

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090917\  
 Data File : BM011483.D  
 Acq On : 09 Sep 2017 12:47  
 Operator : SJ/JU  
 Sample : MDL-W-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 MDL-W-05

Manual Integrations  
 APPROVED

Sohil  
 9/11/2017 2:43:40 PM

Quant Time: Sep 11 09:11:21 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 02:59:45 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 409868   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.79 | 136  | 1867849  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.61 | 164  | 1110302  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.34 | 188  | 2515101  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.51 | 240  | 2984448  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.88 | 264  | 2898708  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 45696   | 5.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.13  | 99  | 1152923 | 29.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.30  | 67  | 839298  | 31.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.50  | 132 | 921510  | 31.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.67  | 113 | 939163  | 30.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.14  | 128 | 458665  | 32.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.86  | 143 | 464642  | 31.53 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.40 | 165 | 899935  | 30.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.92 | 131 | 1295060 | 39.55 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.01 | 166 | 3064176 | 32.64 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.30 | 160 | 3722805 | 32.79 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.79 | 143 | 477804  | 27.09 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.60 | 176 | 2603182 | 32.02 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.70 | 200 | 379332  | 25.92 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.44 | 188 | 4022145 | 32.47 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.73 | 212 | 4505768 | 32.24 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.73 | 264 | 4564490 | 33.04 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 18292  | 1.832 ng/uL# | 63     |
| 4) Benzaldehyde                | 7.12  | 77  | 56224  | 2.500 ng/ul  | 93     |
| 6) Phenol                      | 7.15  | 94  | 154475 | 3.954 ng/ul  | 98     |
| 8) Bis(2-Chloroethyl)ether     | 7.39  | 93  | 133195 | 4.331 ng/ul# | 87     |
| 10) 2-Chlorophenol             | 7.54  | 128 | 118987 | 4.112 ng/ul  | 96     |
| 11) 2-Methylphenol             | 8.41  | 108 | 110681 | 3.737 ng/ul  | 92     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.51  | 45  | 216534 | 4.344 ng/ul  | 94     |
| 14) Acetophenone               | 8.80  | 105 | 195852 | 4.170 ng/ul# | 94     |
| 15) N-Nitroso-di-n-propylamine | 8.78  | 70  | 99782  | 3.959 ng/ul# | 79     |
| 16) 4-Methylphenol             | 8.73  | 108 | 125095 | 3.860 ng/ul  | 98     |
| 17) Hexachloroethane           | 9.06  | 117 | 45905  | 4.150 ng/ul# | 78     |
| 20) Nitrobenzene               | 9.18  | 77  | 139788 | 4.193 ng/ul  | 96     |
| 21) Isophorone                 | 9.70  | 82  | 269281 | 4.011 ng/ul# | 98     |
| 23) 2-Nitrophenol              | 9.89  | 139 | 65639  | 4.238 ng/ul# | 93     |
| 24) 2,4-Dimethylphenol         | 9.95  | 107 | 133443 | 4.027 ng/ul  | 89     |
| 25) Bis(2-Chloroethoxy)methane | 10.19 | 93  | 180976 | 4.135 ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.43 | 162 | 117279 | 4.099 ng/ul  | 93     |
| 28) Naphthalene                | 10.83 | 128 | 418378 | 4.319 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.94 | 127 | 151886 | 4.882 ng/ul  | 95     |
| 31) Hexachlorobutadiene        | 11.12 | 225 | 70013  | 4.312 ng/ul  | 96     |
| 32) Caprolactam                | 11.75 | 113 | 32151m | 3.570 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 12.05 | 107 | 115809 | 3.818 ng/ul  | 94     |
| 34) 2-Methylnaphthalene        | 12.44 | 142 | 299549 | 4.165 ng/ul  | 97     |

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Manual Integrations  
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Quant Time: Sep 11 09:11:21 2017  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 02:59:45 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.66 | 142  | 289359   | 4.224 | ng/ul# | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216  | 141470   | 4.295 | ng/ul# | 98       |
| 38) Hexachlorocyclopentadiene  | 12.78 | 237  | 55474    | 3.005 | ng/ul# | 92       |
| 39) 2,4,6-Trichlorophenol      | 13.04 | 196  | 83144    | 3.708 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 13.11 | 196  | 81176    | 3.570 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.44 | 154  | 386279   | 4.181 | ng/ul# | 95       |
| 42) 2-Chloronaphthalene        | 13.49 | 162  | 285796   | 4.111 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.69 | 65   | 67934    | 3.146 | ng/ul  | 83       |
| 45) Dimethylphthalate          | 14.06 | 163  | 384613   | 4.280 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.18 | 165  | 54504    | 3.434 | ng/ul# | 88       |
| 48) Acenaphthylene             | 14.33 | 152  | 492414   | 4.310 | ng/ul  | 100      |
| 49) 3-Nitroaniline             | 14.51 | 138  | 55935    | 2.858 | ng/ul# | 99       |
| 50) Acenaphthene               | 14.67 | 153  | 324886   | 4.208 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.72 | 184  | 23764    | 2.423 | ng/ul# | 71       |
| 53) 4-Nitrophenol              | 14.80 | 109  | 42085    | 3.712 | ng/ul# | 48       |
| 54) Dibenzofuran               | 15.00 | 168  | 470065   | 4.353 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.96 | 165  | 82356    | 3.530 | ng/ul# | 70       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 75328    | 3.635 | ng/ul# | 75       |
| 57) Diethylphthalate           | 15.42 | 149  | 375393   | 4.014 | ng/ul  | 97       |
| 59) Fluorene                   | 15.65 | 166  | 382482   | 4.226 | ng/ul  | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.64 | 204  | 176677   | 4.166 | ng/ul# | 88       |
| 61) 4-Nitroaniline             | 15.66 | 138  | 65664    | 3.132 | ng/ul# | 80       |
| 64) 4,6-Dinitro-2-methylphenol | 15.72 | 198  | 53740    | 3.584 | ng/ul# | 80       |
| 65) N-Nitrosodiphenylamine     | 15.86 | 169  | 315341   | 4.116 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.53 | 248  | 102210   | 3.979 | ng/ul# | 89       |
| 67) Hexachlorobenzene          | 16.65 | 284  | 116628   | 4.124 | ng/ul# | 88       |
| 68) Atrazine                   | 16.80 | 200  | 91810    | 3.459 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 16.99 | 266  | 54643    | 3.009 | ng/ul  | 97       |
| 70) Phenanthrene               | 17.39 | 178  | 592282   | 4.225 | ng/ul  | 99       |
| 72) Anthracene                 | 17.48 | 178  | 627355   | 4.361 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.41 | 216  | 139011   | 4.148 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.92 | 250  | 143558   | 4.223 | ng/uL  | 97       |
| 75) Carbazole                  | 17.74 | 167  | 505224   | 4.117 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.30 | 149  | 603272   | 3.742 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.39 | 202  | 660296   | 4.579 | ng/ul# | 88       |
| 80) Pyrene                     | 19.76 | 202  | 753121   | 4.325 | ng/ul# | 85       |
| 81) Butylbenzylphthalate       | 20.64 | 149  | 256986   | 3.209 | ng/ul# | 94       |
| 82) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 179691   | 3.315 | ng/ul# | 97       |
| 83) Benzo(a)anthracene         | 21.49 | 228  | 695041   | 4.230 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.40 | 149  | 398676   | 3.242 | ng/ul# | 96       |
| 85) Chrysene                   | 21.54 | 228  | 635723   | 4.267 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.32 | 149  | 694569   | 3.376 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.16 | 252  | 684780   | 3.927 | ng/ul# | 97       |
| 89) Benzo(k)fluoranthene       | 23.20 | 252  | 681049   | 4.067 | ng/ul# | 95       |
| 91) Benzo(a)pyrene             | 23.78 | 252  | 689977   | 4.192 | ng/ul# | 96       |
| 92) Indeno(1,2,3-cd)pyrene     | 26.31 | 276  | 746860   | 4.125 | ng/ul# | 87       |
| 93) Dibenzo(a,h)anthracene     | 26.33 | 278  | 628023   | 4.091 | ng/ul# | 93       |
| 94) Benzo(g,h,i)perylene       | 27.06 | 276  | 625647   | 4.267 | ng/ul# | 89       |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :  
MDL-W-05

Manual Integrations  
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QLast Update : Mon Sep 11 02:59:45 2017  
Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

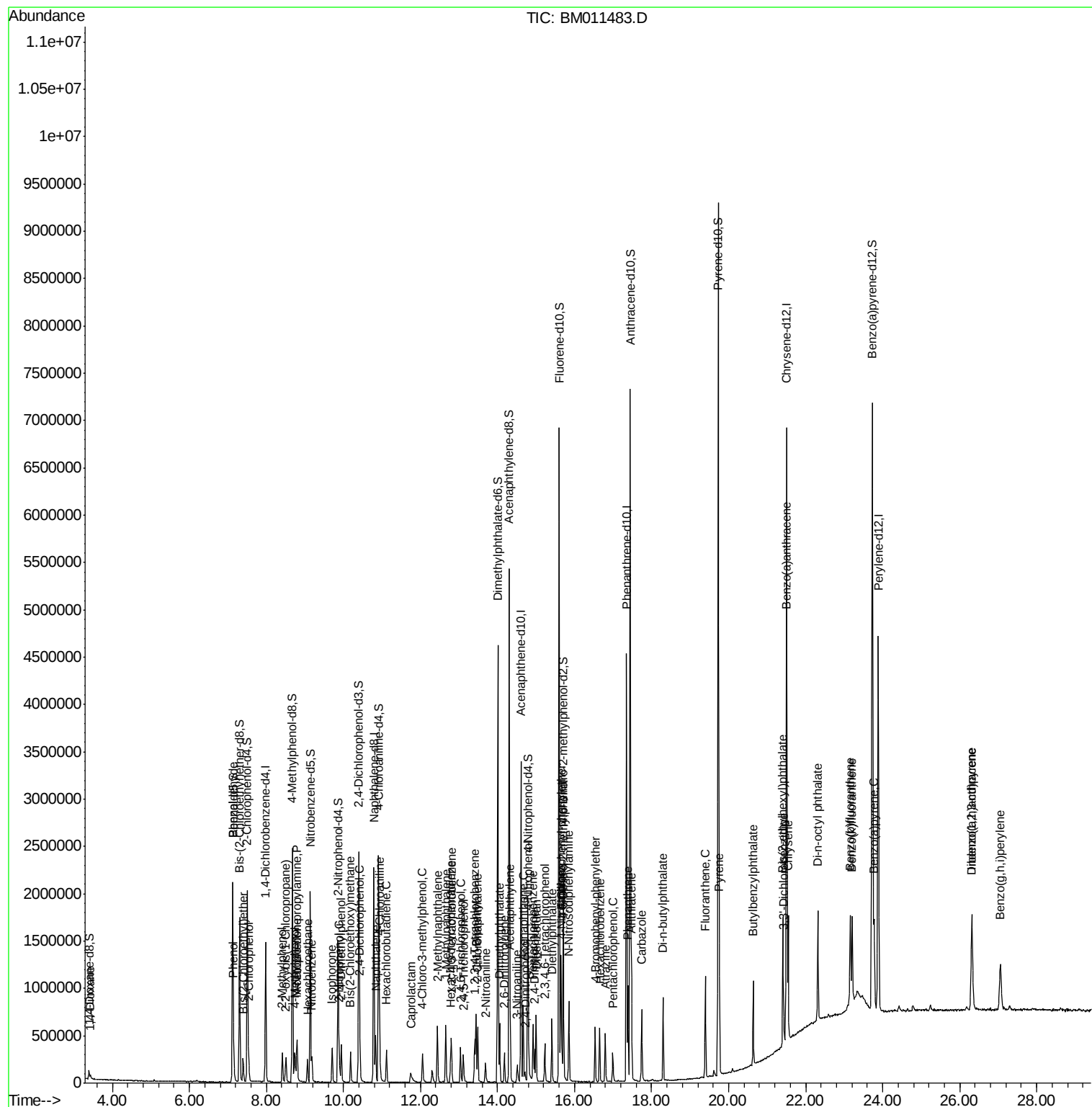
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM090917\  
Data File : BM011483.D  
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ALS Vial : 8 Sample Multiplier: 1

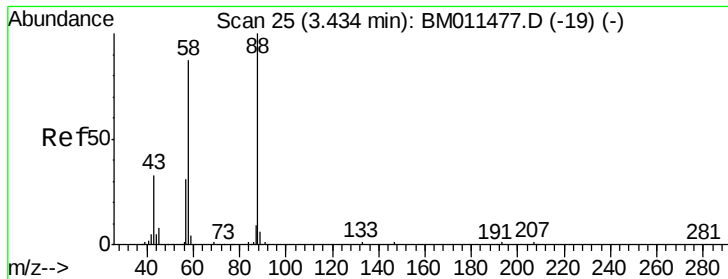
Instrument :  
BNA\_M  
ClientSampled :  
MDL-W-05

Manual Integrations  
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QLast Update : Mon Sep 11 02:59:45 2017  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.832 ng/uL

RT: 3.43 min Scan# 25

Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

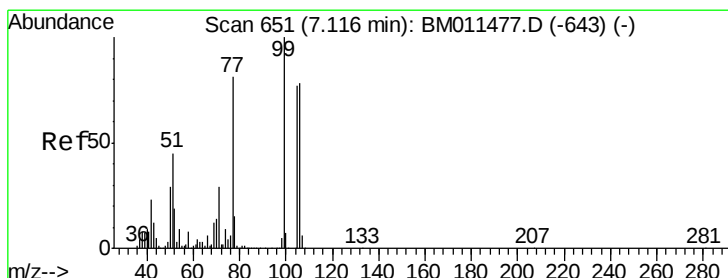
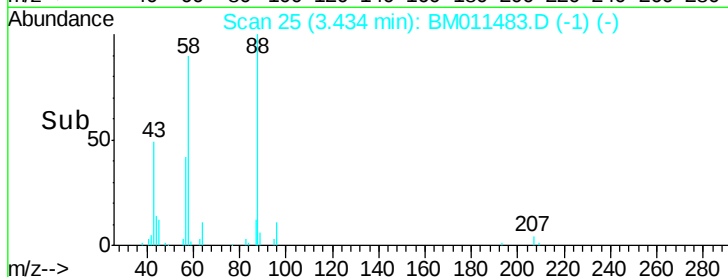
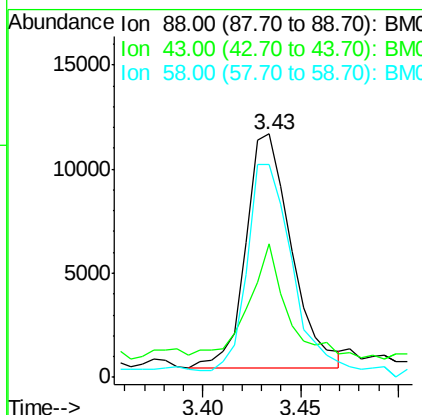
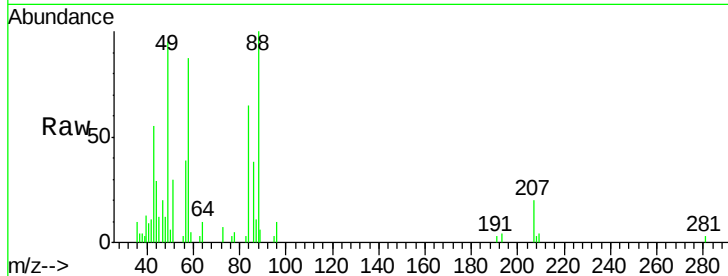
ClientSampleId :

MDL-W-05

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 88   | Resp: | 18292 |
| Ion Ratio |      | Lower | Upper |
| 88        | 100  |       |       |
| 43        | 55.0 | 29.0  | 43.4# |
| 58        | 87.3 | 45.9  | 68.9# |

Manual Integrations  
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#4

Benzaldehyde

Concen: 2.500 ng/uL

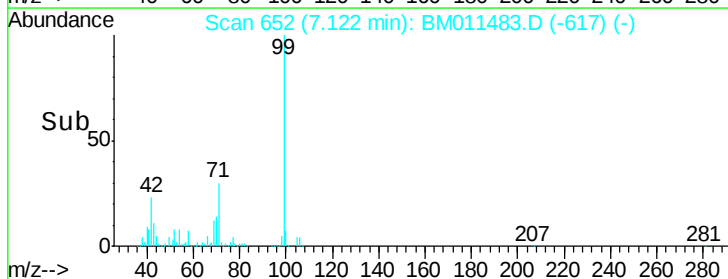
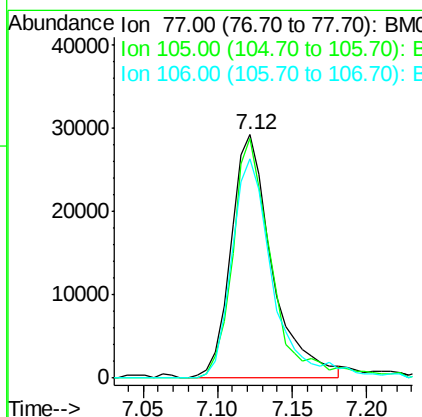
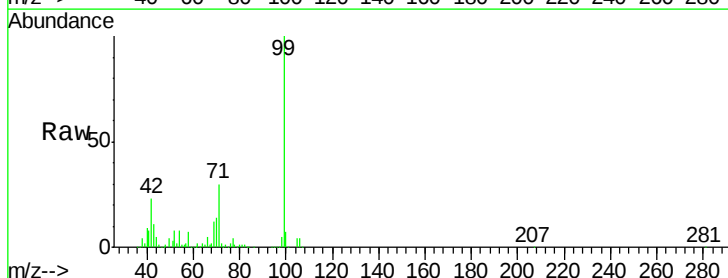
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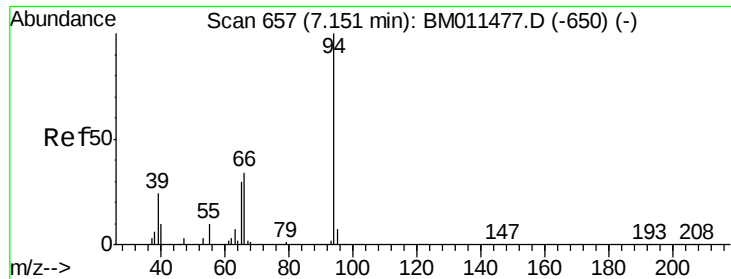
Delta R.T. 0.01 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 77   | Resp: | 56224 |
| Ion Ratio |      | Lower | Upper |
| 77        | 100  |       |       |
| 105       | 98.3 | 71.0  | 106.6 |
| 106       | 90.3 | 69.5  | 104.3 |





#6

Phenol

Concen: 3.954 ng/ul

RT: 7.15 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

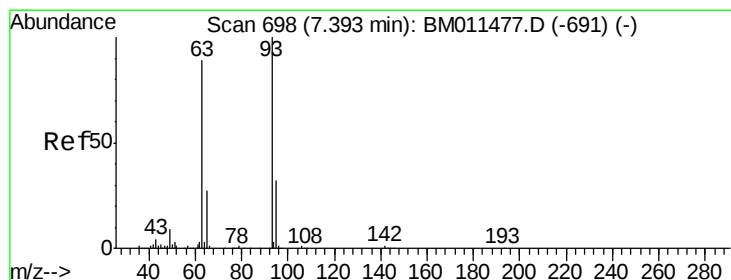
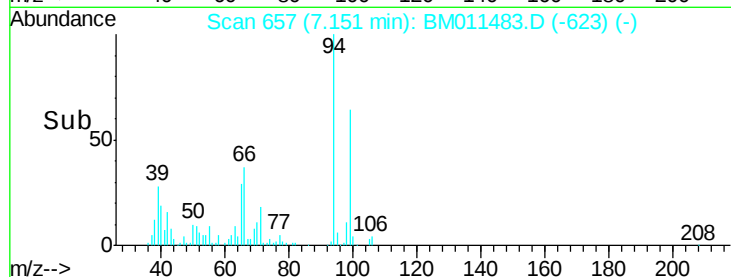
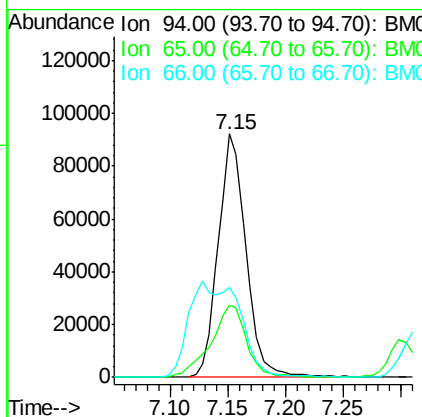
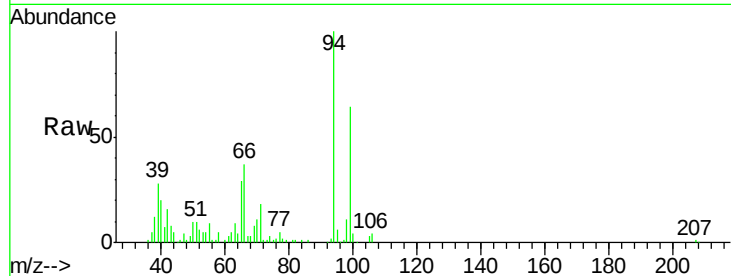
ClientSampled :

MDL-W-05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 154475 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.5  | 23.0  | 34.6   |
| 66       | 36.7  | 30.4  | 45.6   |

Manual Integrations  
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#8

Bis(2-Chloroethyl)ether

Concen: 4.331 ng/ul

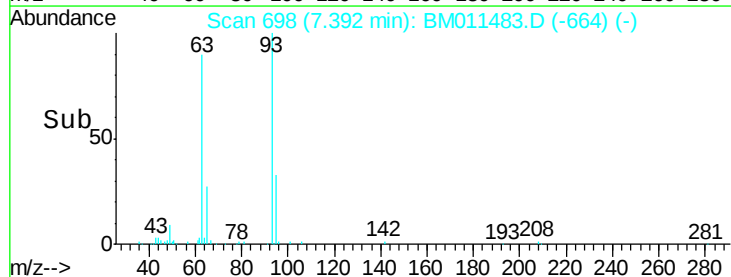
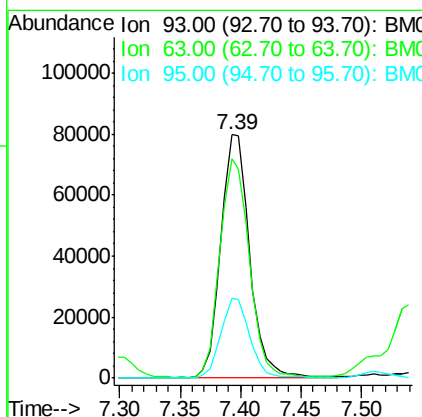
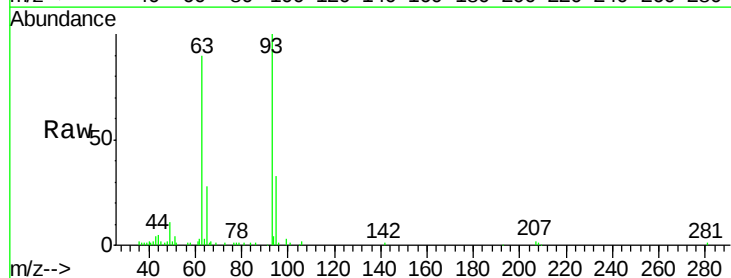
RT: 7.39 min Scan# 698

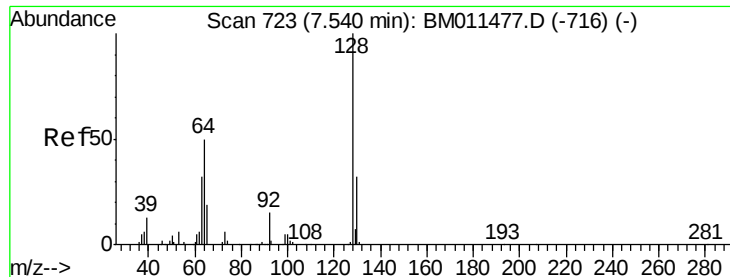
Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 133195 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 89.9  | 59.4  | 89.2#  |
| 95       | 32.9  | 26.4  | 39.6   |





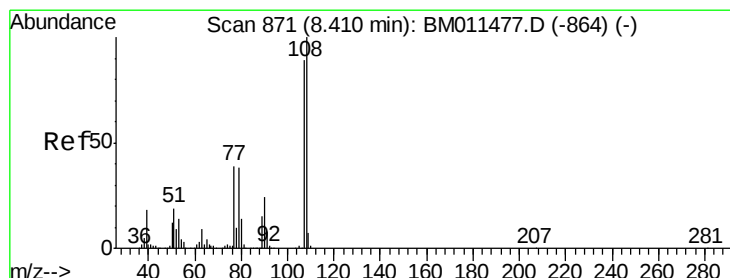
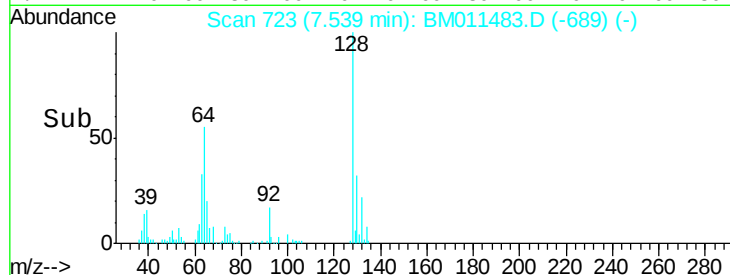
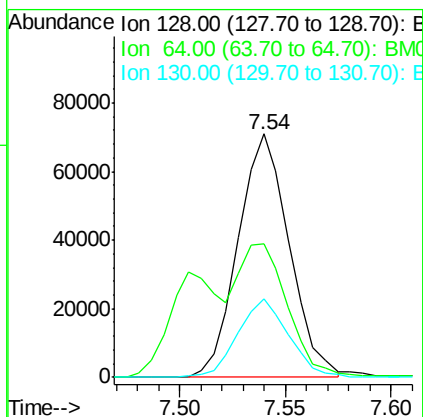
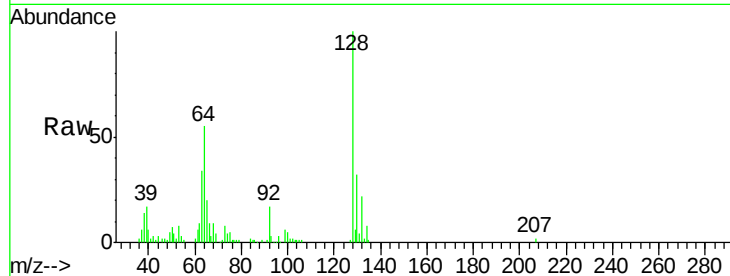
#10  
2-Chlorophenol  
Concen: 4.112 ng/ul  
RT: 7.54 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 118987 |       |       |
| 64      | 54.6  | 39.8   | 59.6  |       |
| 130     | 32.1  | 25.8   | 38.8  |       |

