

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN102418\  
 Data File : BN003268.D  
 Acq On : 24 Oct 2018 12:27  
 Operator : MJ/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Sohil  
 10/25/2018 3:20:05 PM

Quant Time: Oct 24 13:24:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 13:08:08 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 94547    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.37 | 136  | 439855   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.25 | 164  | 268686   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.00 | 188  | 617408   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.21 | 240  | 670399   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.42 | 264  | 707409   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 546122  | 92.99  | ng | 0.00 |
| 7) Phenol-d6             | 6.80  | 99  | 789910  | 95.85  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.76  | 82  | 773638  | 90.20  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.75 | 330 | 367960  | 105.46 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.86 | 172 | 1953835 | 94.72  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.64 | 244 | 3063137 | 95.30  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.21  | 88  | 121123  | 54.938 | ng | 99     |
| 3) Pyridine                    | 3.59  | 79  | 312132  | 48.875 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.52  | 42  | 108494  | 39.604 | ng | 99     |
| 6) Aniline                     | 6.95  | 93  | 495137  | 49.183 | ng | 99     |
| 8) 2-Chlorophenol              | 7.18  | 128 | 334985  | 49.184 | ng | 100    |
| 9) Benzaldehyde                | 6.76  | 77  | 203533  | 40.100 | ng | 97     |
| 10) Phenol                     | 6.83  | 94  | 416410  | 49.292 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.04  | 93  | 330972  | 48.135 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.49  | 146 | 369629  | 47.621 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.63  | 146 | 380219  | 47.883 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.95  | 146 | 366144  | 47.798 | ng | 99     |
| 15) Benzyl Alcohol             | 7.85  | 79  | 283257  | 45.548 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 483078  | 43.508 | ng | 99     |
| 17) 2-Methylphenol             | 8.06  | 107 | 285916  | 49.576 | ng | 99     |
| 18) Hexachloroethane           | 8.65  | 117 | 131898  | 45.386 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.40  | 70  | 286587  | 47.942 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.39  | 107 | 404581  | 50.280 | ng | 99     |
| 22) Acetophenone               | 8.42  | 105 | 537518  | 47.132 | ng | # 99   |
| 24) Nitrobenzene               | 8.80  | 77  | 394271  | 44.355 | ng | 98     |
| 25) Isophorone                 | 9.32  | 82  | 682362  | 46.334 | ng | 99     |
| 26) 2-Nitrophenol              | 9.50  | 139 | 214925  | 50.053 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.58  | 122 | 290198  | 48.595 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.79  | 93  | 453050  | 47.624 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.04 | 162 | 339722  | 48.785 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.24 | 180 | 375898  | 47.664 | ng | 98     |
| 31) Naphthalene                | 10.42 | 128 | 1065141 | 47.982 | ng | 99     |
| 32) Benzoic acid               | 9.79  | 122 | 244556m | 48.267 | ng |        |
| 33) 4-Chloroaniline            | 10.55 | 127 | 485578  | 49.161 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.69 | 225 | 220832  | 45.726 | ng | 98     |
| 35) Caprolactam                | 11.35 | 113 | 136577  | 57.470 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107 | 380320  | 48.030 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.04 | 142 | 760114  | 48.550 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.26 | 142 | 740811  | 46.137 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 439340  | 48.630 | ng | 99     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

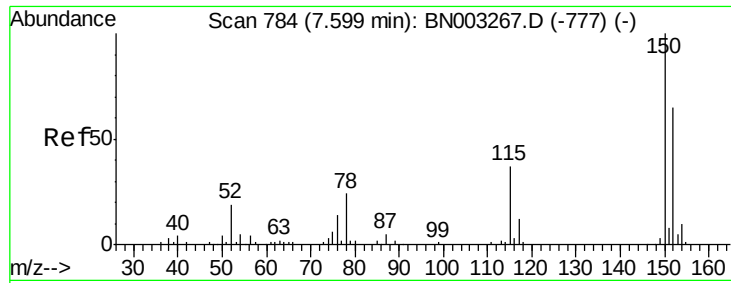
Sohil  
 10/25/2018 3:20:05 PM

Quant Time: Oct 24 13:24:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 13:08:08 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.39 | 237  | 170415   | 33.398 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.67 | 196  | 287728   | 47.467 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.76 | 196  | 305878   | 47.637 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.07 | 154  | 1165307  | 49.287 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.11 | 162  | 857715   | 46.998 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.33 | 65   | 267132   | 45.490 | ng    | 98       |
| 49) Acenaphthylene             | 13.96 | 152  | 1325294  | 47.855 | ng    | 100      |
| 50) Dimethylphthalate          | 13.71 | 163  | 1074654  | 48.150 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.84 | 165  | 248766   | 50.170 | ng    | 98       |
| 52) Acenaphthene               | 14.31 | 154  | 798100   | 47.843 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.17 | 138  | 275828   | 51.340 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 130920   | 49.865 | ng    | 96       |
| 55) Dibenzofuran               | 14.65 | 168  | 1284499  | 47.492 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.52 | 139  | 178118   | 43.184 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.65 | 165  | 342369   | 50.875 | ng    | 99       |
| 58) Fluorene                   | 15.30 | 166  | 989350   | 48.532 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 264927   | 47.975 | ng    | 98       |
| 60) Diethylphthalate           | 15.08 | 149  | 1084672  | 47.748 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204  | 552319   | 48.964 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.35 | 138  | 275829   | 50.365 | ng    | 99       |
| 63) Azobenzene                 | 15.59 | 77   | 1012268  | 46.440 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 222705   | 53.428 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.52 | 169  | 955599   | 46.643 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.19 | 248  | 346326   | 47.916 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.31 | 284  | 389439   | 48.713 | ng    | 98       |
| 69) Atrazine                   | 16.48 | 200  | 341338   | 49.486 | ng    | 97       |
| 70) Pentachlorophenol          | 16.67 | 266  | 183637   | 35.685 | ng    | 99       |
| 71) Phenanthrene               | 17.05 | 178  | 1601251  | 47.514 | ng    | 99       |
| 72) Anthracene                 | 17.13 | 178  | 1606692  | 48.168 | ng    | 99       |
| 73) Carbazole                  | 17.42 | 167  | 1657250  | 49.515 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.97 | 149  | 1953810  | 50.044 | ng    | 100      |
| 75) Fluoranthene               | 19.07 | 202  | 1873154  | 51.193 | ng    | 100      |
| 77) Benzidine                  | 19.26 | 184  | 846821   | 38.729 | ng    | 98       |
| 78) Pyrene                     | 19.43 | 202  | 1955094  | 42.288 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.34 | 149  | 915669   | 45.499 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.20 | 228  | 1909079  | 46.722 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 787359   | 49.461 | ng    | 98       |
| 83) Chrysene                   | 21.25 | 228  | 1838631  | 47.260 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 1332089  | 47.466 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.99 | 149  | 2311165  | 51.940 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.63 | 276  | 2086981  | 55.021 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 1958169  | 46.903 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.81 | 252  | 1833601  | 44.595 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.33 | 252  | 1838641  | 47.156 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.63 | 278  | 1793756  | 49.001 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.30 | 276  | 1710917  | 48.362 | ng    | 99       |

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





#1

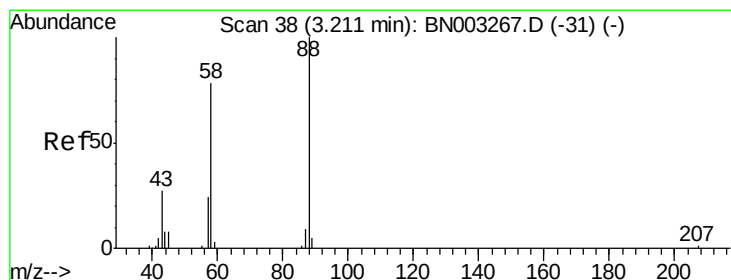
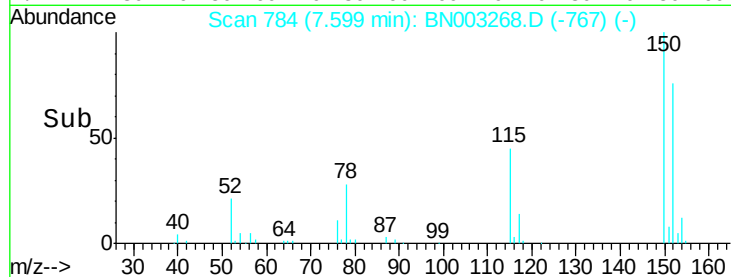
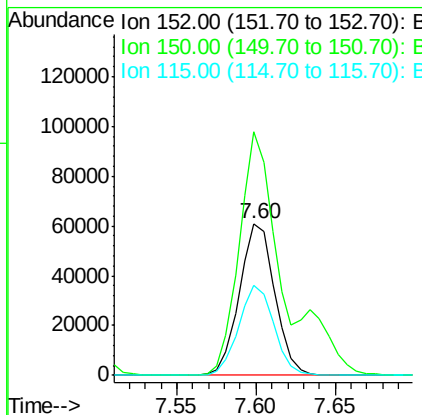
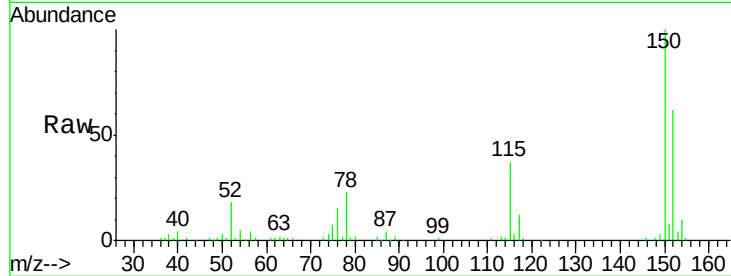
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.60 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.5 | 123.8 | 185.8 |
| 115     | 59.2  | 45.9  | 68.9  |

Manual Integrations  
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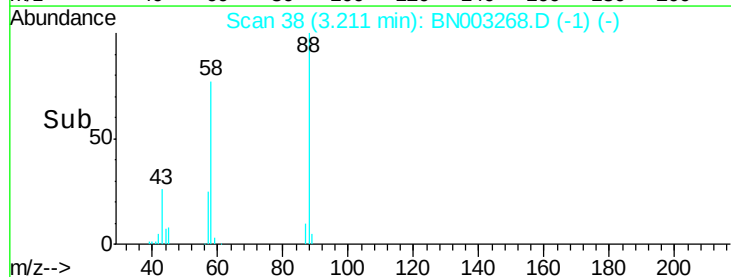
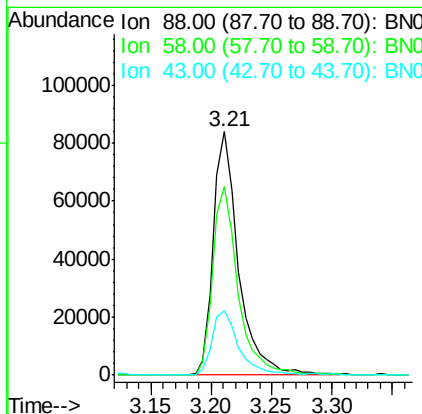
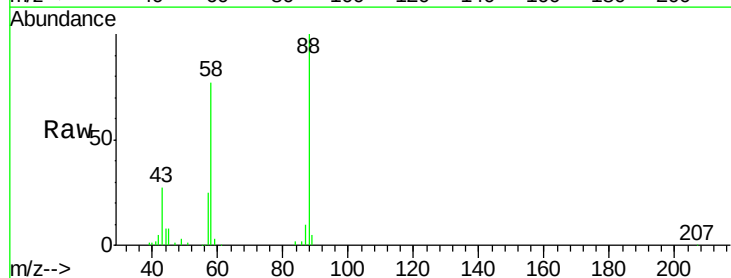
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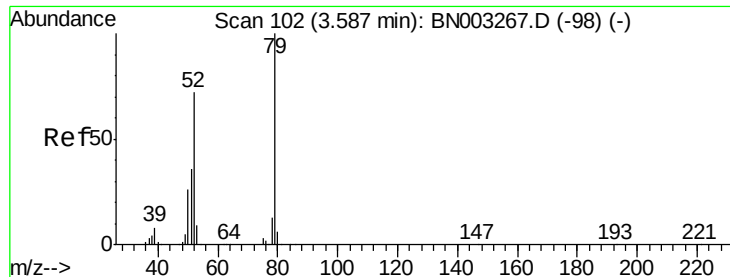


#2

1,4-Dioxane  
Concen: 54.938 ng  
RT: 3.21 min Scan# 38  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.9  | 61.1  | 91.7  |
| 43      | 28.2  | 22.2  | 33.4  |





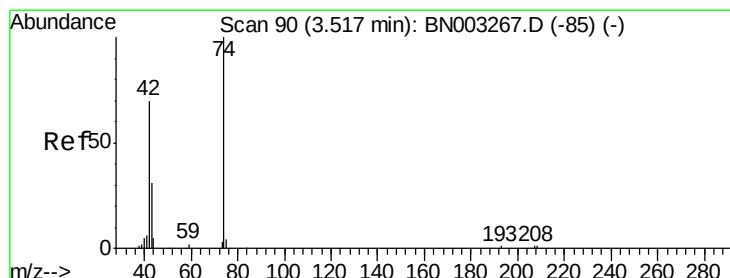
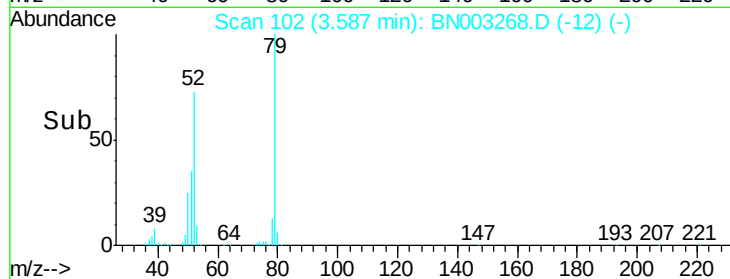
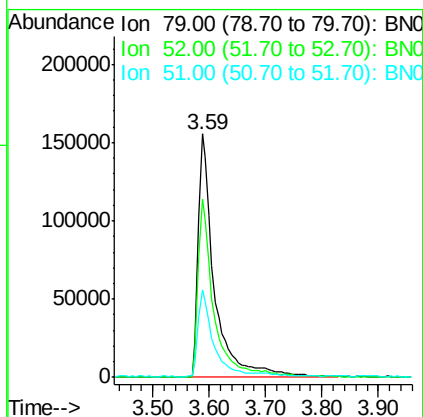
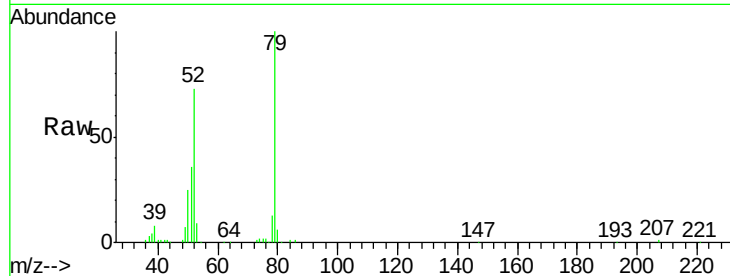
#3  
 Pyridine  
 Concen: 48.875 ng  
 RT: 3.59 min Scan# 102  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 73.1  | 57.7  | 86.5  |
| 51      | 36.0  | 28.7  | 43.1  |

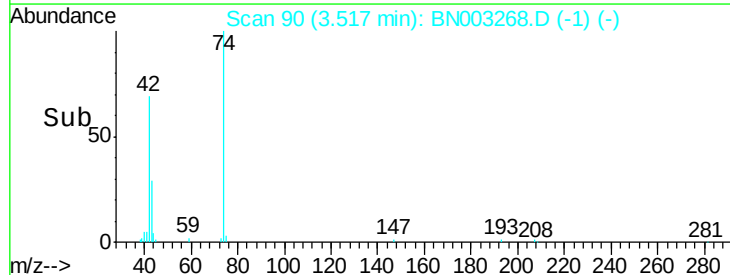
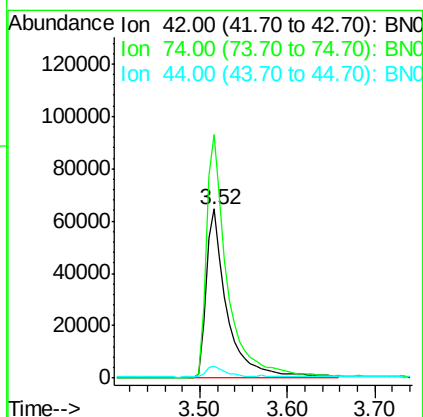
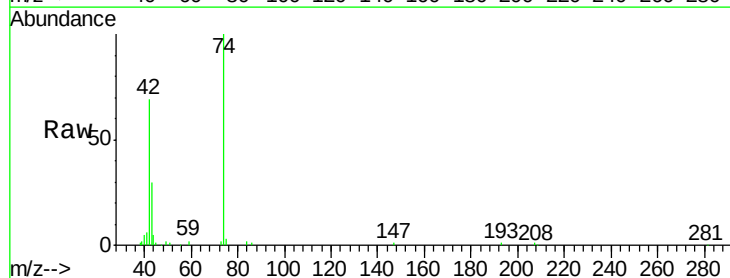
Manual Integrations  
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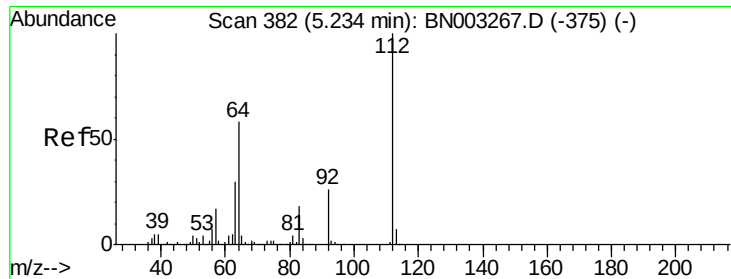
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#4  
 n-Nitrosodimethylamine  
 Concen: 39.604 ng  
 RT: 3.52 min Scan# 90  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 144.1 | 114.2 | 171.4 |
| 44      | 7.3   | 6.1   | 9.1   |





#5

2-Fluorophenol

Concen: 92.993 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

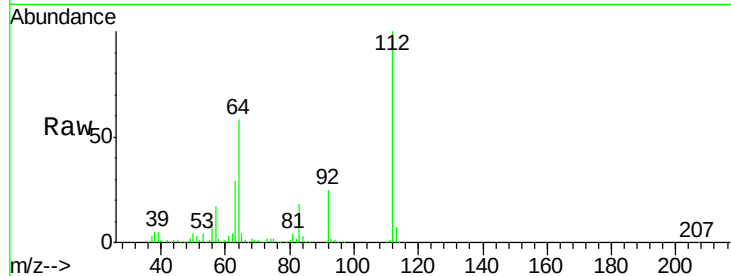
ClientSampleId :

SSTDICC050

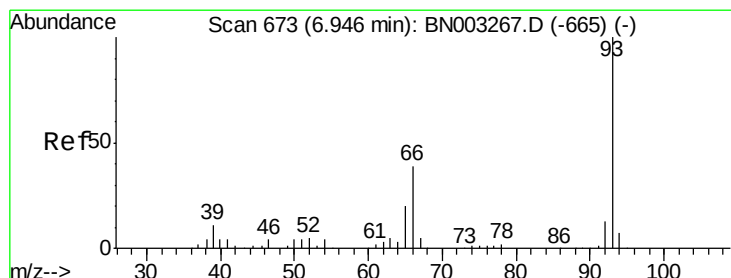
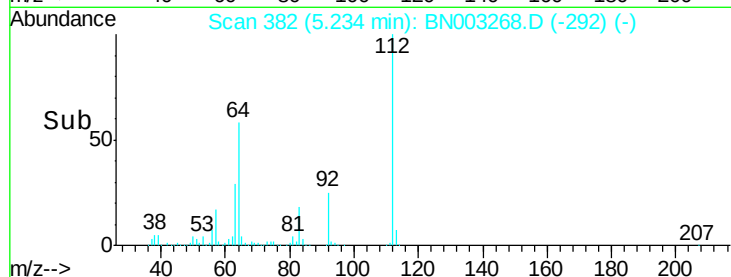
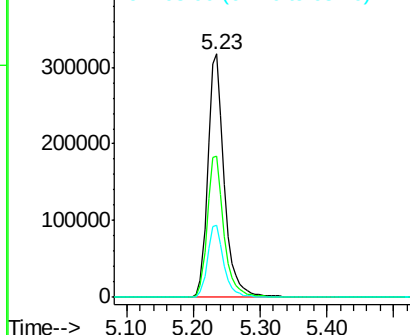
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 546122 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.1  | 46.6  | 69.8   |
| 63        | 29.5  | 23.8  | 35.8   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BNC  
Ion 64.00 (63.70 to 64.70): BNC  
Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 49.183 ng

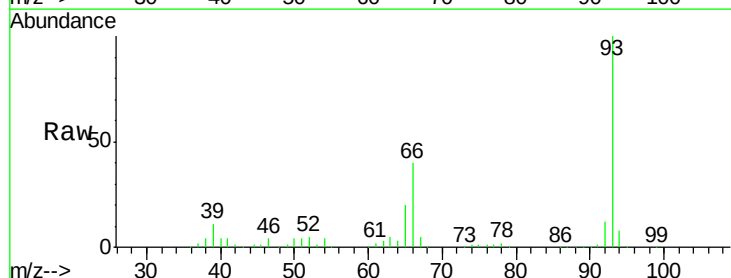
RT: 6.95 min Scan# 673

Delta R.T. -0.00 min

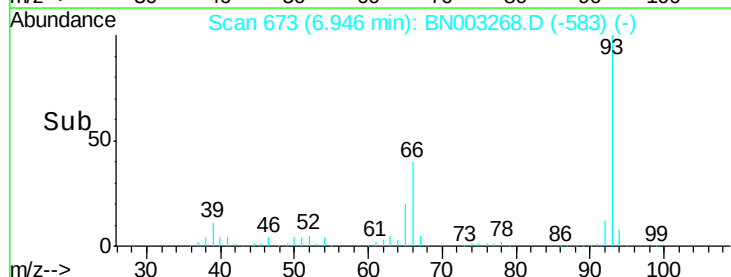
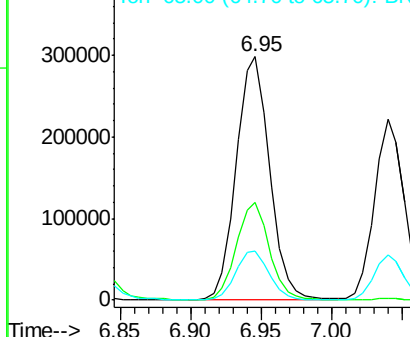
Lab File: BN003268.D

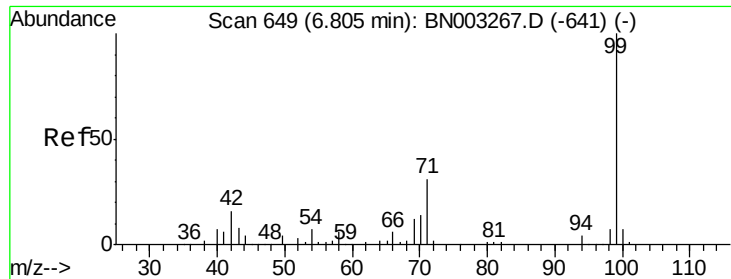
Acq: 24 Oct 2018 12:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 495137 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.0  | 31.4  | 47.0   |
| 65        | 20.1  | 15.7  | 23.5   |



Abundance Ion 93.00 (92.70 to 93.70): BNC  
Ion 66.00 (65.70 to 66.70): BNC  
Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 95.847 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

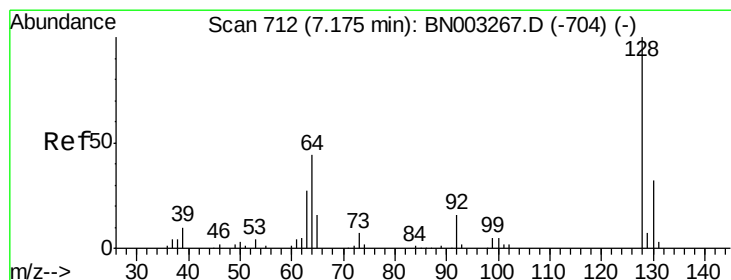
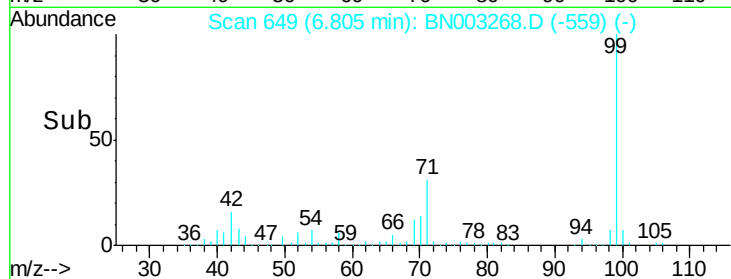
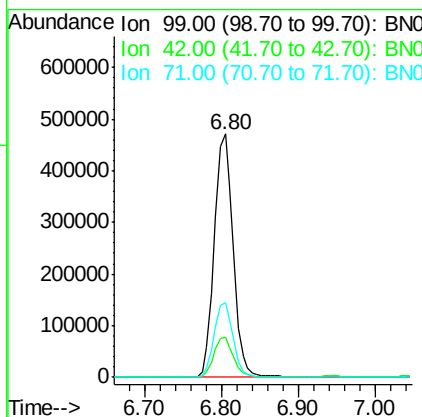
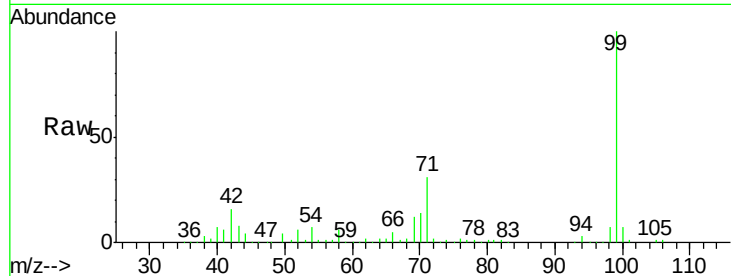
ClientSampleId :

SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 16.2  | 13.0  | 19.6  |
| 71      | 30.7  | 24.5  | 36.7  |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.184 ng

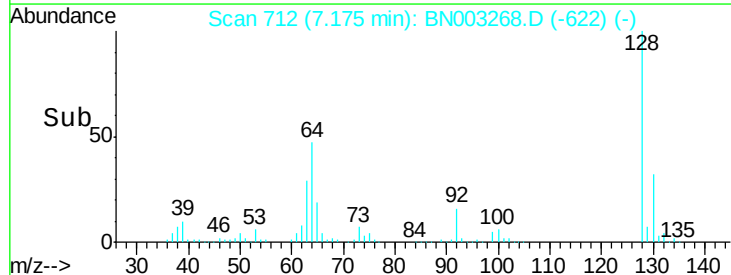
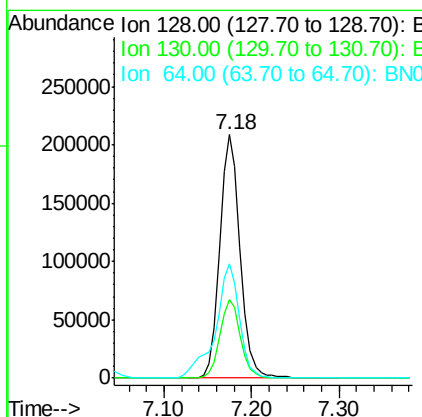
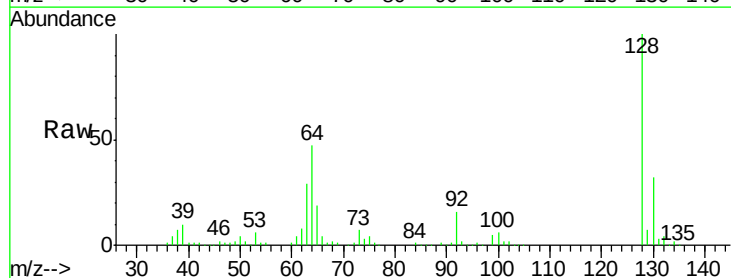
RT: 7.18 min Scan# 712

Delta R.T. -0.00 min

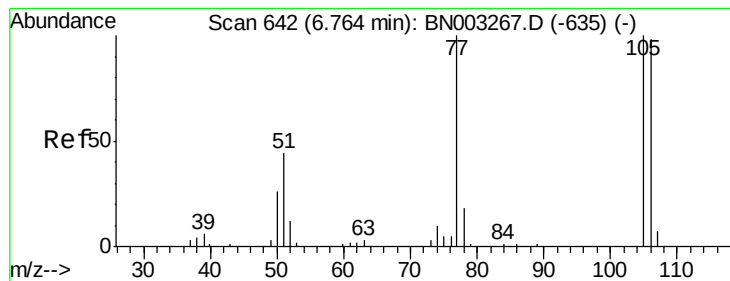
Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 130     | 32.2  | 12.4  | 52.4  |
| 64      | 46.8  | 27.0  | 67.0  |







#9

Benzaldehyde

Concen: 40.100 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 203533

Ion Ratio Lower Upper

77 100

105 103.0 79.9 119.9

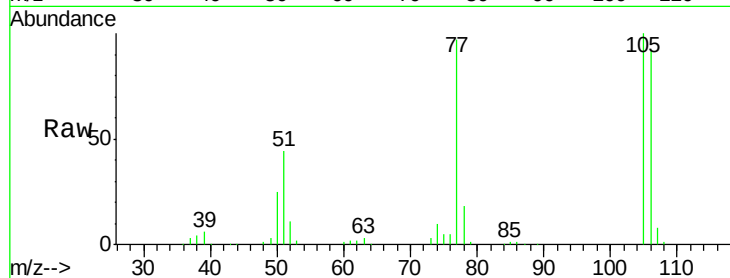
106 95.2 78.4 118.4

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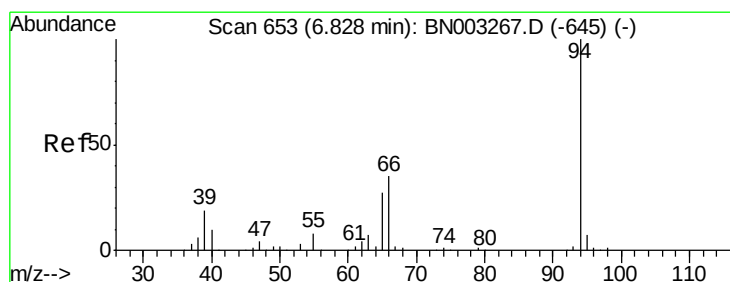
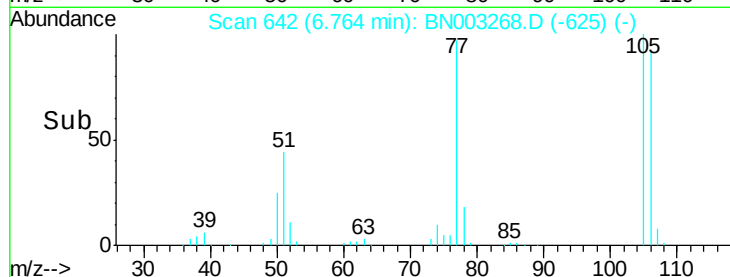
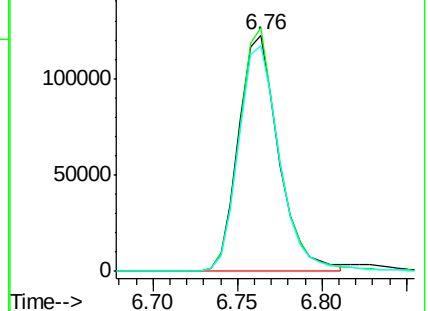
10/25/2018 3:20:05 PM



