

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\  
 Data File : BM019277.D  
 Acq On : 21 Mar 2019 00:24  
 Operator : JU/SJ  
 Sample : PB118092BSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

Manual Integrations  
 APPROVED

Sohil  
 3/22/2019 6:04:55 PM

Quant Time: Mar 21 17:53:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 21 17:06:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 202350   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.42 | 136  | 934257   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.29 | 164  | 571717   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.04 | 188  | 1236903  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.25 | 240  | 1064895  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.47 | 264  | 895940   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.23  | 112 | 948834  | 75.94  | ng | 0.00 |
| 7) Phenol-d6                | 6.82  | 99  | 1483154 | 81.15  | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.80  | 82  | 1591285 | 80.51  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330 | 717250  | 84.97  | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.90 | 172 | 3564259 | 81.09  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.69 | 244 | 5739666 | 107.00 | ng | 0.00 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.20  | 88  | 197341  | 35.503 ng | 99     |
| 3) Pyridine                    | 3.60  | 79  | 630036  | 41.663 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.52  | 42  | 175674  | 37.368 ng | 96     |
| 6) Aniline                     | 6.98  | 93  | 993064  | 42.086 ng | 99     |
| 8) 2-Chlorophenol              | 7.20  | 128 | 607396  | 40.453 ng | 98     |
| 9) Benzaldehyde                | 6.80  | 77  | 361645  | 31.459 ng | 99     |
| 10) Phenol                     | 6.85  | 94  | 830958  | 42.188 ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.07  | 93  | 606613  | 40.361 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.52  | 146 | 633167  | 39.848 ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.67  | 146 | 647299  | 39.957 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.98  | 146 | 636762  | 40.401 ng | 99     |
| 15) Benzyl Alcohol             | 7.89  | 79  | 628971  | 41.582 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 611416  | 39.841 ng | 99     |
| 17) 2-Methylphenol             | 8.08  | 107 | 551012  | 42.930 ng | 99     |
| 18) Hexachloroethane           | 8.69  | 117 | 240024  | 39.874 ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 632255  | 42.168 ng | 99     |
| 20) 3+4-Methylphenols          | 8.41  | 107 | 770438  | 44.221 ng | 99     |
| 22) Acetophenone               | 8.47  | 105 | 1039150 | 40.248 ng | 99     |
| 24) Nitrobenzene               | 8.85  | 77  | 848596  | 41.284 ng | 100    |
| 25) Isophorone                 | 9.36  | 82  | 1600303 | 42.433 ng | 99     |
| 26) 2-Nitrophenol              | 9.55  | 139 | 366478  | 43.013 ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.60  | 122 | 603236  | 47.624 ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.85  | 93  | 924397  | 41.396 ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.07 | 162 | 637403  | 45.436 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.28 | 180 | 672512  | 42.514 ng | 99     |
| 31) Naphthalene                | 10.47 | 128 | 2048934 | 41.609 ng | 100    |
| 32) Benzoic acid               | 9.79  | 122 | 428599m | 39.953 ng |        |
| 33) 4-Chloroaniline            | 10.60 | 127 | 915107  | 45.335 ng | 99     |
| 34) Hexachlorobutadiene        | 10.73 | 225 | 367439  | 40.477 ng | 98     |
| 35) Caprolactam                | 11.43 | 113 | 219986m | 44.021 ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.73 | 107 | 761379  | 43.986 ng | 100    |
| 37) 2-Methylnaphthalene        | 12.09 | 142 | 1566619 | 43.781 ng | 100    |
| 38) 1-Methylnaphthalene        | 12.31 | 142 | 1504016 | 42.643 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 752617  | 41.616 ng | 99     |

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Manual Integrations  
 APPROVED

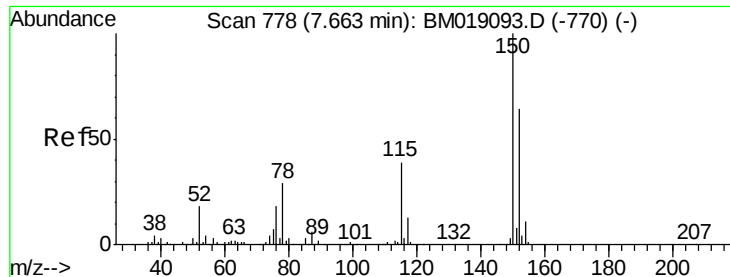
Sohil  
 3/22/2019 6:04:55 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.42 | 237  | 782205   | 95.487 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.71 | 196  | 537121   | 45.958 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.79 | 196  | 555243   | 44.428 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.12 | 154  | 2023340  | 40.525 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 1583026  | 42.476 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 535031   | 42.807 | ng    | 100      |
| 49) Acenaphthylene             | 14.02 | 152  | 2609247  | 41.406 | ng    | 100      |
| 50) Dimethylphthalate          | 13.76 | 163  | 2028944  | 41.485 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 452968   | 42.844 | ng    | 100      |
| 52) Acenaphthene               | 14.36 | 154  | 1497724  | 41.363 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.23 | 138  | 462628   | 41.315 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.44 | 184  | 447689   | 72.915 | ng    | 100      |
| 55) Dibenzofuran               | 14.69 | 168  | 2460513  | 42.136 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.55 | 139  | 703406   | 76.939 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 640988   | 41.767 | ng    | 97       |
| 58) Fluorene                   | 15.35 | 166  | 1995833  | 41.465 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 498617   | 42.856 | ng    | 99       |
| 60) Diethylphthalate           | 15.13 | 149  | 2088433  | 42.162 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.35 | 204  | 997089   | 42.652 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 441809   | 39.151 | ng    | 99       |
| 63) Azobenzene                 | 15.64 | 77   | 2209725  | 42.395 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 323392   | 39.898 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.57 | 169  | 1719933  | 43.677 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.24 | 248  | 597527   | 43.807 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.34 | 284  | 699071   | 43.109 | ng    | 99       |
| 69) Atrazine                   | 16.53 | 200  | 452900   | 34.166 | ng    | 99       |
| 70) Pentachlorophenol          | 16.70 | 266  | 784411   | 80.287 | ng    | 98       |
| 71) Phenanthrene               | 17.09 | 178  | 2995443  | 41.317 | ng    | 100      |
| 72) Anthracene                 | 17.18 | 178  | 3068483  | 43.234 | ng    | 100      |
| 73) Carbazole                  | 17.46 | 167  | 2698970  | 40.291 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 3560654  | 43.956 | ng    | 100      |
| 75) Fluoranthene               | 19.12 | 202  | 3240011  | 38.947 | ng    | 100      |
| 77) Benzidine                  | 19.32 | 184  | 3011607  | 99.719 | ng    | 100      |
| 78) Pyrene                     | 19.48 | 202  | 3260578  | 48.393 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 1526682  | 52.023 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 2798859  | 41.894 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 1075102  | 41.774 | ng    | 99       |
| 83) Chrysene                   | 21.29 | 228  | 2592462  | 40.111 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 2226234  | 52.144 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.03 | 149  | 3424016  | 47.627 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 2694825  | 38.733 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.80 | 252  | 2452856  | 42.251 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.85 | 252  | 2402763  | 44.998 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.38 | 252  | 2285833  | 43.814 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.74 | 278  | 2305650  | 46.198 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.41 | 276  | 2196100  | 47.929 | ng    | 100      |

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





#1

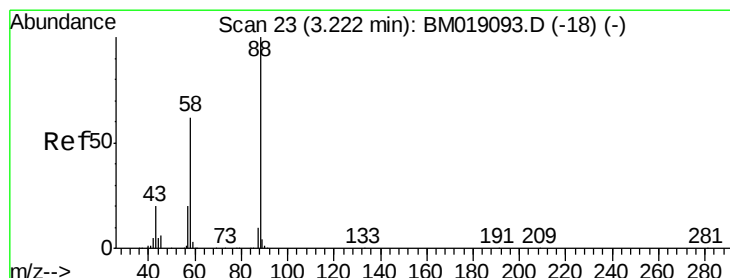
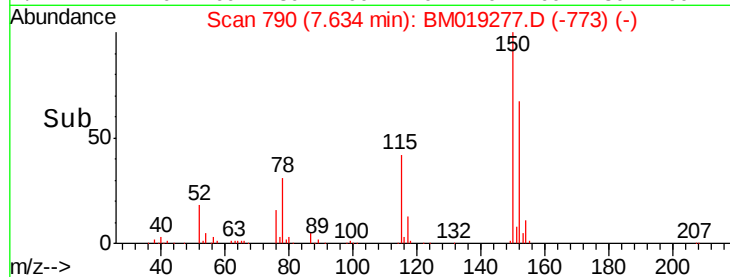
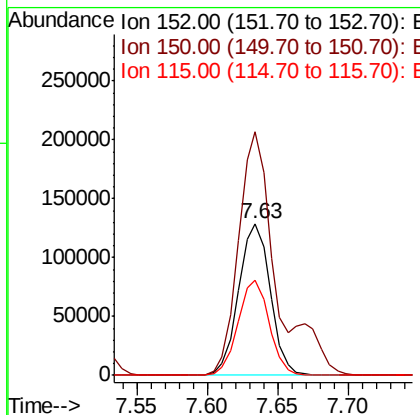
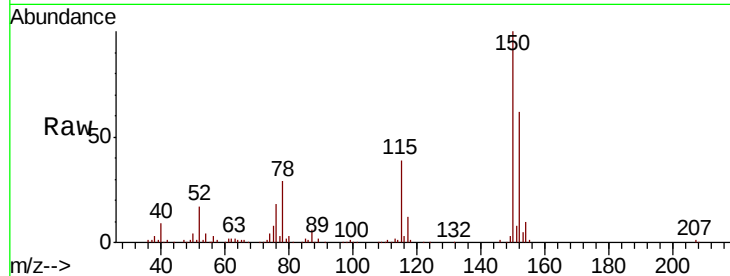
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.2 | 123.8 | 185.6 |
| 115     | 62.5  | 48.9  | 73.3  |

Manual Integrations  
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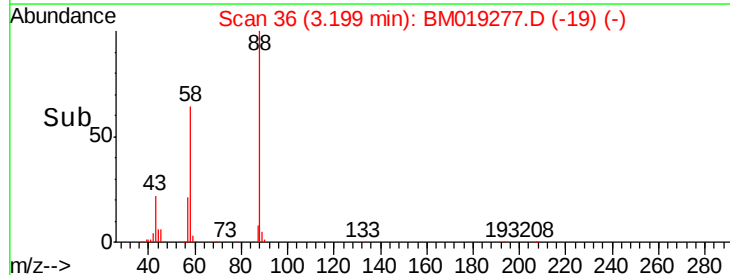
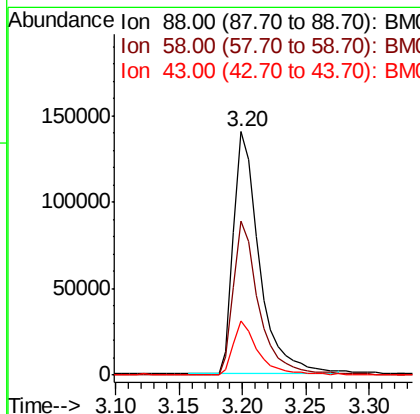
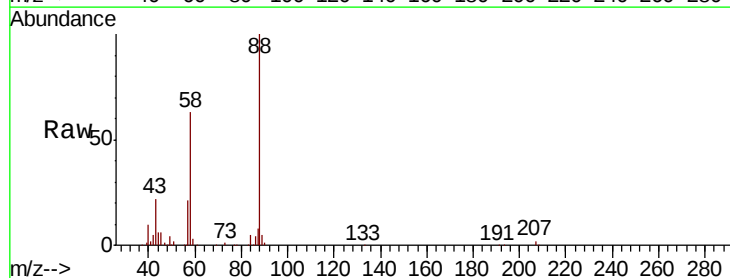
Sohil  
3/22/2019 6:04:55 PM



#2

1,4-Dioxane  
Concen: 35.503 ng  
RT: 3.20 min Scan# 36  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.7  | 49.5  | 74.3  |
| 43      | 21.7  | 17.2  | 25.8  |





#3

Pvridine

Concen: 41.663 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

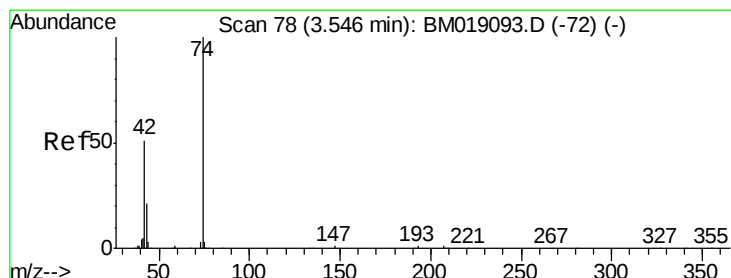
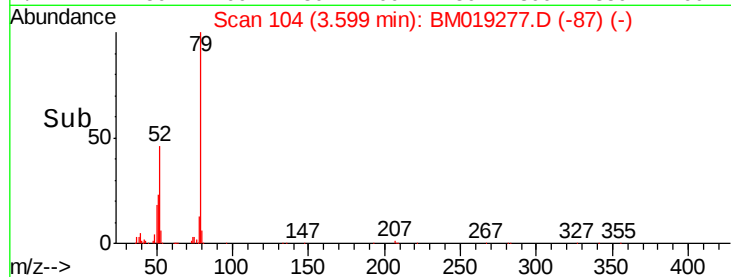
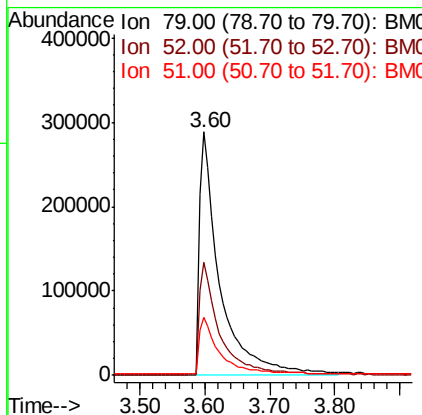
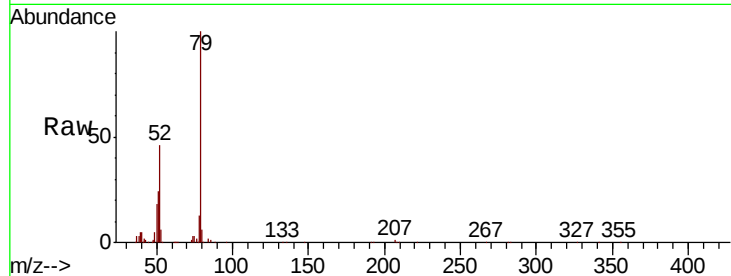
ClientSampleId :

PB118092BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 630036 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 46.4  | 38.1  | 57.1   |
| 51       | 24.0  | 19.0  | 28.6   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.368 ng

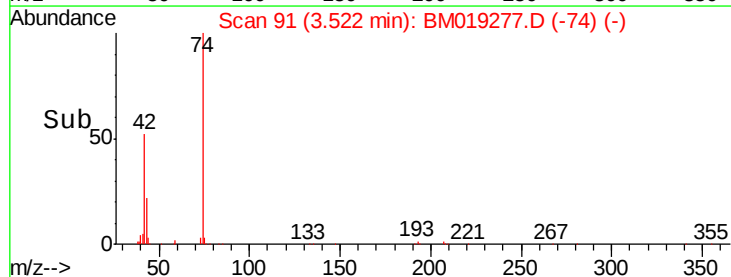
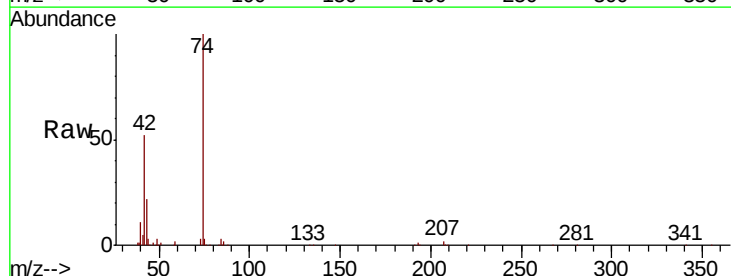
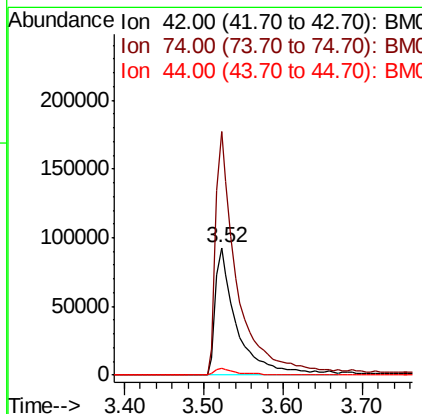
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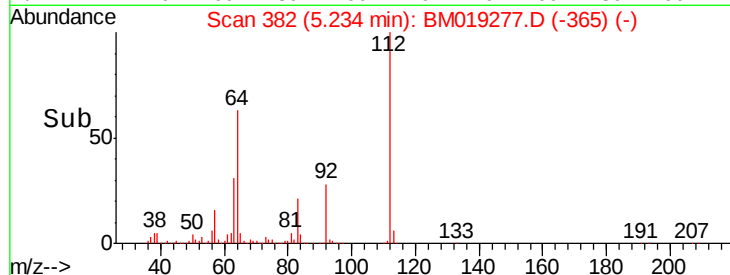
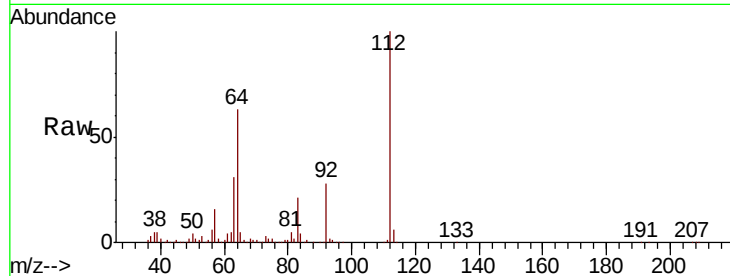
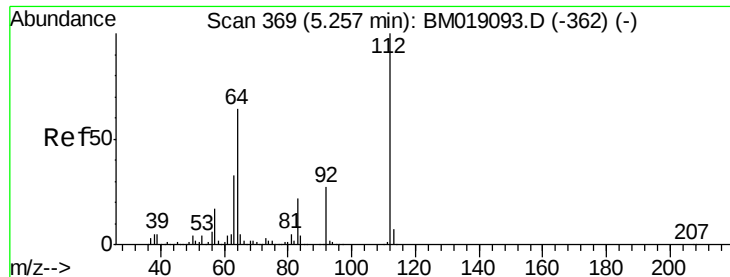
Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 175674 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 191.4 | 148.6 | 222.8  |
| 44       | 5.3   | 4.6   | 7.0    |





#5

2-Fluorophenol

Concen: 75.938 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

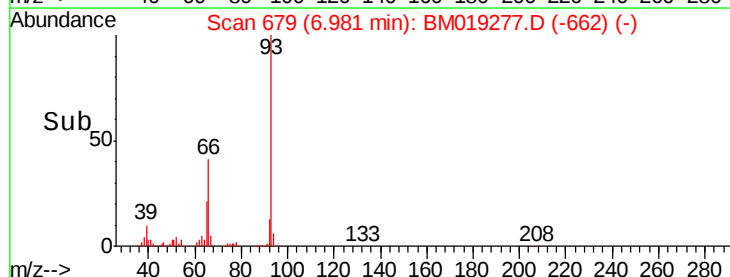
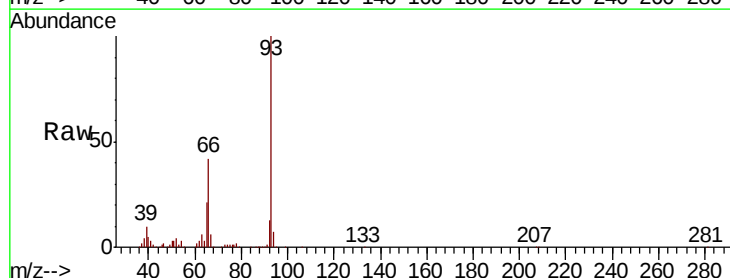
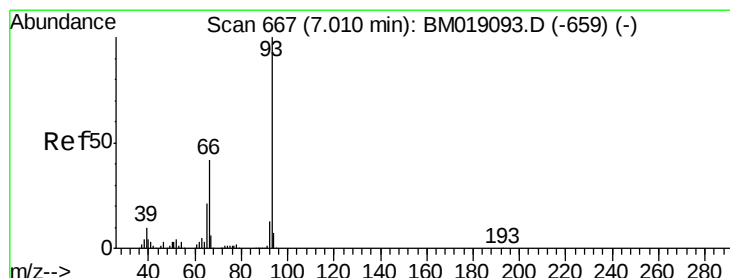
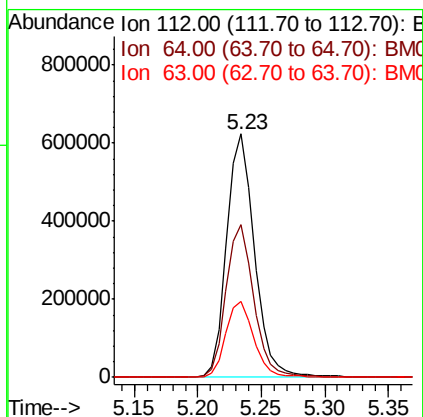
ClientSampleId :

PB118092BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 948834 |       |       |
| 64      | 62.6 | 50.6  | 75.8   |       |       |
| 63      | 31.4 | 25.8  | 38.6   |       |       |

Manual Integrations  
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#6

Aniline

Concen: 42.086 ng

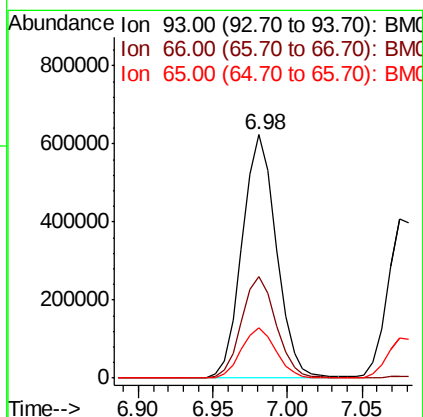
RT: 6.98 min Scan# 679

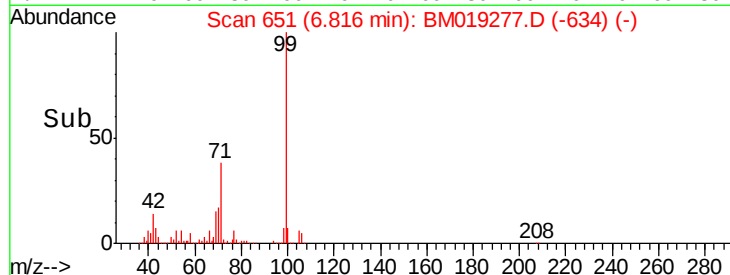
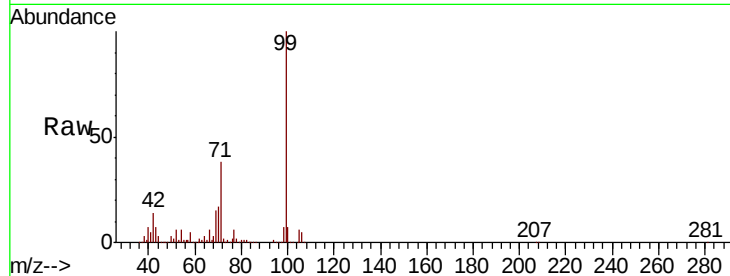
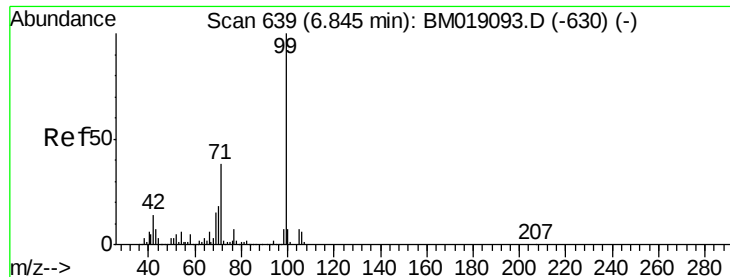
Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 993064 |       |       |
| 66      | 41.7 | 32.8  | 49.2   |       |       |
| 65      | 20.8 | 16.2  | 24.4   |       |       |





#7

Phenol-d6

Concen: 81.152 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Tot Ion: 99 Resp: 1483154

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 37.7 30.1 45.1

Instrument :

BNA\_M

ClientSampleId :

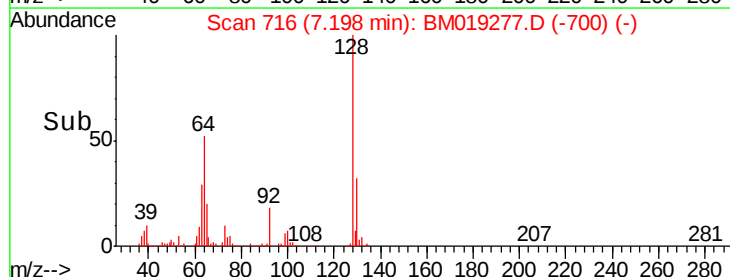
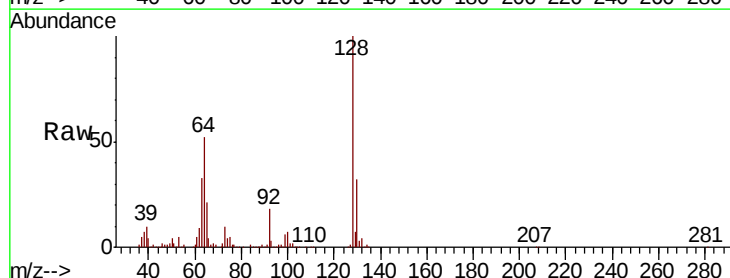
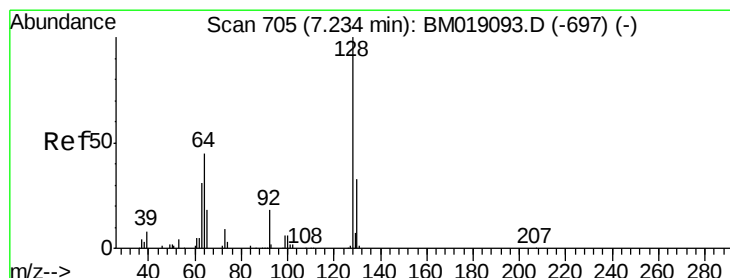
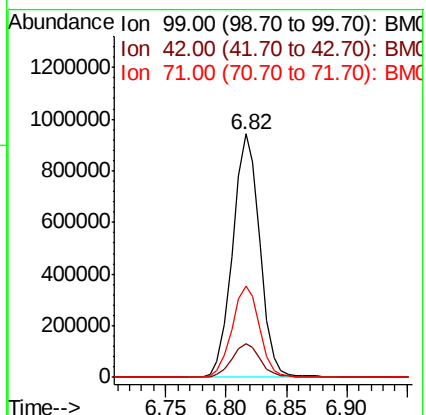
PB118092BSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.453 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

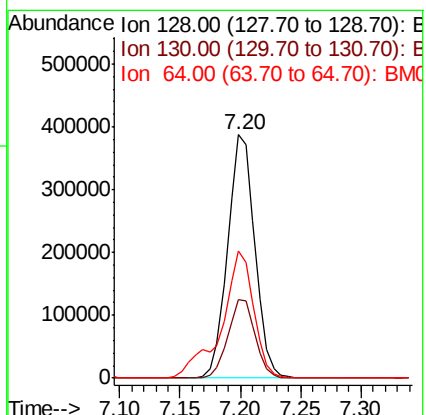
Tgt Ion: 128 Resp: 607396

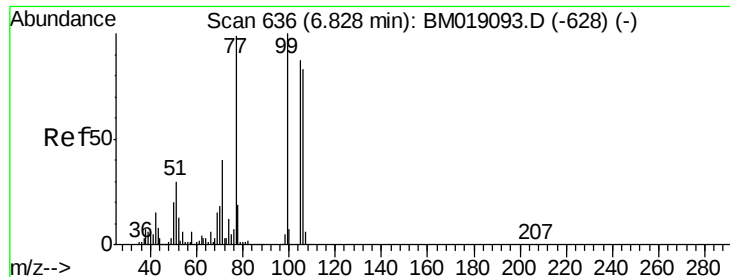
Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 52.4 30.6 70.6





#9

Benzaldehyde

Concen: 31.459 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

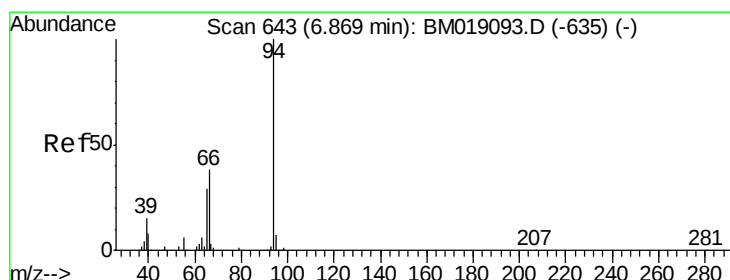
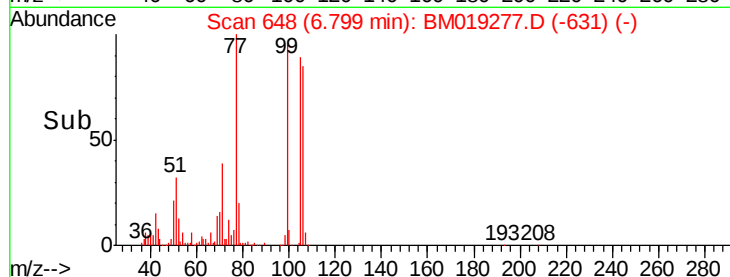
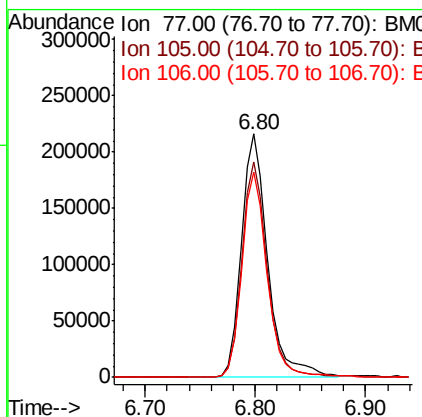
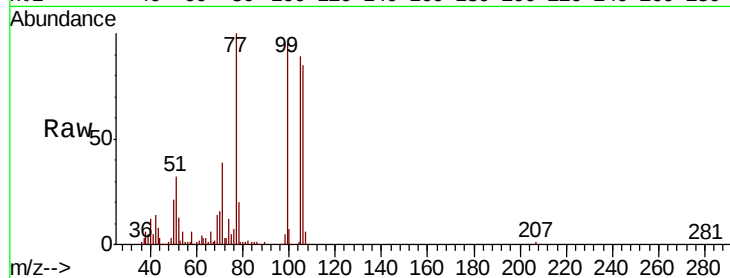
ClientSampleId :

PB118092BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 361645 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 88.7  | 67.6  | 107.6  |
| 106      | 84.5  | 63.6  | 103.6  |

