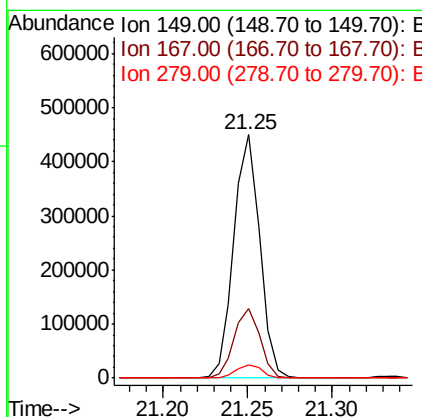
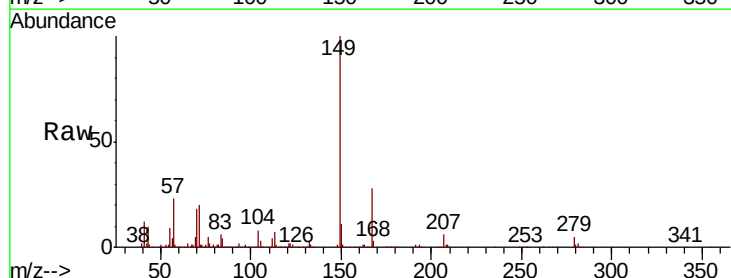
Manual Integrations  
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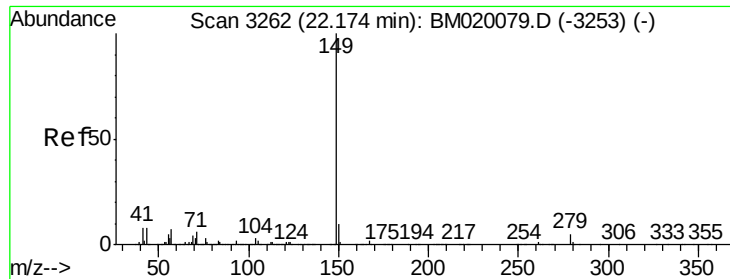
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.474 ng  
 RT: 21.25 min Scan# 3105  
 Delta R.T. -0.03 min  
 Lab File: BM020315.D  
 Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.4  | 21.8  | 32.8  |
| 279     | 5.2   | 4.2   | 6.2   |





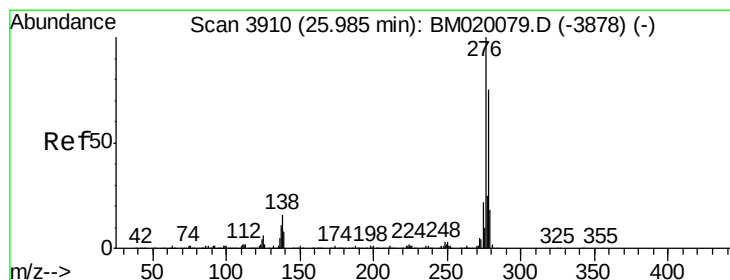
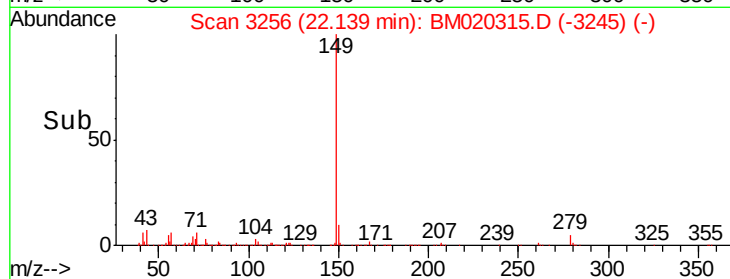
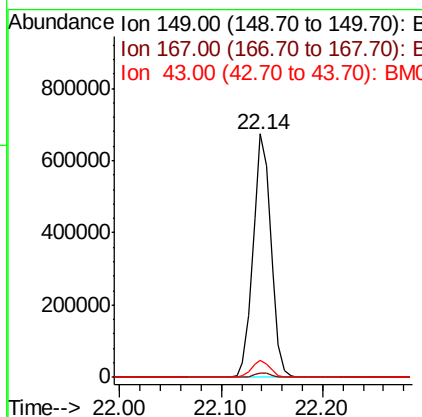
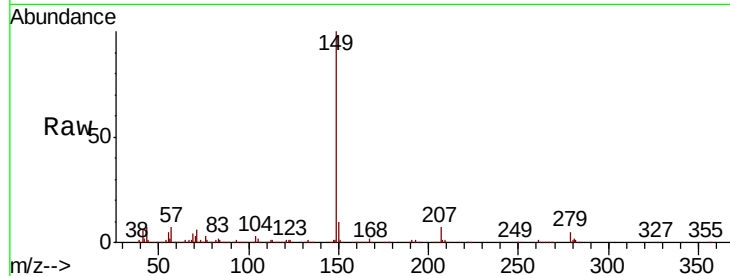
#85  
Di-n-octyl phthalate  
Concen: 41.333 ng  
RT: 22.14 min Scan# 3256  
Delta R.T. -0.04 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 819947 |       |       |
| 167     | 1.8   |        | 1.3   | 1.9   |
| 43      | 6.9   |        | 6.5   | 9.7   |