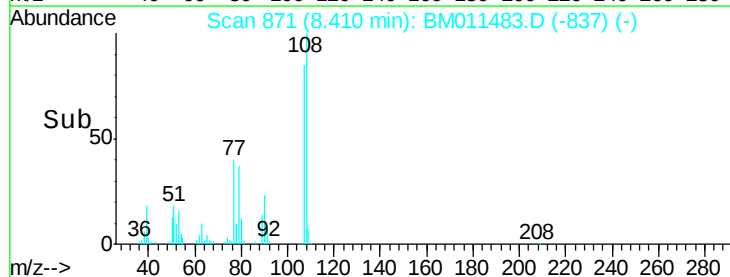
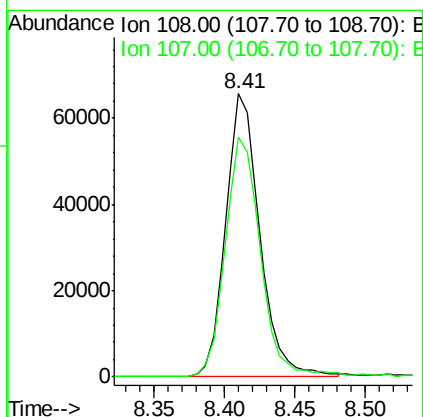
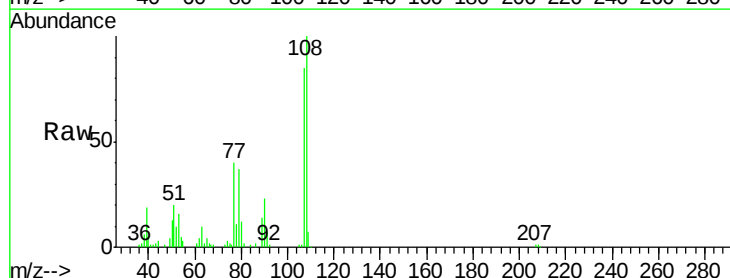
Manual Integrations  
APPROVED

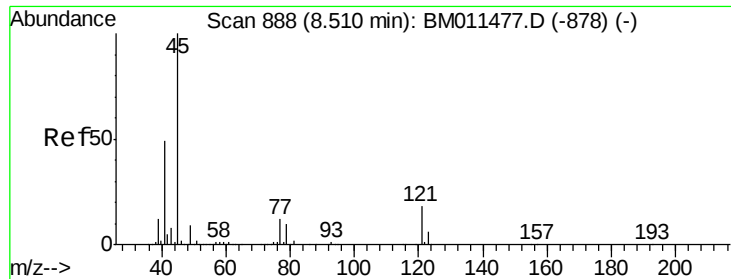
Sohil  
9/11/2017 2:43:40 PM



#11  
2-Methylphenol  
Concen: 3.737 ng/ul  
RT: 8.41 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 108     | 100   | 110681 |       |       |
| 107     | 84.7  | 74.1   | 111.1 |       |





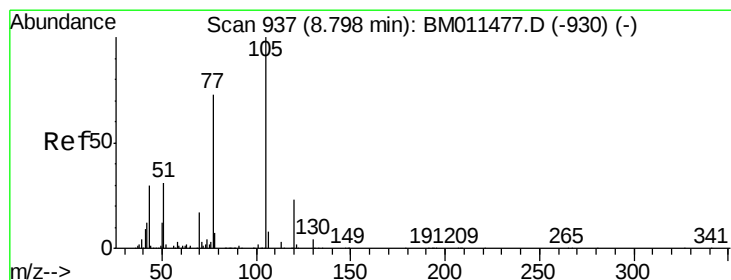
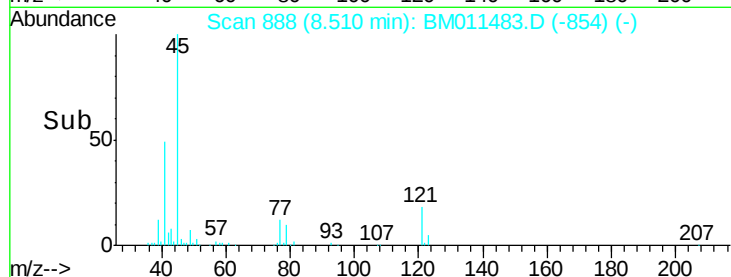
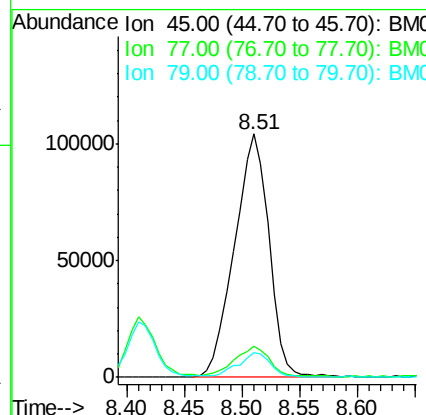
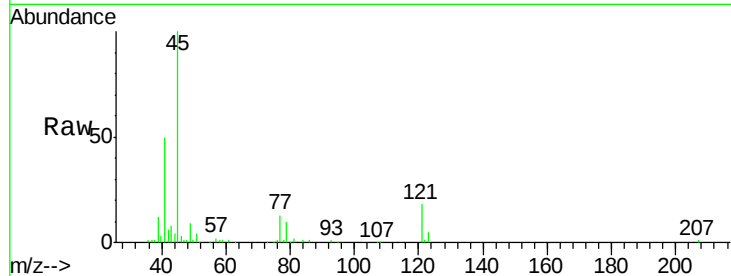
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.344 ng/ul  
RT: 8.51 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampled :  
MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 216534 |       |       |
| 77      | 12.7  |        | 12.5  | 18.7  |
| 79      | 10.0  |        | 9.4   | 14.2  |

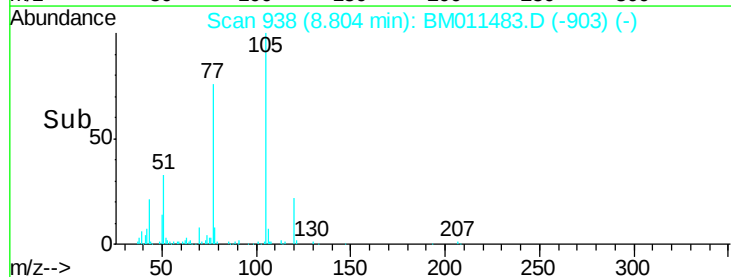
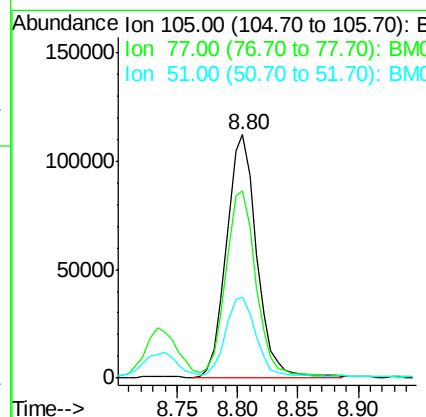
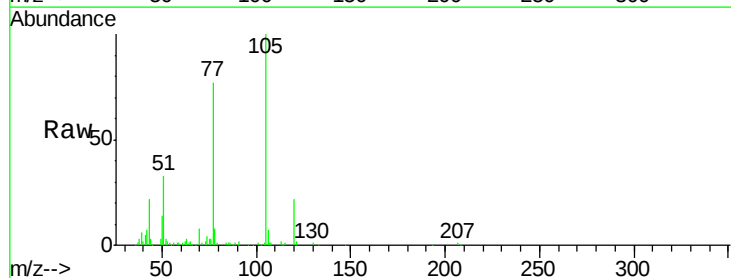
Manual Integrations  
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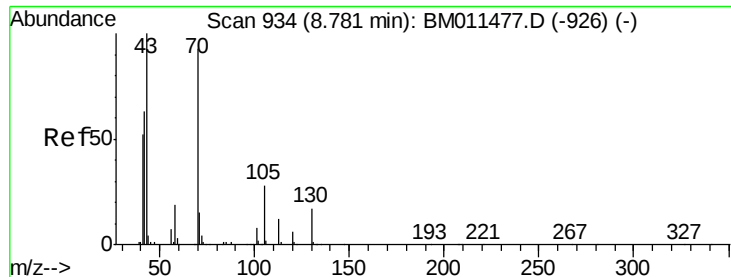
Sohil  
9/11/2017 2:43:40 PM



#14  
Acetophenone  
Concen: 4.170 ng/ul  
RT: 8.80 min Scan# 938  
Delta R.T. 0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 195852 |       |       |
| 77      | 77.0  |        | 63.2  | 94.8  |
| 51      | 33.2  |        | 19.8  | 29.8  |





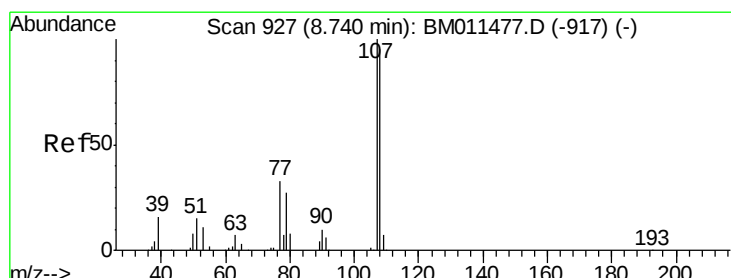
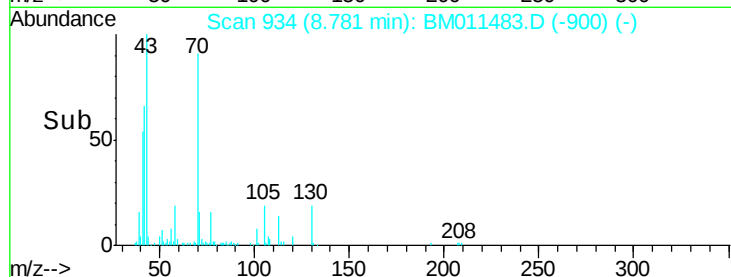
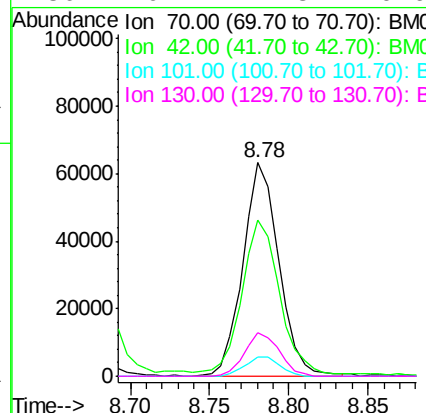
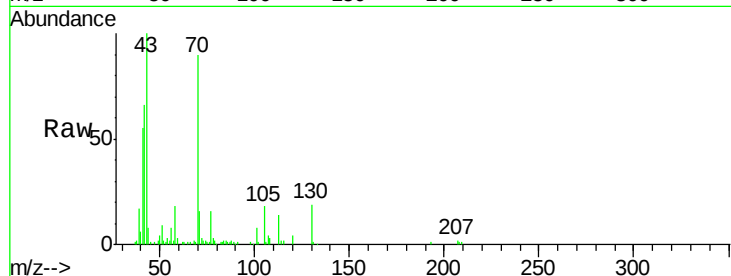
#15  
N-Nitroso-di-n-propylamine  
Concen: 3.959 ng/ul  
RT: 8.78 min Scan# 934  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 73.4  | 40.2  | 60.4# |
| 101     | 9.1   | 7.7   | 11.5  |
| 130     | 20.7  | 17.8  | 26.6  |

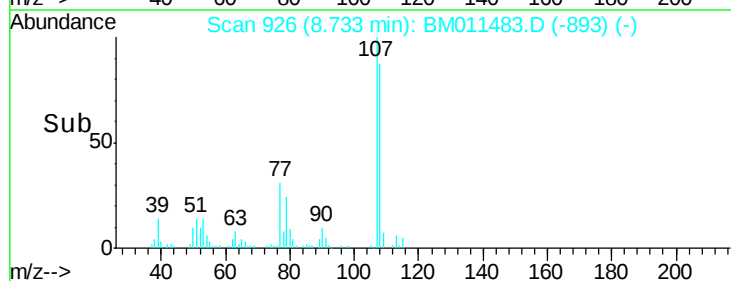
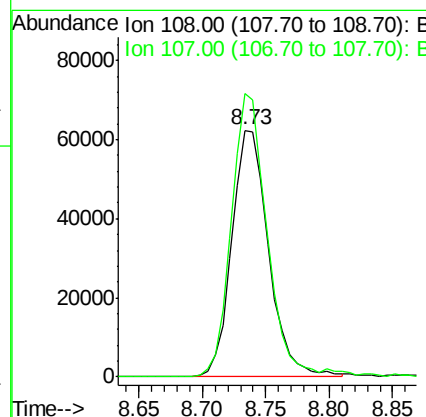
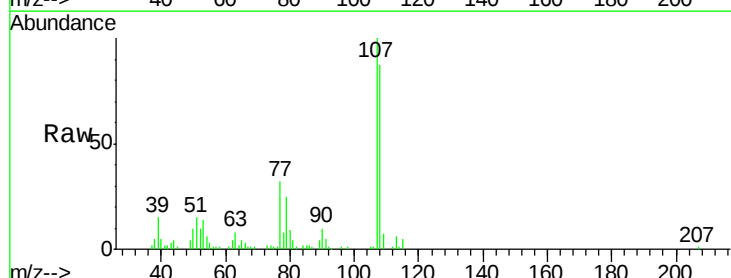
Manual Integrations  
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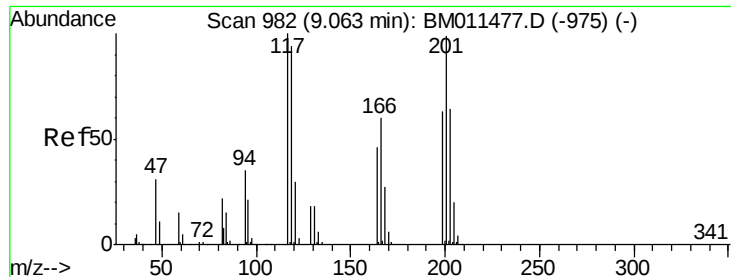
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9/11/2017 2:43:40 PM



#16  
4-Methylphenol  
Concen: 3.860 ng/ul  
RT: 8.73 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 114.8 | 93.6  | 140.4 |





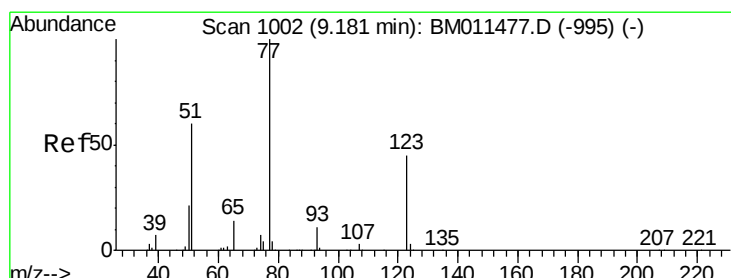
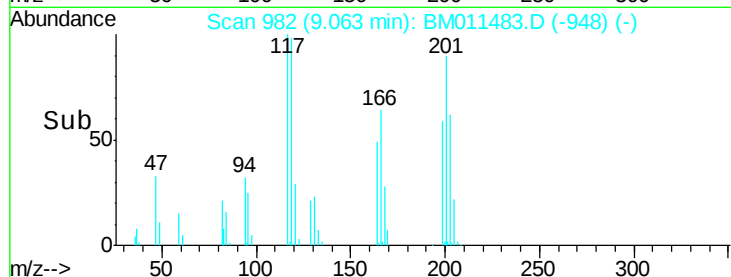
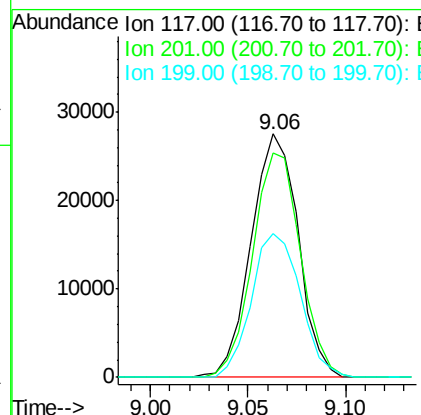
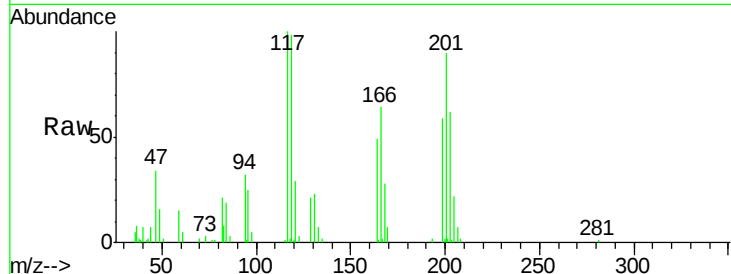
#17  
Hexachloroethane  
Concen: 4.150 ng/ul  
RT: 9.06 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 45905 |        |       |
| 201     | 92.2  | 96.1  | 144.1# |       |
| 199     | 61.0  | 59.7  | 89.5   |       |

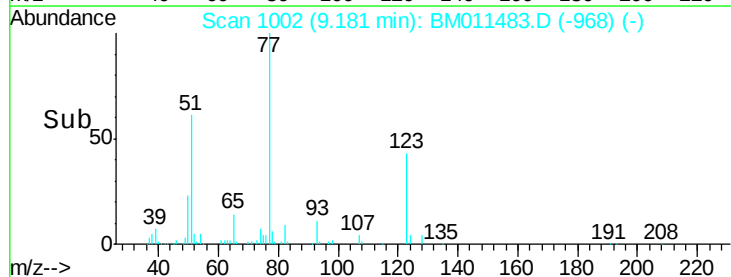
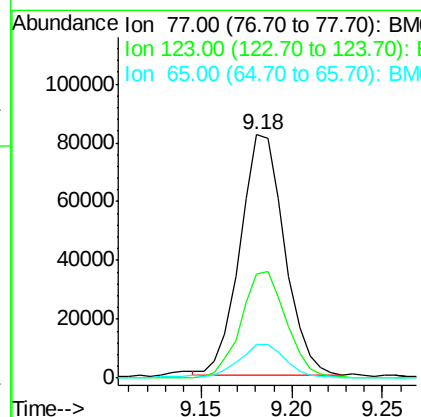
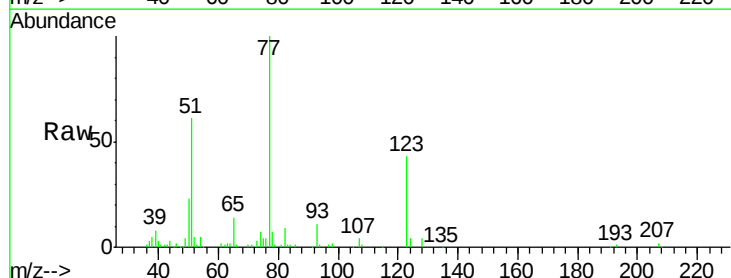
Manual Integrations  
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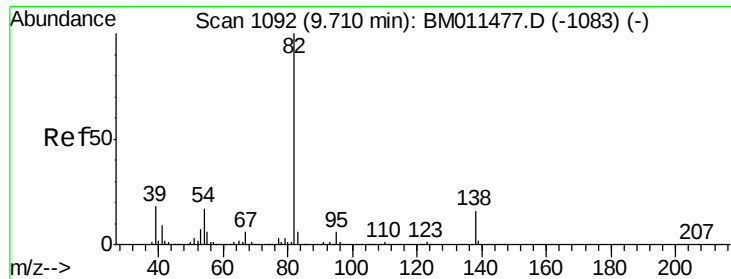
Sohil  
9/11/2017 2:43:40 PM



#20  
Nitrobenzene  
Concen: 4.193 ng/ul  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 139788 |       |       |
| 123     | 42.6  | 31.8   | 47.8  |       |
| 65      | 13.7  | 10.6   | 16.0  |       |





#21

Isophorone

Concen: 4.011 ng/ul

RT: 9.70 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

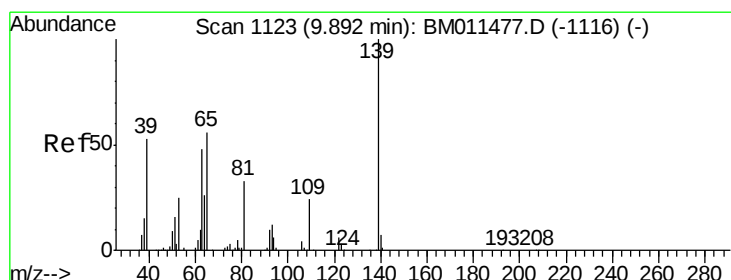
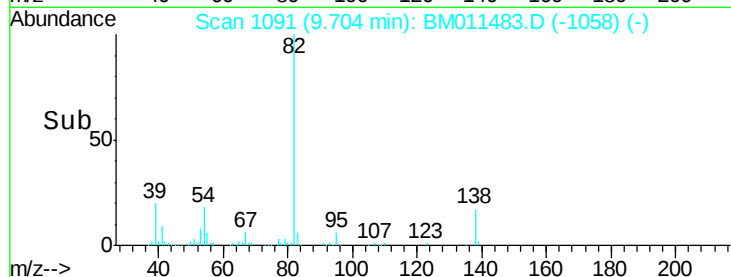
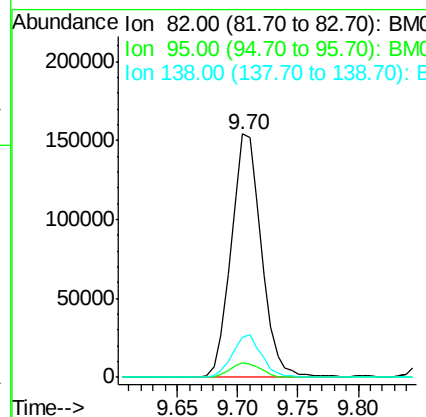
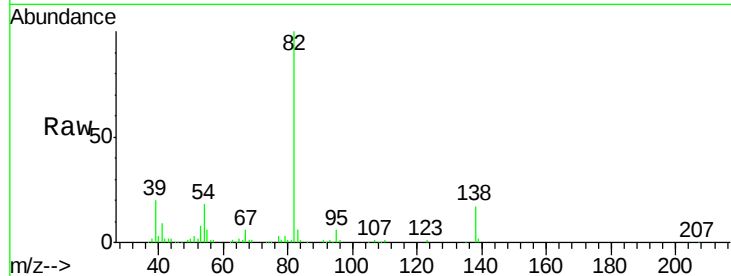
ClientSampleId :

MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 269281 |       |       |
| 95      | 6.0   | 6.1    | 9.1#  |       |
| 138     | 16.7  | 13.5   | 20.3  |       |

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#23

2-Nitrophenol

Concen: 4.238 ng/ul

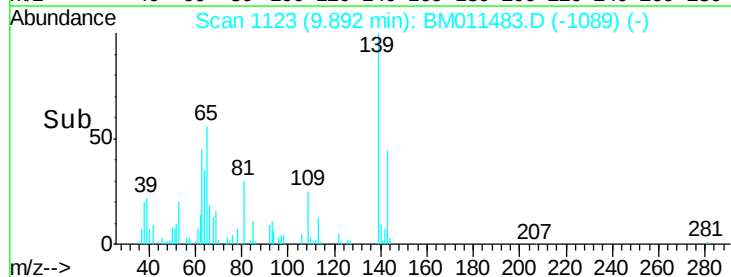
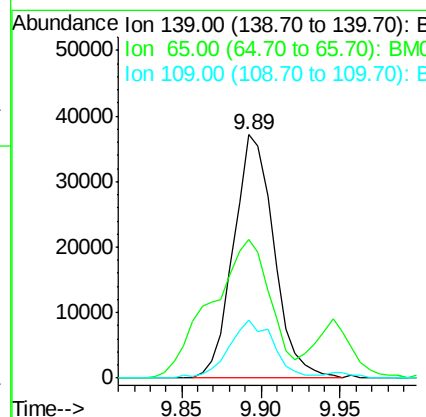
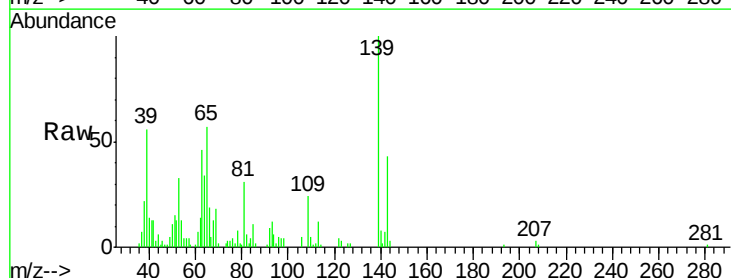
RT: 9.89 min Scan# 1123

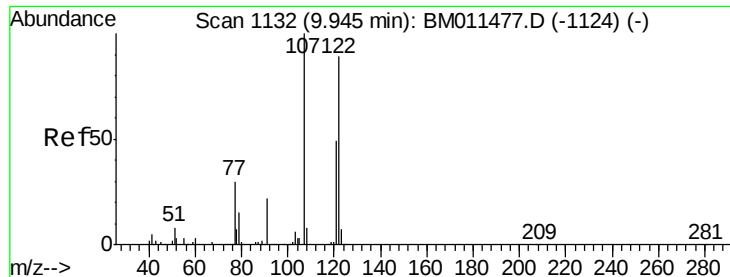
Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 65639 |       |       |
| 65      | 57.1  | 45.3  | 67.9  |       |
| 109     | 24.1  | 27.7  | 41.5# |       |