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#10

Phenol

Concen: 42.188 ng

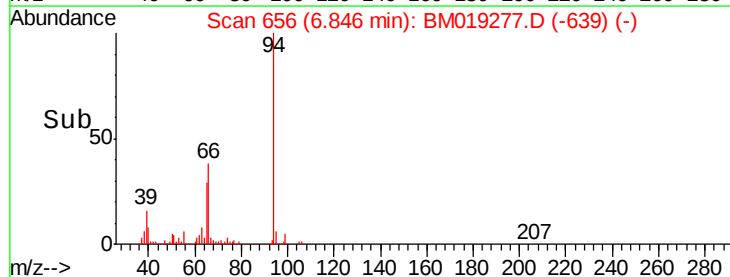
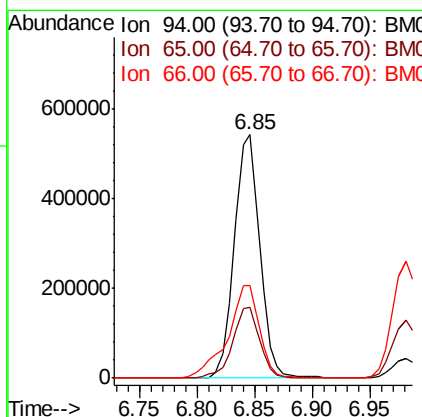
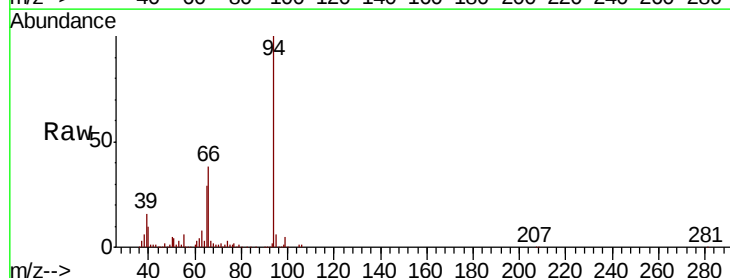
RT: 6.85 min Scan# 656

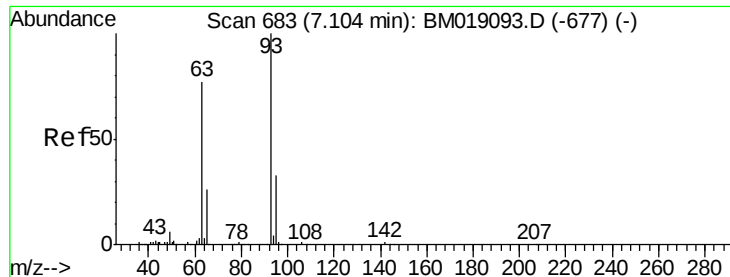
Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 830958 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.2  | 9.2   | 49.2   |
| 66       | 38.0  | 17.7  | 57.7   |





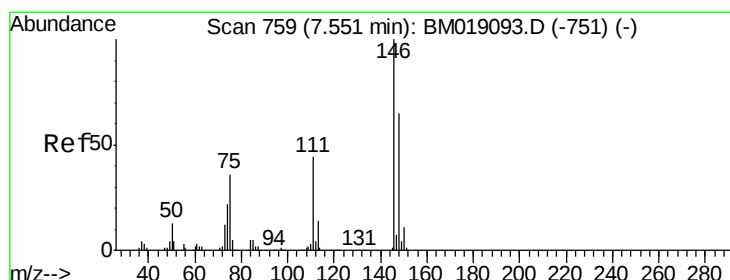
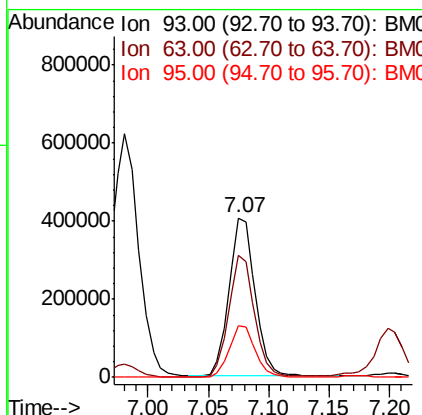
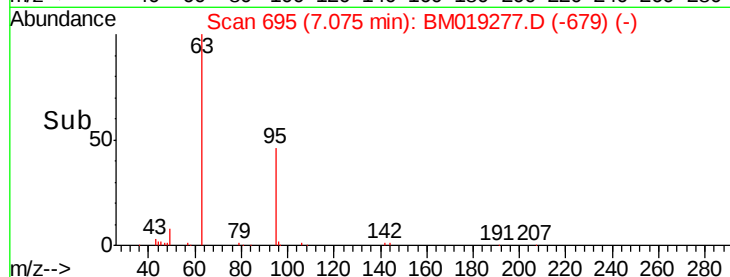
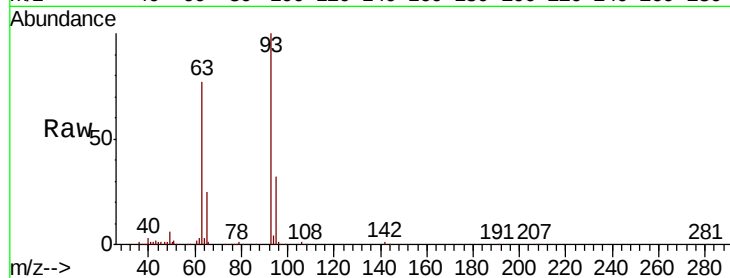
#11  
bis(2-Chloroethyl)ether  
Concen: 40.361 ng  
RT: 7.07 min Scan# 695  
Delta R.T. -0.01 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.9  | 54.6  | 94.6  |
| 95      | 32.0  | 12.6  | 52.6  |

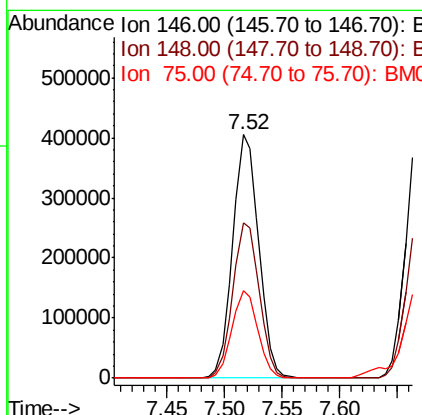
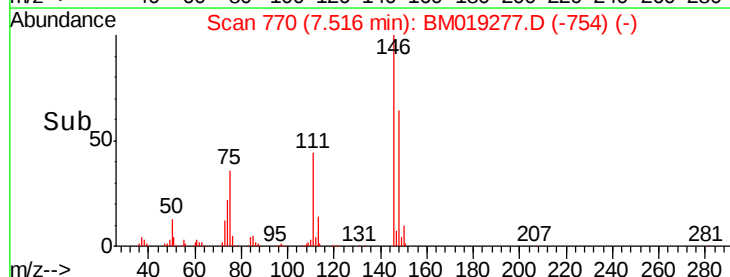
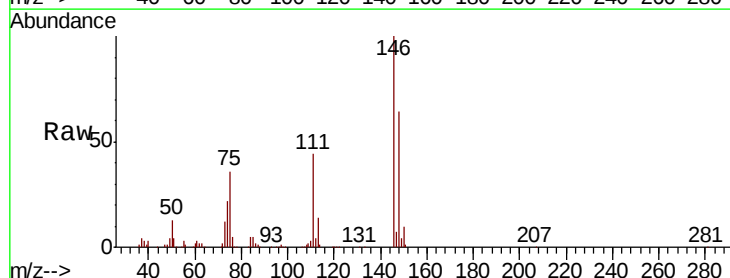
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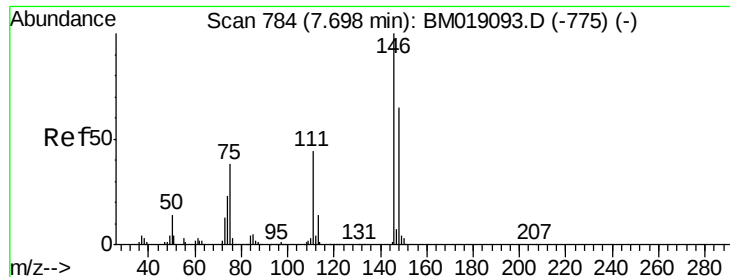
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#12  
1,3-Dichlorobenzene  
Concen: 39.848 ng  
RT: 7.52 min Scan# 770  
Delta R.T. -0.01 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.2  | 76.8  |
| 75      | 35.8  | 28.6  | 42.8  |





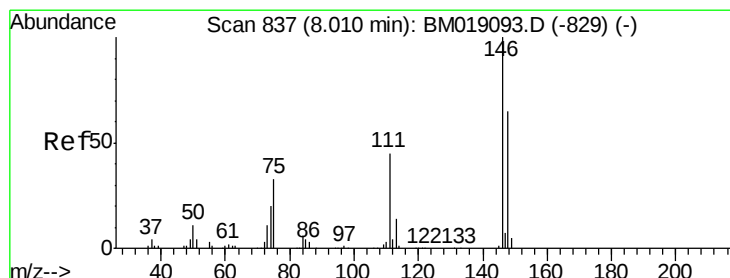
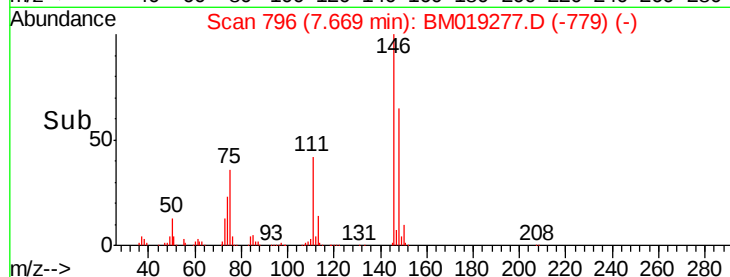
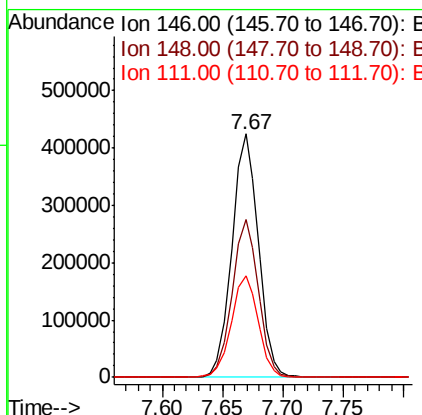
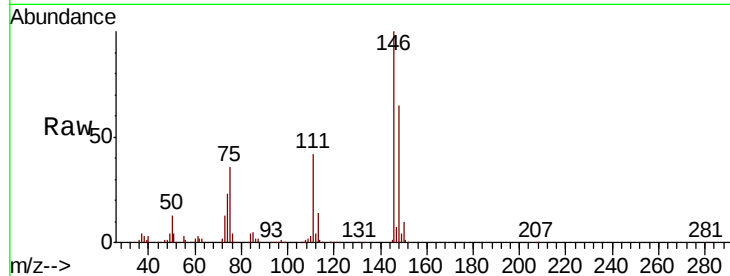
#13  
 1,4-Dichlorobenzene  
 Concen: 39.957 ng  
 RT: 7.67 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 52.2  | 78.4  |
| 111     | 41.6  | 34.4  | 51.6  |

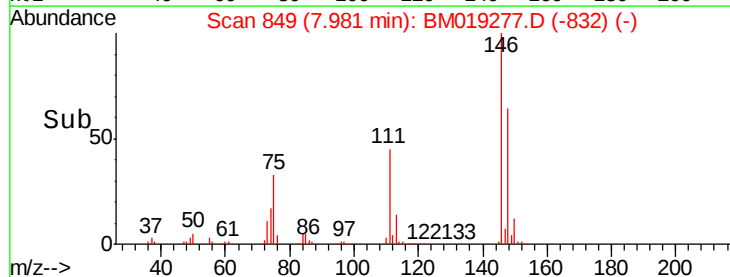
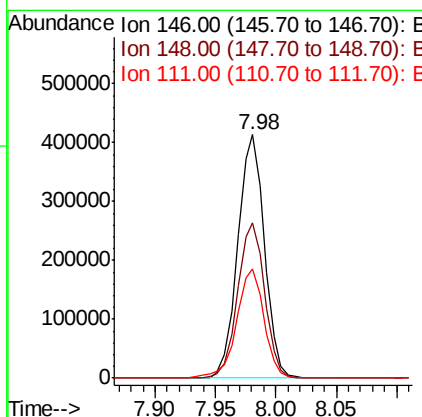
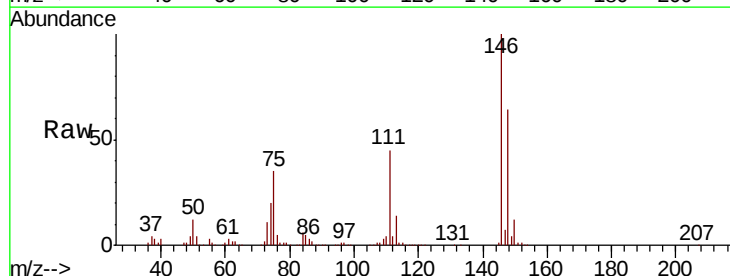
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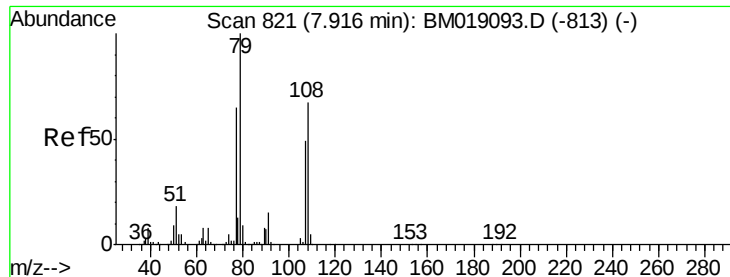
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.401 ng  
 RT: 7.98 min Scan# 849  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.5  | 77.3  |
| 111     | 44.7  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 41.582 ng

RT: 7.89 min Scan# 833

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

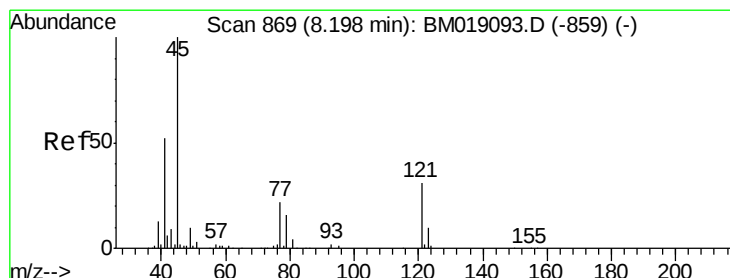
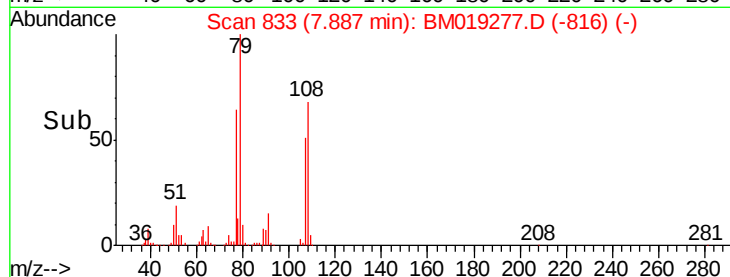
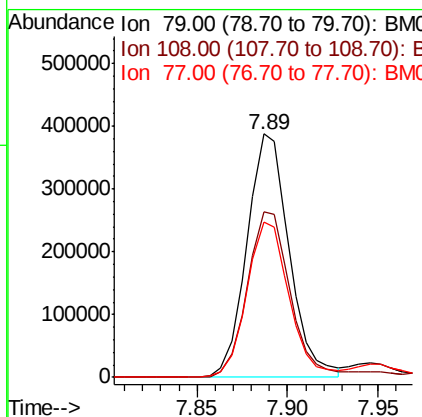
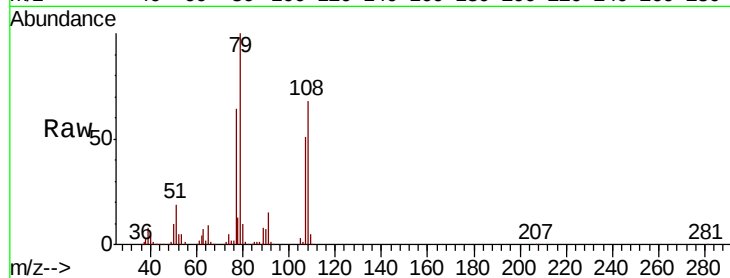
ClientSampleId :

PB118092BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 628971 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 68.0  | 53.4  | 80.2   |
| 77        | 63.8  | 51.1  | 76.7   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.841 ng

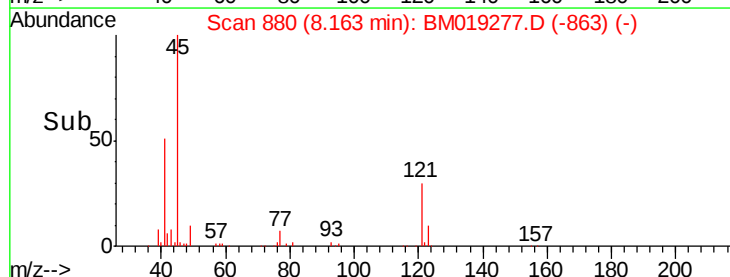
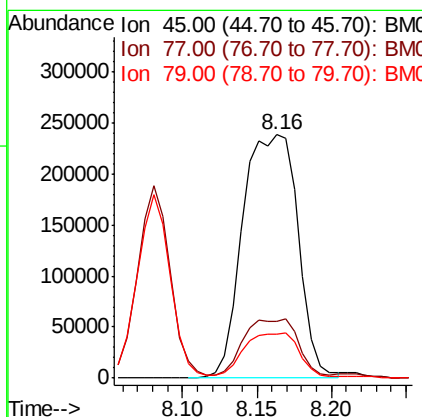
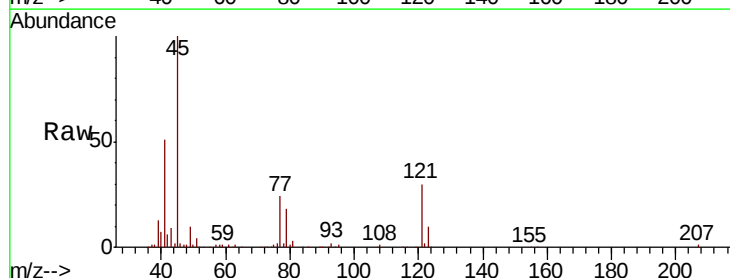
RT: 8.16 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 611416 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 23.5  | 3.0   | 43.0   |
| 79        | 18.0  | 0.0   | 38.0   |





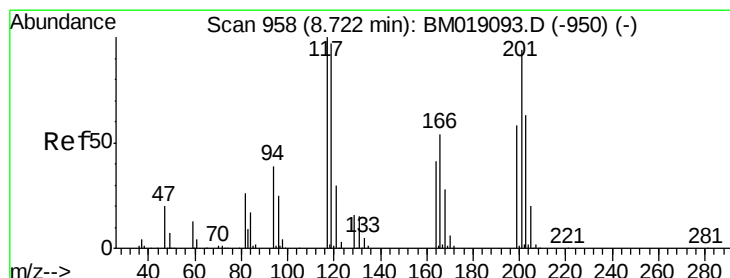
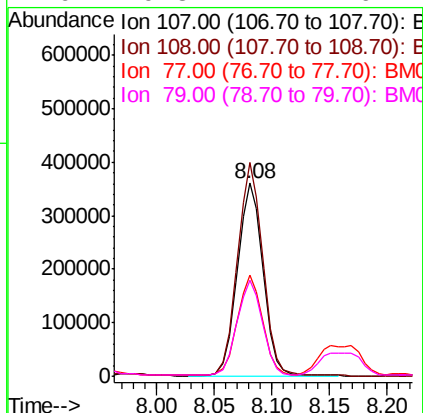
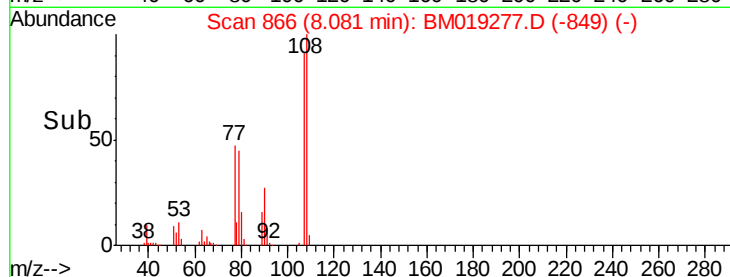
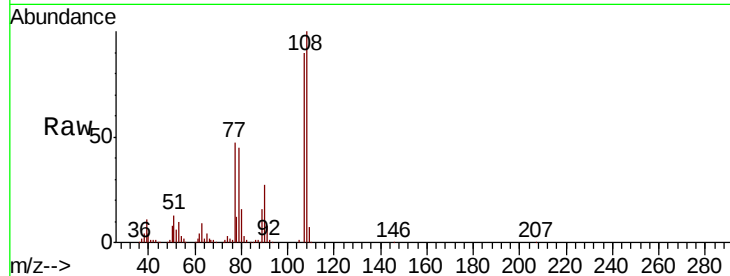
#17  
2-Methylphenol  
Concen: 42.930 ng  
RT: 8.08 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.6 | 88.0 | 132.0 |       |
| 77      | 52.4  | 42.1 | 63.1  |       |
| 79      | 49.8  | 41.1 | 61.7  |       |

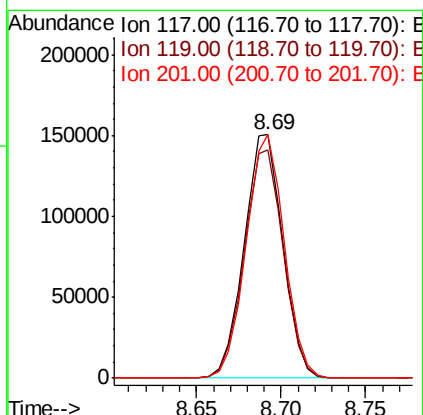
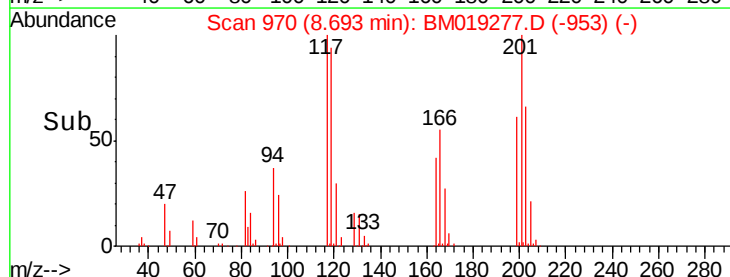
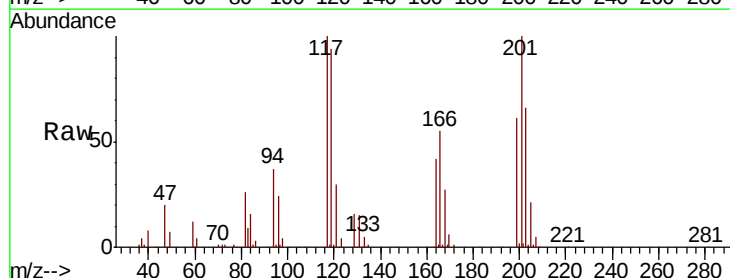
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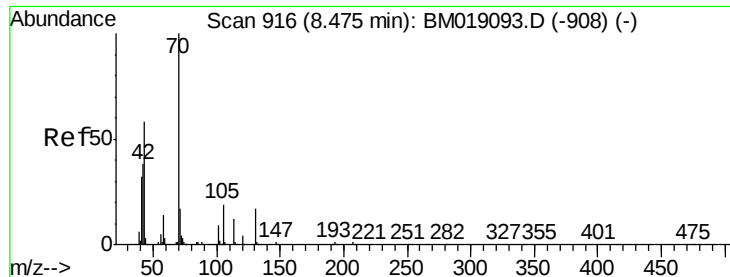
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#18  
Hexachloroethane  
Concen: 39.874 ng  
RT: 8.69 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.8  | 76.2 | 114.2 |       |
| 201     | 99.9  | 80.8 | 121.2 |       |





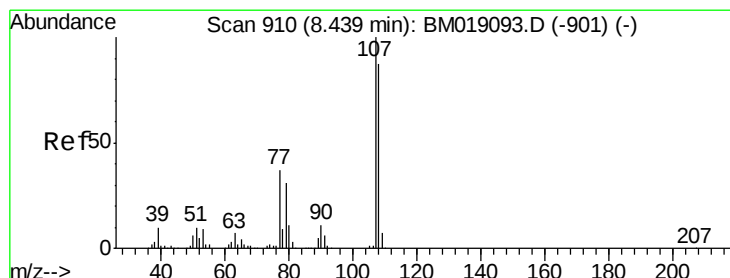
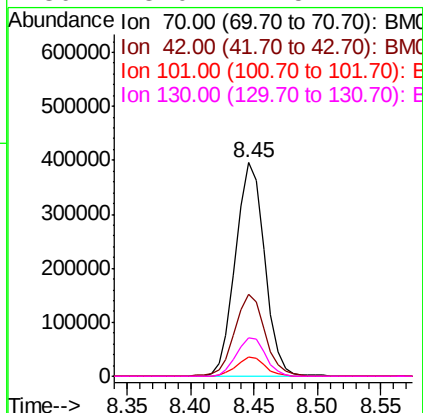
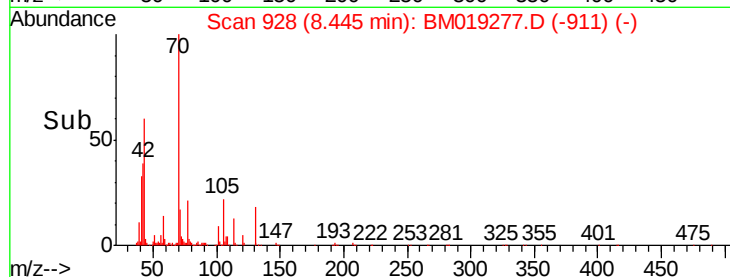
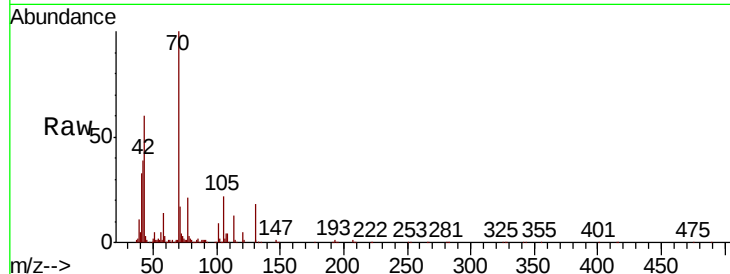
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.168 ng  
RT: 8.45 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 38.6 | 30.0  | 45.0  |       |
| 101     | 8.8  | 7.0   | 10.6  |       |
| 130     | 18.0 | 14.5  | 21.7  |       |

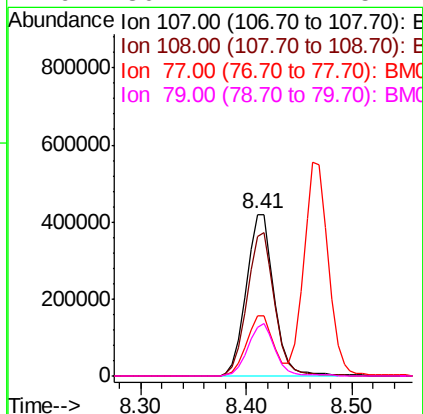
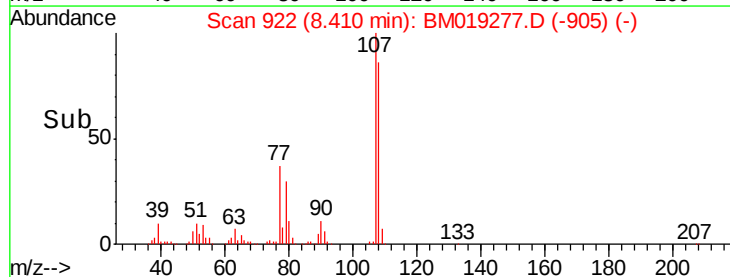
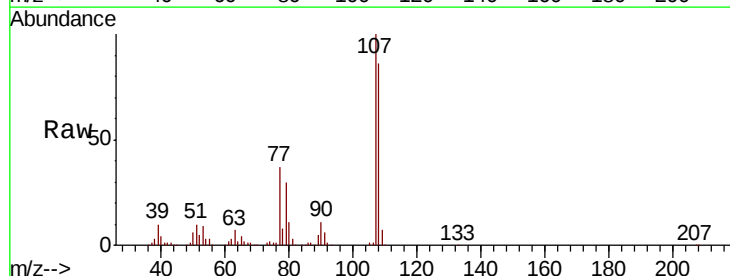
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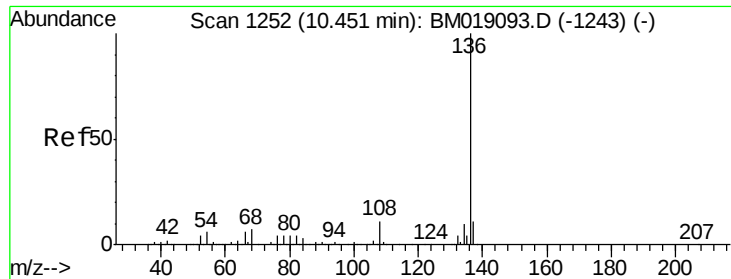
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#20  
3+4-Methylphenols  
Concen: 44.221 ng  
RT: 8.41 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.3 | 67.0  | 107.0 |       |
| 77      | 36.9 | 16.8  | 56.8  |       |
| 79      | 30.2 | 11.2  | 51.2  |       |





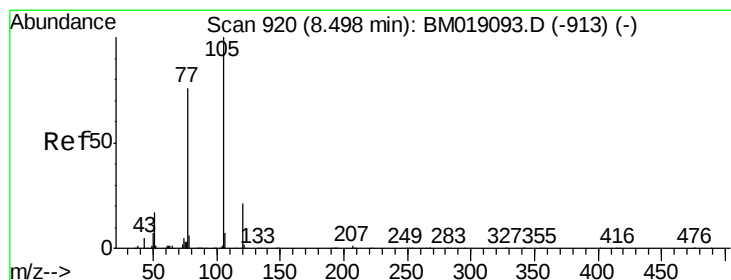
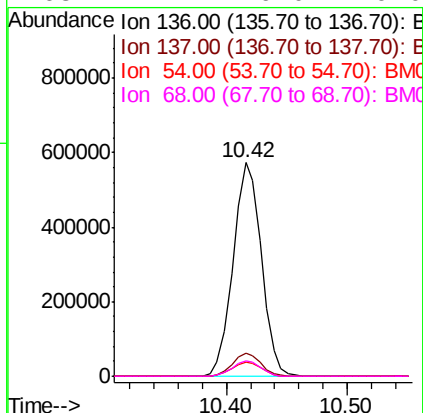
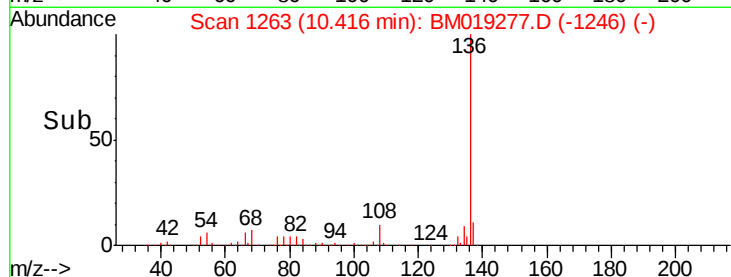
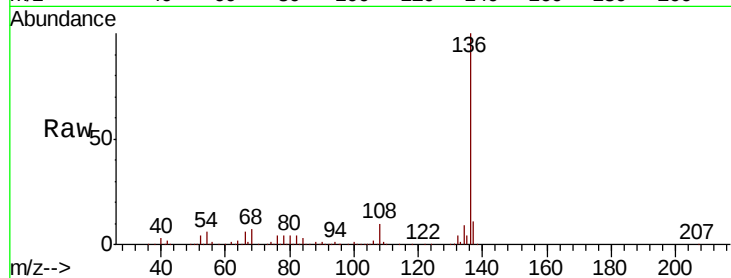
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.42 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 934257 |       |       |
| 137     | 11.1  | 8.6    | 12.8  |       |
| 54      | 6.5   | 5.5    | 8.3   |       |
| 68      | 7.4   | 6.0    | 9.0   |       |