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): BN0

Ion 106.00 (105.70 to 106.70): BN0



#10

Phenol

Concen: 49.292 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

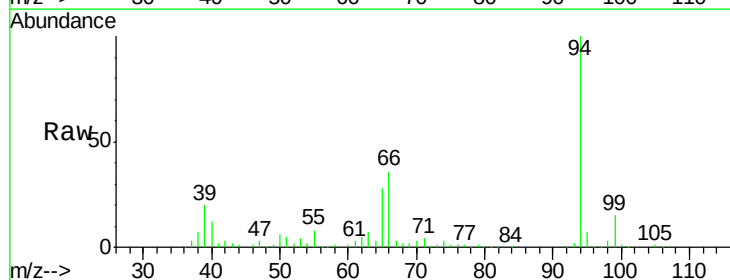
Tgt Ion: 94 Resp: 416410

Ion Ratio Lower Upper

94 100

65 28.3 7.7 47.7

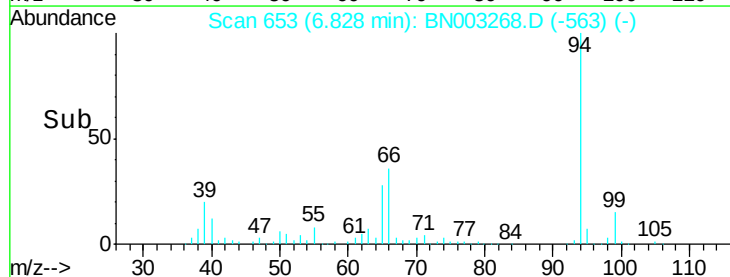
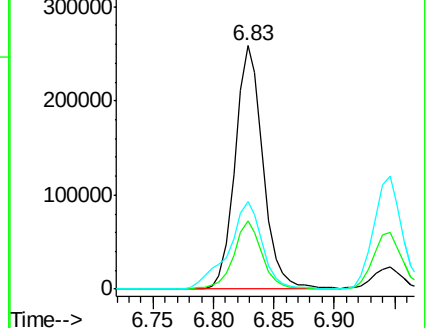
66 35.7 15.8 55.8



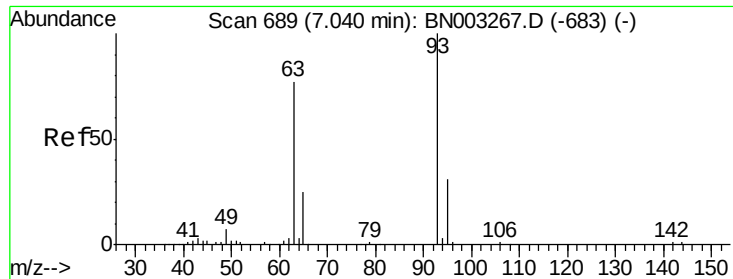
Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0







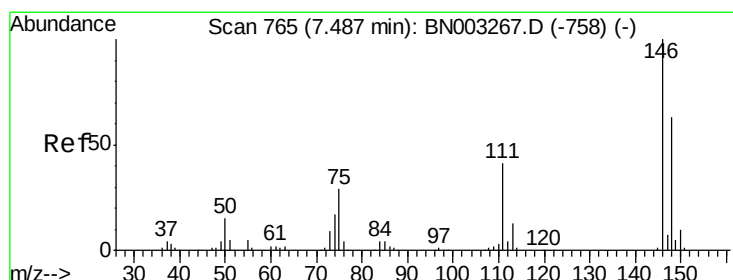
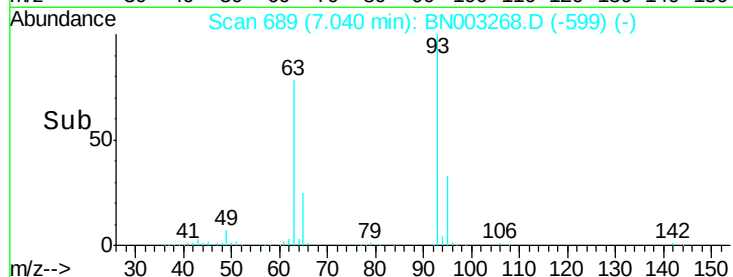
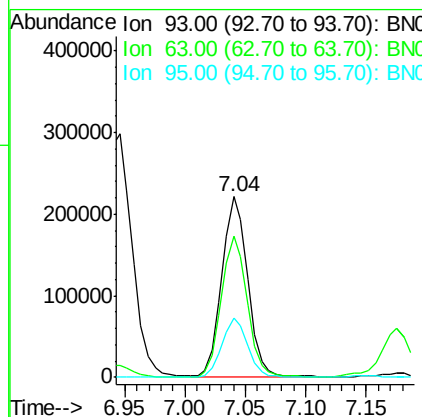
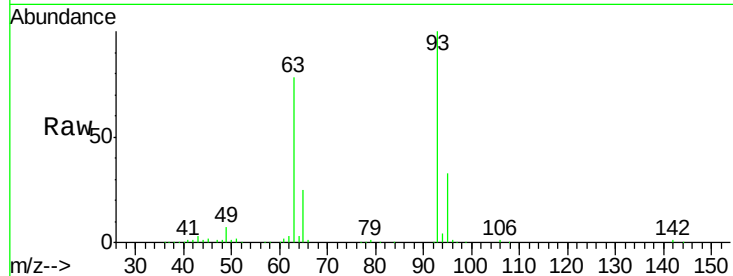
#11  
bis(2-Chloroethyl)ether  
Concen: 48.135 ng  
RT: 7.04 min Scan# 689  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 78.1  | 56.6  | 96.6  |
| 95      | 32.8  | 10.9  | 50.9  |

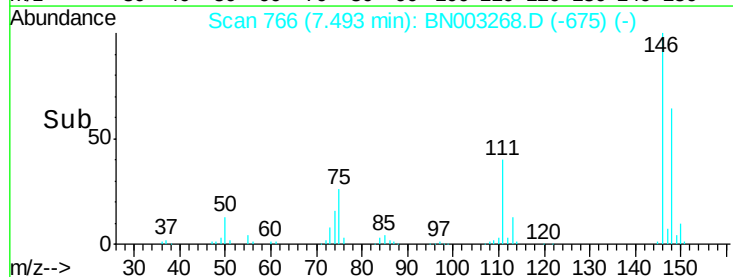
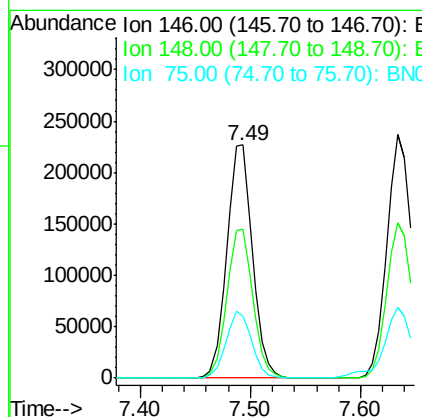
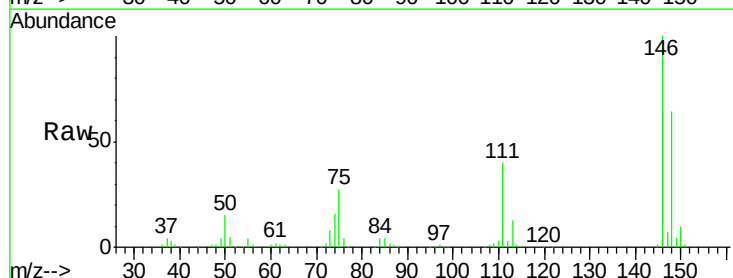
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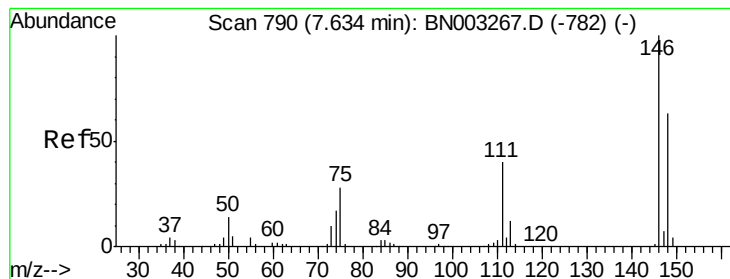
Sohil  
10/25/2018 3:20:05 PM



#12  
1,3-Dichlorobenzene  
Concen: 47.621 ng  
RT: 7.49 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.1  | 75.1  |
| 75      | 26.7  | 22.9  | 34.3  |





#13

1,4-Dichlorobenzene

Concen: 47.883 ng

RT: 7.63 min Scan# 790

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

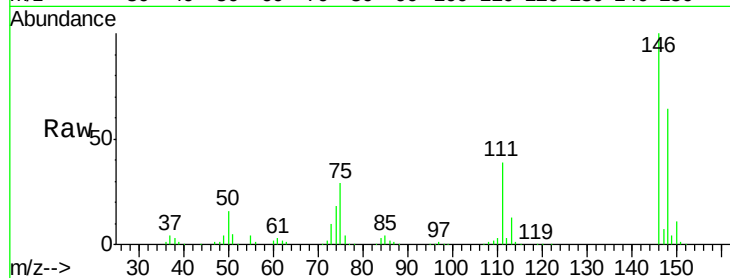
ClientSampleId :

SSTDIC050

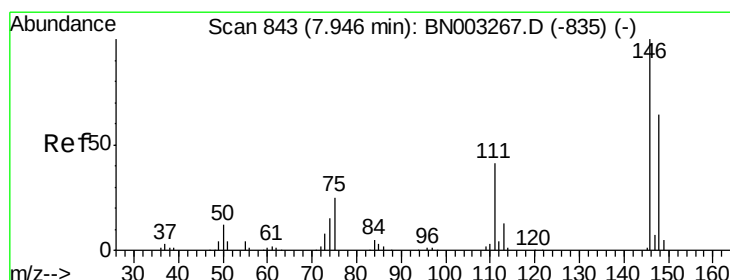
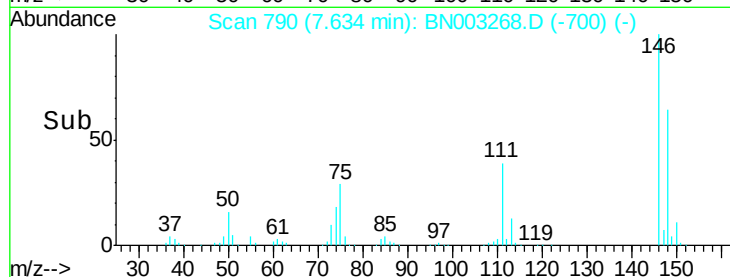
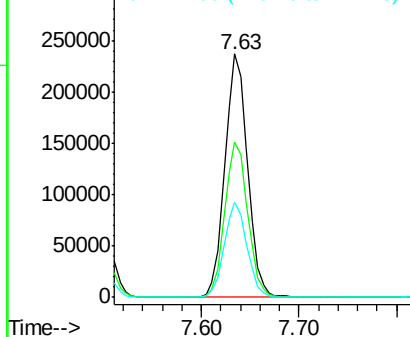
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 380219 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 50.2  | 75.2   |
| 111       | 39.3  | 32.1  | 48.1   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.798 ng

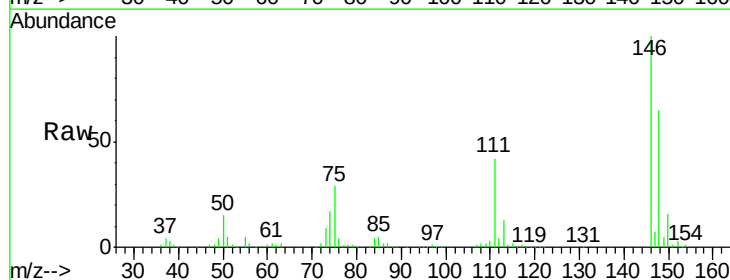
RT: 7.95 min Scan# 843

Delta R.T. -0.00 min

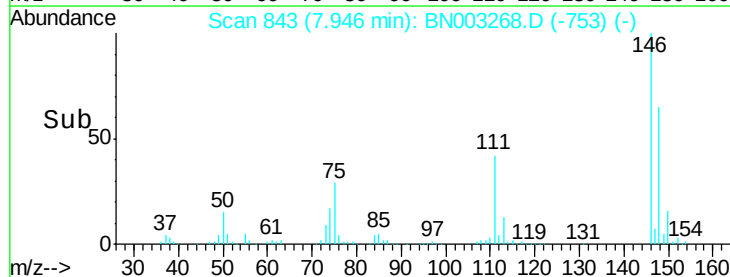
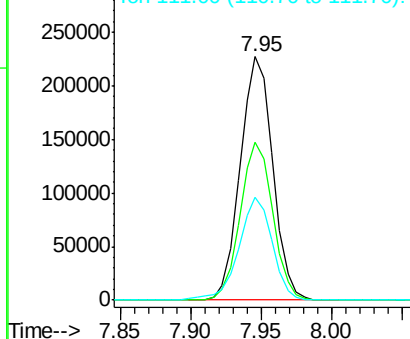
Lab File: BN003268.D

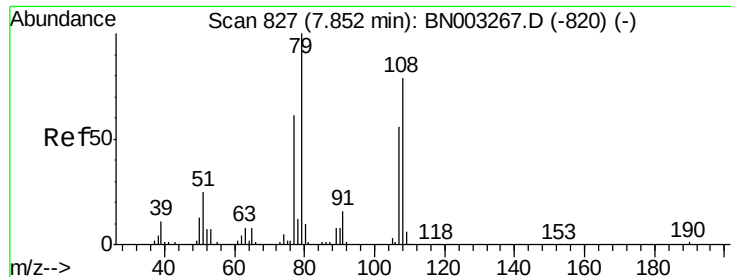
Acq: 24 Oct 2018 12:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 366144 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 51.4  | 77.2   |
| 111       | 42.4  | 33.1  | 49.7   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.548 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

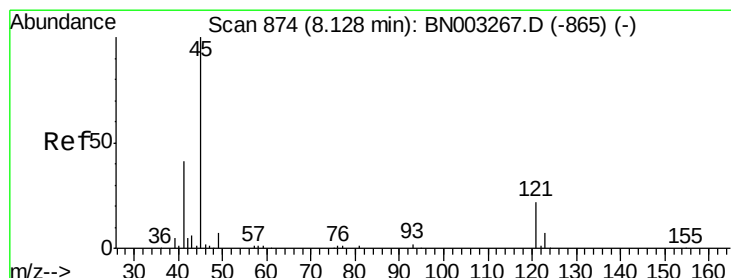
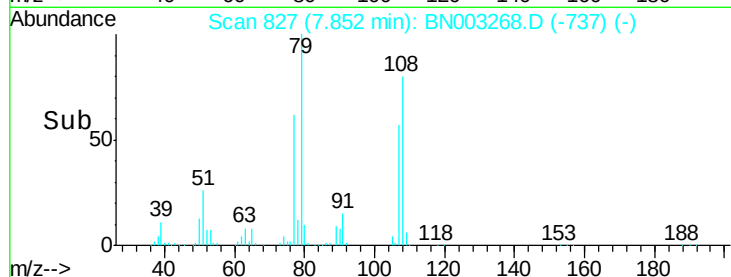
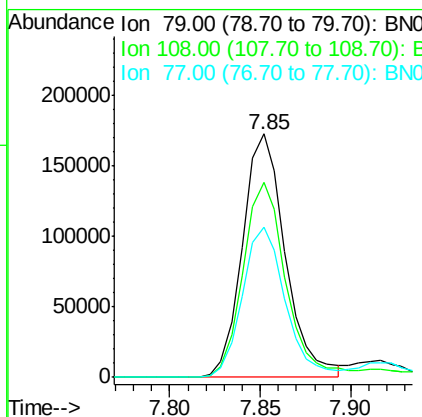
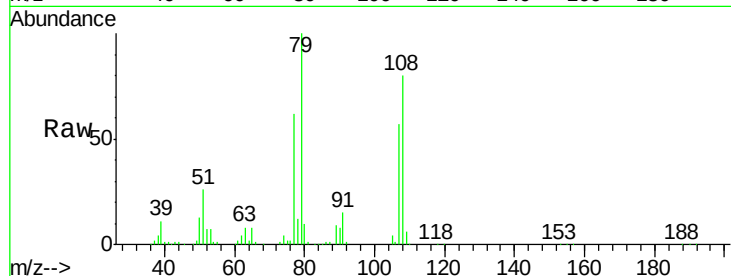
ClientSampleId :

SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 283257 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.1  | 63.3  | 94.9   |
| 77        | 61.8  | 49.0  | 73.6   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.508 ng

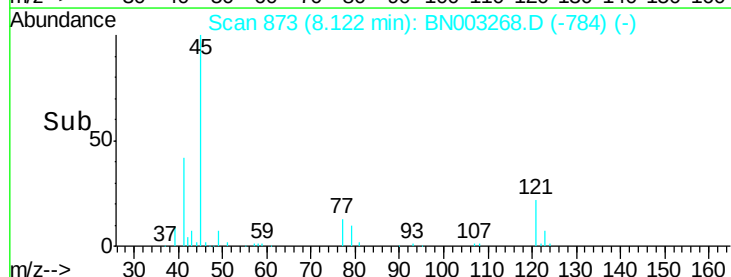
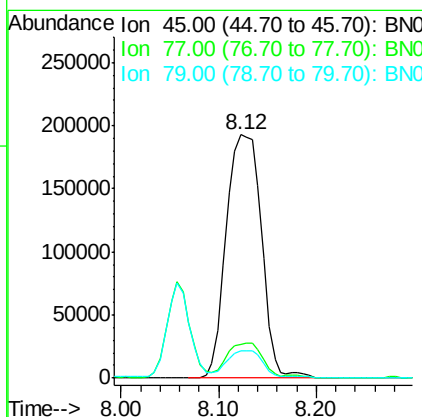
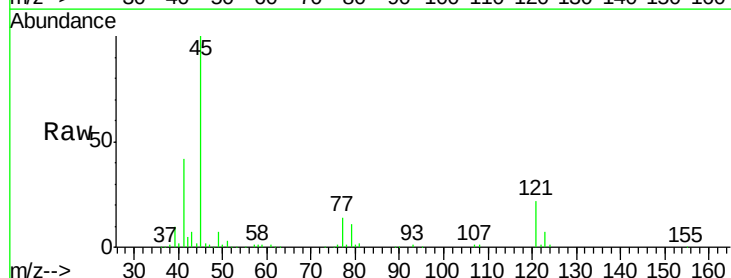
RT: 8.12 min Scan# 873

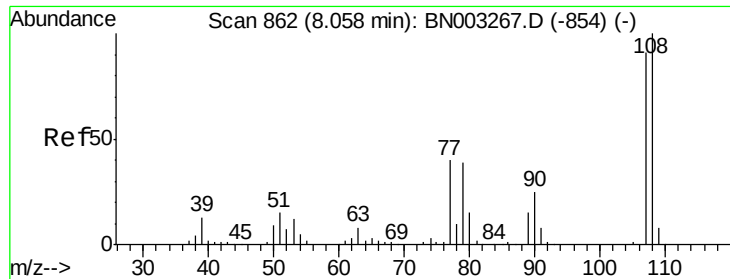
Delta R.T. -0.01 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 483078 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.9  | 0.0   | 34.0   |
| 79        | 11.2  | 0.0   | 30.9   |





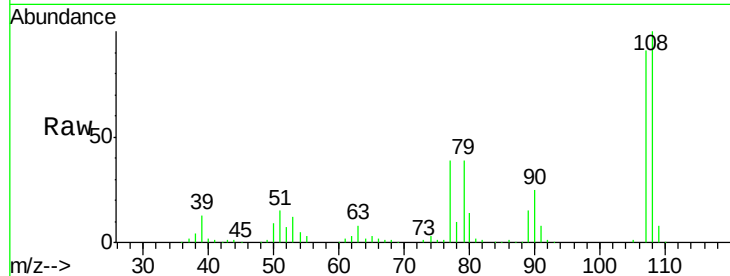
#17  
2-Methylphenol  
Concen: 49.576 ng  
RT: 8.06 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

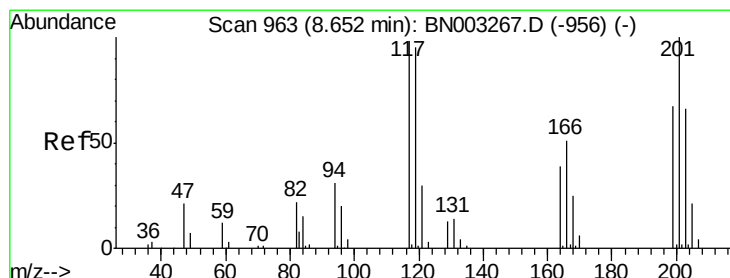
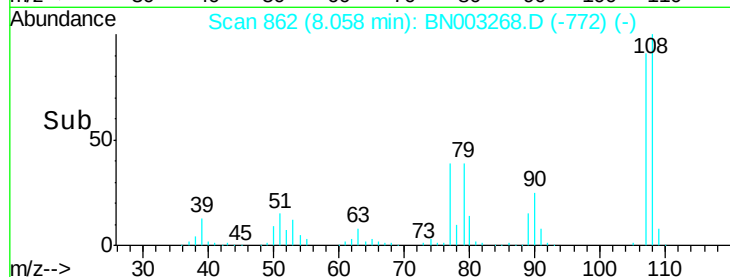
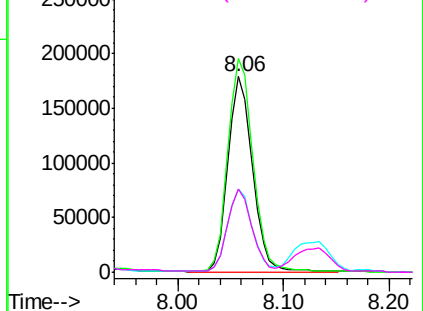
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 285916 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.3 | 87.6  | 131.4  |
| 77        | 42.5  | 35.3  | 52.9   |
| 79        | 42.4  | 34.2  | 51.4   |

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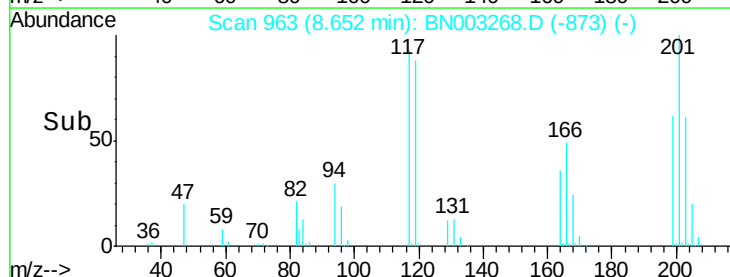
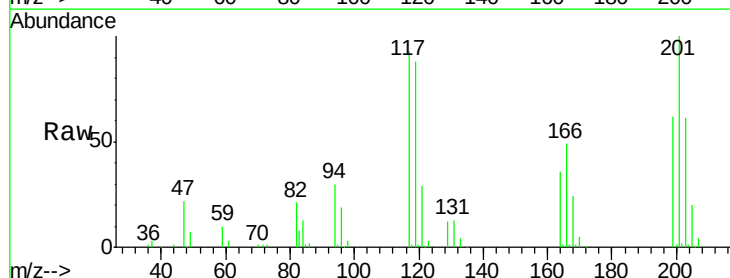
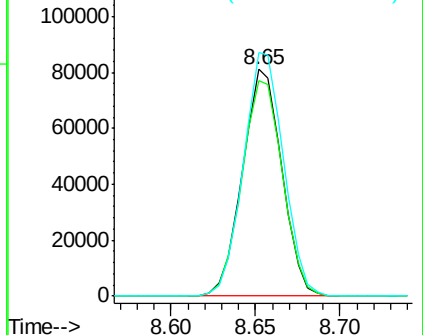
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BNC  
Ion 79.00 (78.70 to 79.70): BNC

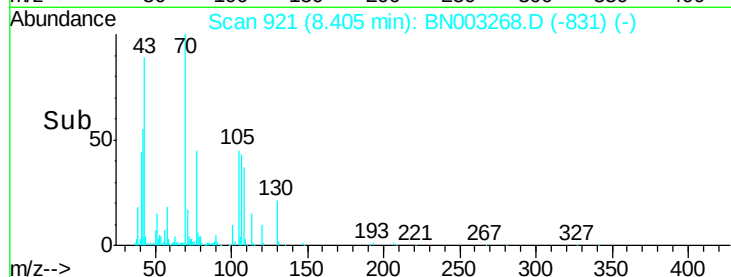
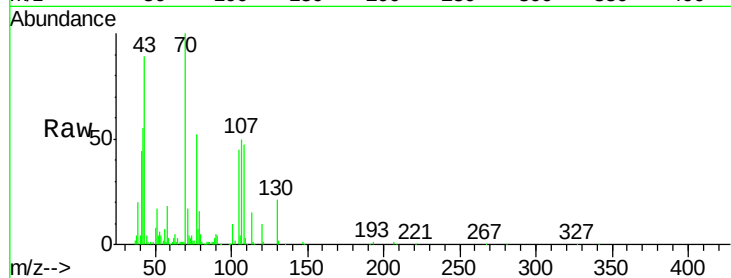
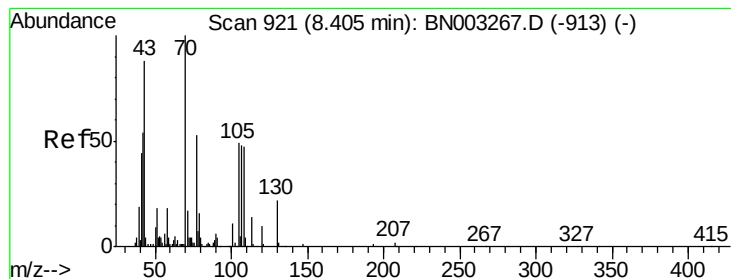


#18  
Hexachloroethane  
Concen: 45.386 ng  
RT: 8.65 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 131898 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.1  | 77.8  | 116.6  |
| 201       | 107.4 | 81.4  | 122.2  |

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





#19

n-Nitroso-di-n-propylamine

Concen: 47.942 ng

RT: 8.40 min Scan# 921

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 286587

Ion Ratio Lower Upper

70 100

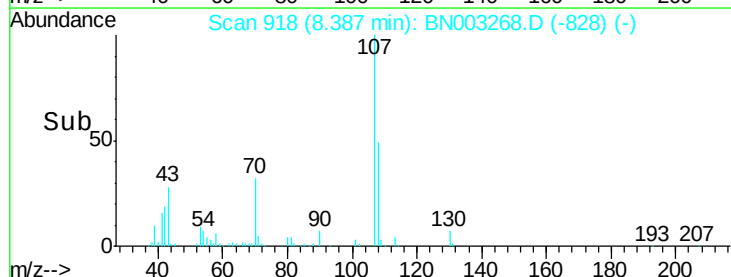
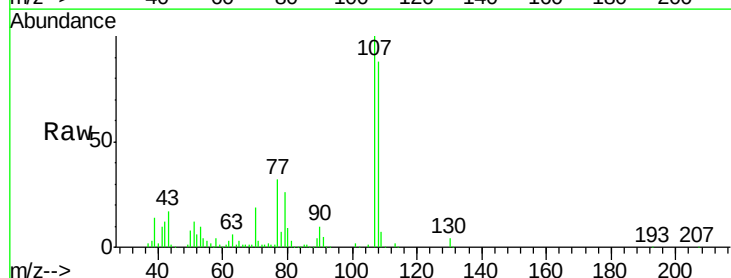
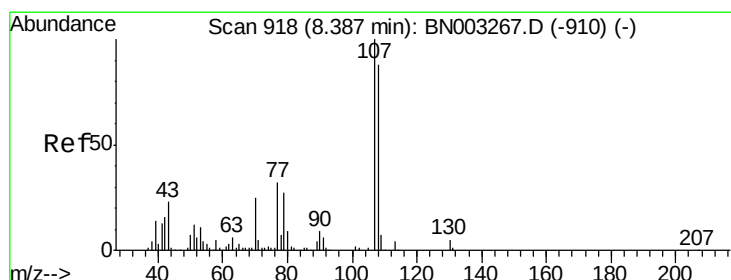
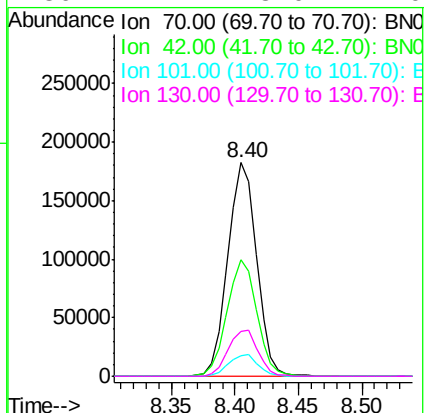
42 54.8 43.5 65.3

101 9.8 8.6 12.8

130 21.2 18.0 27.0

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#20

3+4-Methylphenols

Concen: 50.280 ng

RT: 8.39 min Scan# 918

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Tgt Ion: 107 Resp: 404581

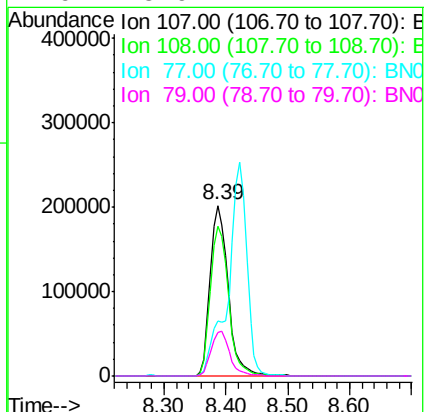
Ion Ratio Lower Upper

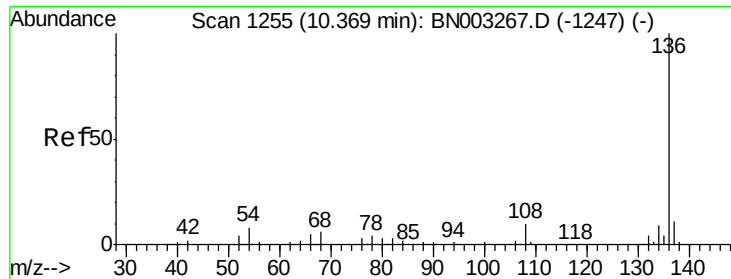
107 100

108 87.9 67.8 107.8

77 32.3 12.1 52.1

79 25.9 7.2 47.2





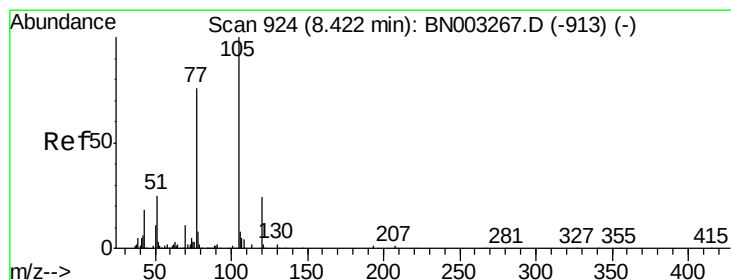
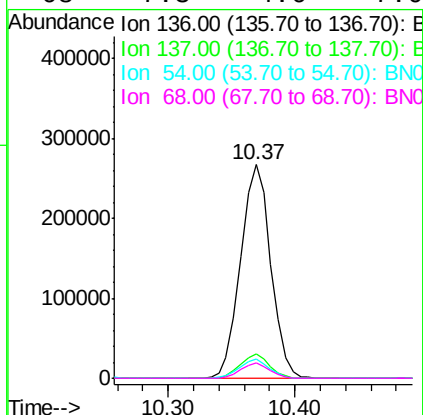
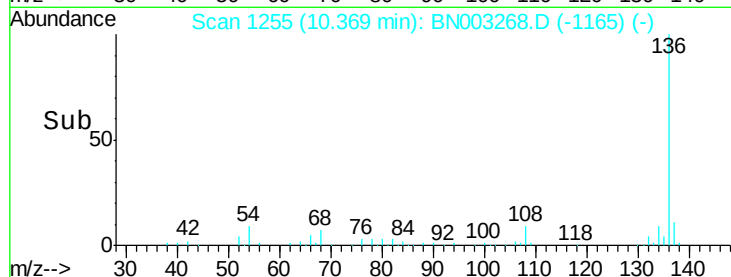
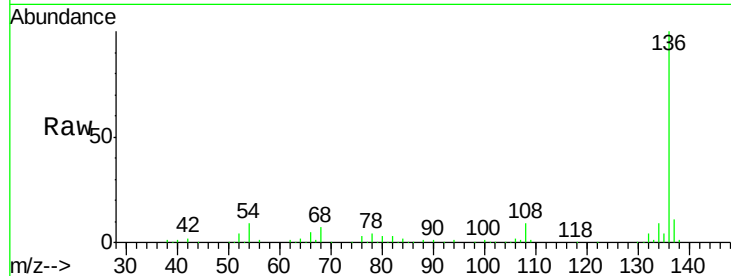
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.37 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 439855 |       |       |
| 137     | 11.3  | 8.7    | 13.1  |       |
| 54      | 8.8   | 6.6    | 10.0  |       |
| 68      | 7.3   | 4.6    | 7.0#  |       |

