

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\  
 Data File : BG043545.D  
 Acq On : 7 Nov 2019 18:51  
 Operator : JU  
 Sample : K5710-11MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

Manual Integrations  
 APPROVED

Sohil  
 11/8/2019 3:33:02 PM

Quant Time: Nov 08 04:45:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 31701    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 116691   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.64 | 164  | 82604    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 196047   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.65 | 240  | 212347   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.84 | 264  | 245248   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 207000 | 119.65 | ng | 0.02 |
| 7) Phenol-d6             | 7.22  | 99  | 293644 | 117.98 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 9.17  | 82  | 174564 | 77.12  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.13 | 330 | 172041 | 109.44 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.26 | 172 | 438710 | 73.39  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.99 | 244 | 855848 | 75.61  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 23572  | 34.965 | ng | 96     |
| 3) Pyridine                    | 3.87  | 79  | 61681  | 36.270 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 36118  | 42.089 | ng | # 96   |
| 6) Aniline                     | 7.34  | 93  | 53240  | 18.568 | ng | 97     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 83706  | 43.832 | ng | 99     |
| 9) Benzaldehyde                | 7.15  | 77  | 42160  | 34.466 | ng | 89     |
| 10) Phenol                     | 7.24  | 94  | 109015 | 47.930 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 67704  | 38.501 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 93978  | 39.277 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 95847  | 39.593 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 91620  | 38.762 | ng | 93     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 73930  | 42.293 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 93084  | 36.404 | ng | 98     |
| 17) 2-Methylphenol             | 8.48  | 107 | 69123  | 41.688 | ng | 94     |
| 18) Hexachloroethane           | 9.09  | 117 | 32986  | 37.767 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 60723  | 37.754 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 94070  | 41.374 | ng | # 85   |
| 22) Acetophenone               | 8.83  | 105 | 118620 | 39.694 | ng | # 91   |
| 24) Nitrobenzene               | 9.21  | 77  | 92505  | 42.902 | ng | # 98   |
| 25) Isophorone                 | 9.73  | 82  | 169339 | 40.921 | ng | 96     |
| 26) 2-Nitrophenol              | 9.93  | 139 | 47802  | 45.921 | ng | # 92   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 77937  | 52.237 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 93001  | 40.719 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 87593  | 45.821 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 99050  | 41.110 | ng | 97     |
| 31) Naphthalene                | 10.86 | 128 | 259095 | 43.743 | ng | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 43436  | 39.989 | ng | 96     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 28048  | 11.552 | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 69254  | 38.883 | ng | 96     |
| 35) Caprolactam                | 11.75 | 113 | 28393m | 43.126 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 94013  | 45.086 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 195647 | 43.049 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 183817 | 42.509 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 124567 | 40.747 | ng | 98     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

Manual Integrations  
 APPROVED

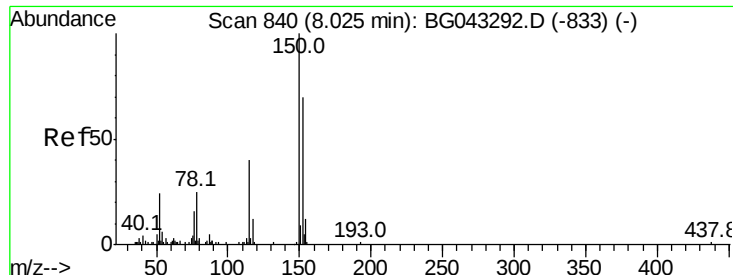
Sohil  
 11/8/2019 3:33:02 PM

Quant Time: Nov 08 04:45:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 122287   | 76.149 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 81538    | 45.291 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 84423    | 46.384 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 13.47 | 154  | 259213   | 41.249 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.52 | 162  | 200461   | 41.926 | nq    | 97       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 60769    | 42.524 | nq    | 95       |
| 49) Acenaphthylene             | 14.36 | 152  | 325377   | 43.725 | nq    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 312049   | 48.771 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 60092    | 43.231 | nq    | 96       |
| 52) Acenaphthene               | 14.70 | 154  | 192243   | 42.362 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 21962    | 16.365 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 61950    | 72.157 | nq    | 96       |
| 55) Dibenzofuran               | 15.04 | 168  | 318620   | 43.295 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 85711    | 95.305 | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 85127    | 42.853 | nq    | # 98     |
| 58) Fluorene                   | 15.68 | 166  | 268537   | 43.507 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 85740    | 44.338 | nq    | 96       |
| 60) Diethylphthalate           | 15.45 | 149  | 263881   | 41.046 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 149959   | 41.646 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.72 | 138  | 55988    | 40.396 | nq    | 98       |
| 63) Azobenzene                 | 15.97 | 77   | 223630   | 42.981 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 51947    | 45.025 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.89 | 169  | 236707   | 42.766 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 106665   | 40.429 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 120311   | 39.726 | nq    | 99       |
| 69) Atrazine                   | 16.84 | 200  | 102342   | 53.213 | nq    | 96       |
| 70) Pentachlorophenol          | 17.05 | 266  | 108087   | 78.325 | nq    | 94       |
| 71) Phenanthrene               | 17.43 | 178  | 426463   | 42.480 | nq    | 100      |
| 72) Anthracene                 | 17.52 | 178  | 443671   | 44.172 | nq    | 99       |
| 73) Carbazole                  | 17.79 | 167  | 399999   | 43.976 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 466900   | 42.305 | nq    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 572731   | 43.760 | nq    | 99       |
| 77) Benzidine                  | 19.62 | 184  | 189418   | 44.323 | nq    | 99       |
| 78) Pyrene                     | 19.80 | 202  | 576306   | 43.845 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 216597   | 43.496 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 593654   | 44.631 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 105677   | 20.541 | nq    | 99       |
| 83) Chrysene                   | 21.70 | 228  | 565814   | 42.813 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 312423   | 44.166 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.73 | 149  | 521592   | 43.462 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.49 | 276  | 715677   | 43.141 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.83 | 252  | 595562   | 42.877 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.90 | 252  | 615529   | 44.019 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 562380   | 42.399 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.54 | 278  | 614179   | 45.270 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.62 | 276  | 605903   | 45.275 | nq    | 99       |