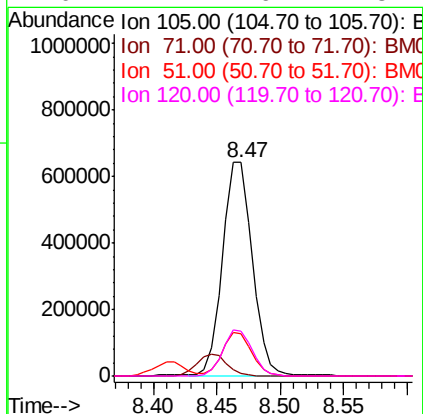
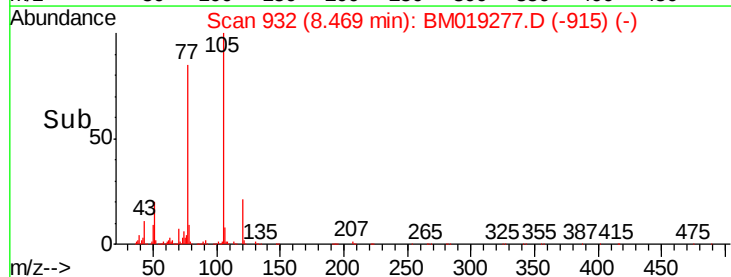
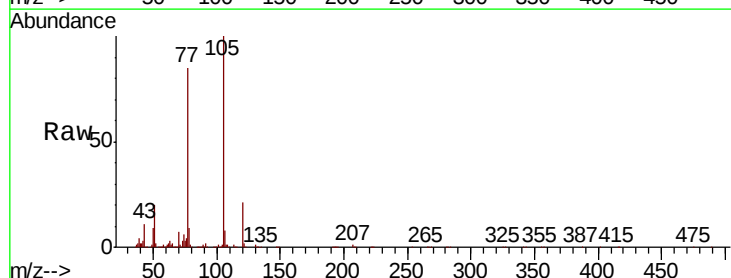
Manual Integrations  
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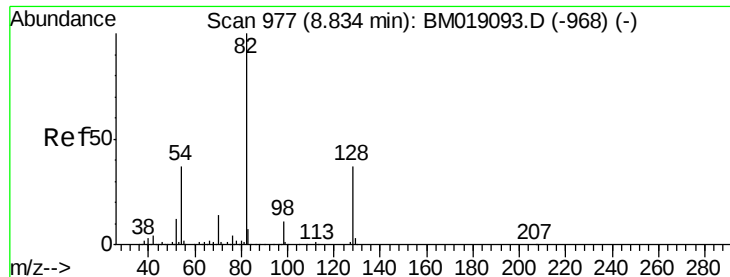
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#22  
Acetophenone  
Concen: 40.248 ng  
RT: 8.47 min Scan# 932  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1039150 |       |       |
| 71      | 1.2   | 0.9     | 1.3   |       |
| 51      | 19.6  | 15.9    | 23.9  |       |
| 120     | 21.2  | 16.7    | 25.1  |       |





#23

Nitrobenzene-d5

Concen: 80.513 ng

RT: 8.80 min Scan# 989

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion: 82 Resp: 1591285

Ion Ratio Lower Upper

82 100

128 38.1 30.2 45.4

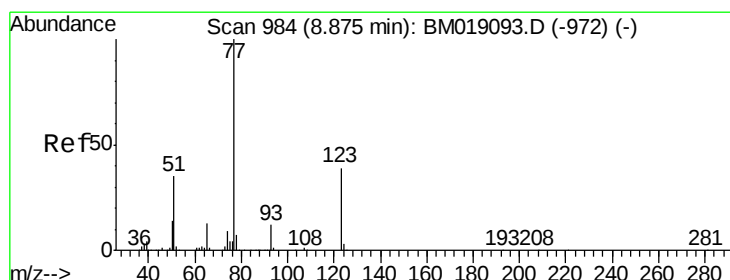
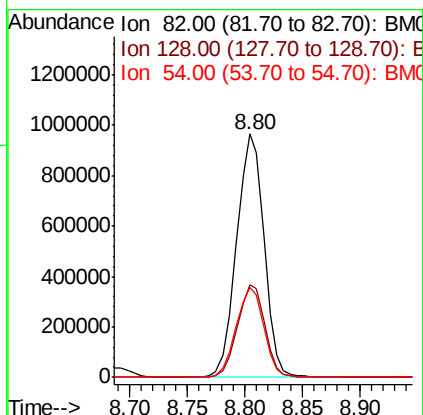
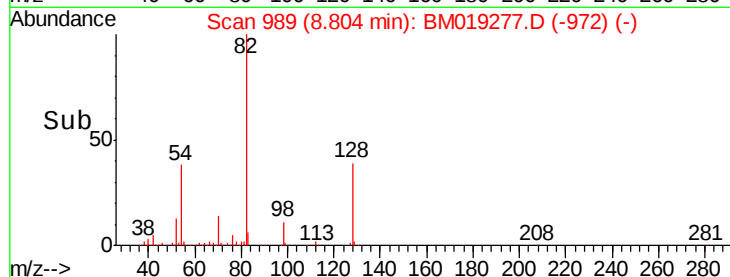
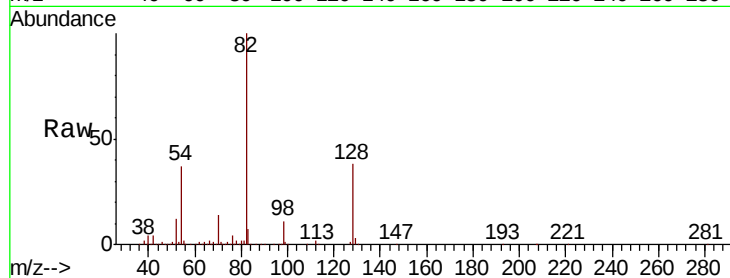
54 37.2 30.2 45.2

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#24

Nitrobenzene

Concen: 41.284 ng

RT: 8.85 min Scan# 996

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

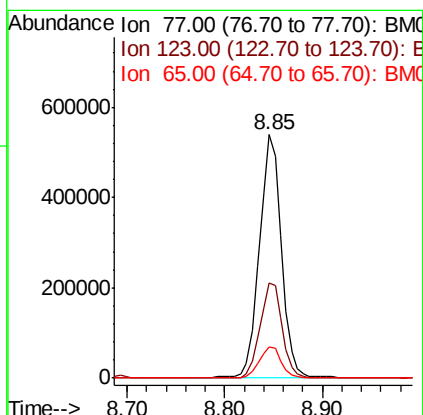
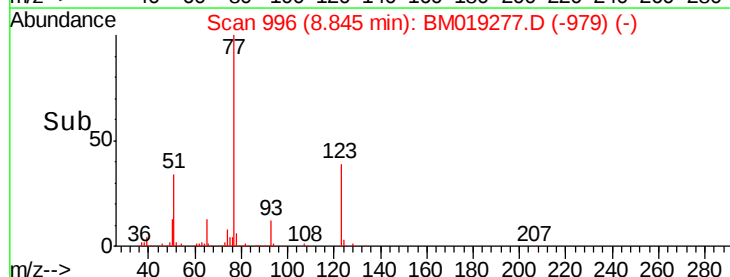
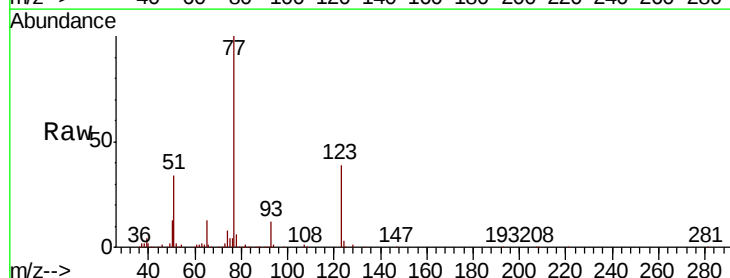
Tgt Ion: 77 Resp: 848596

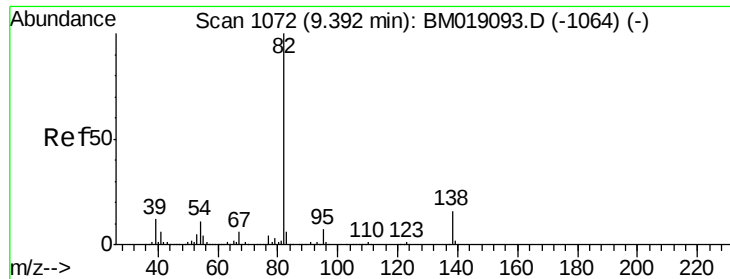
Ion Ratio Lower Upper

77 100

123 39.1 31.4 47.0

65 13.0 10.2 15.4





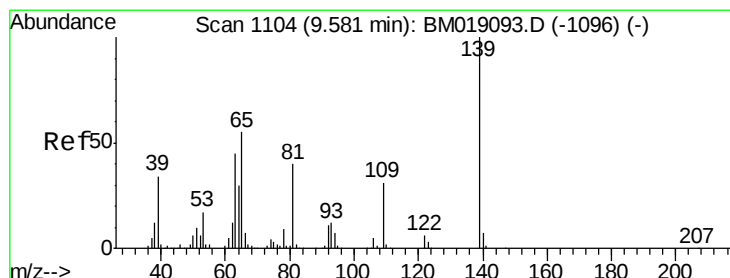
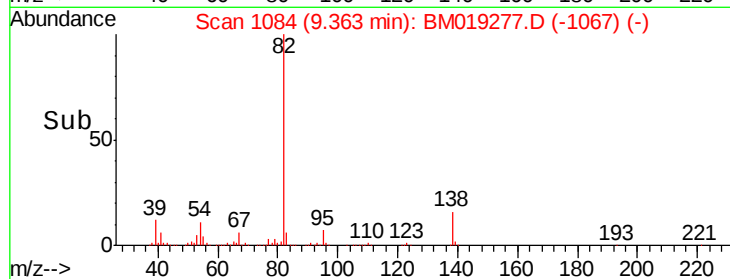
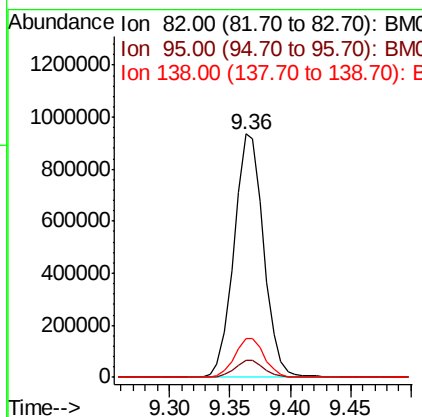
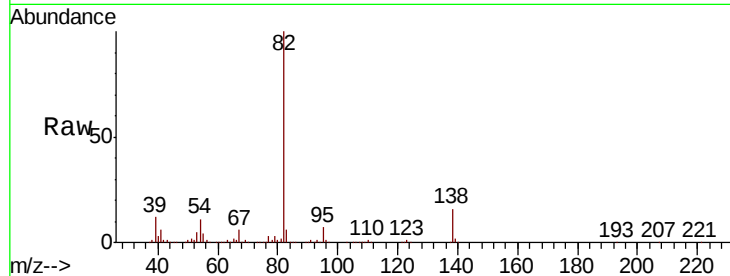
#25  
Isophorone  
Concen: 42.433 ng  
RT: 9.36 min Scan# 1084  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | 82    | Resp  | 1600303 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 82      | 100   |       |         |
| 95      | 7.0   | 5.4   | 8.0     |
| 138     | 15.9  | 12.2  | 18.4    |

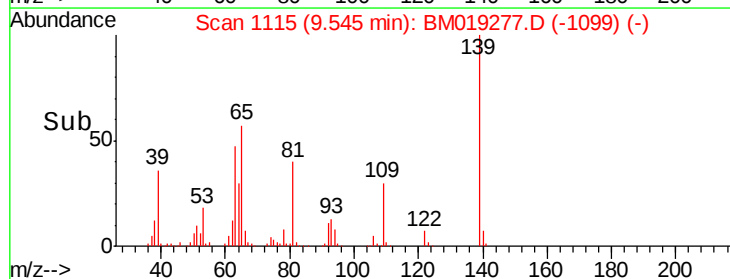
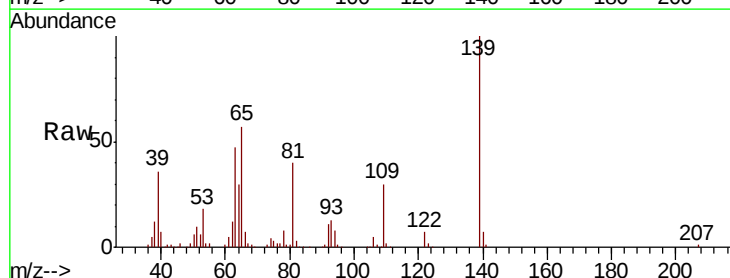
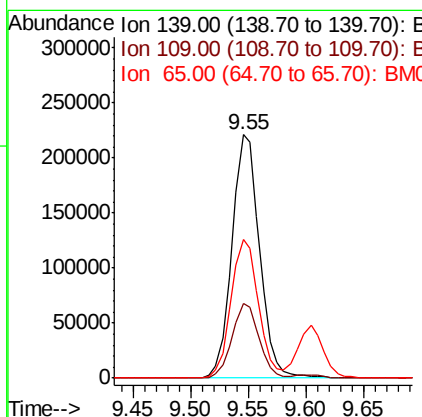
Manual Integrations  
APPROVED

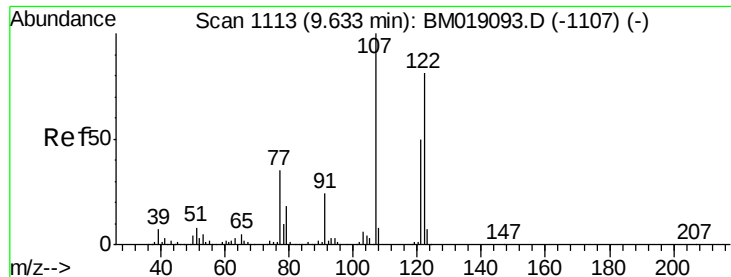
Sohil  
3/22/2019 6:04:55 PM



#26  
2-Nitrophenol  
Concen: 43.013 ng  
RT: 9.55 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | 139   | Resp  | 366478 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 139     | 100   |       |        |
| 109     | 30.4  | 23.8  | 35.8   |
| 65      | 57.0  | 43.3  | 64.9   |





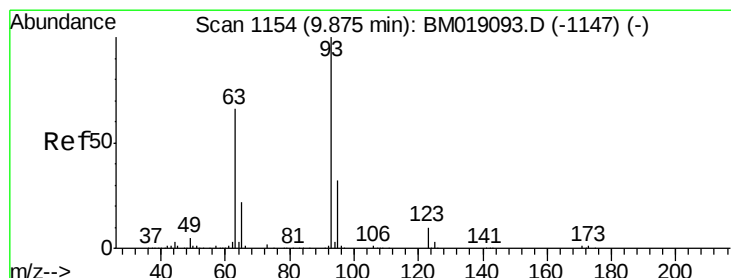
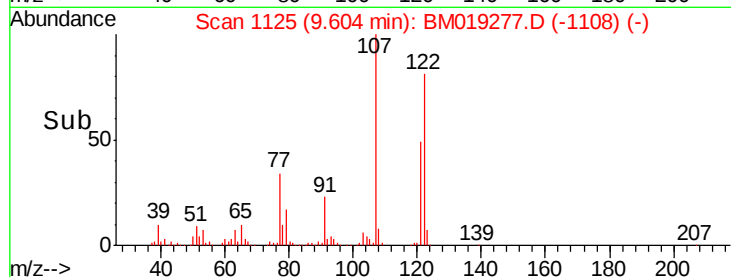
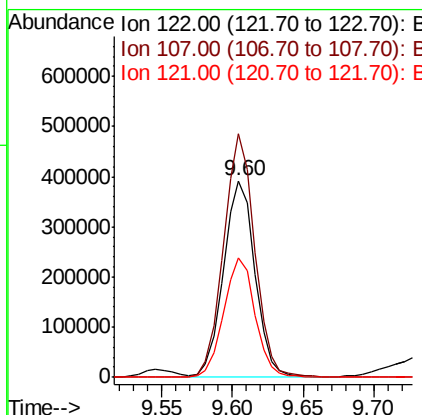
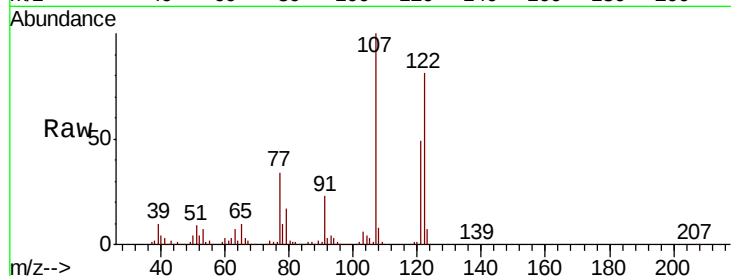
#27  
2,4-Dimethylphenol  
Concen: 47.624 ng  
RT: 9.60 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 123.9 | 96.4  | 144.6 |
| 121     | 60.5  | 47.6  | 71.4  |

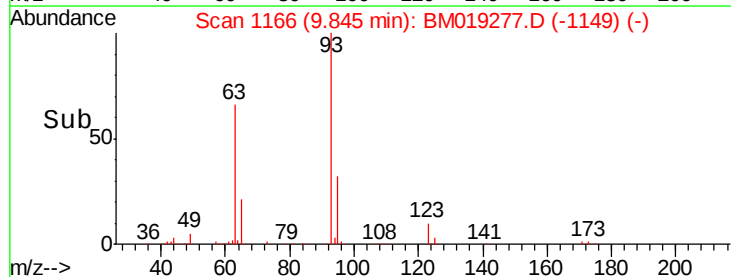
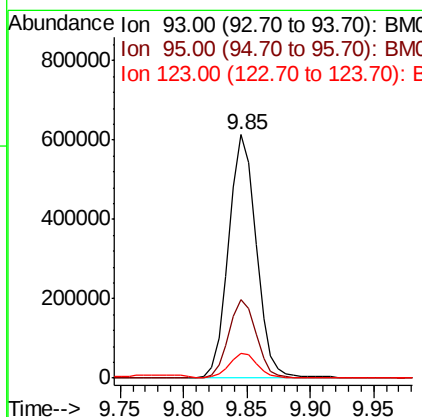
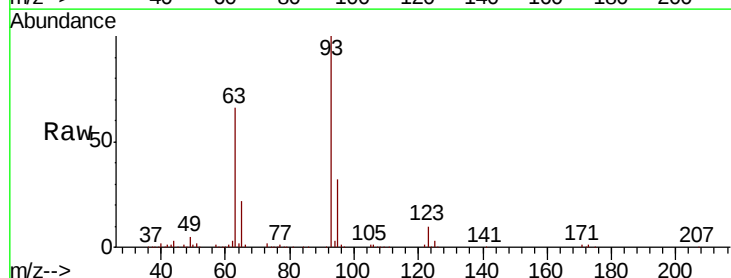
Manual Integrations  
APPROVED

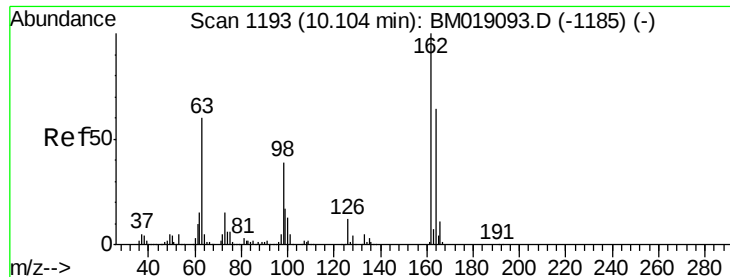
Sohil  
3/22/2019 6:04:55 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.396 ng  
RT: 9.85 min Scan# 1166  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 24.7  | 37.1  |
| 123     | 10.3  | 8.6   | 12.8  |





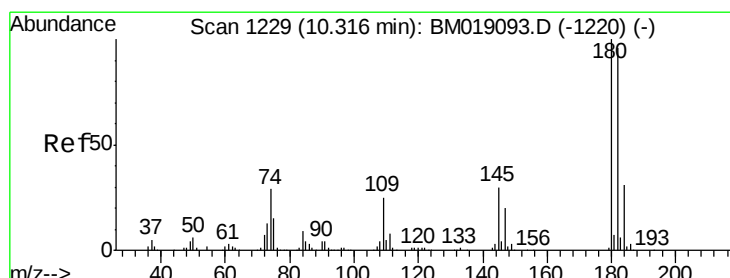
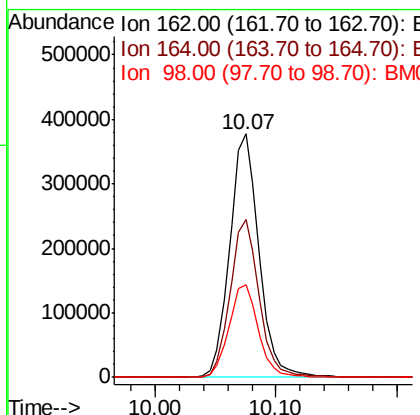
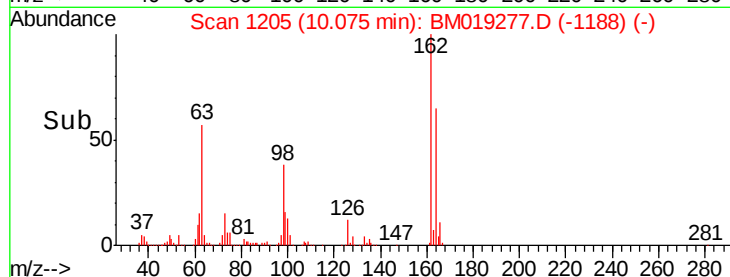
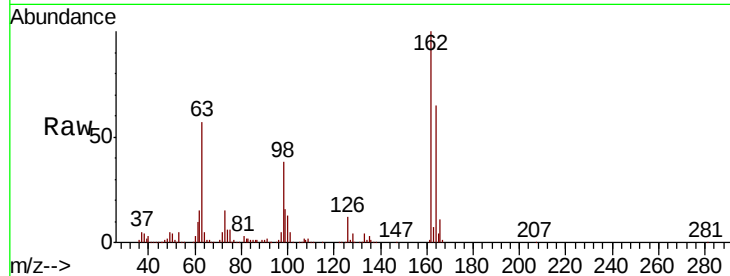
#29  
 2,4-Dichlorophenol  
 Concen: 45.436 ng  
 RT: 10.07 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 637403 |       |       |
| 164     | 64.9 | 45.6  |        | 85.6  |       |
| 98      | 38.1 | 18.0  |        | 58.0  |       |

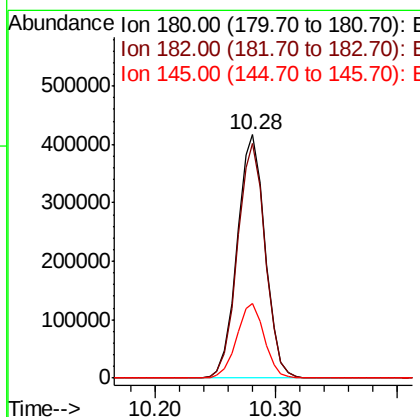
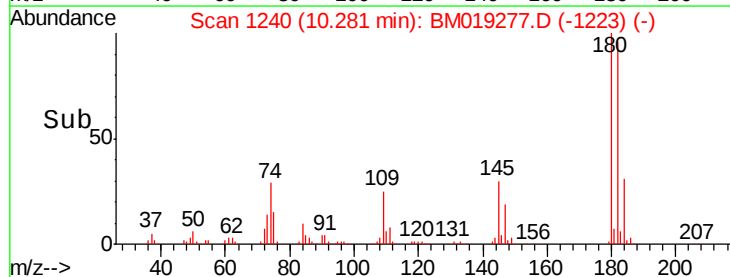
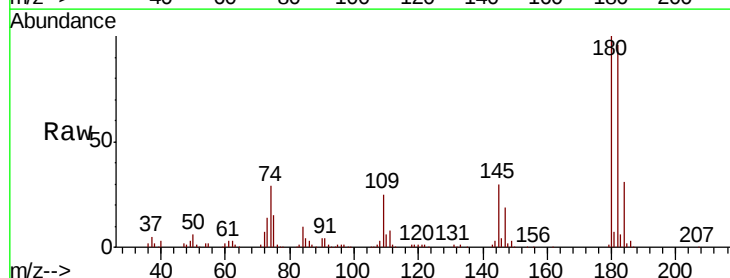
Manual Integrations  
 APPROVED

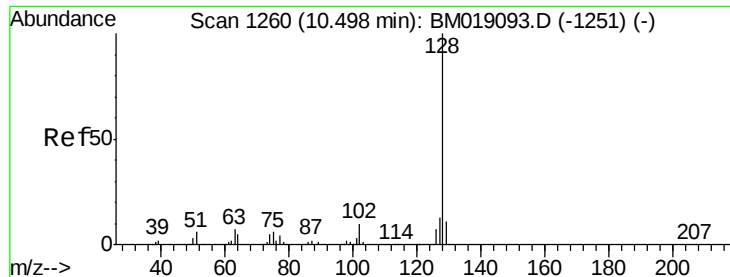
Sohil  
 3/22/2019 6:04:55 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.514 ng  
 RT: 10.28 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 672512 |       |       |
| 182     | 96.2 | 77.9  |        | 116.9 |       |
| 145     | 30.5 | 24.7  |        | 37.1  |       |





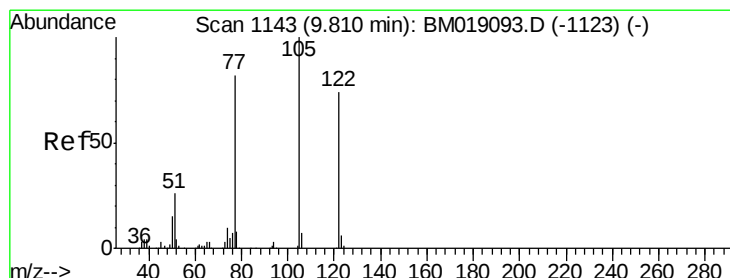
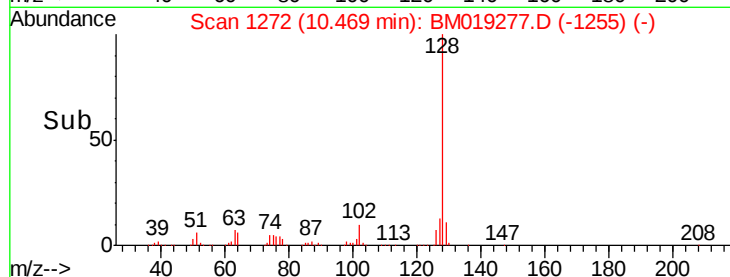
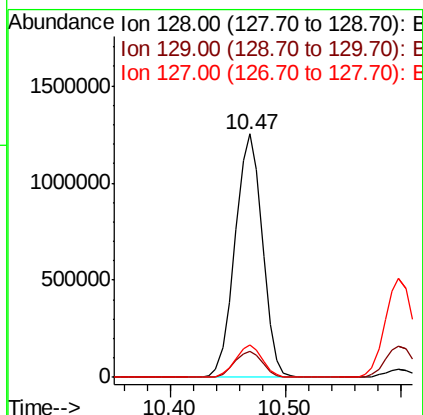
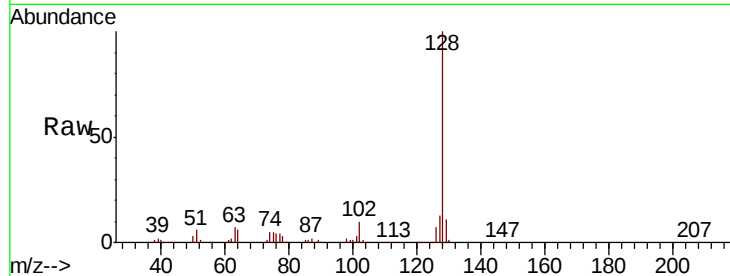
#31  
Naphthalene  
Concen: 41.609 ng  
RT: 10.47 min Scan# 1272  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.7   | 13.1  |
| 127     | 13.2  | 10.3  | 15.5  |

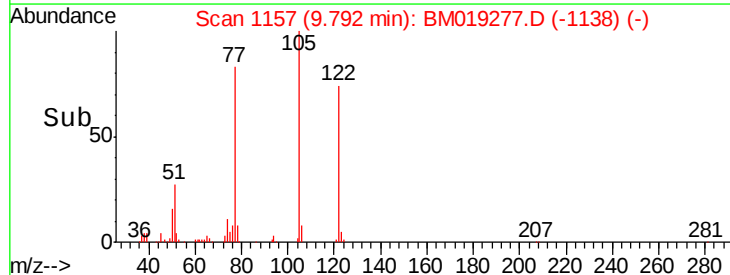
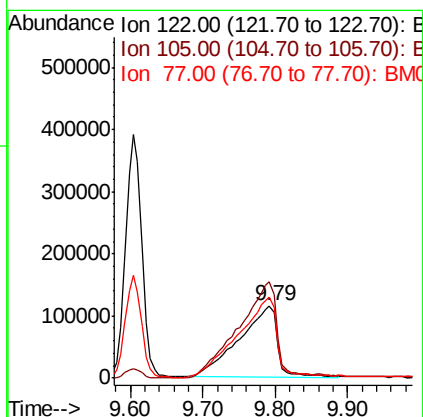
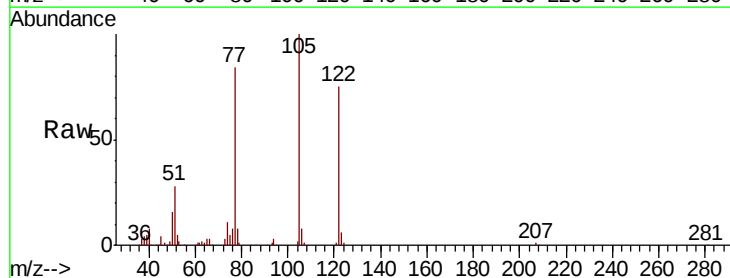
Manual Integrations  
APPROVED

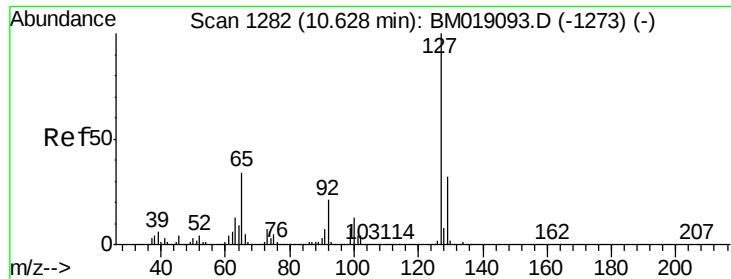
Sohil  
3/22/2019 6:04:55 PM



#32  
Benzoic acid  
Concen: 39.953 ng m  
RT: 9.79 min Scan# 1157  
Delta R.T. 0.01 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 133.0 | 115.6 | 155.6 |
| 77      | 112.0 | 93.8  | 133.8 |