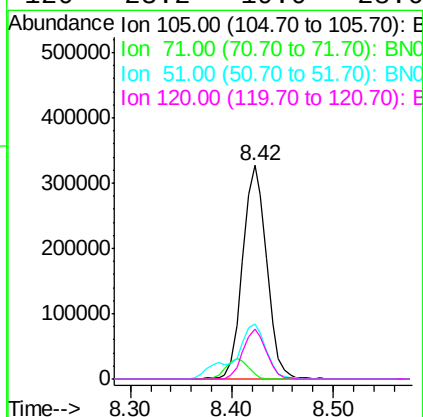
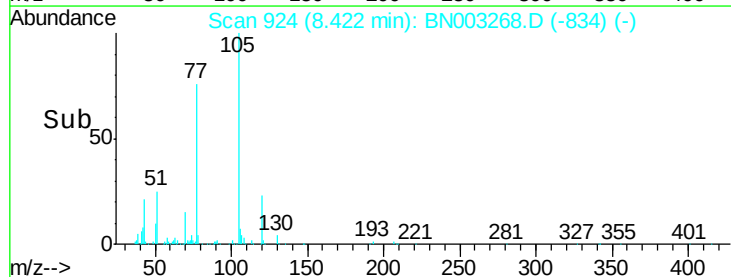
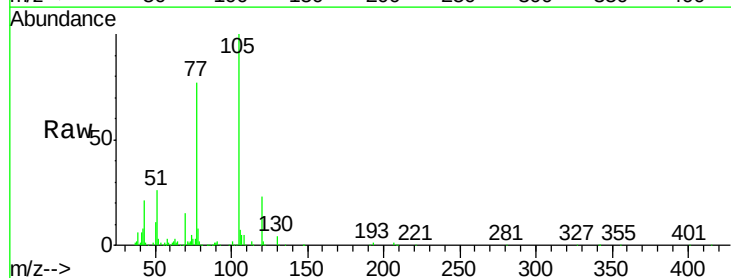
Manual Integrations  
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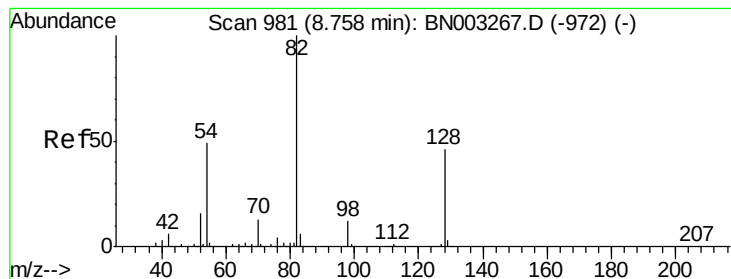
Sohil  
10/25/2018 3:20:05 PM



#22  
Acetophenone  
Concen: 47.132 ng  
RT: 8.42 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 537518 |       |       |
| 71      | 2.4   | 1.3    | 1.9#  |       |
| 51      | 26.0  | 20.5   | 30.7  |       |
| 120     | 23.2  | 19.0   | 28.6  |       |





#23

Nitrobenzene-d5

Concen: 90.199 ng

RT: 8.76 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

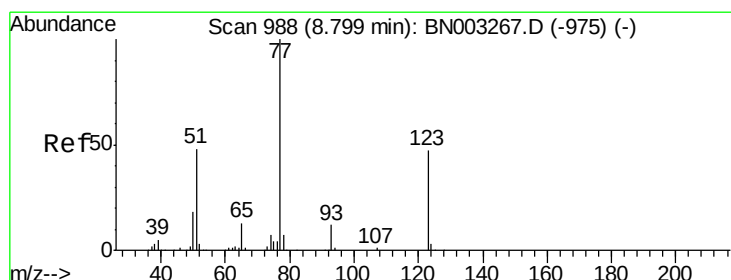
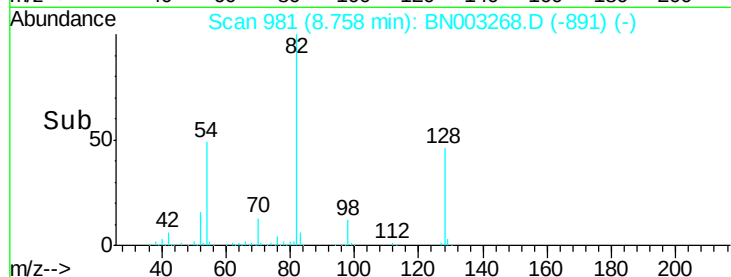
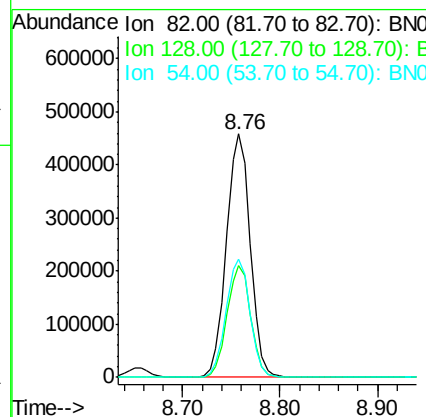
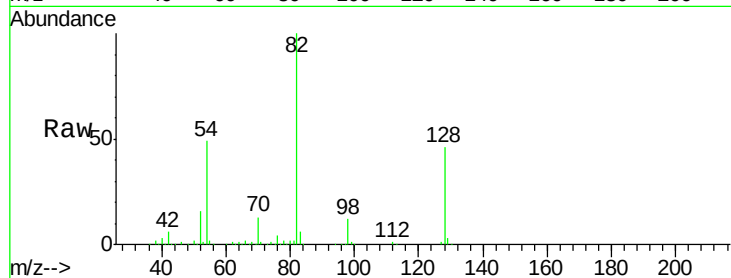
ClientSampleId :

SSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 773638 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.1  | 37.1  | 55.7   |
| 54        | 48.6  | 39.4  | 59.2   |

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#24

Nitrobenzene

Concen: 44.355 ng

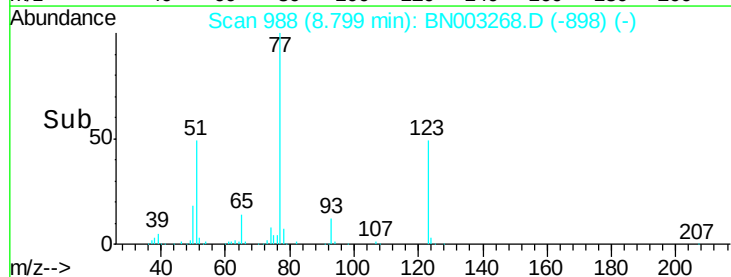
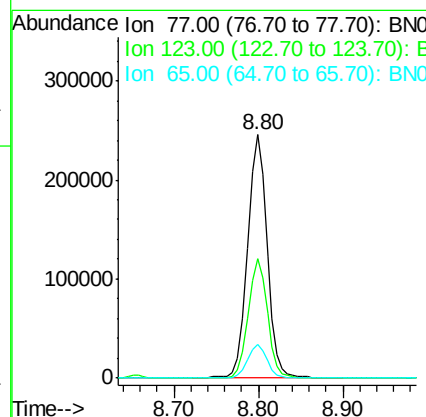
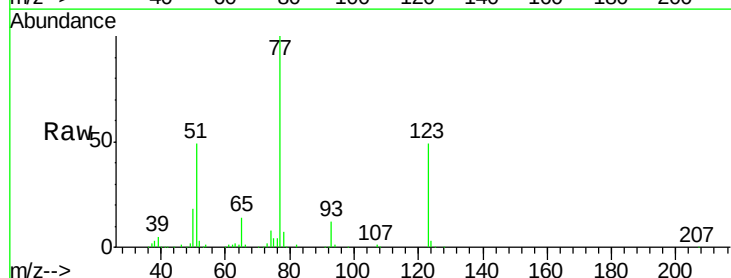
RT: 8.80 min Scan# 988

Delta R.T. 0.00 min

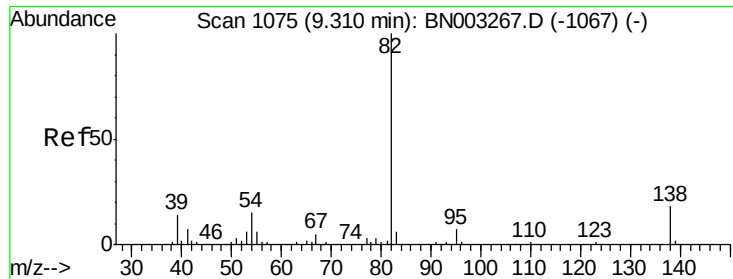
Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 394271 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.0  | 37.8  | 56.6   |
| 65        | 13.6  | 10.7  | 16.1   |







#25

Isophorone

Concen: 46.334 ng

RT: 9.32 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

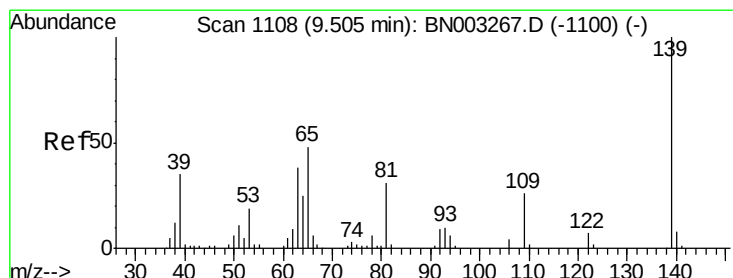
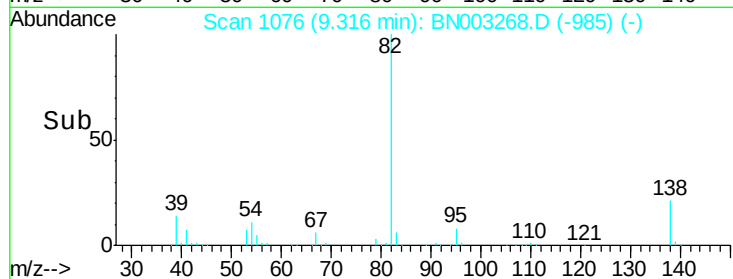
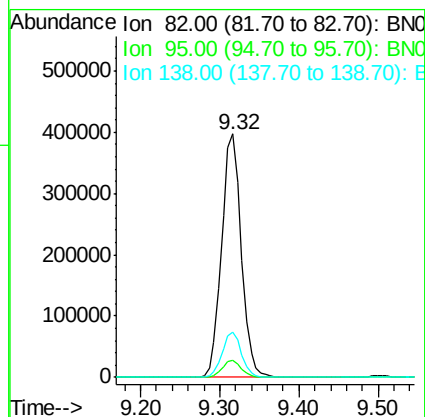
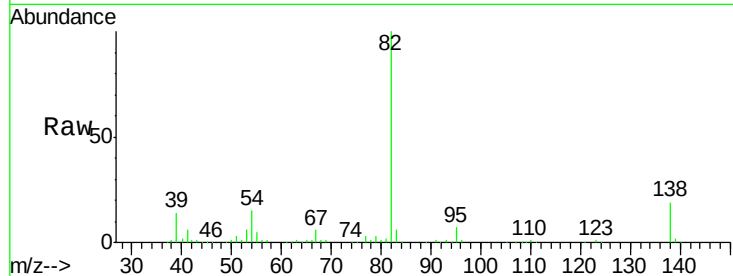
ClientSampleId :

SSTDICC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 682362 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.9  | 5.4   | 8.0    |
| 138       | 18.7 | 14.5  | 21.7   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 50.053 ng

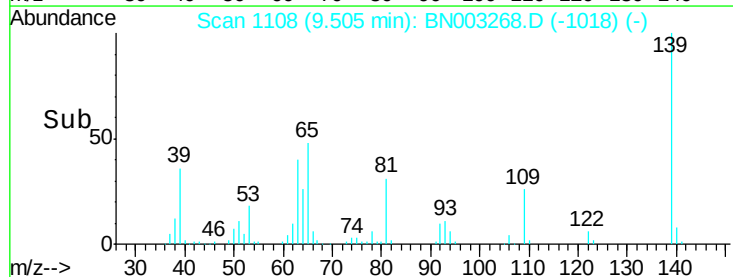
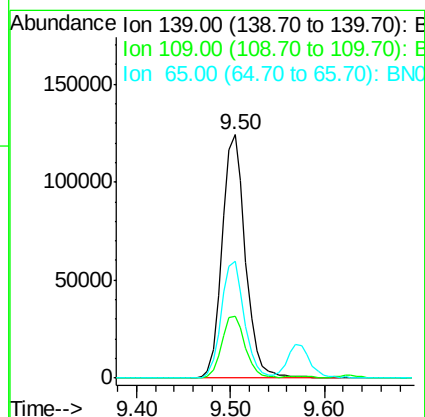
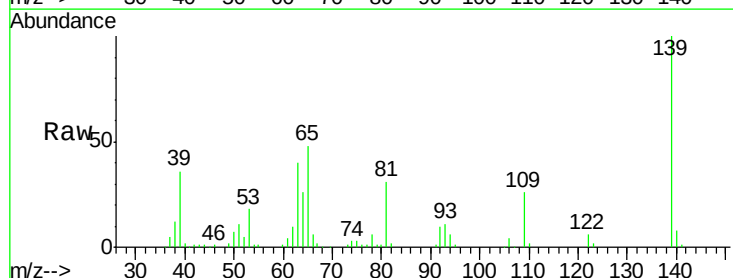
RT: 9.50 min Scan# 1108

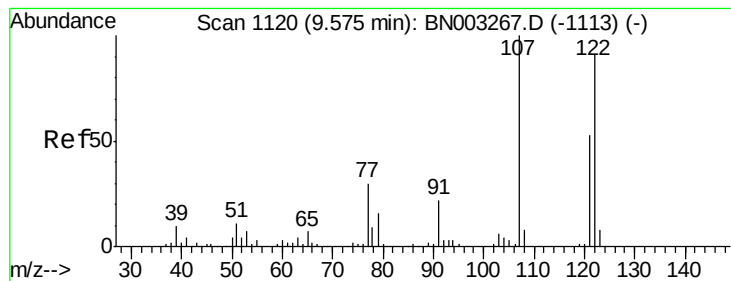
Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 214925 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 25.5 | 20.5  | 30.7   |
| 65        | 48.1 | 38.4  | 57.6   |





#27

2,4-Dimethylphenol

Concen: 48.595 ng

RT: 9.58 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

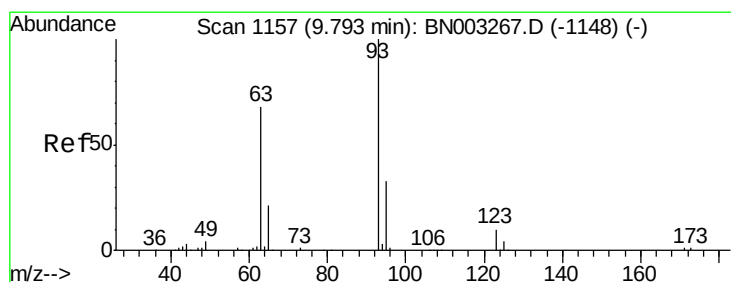
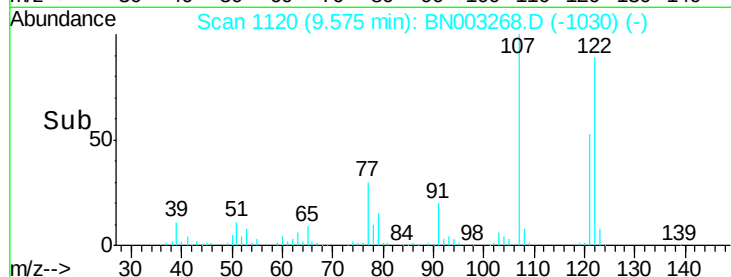
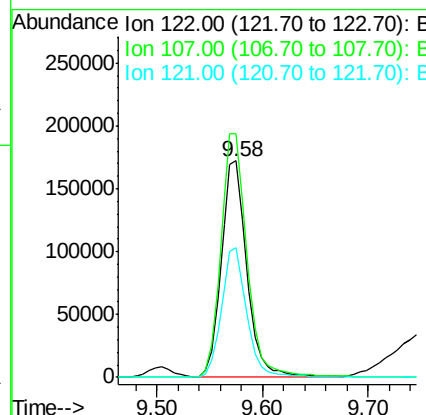
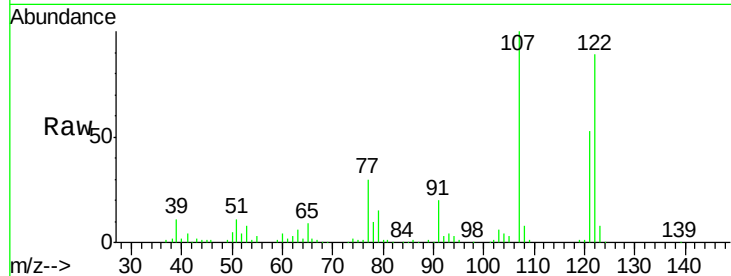
ClientSampleId :

SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 290198 |       |       |
| 107     | 112.5 | 87.8   | 131.6 |       |
| 121     | 59.7  | 46.9   | 70.3  |       |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 47.624 ng

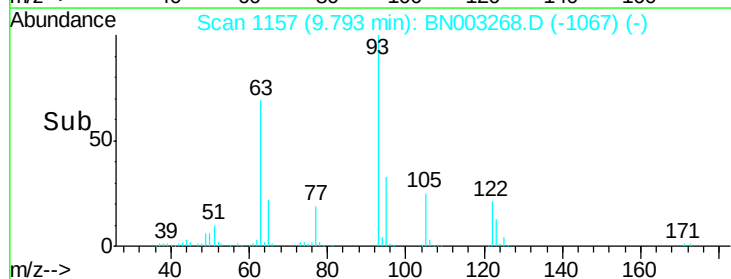
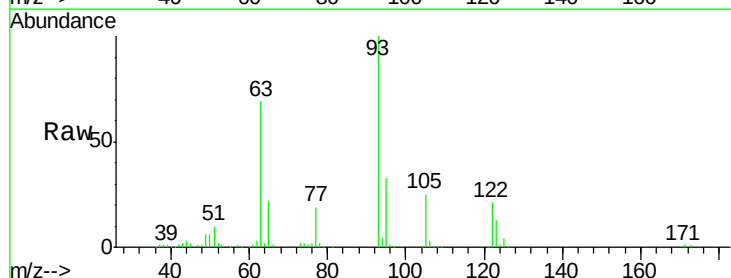
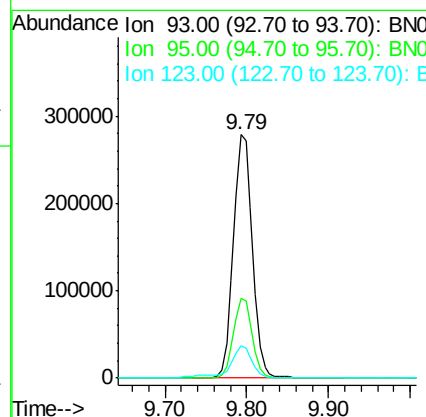
RT: 9.79 min Scan# 1157

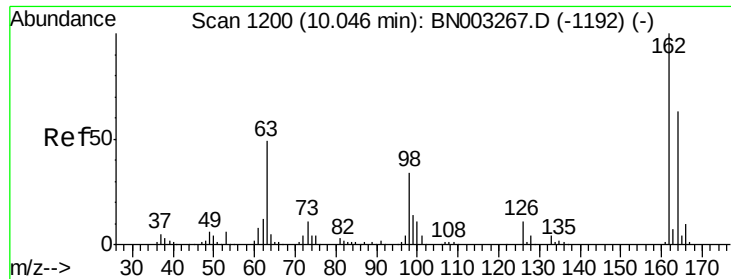
Delta R.T. 0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 453050 |       |       |
| 95      | 32.9  | 26.2   | 39.4  |       |
| 123     | 13.1  | 9.1    | 13.7  |       |





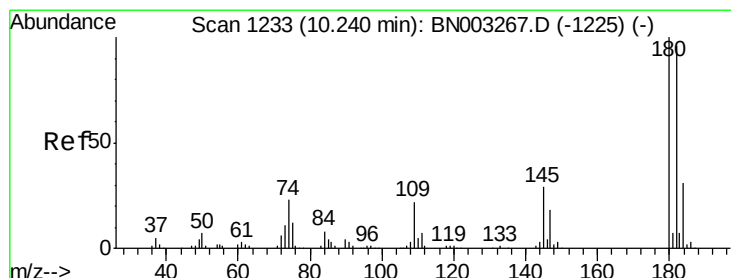
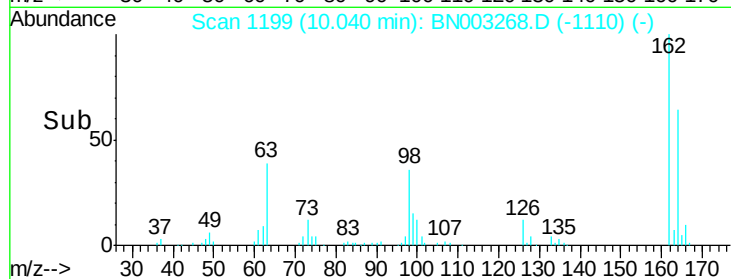
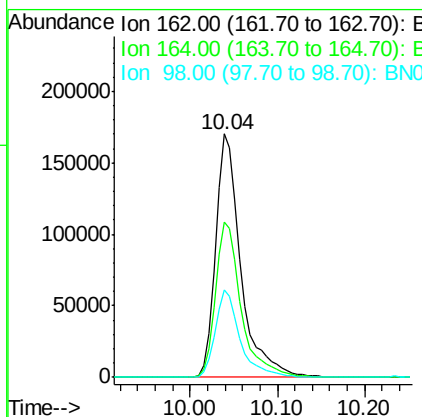
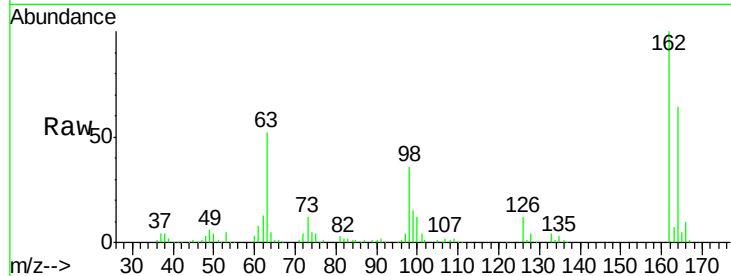
#29  
 2,4-Dichlorophenol  
 Concen: 48.785 ng  
 RT: 10.04 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.8  | 42.5       | 82.5       |
| 98      | 35.8  | 14.0       | 54.0       |

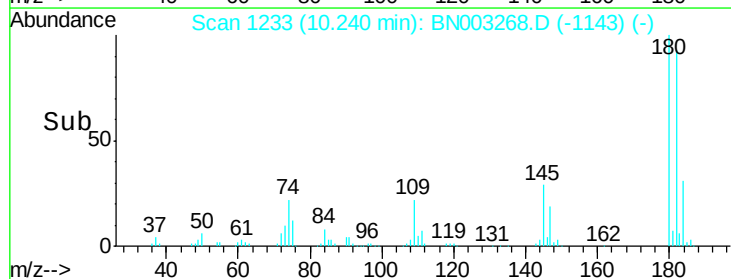
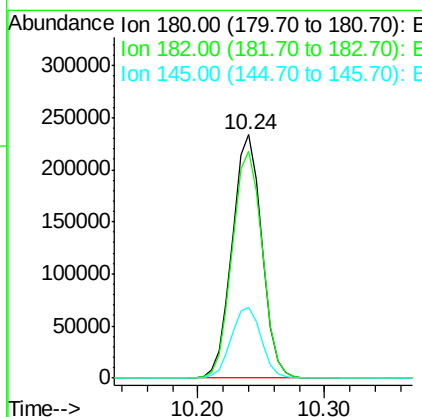
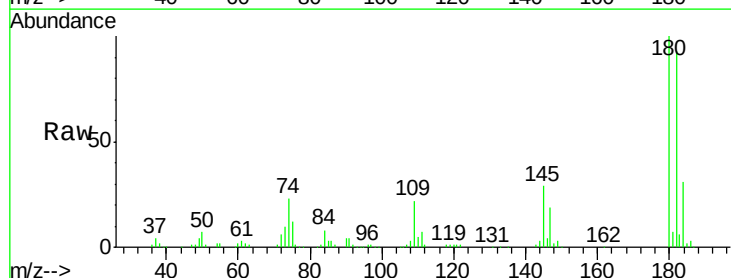
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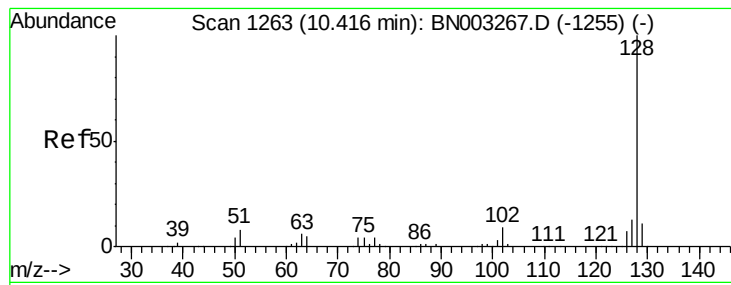
Sohil  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.664 ng  
 RT: 10.24 min Scan# 1233  
 Delta R.T. 0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 93.3  | 76.4       | 114.6      |
| 145     | 29.1  | 23.6       | 35.4       |





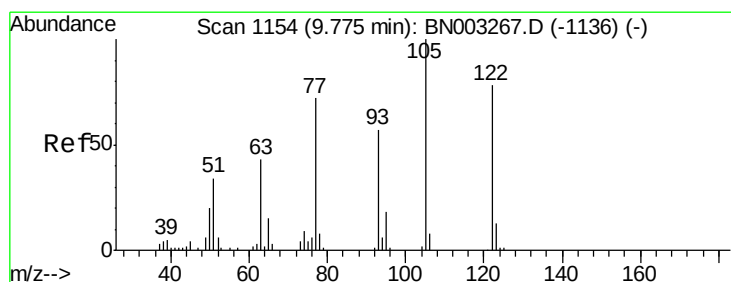
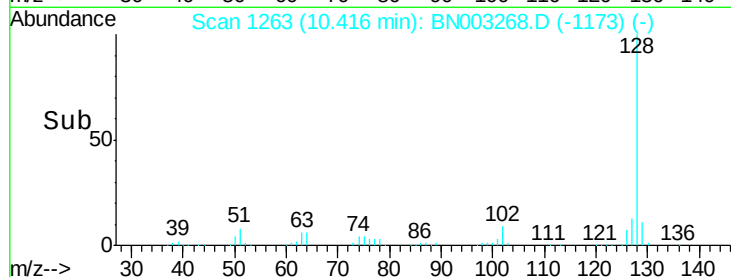
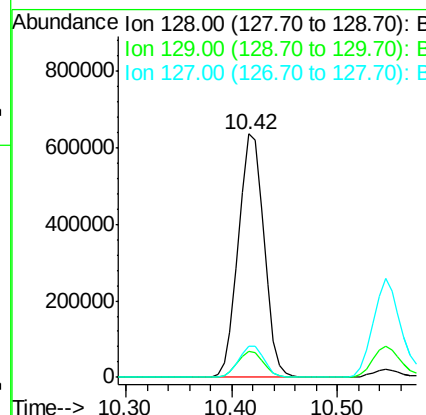
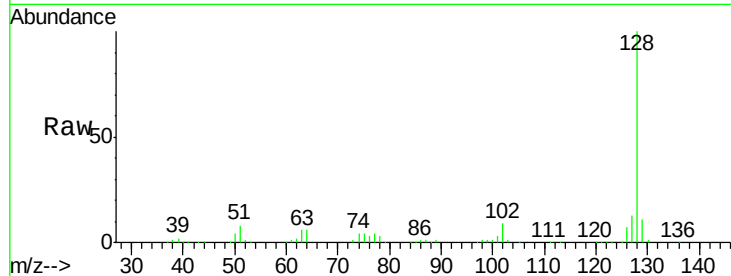
#31  
Naphthalene  
Concen: 47.982 ng  
RT: 10.42 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tgt Ion:128 Resp: 1065141  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 12.9 10.4 15.6

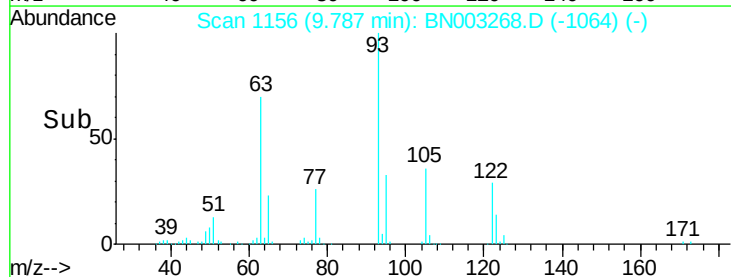
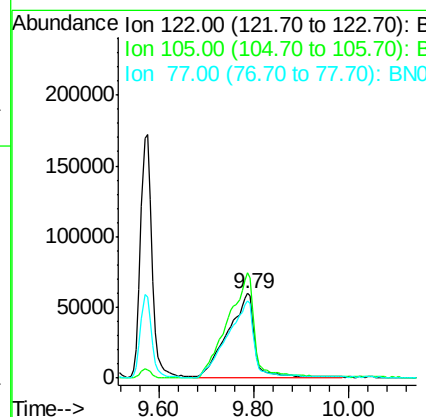
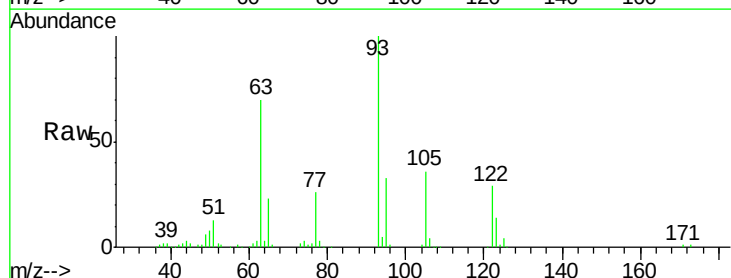
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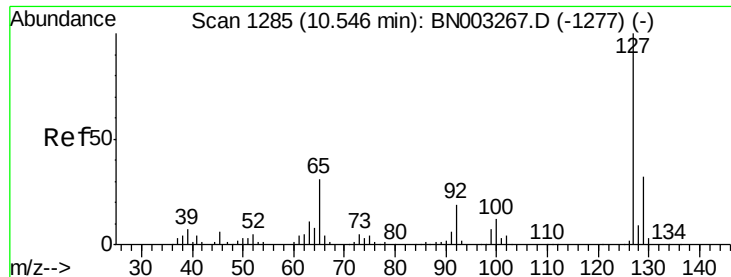
Sohil  
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#32  
Benzoic acid  
Concen: 48.267 ng m  
RT: 9.79 min Scan# 1156  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Tgt Ion:122 Resp: 244556  
Ion Ratio Lower Upper  
122 100  
105 124.6 106.8 146.8  
77 91.7 71.9 111.9





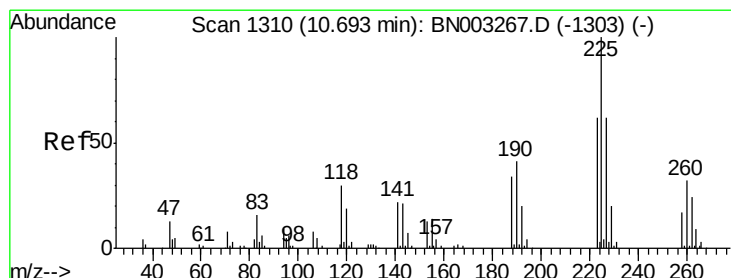
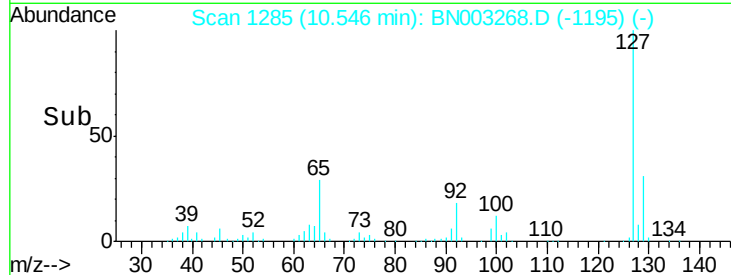
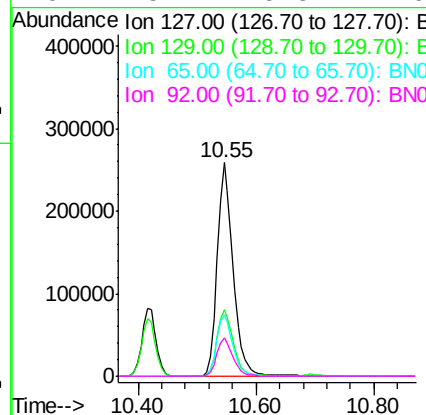
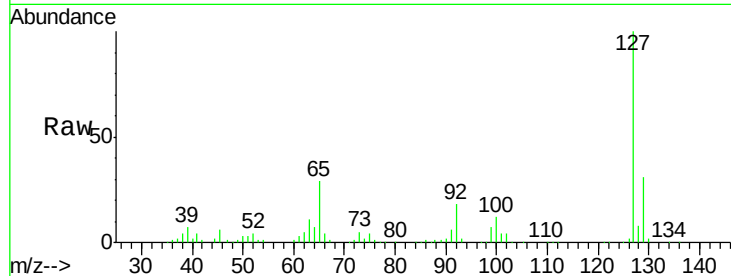
#33  
4-Chloroaniline  
Concen: 49.161 ng  
RT: 10.55 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 485578 |       |       |
| 129     | 31.4  | 25.8   | 38.6  |       |
| 65      | 28.7  | 24.6   | 36.8  |       |
| 92      | 18.2  | 15.3   | 22.9  |       |