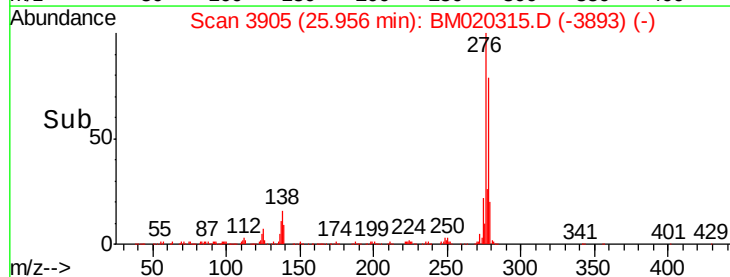
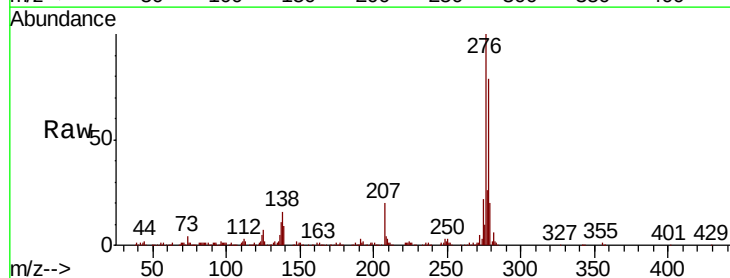
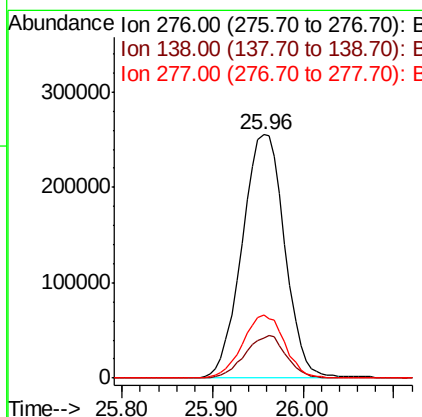
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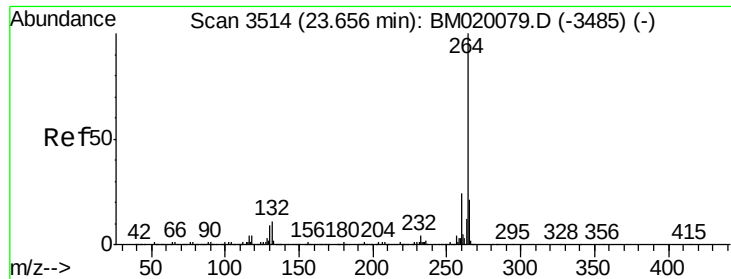
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.677 ng  
RT: 25.96 min Scan# 3905  
Delta R.T. -0.03 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 832841 |       |       |
| 138     | 17.0  |        | 0.0   | 0.0#  |
| 277     | 25.5  |        | 0.0   | 0.0#  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