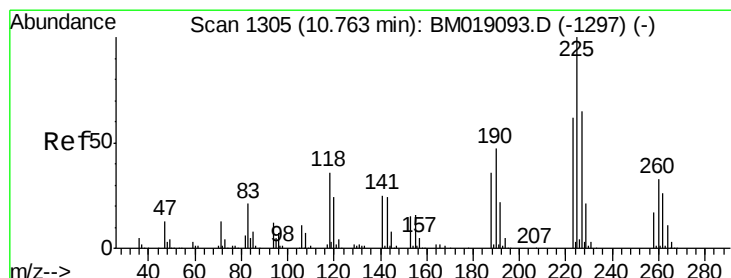
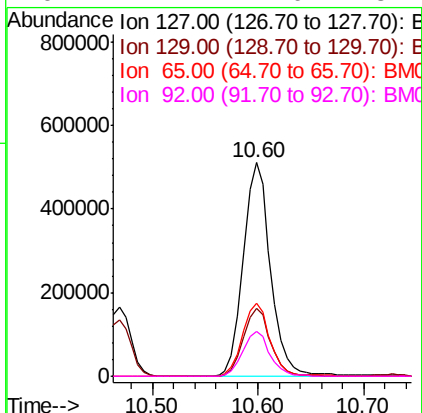
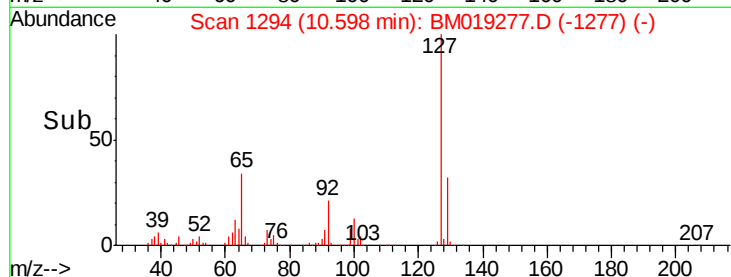
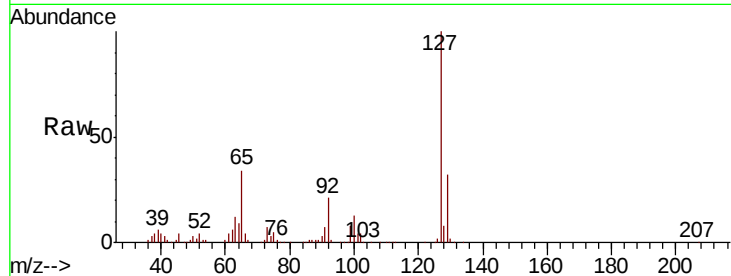
#33  
4-Chloroaniline  
Concen: 45.335 ng  
RT: 10.60 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.9 | 25.9  | 38.9 |       |       |
| 65      | 34.2 | 27.5  | 41.3 |       |       |
| 92      | 21.1 | 17.0  | 25.4 |       |       |

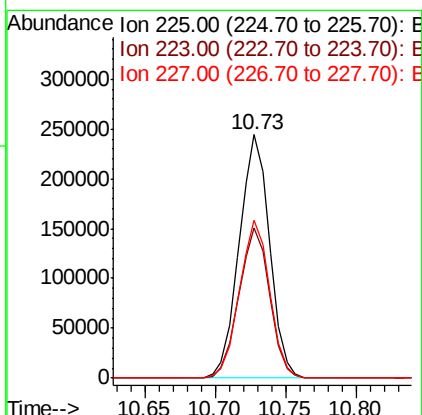
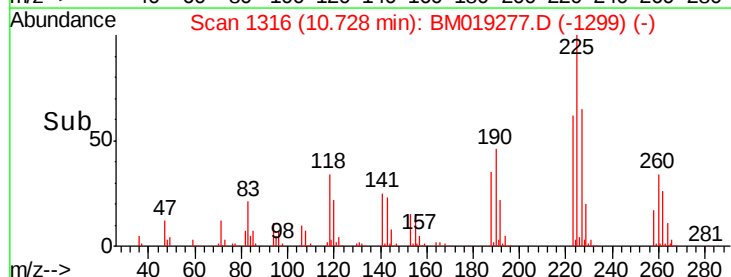
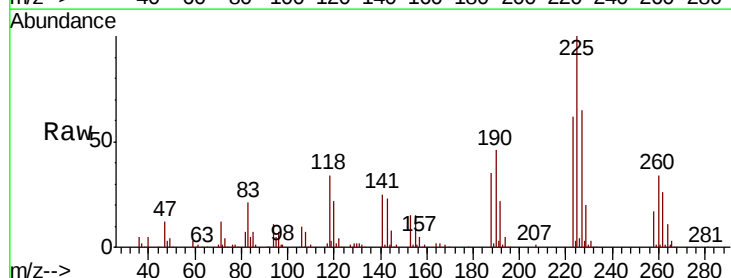
Manual Integrations  
APPROVED

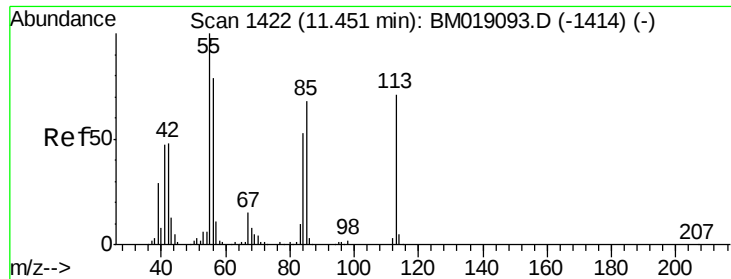
Sohil  
3/22/2019 6:04:55 PM



#34  
Hexachlorobutadiene  
Concen: 40.477 ng  
RT: 10.73 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.9 | 51.0  | 76.4 |       |       |
| 227     | 64.8 | 51.0  | 76.6 |       |       |





#35

Caprolactam

Concen: 44.021 ng/mL

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion: 113 Resp: 219986

Ion Ratio Lower Upper

113 100

55 140.2 120.1 160.1

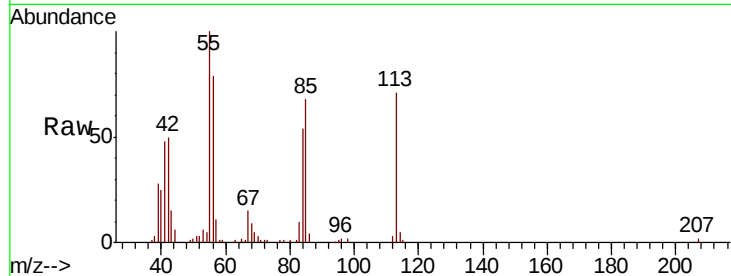
56 111.4 91.6 131.6

Manual Integrations

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Sohil

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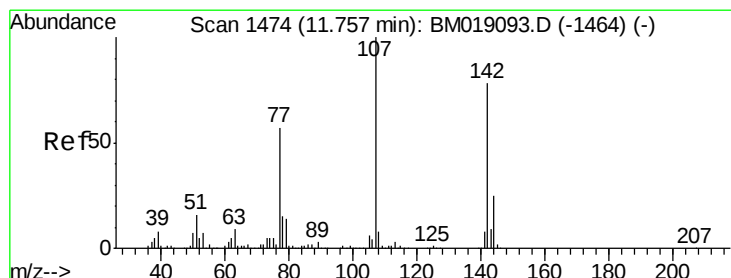
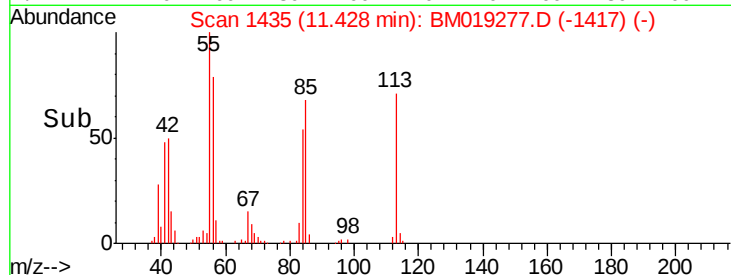
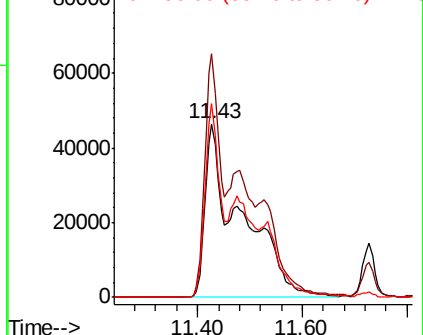


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM019093.D (-1414) (-)

Ion 56.00 (55.70 to 56.70): BM019093.D (-1414) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.986 ng/mL

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

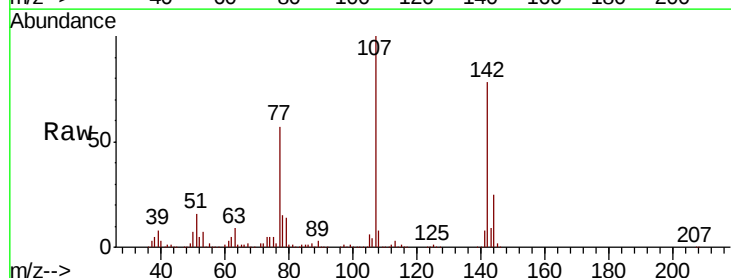
Tgt Ion: 107 Resp: 761379

Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

142 78.0 62.1 93.1

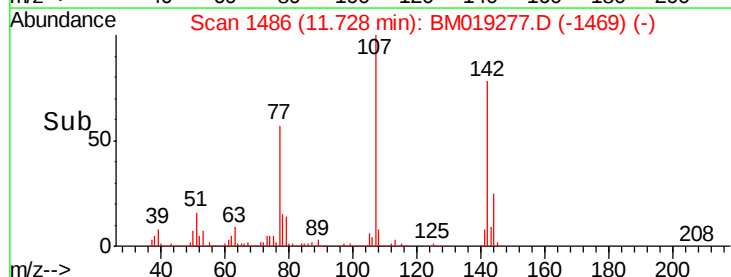
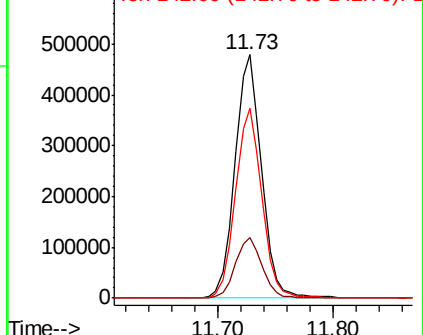


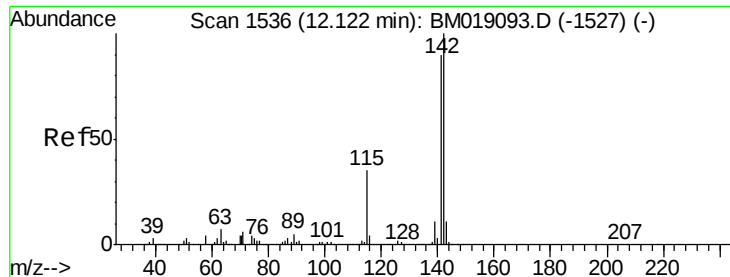
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





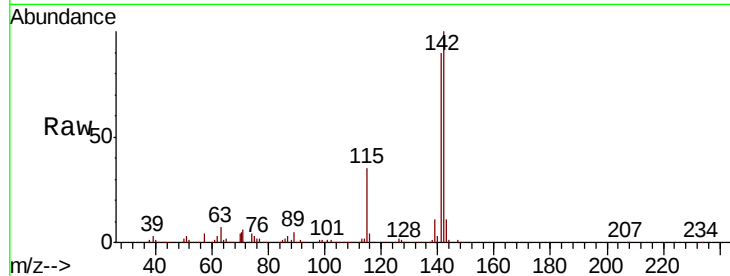
#37  
 2-Methylnaphthalene  
 Concen: 43.781 ng  
 RT: 12.09 min Scan# 1547  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 71.9  | 107.9 |
| 115     | 35.4  | 27.7  | 41.5  |

Manual Integrations  
 APPROVED

Sohil  
 3/22/2019 6:04:55 PM

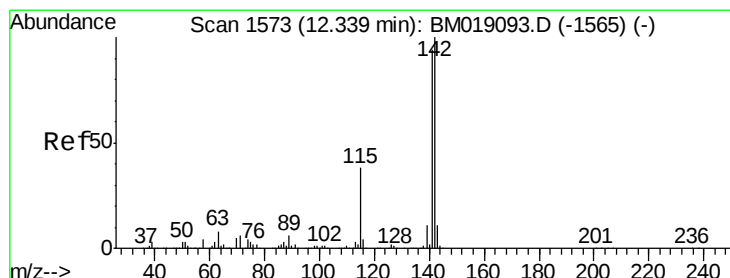
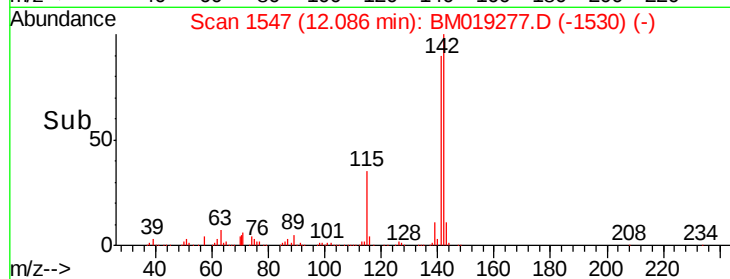
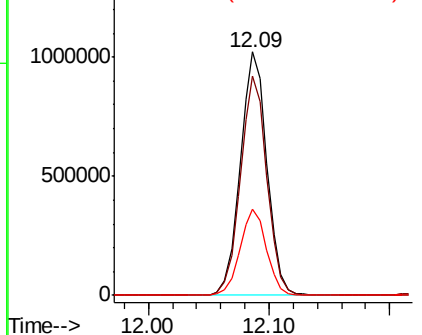


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 1-Methylnaphthalene  
 Concen: 42.643 ng  
 RT: 12.31 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

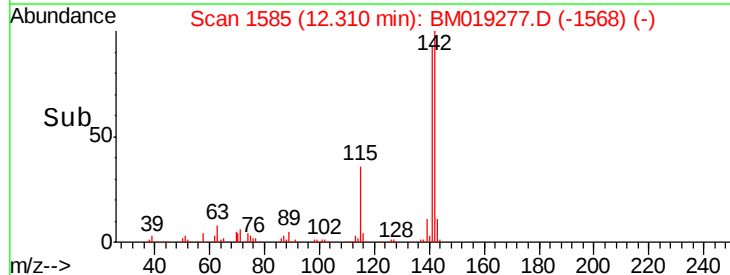
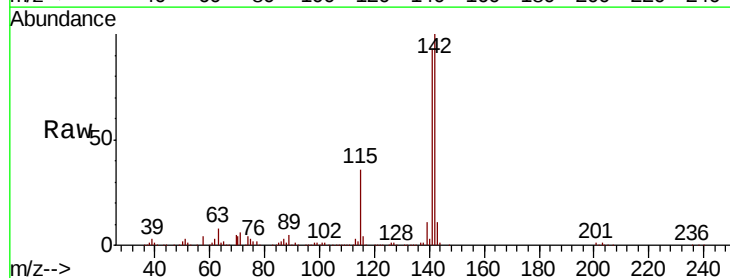
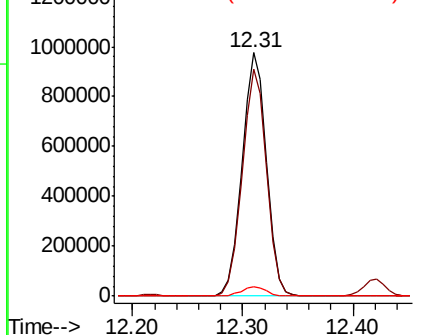
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.4  | 75.2  | 112.8 |
| 116     | 3.9   | 3.0   | 4.6   |

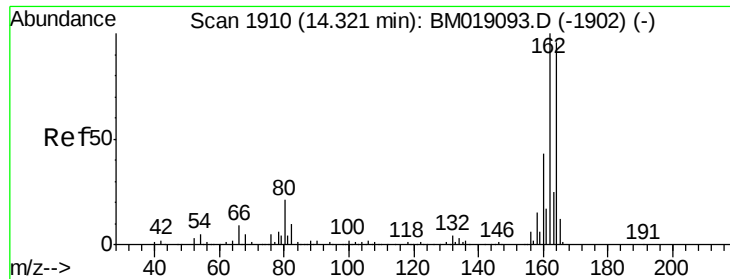
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





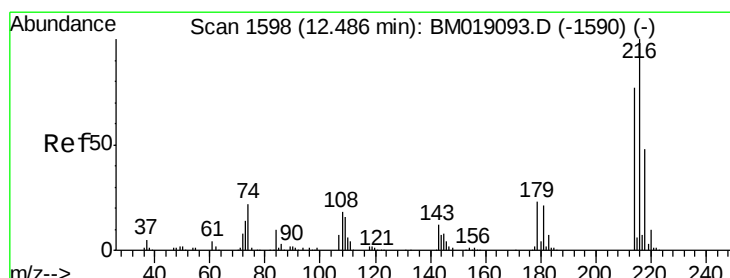
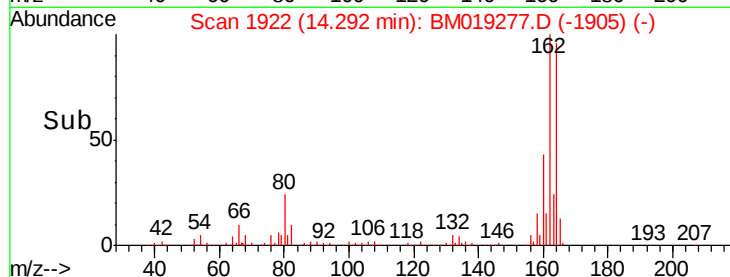
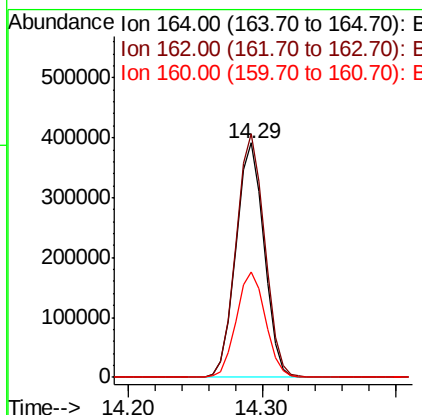
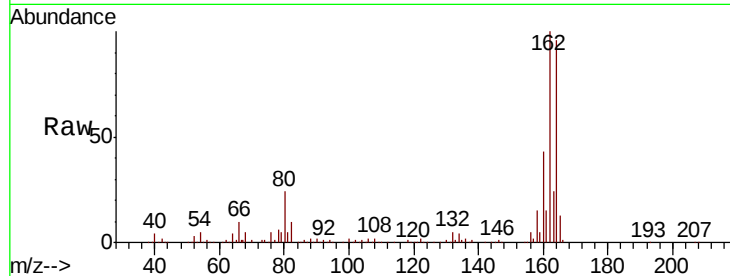
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.29 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.0 | 84.1  | 126.1 |
| 160     | 45.0  | 36.5  | 54.7  |

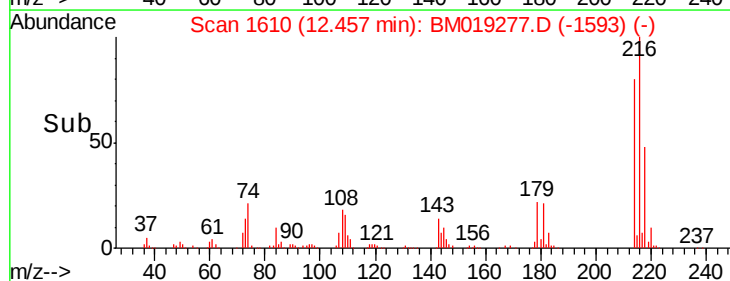
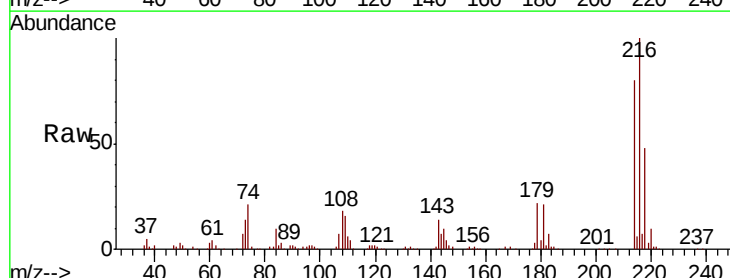
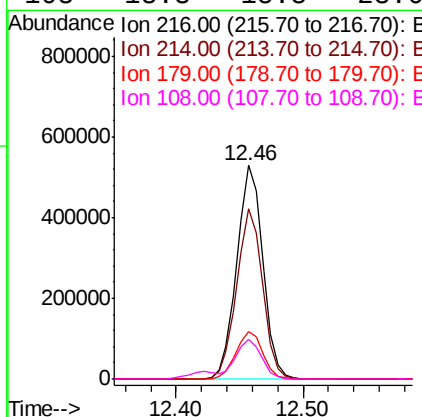
Manual Integrations  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.616 ng  
RT: 12.46 min Scan# 1610  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 62.7  | 94.1  |
| 179     | 22.7  | 18.0  | 27.0  |
| 108     | 18.3  | 15.8  | 23.6  |





#41

Hexachlorocyclopentadiene

Concen: 95.487 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

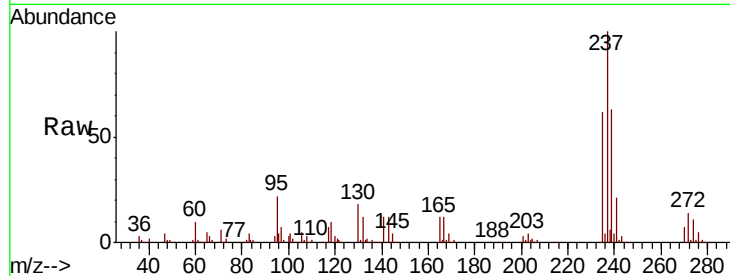
ClientSampleId :

PB118092BSD

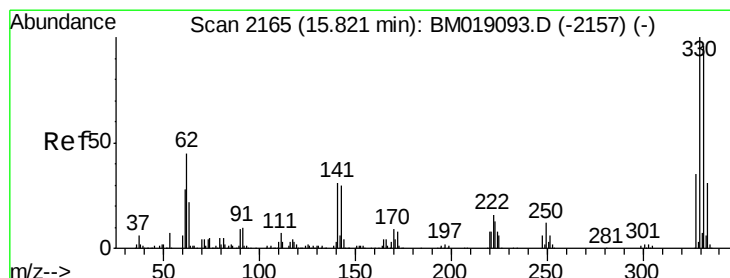
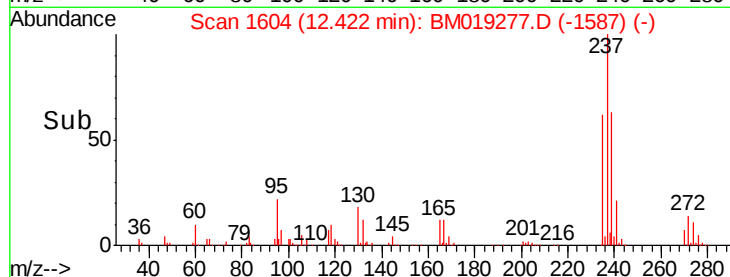
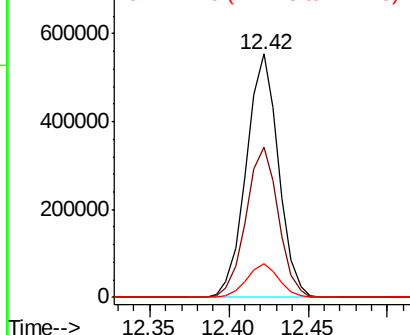
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 782205 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.9  | 42.8  | 82.8   |
| 272       | 13.6  | 0.0   | 33.3   |

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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: 84.970 ng

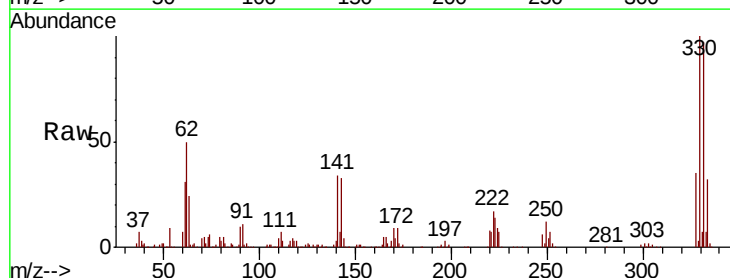
RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

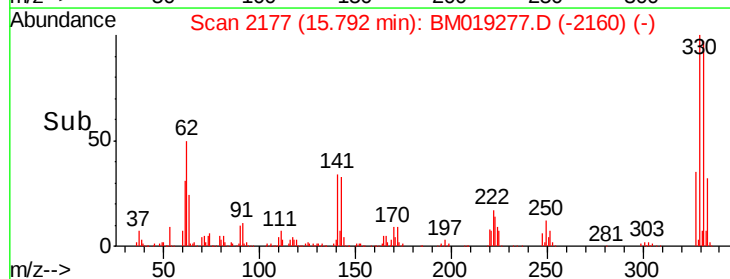
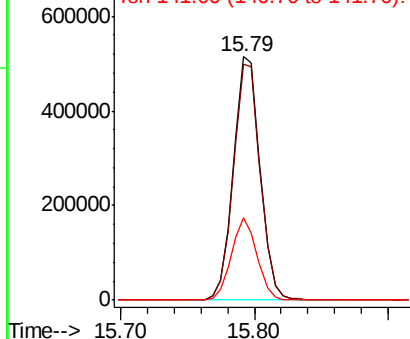
Lab File: BM019277.D

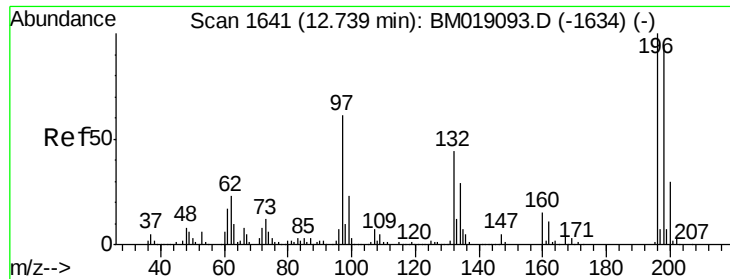
Acq: 21 Mar 2019 00:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 717250 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.2  | 77.6  | 116.4  |
| 141       | 32.5  | 25.7  | 38.5   |



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





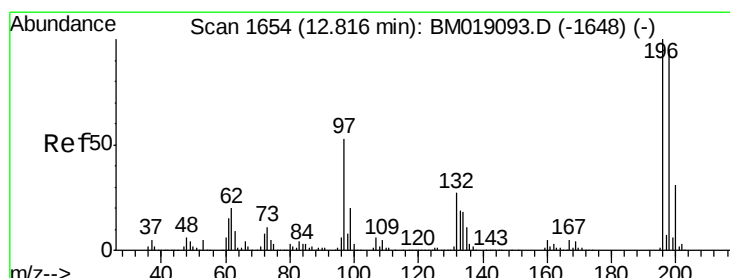
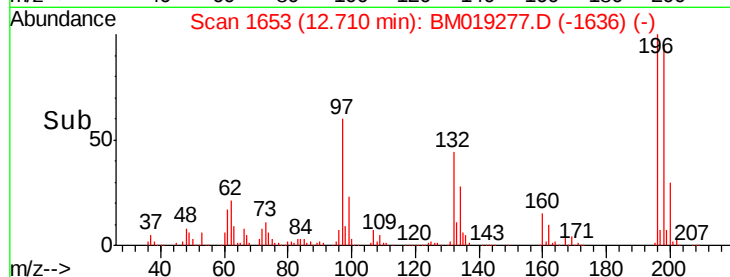
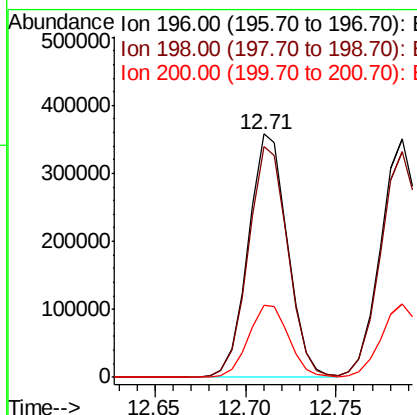
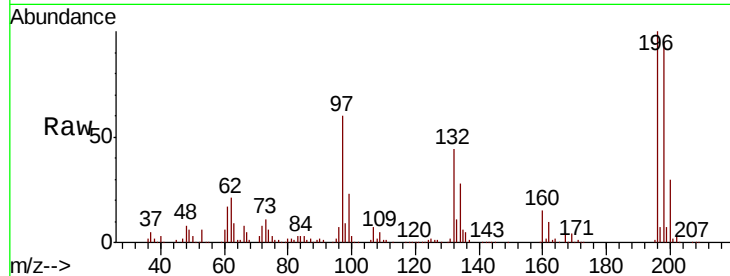
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.958 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 537121 |       |       |
| 198     | 94.7  | 76.2   | 114.2 |       |
| 200     | 29.5  | 23.7   | 35.5  |       |

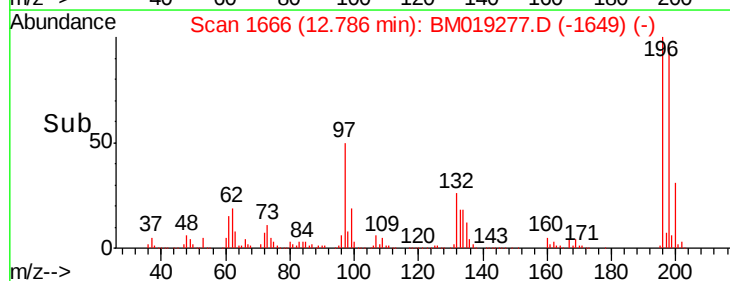
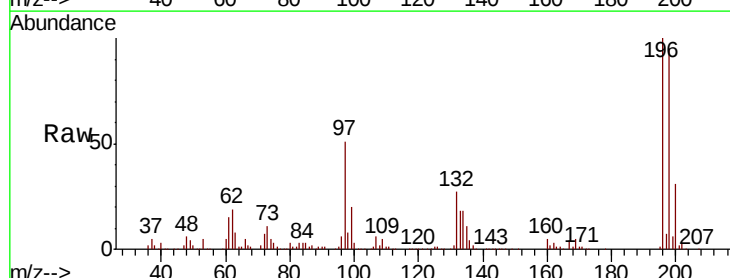
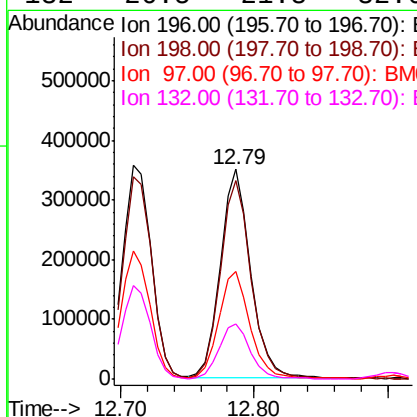
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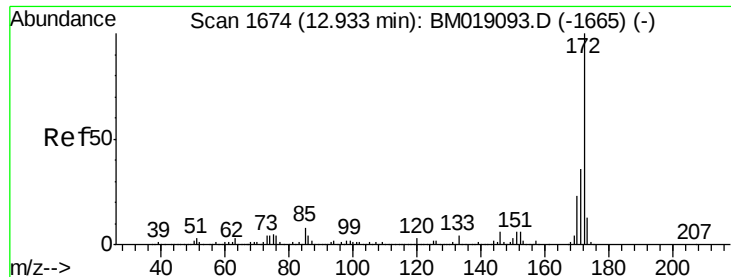
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#44  
 2,4,5-Trichlorophenol  
 Concen: 44.428 ng  
 RT: 12.79 min Scan# 1666  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 555243 |       |       |
| 198     | 94.5  | 76.3   | 114.5 |       |
| 97      | 51.1  | 41.5   | 62.3  |       |
| 132     | 26.5  | 21.8   | 32.6  |       |