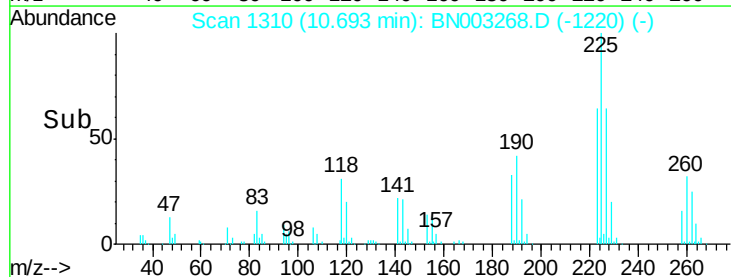
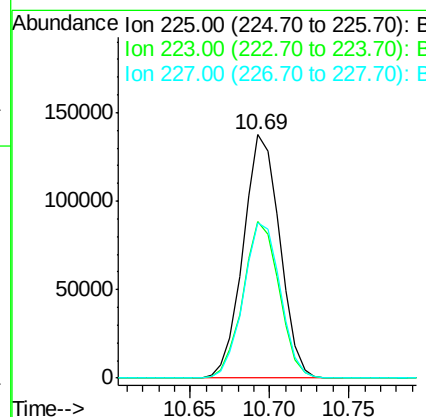
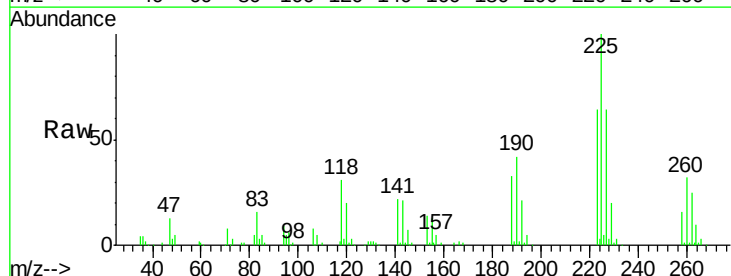
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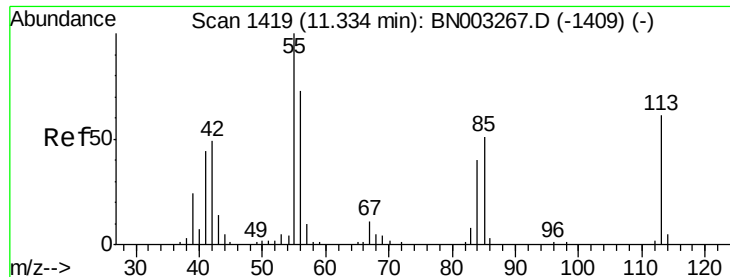
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 45.726 ng  
RT: 10.69 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 220832 |       |       |
| 223     | 64.1  | 49.8   | 74.8  |       |
| 227     | 63.7  | 49.6   | 74.4  |       |





#35

Caprolactam

Concen: 57.470 ng

RT: 11.35 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

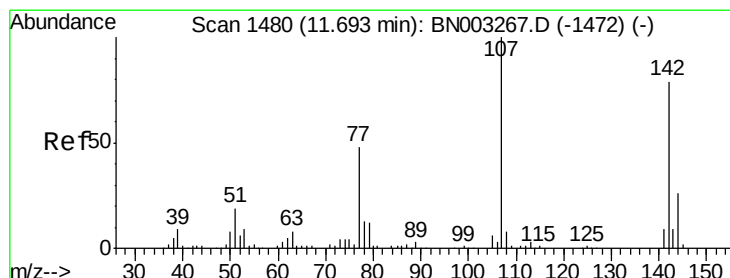
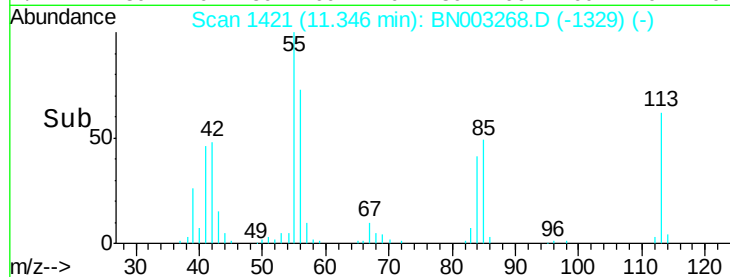
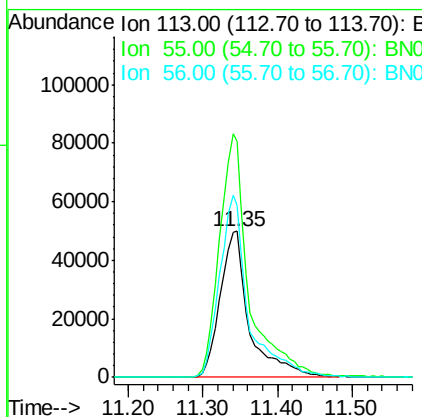
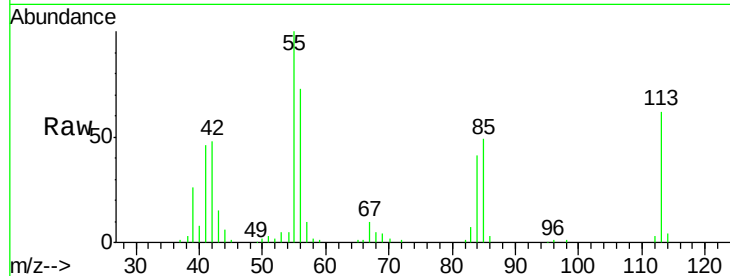
ClientSampleId :

SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 161.4 | 144.2 | 184.2 |
| 56      | 117.5 | 100.6 | 140.6 |

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#36

4-Chloro-3-methylphenol

Concen: 48.030 ng

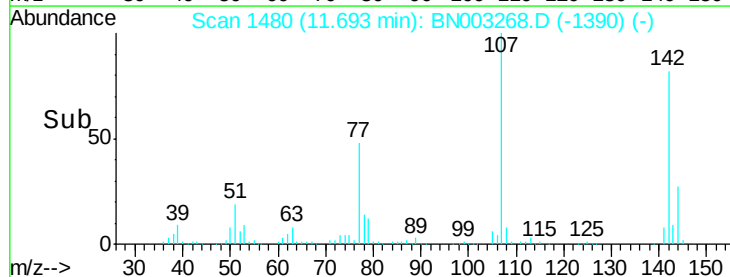
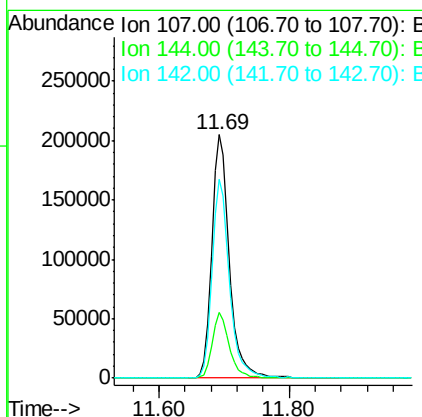
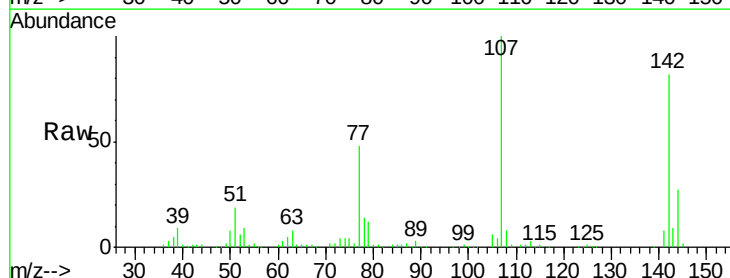
RT: 11.69 min Scan# 1480

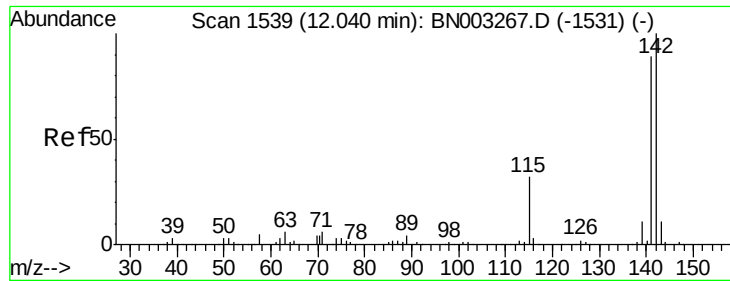
Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.9  | 20.8  | 31.2  |
| 142     | 81.6  | 63.5  | 95.3  |





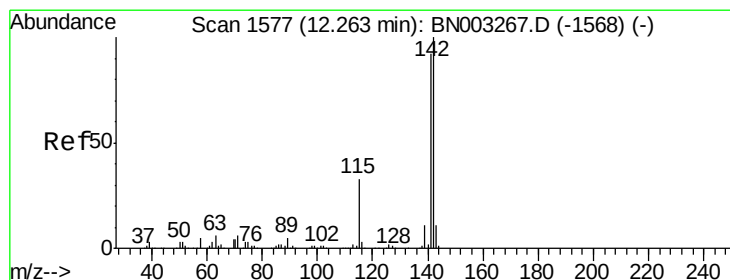
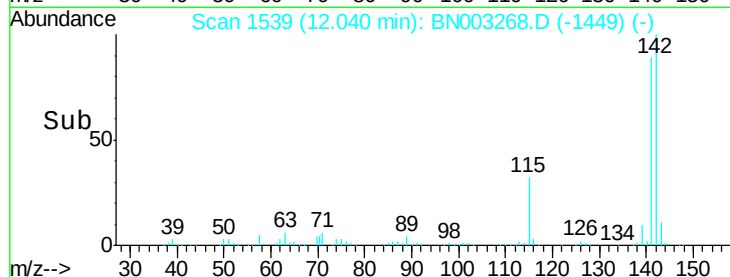
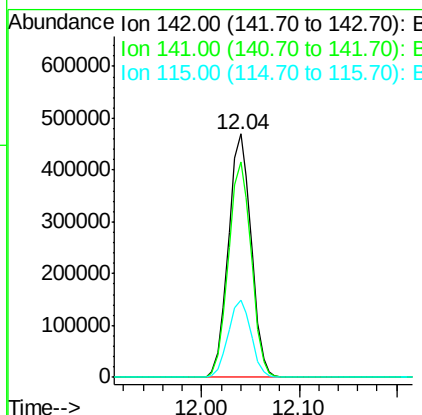
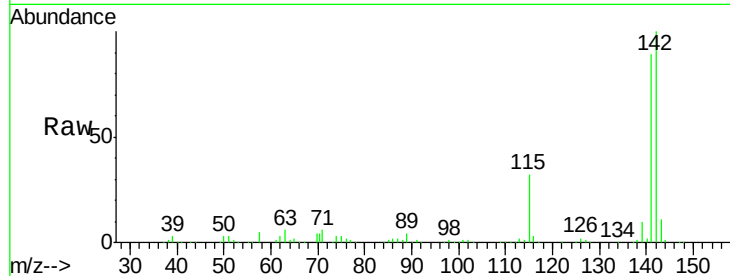
#37  
2-Methylnaphthalene  
Concen: 48.550 ng  
RT: 12.04 min Scan# 1539  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 71.6  | 107.4 |
| 115     | 31.6  | 25.5  | 38.3  |

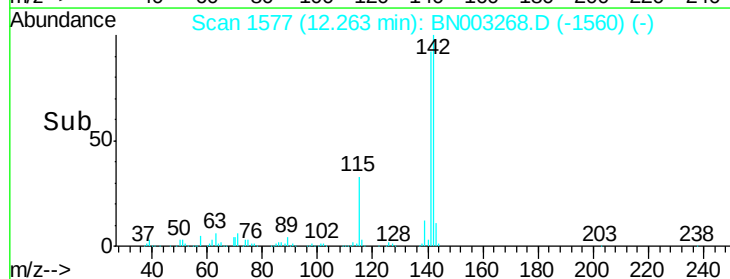
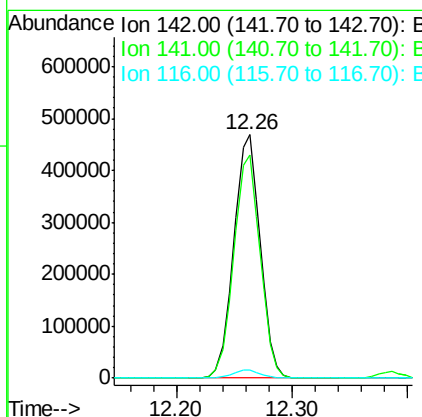
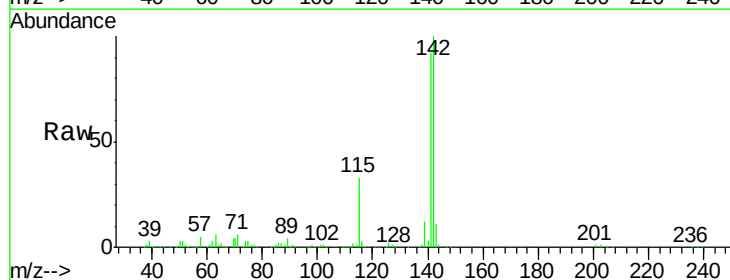
Manual Integrations  
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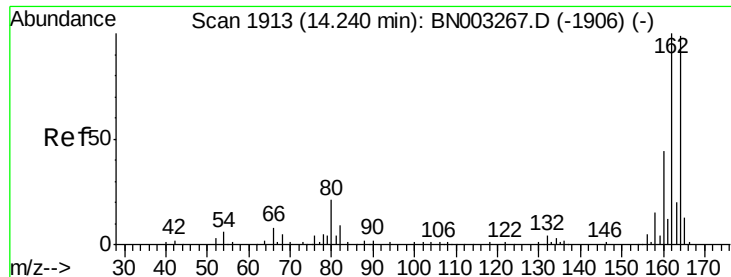
Sohil  
10/25/2018 3:20:05 PM



#38  
1-Methylnaphthalene  
Concen: 46.137 ng  
RT: 12.26 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 73.6  | 110.4 |
| 116     | 3.5   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BN003268.D

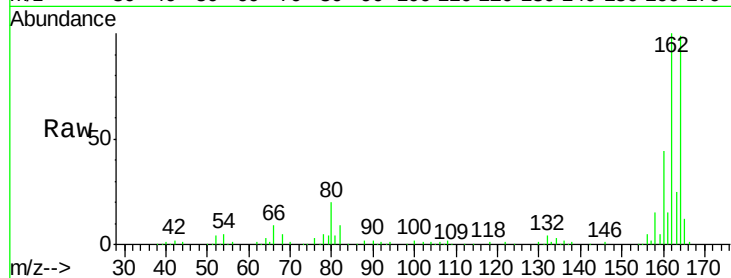
Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050



Tgt Ion:164 Resp: 268686

Ion Ratio Lower Upper

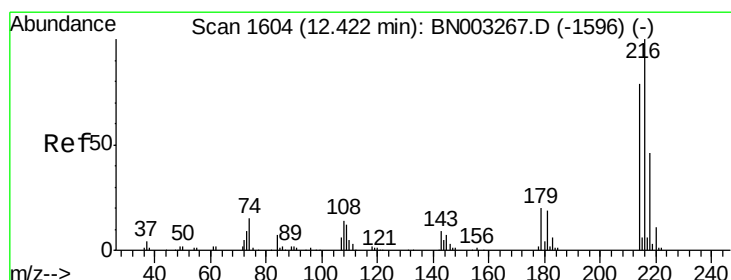
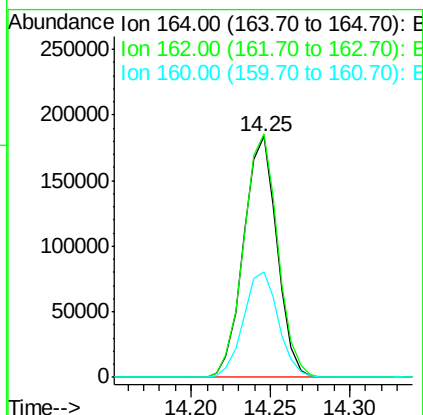
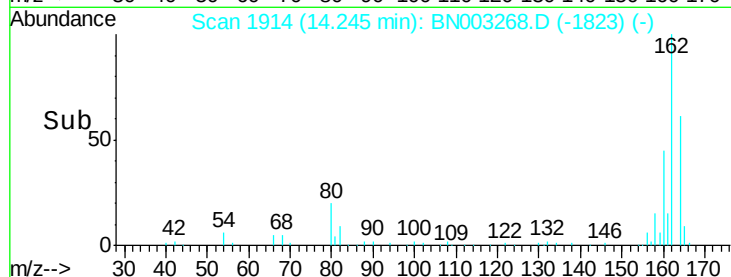
164 100

162 101.1 80.8 121.2

160 44.0 35.5 53.3

Manual Integrations  
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.630 ng

RT: 12.42 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Tgt Ion:216 Resp: 439340

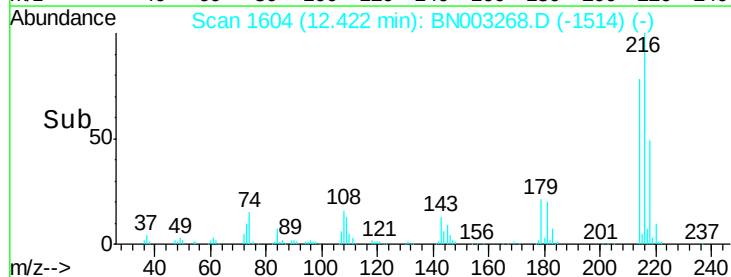
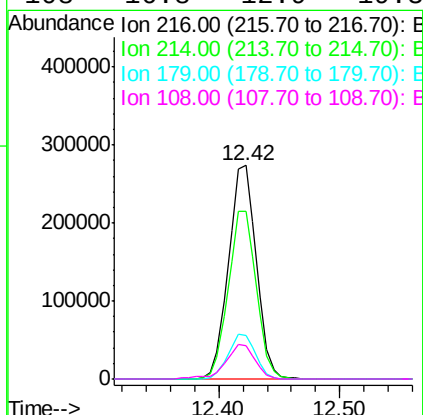
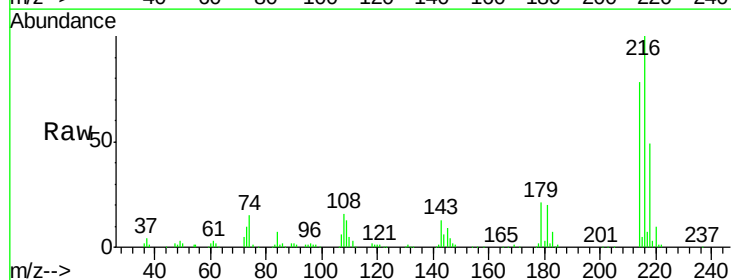
Ion Ratio Lower Upper

216 100

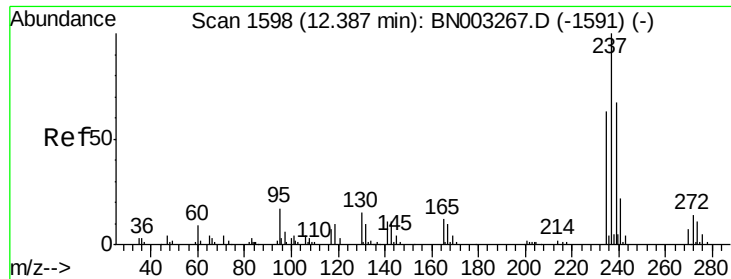
214 78.8 62.8 94.2

179 20.7 16.0 24.0

108 16.8 12.9 19.3







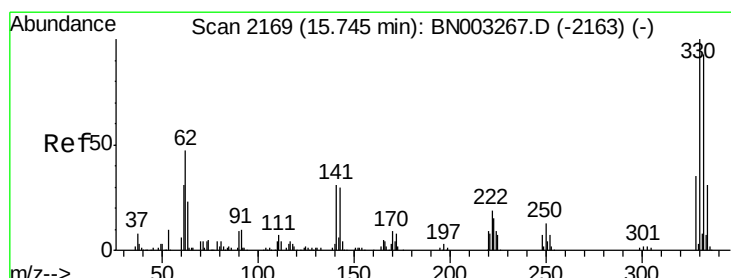
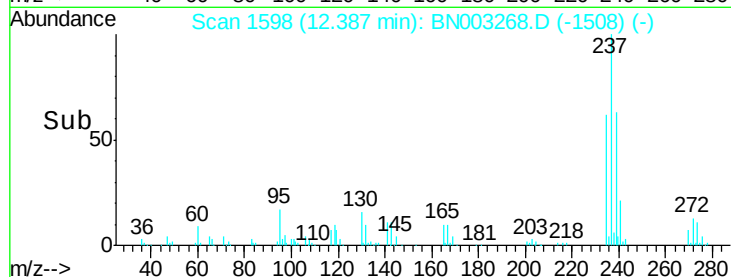
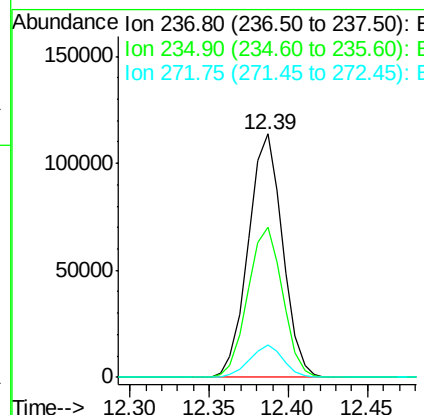
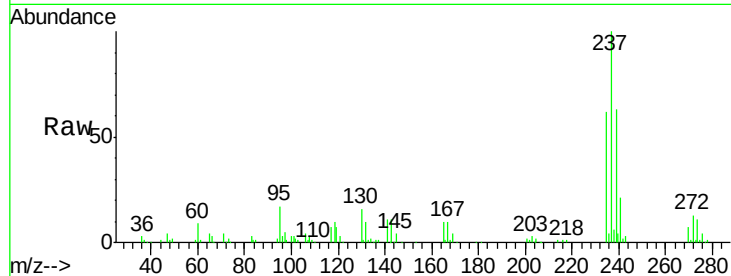
#41  
Hexachlorocyclopentadiene  
Concen: 33.398 ng  
RT: 12.39 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 61.6  | 42.8       | 82.8       |
| 272     | 13.3  | 0.0        | 33.5       |

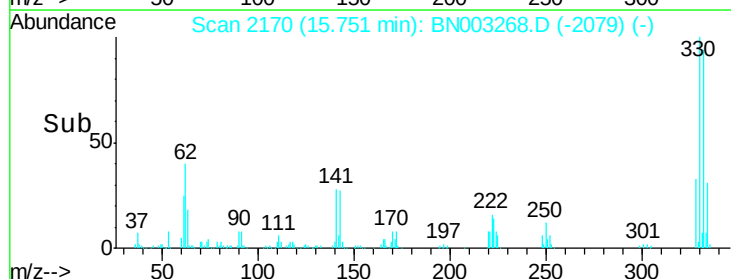
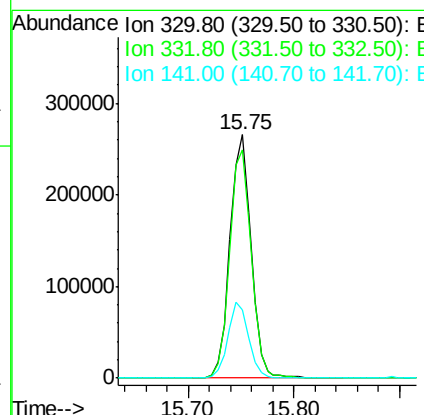
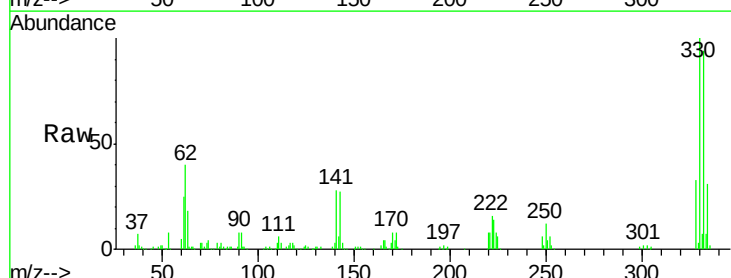
Manual Integrations  
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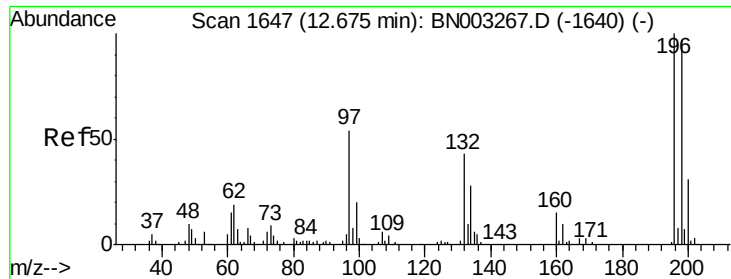
Sohil  
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#42  
2,4,6-Tribromophenol  
Concen: 105.463 ng  
RT: 15.75 min Scan# 2170  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 95.6  | 76.6       | 114.8      |
| 141     | 30.8  | 24.5       | 36.7       |





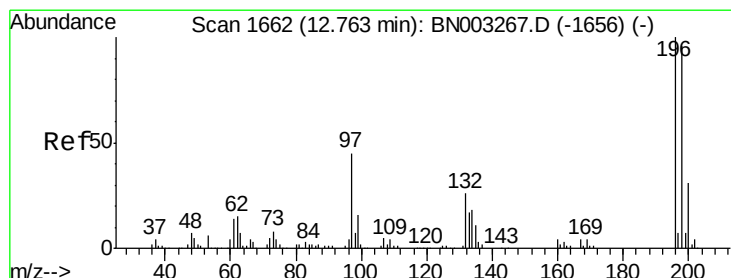
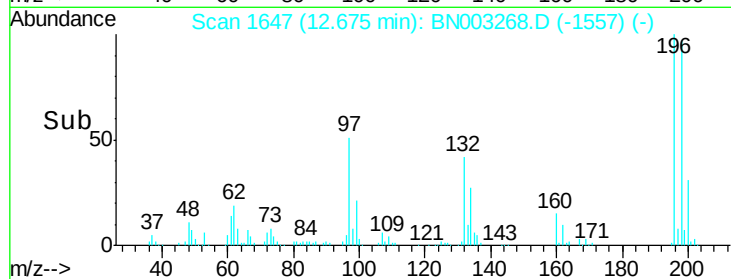
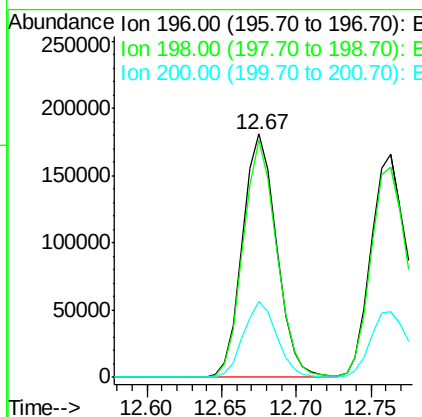
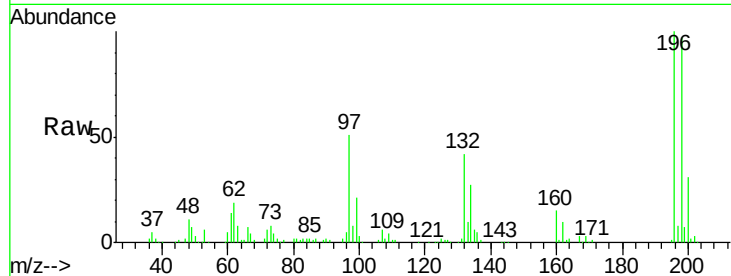
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.467 ng  
 RT: 12.67 min Scan# 1647  
 Delta R.T. 0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 287728 |       |       |
| 198     | 97.3  | 77.4   | 116.0 |       |
| 200     | 31.0  | 25.0   | 37.6  |       |

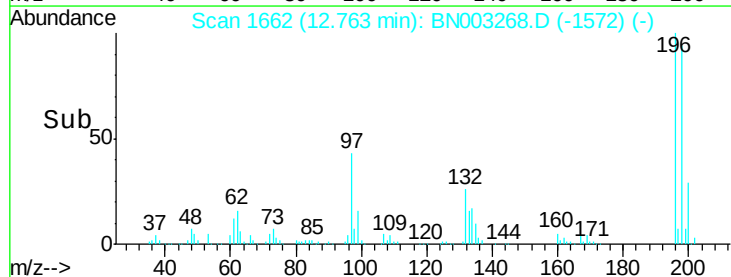
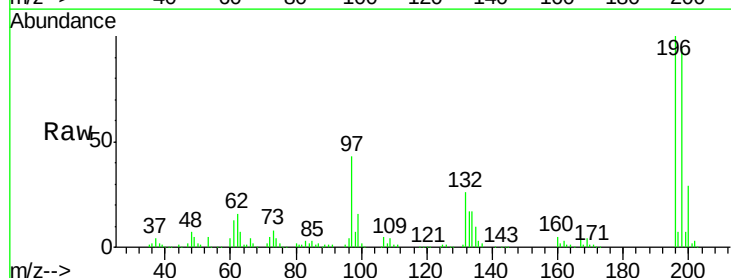
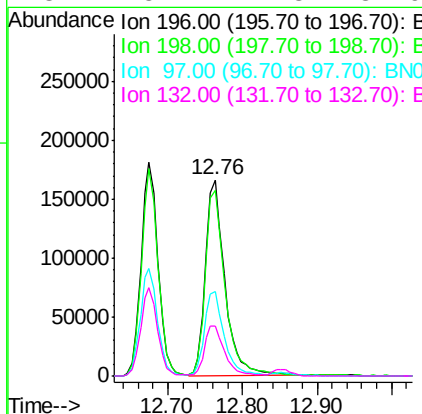
Manual Integrations  
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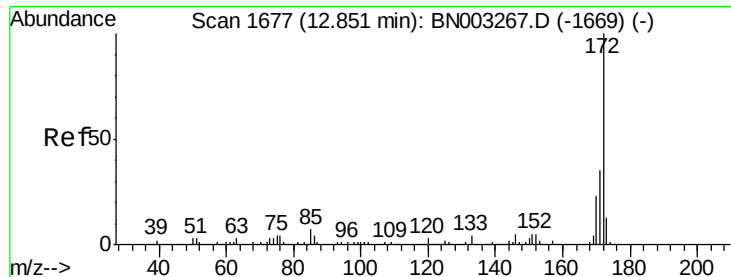
Sohil  
 10/25/2018 3:20:05 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.637 ng  
 RT: 12.76 min Scan# 1662  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 305878 |       |       |
| 198     | 94.3  | 76.8   | 115.2 |       |
| 97      | 42.8  | 35.8   | 53.8  |       |
| 132     | 25.7  | 21.3   | 31.9  |       |