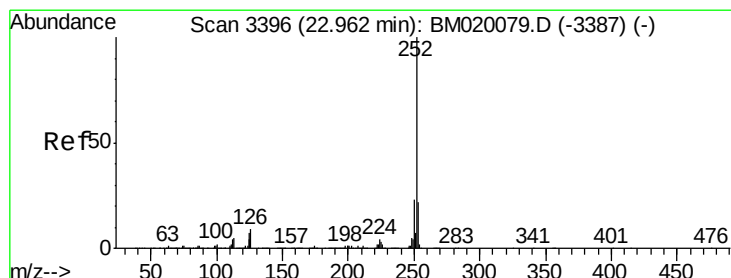
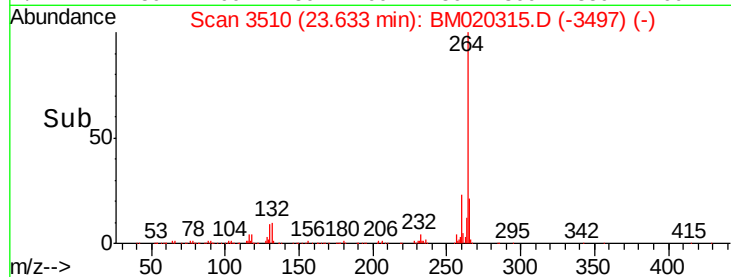
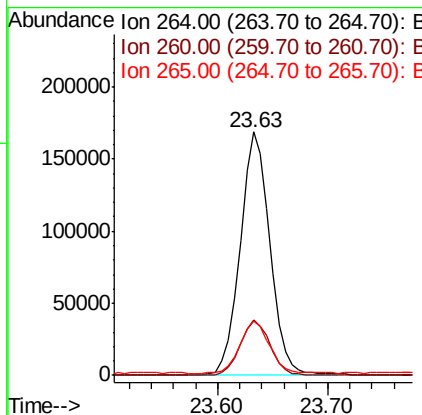
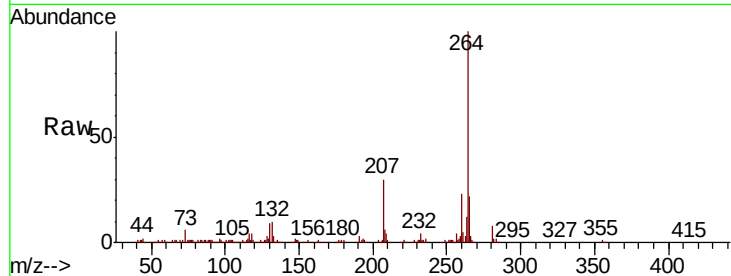
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 320144 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.6  | 19.2  | 28.8   |
| 265       | 22.3  | 16.9  | 25.3   |

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#88

Benzo(b)fluoranthene

Concen: 35.294 ng

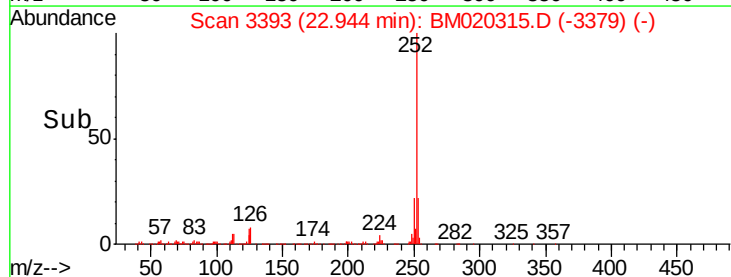
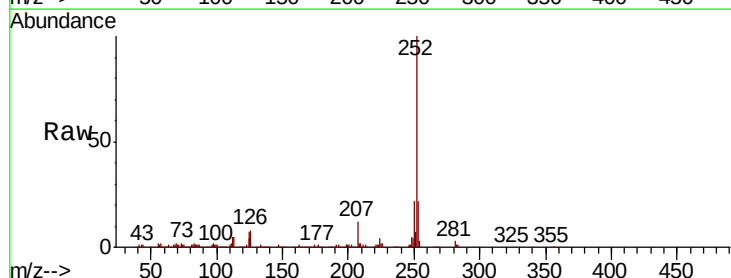
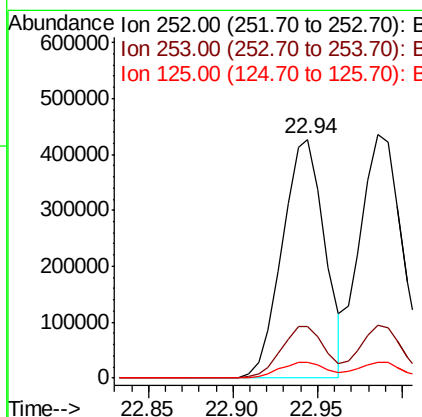
RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

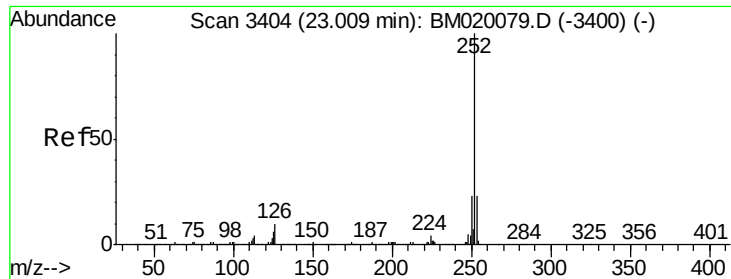
Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 746136 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.5  | 26.3   |
| 125       | 6.6   | 5.4   | 8.2    |