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





#1

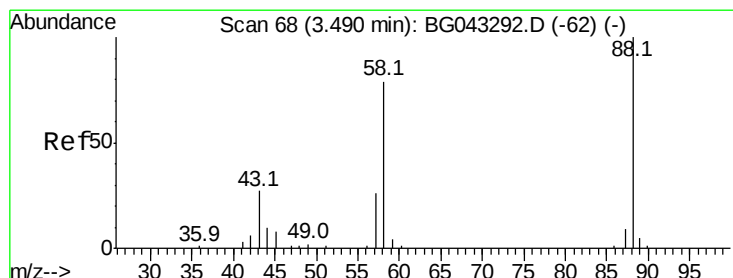
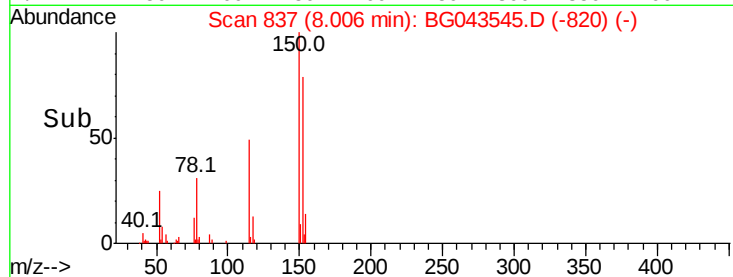
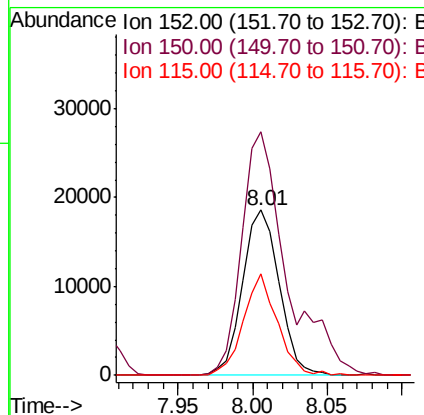
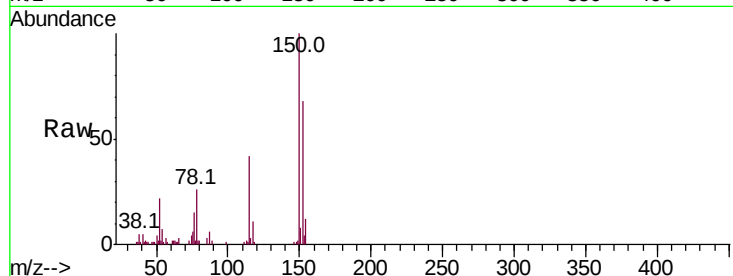
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.2 | 129.4 | 194.0 |
| 115     | 61.3  | 48.8  | 73.2  |

Manual Integrations  
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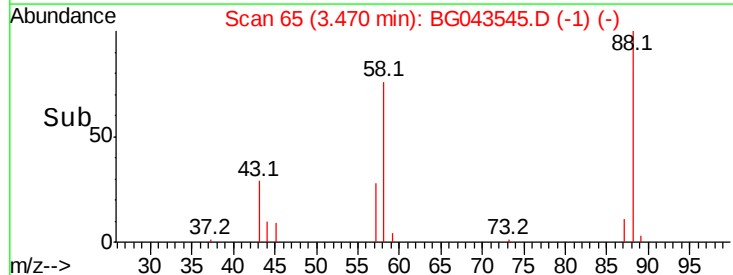
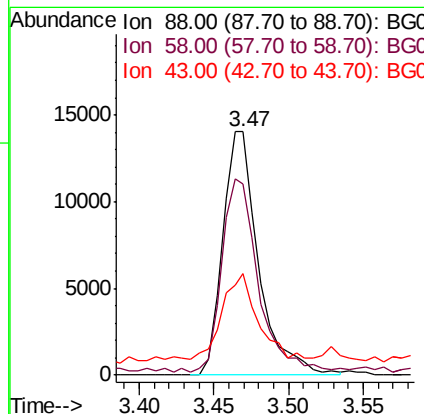
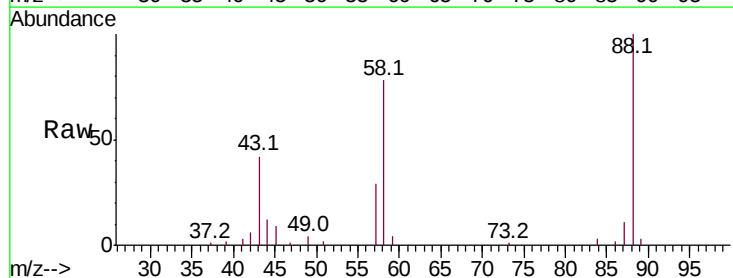
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11/8/2019 3:33:02 PM