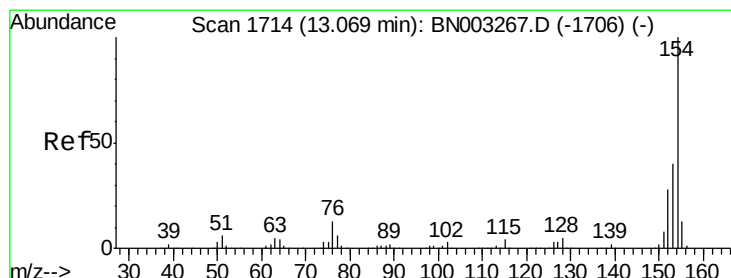
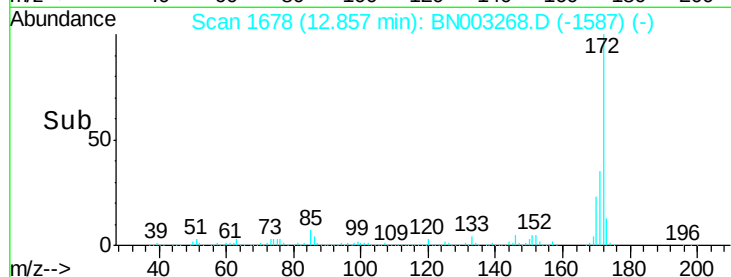
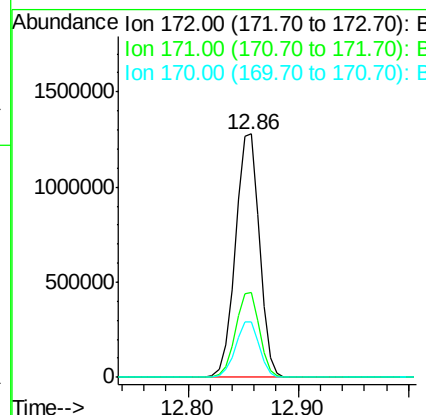
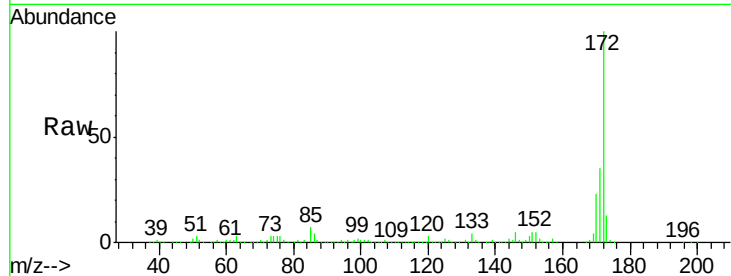
#45  
 2-Fluorobiphenyl  
 Concen: 94.716 ng  
 RT: 12.86 min Scan# 1678  
 Delta R.T. 0.01 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.2  | 42.4  |
| 170     | 22.7  | 18.4  | 27.6  |

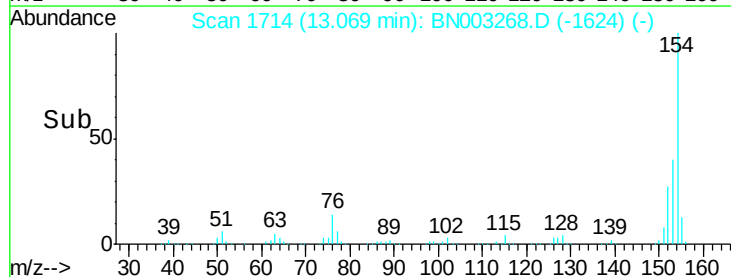
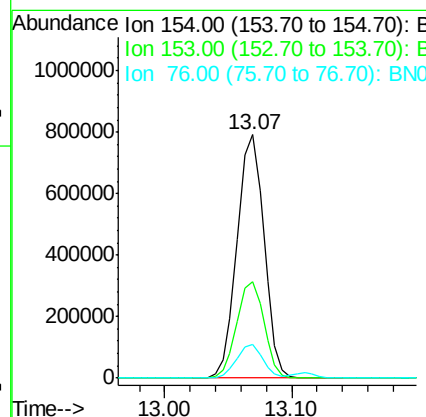
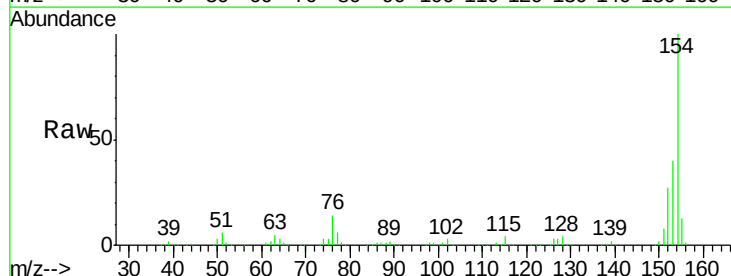
Manual Integrations  
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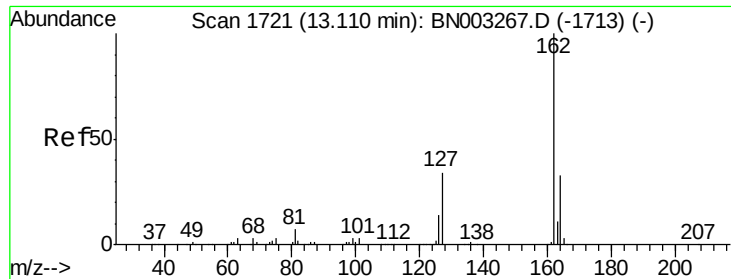
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#46  
 1,1'-Biphenyl  
 Concen: 49.287 ng  
 RT: 13.07 min Scan# 1714  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.7  | 20.5  | 60.5  |
| 76      | 13.9  | 0.0   | 33.3  |





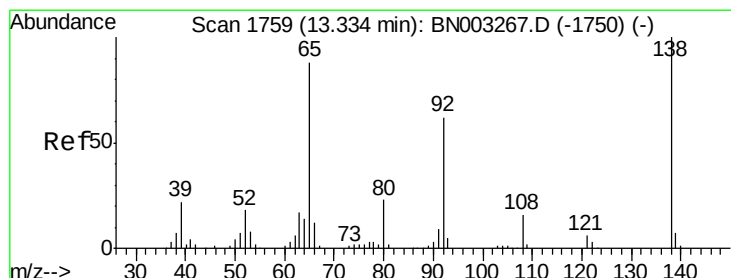
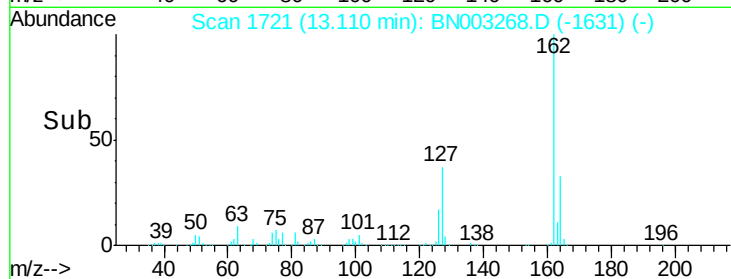
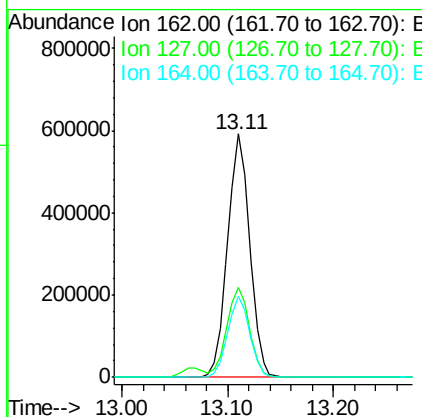
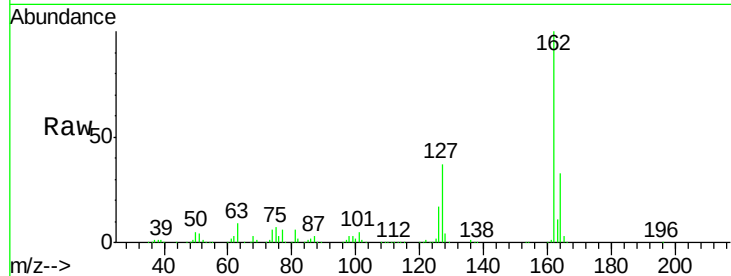
#47  
 2-Chloronaphthalene  
 Concen: 46.998 ng  
 RT: 13.11 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 857715 |       |       |
| 127     | 37.2  | 29.8   | 44.6  |       |
| 164     | 33.3  | 26.3   | 39.5  |       |

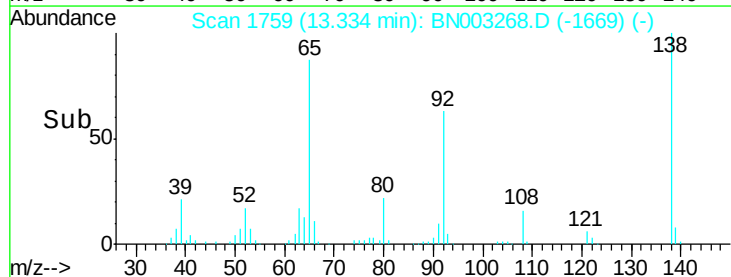
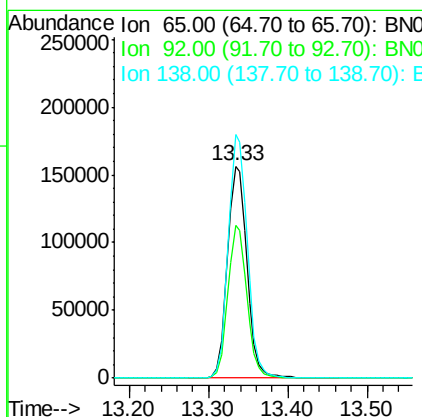
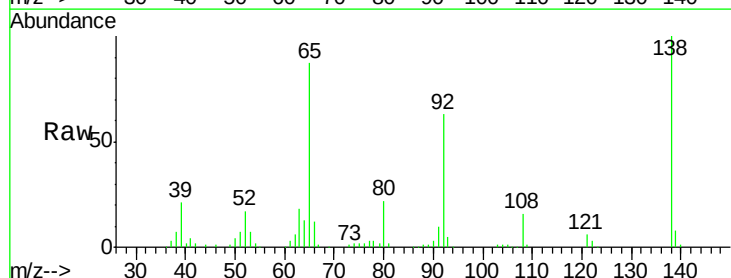
Manual Integrations  
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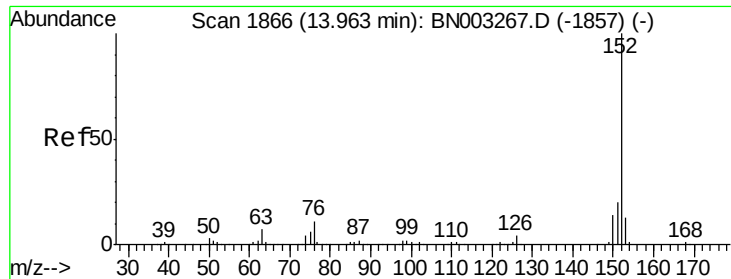
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#48  
 2-Nitroaniline  
 Concen: 45.490 ng  
 RT: 13.33 min Scan# 1759  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 267132 |       |       |
| 92      | 71.8  | 56.1   | 84.1  |       |
| 138     | 114.8 | 90.6   | 136.0 |       |





#49

Acenaphthylene

Concen: 47.855 ng

RT: 13.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tgt Ion:152 Resp: 1325294

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

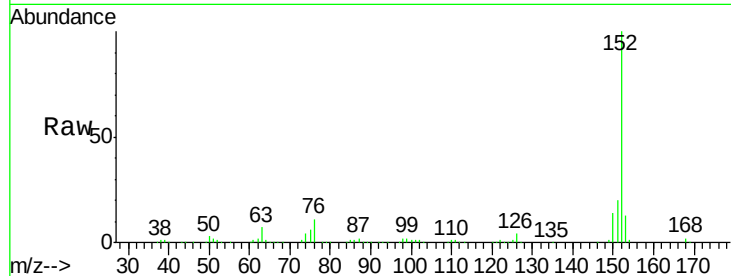
153 12.9 10.3 15.5

Manual Integrations

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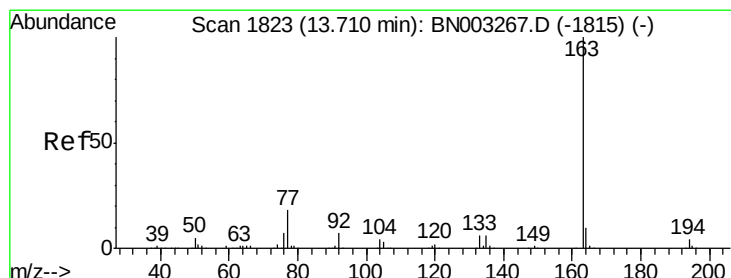
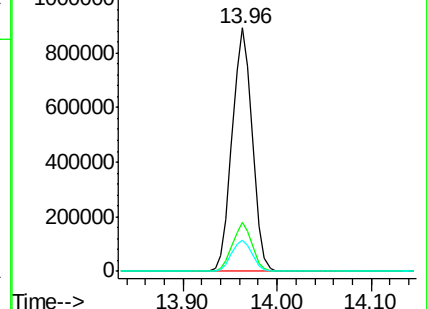
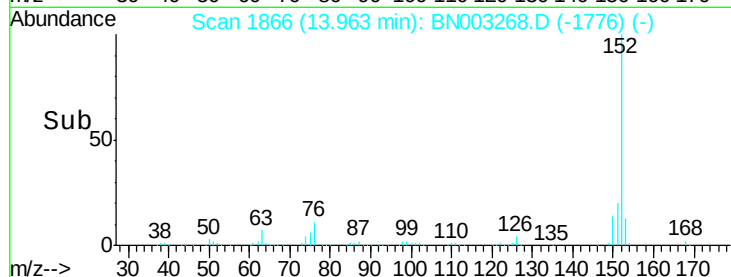
10/25/2018 3:20:05 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.150 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

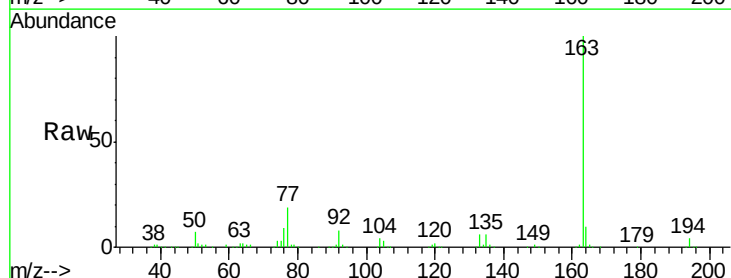
Tgt Ion:163 Resp: 1074654

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

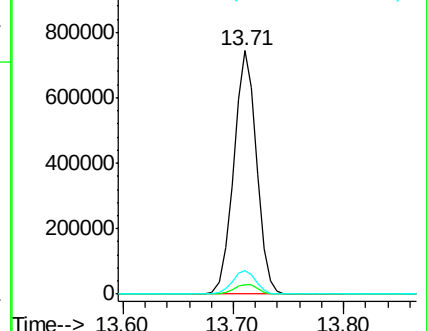
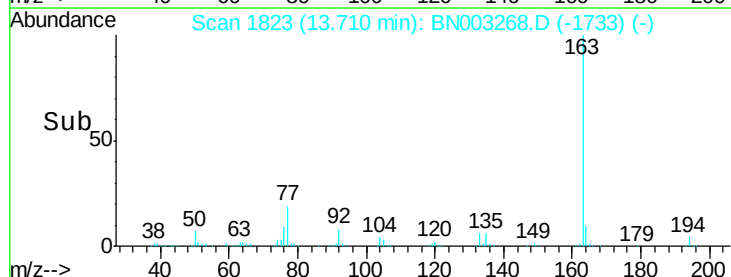
164 9.8 7.9 11.9

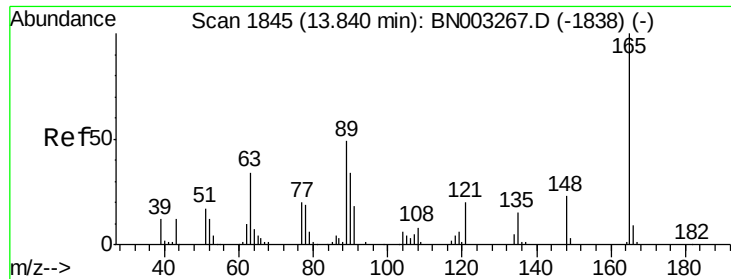


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





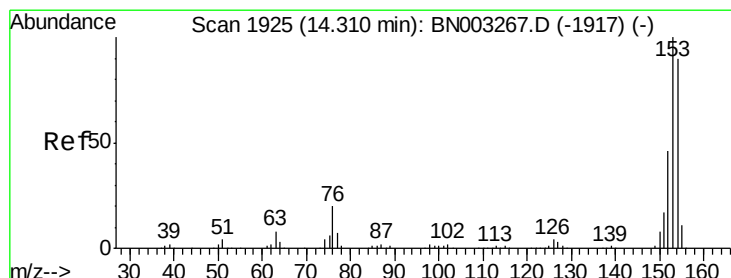
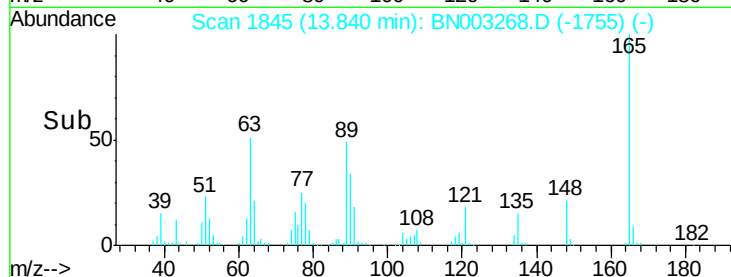
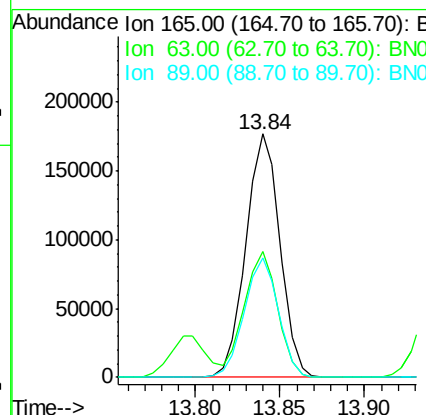
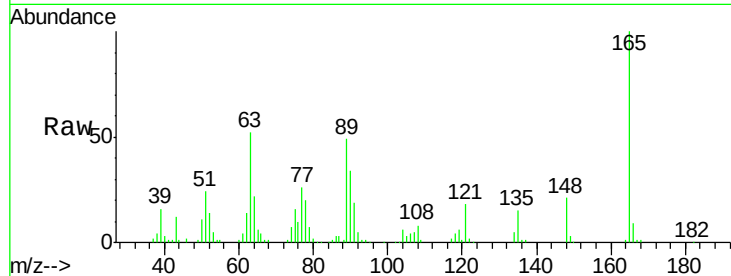
#51  
2,6-Dinitrotoluene  
Concen: 50.170 ng  
RT: 13.84 min Scan# 1845  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 51.6  | 39.2       | 58.8       |
| 89      | 49.3  | 38.9       | 58.3       |

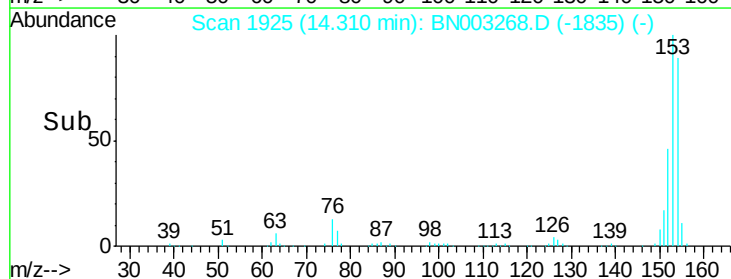
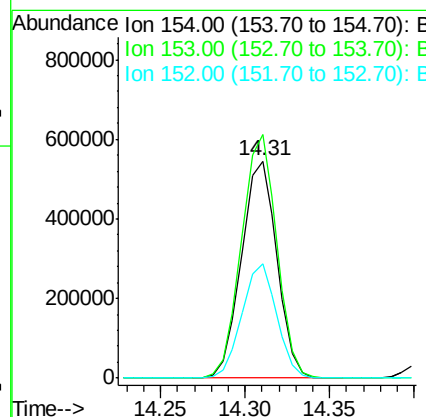
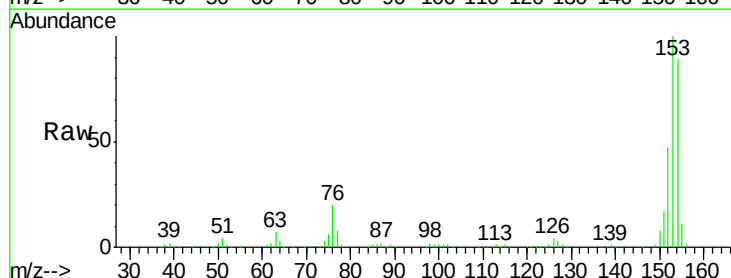
Manual Integrations  
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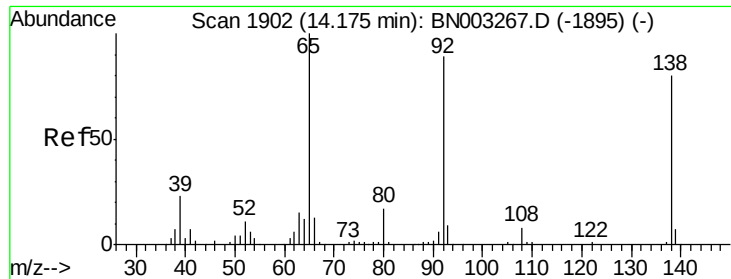
Sohil  
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#52  
Acenaphthene  
Concen: 47.843 ng  
RT: 14.31 min Scan# 1925  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 112.3 | 89.3       | 133.9      |
| 152     | 52.6  | 41.2       | 61.8       |





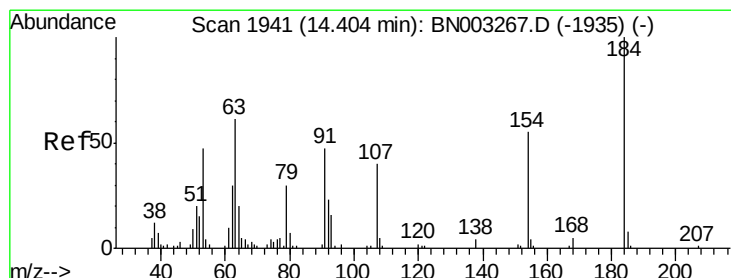
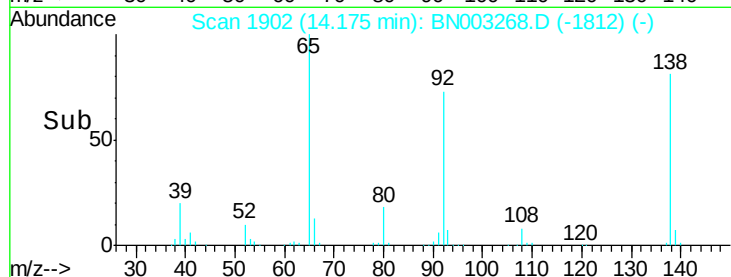
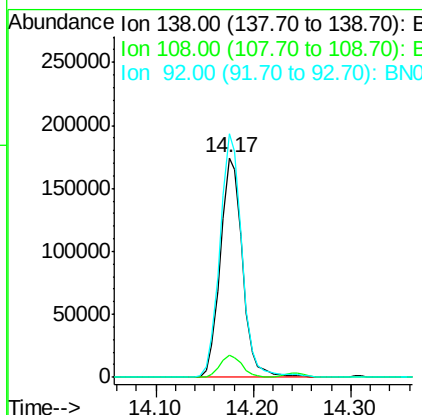
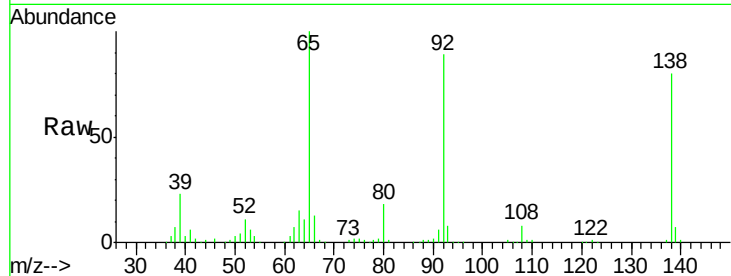
#53  
 3-Nitroaniline  
 Concen: 51.340 ng  
 RT: 14.17 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 8.4   | 12.6  |
| 92      | 110.8 | 89.6  | 134.4 |

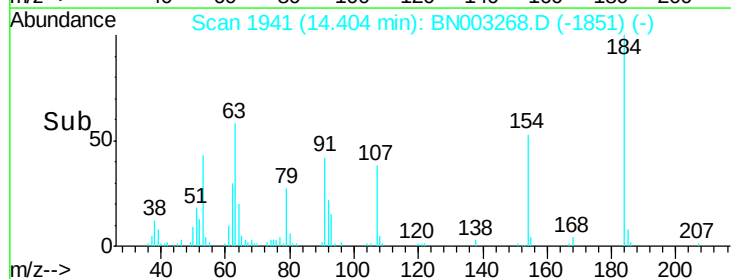
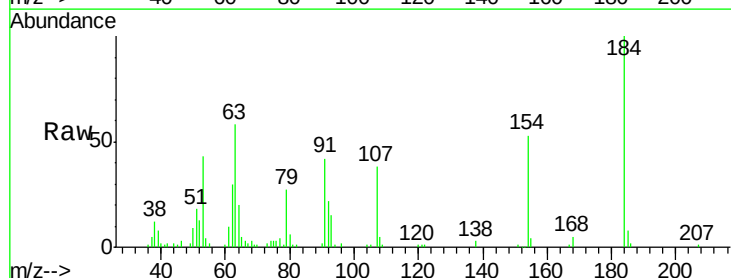
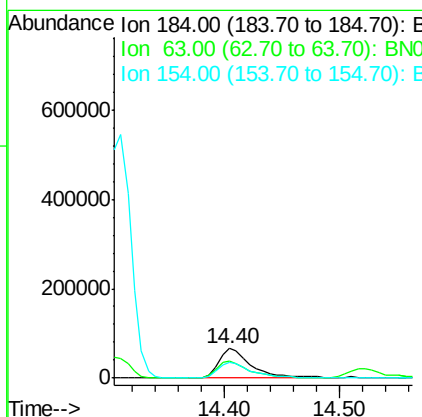
Manual Integrations  
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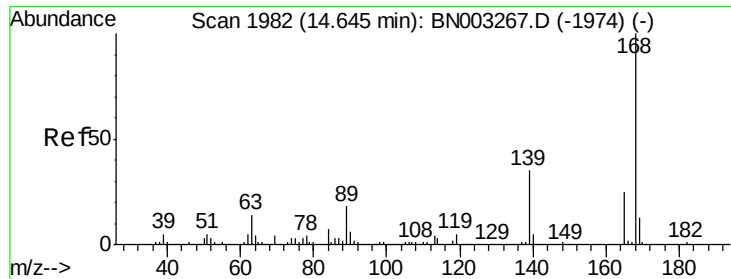
Sohil  
 10/25/2018 3:20:05 PM



#54  
 2,4-Dinitrophenol  
 Concen: 49.865 ng  
 RT: 14.40 min Scan# 1941  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 57.6  | 49.0  | 73.4  |
| 154     | 53.3  | 44.2  | 66.2  |





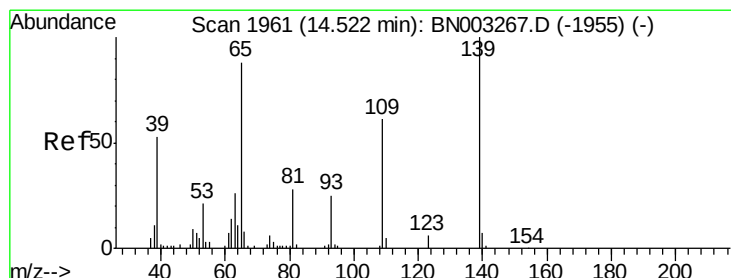
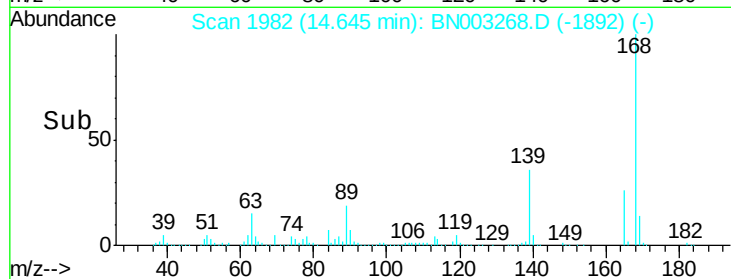
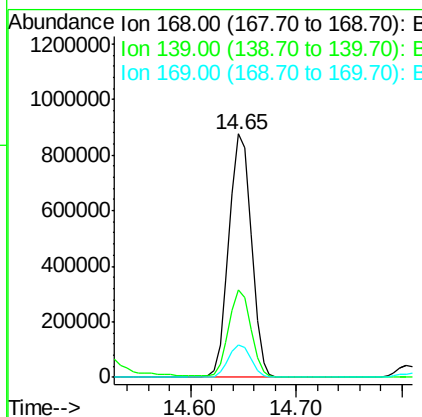
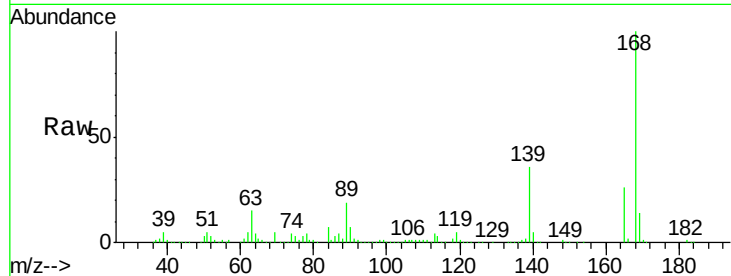
#55  
Dibenzenofuran  
Concen: 47.492 ng  
RT: 14.65 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampled :  
SSTDIC050

Tgt Ion:168 Resp: 1284499  
Ion Ratio Lower Upper  
168 100  
139 36.0 28.5 42.7  
169 13.5 10.3 15.5

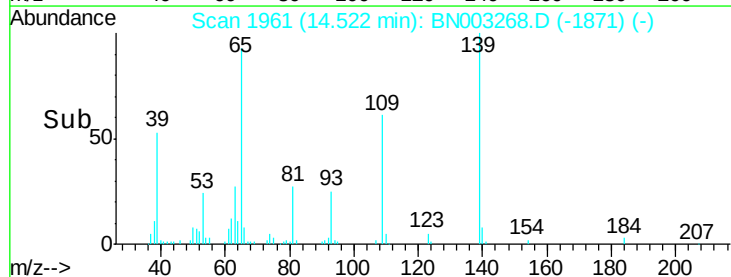
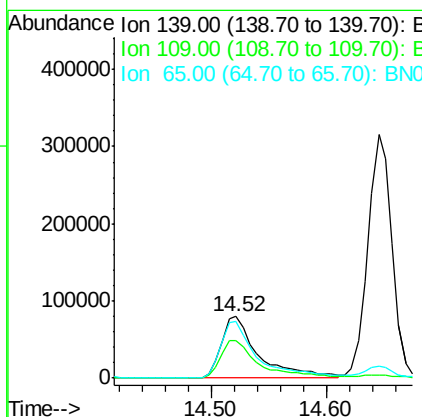
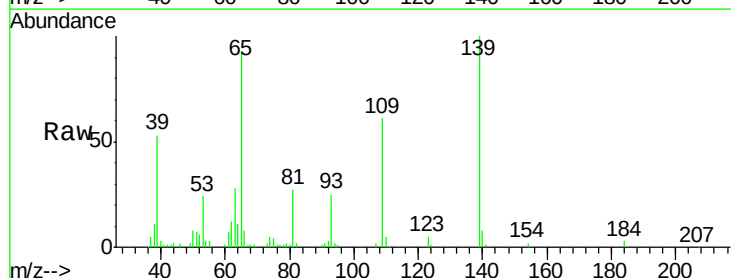
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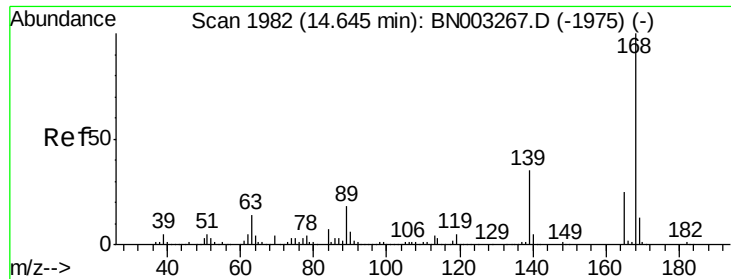