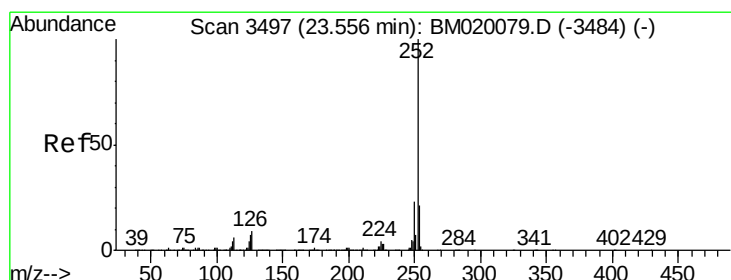
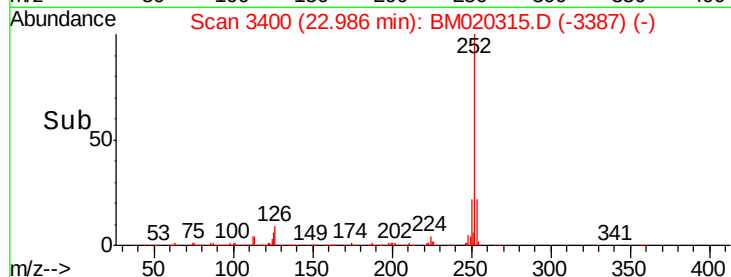
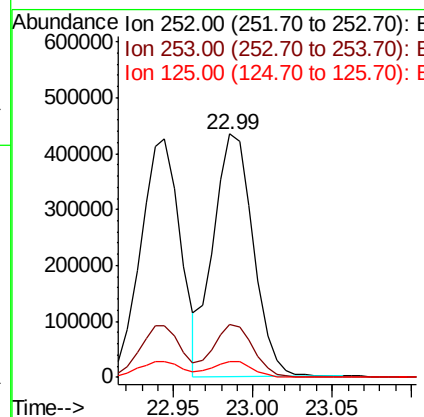
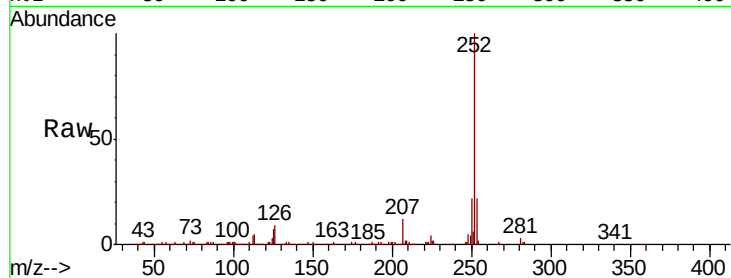
#89  
Benzo(k)fluoranthene  
Concen: 39.346 ng  
RT: 22.99 min Scan# 3400  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS008-0206-01MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.8  | 26.8  |
| 125     | 6.7   | 5.4   | 8.0   |

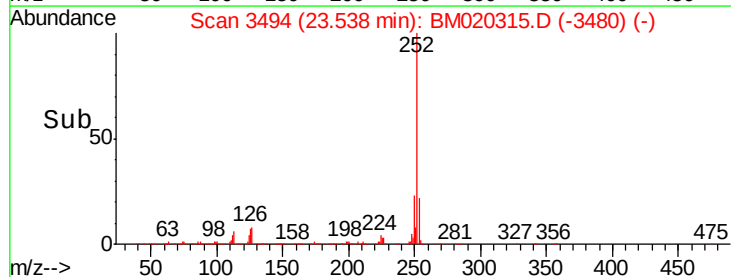
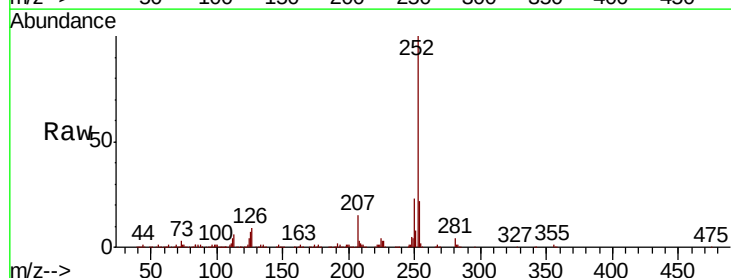
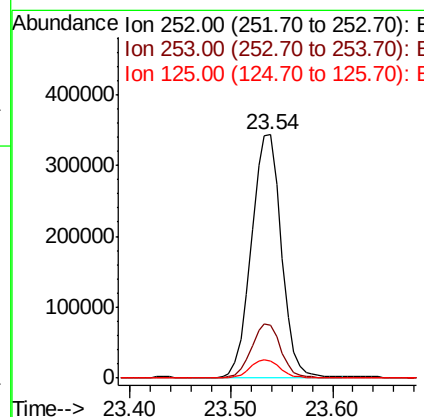
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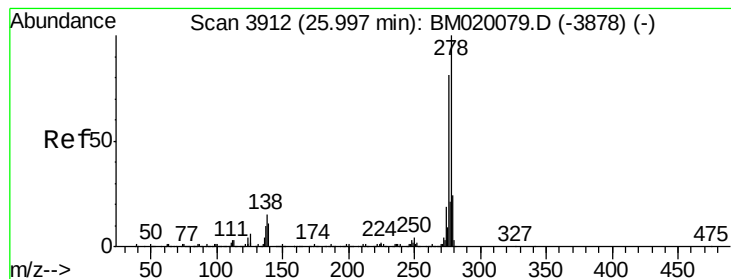
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#90  
Benzo(a)pyrene  
Concen: 36.729 ng  
RT: 23.54 min Scan# 3494  
Delta R.T. -0.02 min  
Lab File: BM020315.D  
Acq: 13 May 2019 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.0  | 25.6  |
| 125     | 7.1   | 5.5   | 8.3   |