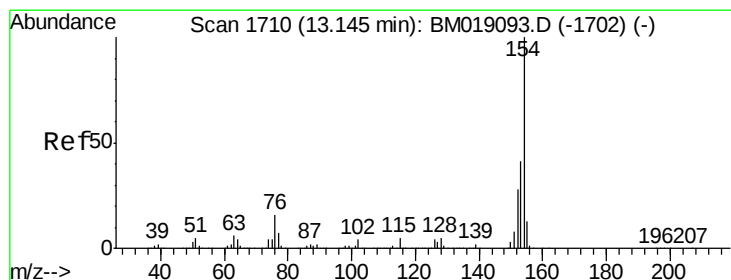
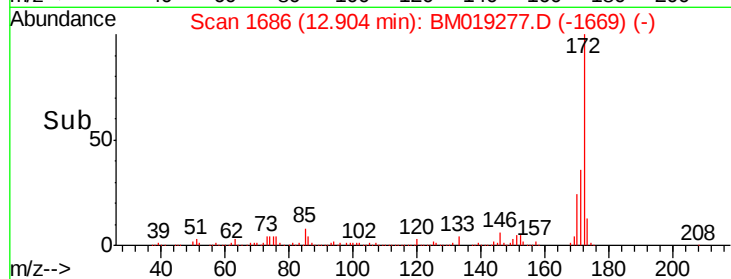
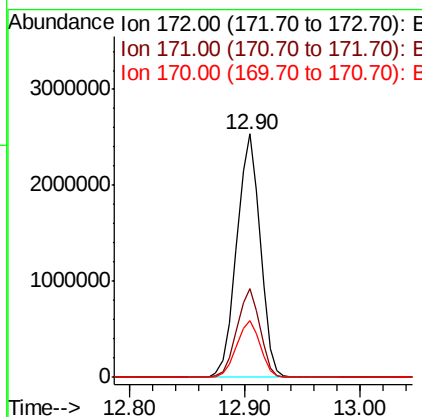
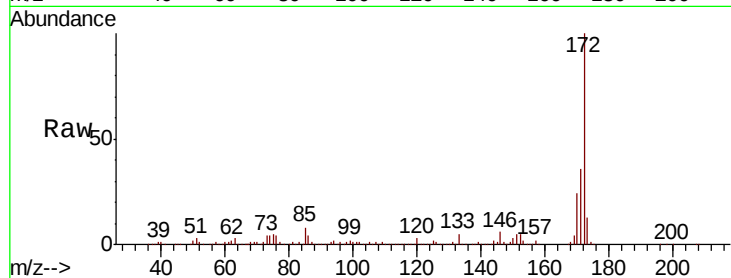
#45  
2-Fluorobiphenyl  
Concen: 81.093 ng  
RT: 12.90 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.0  | 43.4  |
| 170     | 23.5  | 18.9  | 28.3  |

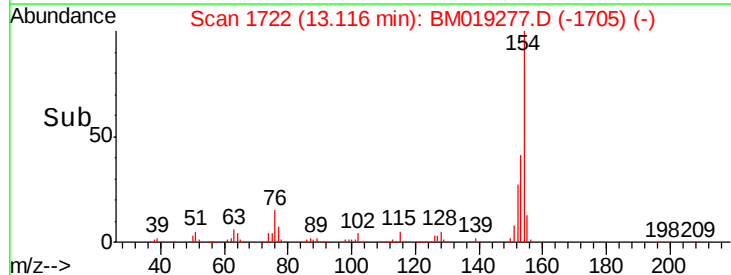
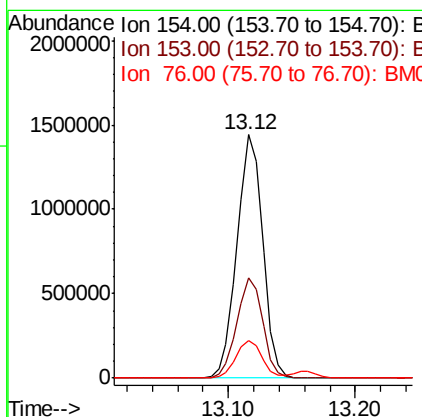
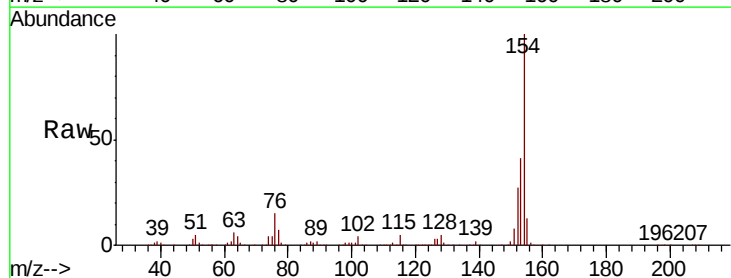
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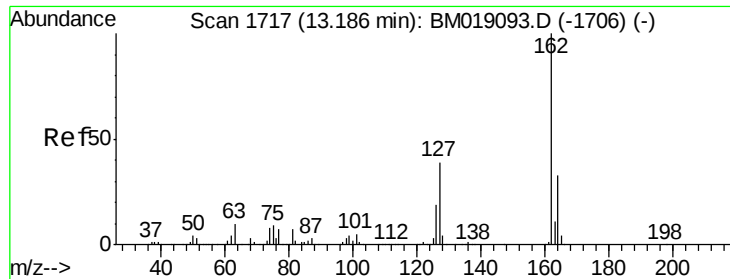
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#46  
1,1'-Biphenyl  
Concen: 40.525 ng  
RT: 13.12 min Scan# 1722  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.1  | 61.1  |
| 76      | 15.5  | 0.0   | 35.9  |





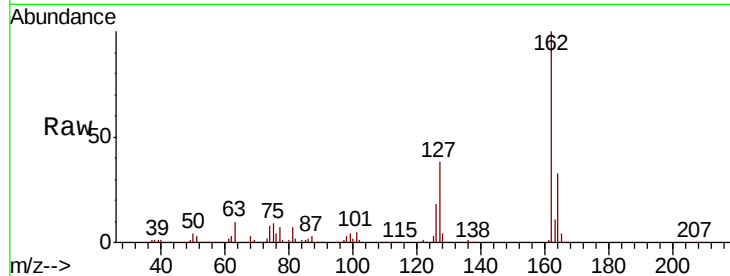
#47  
2-Chloronaphthalene  
Concen: 42.476 ng  
RT: 13.16 min Scan# 1730  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.7  | 30.7  | 46.1  |
| 164     | 32.7  | 26.1  | 39.1  |

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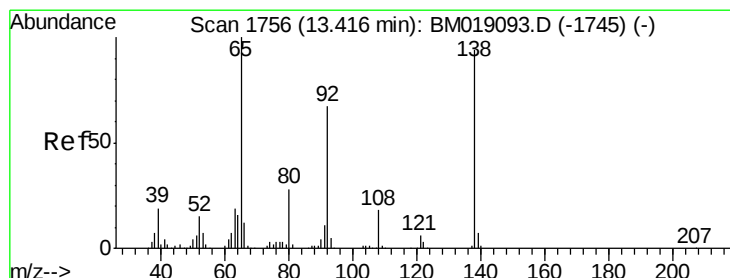
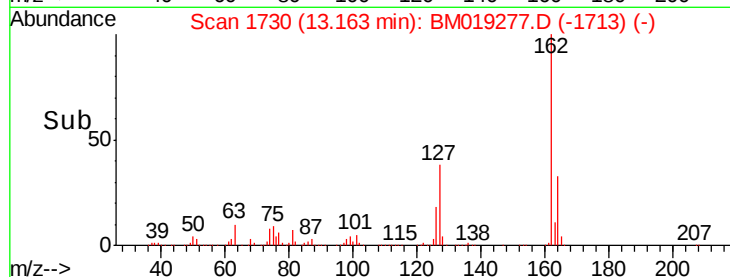
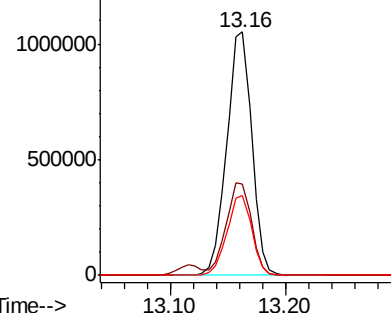


Abundance

Ion 162.00 (161.70 to 162.70): E

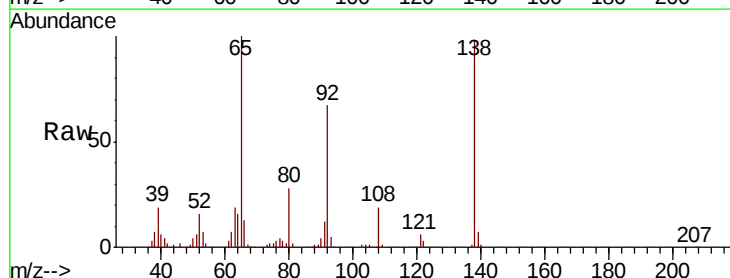
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 42.807 ng  
RT: 13.39 min Scan# 1769  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.6  | 54.0  | 81.0  |
| 138     | 98.0  | 78.3  | 117.5 |

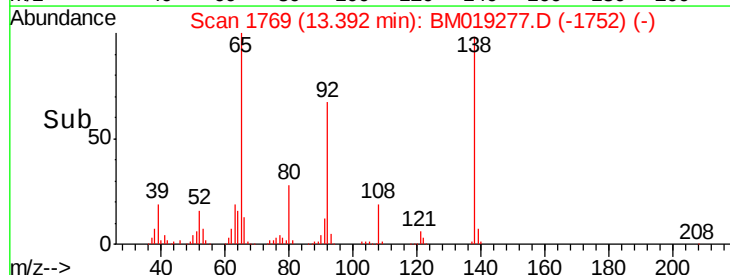
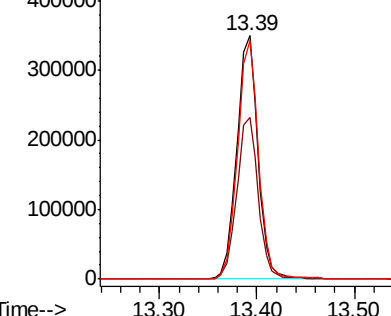


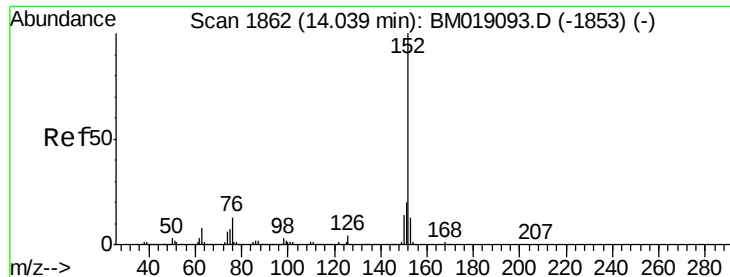
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.406 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:152 Resp: 2609247

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

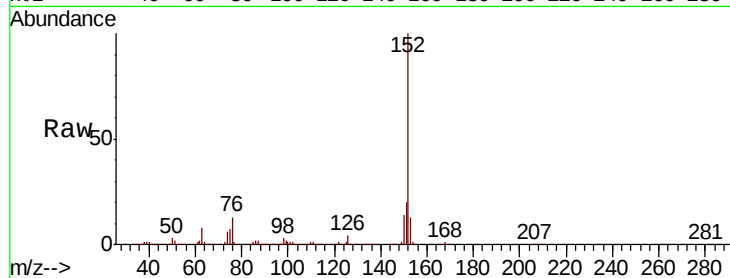
153 13.1 10.2 15.4

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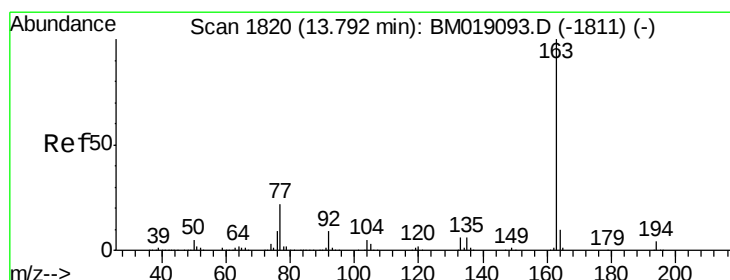
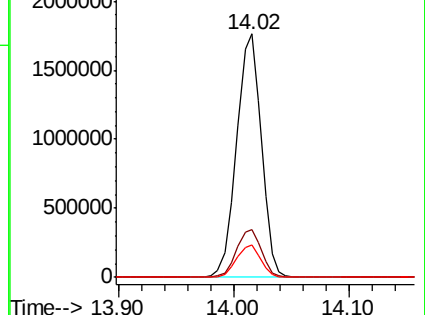
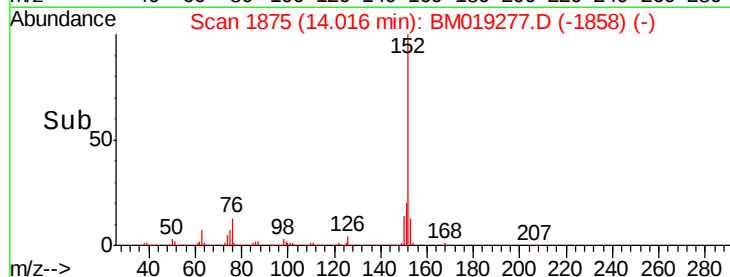
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.485 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

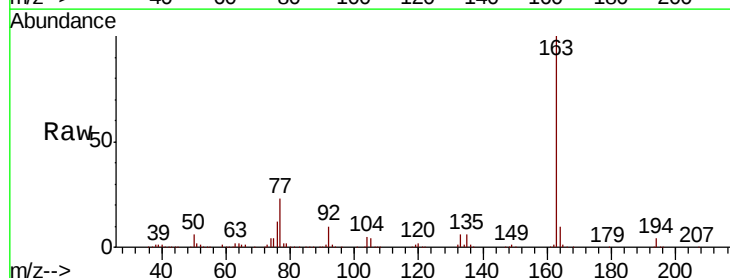
Tgt Ion:163 Resp: 2028944

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

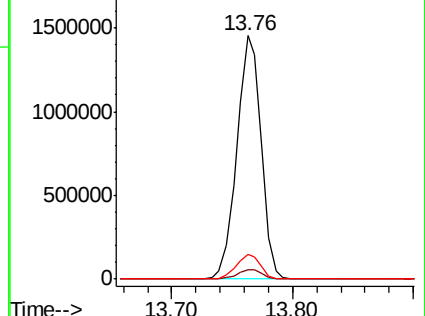
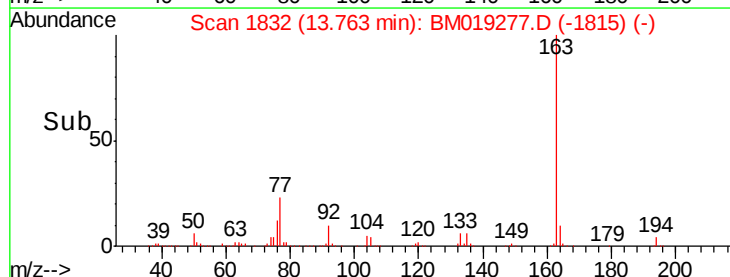
164 10.2 8.2 12.2

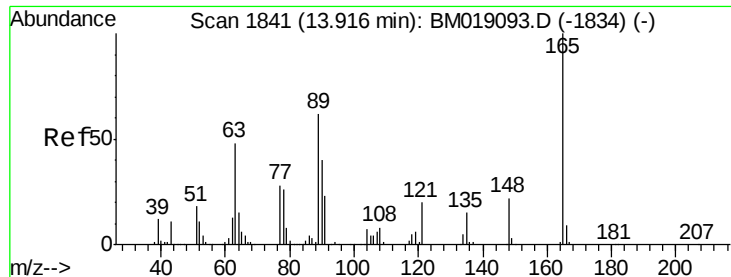


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





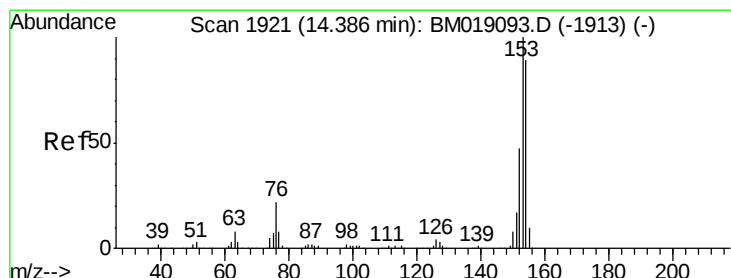
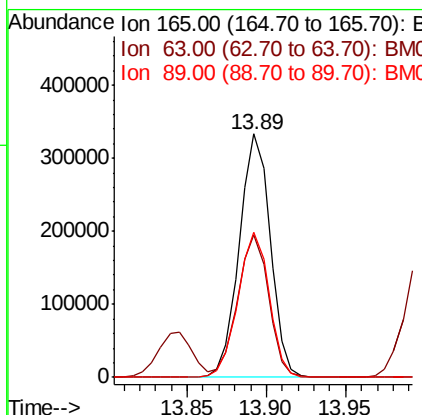
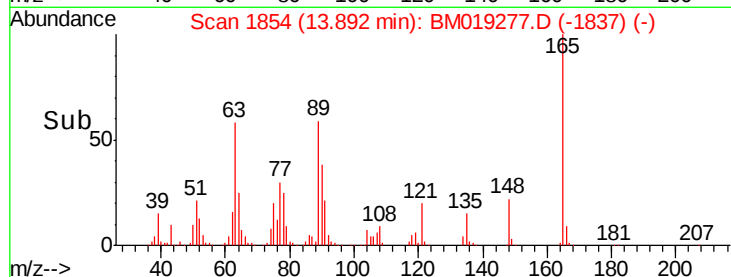
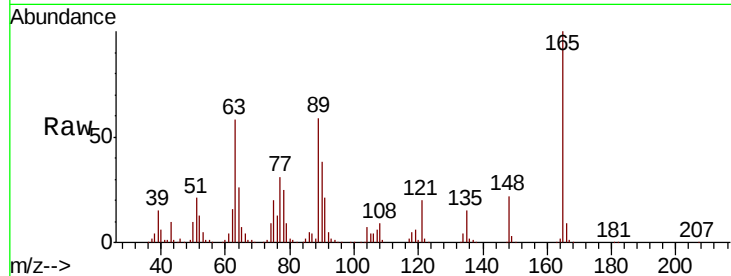
#51  
 2,6-Dinitrotoluene  
 Concen: 42.844 ng  
 RT: 13.89 min Scan# 1854  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 58.3  | 46.7  | 70.1  |
| 89      | 59.5  | 47.7  | 71.5  |

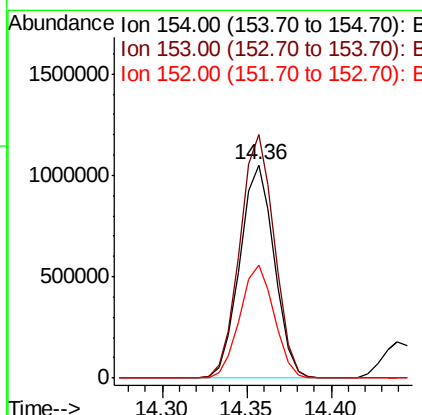
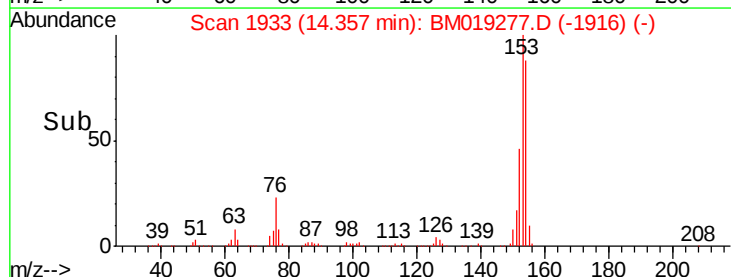
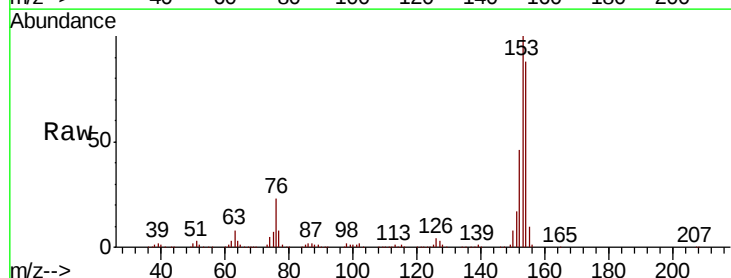
Manual Integrations  
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#52  
 Acenaphthene  
 Concen: 41.363 ng  
 RT: 14.36 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.2 | 91.0  | 136.4 |
| 152     | 52.8  | 42.1  | 63.1  |





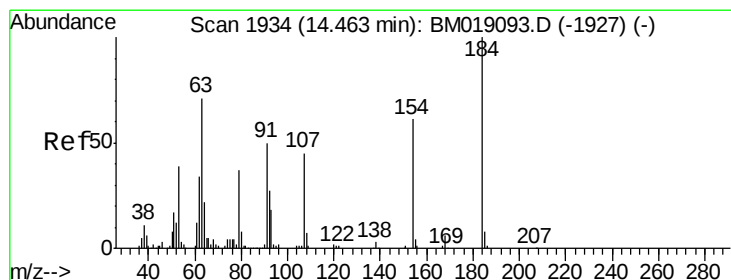
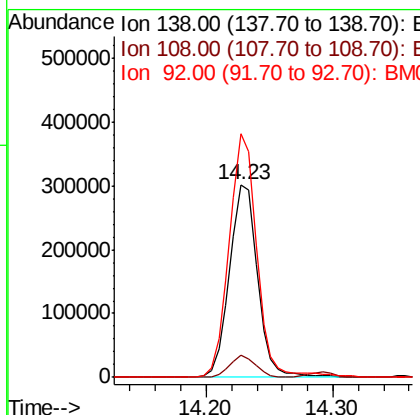
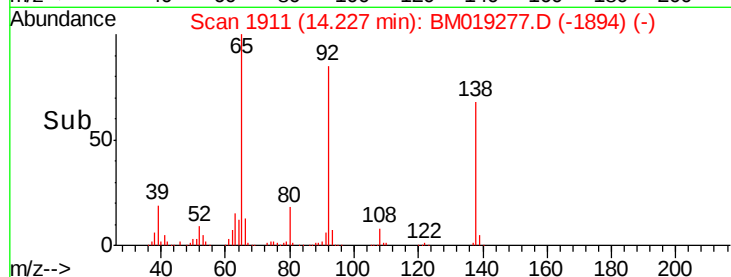
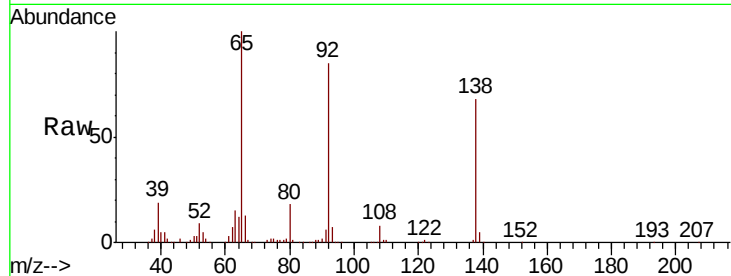
#53  
3-Nitroaniline  
Concen: 41.315 ng  
RT: 14.23 min Scan# 1911  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.7  | 8.8   | 13.2  |
| 92      | 126.2 | 100.2 | 150.2 |

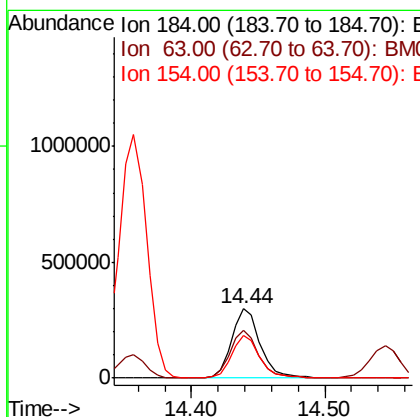
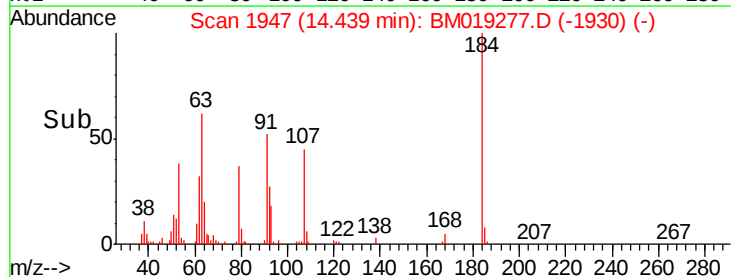
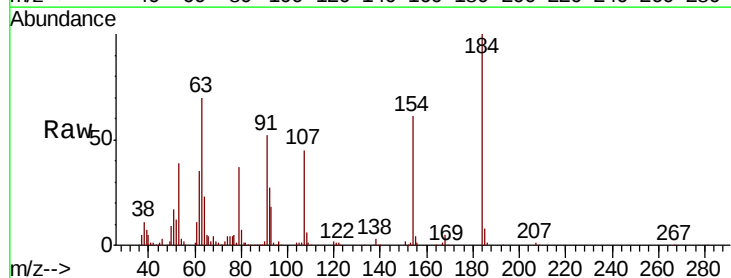
Manual Integrations  
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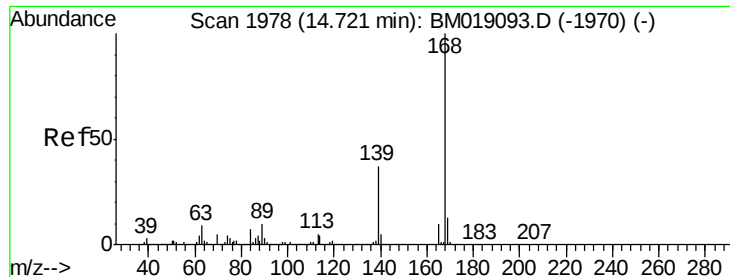
Sohil  
3/22/2019 6:04:55 PM



#54  
2,4-Dinitrophenol  
Concen: 72.915 ng  
RT: 14.44 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.8  | 55.7  | 83.5  |
| 154     | 60.9  | 48.6  | 73.0  |





#55

Dibenzofuran

Concen: 42.136 ng

RT: 14.69 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:168 Resp: 2460513

Ion Ratio Lower Upper

168 100

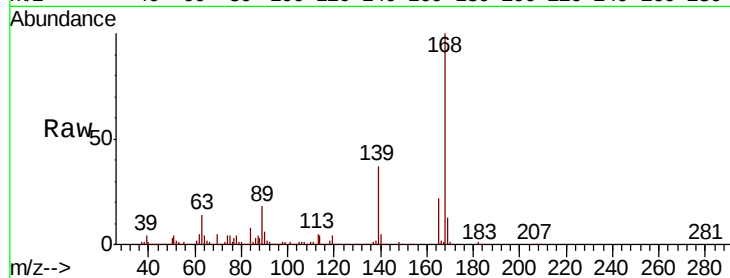
139 37.1 29.8 44.6

169 13.5 10.8 16.2

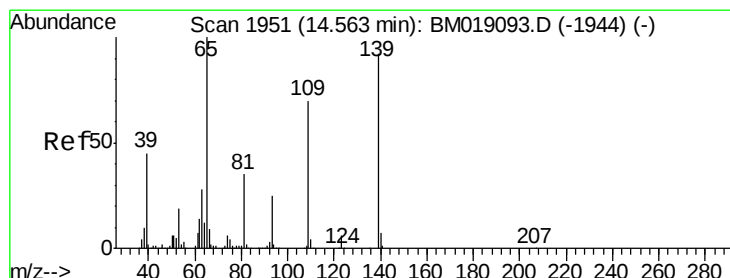
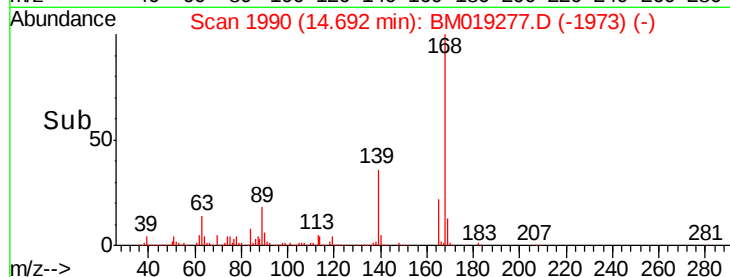
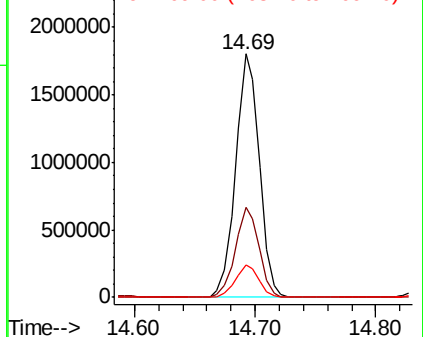
Manual Integrations  
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Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.939 ng

RT: 14.55 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

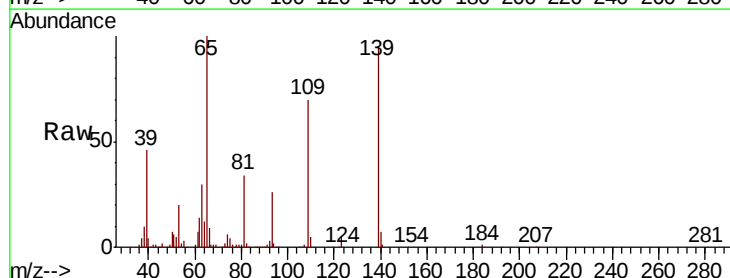
Tgt Ion:139 Resp: 703406

Ion Ratio Lower Upper

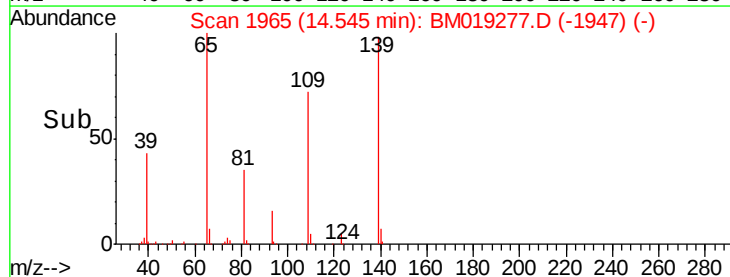
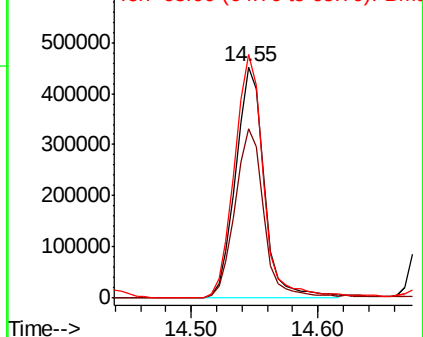
139 100

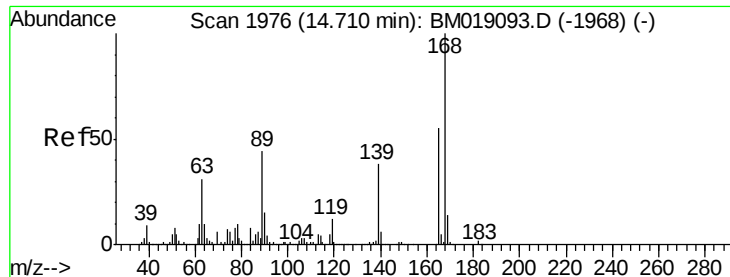
109 73.3 55.0 95.0

65 105.4 87.8 127.8



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





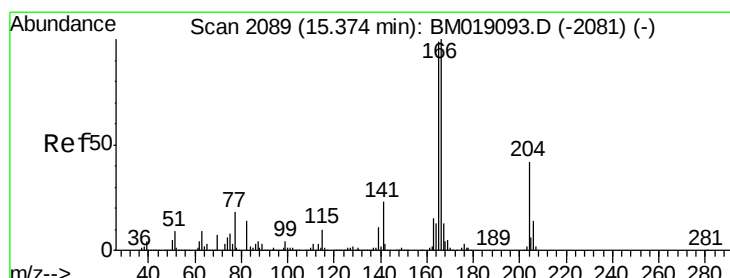
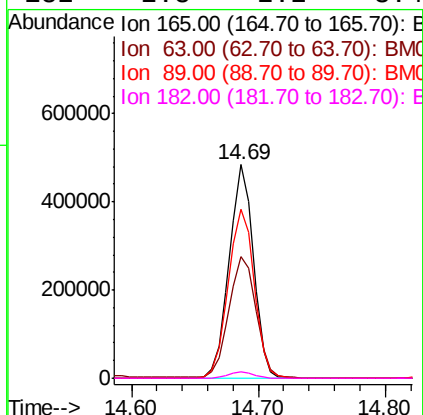
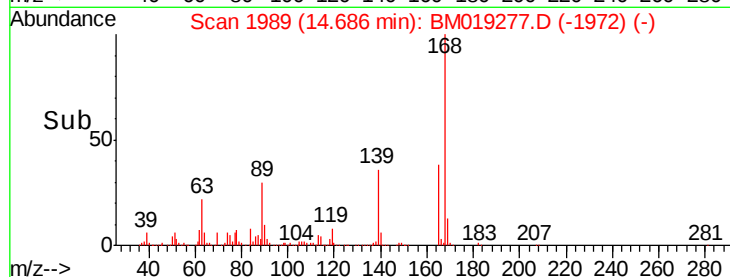
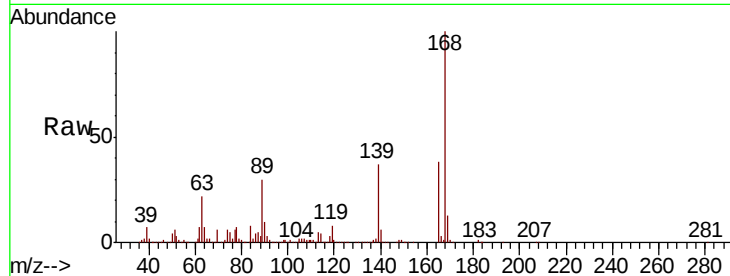
#57  
2,4-Dinitrotoluene  
Concen: 41.767 ng  
RT: 14.69 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 640988 |       |       |
| 63      | 57.2  |        | 47.2  | 70.8  |
| 89      | 79.2  |        | 65.5  | 98.3  |
| 182     | 2.8   |        | 2.2   | 3.4   |