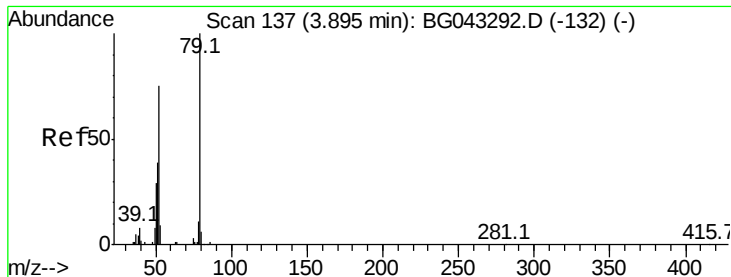


#2

1,4-Dioxane  
Concen: 34.965 ng  
RT: 3.47 min Scan# 65  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.7  | 62.7  | 94.1  |
| 43      | 34.5  | 23.7  | 35.5  |





#3

Pvridine

Concen: 36.270 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

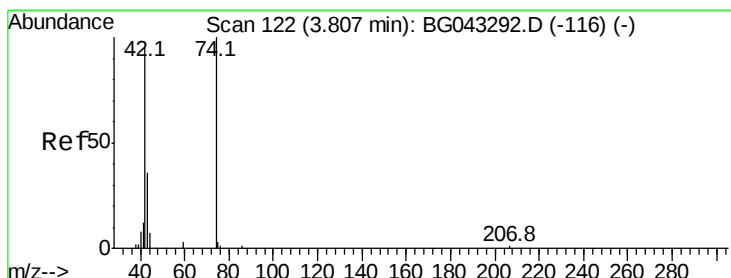
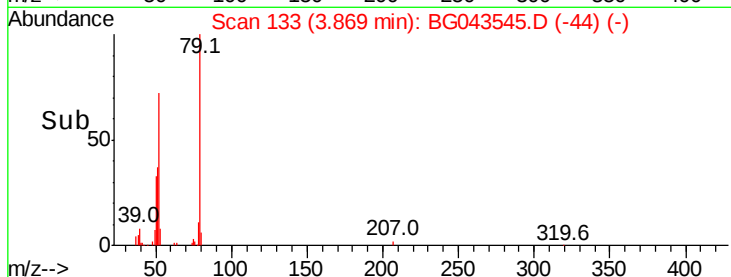
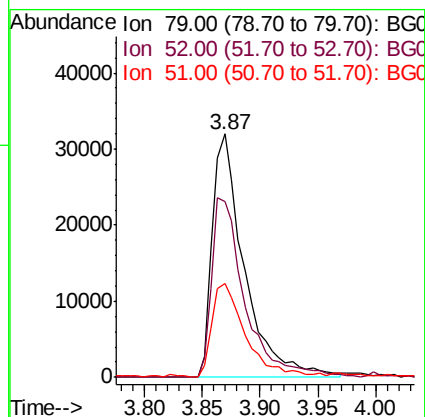
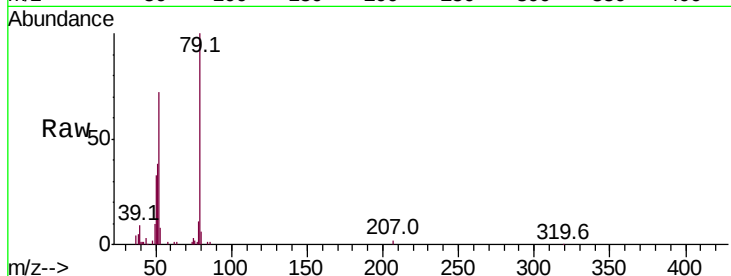
ClientSampleId :

TP- 32-DMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 61681 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 72.0  | 56.5  | 84.7  |
| 51        | 38.4  | 33.2  | 49.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 42.089 ng