#56  
4-Nitrophenol  
Concen: 43.184 ng  
RT: 14.52 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Tgt Ion:139 Resp: 178118  
Ion Ratio Lower Upper  
139 100  
109 61.3 40.7 80.7  
65 92.9 68.0 108.0







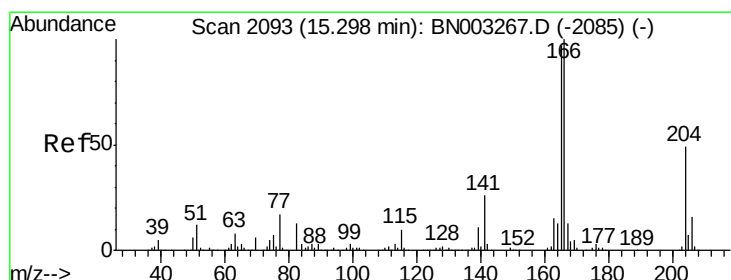
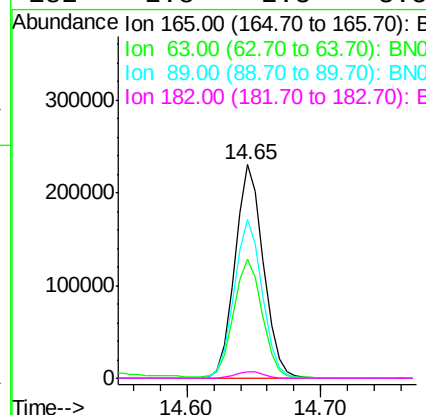
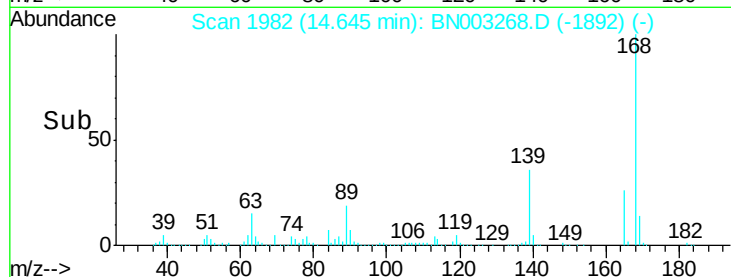
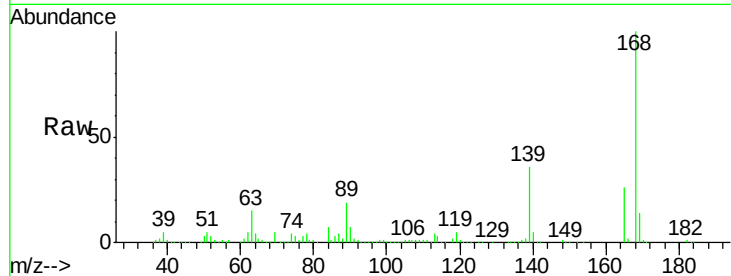
#57  
2,4-Dinitrotoluene  
Concen: 50.875 ng  
RT: 14.65 min Scan# 1982  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 342369 |       |       |
| 63      | 55.8  | 45.8   | 68.6  |       |
| 89      | 74.1  | 58.7   | 88.1  |       |
| 182     | 2.8   | 2.3    | 3.5   |       |

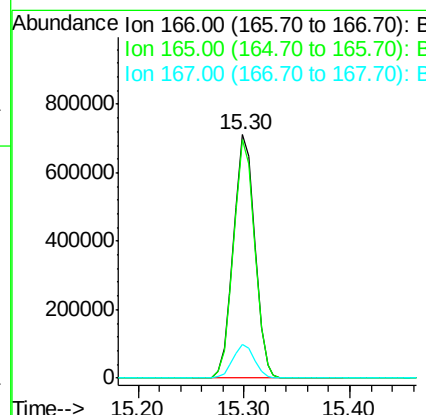
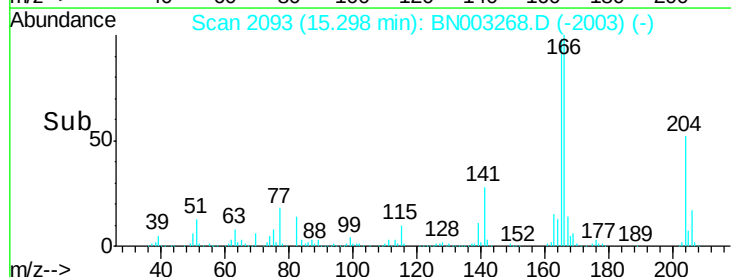
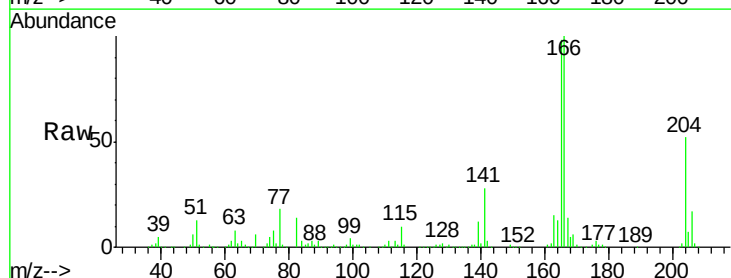
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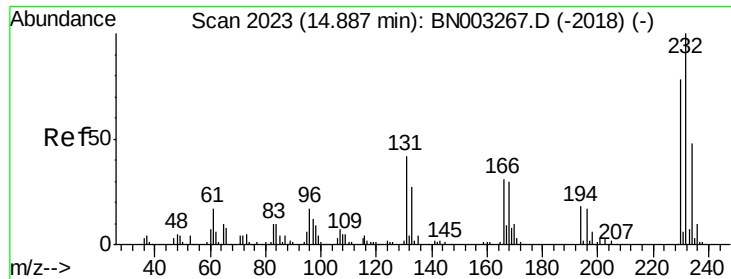
Sohil  
10/25/2018 3:20:05 PM



#58  
Fluorene  
Concen: 48.532 ng  
RT: 15.30 min Scan# 2093  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 989350 |       |       |
| 165     | 98.1  | 77.6   | 116.4 |       |
| 167     | 13.9  | 10.6   | 16.0  |       |





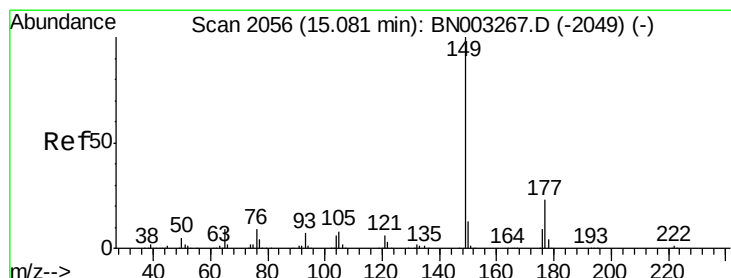
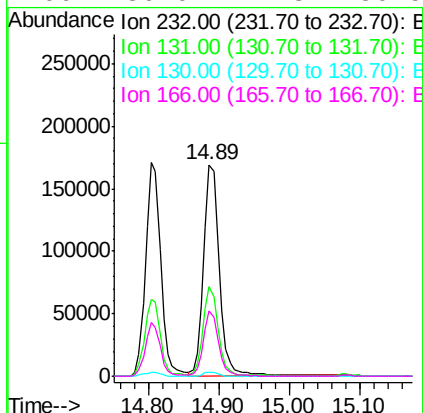
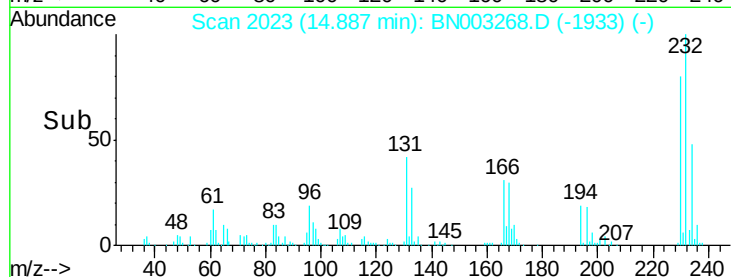
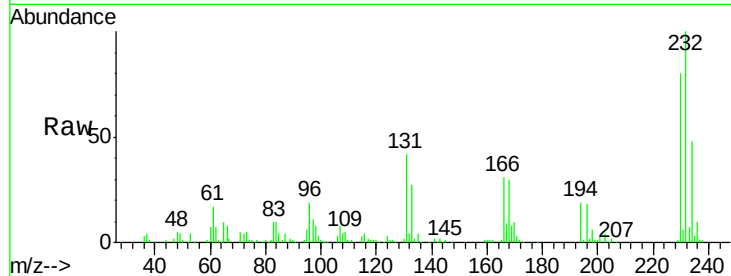
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.975 ng  
 RT: 14.89 min Scan# 2023  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 264927 |       |       |
| 131     | 40.1  | 33.7   | 50.5  |       |
| 130     | 1.9   | 1.6    | 2.4   |       |
| 166     | 30.0  | 24.3   | 36.5  |       |

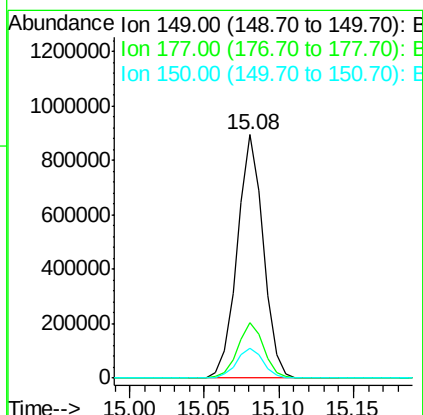
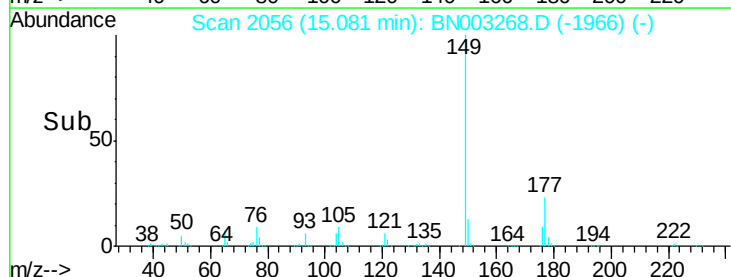
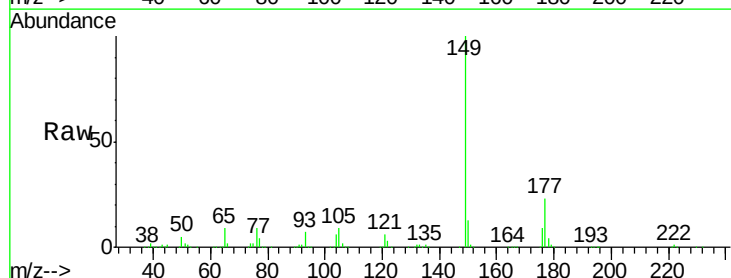
Manual Integrations  
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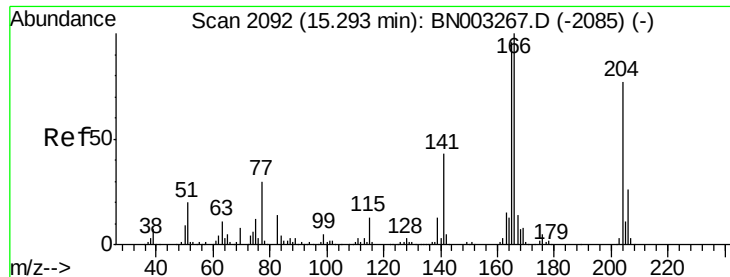
Sohil  
 10/25/2018 3:20:05 PM



#60  
 Diethylphthalate  
 Concen: 47.748 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1084672 |       |       |
| 177     | 22.5  | 18.6    | 28.0  |       |
| 150     | 12.5  | 10.0    | 15.0  |       |





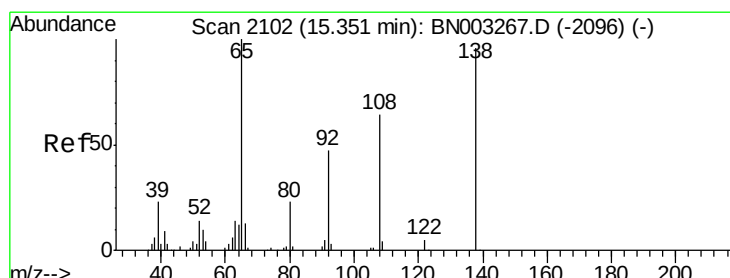
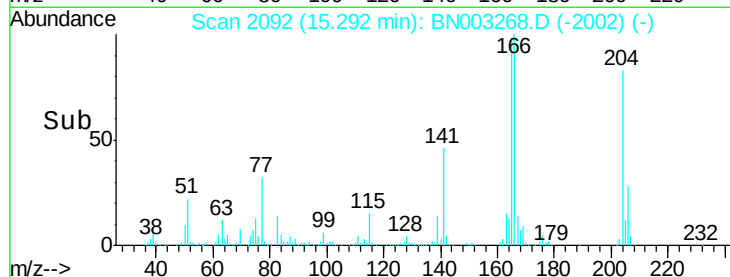
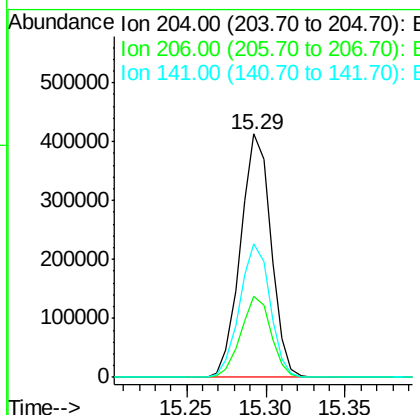
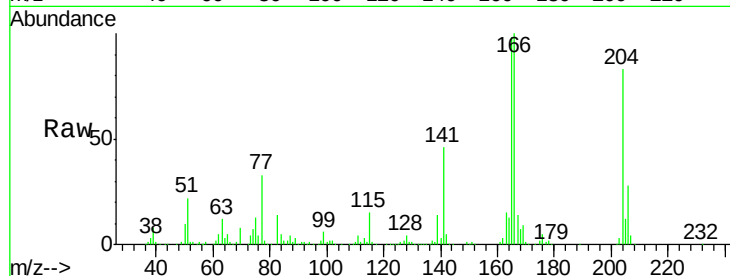
#61  
4-Chlorophenyl-phenylether  
Concen: 48.964 ng  
RT: 15.29 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.6  | 39.8  |
| 141     | 55.0  | 44.6  | 67.0  |

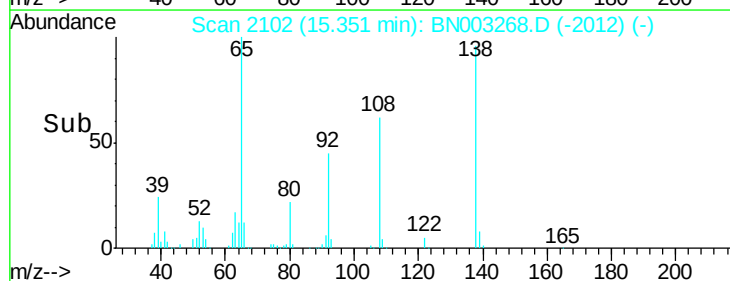
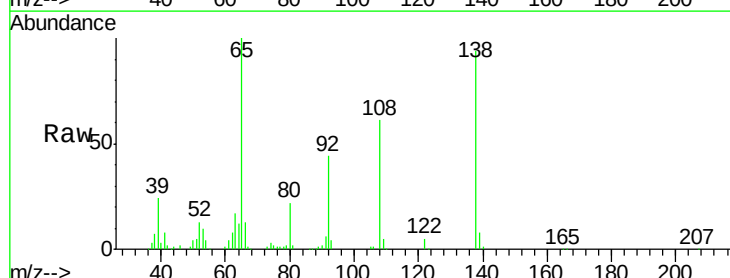
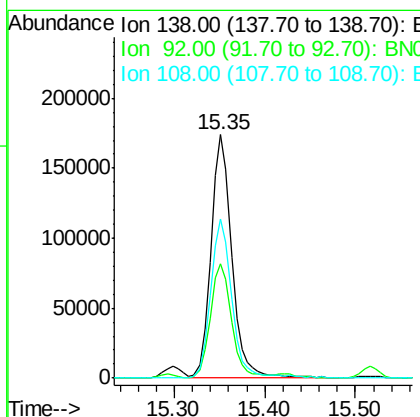
Manual Integrations  
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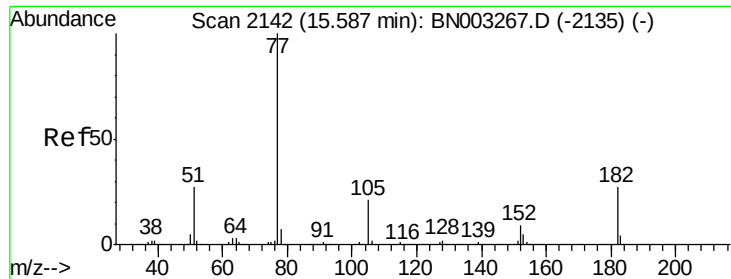
Sohil  
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#62  
4-Nitroaniline  
Concen: 50.365 ng  
RT: 15.35 min Scan# 2102  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.9  | 27.9  | 67.9  |
| 108     | 65.4  | 46.3  | 86.3  |





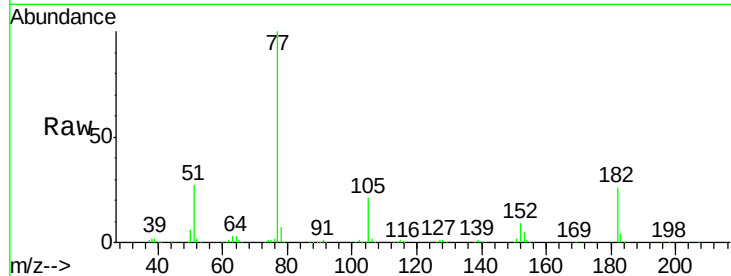
#63  
Azobenzene  
Concen: 46.440 ng  
RT: 15.59 min Scan# 2142  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 25.8 | 6.5   | 46.5  |       |
| 105     | 21.2 | 1.0   | 41.0  |       |
| 51      | 27.2 | 7.0   | 47.0  |       |

Manual Integrations  
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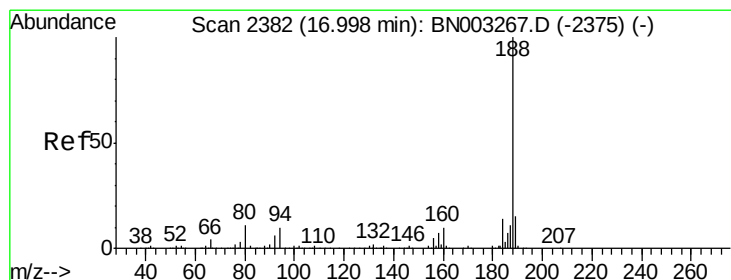
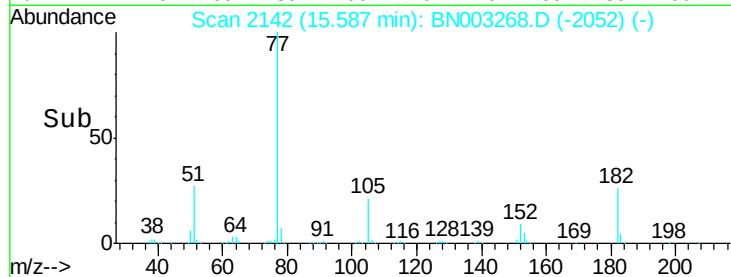
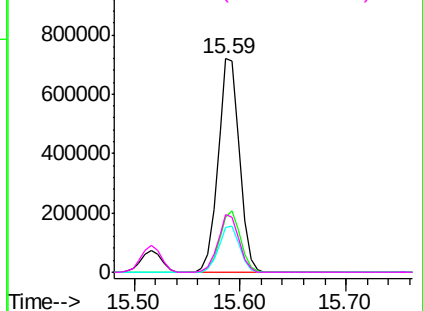


Abundance Ion 77.00 (76.70 to 77.70): BN003268.D (-2052) (-)

Ion 182.00 (181.70 to 182.70): BN003268.D (-2052) (-)

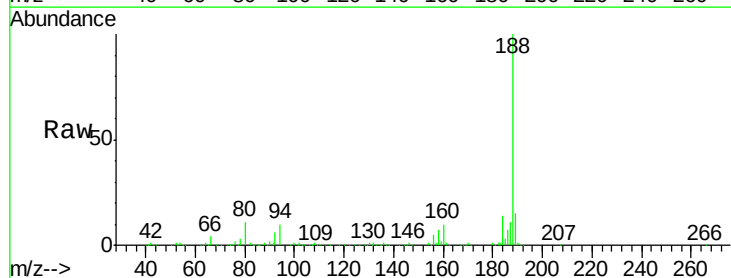
Ion 105.00 (104.70 to 105.70): BN003268.D (-2052) (-)

Ion 51.00 (50.70 to 51.70): BN003268.D (-2052) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.00 min Scan# 2382  
Delta R.T. 0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

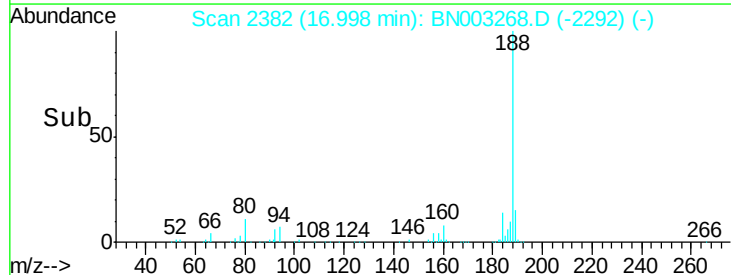
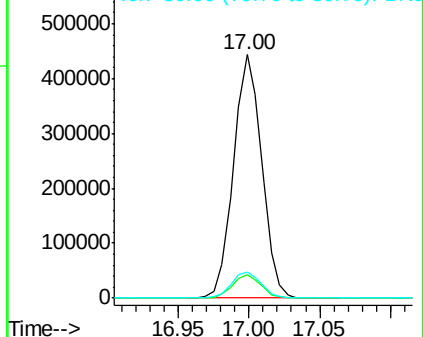
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.8  | 8.1   | 12.1  |       |
| 80      | 10.8 | 8.6   | 13.0  |       |

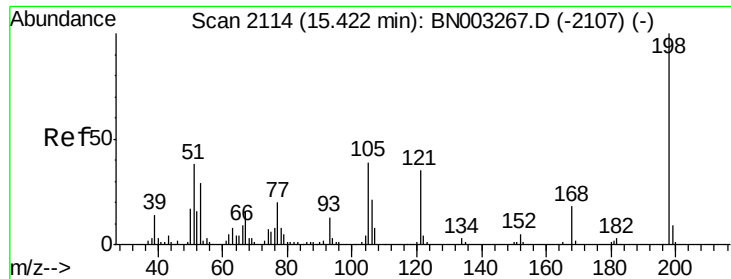


Abundance Ion 188.00 (187.70 to 188.70): BN003268.D (-2292) (-)

Ion 94.00 (93.70 to 94.70): BN003268.D (-2292) (-)

Ion 80.00 (79.70 to 80.70): BN003268.D (-2292) (-)





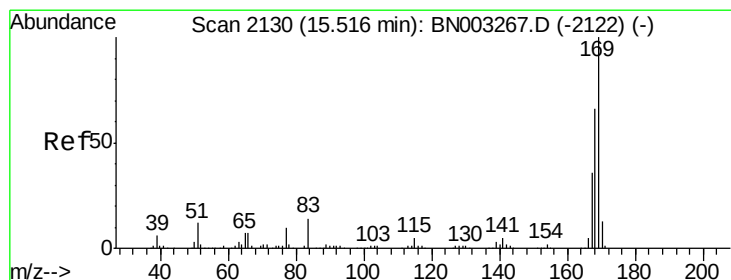
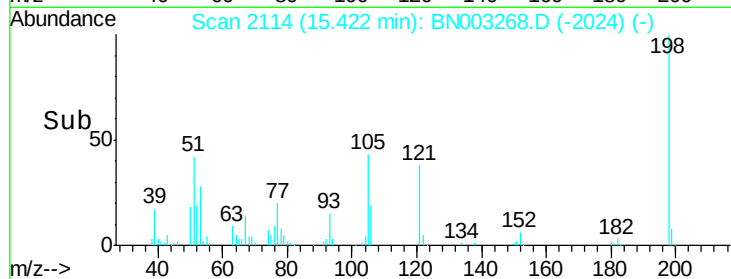
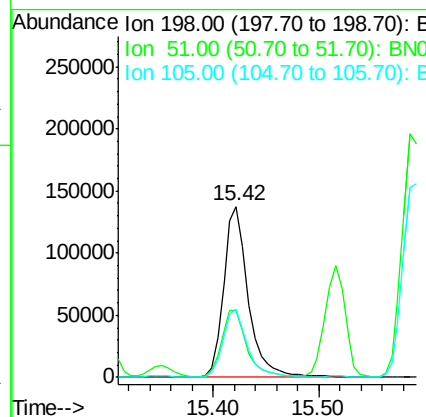
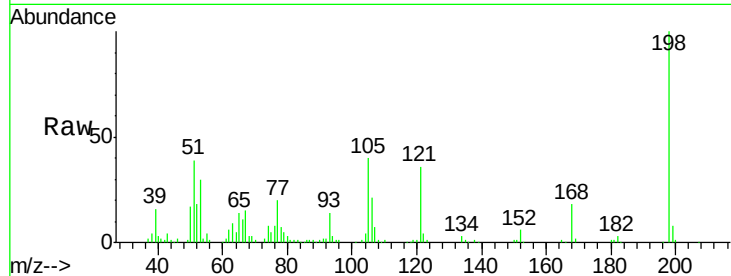
#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.428 ng  
RT: 15.42 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 222705 |       |       |
| 51      | 38.9  | 19.2   | 59.2  |       |
| 105     | 39.7  | 18.9   | 58.9  |       |

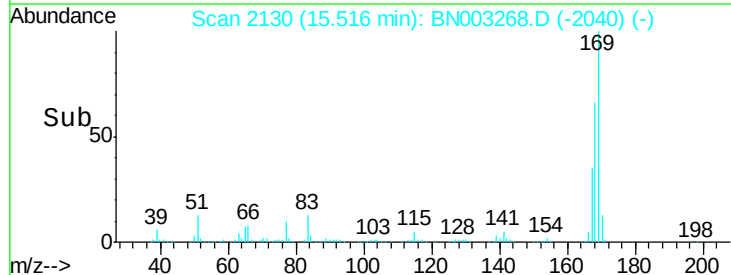
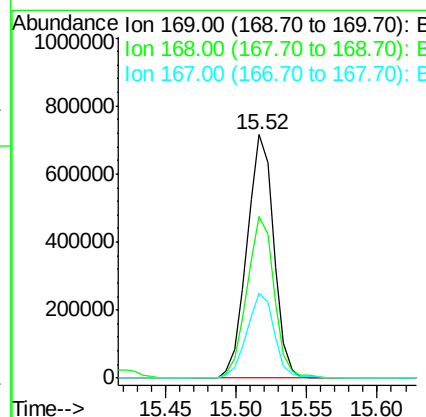
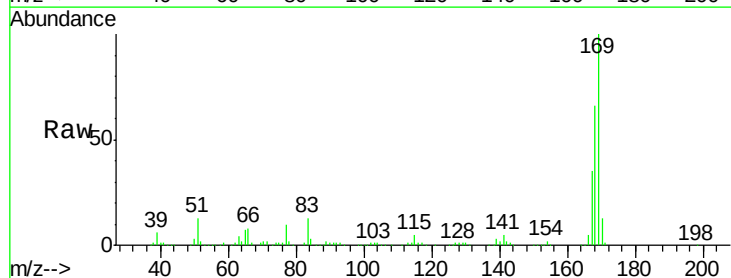
Manual Integrations  
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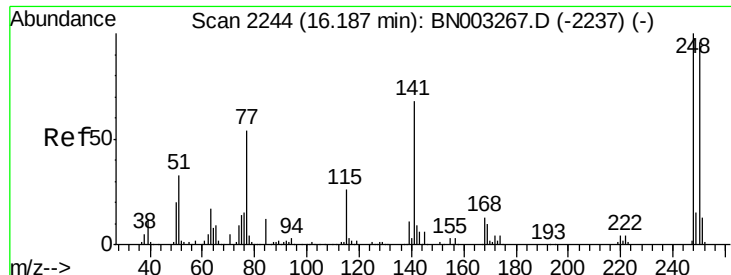
Sohil  
10/25/2018 3:20:05 PM



#66  
n-Nitrosodiphenylamine  
Concen: 46.643 ng  
RT: 15.52 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 955599 |       |       |
| 168     | 66.4  | 53.3   | 79.9  |       |
| 167     | 34.7  | 28.6   | 43.0  |       |





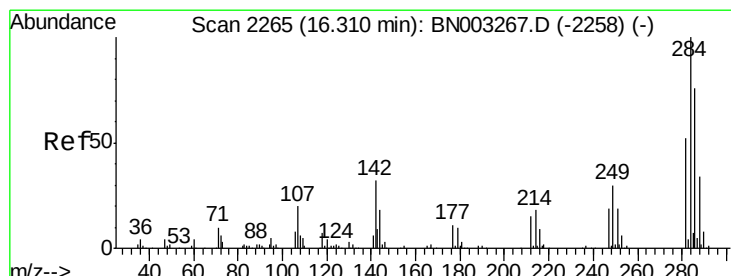
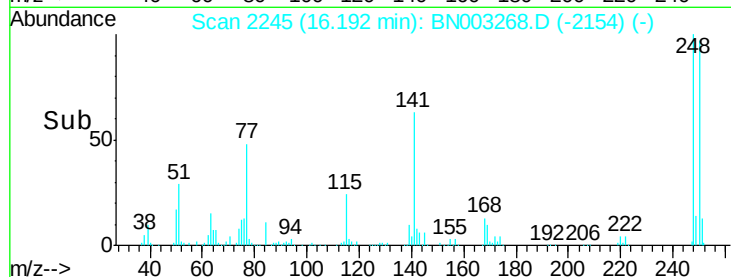
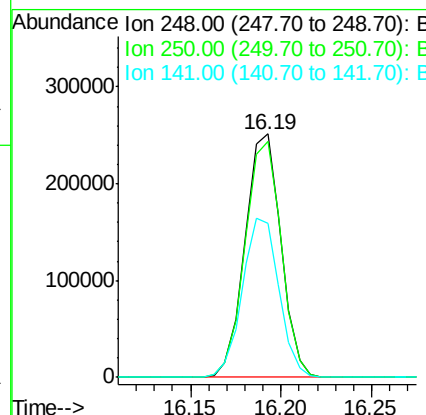
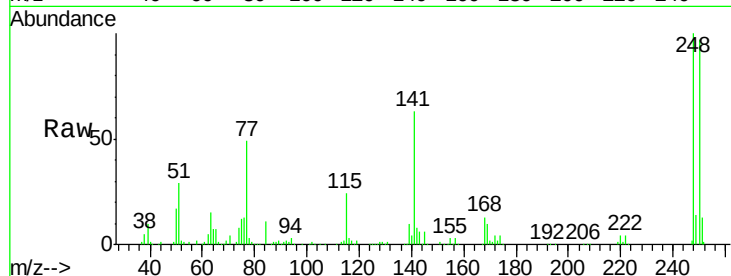
#67  
 4-Bromophenyl-phenylether  
 Concen: 47.916 ng  
 RT: 16.19 min Scan# 2245  
 Delta R.T. 0.01 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 76.4  | 114.6 |
| 141     | 63.0  | 54.2  | 81.4  |