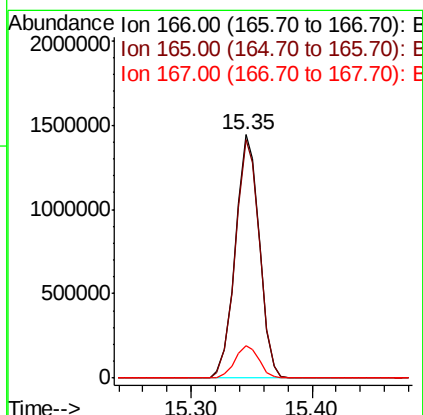
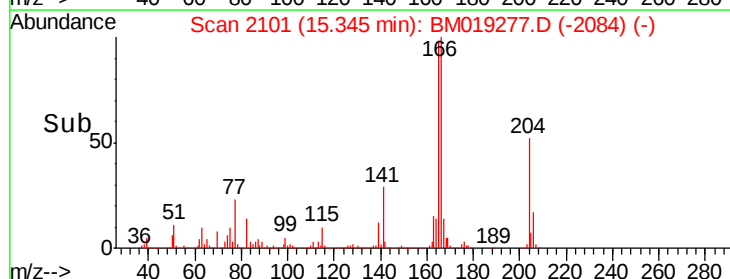
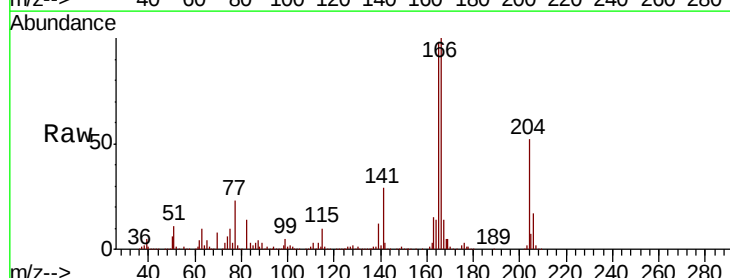
Manual Integrations  
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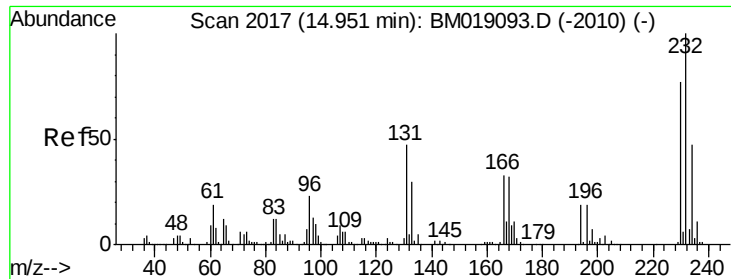
Sohil  
3/22/2019 6:04:55 PM



#58  
Fluorene  
Concen: 41.465 ng  
RT: 15.35 min Scan# 2101  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1995833 |       |       |
| 165     | 97.7  |         | 78.6  | 118.0 |
| 167     | 13.5  |         | 10.7  | 16.1  |





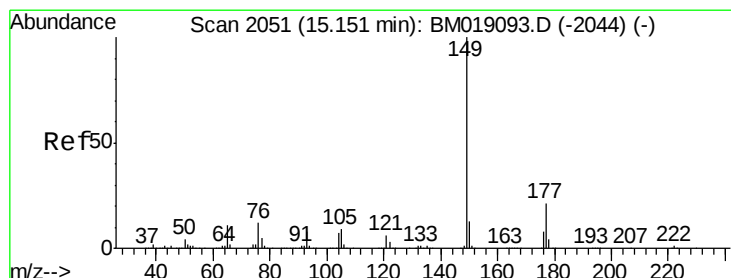
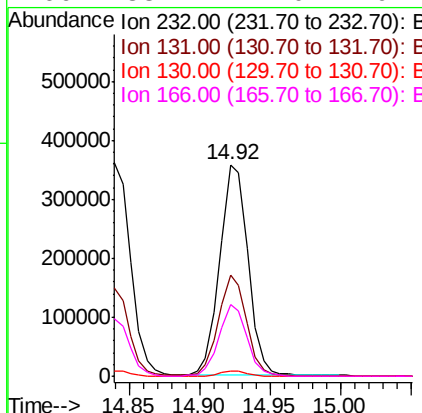
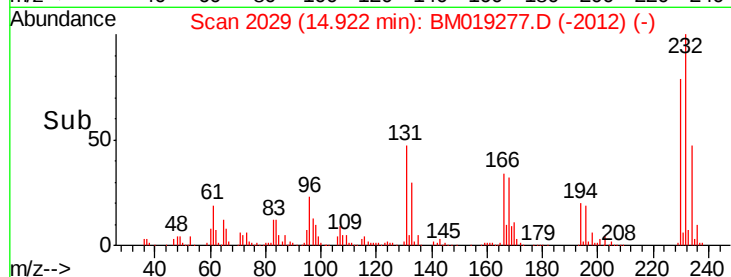
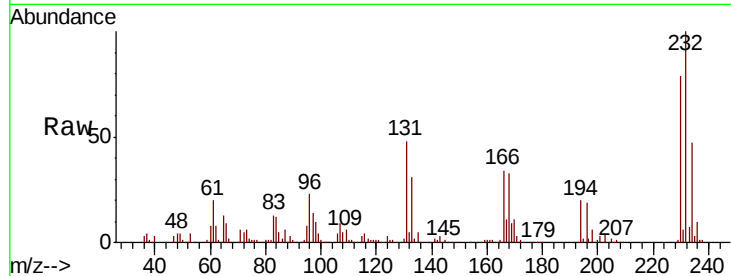
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.856 ng  
RT: 14.92 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 498617 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 47.2  | 37.2  | 55.8   |
| 130       | 2.4   | 2.0   | 3.0    |
| 166       | 33.4  | 27.0  | 40.4   |

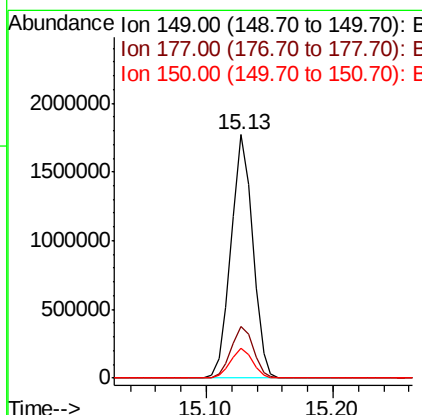
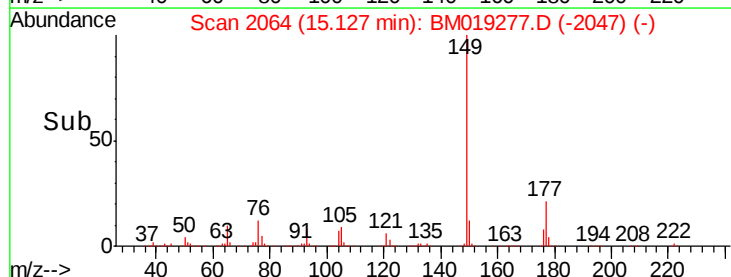
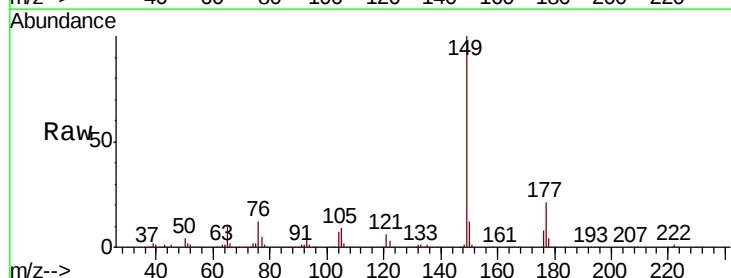
Manual Integrations  
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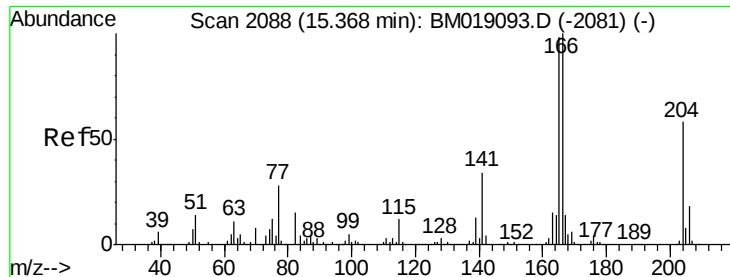
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3/22/2019 6:04:55 PM



#60  
Diethylphthalate  
Concen: 42.162 ng  
RT: 15.13 min Scan# 2064  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 2088433 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 21.3  | 17.4  | 26.0    |
| 150       | 12.5  | 10.1  | 15.1    |





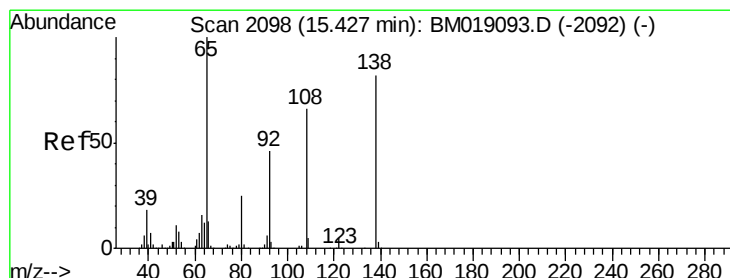
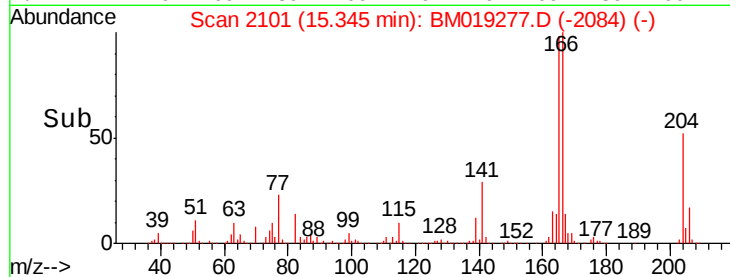
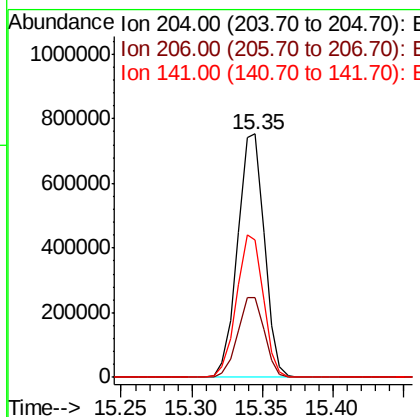
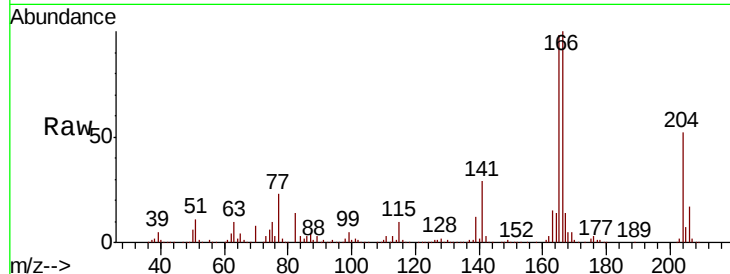
#61  
4-Chlorophenyl-phenylether  
Concen: 42.652 ng  
RT: 15.35 min Scan# 2101  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampled :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.0  | 39.0  |
| 141     | 56.2  | 45.8  | 68.8  |

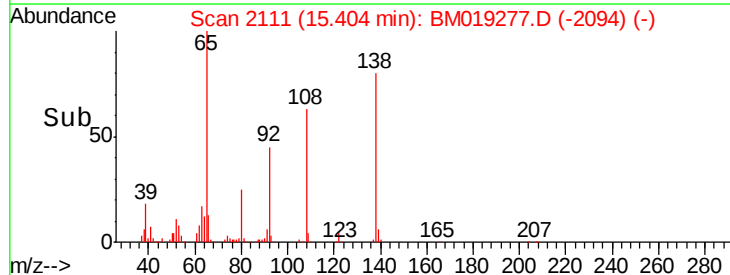
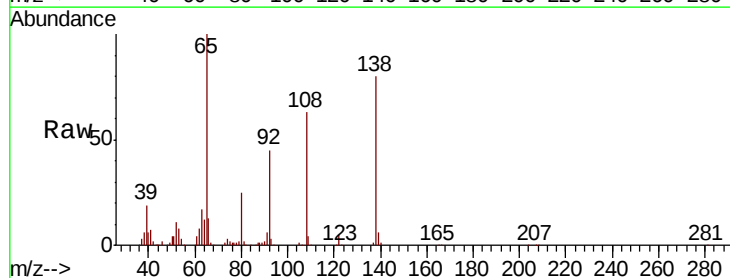
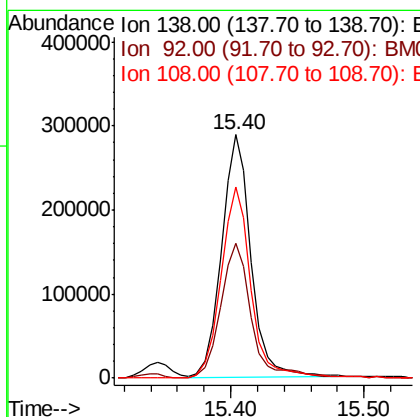
Manual Integrations  
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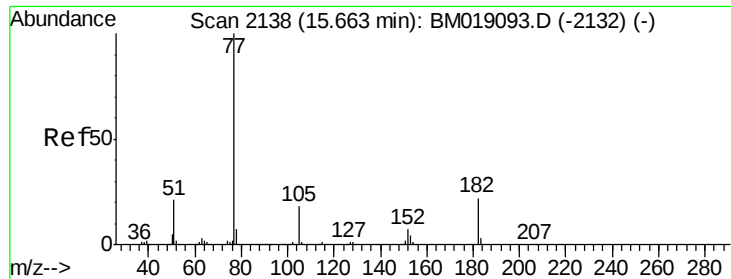
Sohil  
3/22/2019 6:04:55 PM



#62  
4-Nitroaniline  
Concen: 39.151 ng  
RT: 15.40 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.5  | 34.8  | 74.8  |
| 108     | 78.4  | 58.9  | 98.9  |





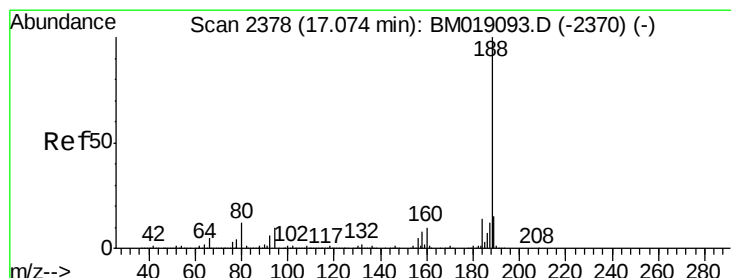
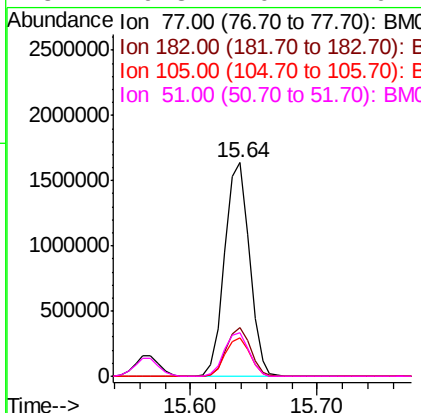
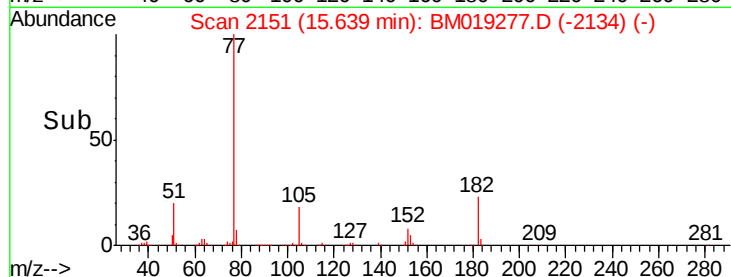
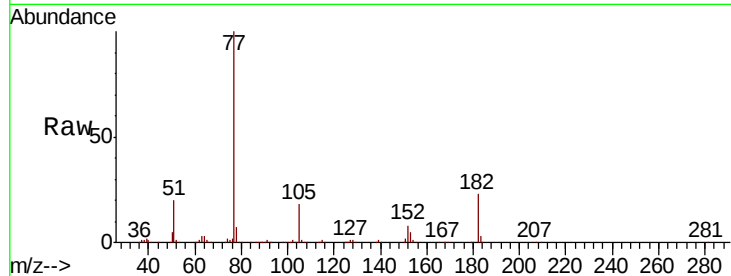
#63  
Azobenzene  
Concen: 42.395 ng  
RT: 15.64 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 22.7 | 2.7   | 42.7  |       |
| 105     | 18.2 | 0.0   | 38.1  |       |
| 51      | 20.3 | 0.7   | 40.7  |       |

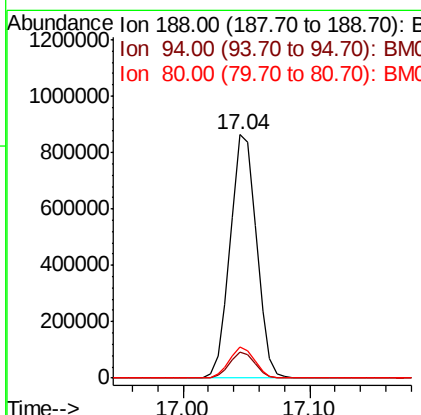
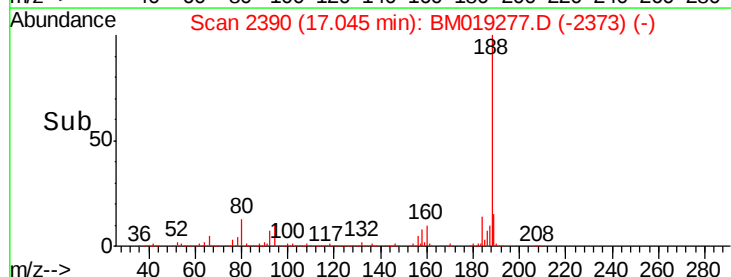
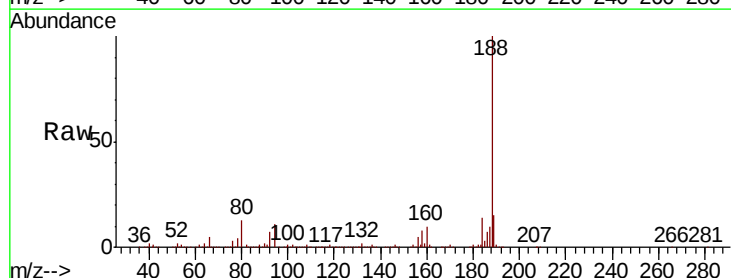
Manual Integrations  
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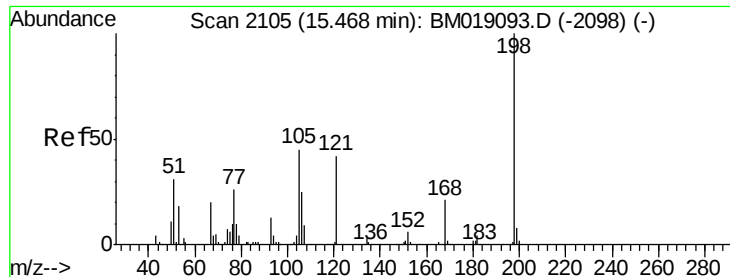
Sohil  
3/22/2019 6:04:55 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2390  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 10.6 | 8.7   | 13.1  |       |
| 80      | 12.7 | 9.8   | 14.8  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 39.898 ng

RT: 15.45 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:198 Resp: 323392  
Ion Ratio Lower Upper

198 100

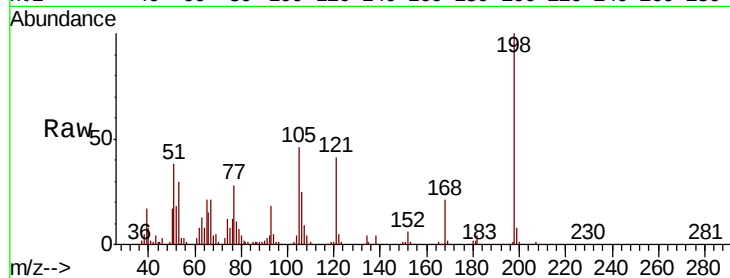
51 38.2 16.1 56.1

105 46.3 25.1 65.1

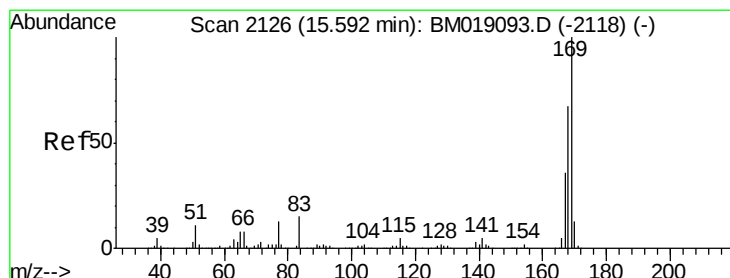
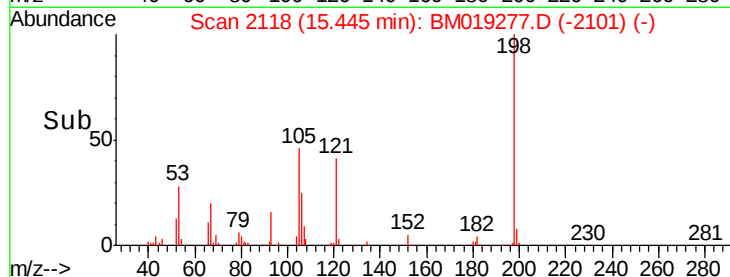
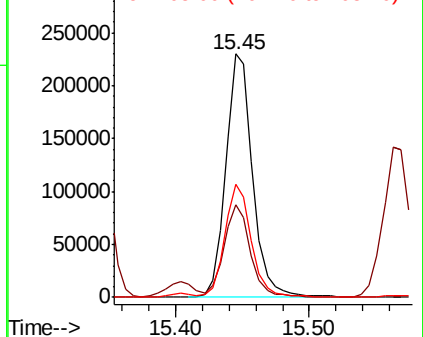
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.677 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

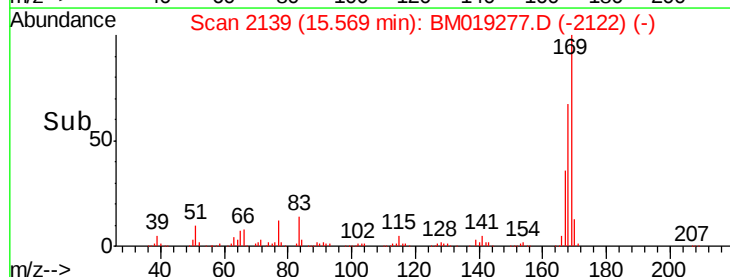
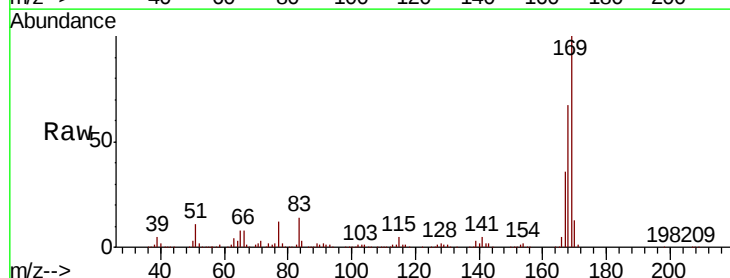
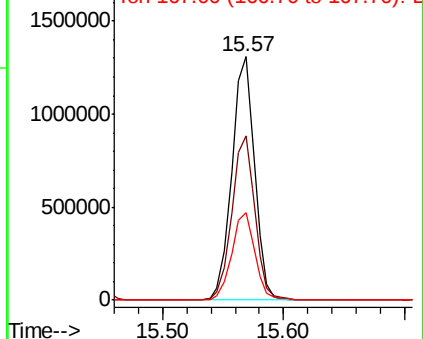
Tgt Ion:169 Resp: 1719933  
Ion Ratio Lower Upper

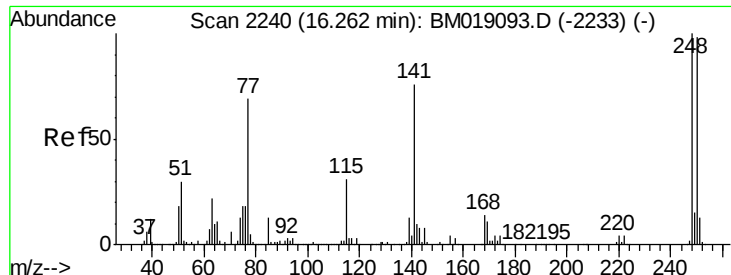
169 100

168 67.5 55.0 82.4

167 36.1 29.1 43.7

Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





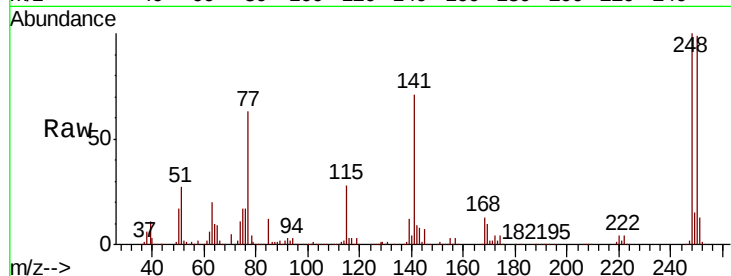
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.807 ng  
 RT: 16.24 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.5  | 78.2  | 117.2 |
| 141     | 71.4  | 57.2  | 85.8  |

Manual Integrations  
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Sohil  
 3/22/2019 6:04:55 PM

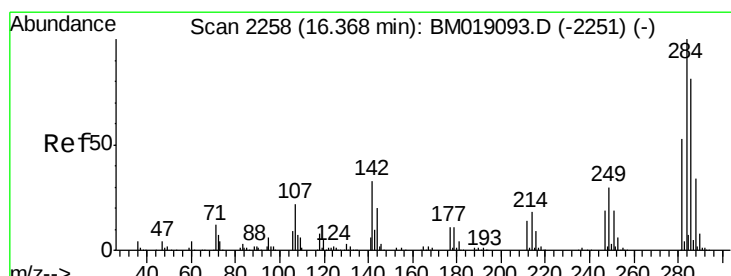
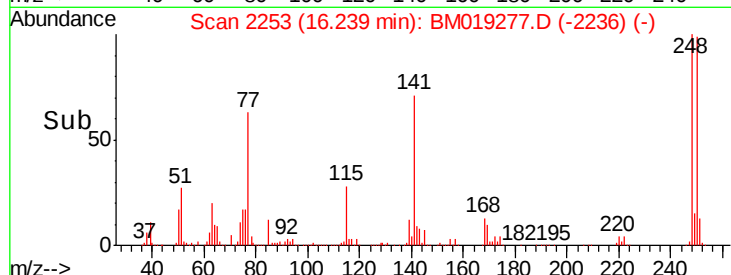
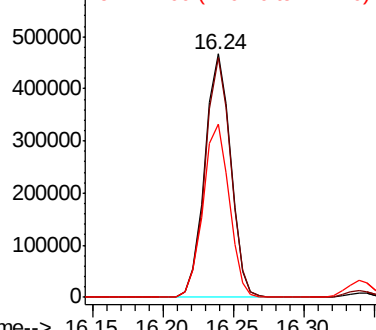


Abundance

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: 43.109 ng  
 RT: 16.34 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

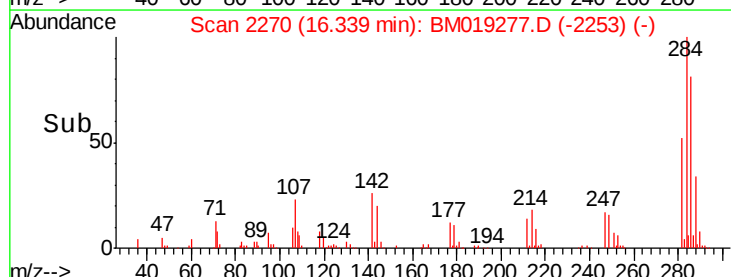
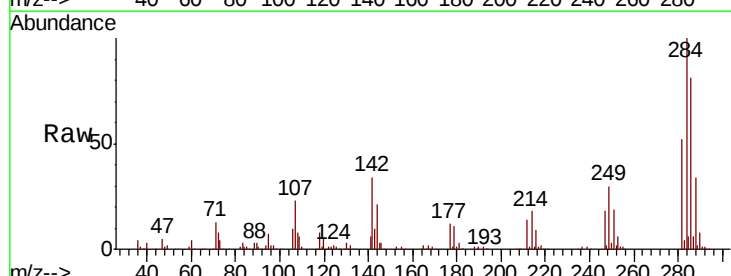
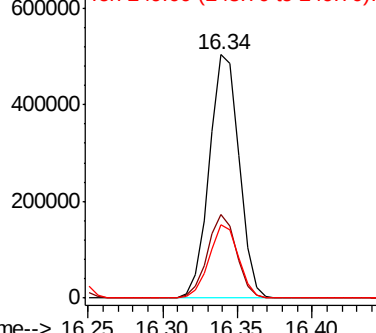
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.5  | 27.9  | 41.9  |
| 249     | 30.0  | 23.5  | 35.3  |