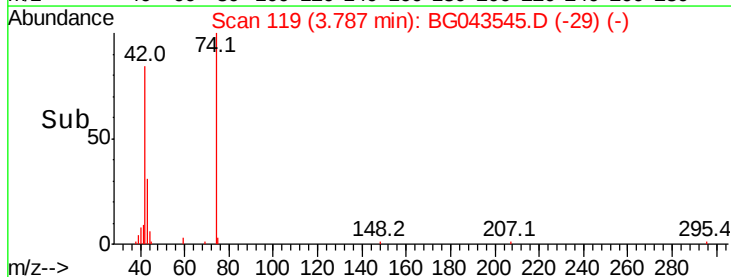
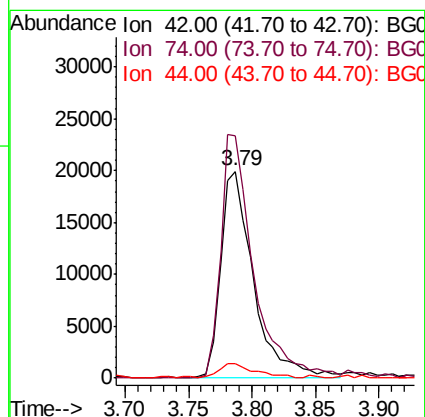
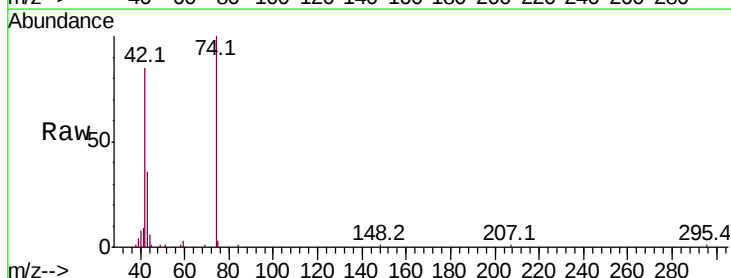
RT: 3.79 min Scan# 119

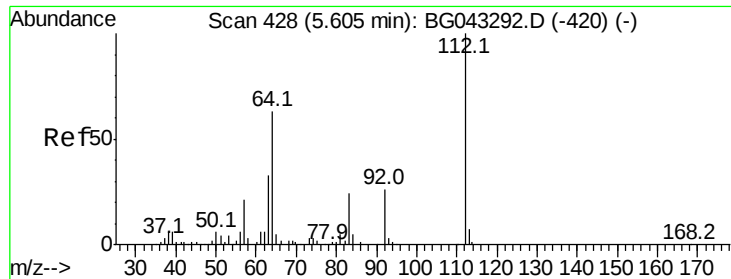
Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 36118 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 117.1 | 97.3  | 145.9 |
| 44        | 7.2   | 4.4   | 6.6#  |





#5

2-Fluorophenol

Concen: 119.654 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

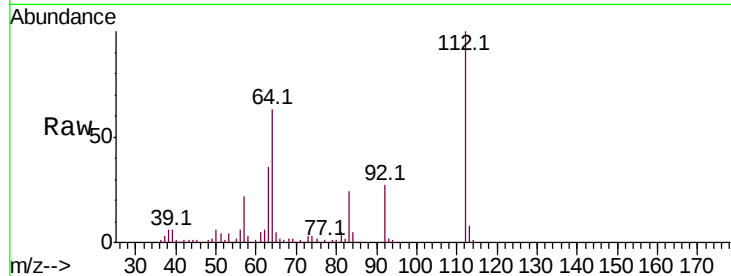
ClientSampleId :

TP- 32-DMSD

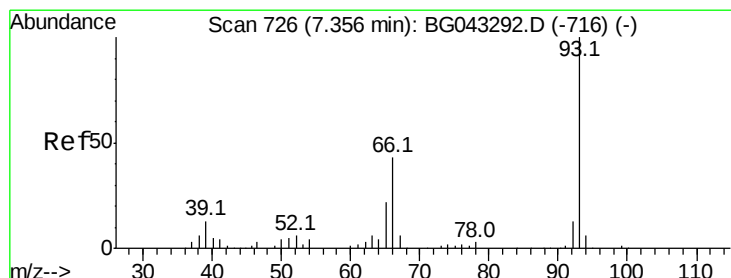
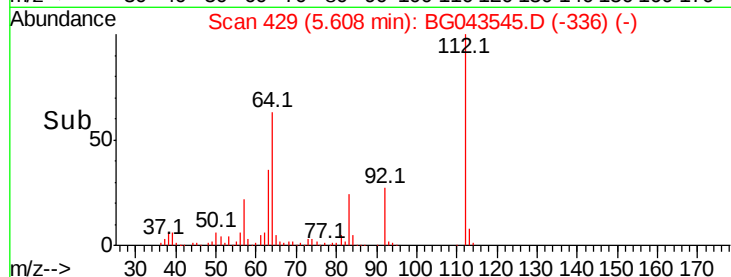
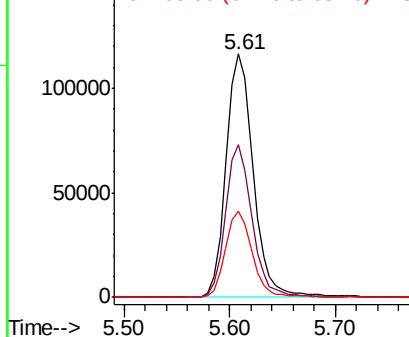
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 207000 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.8  | 50.0  | 75.0   |
| 63        | 35.6  | 26.6  | 40.0   |