#91

Dibenzo(a,h)anthracene

Concen: 36.231 ng

RT: 25.97 min Scan# 3907

Delta R.T. -0.03 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

Instrument :

BNA\_M

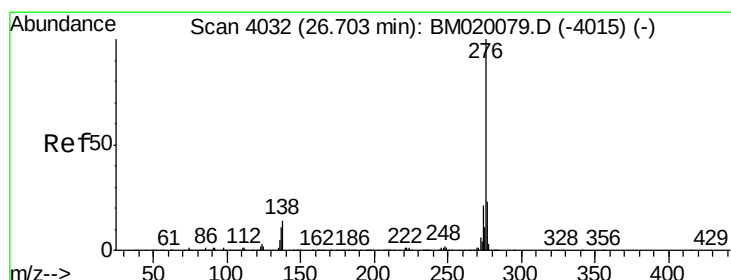
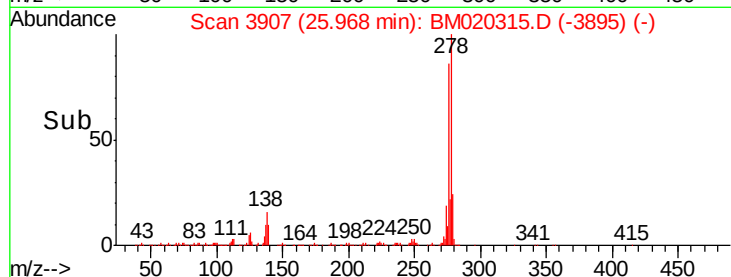
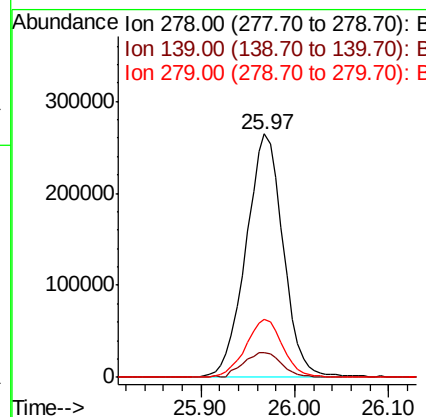
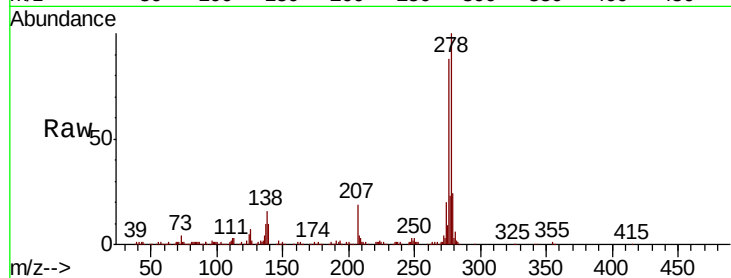
ClientSampleId :

P021-SS008-0206-01MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 723525 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 10.4  | 8.6   | 13.0   |
| 279       | 23.6  | 18.8  | 28.2   |

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#92

Benzo(g,h,i)perylene

Concen: 35.683 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.04 min

Lab File: BM020315.D

Acq: 13 May 2019 14:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 676526 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.4  | 18.4  | 27.6   |
| 138       | 13.1  | 11.1  | 16.7   |