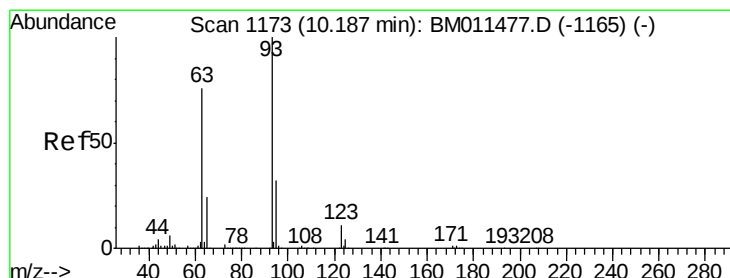
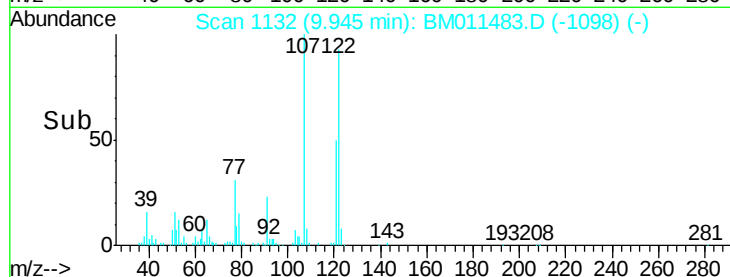
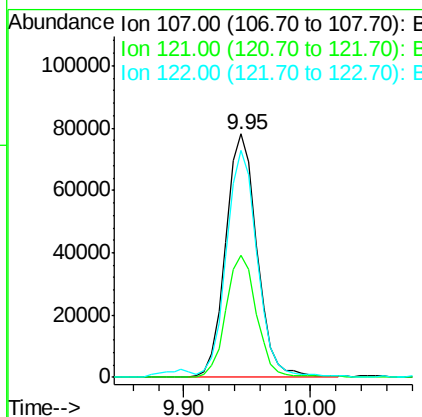
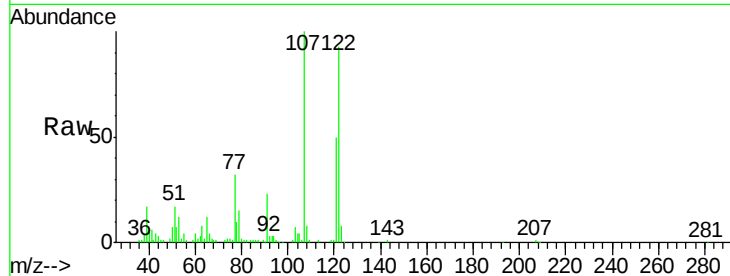
#24  
 2,4-Dimethylphenol  
 Concen: 4.027 ng/ul  
 RT: 9.95 min Scan# 1132  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampled :  
 MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 133443 |       |       |
| 121     | 49.9  | 38.1   | 57.1  |       |
| 122     | 93.1  | 63.8   | 95.8  |       |

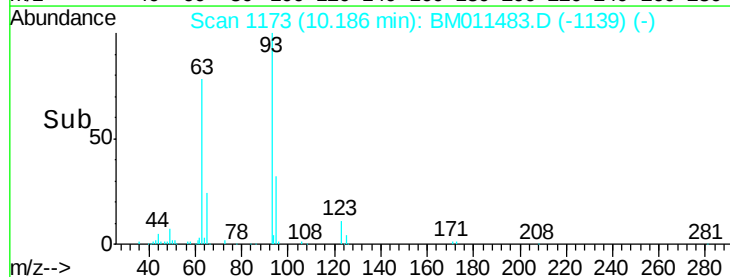
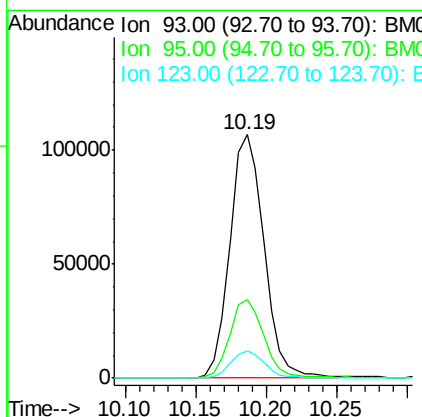
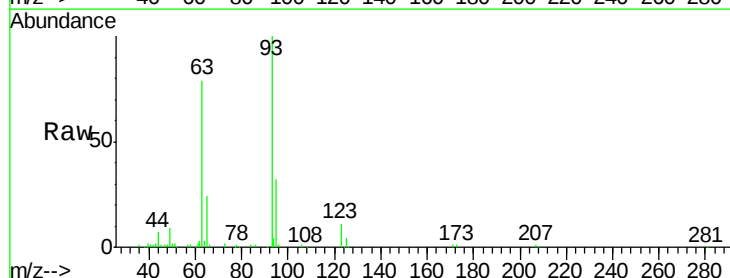
Manual Integrations  
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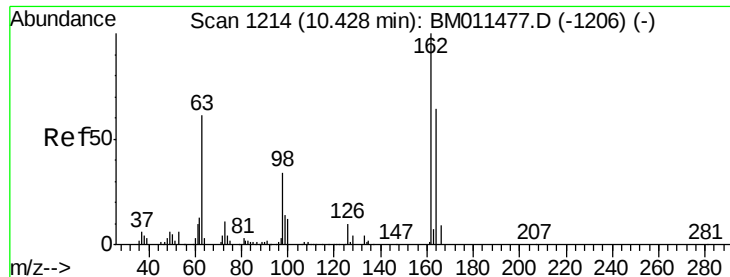
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 9/11/2017 2:43:40 PM



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.135 ng/ul  
 RT: 10.19 min Scan# 1173  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 180976 |       |       |
| 95      | 32.3  | 24.7   | 37.1  |       |
| 123     | 11.3  | 8.2    | 12.2  |       |





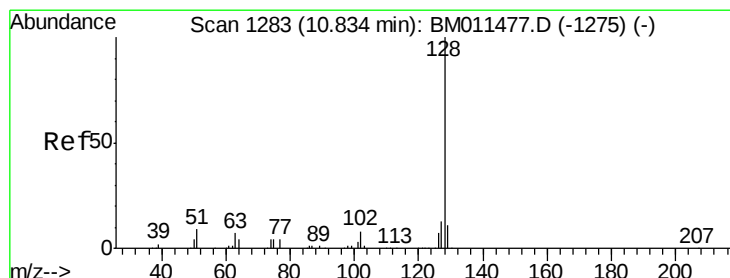
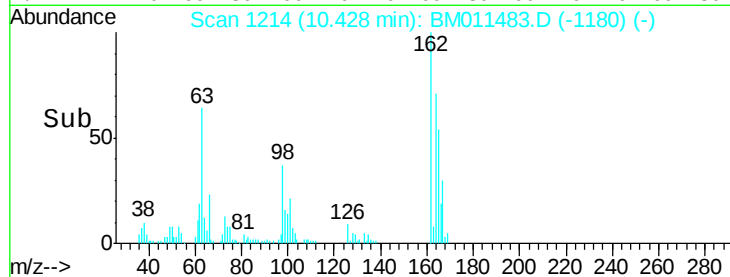
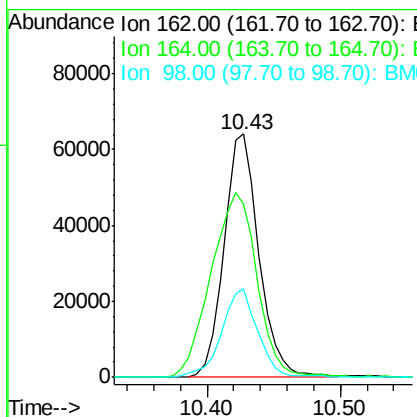
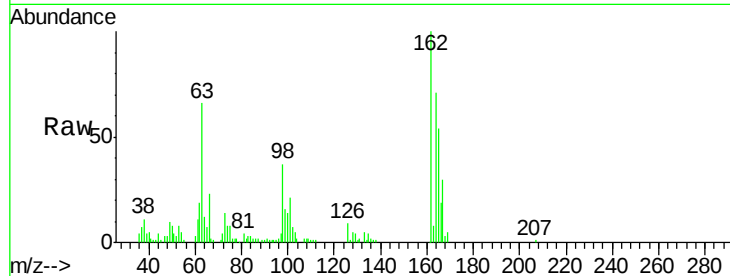
#27  
 2,4-Dichlorophenol  
 Concen: 4.099 ng/ul  
 RT: 10.43 min Scan# 1214  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 117279 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 70.9  | 52.0  | 78.0   |
| 98        | 36.7  | 26.6  | 39.8   |

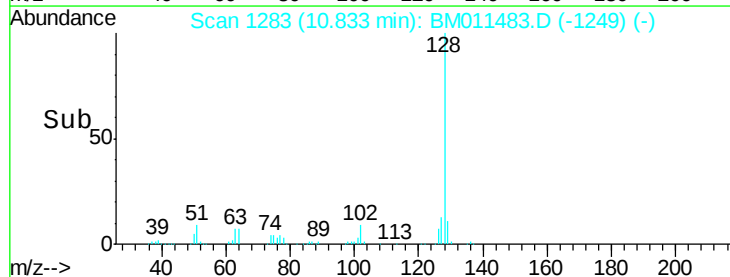
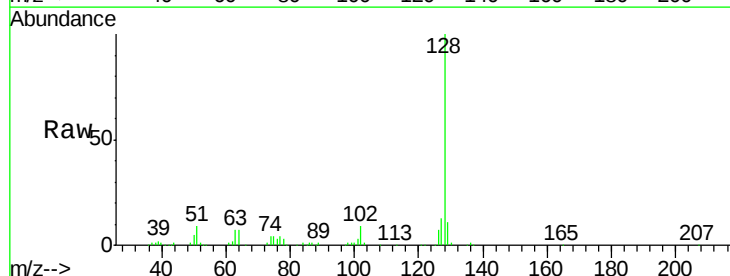
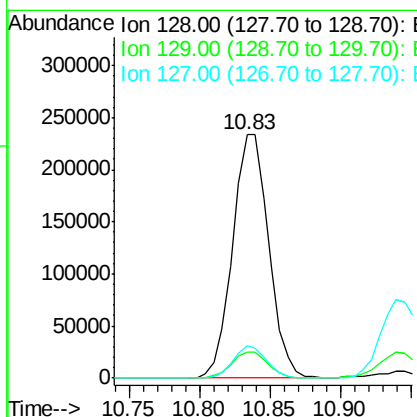
Manual Integrations  
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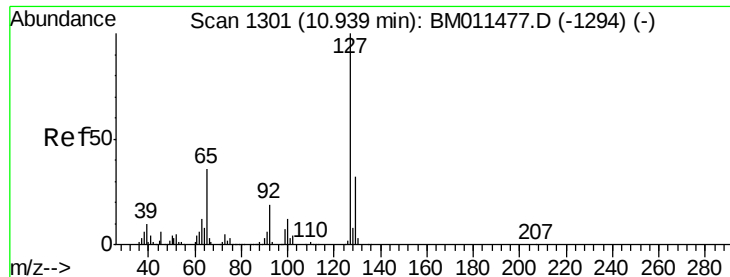
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#28  
 Naphthalene  
 Concen: 4.319 ng/ul  
 RT: 10.83 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 418378 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.9  | 8.3   | 12.5   |
| 127       | 13.1  | 10.8  | 16.2   |





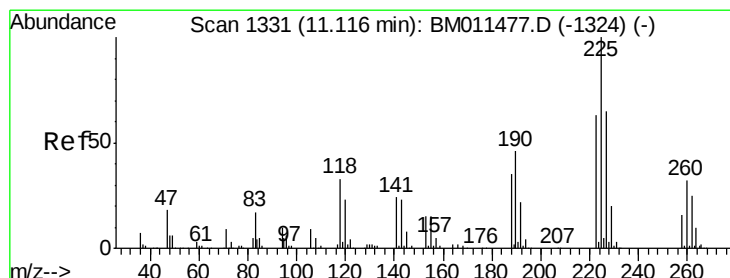
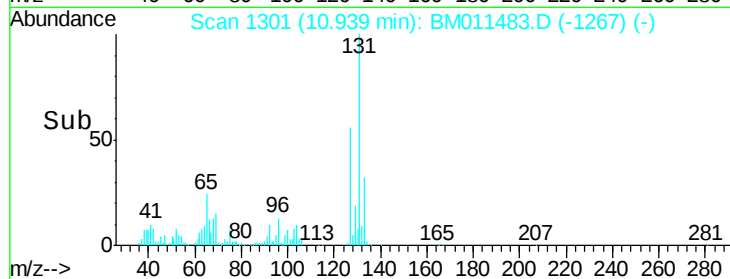
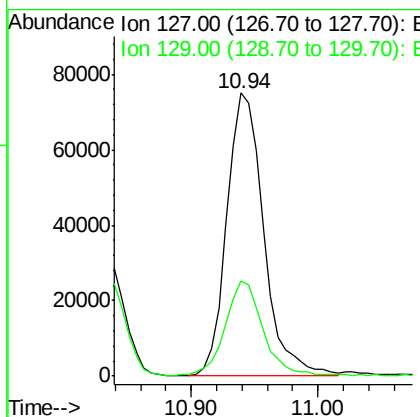
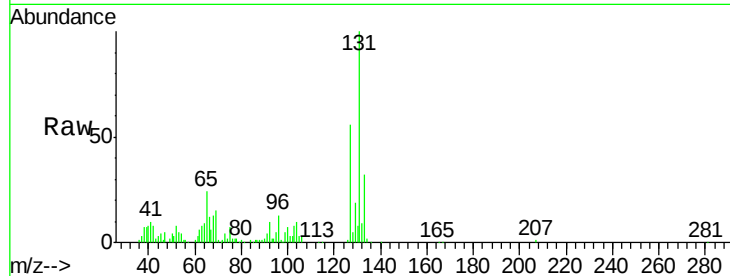
#30  
4-Chloroaniline  
Concen: 4.882 ng/ul  
RT: 10.94 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.6  | 24.6  | 37.0  |

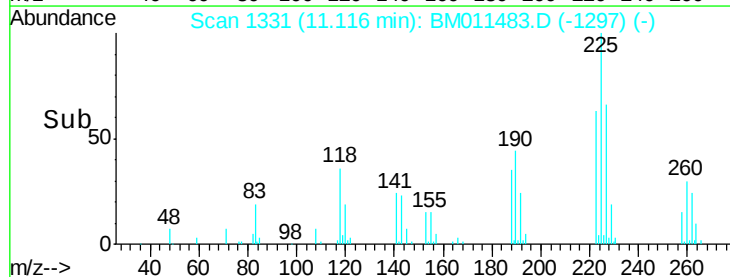
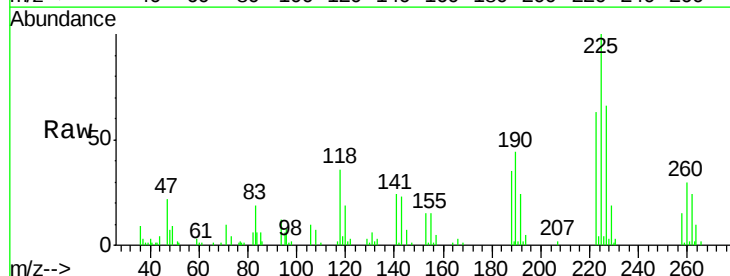
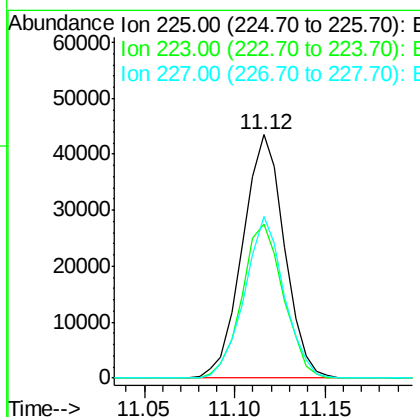
Manual Integrations  
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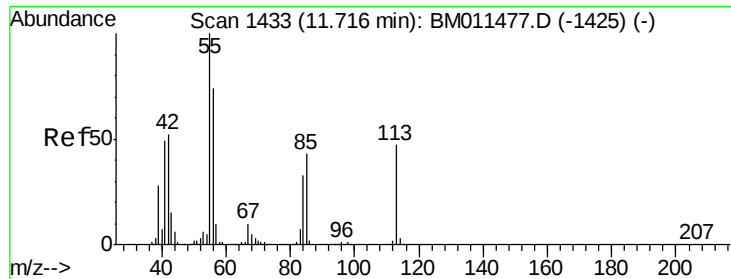
Sohil  
9/11/2017 2:43:40 PM



#31  
Hexachlorobutadiene  
Concen: 4.312 ng/ul  
RT: 11.12 min Scan# 1331  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 48.1  | 72.1  |
| 227     | 69.0  | 52.1  | 78.1  |





#32

Caprolactam

Concen: 3.570 ng/ul m

RT: 11.75 min Scan# 1438

Delta R.T. 0.03 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

ClientSampled :

MDL-W-05

Tgt Ion:113 Resp: 32151  
Ion Ratio Lower Upper

113 100

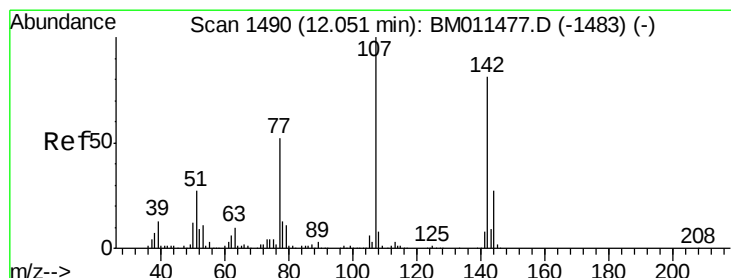
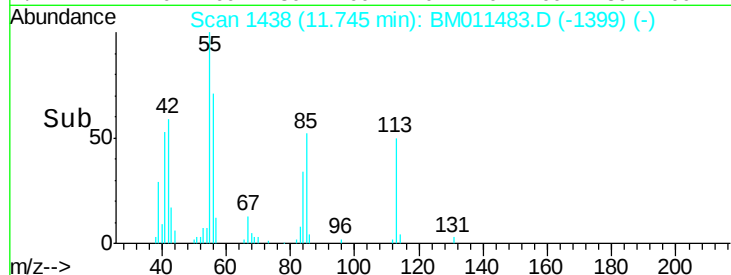
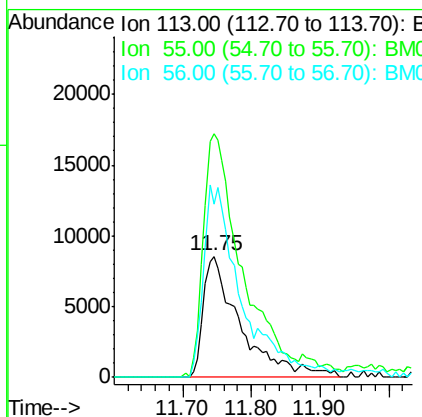
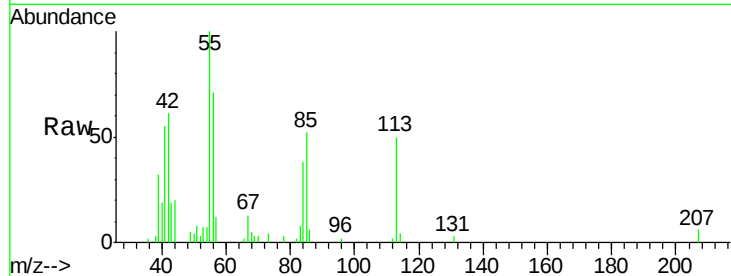
55 201.1 131.7 197.5#

56 143.0 92.7 139.1#

Manual Integrations  
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#33

4-Chloro-3-methylphenol

Concen: 3.818 ng/ul

RT: 12.05 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BM011483.D

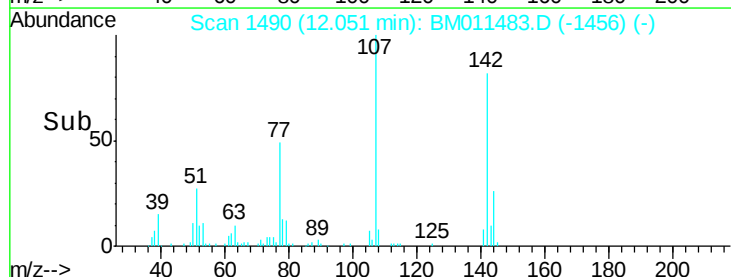
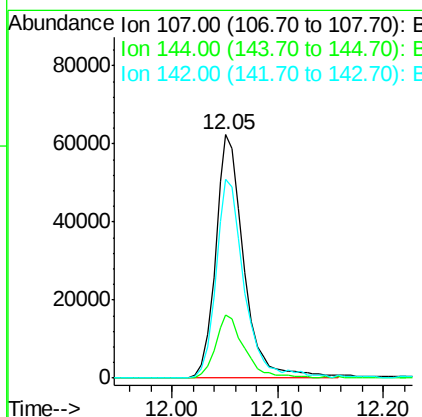
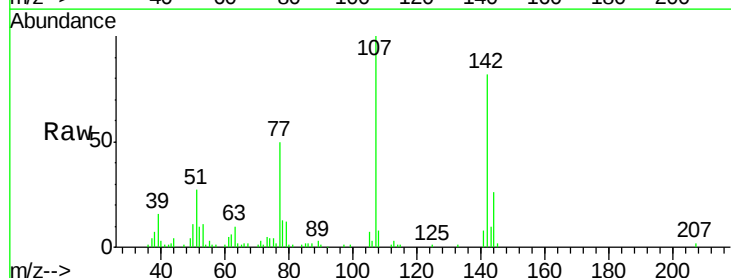
Acq: 09 Sep 2017 12:47

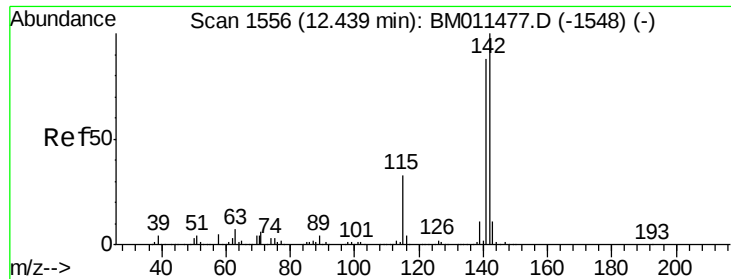
Tgt Ion:107 Resp: 115809  
Ion Ratio Lower Upper

107 100

144 26.2 21.1 31.7

142 81.8 60.1 90.1





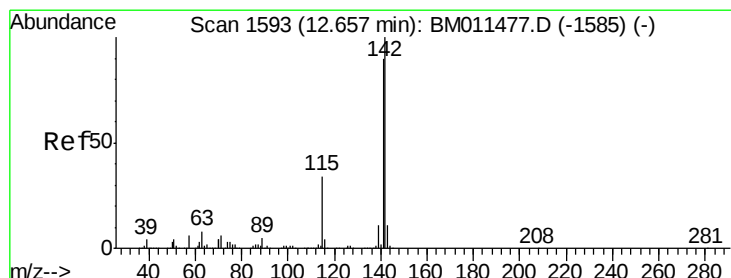
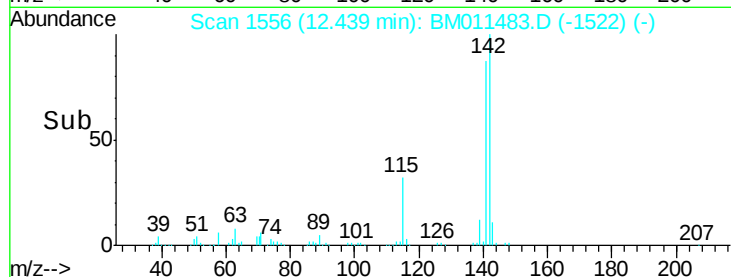
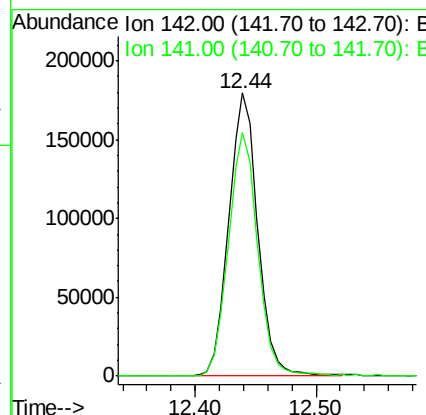
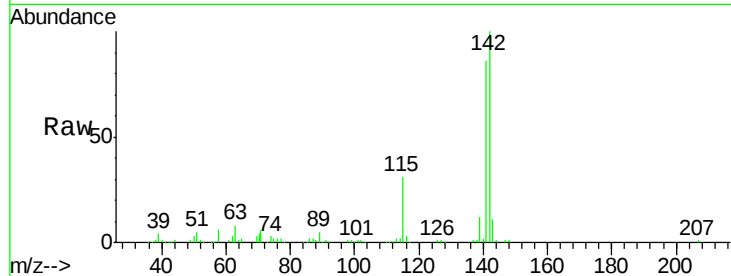
#34  
 2-Methylnaphthalene  
 Concen: 4.165 ng/ul  
 RT: 12.44 min Scan# 1556  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 299549 |       |       |
| 141     | 86.3  | 71.4   | 107.2 |       |