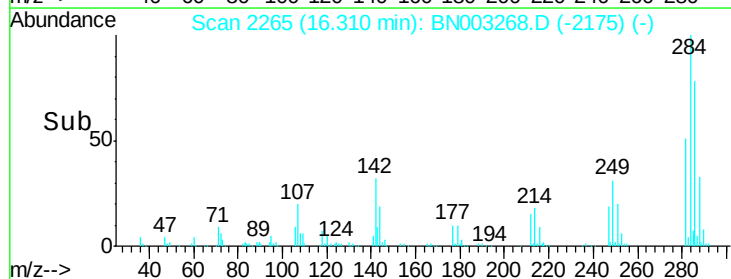
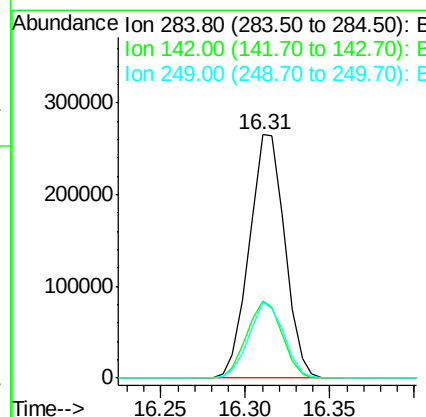
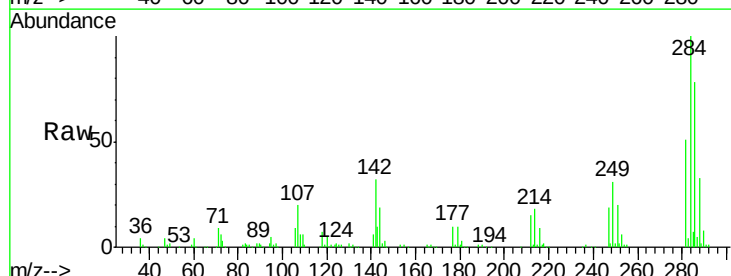
Manual Integrations  
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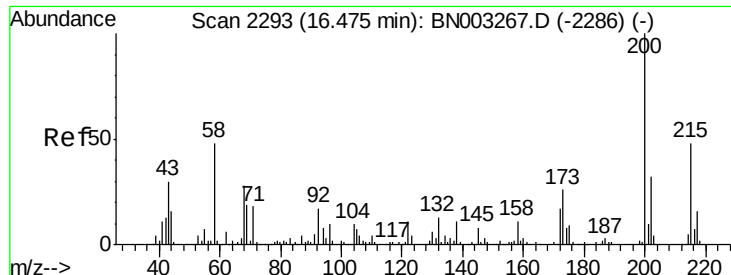
Sohil  
 10/25/2018 3:20:05 PM



#68  
 Hexachlorobenzene  
 Concen: 48.713 ng  
 RT: 16.31 min Scan# 2265  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.5  | 25.6  | 38.4  |
| 249     | 31.0  | 23.6  | 35.4  |





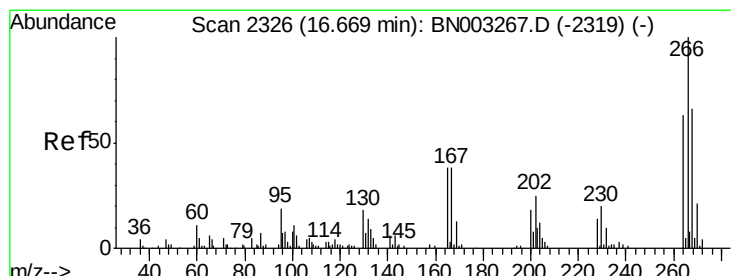
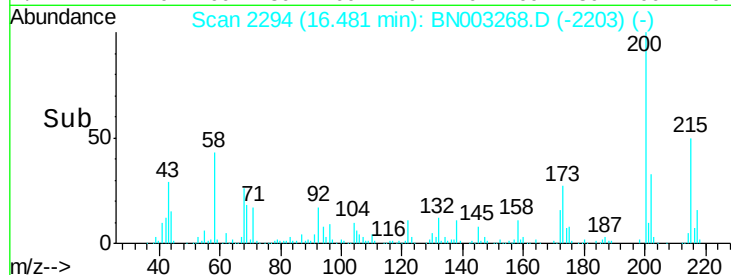
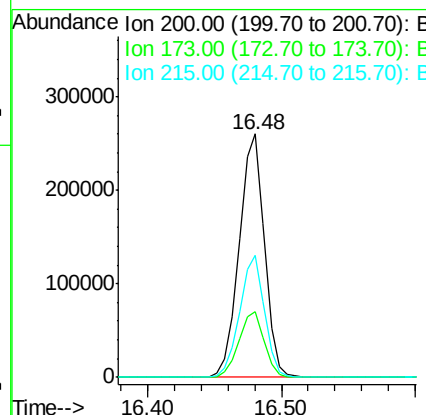
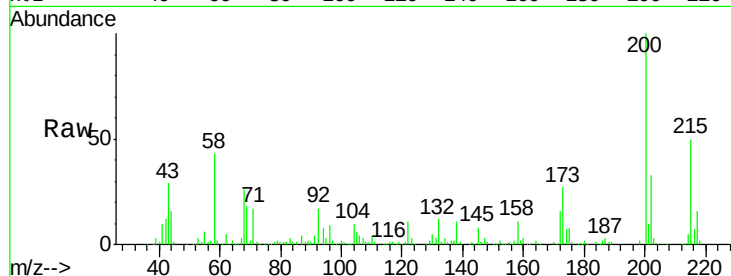
#69  
Atrazine  
Concen: 49.486 ng  
RT: 16.48 min Scan# 2294  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 341338 |       |       |
| 173     | 26.9  | 6.3    | 46.3  |       |
| 215     | 50.0  | 27.6   | 67.6  |       |

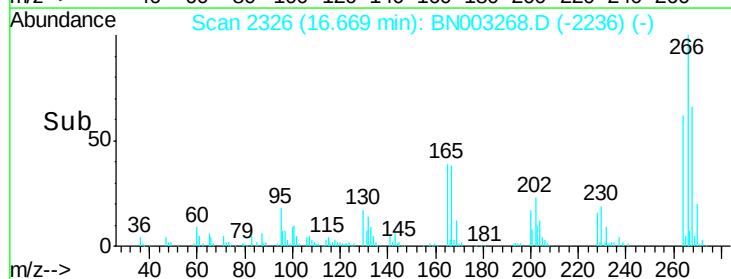
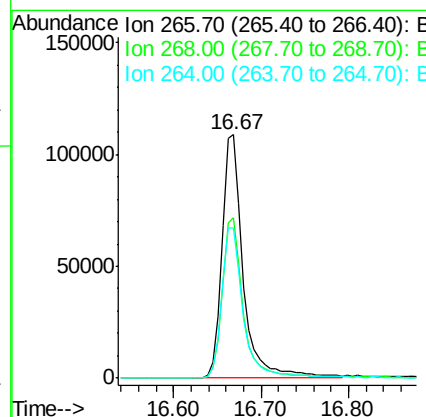
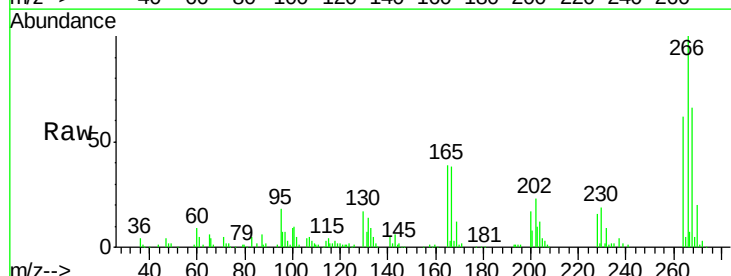
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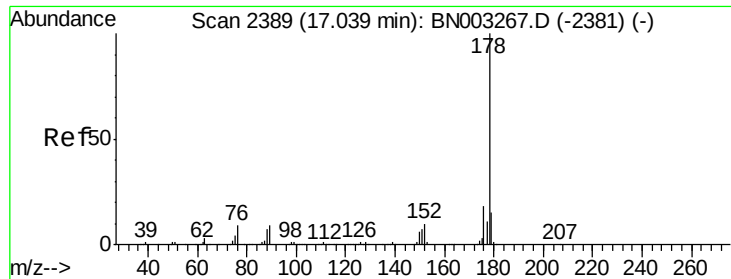
Sohil  
10/25/2018 3:20:05 PM



#70  
Pentachlorophenol  
Concen: 35.685 ng  
RT: 16.67 min Scan# 2326  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 183637 |       |       |
| 268     | 65.7  | 52.5   | 78.7  |       |
| 264     | 61.5  | 50.3   | 75.5  |       |





#71

Phenanthrene

Concen: 47.514 ng

RT: 17.05 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tgt Ion:178 Resp: 1601251

Ion Ratio Lower Upper

178 100

176 18.7 14.4 21.6

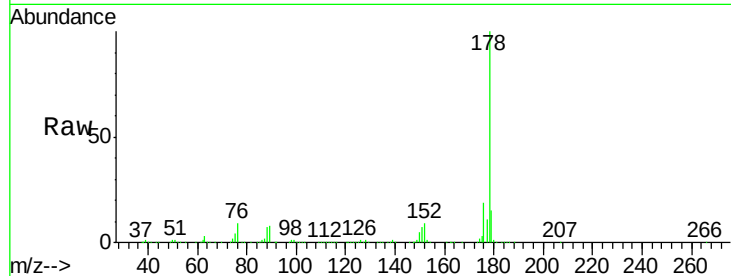
179 14.9 12.2 18.4

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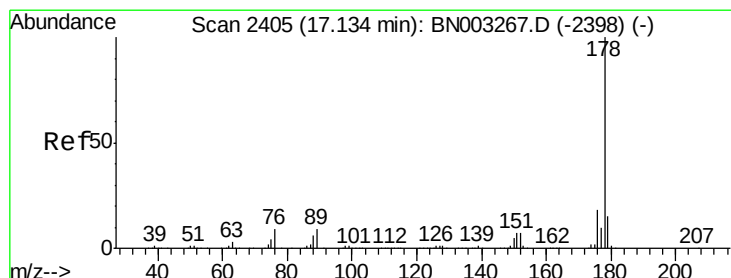
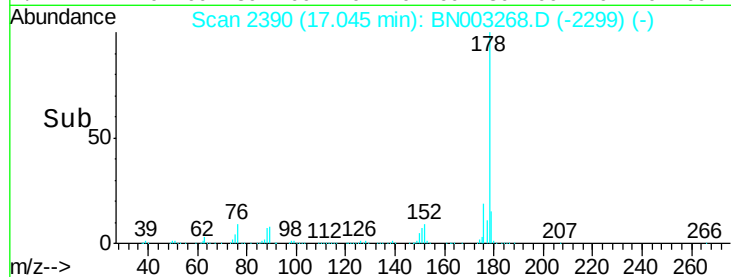
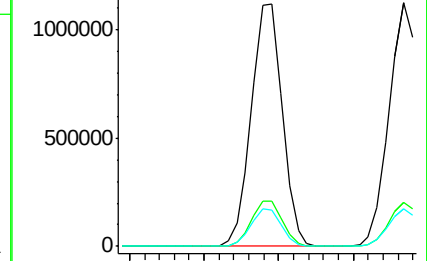
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.168 ng

RT: 17.13 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

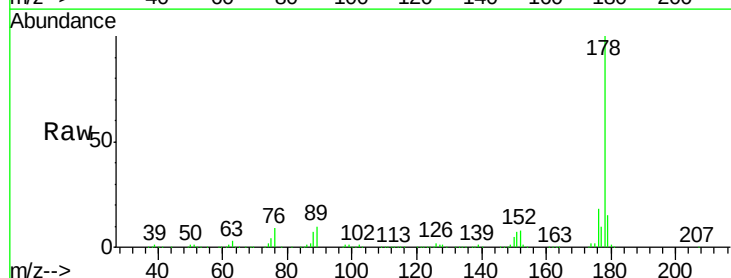
Tgt Ion:178 Resp: 1606692

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

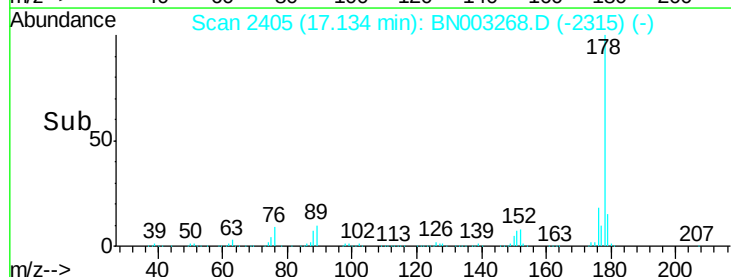
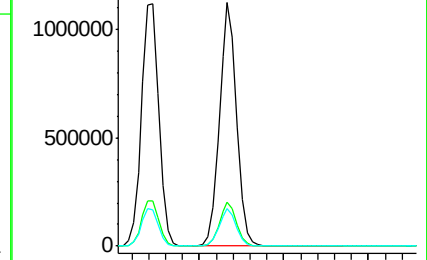
179 15.4 12.1 18.1



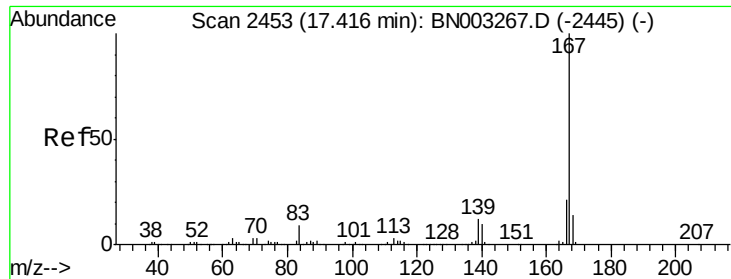
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







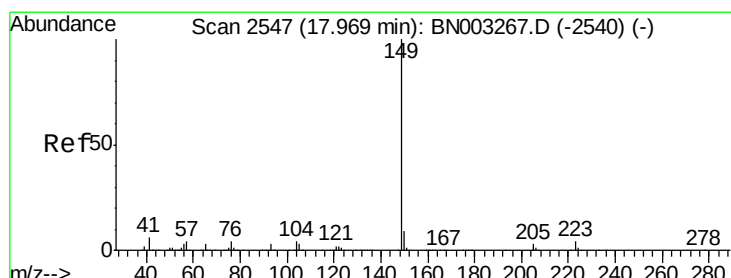
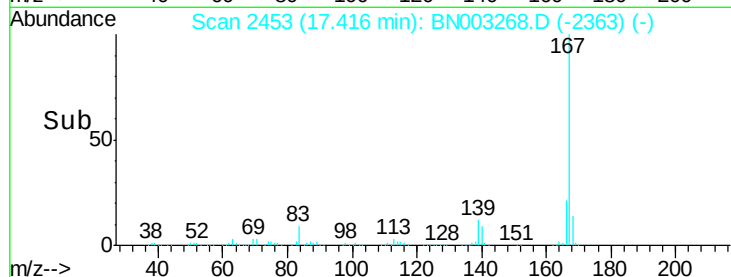
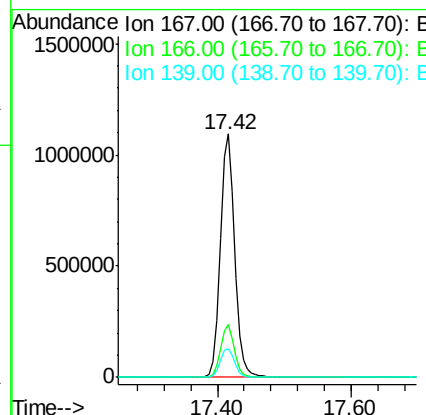
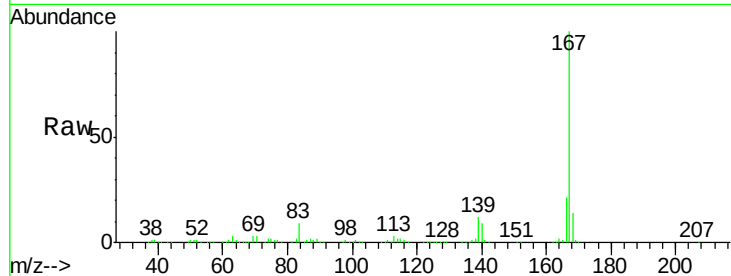
#73  
 Carbazole  
 Concen: 49.515 ng  
 RT: 17.42 min Scan# 2453  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tgt Ion:167 Resp: 1657250  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.0 25.6  
 139 12.0 9.9 14.9

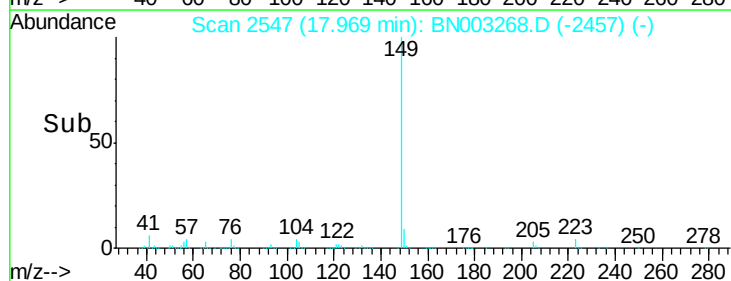
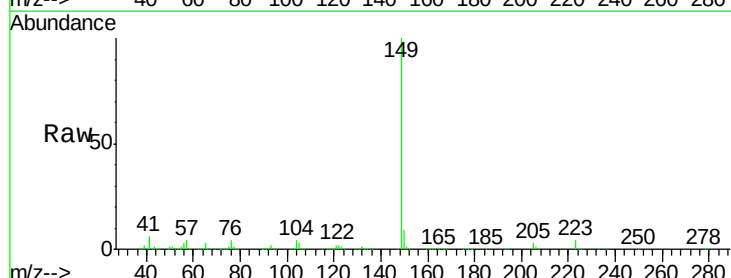
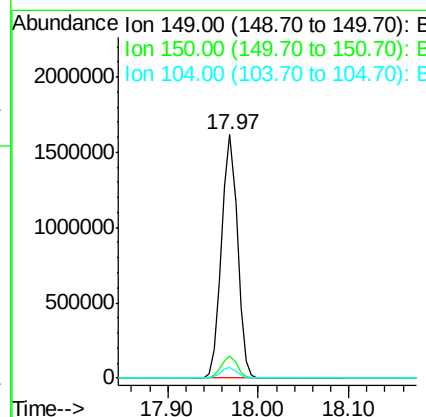
Manual Integrations  
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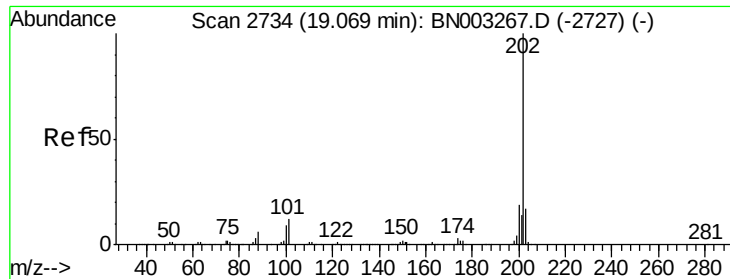
Sohil  
 10/25/2018 3:20:05 PM



#74  
 Di-n-butylphthalate  
 Concen: 50.044 ng  
 RT: 17.97 min Scan# 2547  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Tgt Ion:149 Resp: 1953810  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.2 10.8  
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 51.193 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

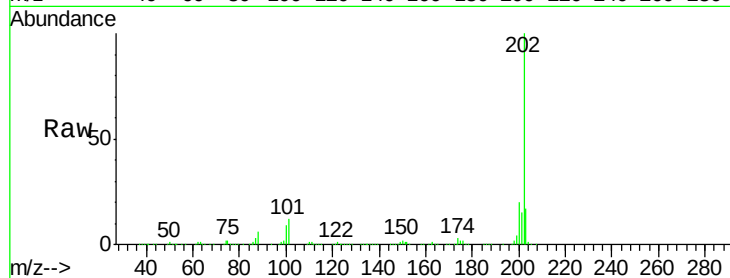
ClientSampleId :

SSTDIC050

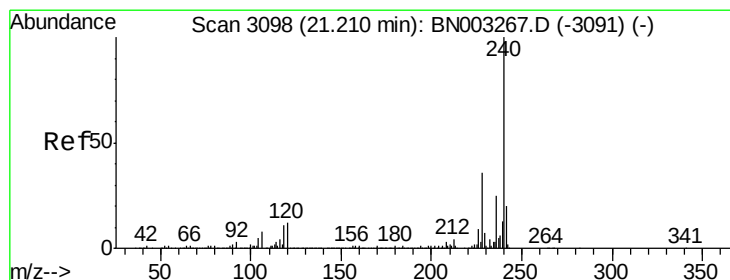
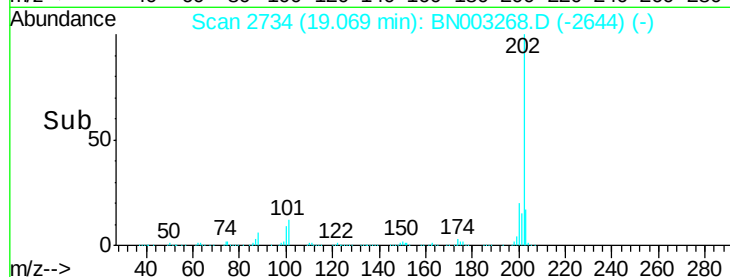
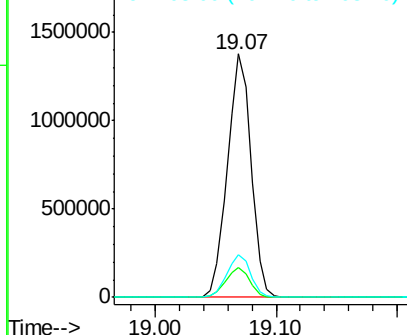
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1873154 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 12.2  | 0.0   | 32.3    |
| 203      | 17.5  | 0.0   | 37.4    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

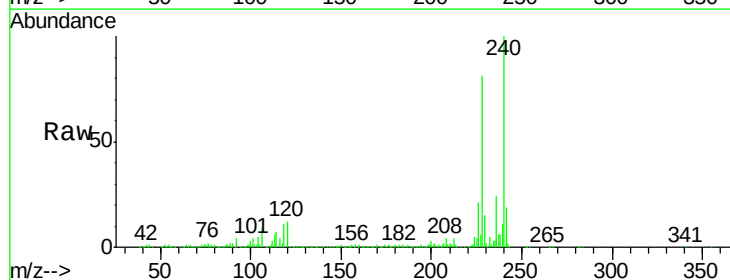
RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

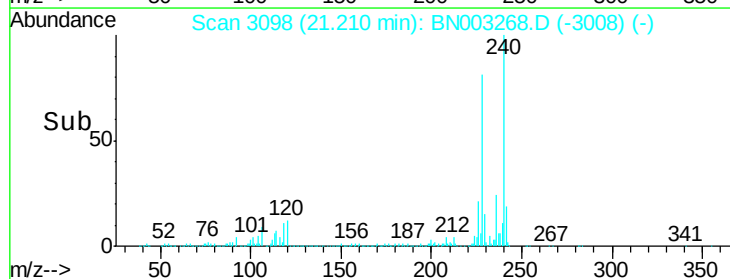
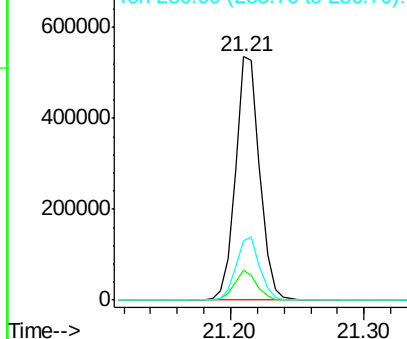
Lab File: BN003268.D

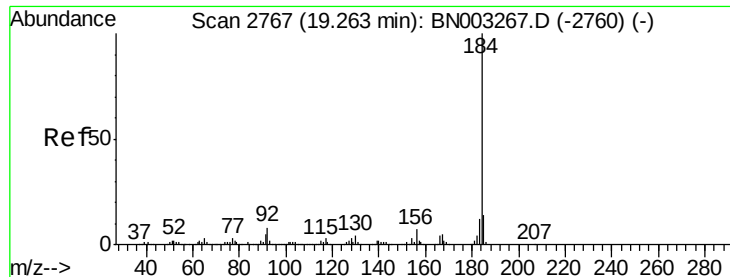
Acq: 24 Oct 2018 12:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 670399 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 12.4  | 9.4   | 14.0   |
| 236      | 24.4  | 20.3  | 30.5   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.729 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

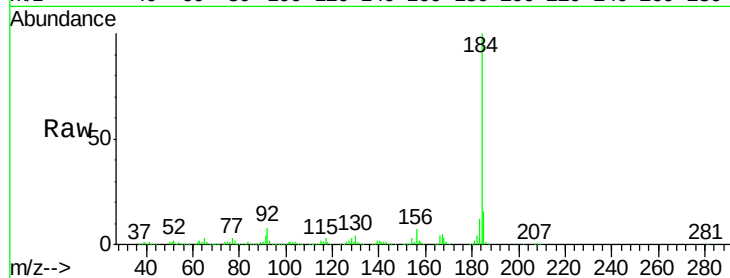
ClientSampleId :

SSTDIC050

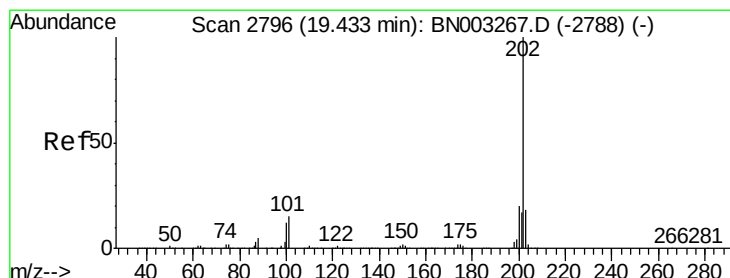
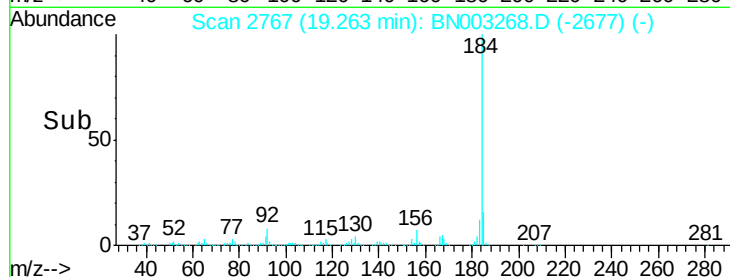
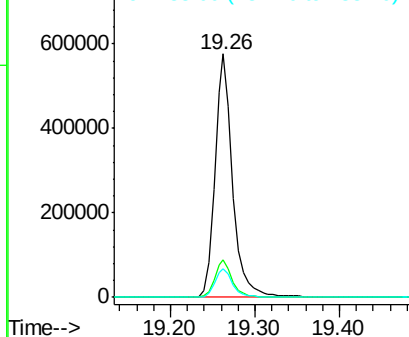
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 846821 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.5  | 11.5  | 17.3   |
| 183       | 11.8  | 9.4   | 14.0   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.288 ng

RT: 19.43 min Scan# 2796

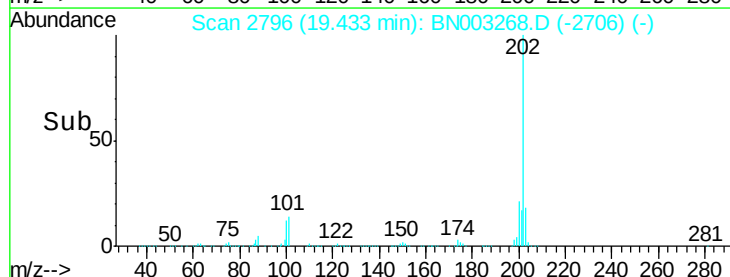
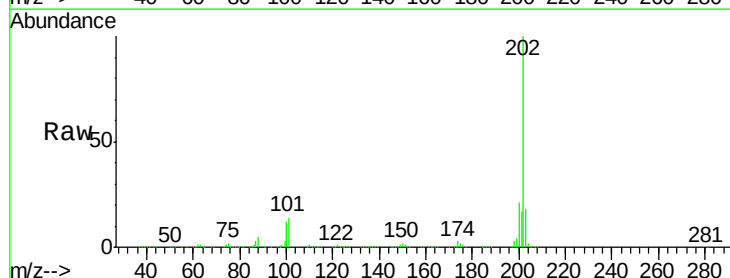
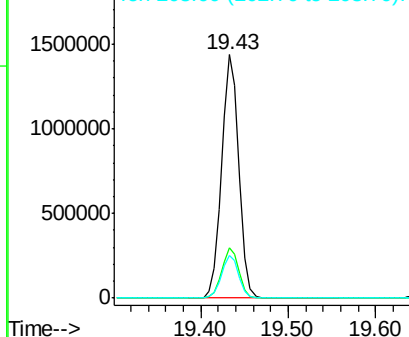
Delta R.T. 0.00 min

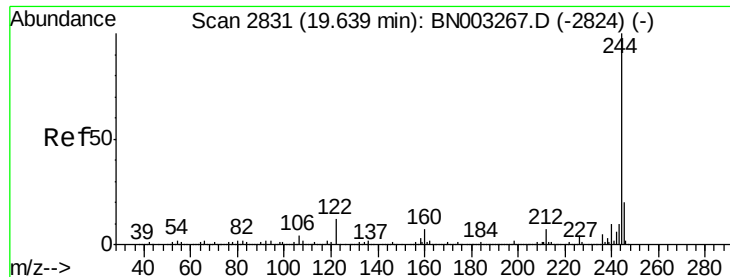
Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1955094 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.6  | 16.2  | 24.4    |
| 203       | 17.5  | 14.3  | 21.5    |

Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.296 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tgt Ion:244 Resp: 3063137

Ion Ratio Lower Upper

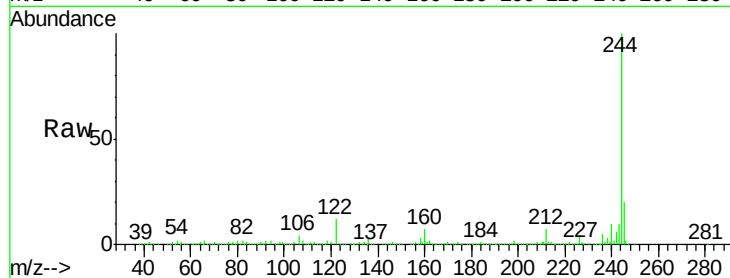
244 100

212 6.7 5.4 8.0

122 11.9 9.4 14.2

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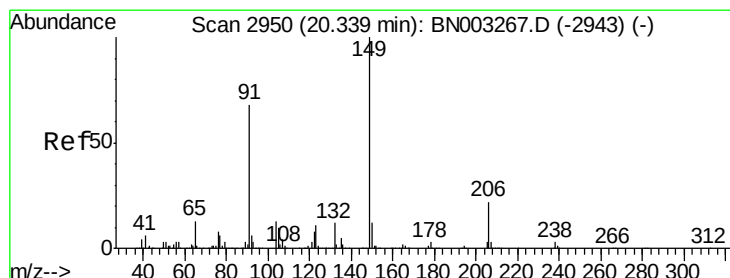
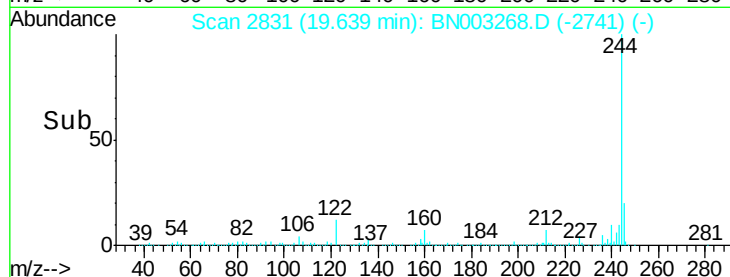
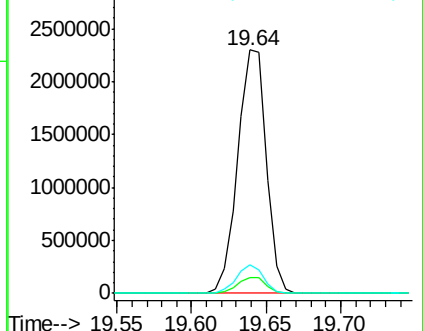
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.499 ng