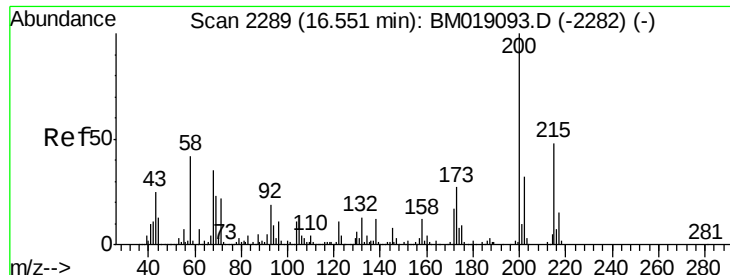
Abundance

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





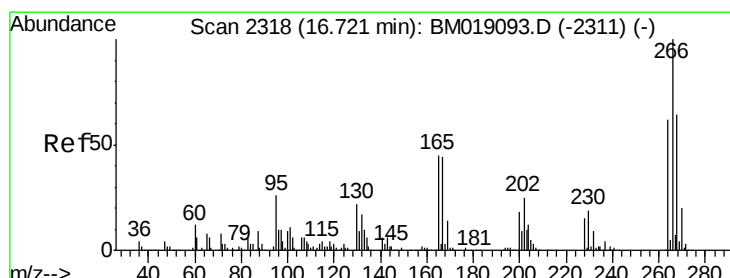
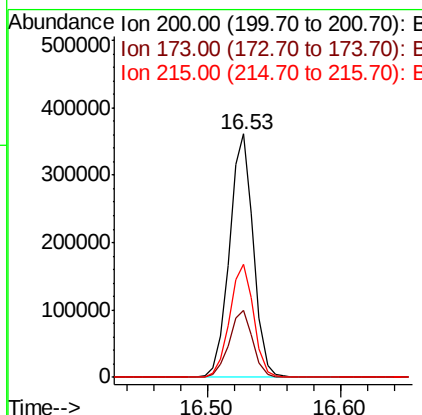
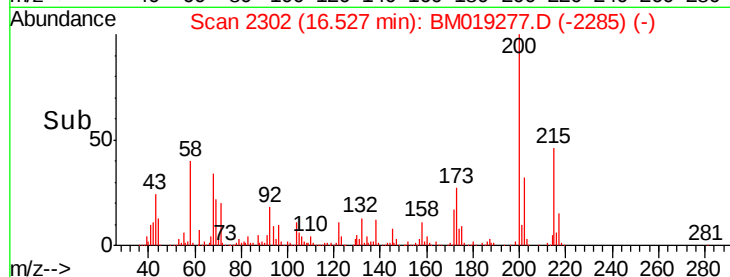
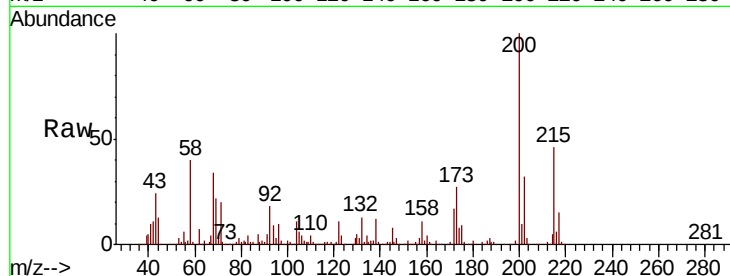
#69  
Atrazine  
Concen: 34.166 ng  
RT: 16.53 min Scan# 2302  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 452900 |       |       |
| 173     | 27.4  | 6.8    | 46.8  |       |
| 215     | 46.5  | 26.4   | 66.4  |       |

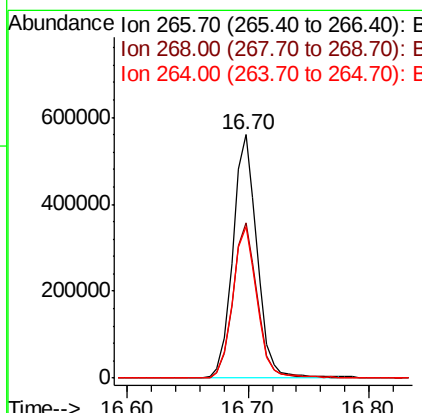
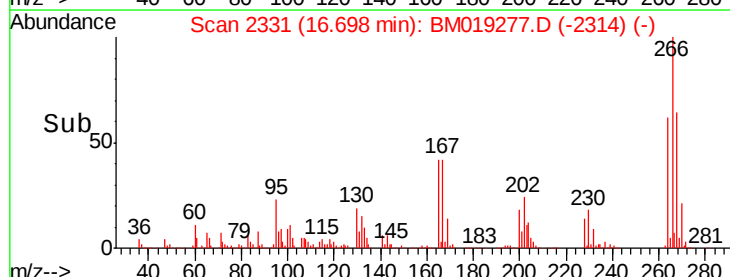
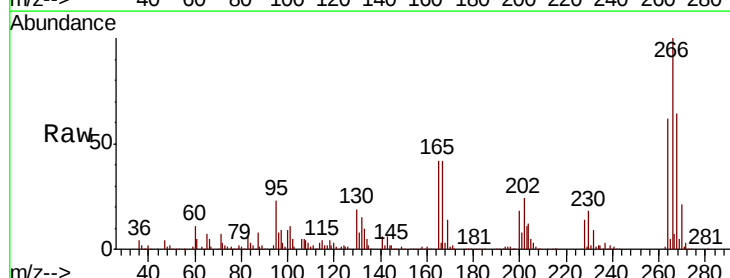
Manual Integrations  
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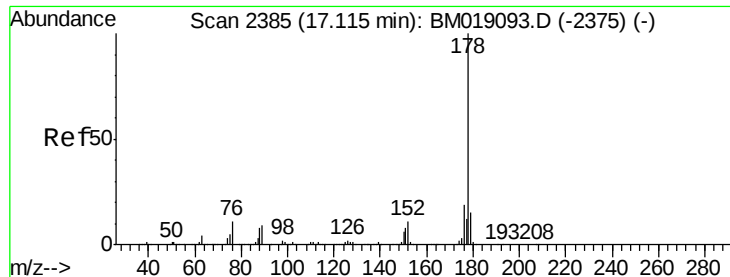
Sohil  
3/22/2019 6:04:55 PM



#70  
Pentachlorophenol  
Concen: 80.287 ng  
RT: 16.70 min Scan# 2331  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 784411 |       |       |
| 268     | 63.7  | 52.0   | 78.0  |       |
| 264     | 62.0  | 50.6   | 76.0  |       |





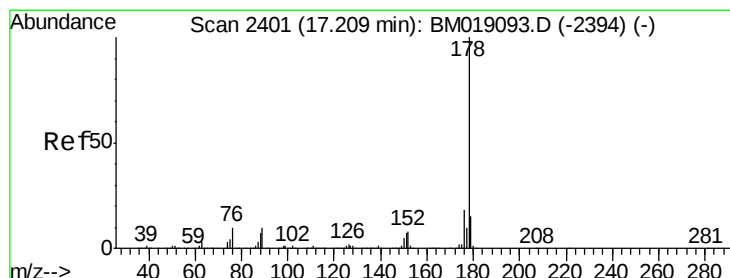
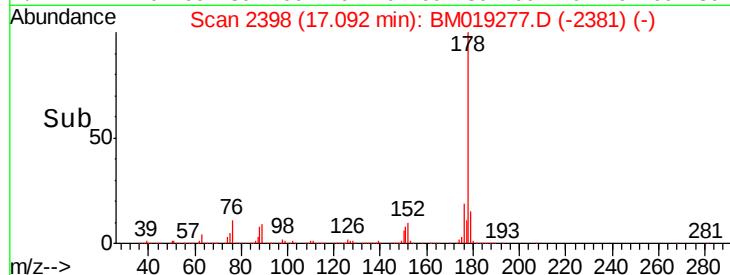
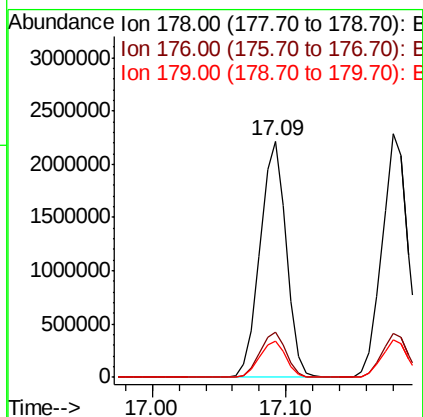
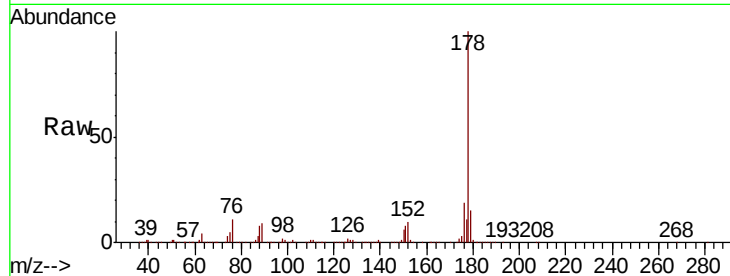
#71  
Phenanthrene  
Concen: 41.317 ng  
RT: 17.09 min Scan# 2398  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.2  | 22.8  |
| 179     | 15.3  | 12.2  | 18.4  |

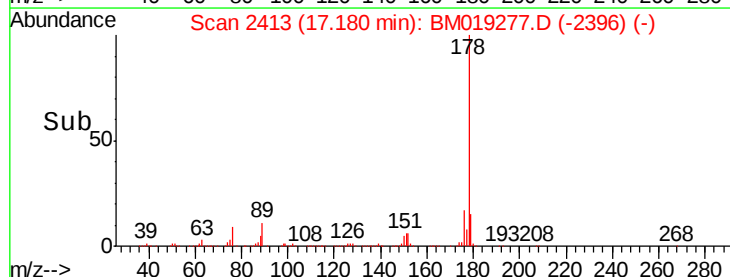
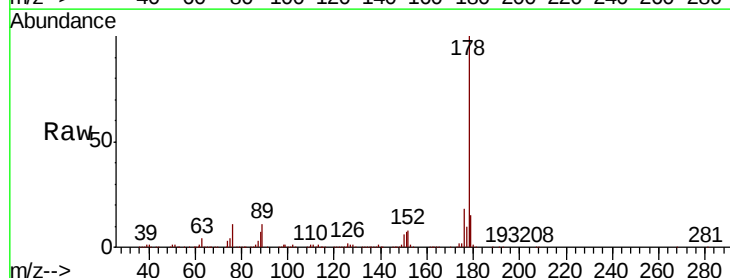
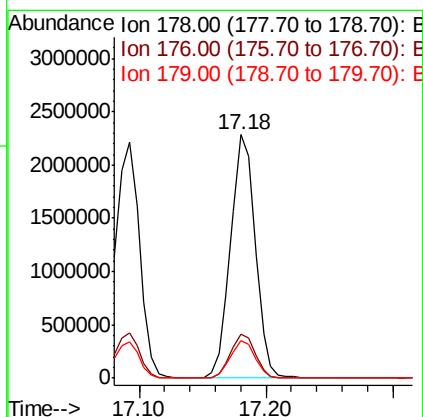
Manual Integrations  
APPROVED

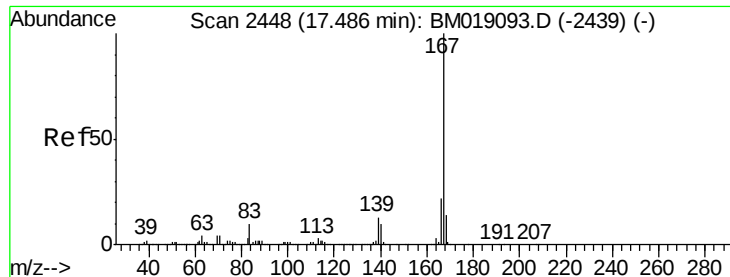
Sohil  
3/22/2019 6:04:55 PM



#72  
Anthracene  
Concen: 43.234 ng  
RT: 17.18 min Scan# 2413  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 14.6  | 21.8  |
| 179     | 15.2  | 12.2  | 18.2  |





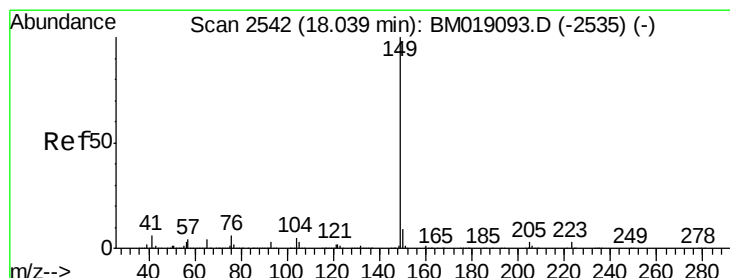
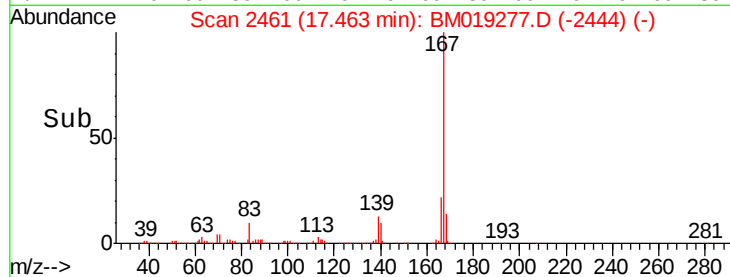
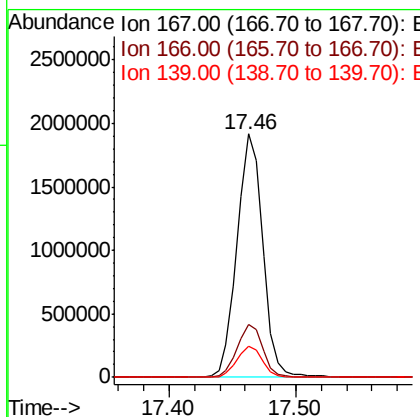
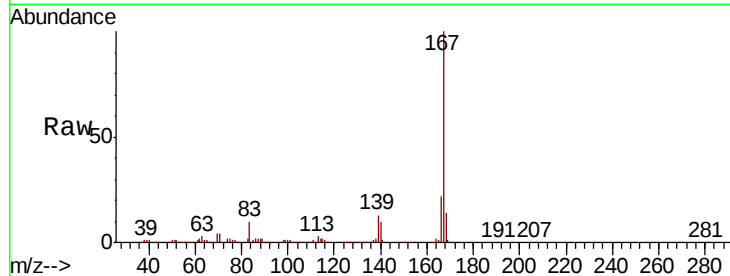
#73  
 Carbazole  
 Concen: 40.291 ng  
 RT: 17.46 min Scan# 2461  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.4  | 26.0  |
| 139     | 13.0  | 10.3  | 15.5  |

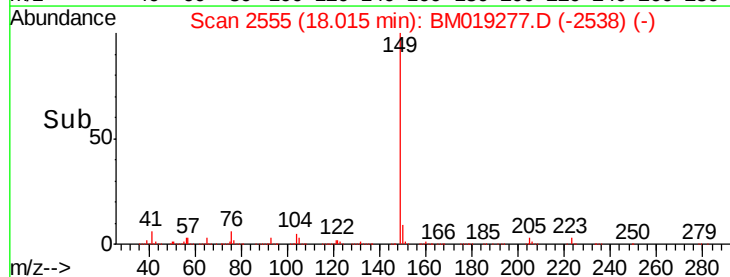
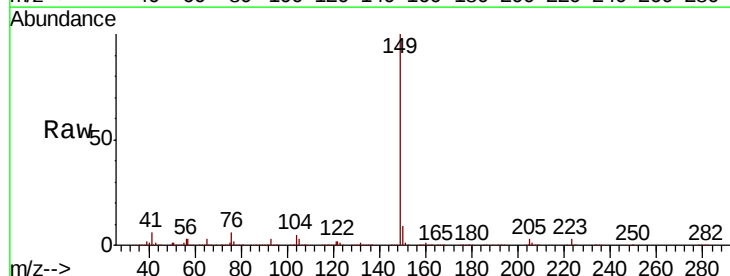
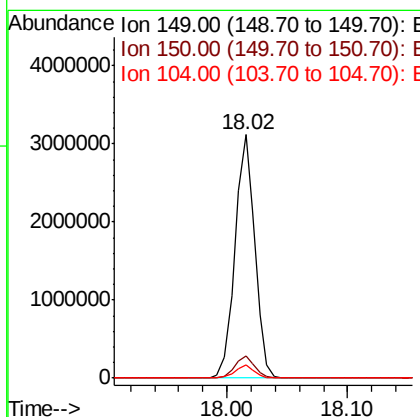
Manual Integrations  
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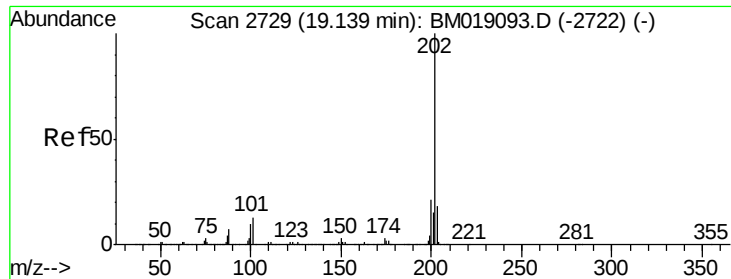
Sohil  
 3/22/2019 6:04:55 PM



#74  
 Di-n-butylphthalate  
 Concen: 43.956 ng  
 RT: 18.02 min Scan# 2555  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.3   | 10.9  |
| 104     | 5.2   | 4.1   | 6.1   |





#75

Fluoranthene

Concen: 38.947 ng

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

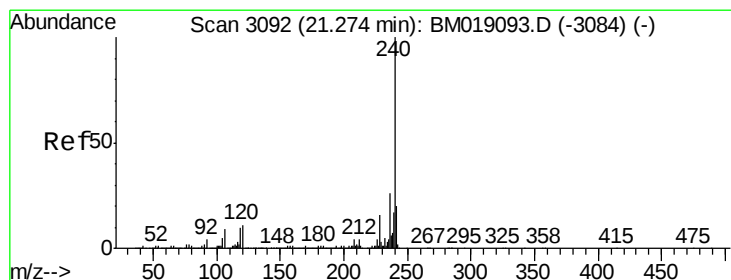
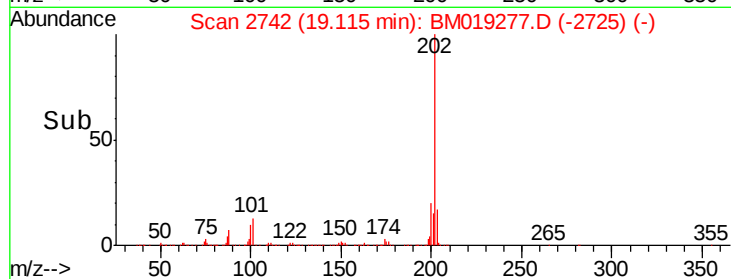
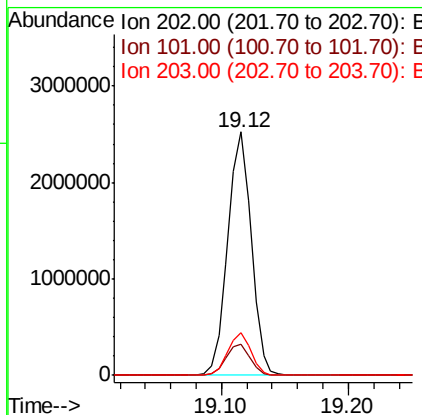
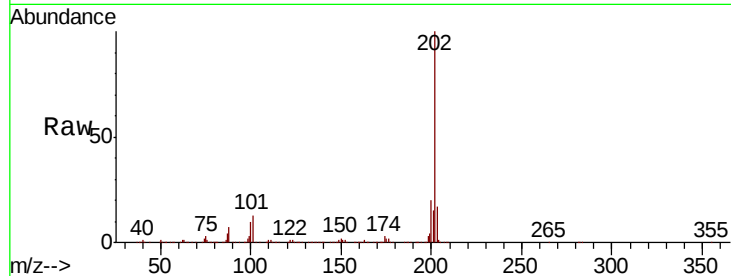
ClientSampleId :

PB118092BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3240011 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 12.8  | 0.0   | 32.8    |
| 203      | 17.5  | 0.0   | 37.3    |

Manual Integrations  
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3/22/2019 6:04:55 PM



#76

Chrysene-d12

Concen: 20.000 ng

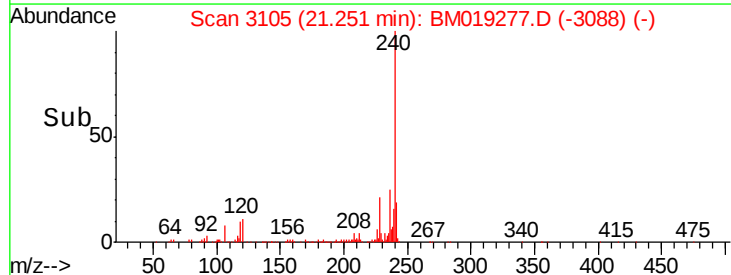
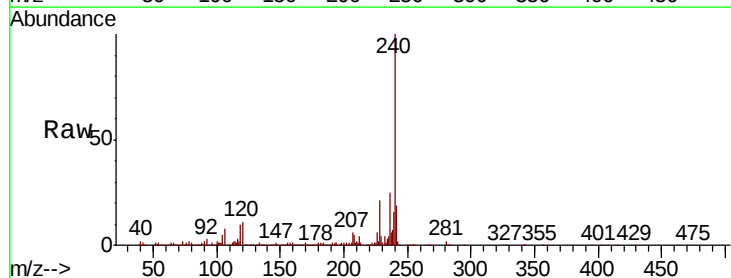
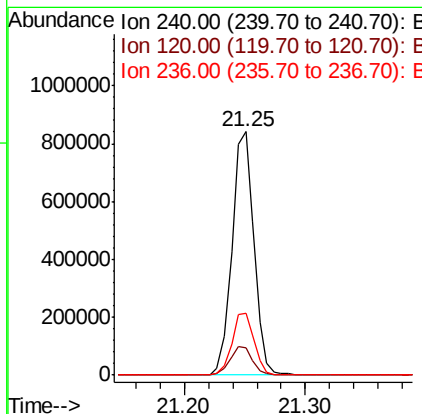
RT: 21.25 min Scan# 3105

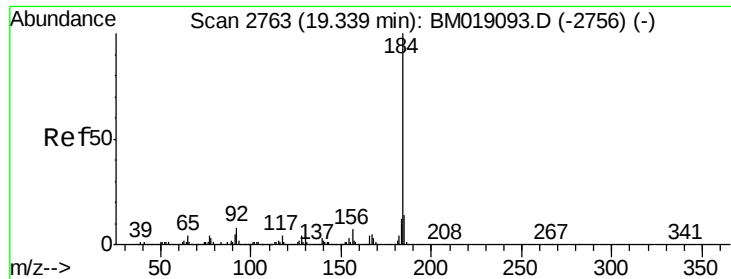
Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1064895 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 11.0  | 9.2   | 13.8    |
| 236      | 25.4  | 20.3  | 30.5    |





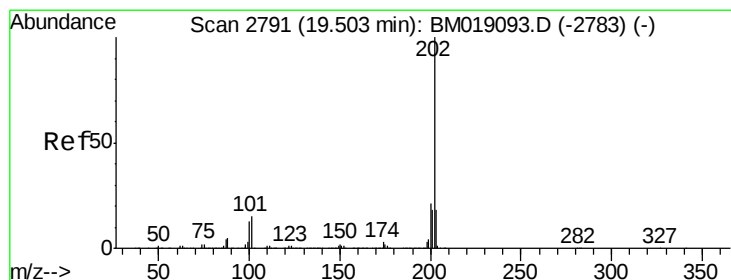
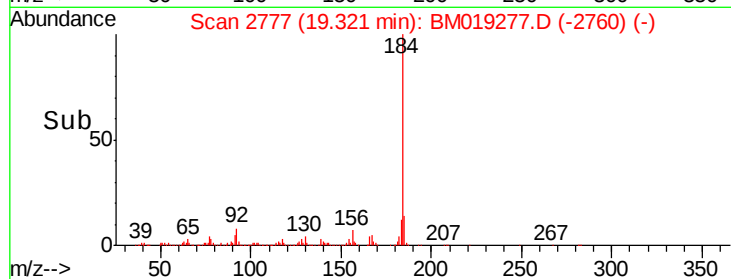
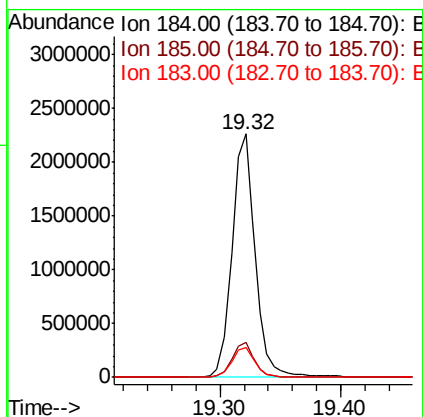
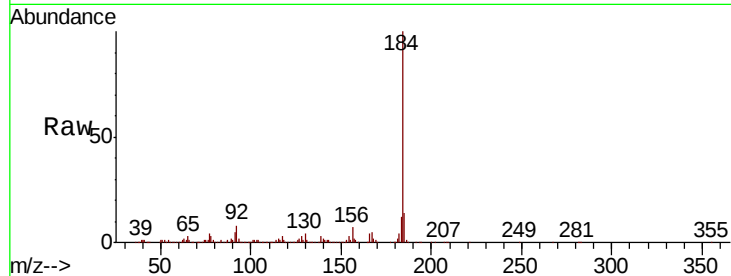
#77  
Benzidine  
Concen: 99.719 ng  
RT: 19.32 min Scan# 2777  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.1  | 11.2  | 16.8  |
| 183     | 12.3  | 9.7   | 14.5  |

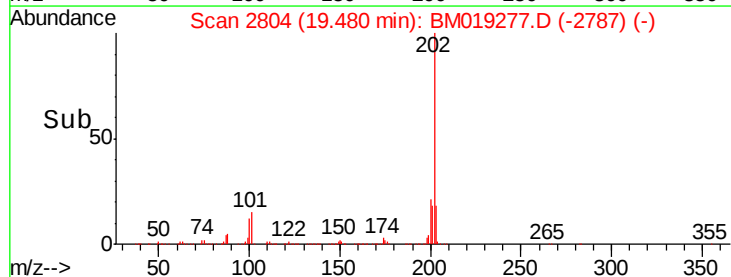
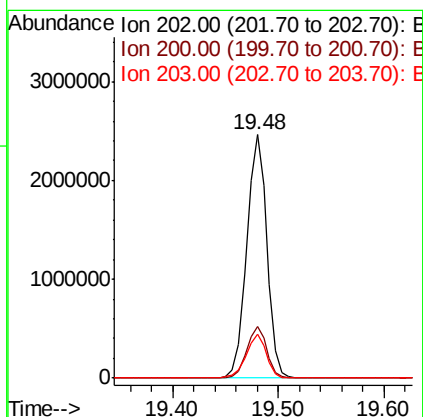
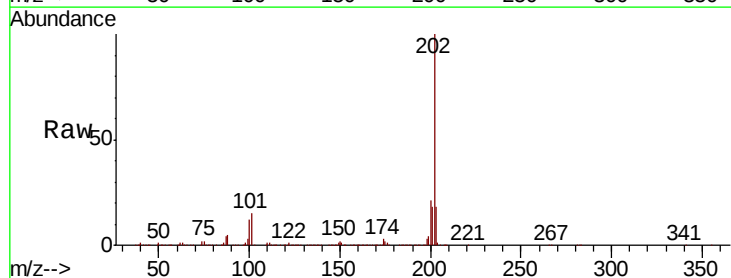
Manual Integrations  
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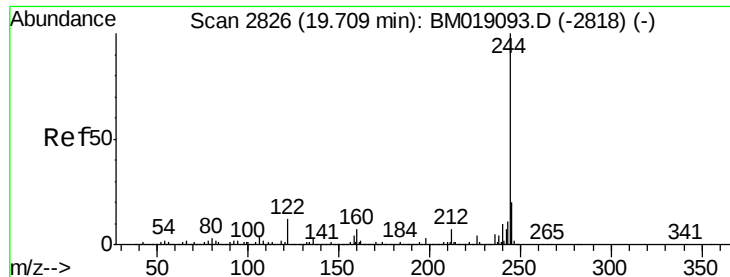
Sohil  
3/22/2019 6:04:55 PM



#78  
Pyrene  
Concen: 48.393 ng  
RT: 19.48 min Scan# 2804  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 16.7  | 25.1  |
| 203     | 17.9  | 13.9  | 20.9  |





#79

Terphenyl-d14

Concen: 107.001 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:244 Resp: 5739666

Ion Ratio Lower Upper

244 100

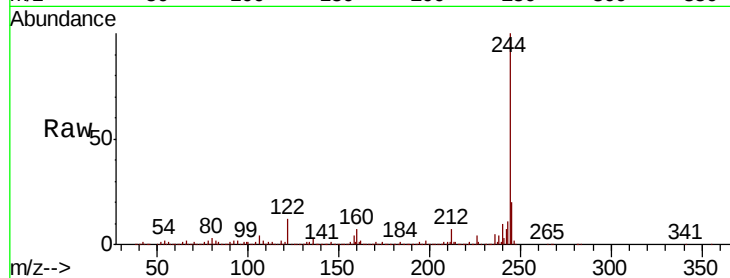
212 6.8 5.4 8.2

122 11.6 9.6 14.4

Manual Integrations  
APPROVED

Sohil

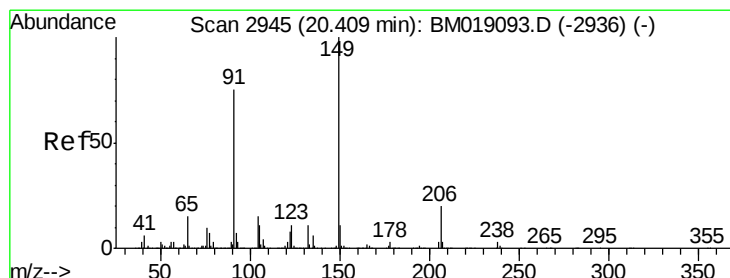
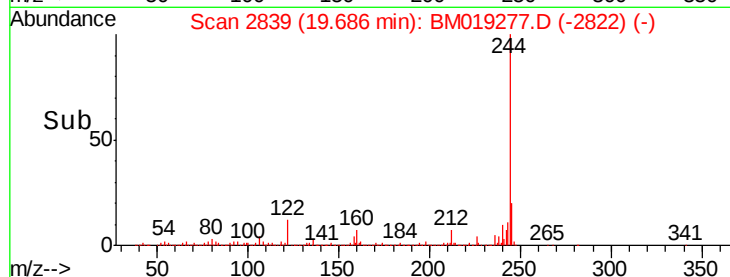
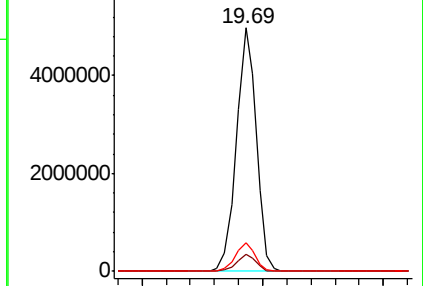
3/22/2019 6:04:55 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.023 ng

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

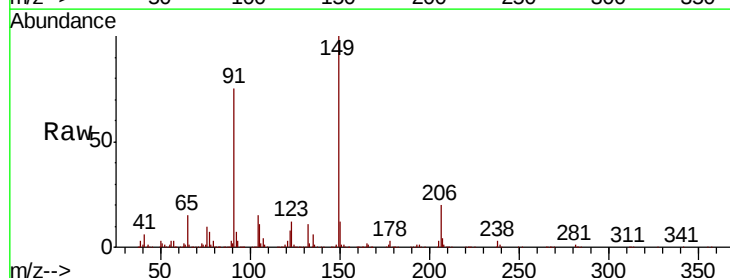
Tgt Ion:149 Resp: 1526682

Ion Ratio Lower Upper

149 100

91 74.7 61.6 92.4

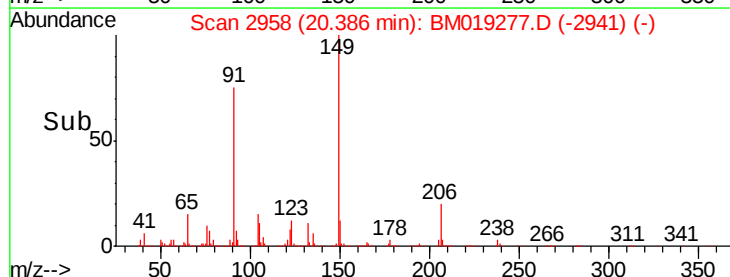
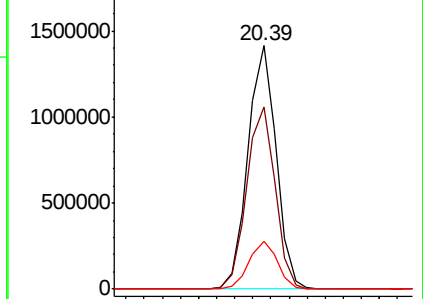
206 19.8 15.9 23.9