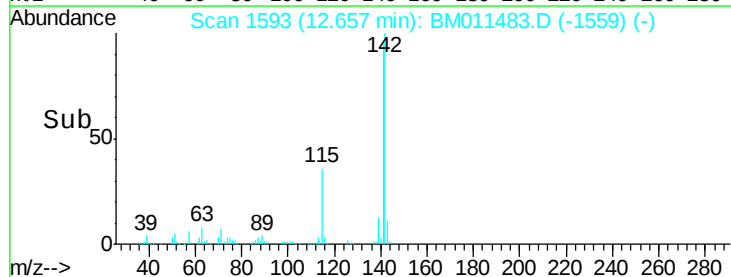
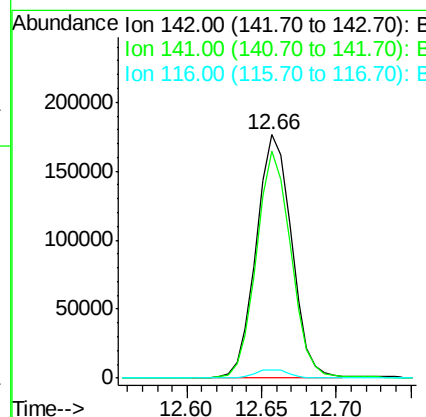
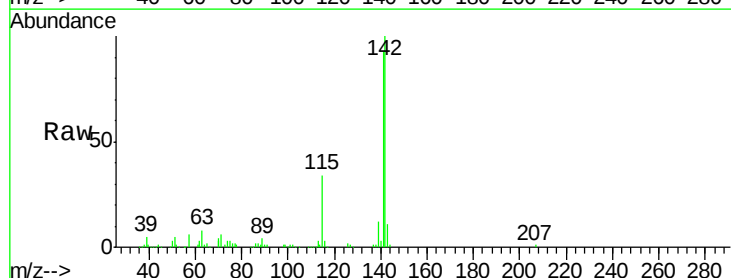
Manual Integrations  
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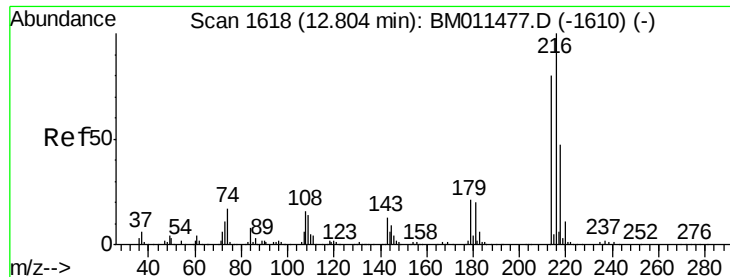
Sohil  
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#35  
 1-Methylnaphthalene  
 Concen: 4.224 ng/ul  
 RT: 12.66 min Scan# 1593  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 289359 |       |       |
| 141     | 93.0  | 76.6   | 115.0 |       |
| 116     | 3.5   | 3.6    | 5.4#  |       |





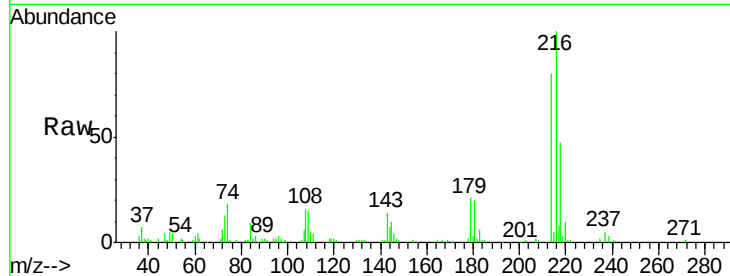
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.295 ng/ul  
 RT: 12.80 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

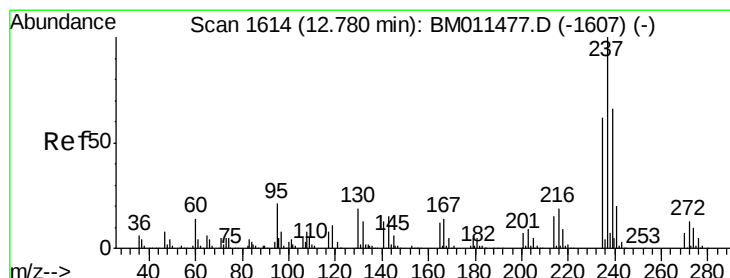
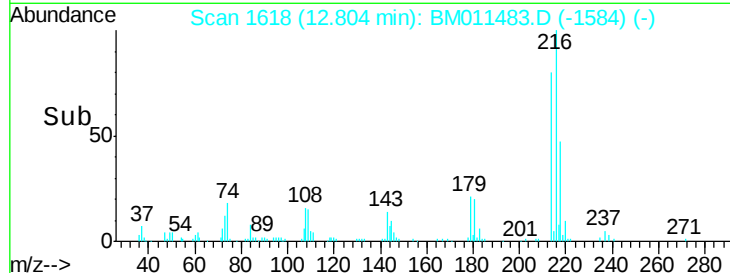
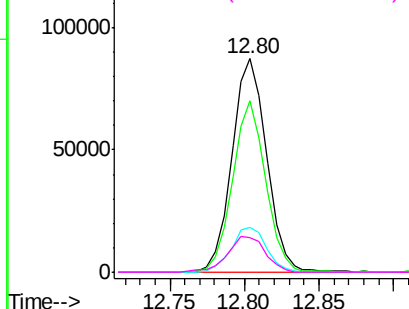
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 141470 |       |       |
| 214     | 80.1  | 64.1   | 96.1  |       |
| 179     | 20.8  | 14.5   | 21.7  |       |
| 108     | 16.5  | 10.4   | 15.6  |       |

Manual Integrations  
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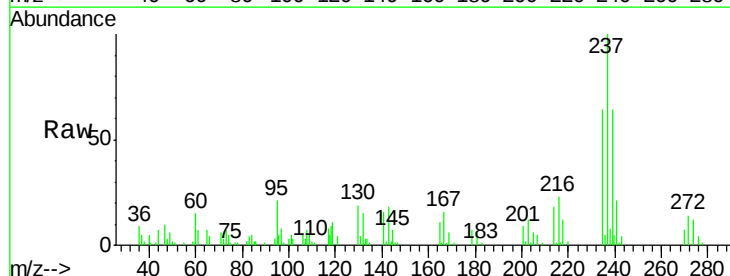


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

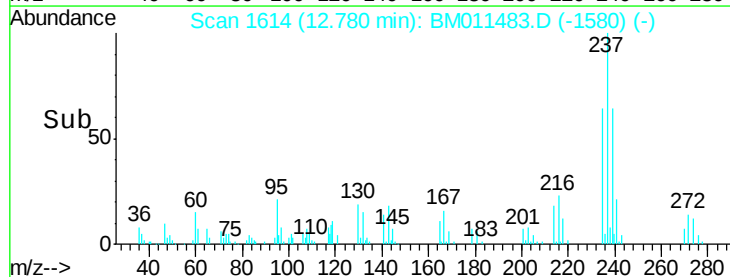
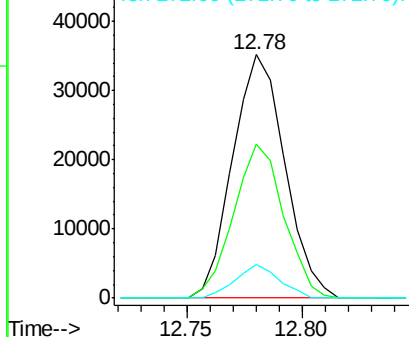


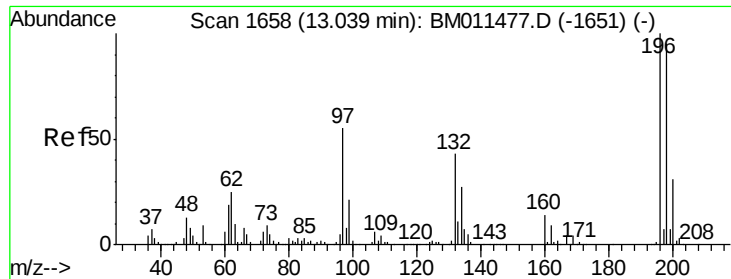
#38  
 Hexachlorocyclopentadiene  
 Concen: 3.005 ng/ul  
 RT: 12.78 min Scan# 1614  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 55474 |       |       |
| 235     | 68.1  | 49.5  | 74.3  |       |
| 272     | 13.6  | 8.6   | 12.8  |       |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E





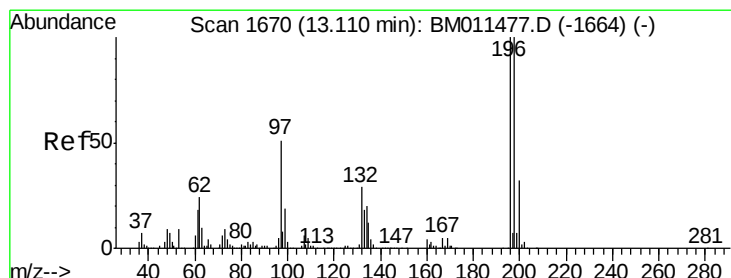
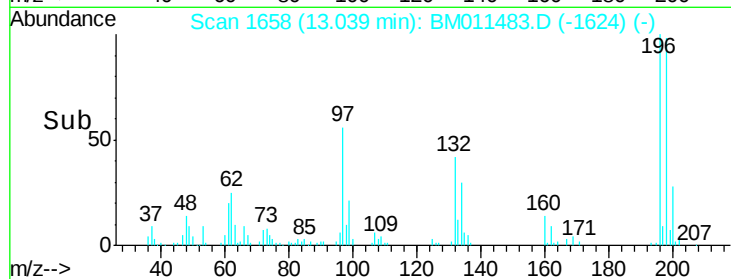
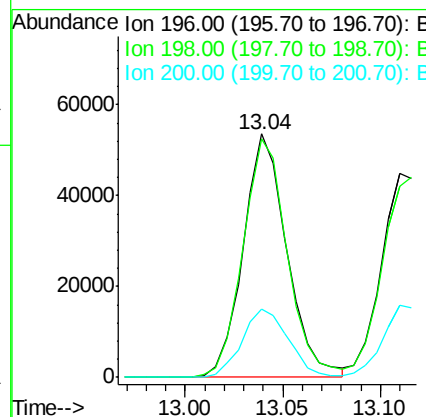
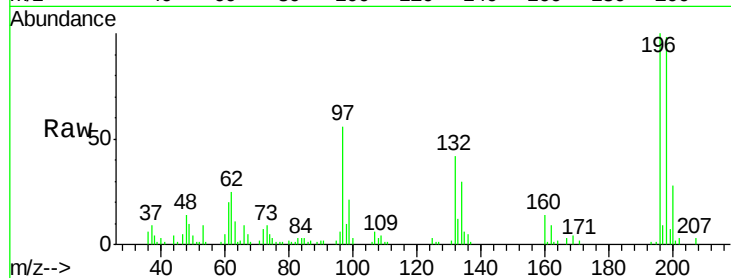
#39  
 2,4,6-Trichlorophenol  
 Concen: 3.708 ng/ul  
 RT: 13.04 min Scan# 1658  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 83144 |       |       |
| 198     | 98.1  | 75.9  | 113.9 |       |
| 200     | 28.1  | 25.8  | 38.6  |       |

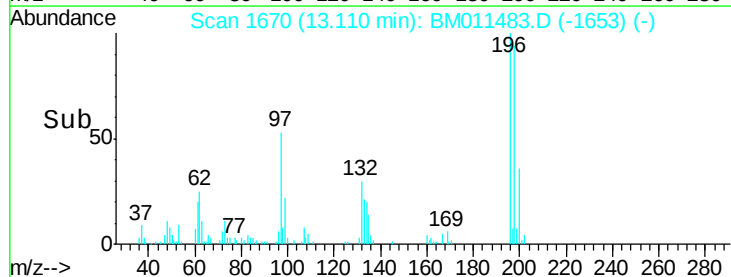
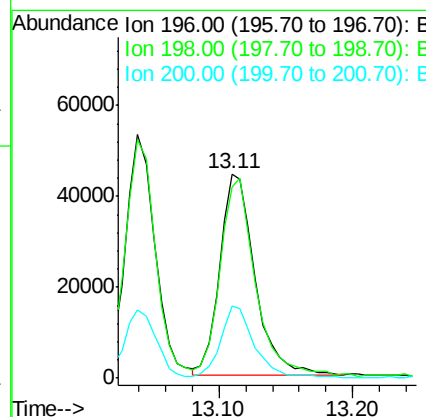
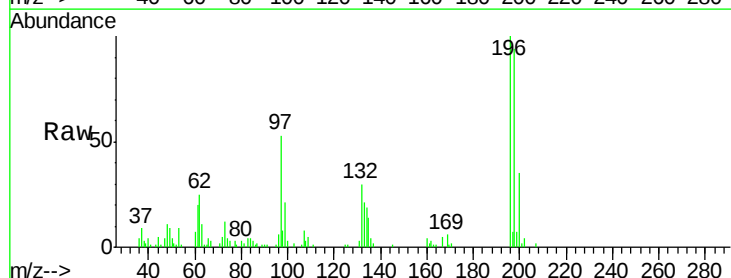
Manual Integrations  
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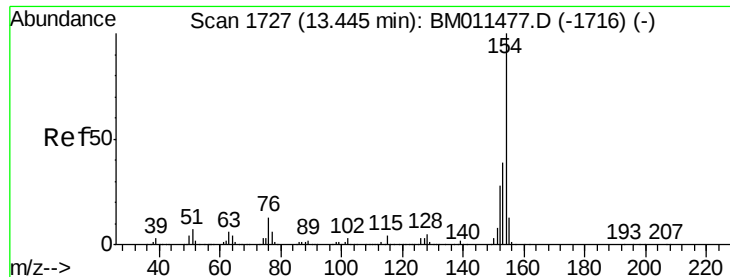
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#40  
 2,4,5-Trichlorophenol  
 Concen: 3.570 ng/ul  
 RT: 13.11 min Scan# 1670  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 81176 |       |       |
| 198     | 93.9  | 74.7  | 112.1 |       |
| 200     | 35.1  | 25.4  | 38.0  |       |





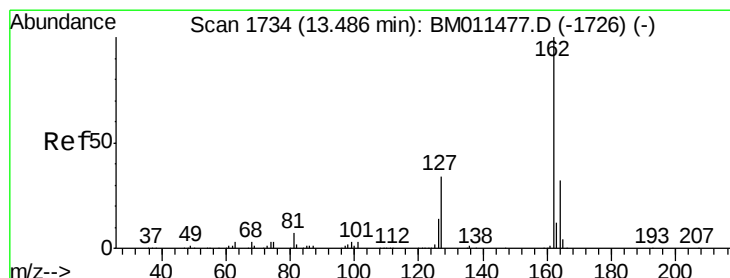
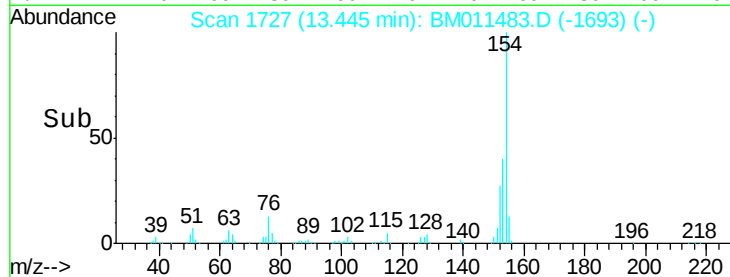
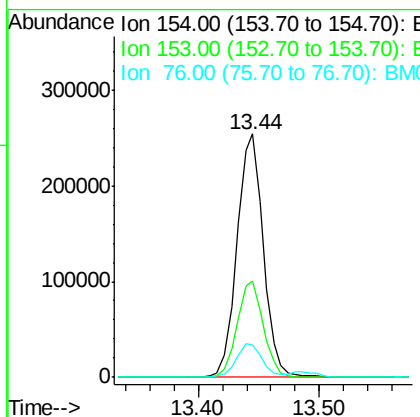
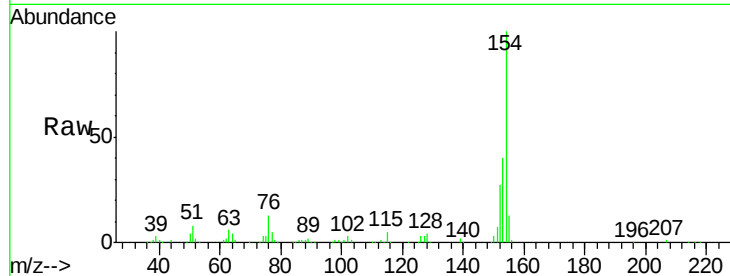
#41  
 1,1'-Biphenyl  
 Concen: 4.181 ng/ul  
 RT: 13.44 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 39.7  | 34.0       | 51.0       |
| 76      | 13.5  | 8.4        | 12.6       |

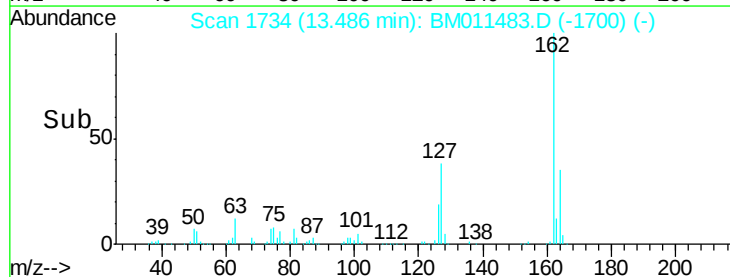
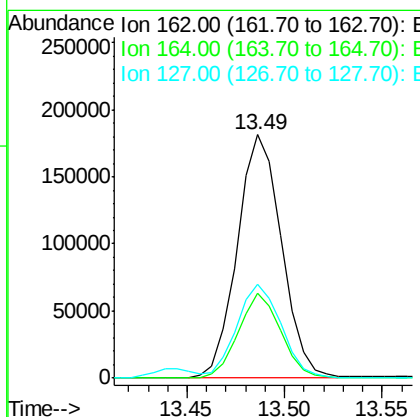
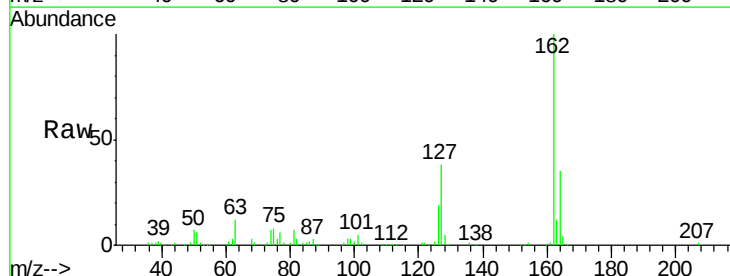
Manual Integrations  
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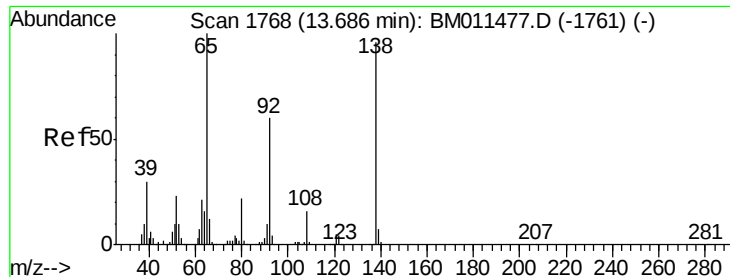
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#42  
 2-Chloronaphthalene  
 Concen: 4.111 ng/ul  
 RT: 13.49 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 35.0  | 26.2       | 39.4       |
| 127     | 38.5  | 29.5       | 44.3       |





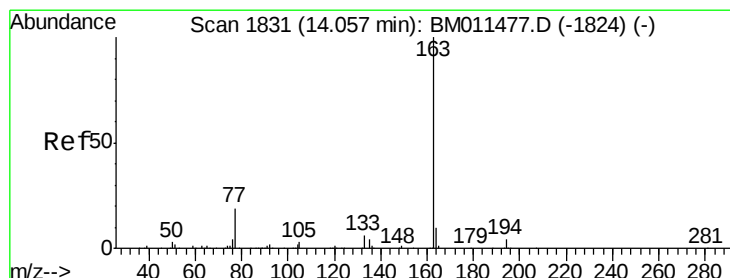
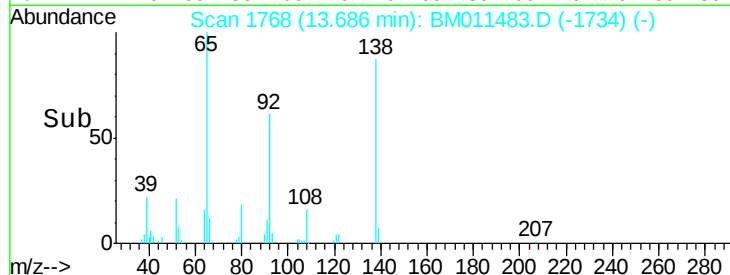
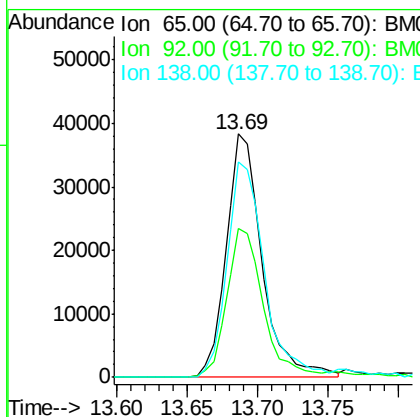
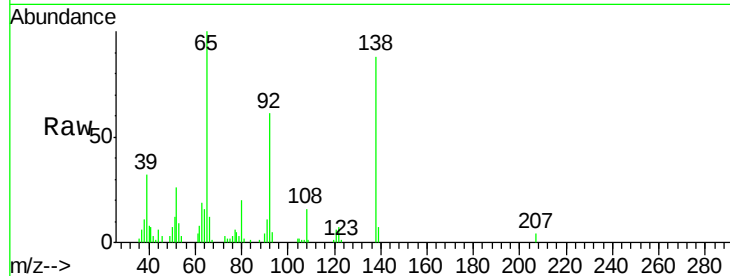
#43  
2-Nitroaniline  
Concen: 3.146 ng/ul  
RT: 13.69 min Scan# 1768  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.3  | 57.0  | 85.4  |
| 138     | 88.5  | 87.2  | 130.8 |

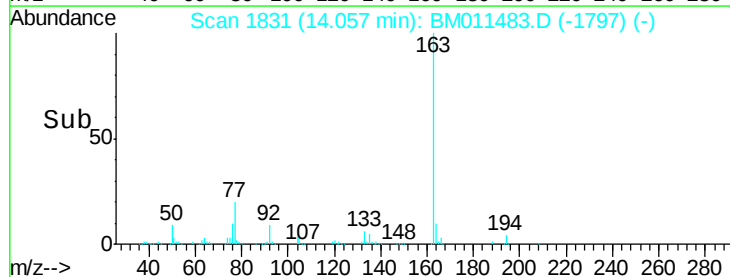
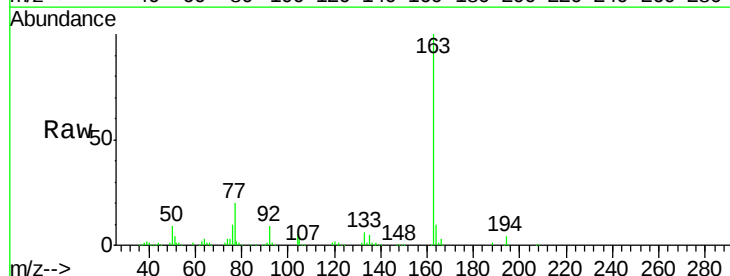
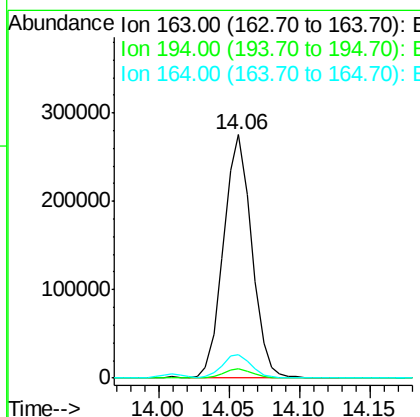
Manual Integrations  
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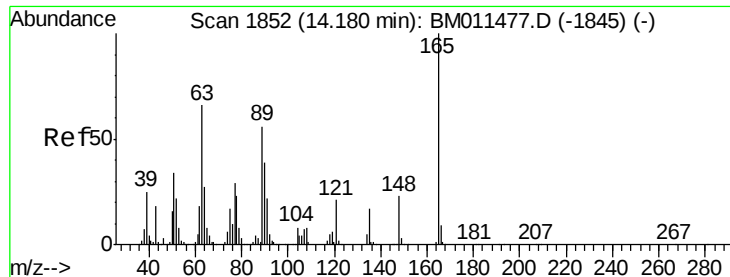
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#45  
Dimethylphthalate  
Concen: 4.280 ng/ul  
RT: 14.06 min Scan# 1831  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 4.0   | 6.0#  |
| 164     | 9.8   | 8.4   | 12.6  |





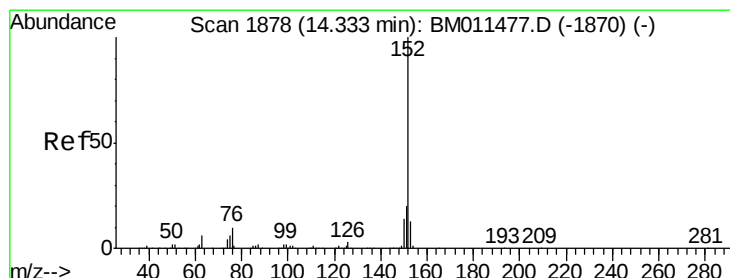
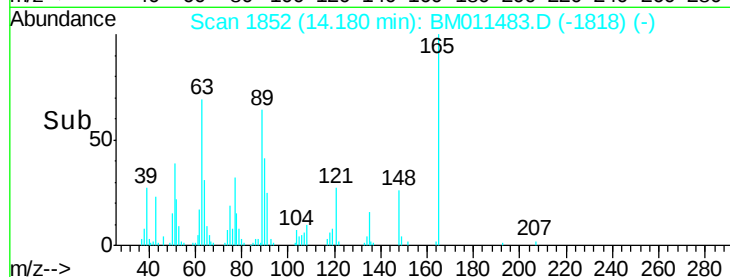
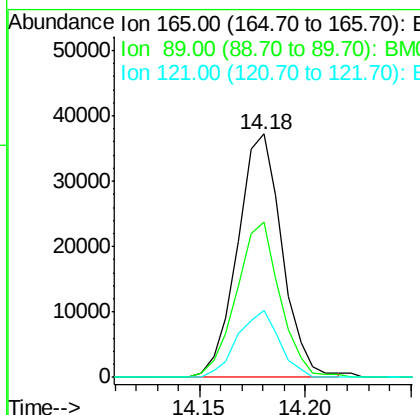
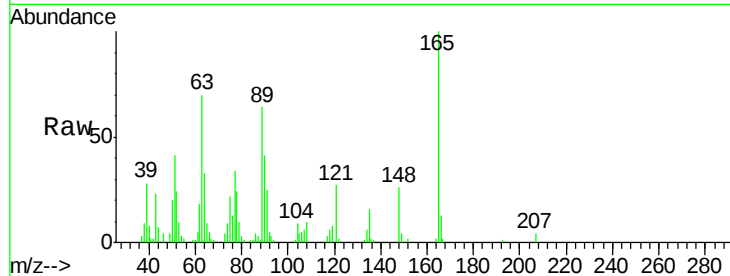
#46  
 2,6-Dinitrotoluene  
 Concen: 3.434 ng/ul  
 RT: 14.18 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 54504 |       |       |
| 89      | 63.8  | 43.8  | 65.8  |       |
| 121     | 27.4  | 17.8  | 26.6  |       |