RT: 20.34 min Scan# 2950

Delta R.T. 0.00 min

Lab File: BN003268.D

Acq: 24 Oct 2018 12:27

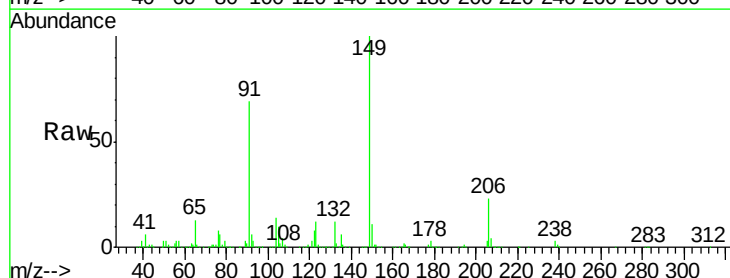
Tgt Ion:149 Resp: 915669

Ion Ratio Lower Upper

149 100

91 68.6 54.6 81.8

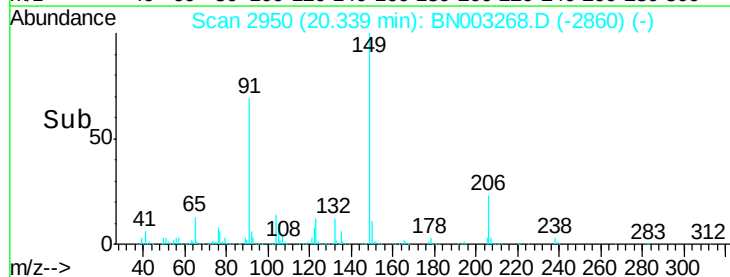
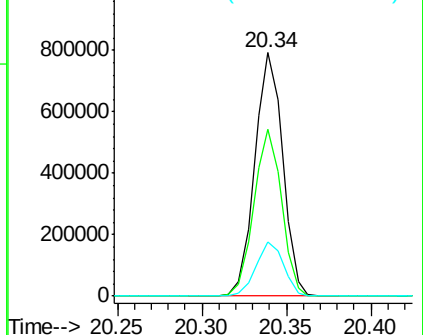
206 22.5 17.8 26.6

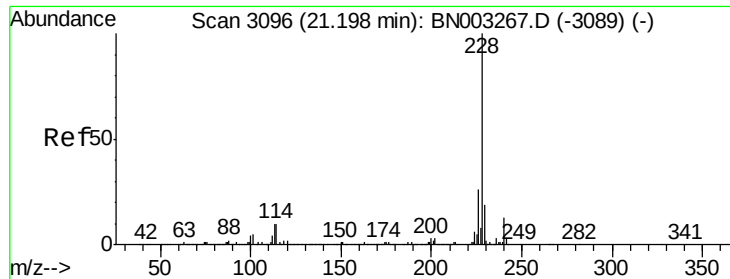


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





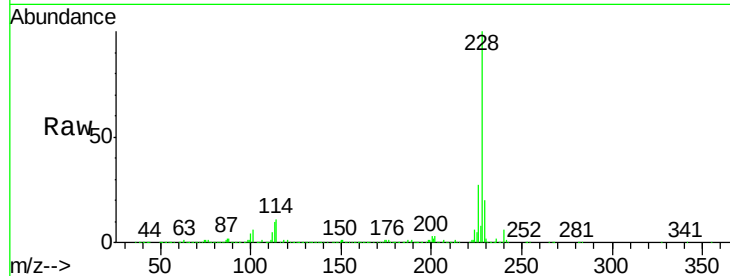
#81  
Benzo(a)anthracene  
Concen: 46.722 ng  
RT: 21.20 min Scan# 3096  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.9  | 20.8  | 31.2  |
| 229     | 19.6  | 15.3  | 22.9  |

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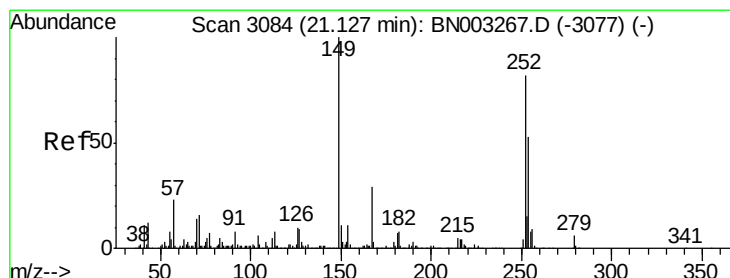
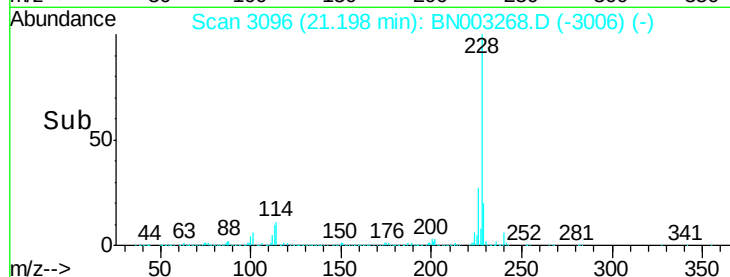
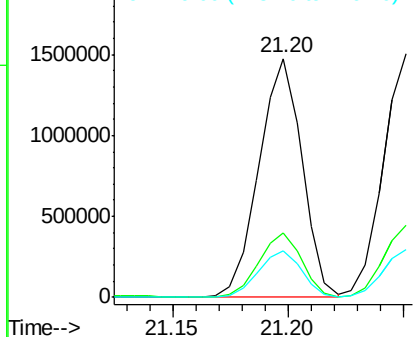


Abundance

Ion 228.00 (227.70 to 228.70): E

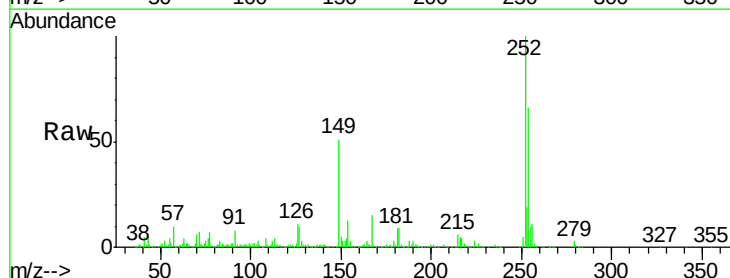
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 49.461 ng  
RT: 21.13 min Scan# 3085  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.8  | 51.1  | 76.7  |
| 126     | 11.0  | 9.3   | 13.9  |

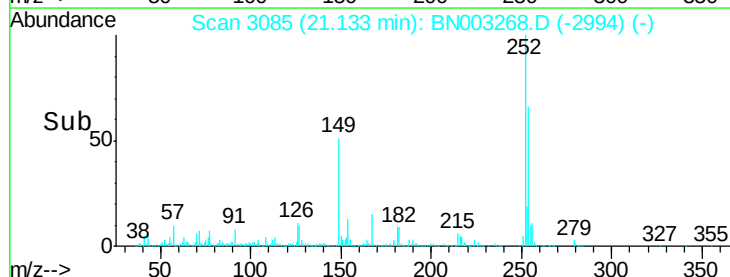
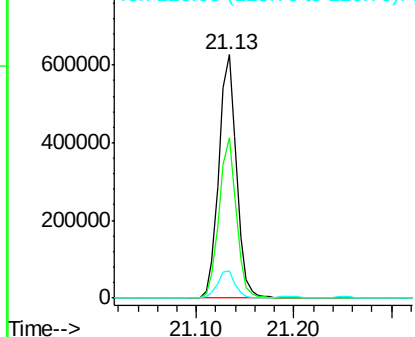


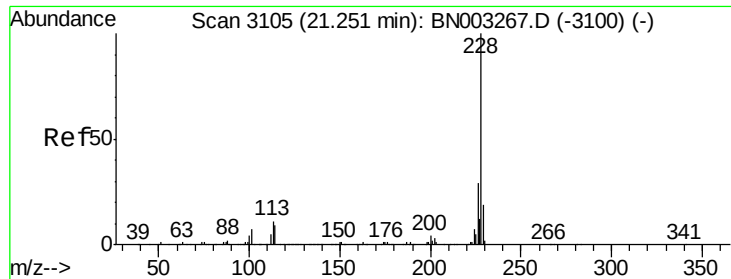
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





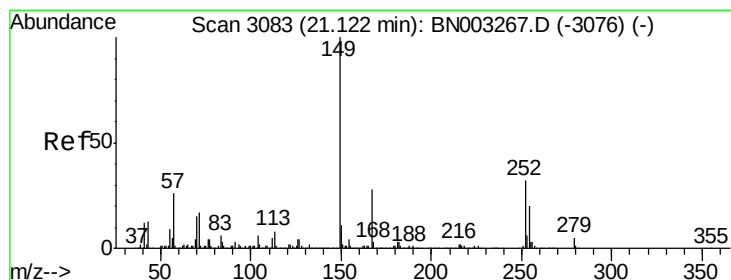
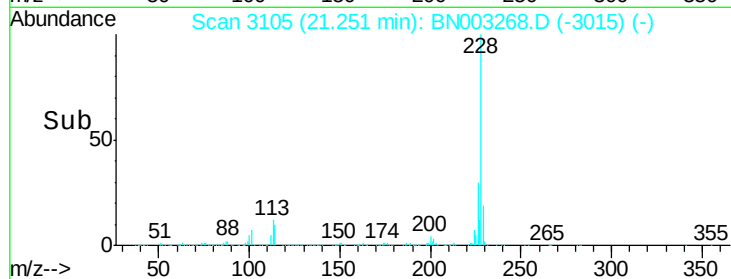
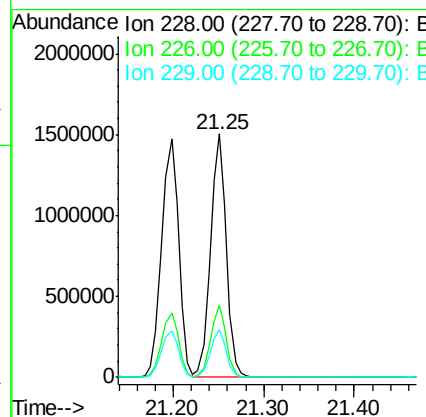
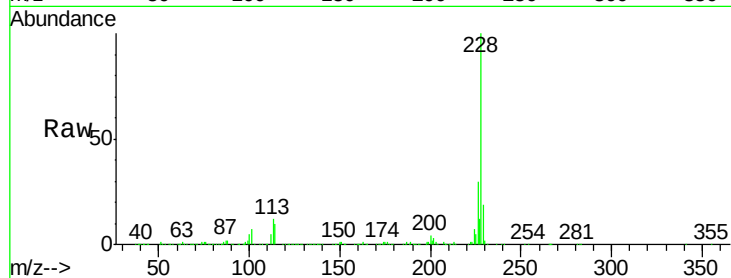
#83  
**Chrysene**  
 Concen: 47.260 ng  
 RT: 21.25 min Scan# 3105  
 Delta R.T. 0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTDICC050

Tgt Ion: 228 Resp: 1838631  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 23.3 34.9  
 229 19.5 15.3 22.9

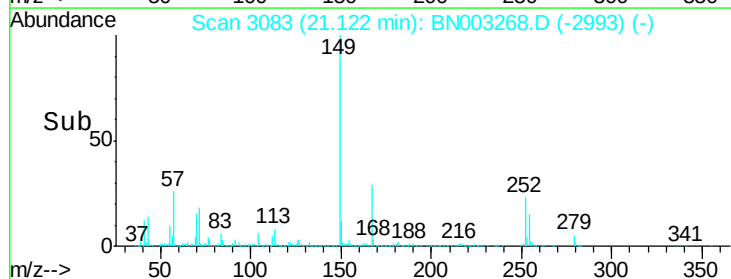
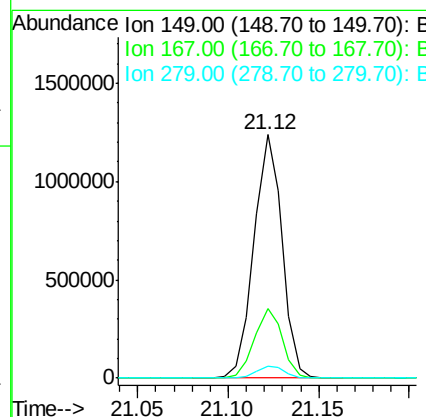
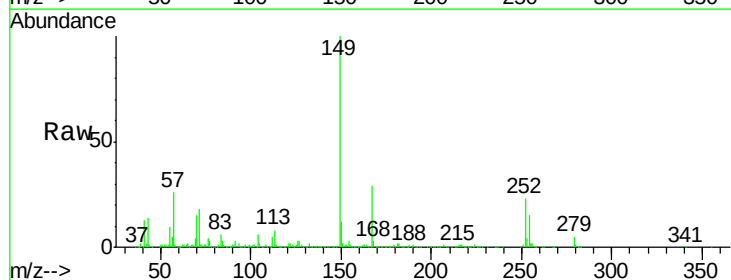
Manual Integrations  
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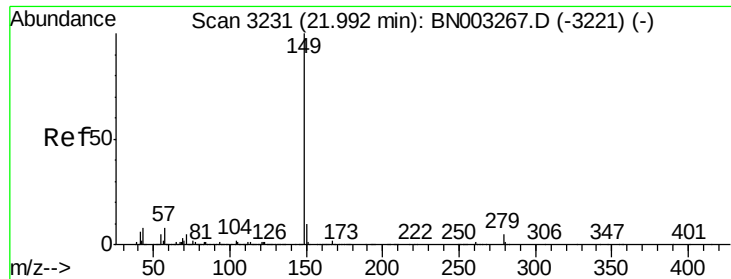
Sohil  
 10/25/2018 3:20:05 PM



#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 47.466 ng  
 RT: 21.12 min Scan# 3083  
 Delta R.T. -0.00 min  
 Lab File: BN003268.D  
 Acq: 24 Oct 2018 12:27

Tgt Ion: 149 Resp: 1332089  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 22.6 33.8  
 279 5.0 3.8 5.8





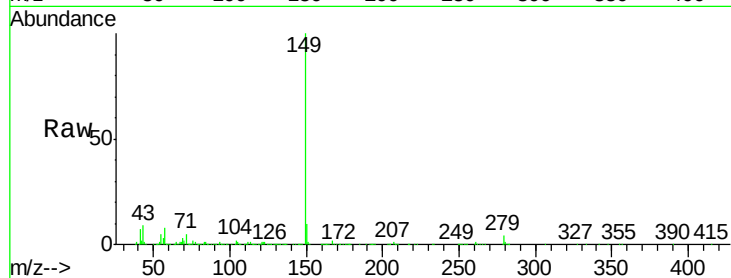
#85  
Di-n-octyl phthalate  
Concen: 51.940 ng  
RT: 21.99 min Scan# 3231  
Delta R.T. -0.00 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

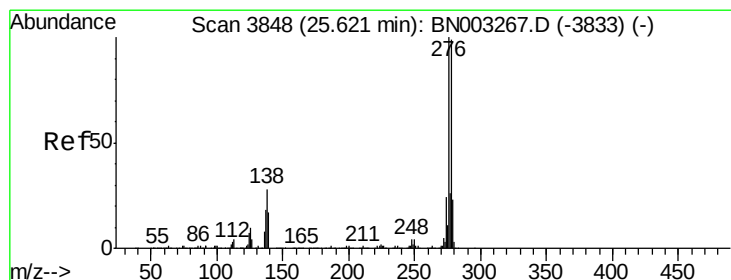
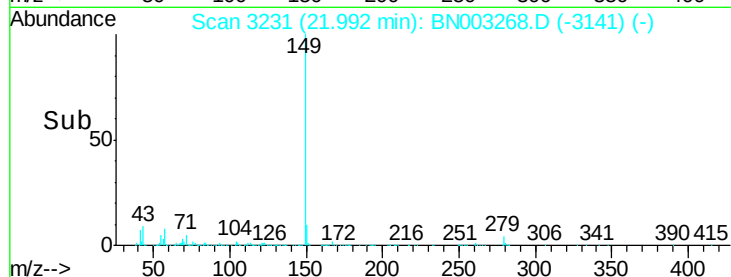
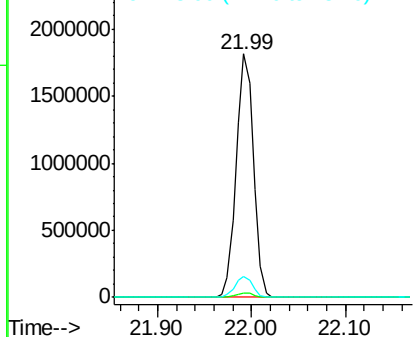
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 8.5   | 6.9   | 10.3  |

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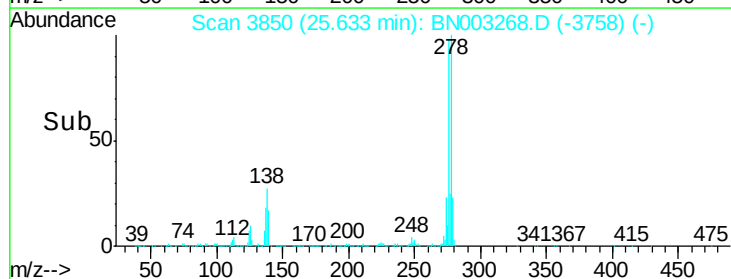
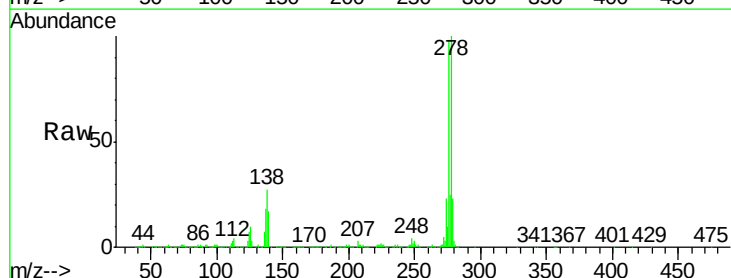
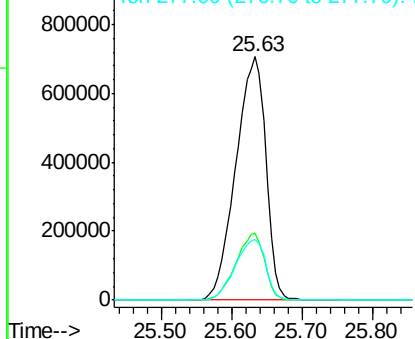
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BNC

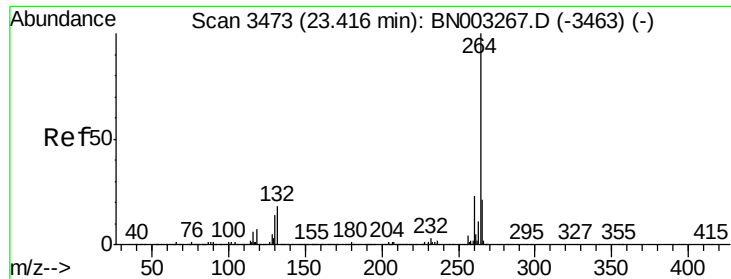


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 55.021 ng  
RT: 25.63 min Scan# 3850  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.5  | 21.2  | 31.8  |
| 277     | 25.2  | 20.2  | 30.4  |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





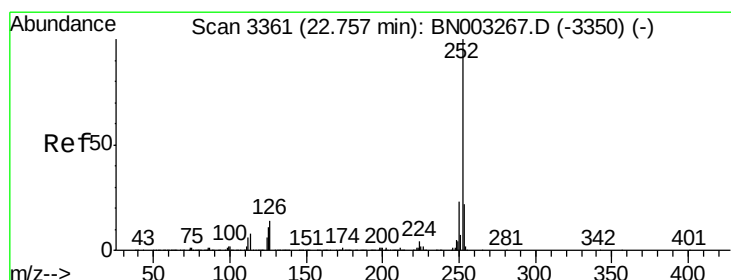
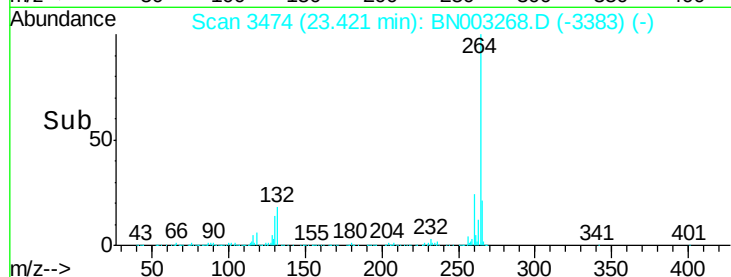
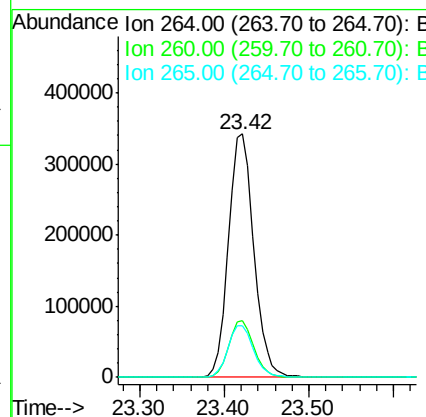
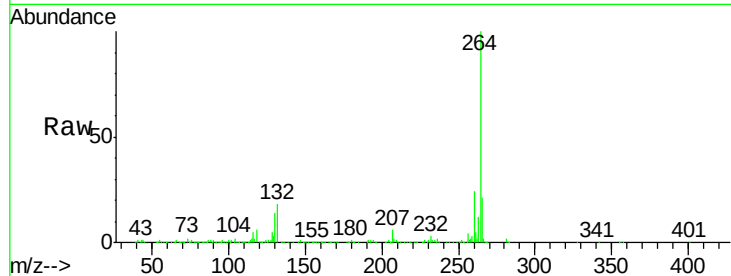
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.42 min Scan# 3474  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.5  | 27.7  |
| 265     | 21.0  | 16.6  | 25.0  |

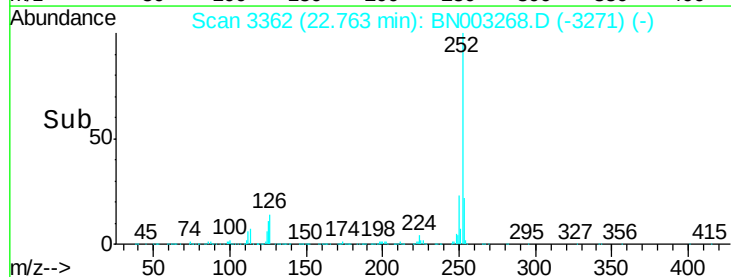
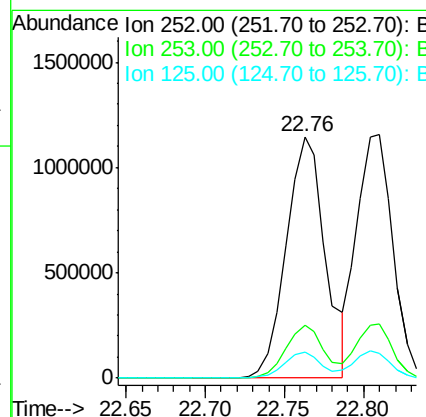
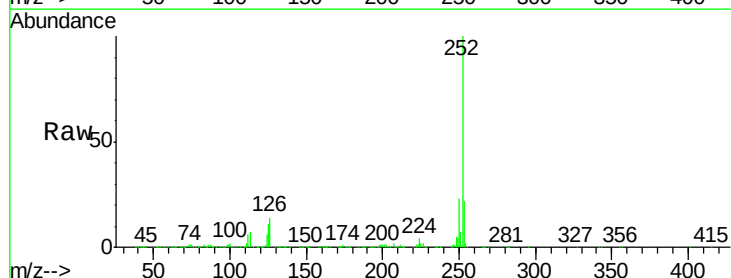
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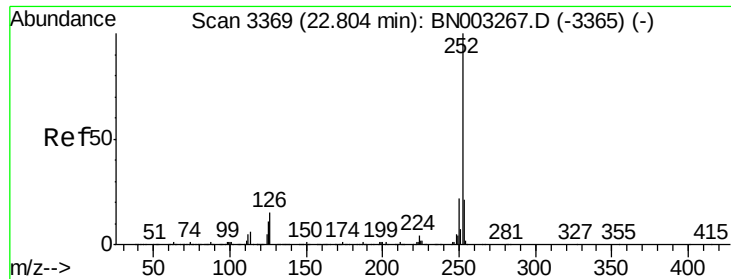


#88  
Benzo(b)fluoranthene  
Concen: 46.903 ng  
RT: 22.76 min Scan# 3362  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.8  | 26.6  |
| 125     | 10.9  | 8.6   | 12.8  |







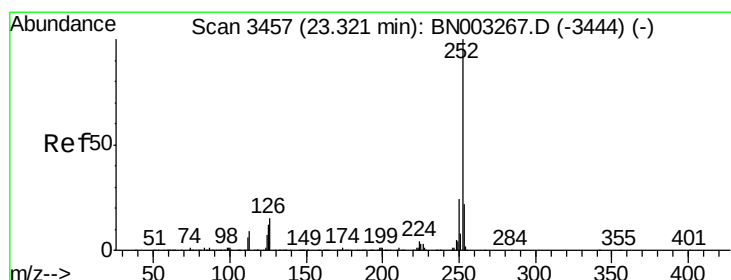
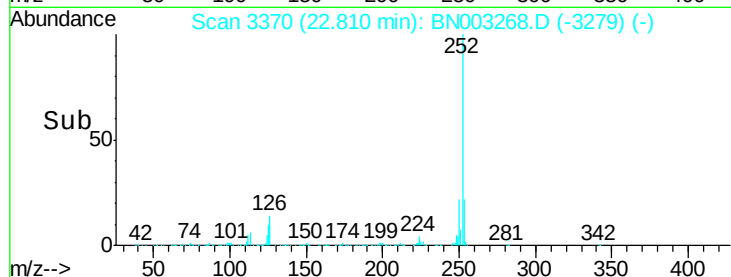
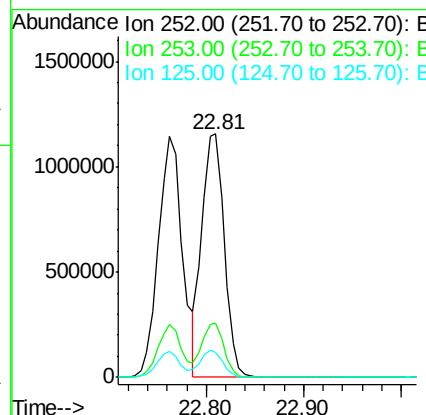
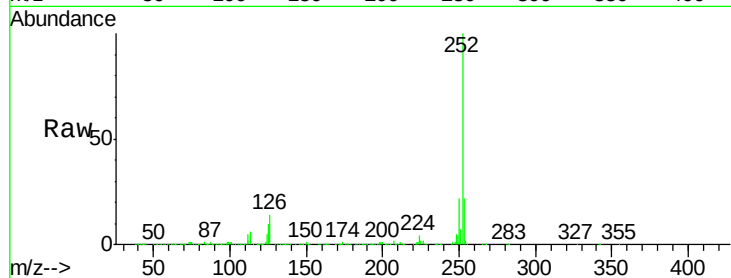
#89  
Benzo(k)fluoranthene  
Concen: 44.595 ng  
RT: 22.81 min Scan# 3370  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.4  | 26.0  |
| 125     | 10.3  | 8.7   | 13.1  |

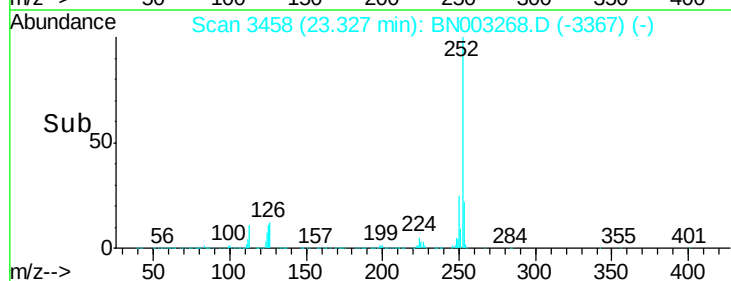
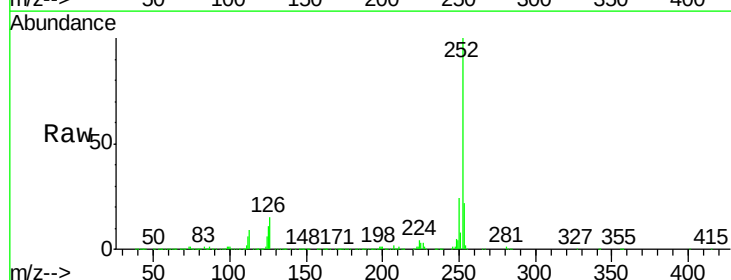
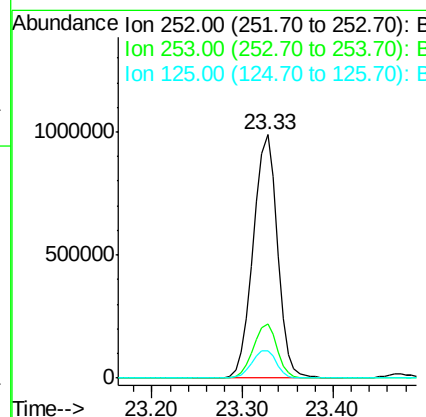
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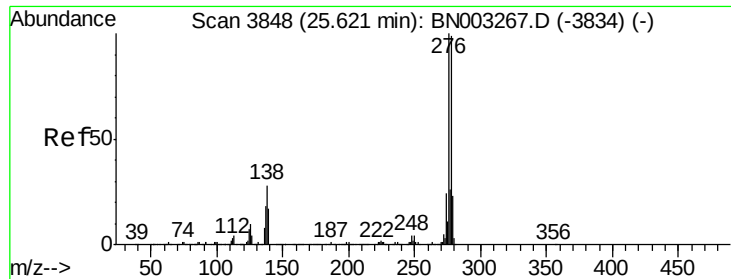
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#90  
Benzo(a)pyrene  
Concen: 47.156 ng  
RT: 23.33 min Scan# 3458  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.8  | 26.6  |
| 125     | 11.4  | 9.6   | 14.4  |





#91  
Dibenzo(a,h)anthracene  
Concen: 49.001 ng  
RT: 25.63 min Scan# 3850  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

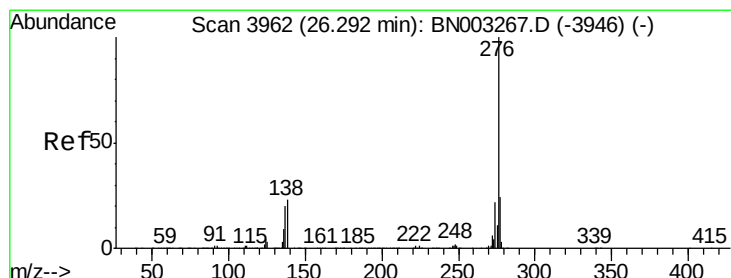
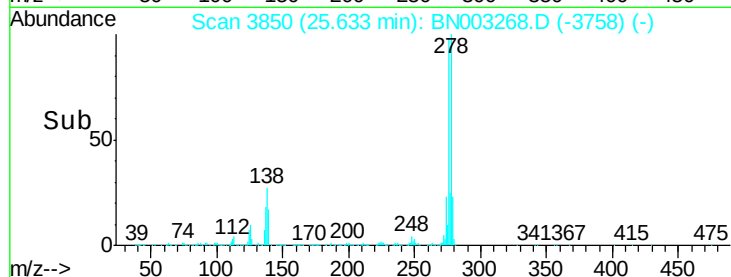
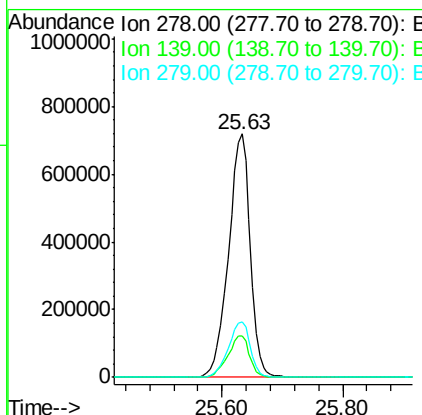
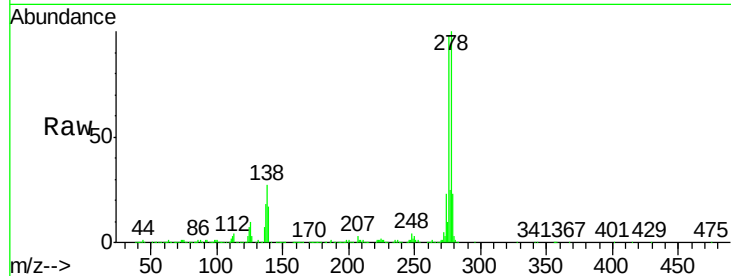
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

Tgt Ion: 278 Resp: 1793756  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 17.2  | 13.9  | 20.9  |
| 279 | 23.0  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 48.362 ng  
RT: 26.30 min Scan# 3963  
Delta R.T. 0.01 min  
Lab File: BN003268.D  
Acq: 24 Oct 2018 12:27

Tgt Ion: 276 Resp: 1710917  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.1  | 28.7  |
| 138 | 22.4  | 18.2  | 27.4  |