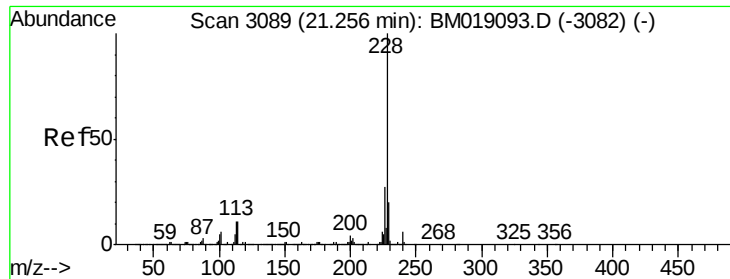


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.894 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:228 Resp: 2798859

Ion Ratio Lower Upper

228 100

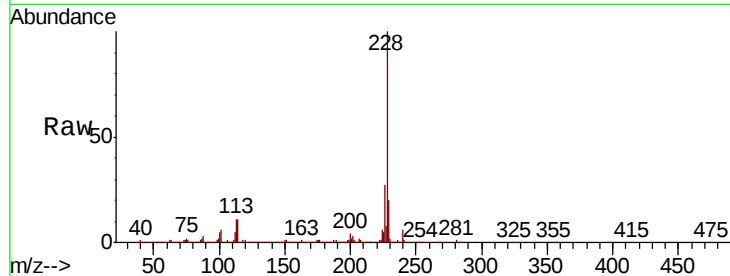
226 27.0 21.6 32.4

229 19.8 15.8 23.8

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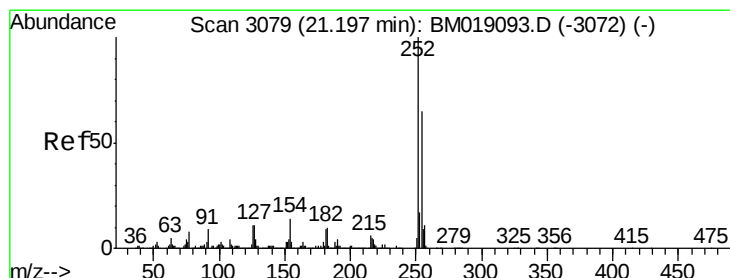
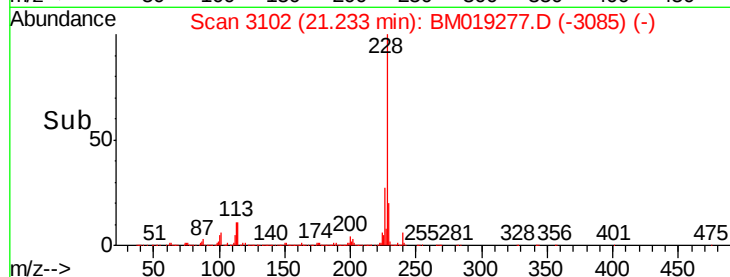
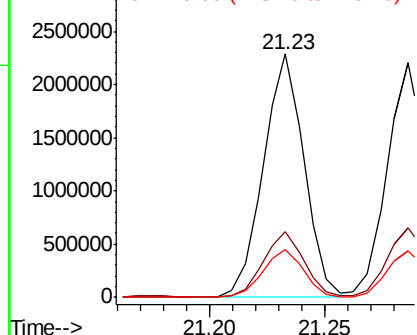


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.774 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

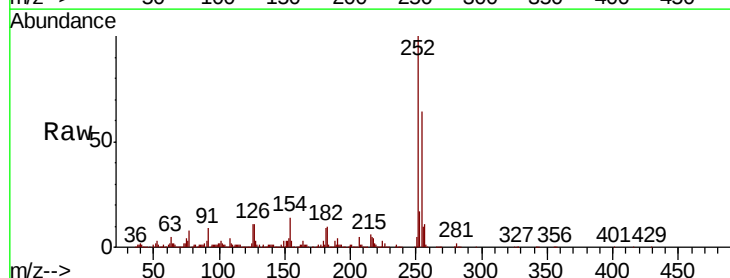
Tgt Ion:252 Resp: 1075102

Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 11.3 9.2 13.8

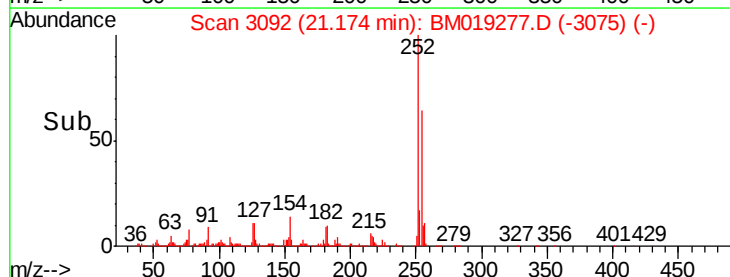
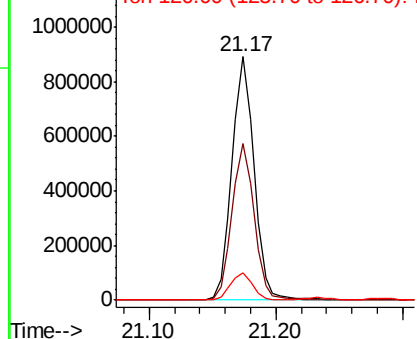


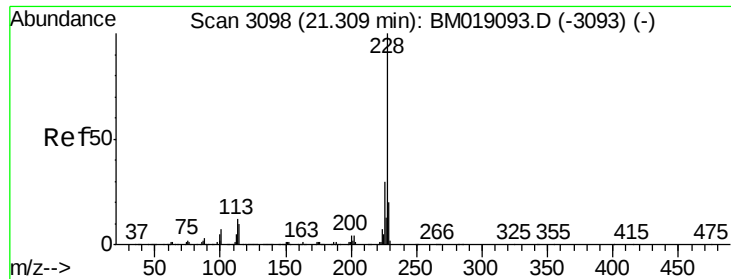
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





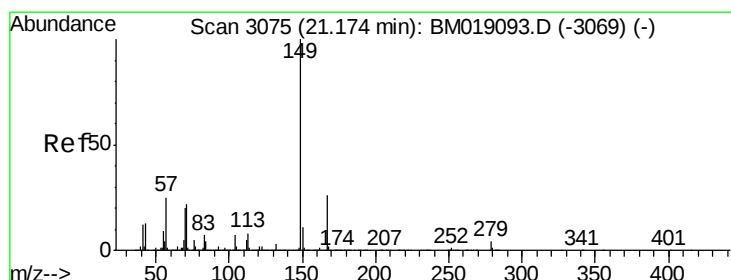
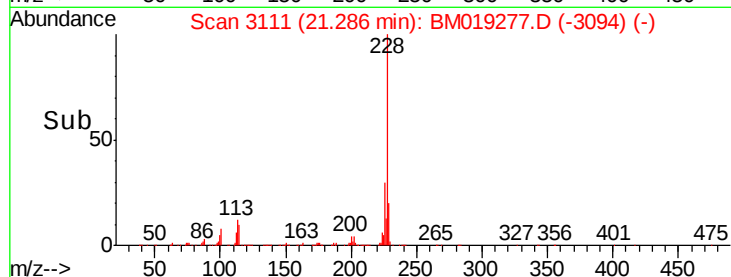
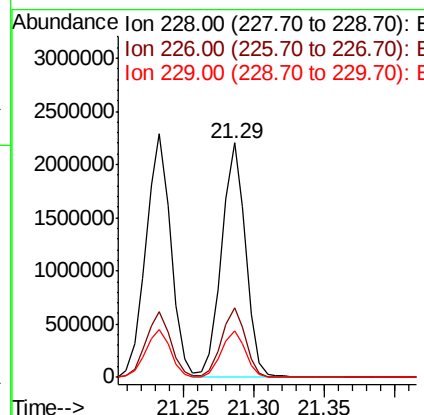
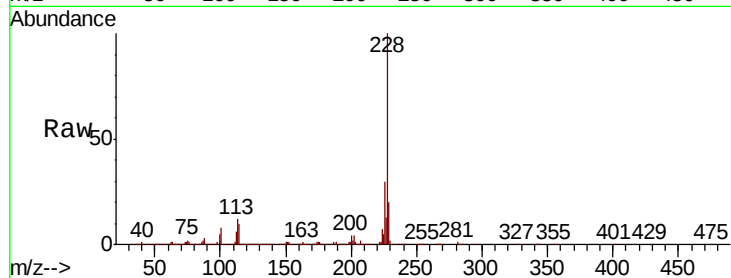
#83  
 Chrvsene  
 Concen: 40.111 ng  
 RT: 21.29 min Scan# 3111  
 Delta R.T. 0.00 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 23.9  | 35.9  |
| 229     | 19.8  | 15.8  | 23.6  |

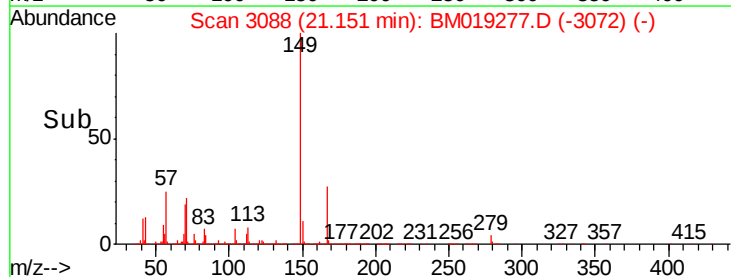
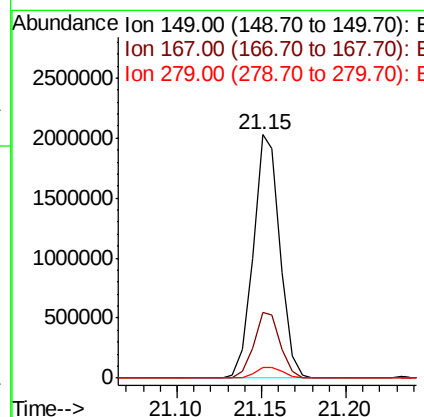
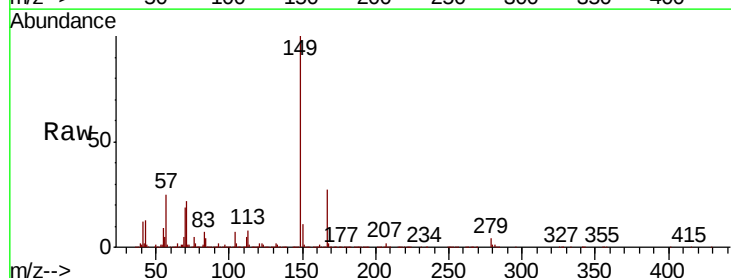
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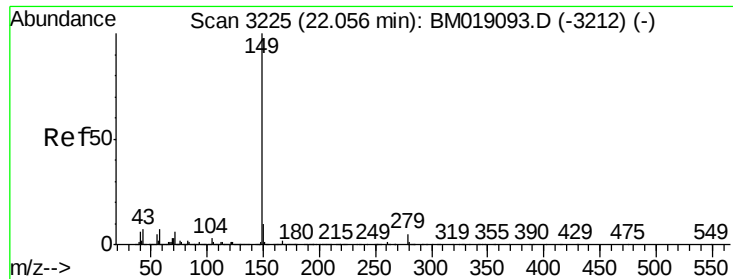
Sohil  
 3/22/2019 6:04:55 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.144 ng  
 RT: 21.15 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM019277.D  
 Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.1  | 21.4  | 32.2  |
| 279     | 4.1   | 3.6   | 5.4   |





#85

Di-n-octyl phthalate

Concen: 47.627 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

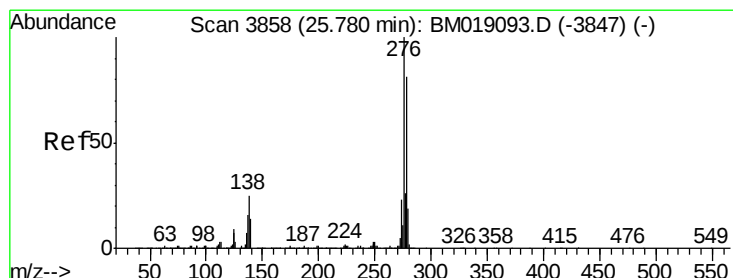
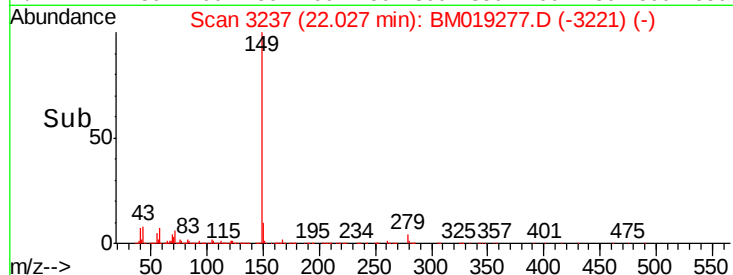
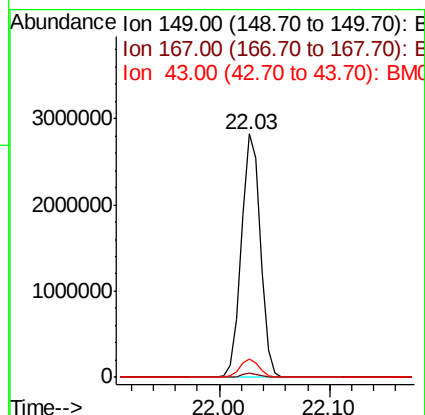
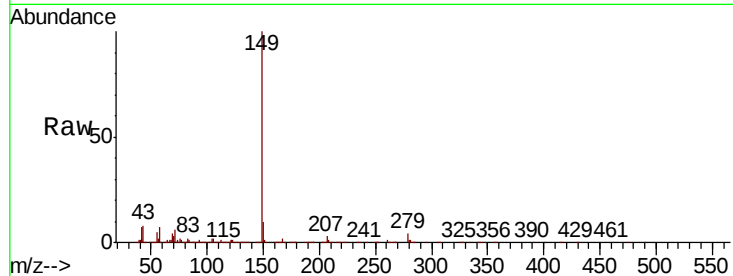
ClientSampleId :

PB118092BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 3424016 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.3   | 1.9     |
| 43       | 7.6   | 6.0   | 9.0     |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.733 ng

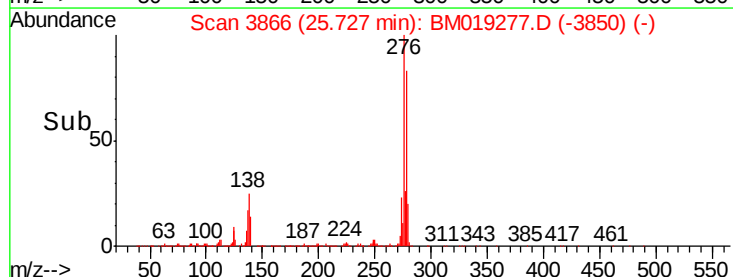
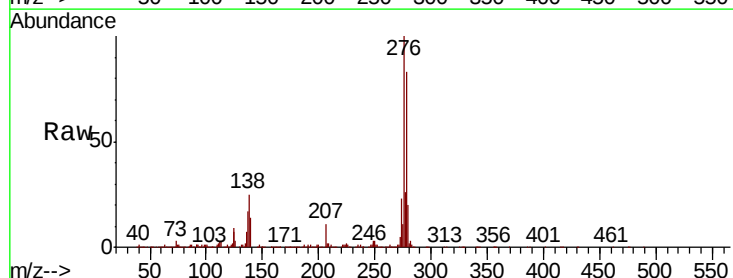
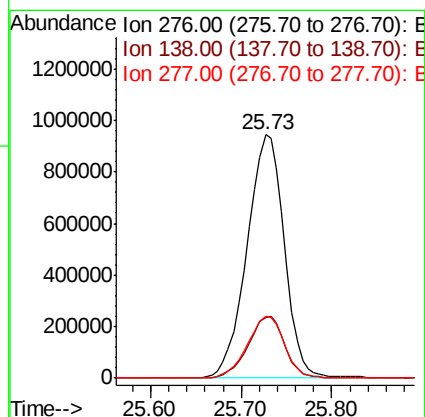
RT: 25.73 min Scan# 3866

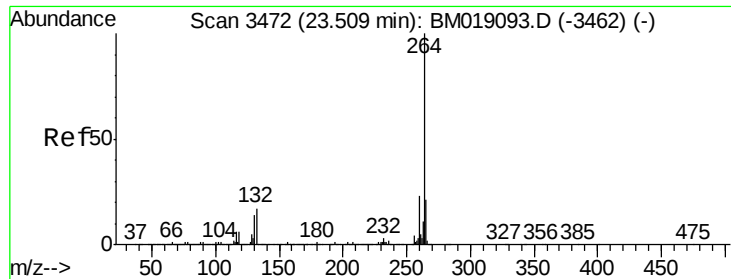
Delta R.T. -0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2694825 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 24.8  | 19.6  | 29.4    |
| 277      | 25.5  | 20.2  | 30.4    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

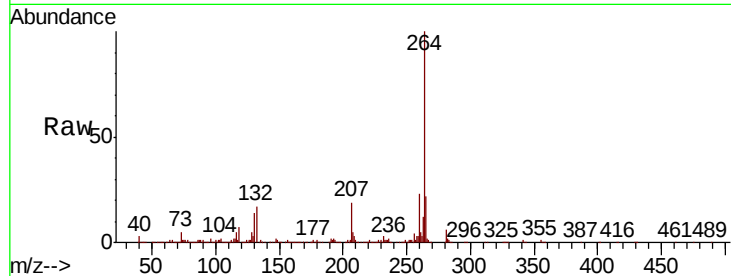
ClientSampleId :

PB118092BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 895940 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.3  | 19.0  | 28.4   |
| 265       | 22.0  | 17.6  | 26.4   |

Manual Integrations  
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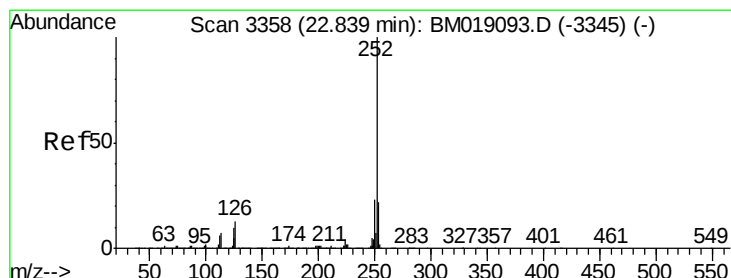
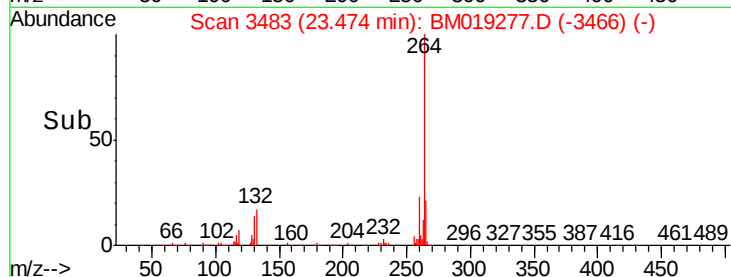
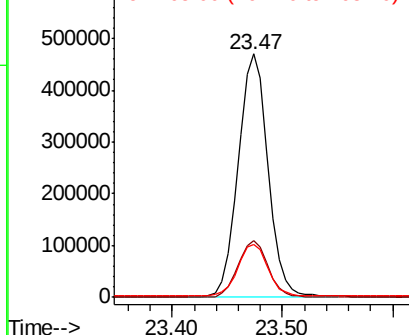


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.251 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

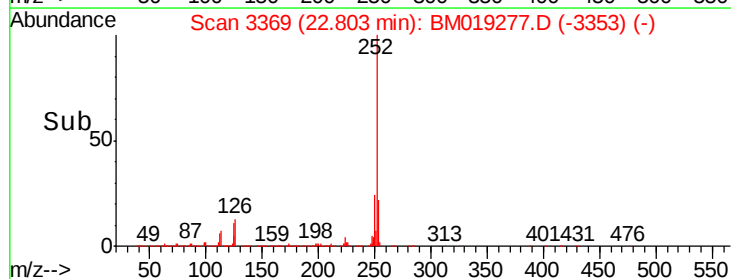
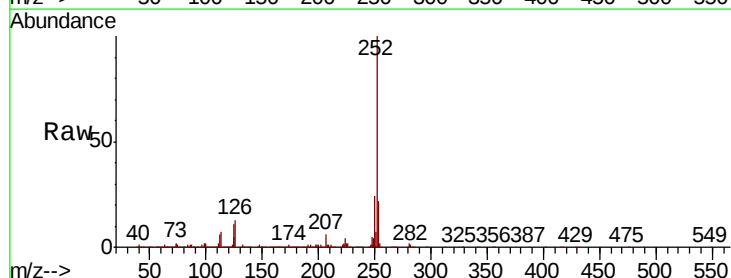
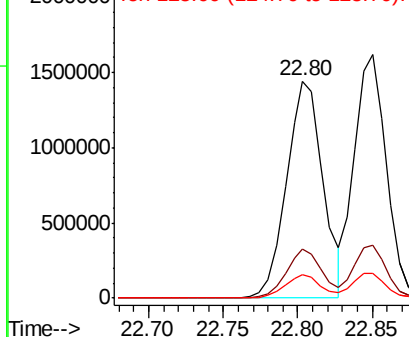
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 2452856 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.4  | 17.4  | 26.2    |
| 125       | 10.6  | 8.2   | 12.4    |

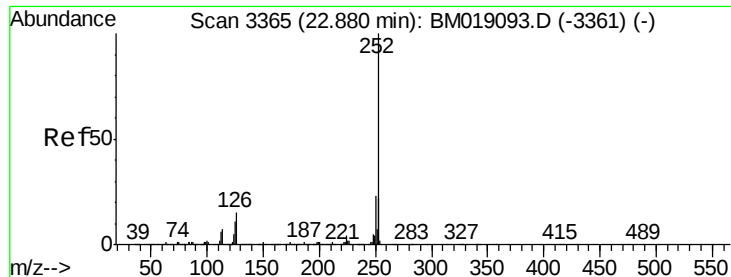
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





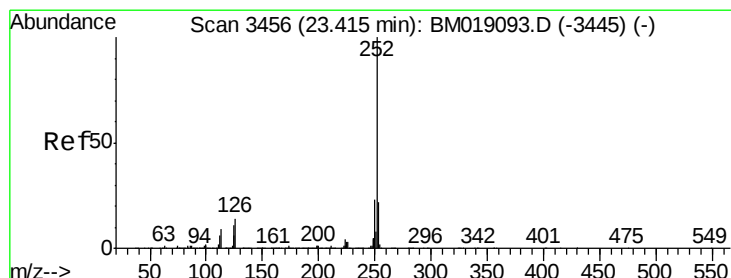
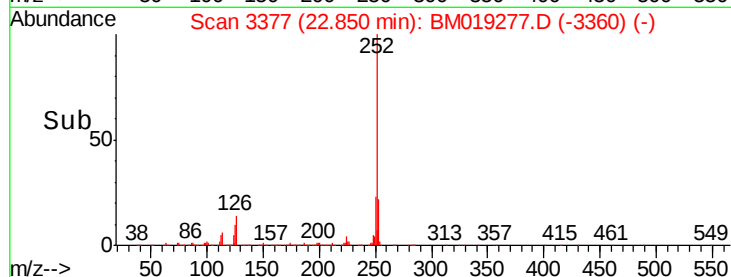
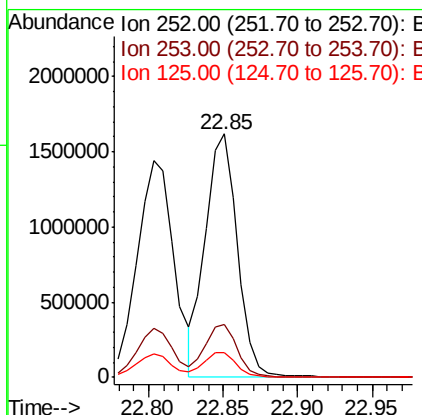
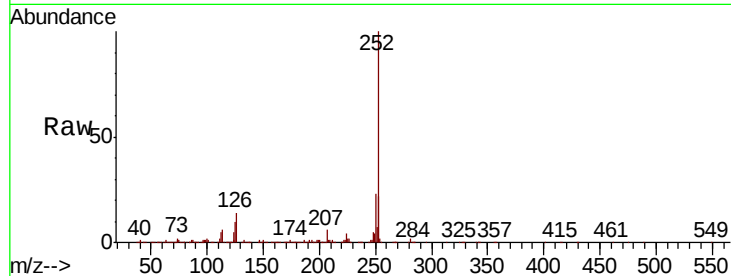
#89  
Benzo(k)fluoranthene  
Concen: 44.998 ng  
RT: 22.85 min Scan# 3377  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

Instrument :  
BNA\_M  
ClientSampleId :  
PB118092BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.7  | 26.5  |
| 125     | 10.1  | 8.6   | 12.8  |

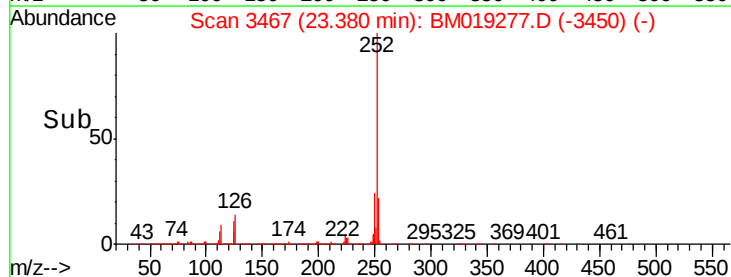
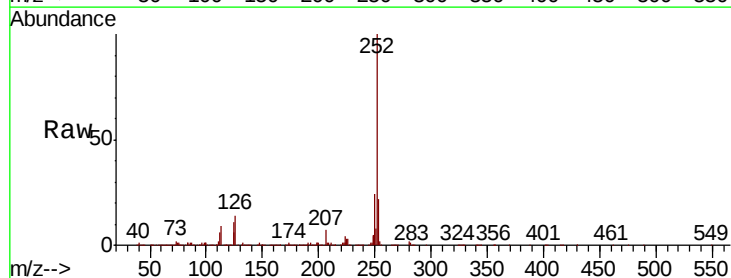
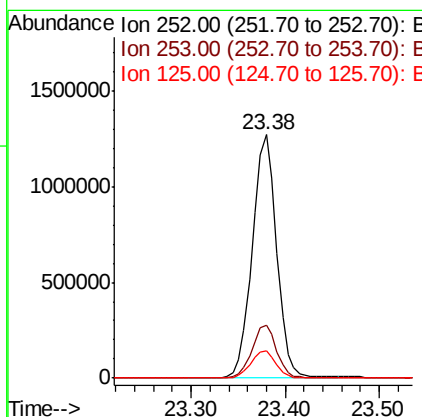
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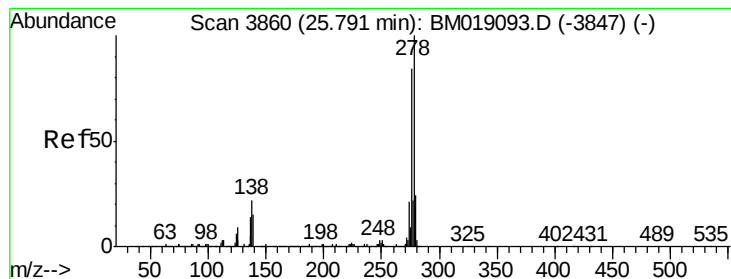
Sohil  
3/22/2019 6:04:55 PM



#90  
Benzo(a)pyrene  
Concen: 43.814 ng  
RT: 23.38 min Scan# 3467  
Delta R.T. 0.00 min  
Lab File: BM019277.D  
Acq: 21 Mar 2019 00:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.6  | 26.4  |
| 125     | 11.4  | 9.2   | 13.8  |





#91

Dibenzo(a,h)anthracene

Concen: 46.198 ng

RT: 25.74 min Scan# 3868

Delta R.T. 0.00 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

Instrument :

BNA\_M

ClientSampleId :

PB118092BSD

Tot Ion:278 Resp: 2305650

Ion Ratio Lower Upper

278 100

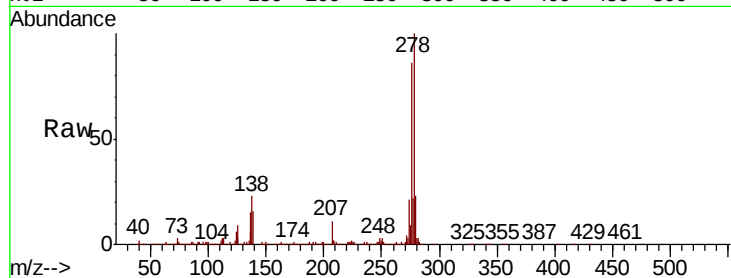
139 15.8 12.6 19.0

279 23.3 18.9 28.3

Manual Integrations  
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Sohil

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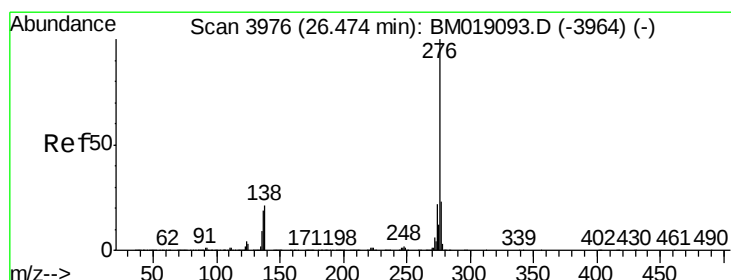
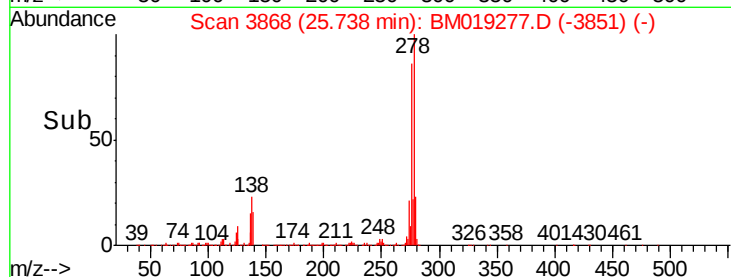
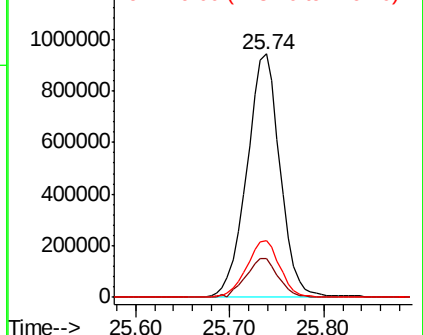


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.929 ng

RT: 26.41 min Scan# 3983

Delta R.T. -0.01 min

Lab File: BM019277.D

Acq: 21 Mar 2019 00:24

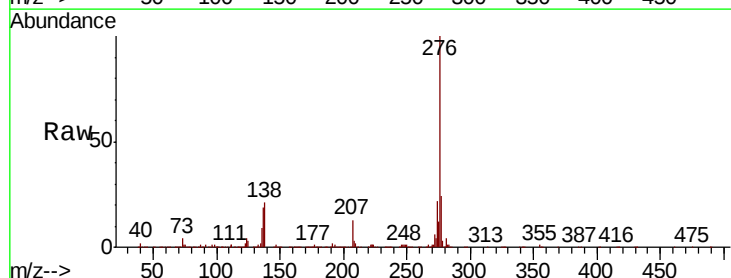
Tgt Ion:276 Resp: 2196100

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 21.0 16.9 25.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