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



#6

Aniline

Concen: 18.568 ng

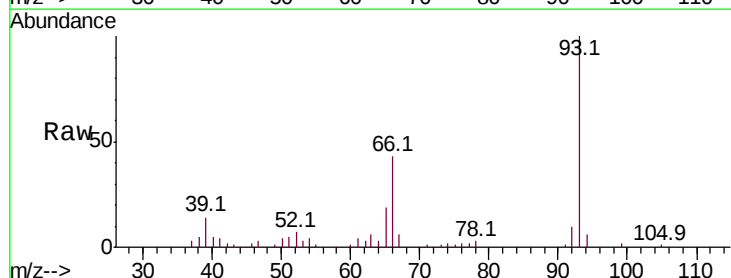
RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

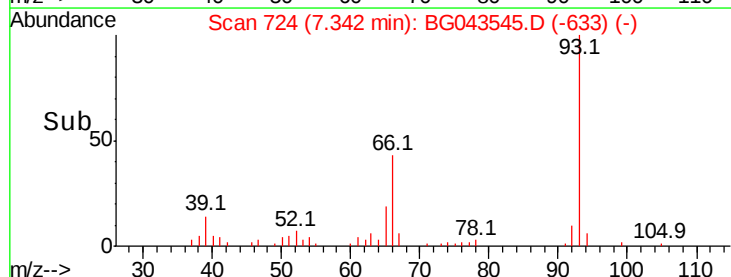
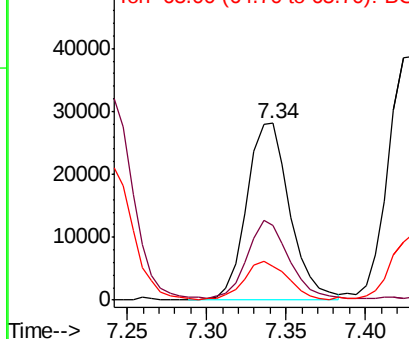
Lab File: BG043545.D

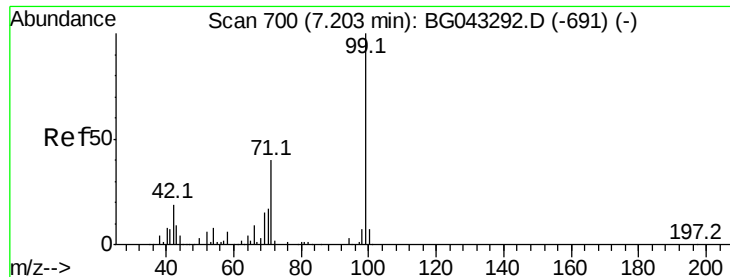
Acq: 7 Nov 2019 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 53240 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 42.5  | 32.3  | 48.5  |
| 65        | 19.2  | 16.1  | 24.1  |



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





#7

Phenol-d6

Concen: 117.975 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

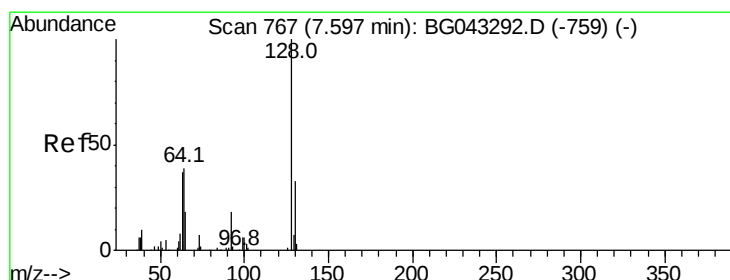
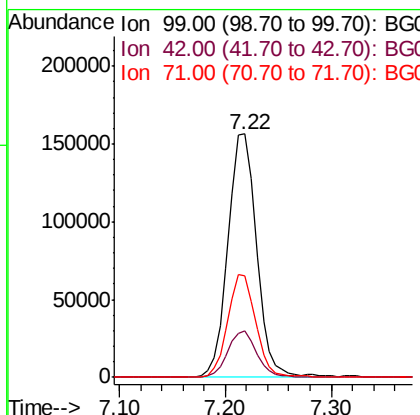
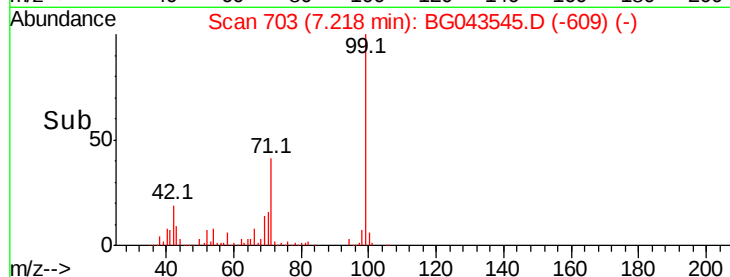
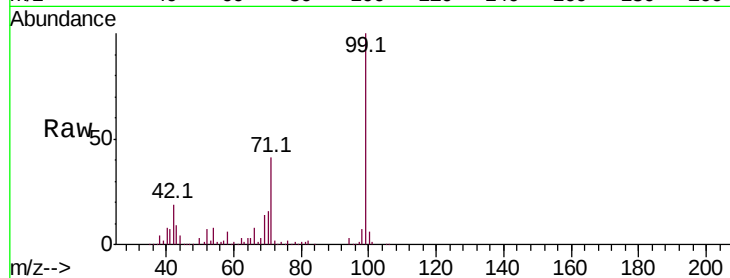
ClientSampleId :