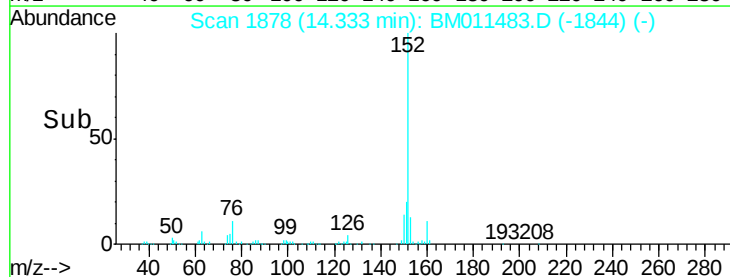
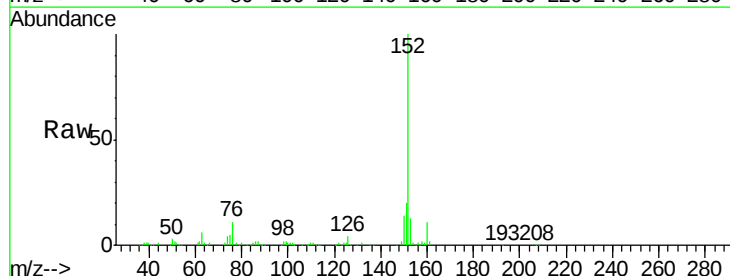
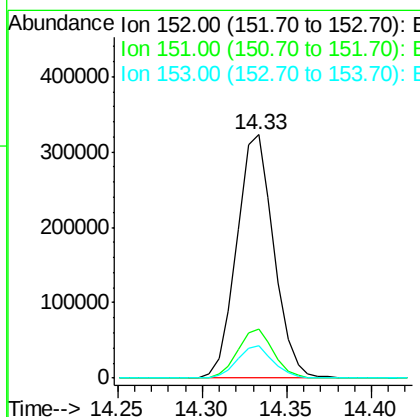
Manual Integrations  
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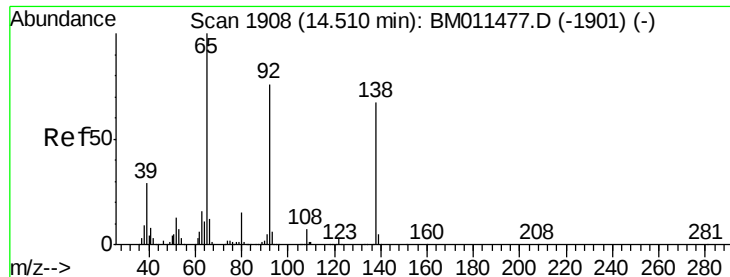
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#48  
 Acenaphthylene  
 Concen: 4.310 ng/ul  
 RT: 14.33 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 492414 |       |       |
| 151     | 20.0  | 16.1   | 24.1  |       |
| 153     | 13.3  | 10.8   | 16.2  |       |





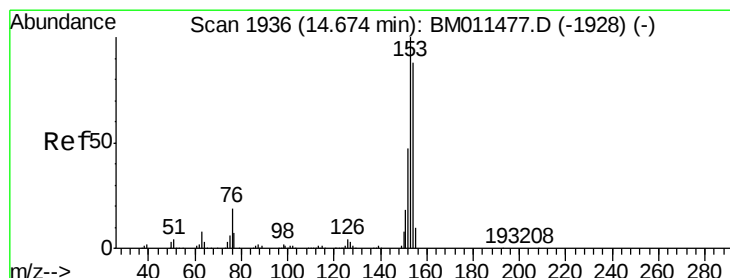
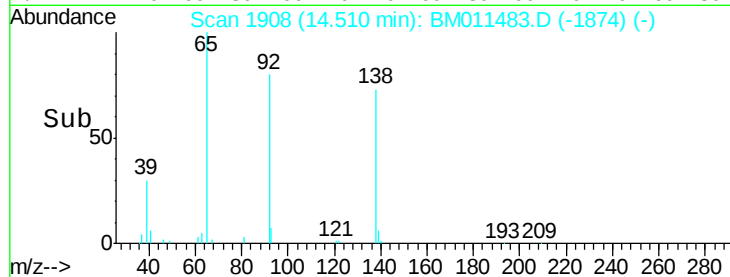
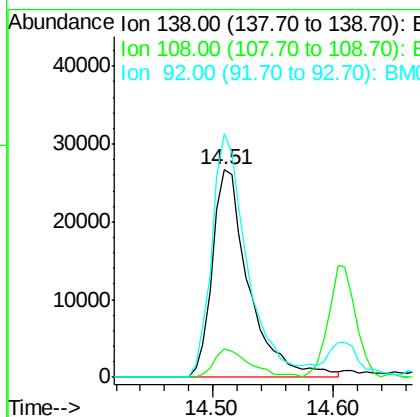
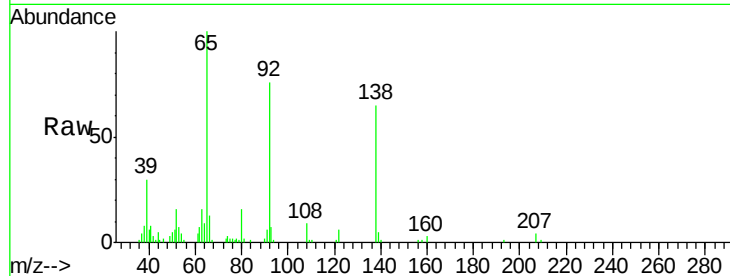
#49  
3-Nitroaniline  
Concen: 2.858 ng/ul  
RT: 14.51 min Scan# 1908  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

Tgt Ion:138 Resp: 55935  
Ion Ratio Lower Upper  
138 100  
108 13.7 7.6 11.4#  
92 117.4 94.2 141.2

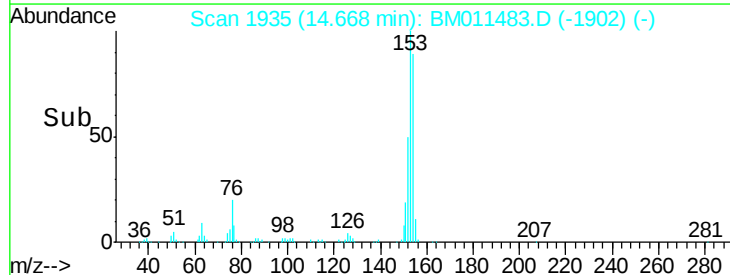
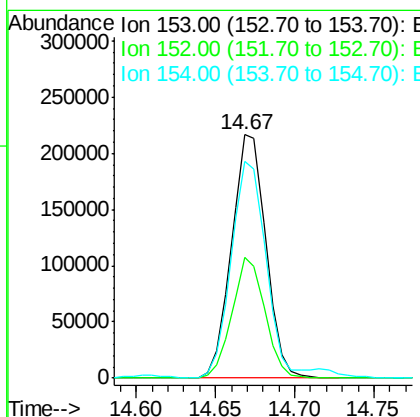
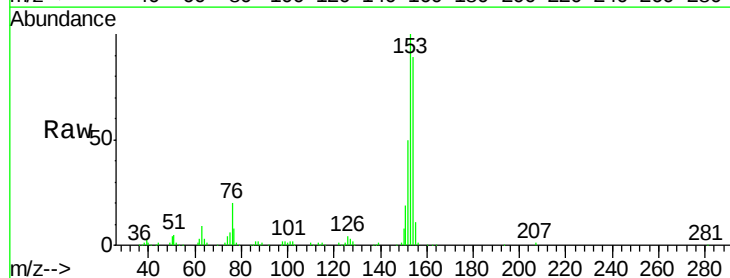
Manual Integrations  
APPROVED

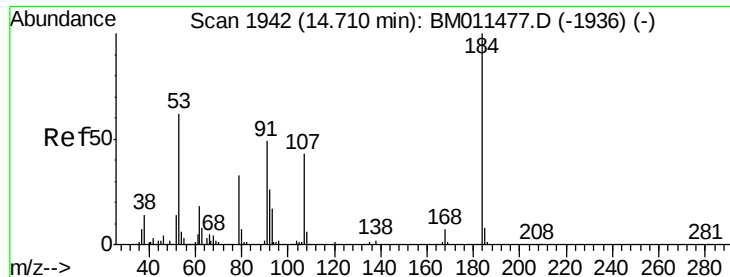
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#50  
Acenaphthene  
Concen: 4.208 ng/ul  
RT: 14.67 min Scan# 1935  
Delta R.T. -0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Tgt Ion:153 Resp: 324886  
Ion Ratio Lower Upper  
153 100  
152 49.6 37.9 56.9  
154 89.1 69.8 104.6





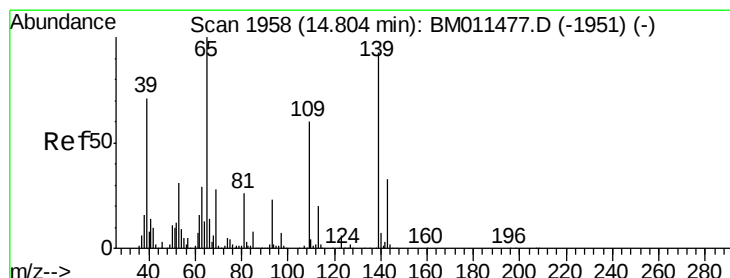
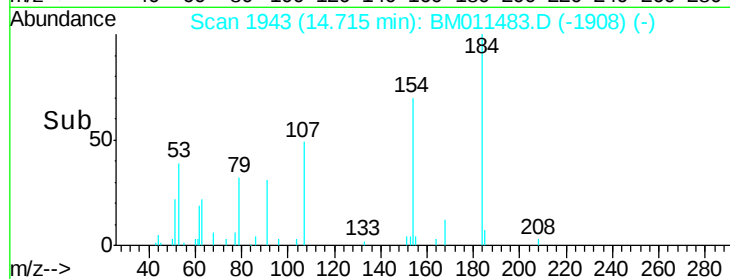
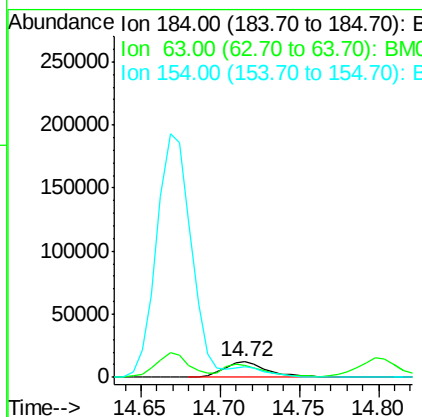
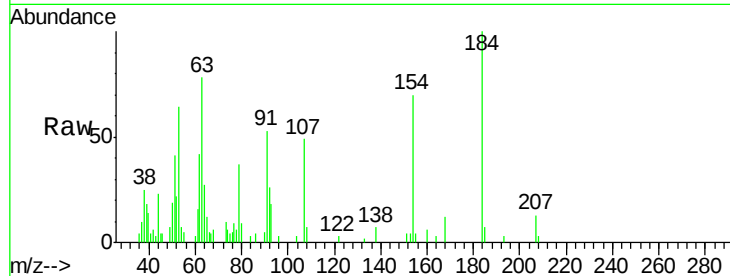
#51  
2,4-Dinitrophenol  
Concen: 2.423 ng/ul  
RT: 14.72 min Scan# 1943  
Delta R.T. 0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampled :  
MDL-W-05

Tgt Ion:184 Resp: 23764  
Ion Ratio Lower Upper  
184 100  
63 77.6 39.7 59.5#  
154 70.0 45.0 67.6#

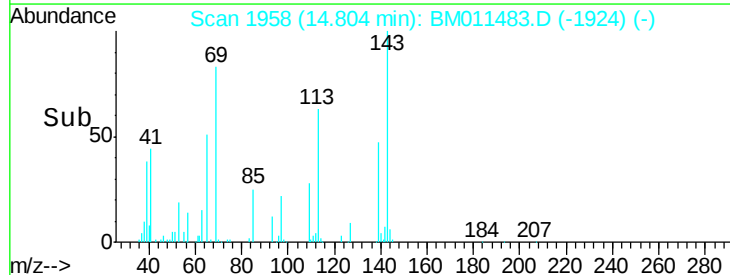
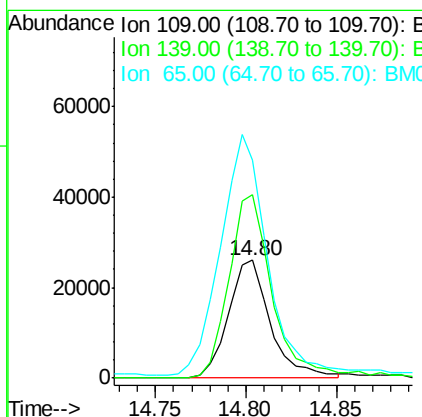
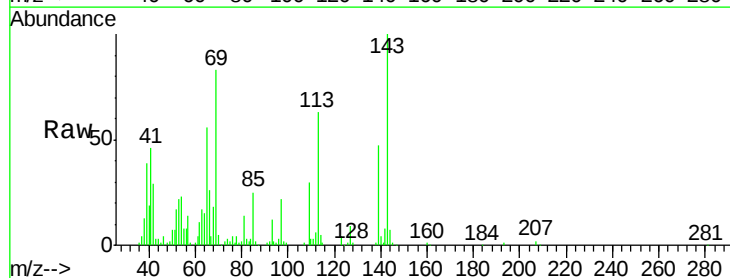
Manual Integrations  
APPROVED

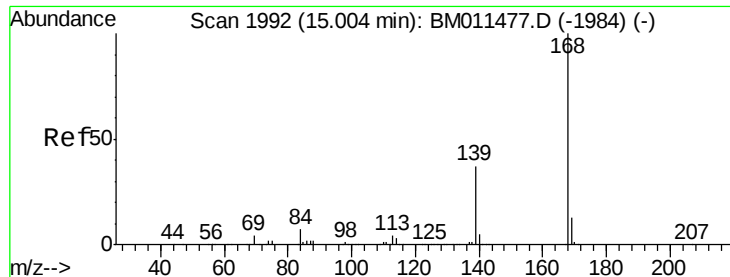
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9/11/2017 2:43:40 PM



#53  
4-Nitrophenol  
Concen: 3.712 ng/ul  
RT: 14.80 min Scan# 1958  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Tgt Ion:109 Resp: 42085  
Ion Ratio Lower Upper  
109 100  
139 156.2 91.2 136.8#  
65 185.7 92.6 139.0#





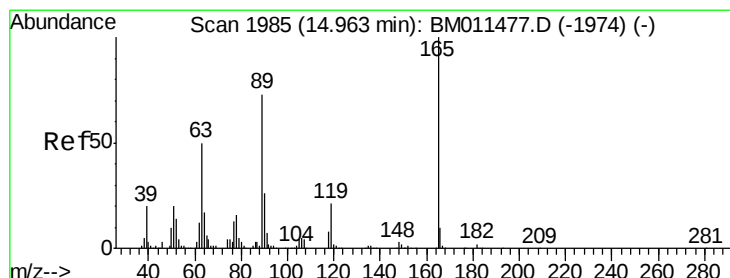
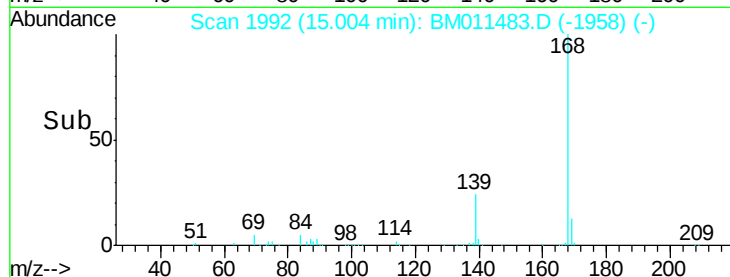
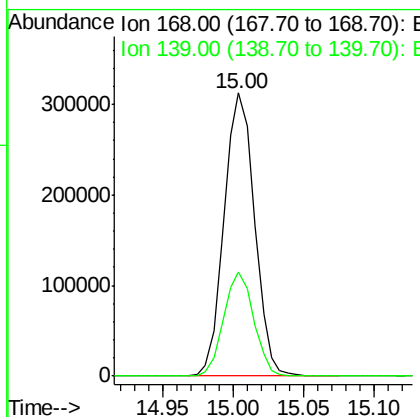
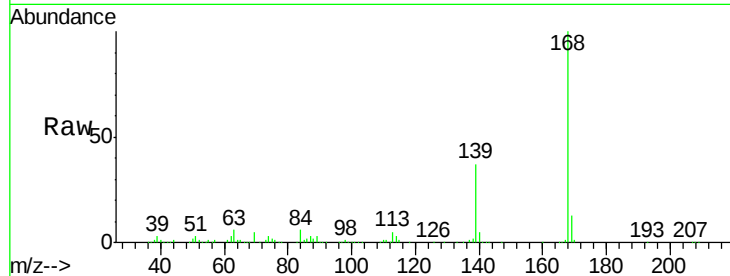
#54  
Dibenzofuran  
Concen: 4.353 ng/ul  
RT: 15.00 min Scan# 1992  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

Tgt Ion:168 Resp: 470065  
Ion Ratio Lower Upper  
168 100  
139 37.0 31.0 46.4

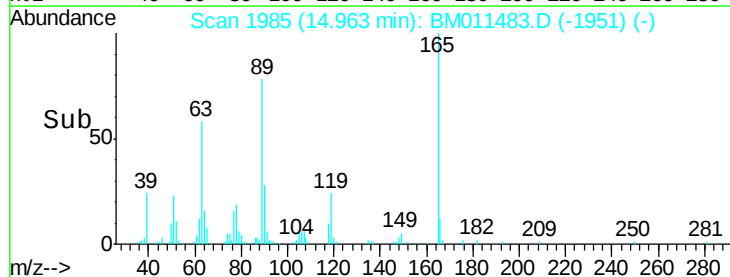
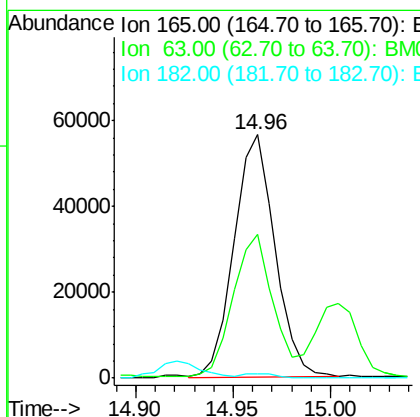
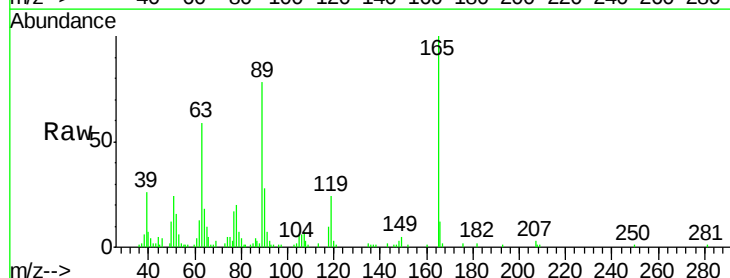
Manual Integrations  
APPROVED

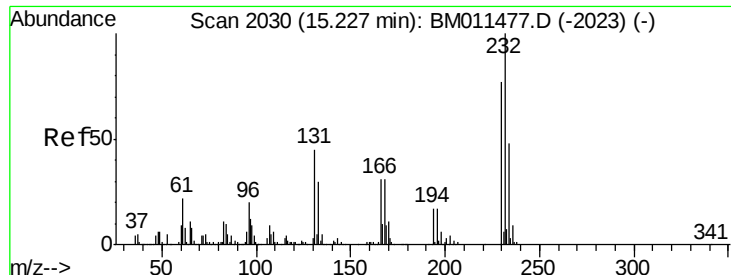
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#55  
2,4-Dinitrotoluene  
Concen: 3.530 ng/ul  
RT: 14.96 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Tgt Ion:165 Resp: 82356  
Ion Ratio Lower Upper  
165 100  
63 59.2 31.4 47.0#  
182 1.9 2.7 4.1#





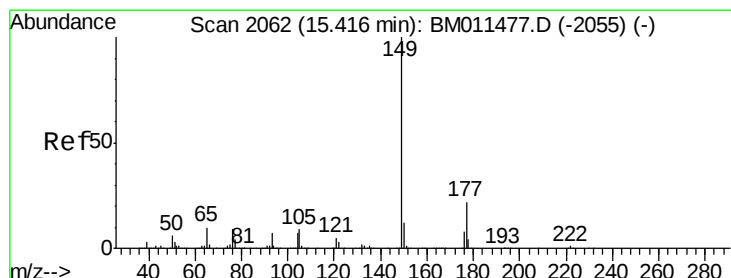
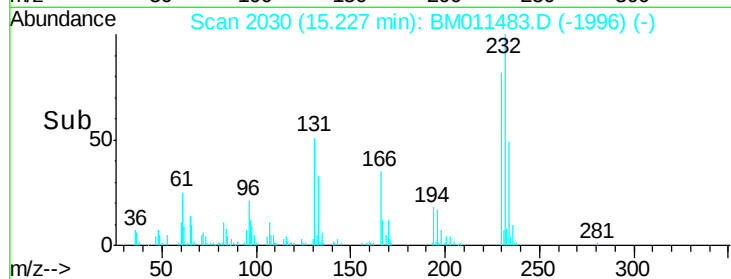
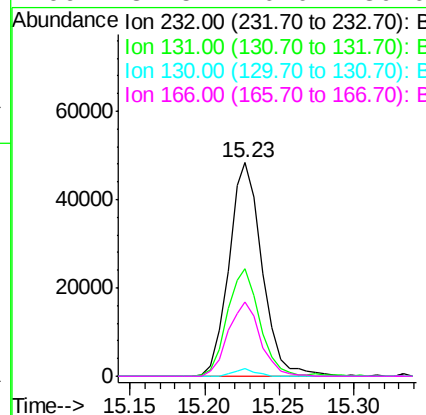
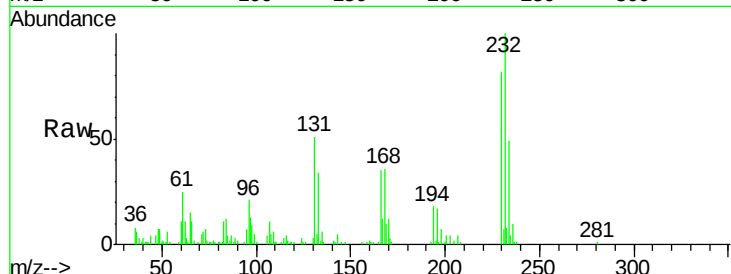
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 3.635 ng/ul  
RT: 15.23 min Scan# 2030  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.6  | 27.1  | 40.7# |
| 130     | 3.4   | 0.0   | 0.0#  |
| 166     | 34.5  | 20.0  | 30.0# |

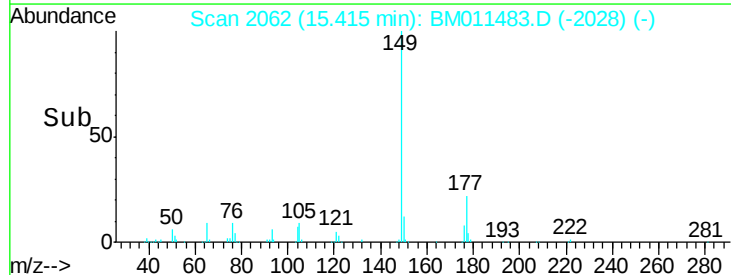
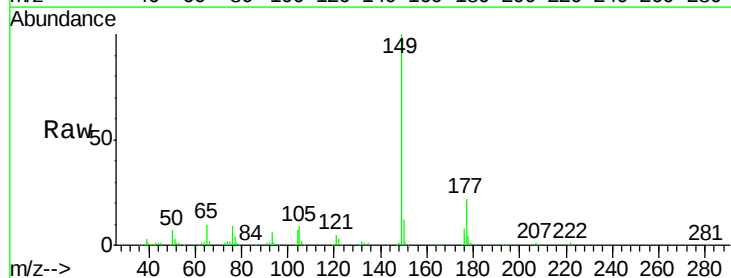
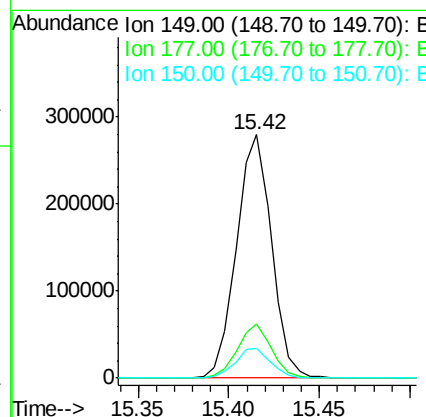
Manual Integrations  
APPROVED

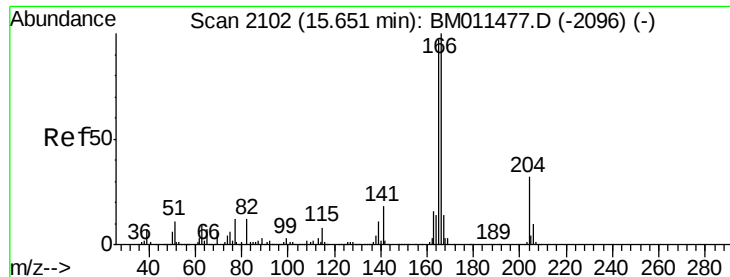
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9/11/2017 2:43:40 PM



#57  
Diethylphthalate  
Concen: 4.014 ng/ul  
RT: 15.42 min Scan# 2062  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 19.3  | 28.9  |
| 150     | 12.3  | 10.6  | 15.8  |