TP- 32-DMSD

| Tot Ion   | 99    | Resp  | 293644 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.1  | 14.6  | 21.8   |
| 71        | 41.5  | 32.5  | 48.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.832 ng

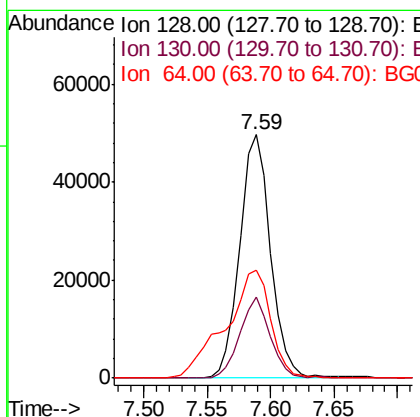
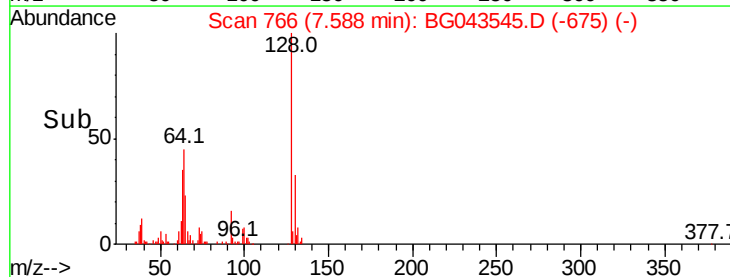
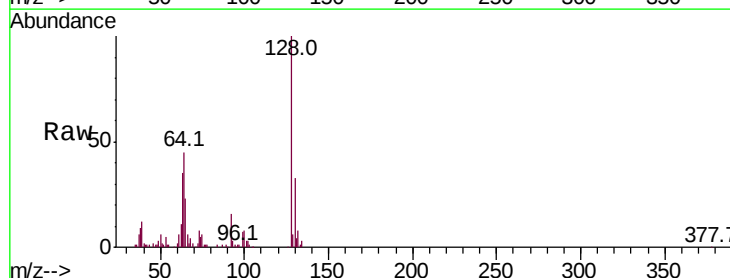
RT: 7.59 min Scan# 766

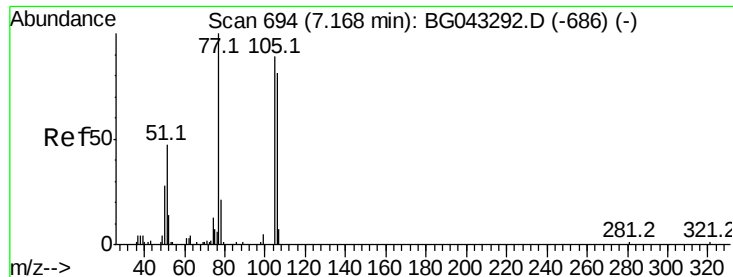
Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

| Tgt Ion   | 128   | Resp  | 83706 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.3  | 12.5  | 52.5  |
| 64        | 44.5  | 25.3  | 65.3  |





#9

Benzaldehyde

Concen: 34.466 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

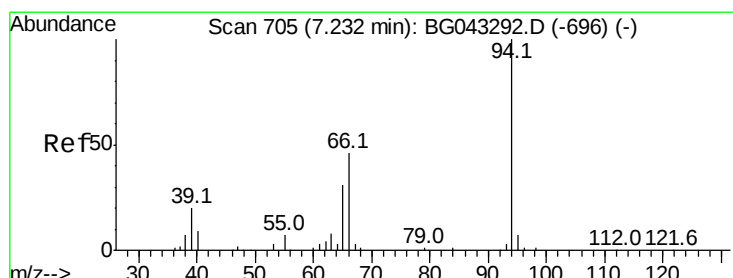
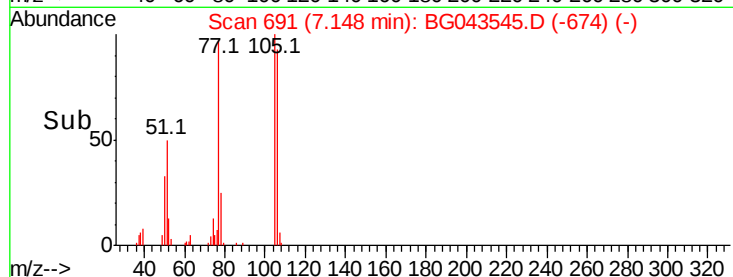
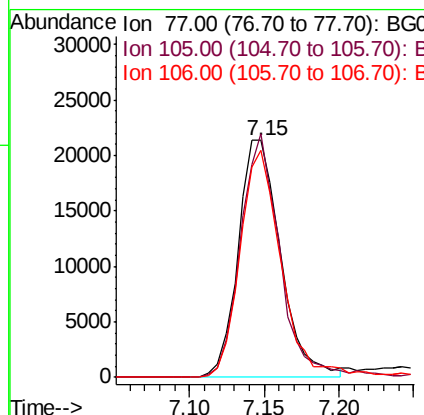
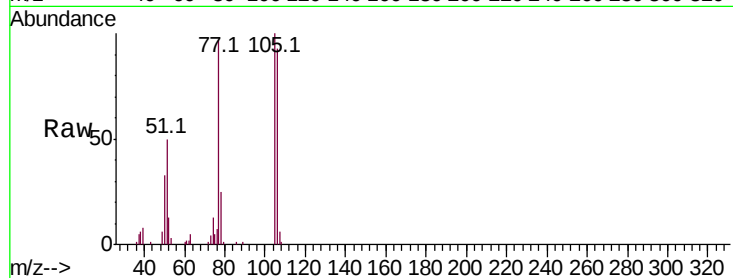
ClientSampleId :