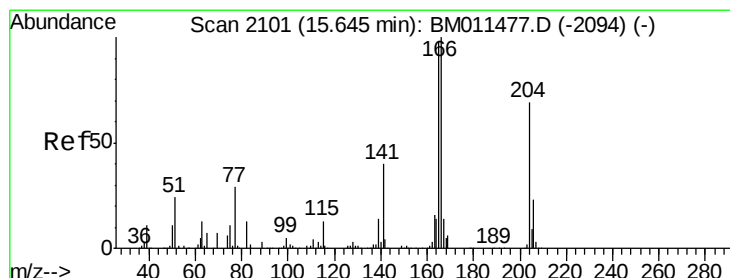
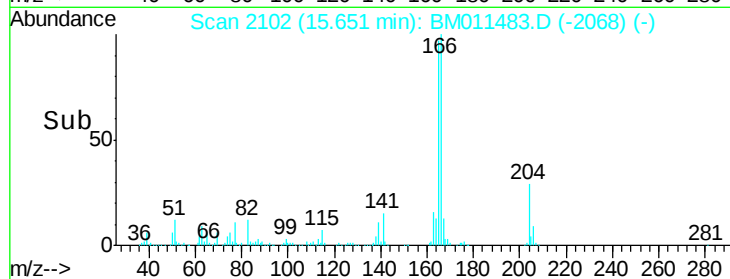
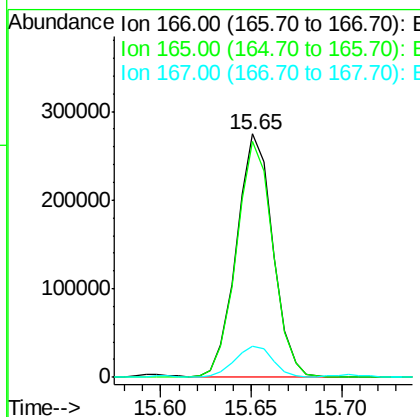
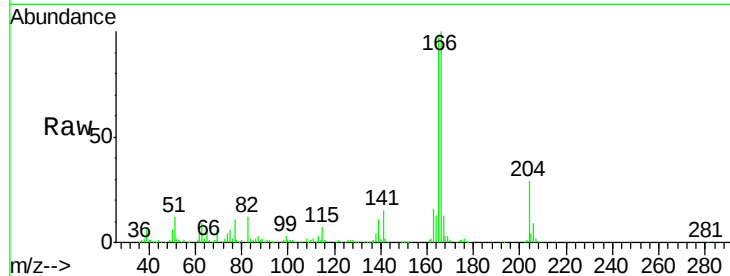
#59  
**Fluorene**  
 Concen: 4.226 ng/ul  
 RT: 15.65 min Scan# 2102  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 382482 |       |       |
| 165     | 96.7  | 78.4   | 117.6 |       |
| 167     | 13.0  | 11.1   | 16.7  |       |

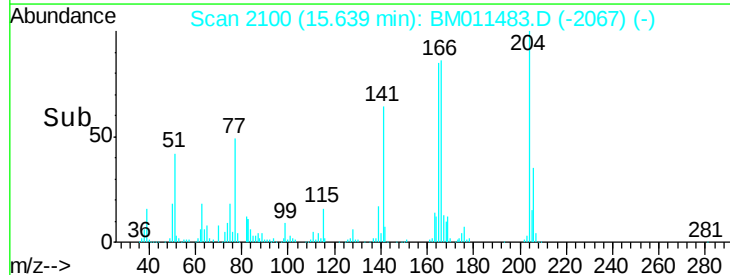
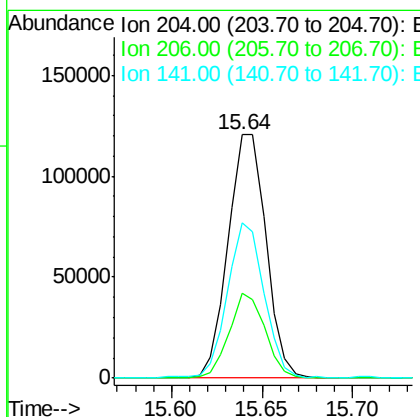
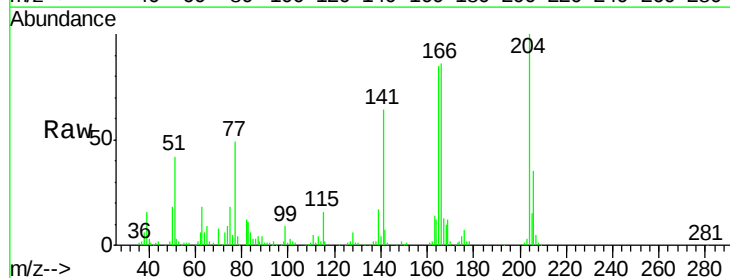
Manual Integrations  
 APPROVED

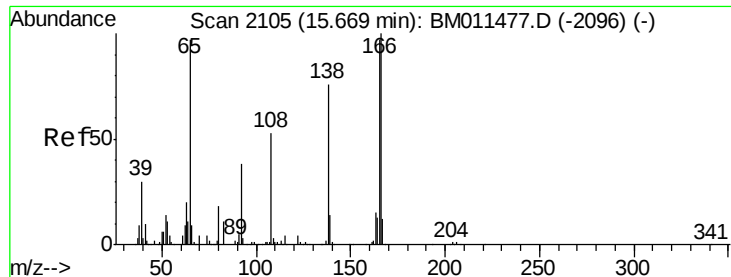
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#60  
**4-Chlorophenyl-phenylether**  
 Concen: 4.166 ng/ul  
 RT: 15.64 min Scan# 2100  
 Delta R.T. -0.01 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 176677 |       |       |
| 206     | 34.8  | 26.6   | 40.0  |       |
| 141     | 63.9  | 40.7   | 61.1# |       |





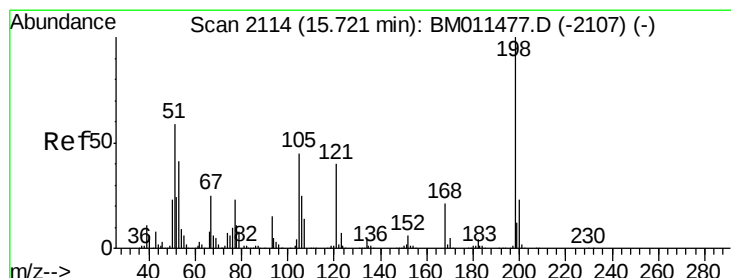
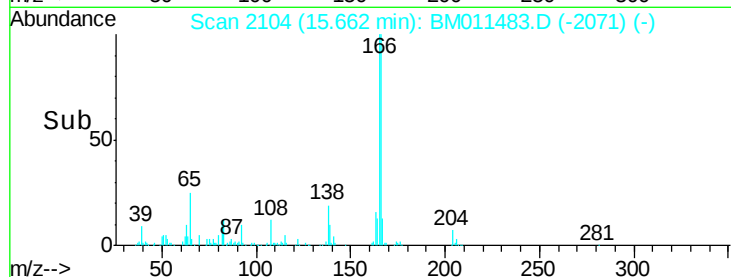
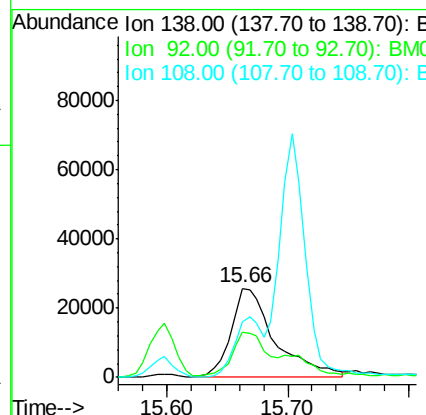
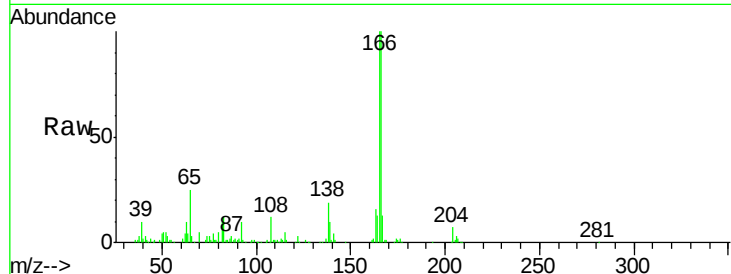
#61  
4-Nitroaniline  
Concen: 3.132 ng/ul  
RT: 15.66 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 138     | 100   | 65664 |        |       |
| 92      | 51.4  | 38.2  | 57.4   |       |
| 108     | 62.1  | 70.0  | 105.0# |       |

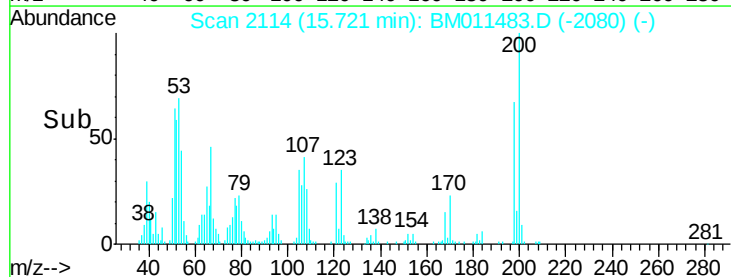
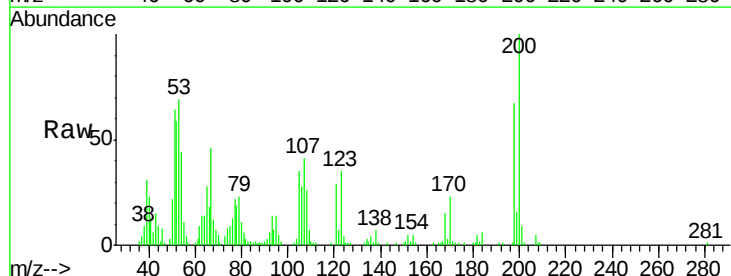
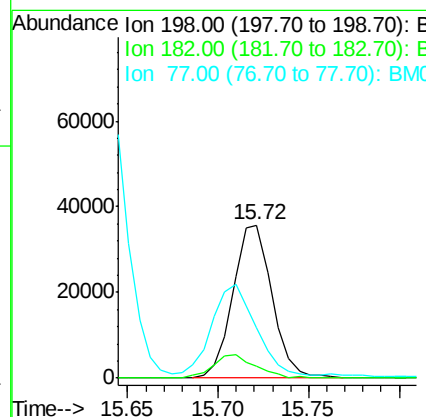
Manual Integrations  
APPROVED

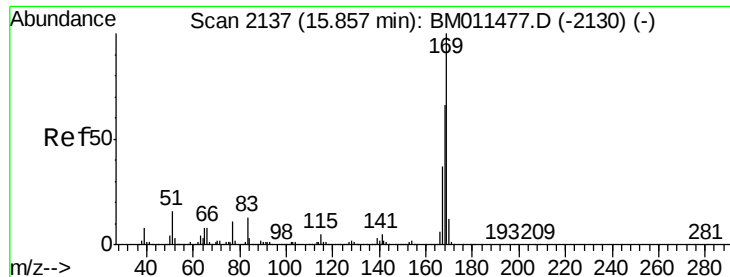
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.584 ng/ul  
RT: 15.72 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 53740 |       |       |
| 182     | 7.5   | 3.5   | 5.3#  |       |
| 77      | 33.2  | 18.2  | 27.4# |       |





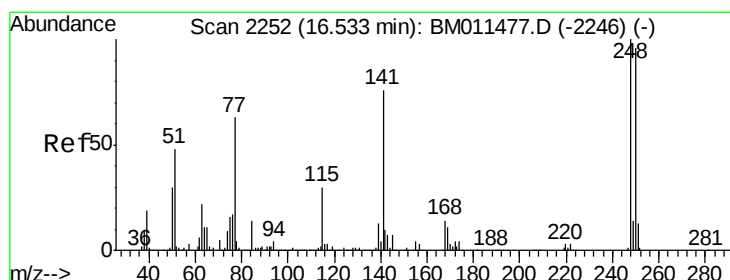
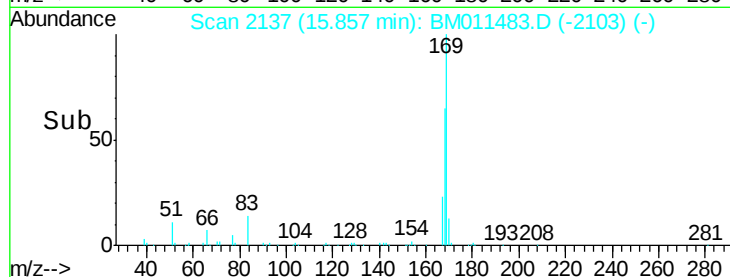
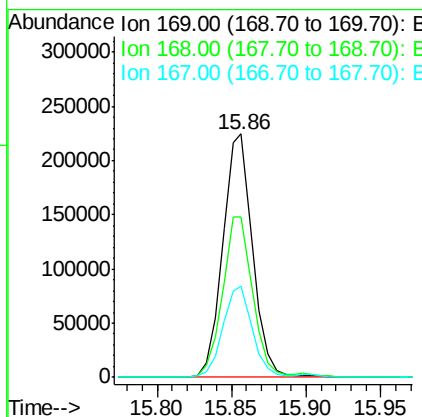
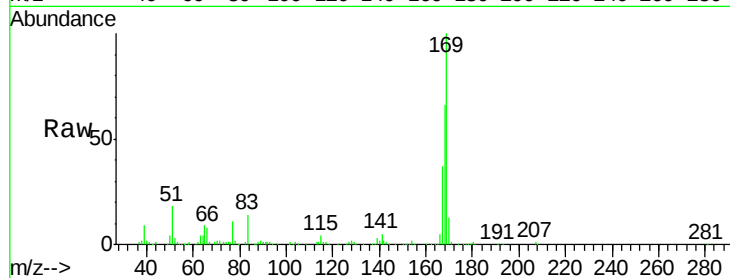
#65  
N-Nitrosodiphenylamine  
Concen: 4.116 ng/ul  
RT: 15.86 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 315341 |       |       |
| 168     | 66.1  | 53.8   | 80.8  |       |
| 167     | 37.3  | 29.5   | 44.3  |       |

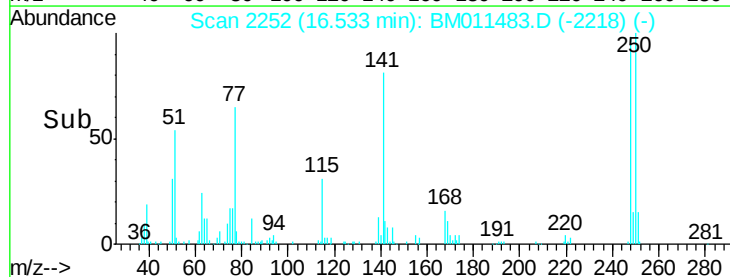
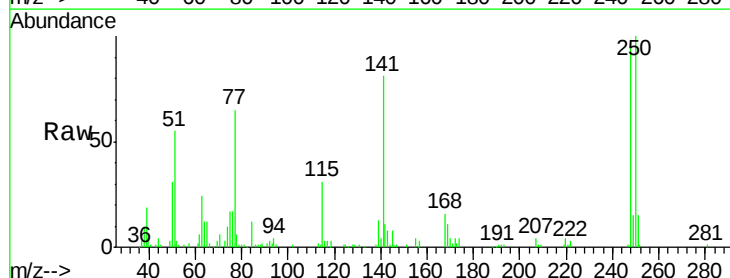
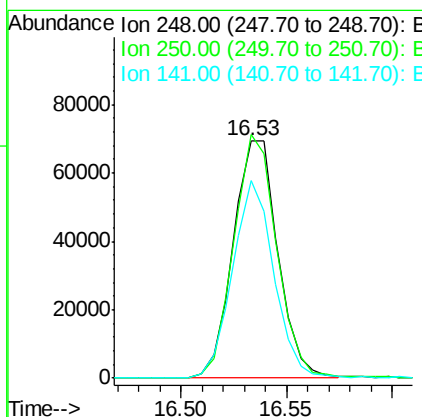
Manual Integrations  
APPROVED

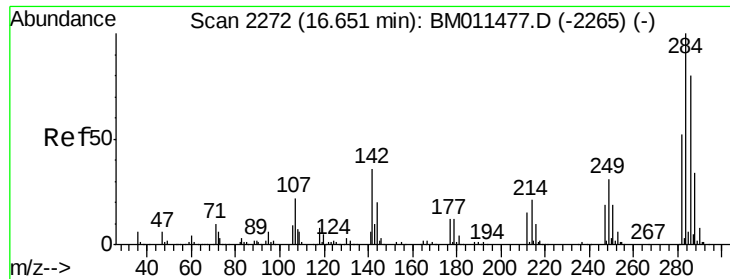
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#66  
4-Bromophenyl-phenylether  
Concen: 3.979 ng/ul  
RT: 16.53 min Scan# 2252  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 102210 |       |       |
| 250     | 102.4 | 79.0   | 118.4 |       |
| 141     | 83.1  | 51.9   | 77.9  |       |





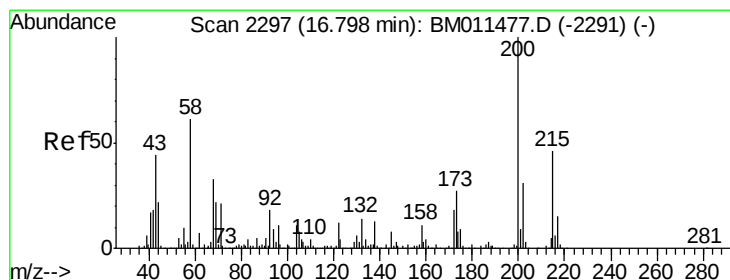
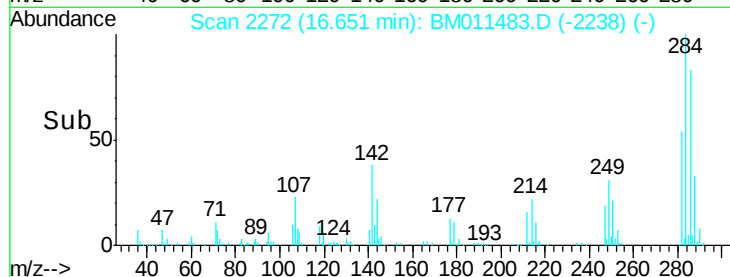
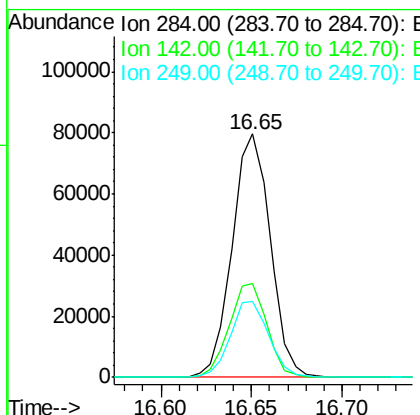
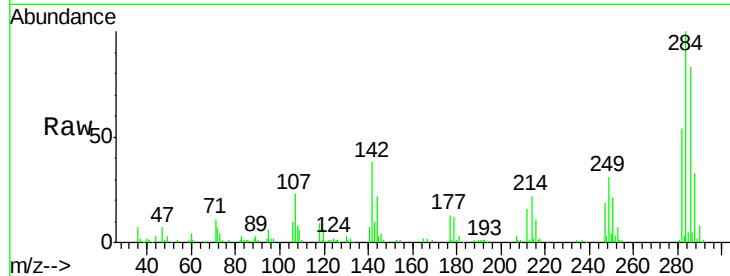
#67  
Hexachlorobenzene  
Concen: 4.124 ng/ul  
RT: 16.65 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampled :  
MDL-W-05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 116628 |       |       |
| 142     | 36.5  | 21.3   | 31.9# |       |
| 249     | 29.7  | 26.3   | 39.5  |       |

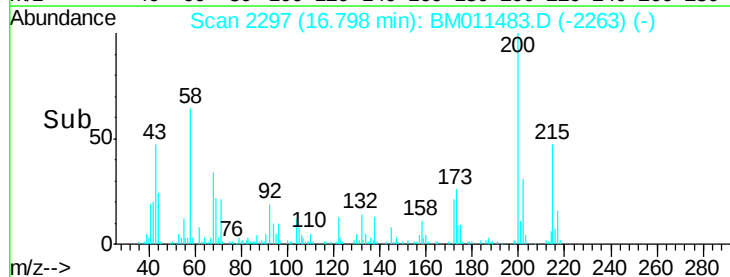
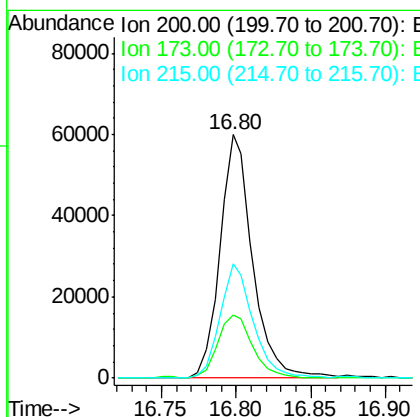
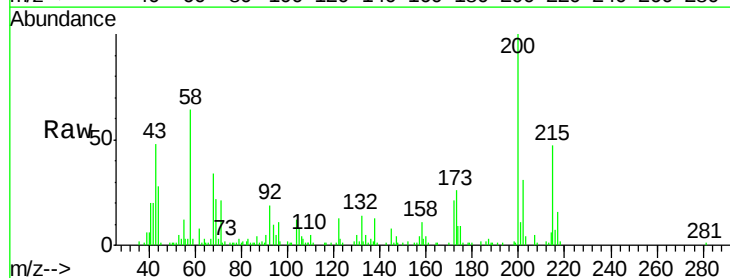
Manual Integrations  
APPROVED

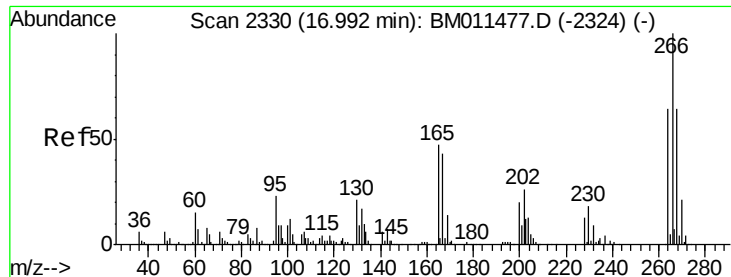
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#68  
Atrazine  
Concen: 3.459 ng/ul  
RT: 16.80 min Scan# 2297  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 91810 |       |       |
| 173     | 25.9  | 20.6  | 31.0  |       |
| 215     | 47.1  | 39.8  | 59.6  |       |





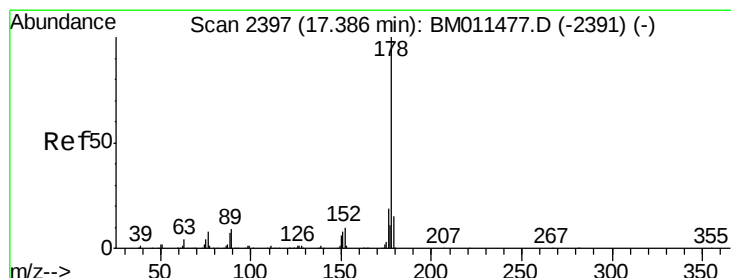
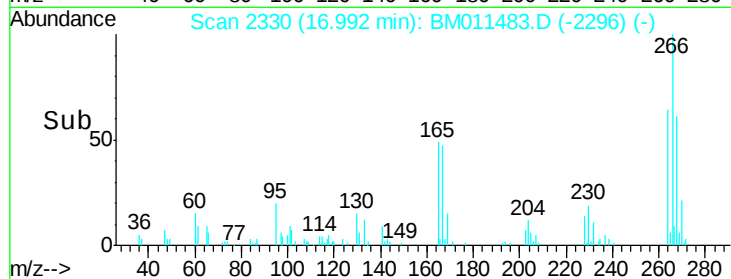
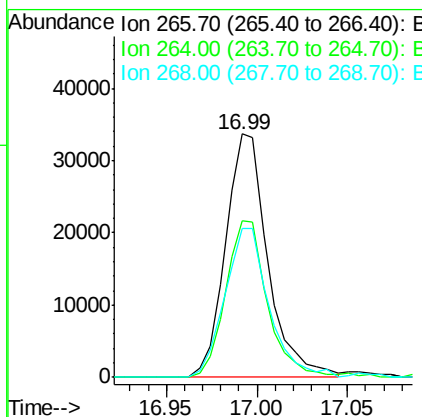
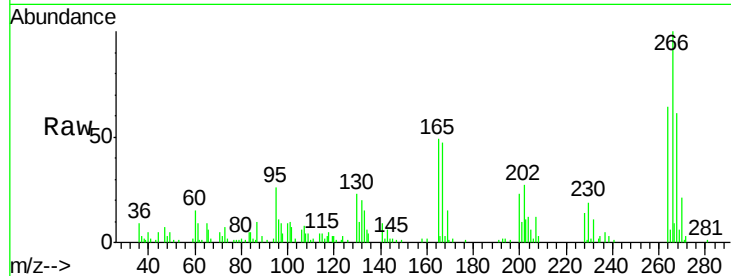
#69  
 Pentachlorophenol  
 Concen: 3.009 ng/ul  
 RT: 16.99 min Scan# 2330  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.2  | 48.2  | 72.4  |
| 268     | 66.9  | 52.3  | 78.5  |