TP- 32-DMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 42160 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.7 | 68.6  | 108.6 |
| 106      | 95.7  | 69.9  | 109.9 |

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#10

Phenol

Concen: 47.930 ng

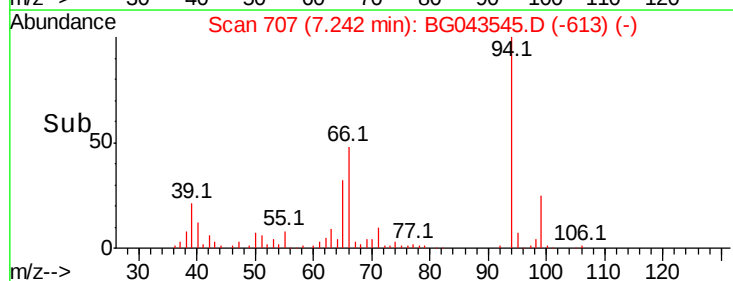
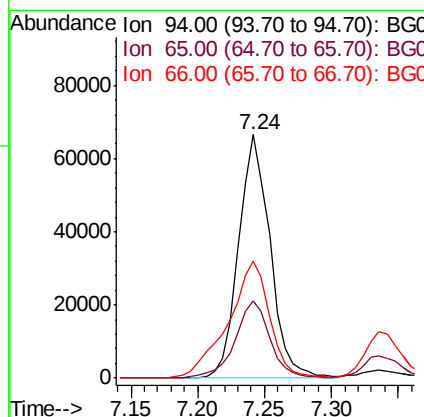
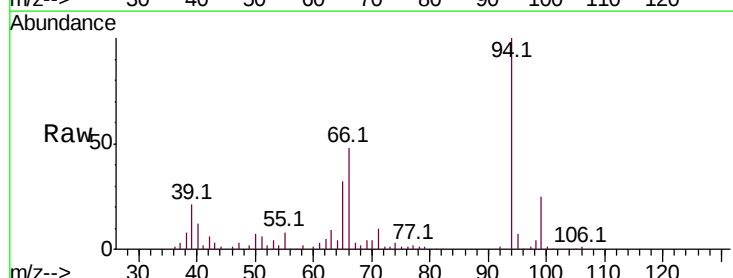
RT: 7.24 min Scan# 707

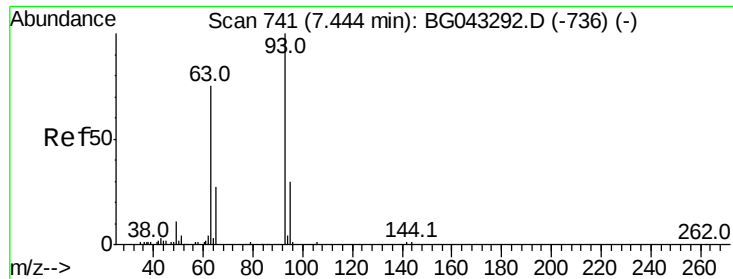
Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 109015 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.6  | 12.6  | 52.6   |
| 66       | 48.1  | 30.7  | 70.7   |