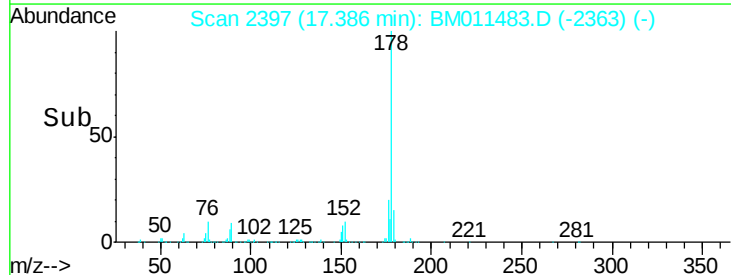
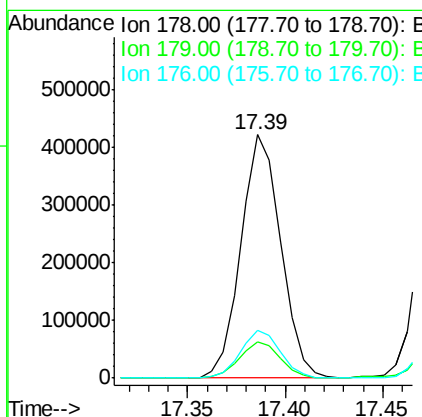
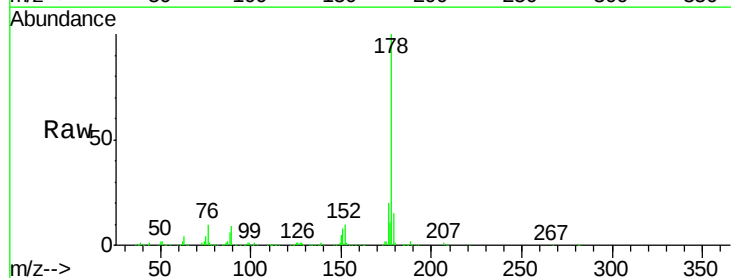
Manual Integrations  
 APPROVED

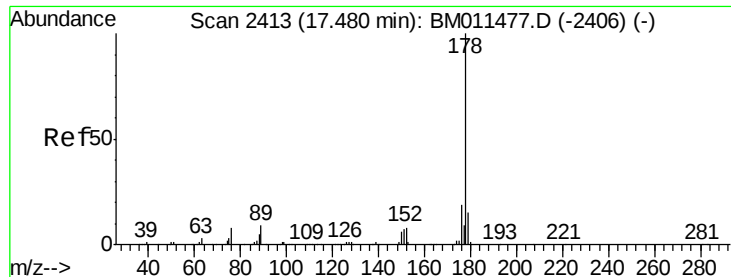
Sohil  
 9/11/2017 2:43:40 PM



#70  
 Phenanthrene  
 Concen: 4.225 ng/ul  
 RT: 17.39 min Scan# 2397  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.7  | 12.3  | 18.5  |
| 176     | 19.6  | 15.4  | 23.0  |





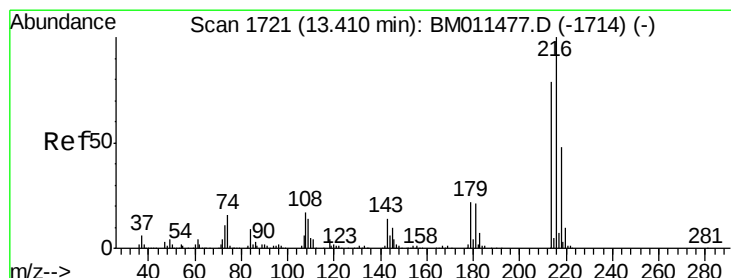
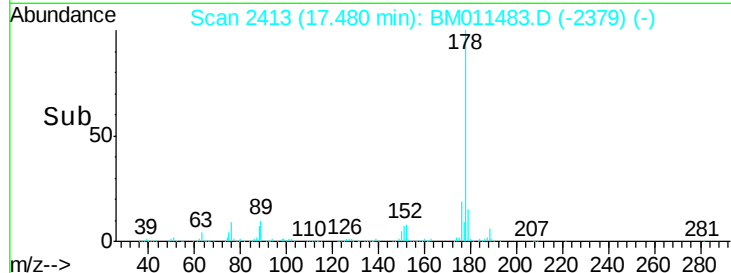
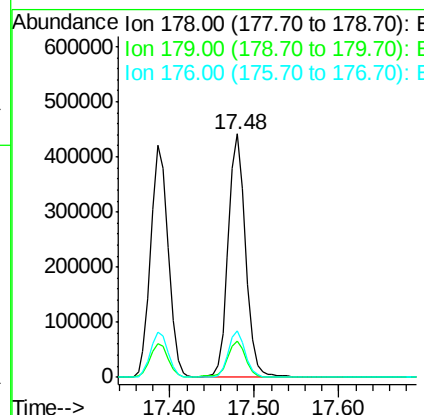
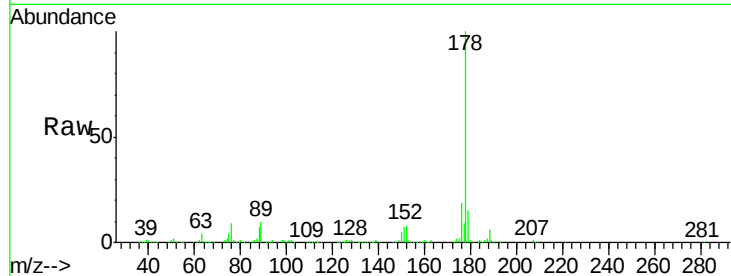
#72  
 Anthracene  
 Concen: 4.361 ng/ul  
 RT: 17.48 min Scan# 2413  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.0  | 13.4  | 20.2  |
| 176     | 19.0  | 15.4  | 23.0  |

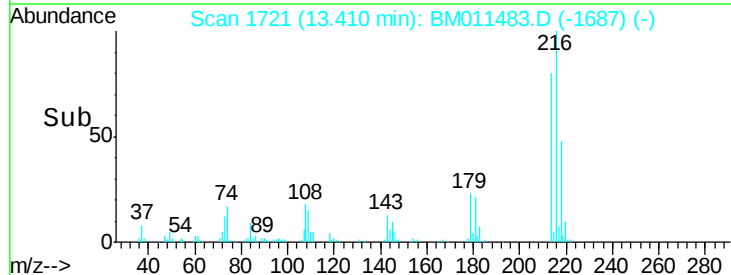
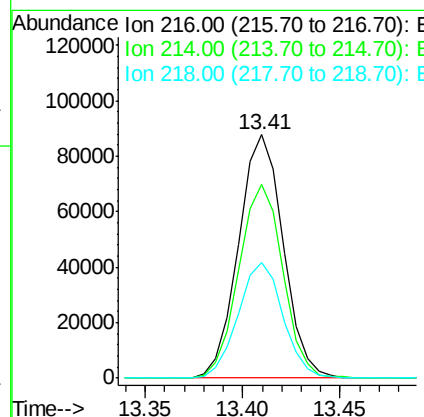
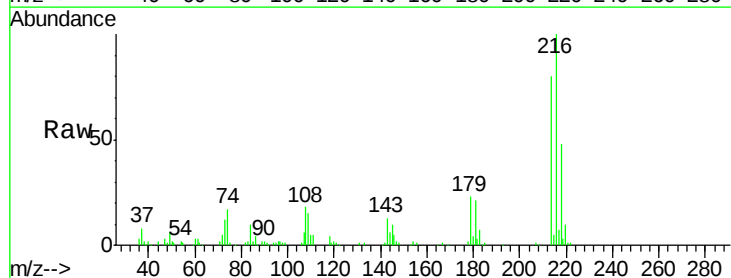
Manual Integrations  
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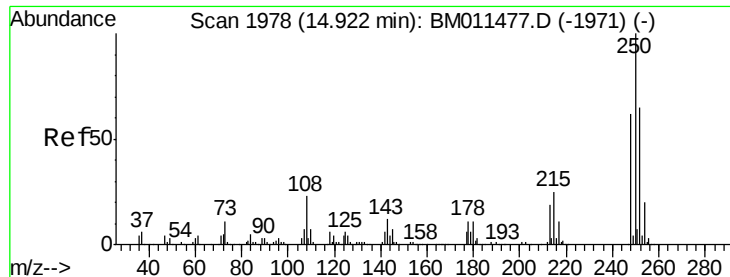
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 9/11/2017 2:43:40 PM



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 4.148 ng/uL  
 RT: 13.41 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.8  | 64.1  | 96.1  |
| 218     | 47.7  | 39.4  | 59.0  |





#74

Pentachlorobenzene

Concen: 4.223 ng/uL

RT: 14.92 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

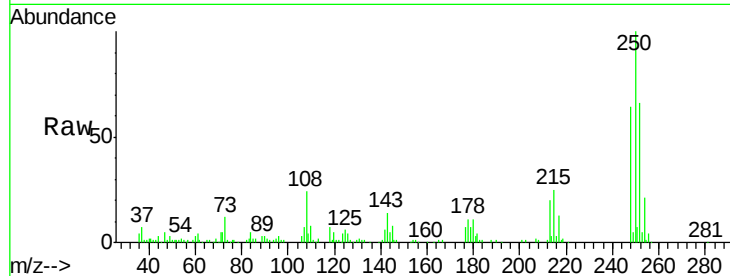
ClientSampled :

MDL-W-05

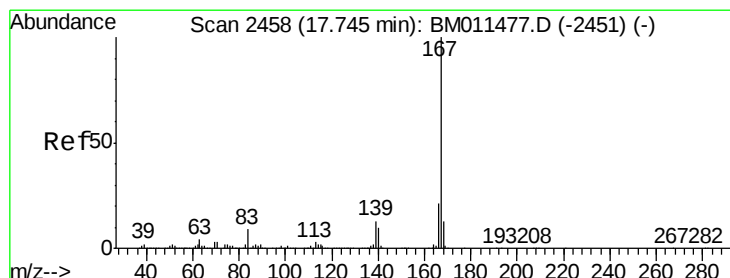
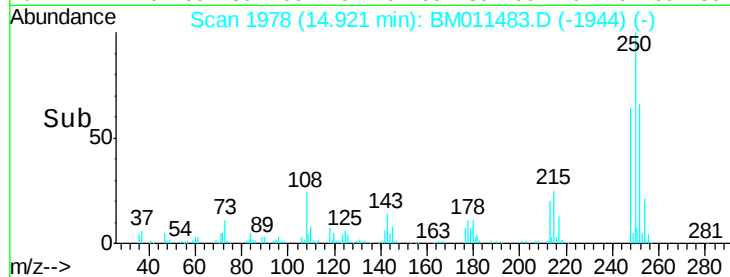
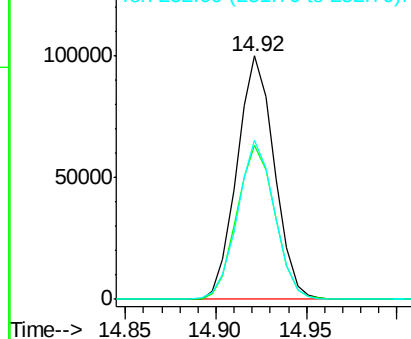
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 143558 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 63.5  | 51.4  | 77.2   |
| 252       | 65.5  | 49.8  | 74.6   |

Manual Integrations  
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Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 4.117 ng/uL

RT: 17.74 min Scan# 2458

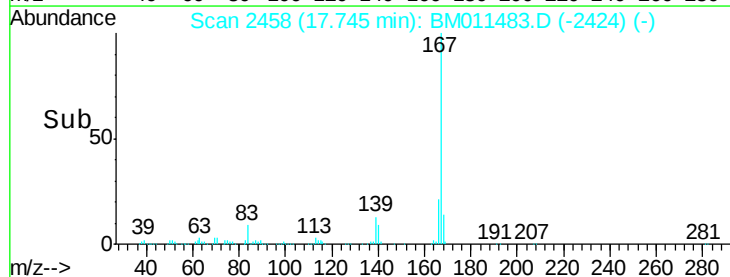
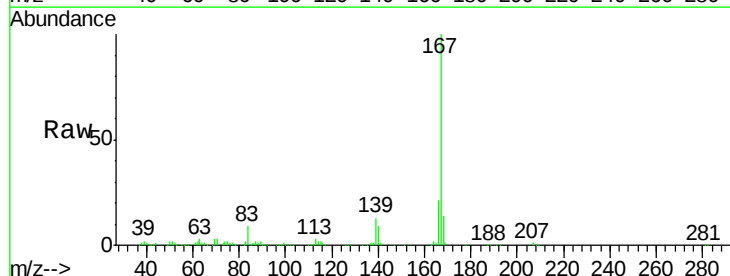
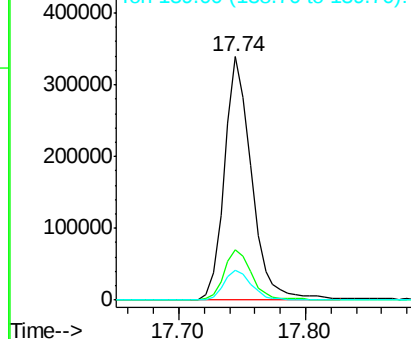
Delta R.T. -0.00 min

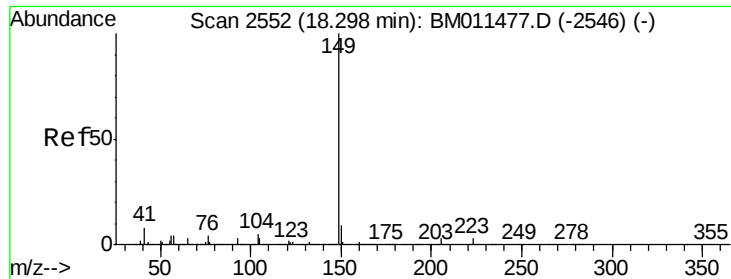
Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 505224 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.7  | 17.0  | 25.4   |
| 139       | 12.5  | 9.1   | 13.7   |

Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





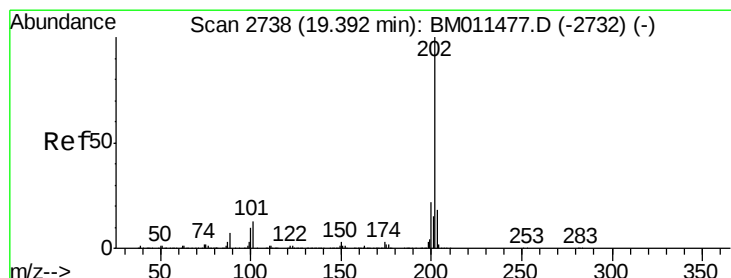
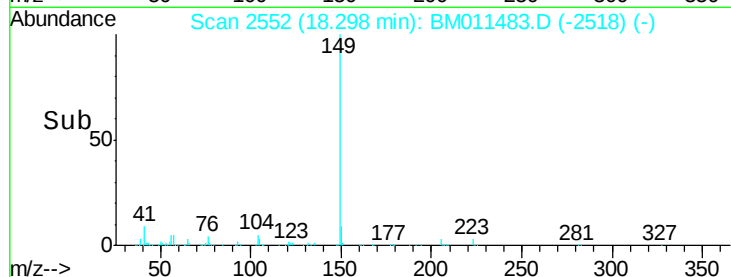
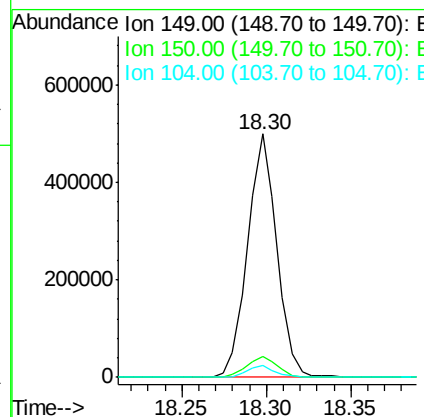
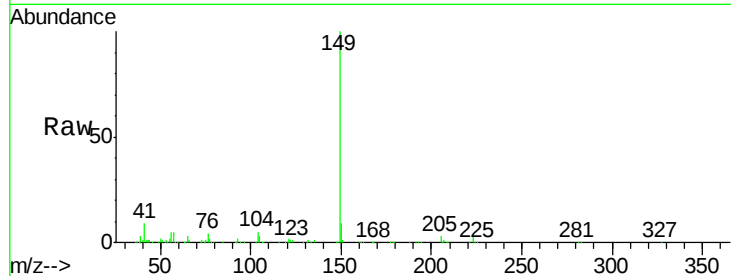
#76  
Di-n-butylphthalate  
Concen: 3.742 ng/ul  
RT: 18.30 min Scan# 2552  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 8.7   | 7.5        | 11.3       |
| 104     | 4.8   | 4.1        | 6.1        |

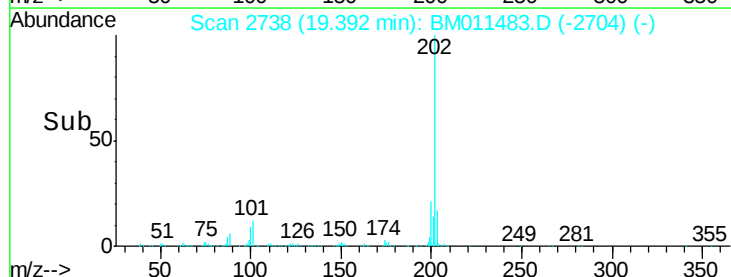
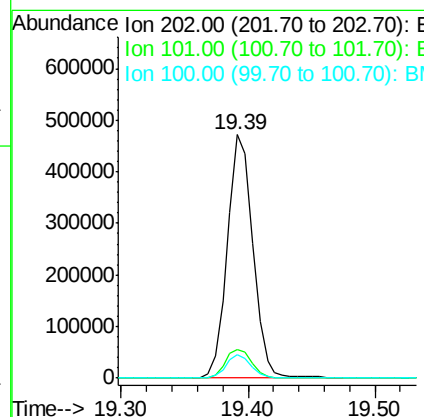
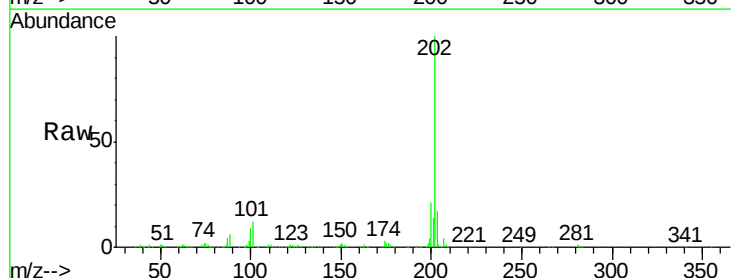
Manual Integrations  
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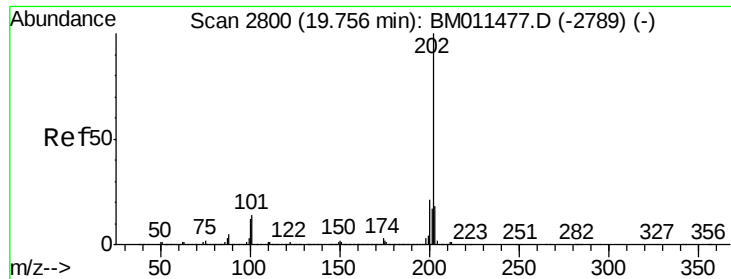
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9/11/2017 2:43:40 PM



#77  
Fluoranthene  
Concen: 4.579 ng/ul  
RT: 19.39 min Scan# 2738  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 11.9  | 6.1        | 9.1#       |
| 100     | 9.4   | 4.6        | 7.0#       |





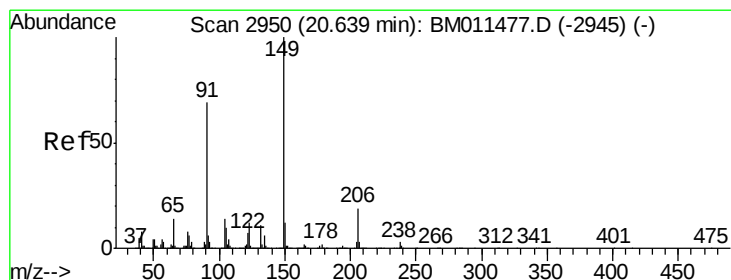
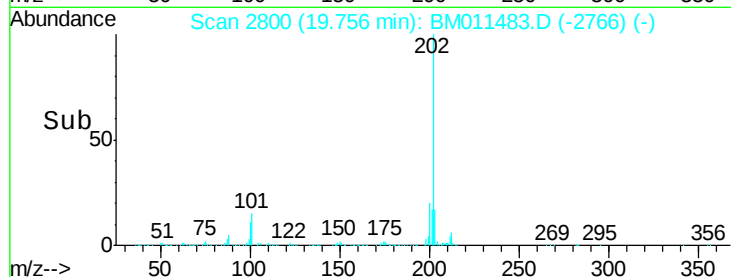
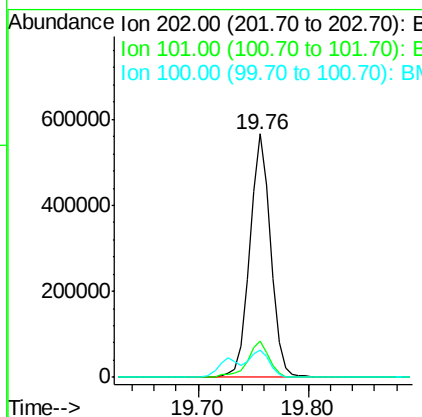
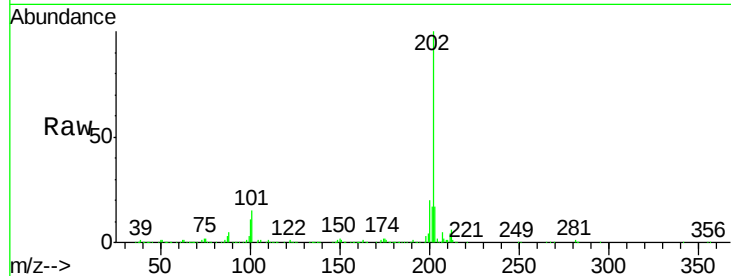
#80  
Pyrene  
Concen: 4.325 ng/ul  
RT: 19.76 min Scan# 2800  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 15.0  | 6.9        | 10.3#      |
| 100     | 11.1  | 5.6        | 8.4#       |

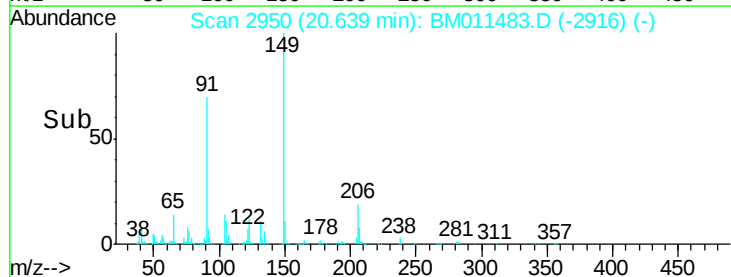
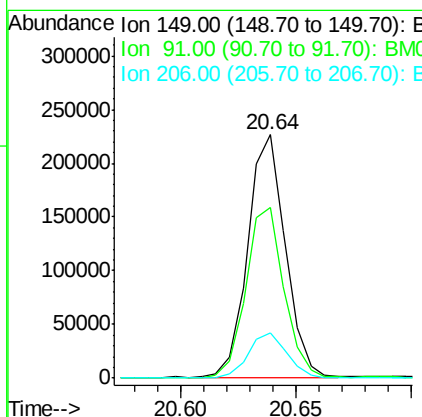
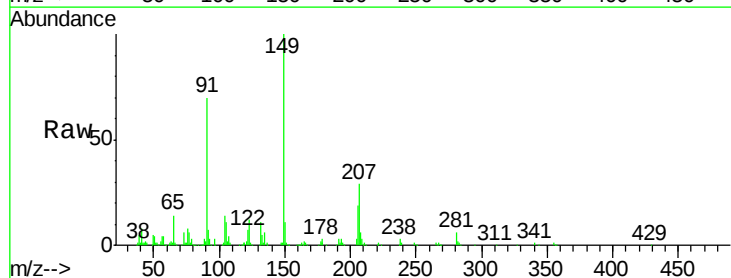
Manual Integrations  
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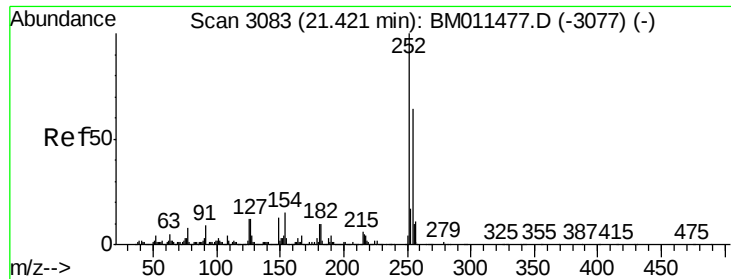
Sohil  
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#81  
Butylbenzylphthalate  
Concen: 3.209 ng/ul  
RT: 20.64 min Scan# 2950  
Delta R.T. -0.00 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 69.8  | 53.4       | 80.0       |
| 206     | 18.6  | 19.3       | 28.9#      |





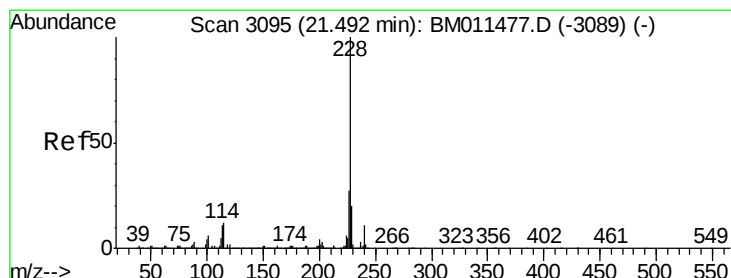
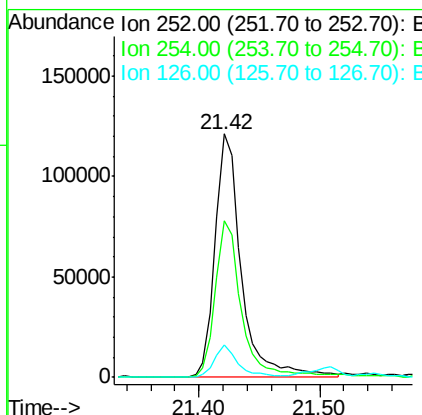
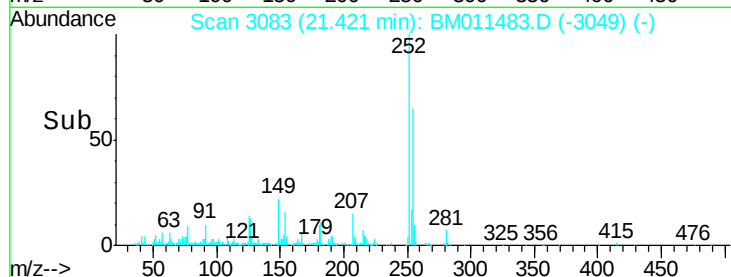
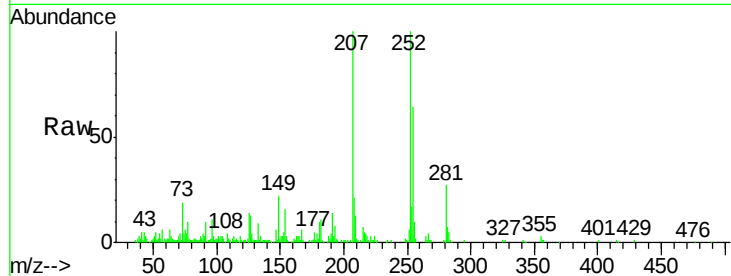
#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.315 ng/ul  
 RT: 21.42 min Scan# 3083  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 52.8  | 79.2  |
| 126     | 13.5  | 6.9   | 10.3  |

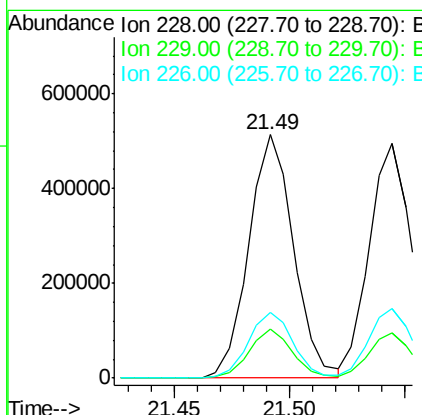
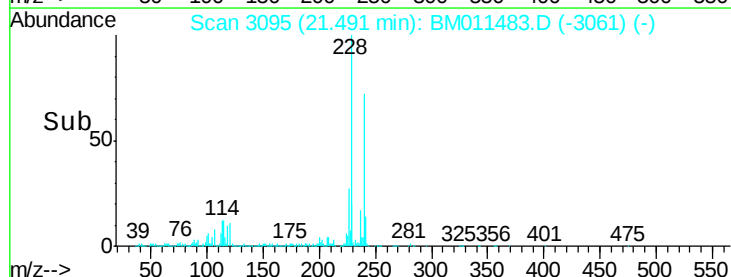
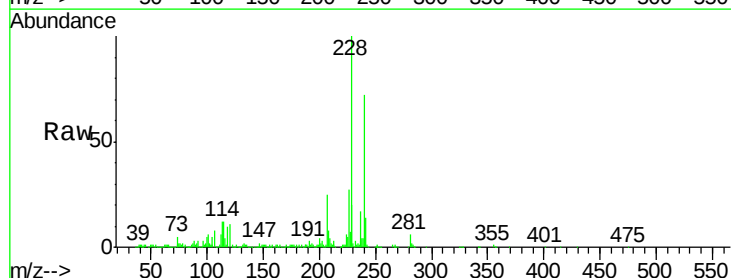
Manual Integrations  
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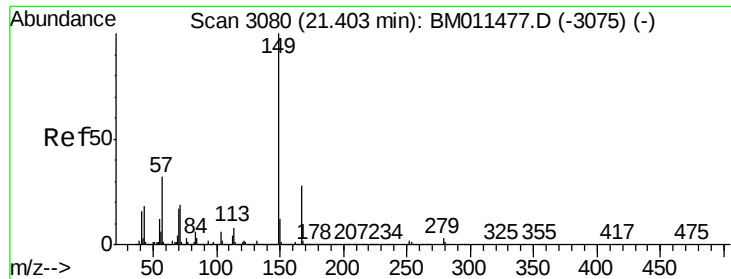
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#83  
 Benzo(a)anthracene  
 Concen: 4.230 ng/ul  
 RT: 21.49 min Scan# 3095  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 20.2  | 16.0  | 24.0  |
| 226     | 27.1  | 21.8  | 32.8  |





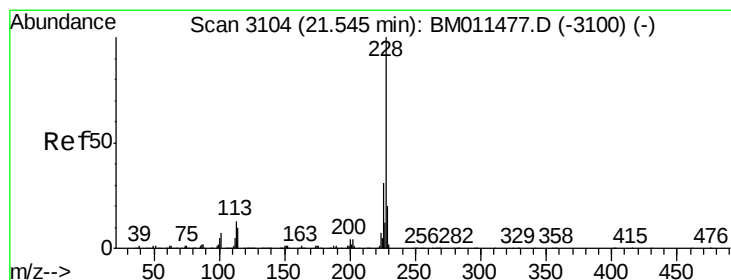
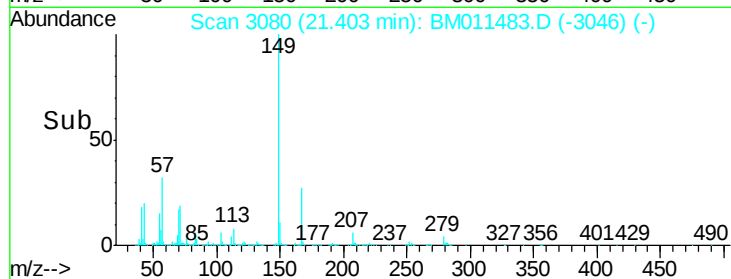
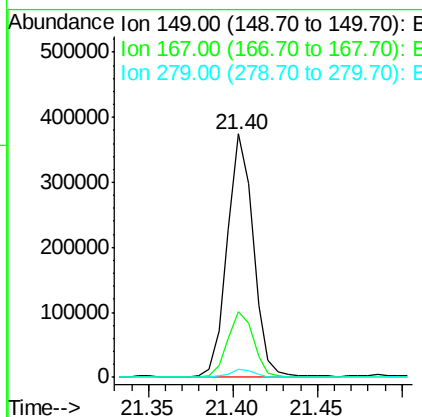
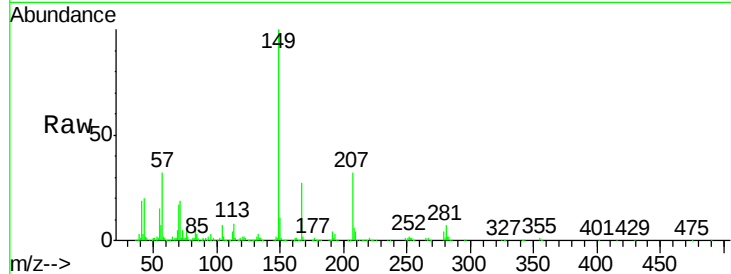
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.242 ng/ul  
 RT: 21.40 min Scan# 3080  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 26.8  | 23.0       | 34.6       |
| 279     | 3.5   | 4.3        | 6.5#       |

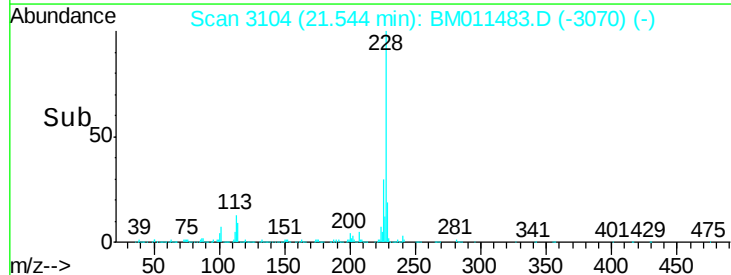
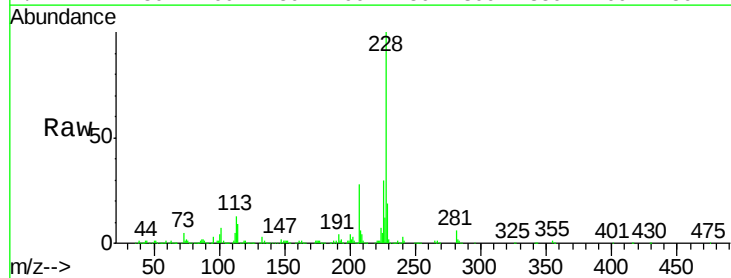
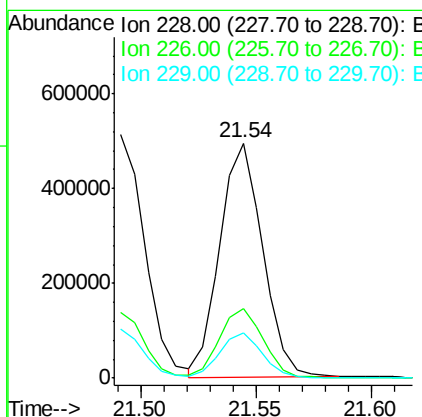
Manual Integrations  
 APPROVED

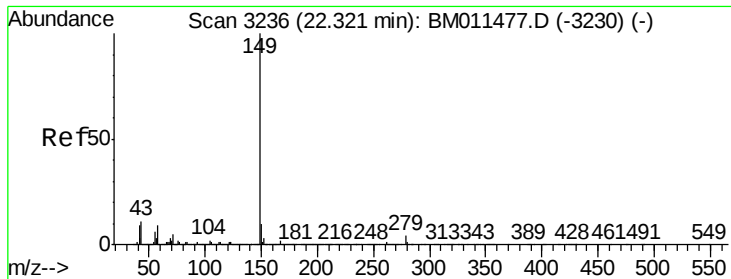
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 9/11/2017 2:43:40 PM



#85  
 Chrysene  
 Concen: 4.267 ng/ul  
 RT: 21.54 min Scan# 3104  
 Delta R.T. -0.00 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.6  | 24.1       | 36.1       |
| 229     | 19.5  | 16.0       | 24.0       |





#87

Di-n-octyl phthalate

Concen: 3.376 ng/uI

RT: 22.32 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

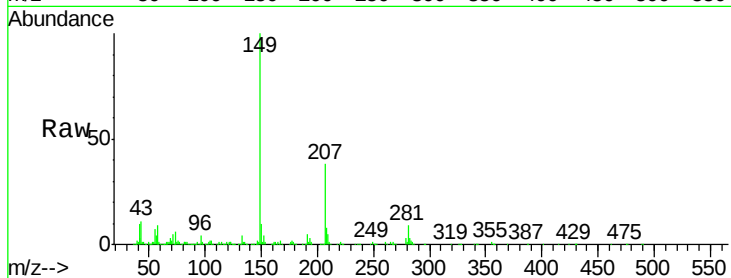
ClientSampleId :

MDL-W-05

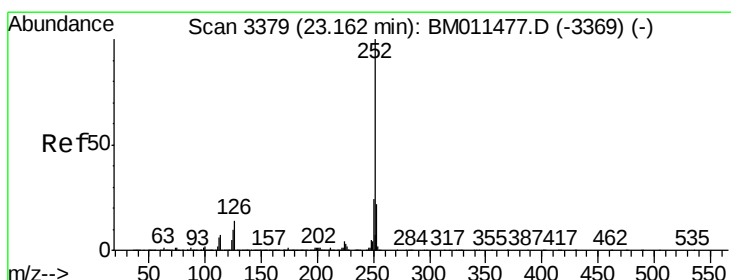
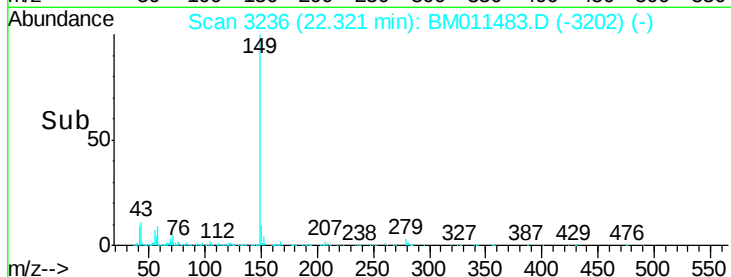
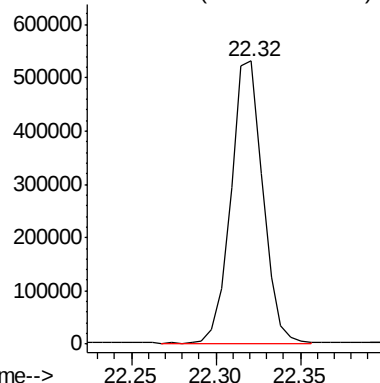
Tgt Ion:149 Resp: 694569

Manual Integrations  
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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.927 ng/uI

RT: 23.16 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

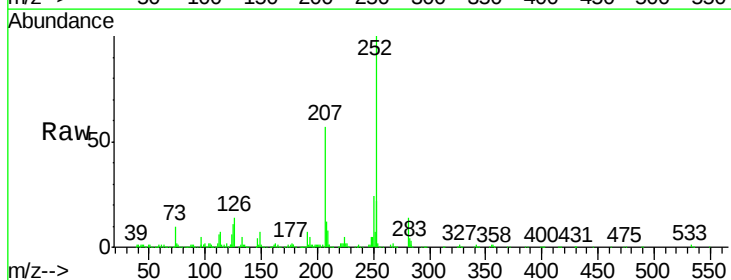
Tgt Ion:252 Resp: 684780

Ion Ratio Lower Upper

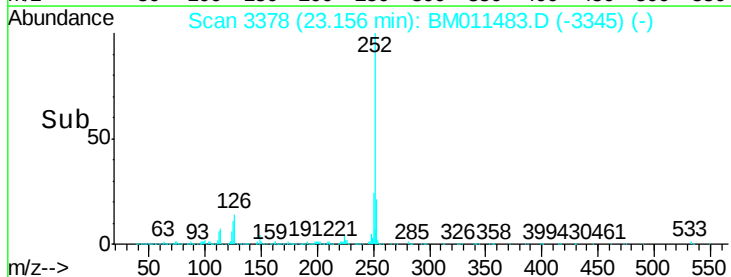
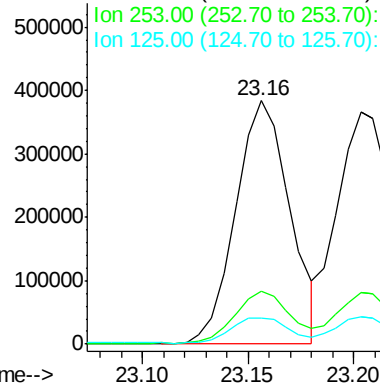
252 100

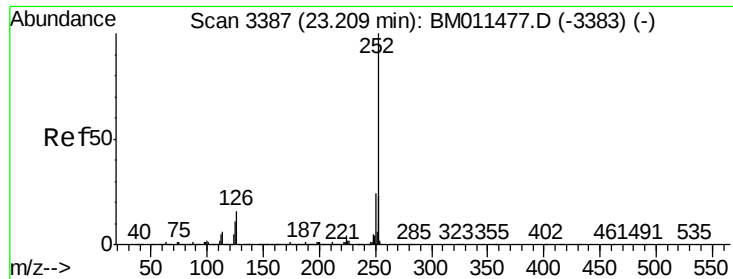
253 21.6 17.4 26.0

125 10.9 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 4.067 ng/ul

RT: 23.20 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

Instrument :

BNA\_M

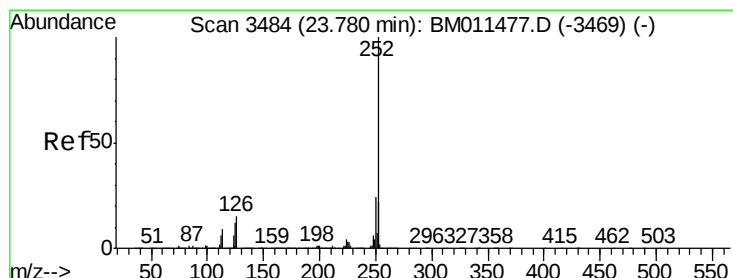
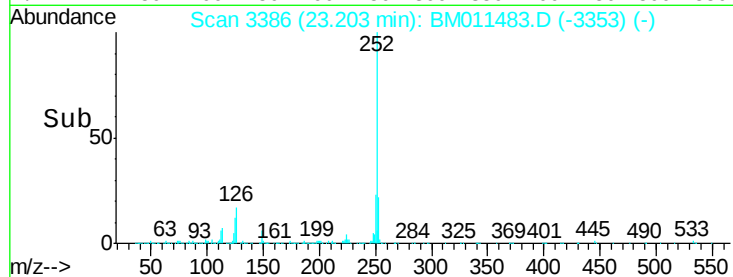
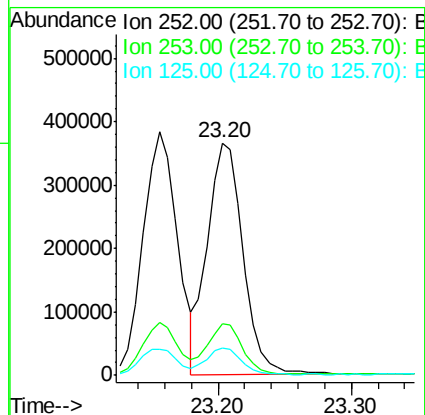
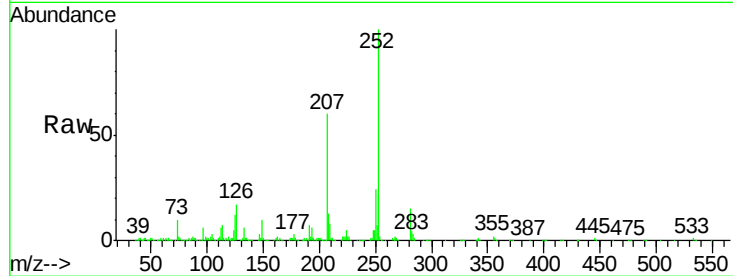
ClientSampled :

MDL-W-05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 681049 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 17.1  | 25.7   |
| 125       | 11.9  | 5.4   | 8.0#   |

Manual Integrations  
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#91

Benzo(a)pyrene

Concen: 4.192 ng/ul

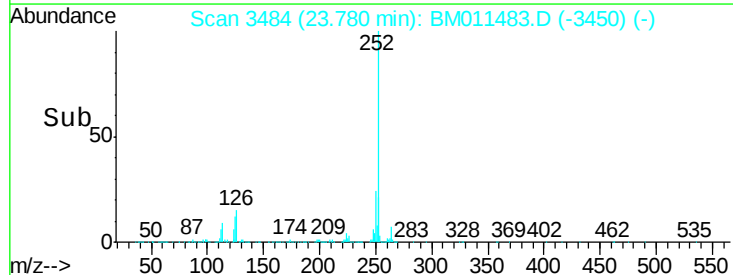
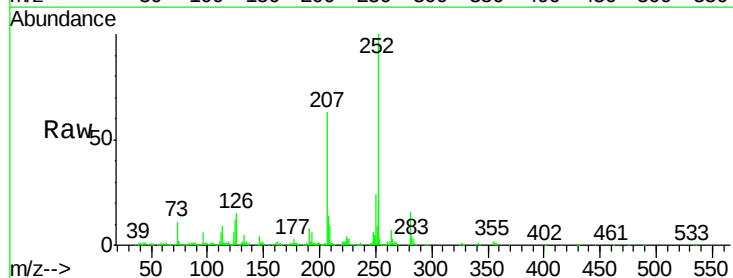
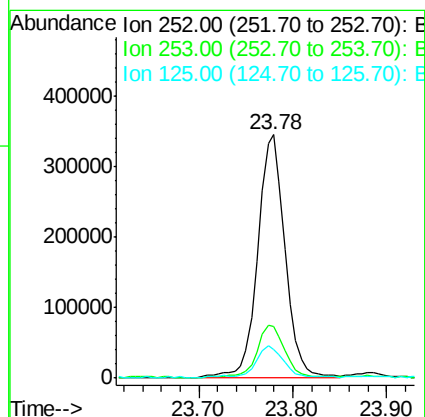
RT: 23.78 min Scan# 3484

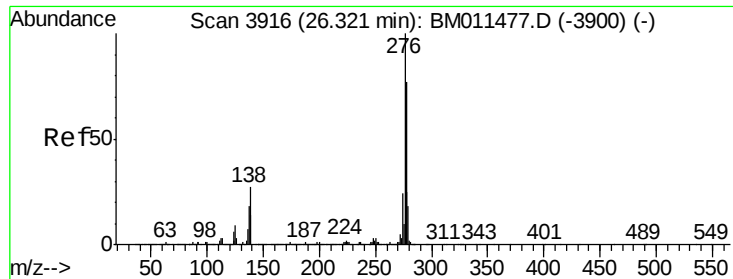
Delta R.T. -0.00 min

Lab File: BM011483.D

Acq: 09 Sep 2017 12:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 689977 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.3  | 17.2  | 25.8   |
| 125       | 11.9  | 5.8   | 8.6#   |





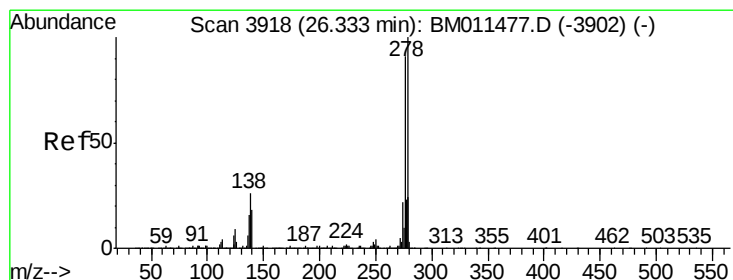
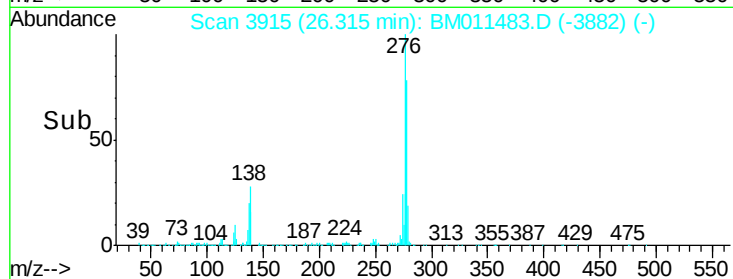
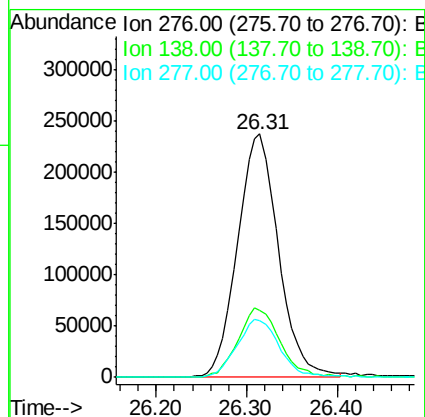
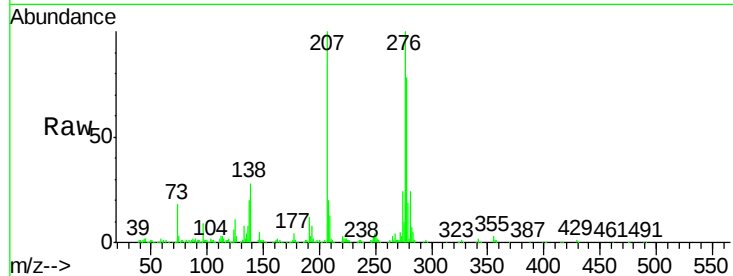
#92  
Indeno(1,2,3-cd)pyrene  
Concen: 4.125 ng/ul  
RT: 26.31 min Scan# 3915  
Delta R.T. -0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.7  | 10.9  | 16.3# |
| 277     | 23.5  | 18.9  | 28.3  |

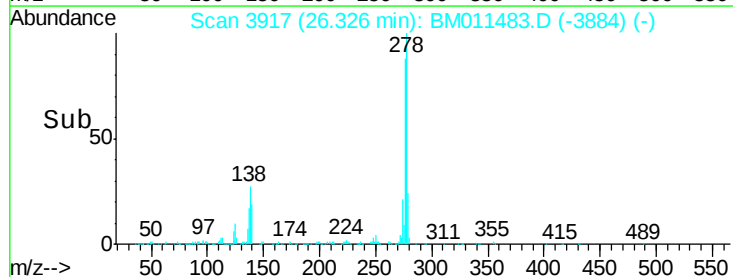
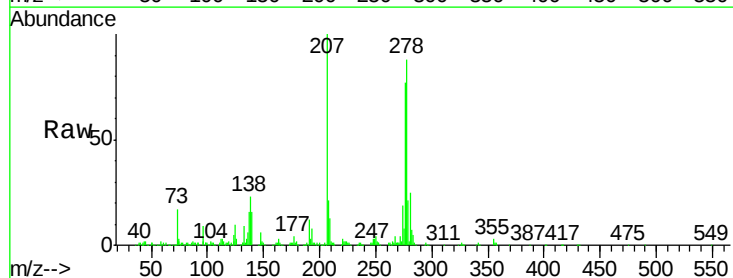
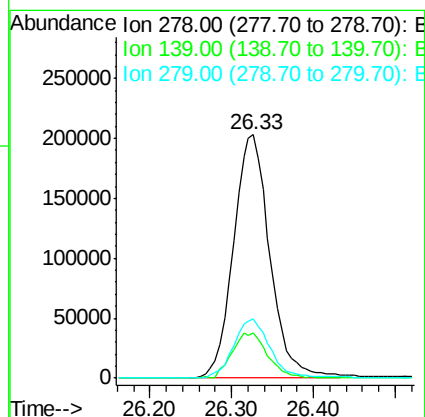
Manual Integrations  
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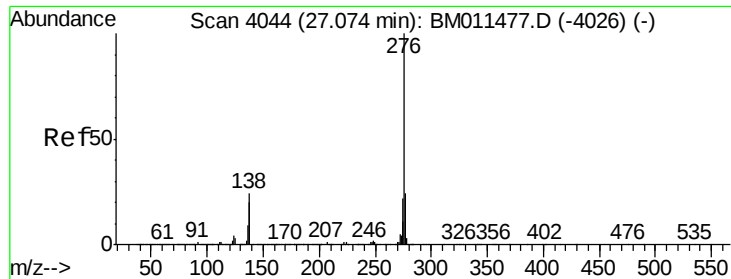
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#93  
Dibenzo(a,h)anthracene  
Concen: 4.091 ng/ul  
RT: 26.33 min Scan# 3917  
Delta R.T. -0.01 min  
Lab File: BM011483.D  
Acq: 09 Sep 2017 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.7  | 9.0   | 13.4# |
| 279     | 24.1  | 19.1  | 28.7  |





#94  
 Benzo(g,h,i)perylene  
 Concen: 4.267 ng/ul  
 RT: 27.06 min Scan# 4041  
 Delta R.T. -0.02 min  
 Lab File: BM011483.D  
 Acq: 09 Sep 2017 12:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.9  | 11.2  | 16.8# |
| 277     | 24.7  | 19.0  | 28.6  |

Manual Integrations  
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