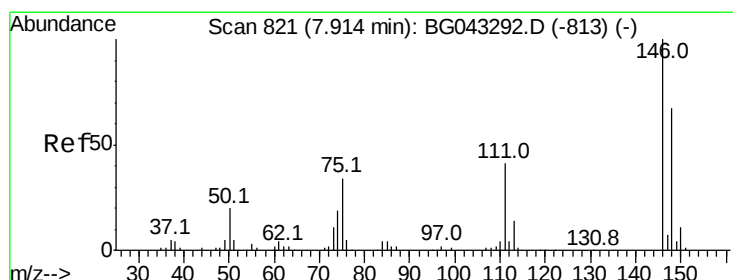
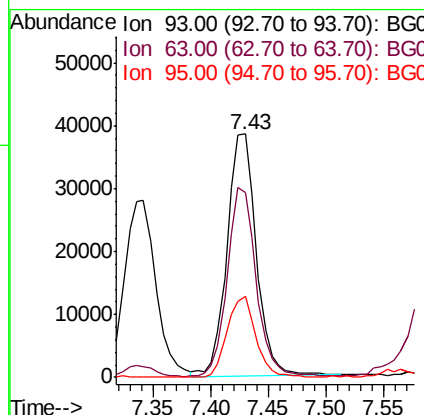
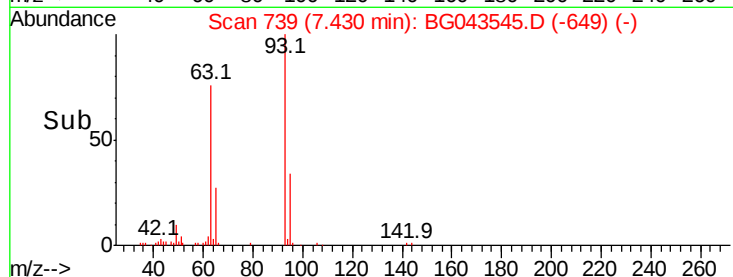
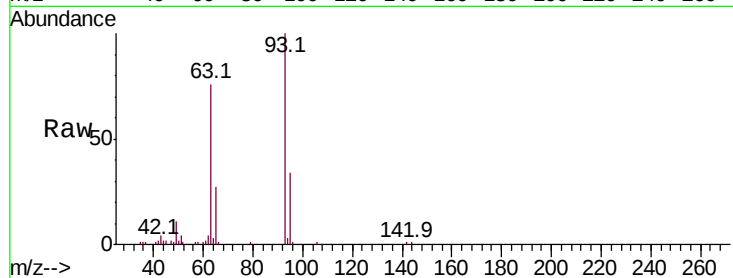
#11  
bis(2-Chloroethyl)ether  
Concen: 38.501 ng  
RT: 7.43 min Scan# 739  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.1  | 56.3  | 96.3  |
| 95      | 33.5  | 12.2  | 52.2  |

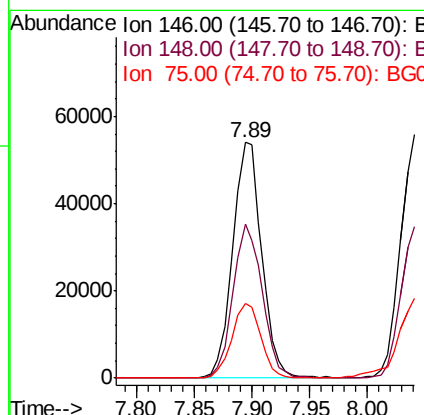
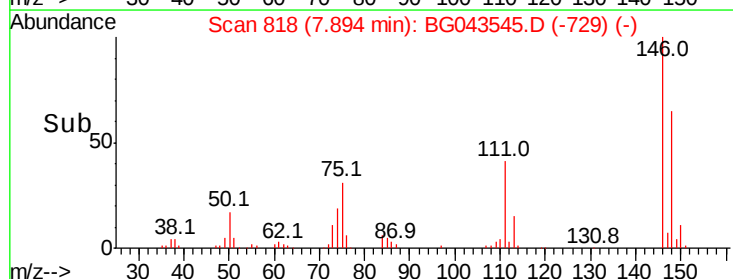
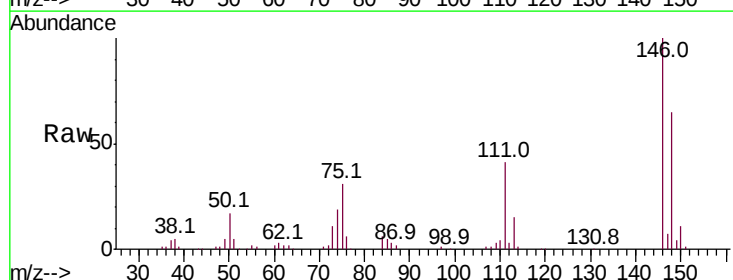
Manual Integrations  
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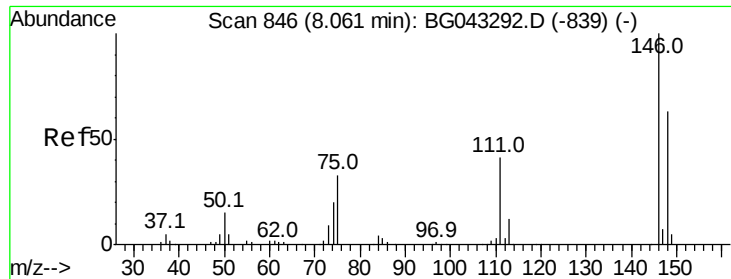
Sohil  
11/8/2019 3:33:02 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.277 ng  
RT: 7.89 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 50.3  | 75.5  |
| 75      | 31.4  | 24.6  | 37.0  |





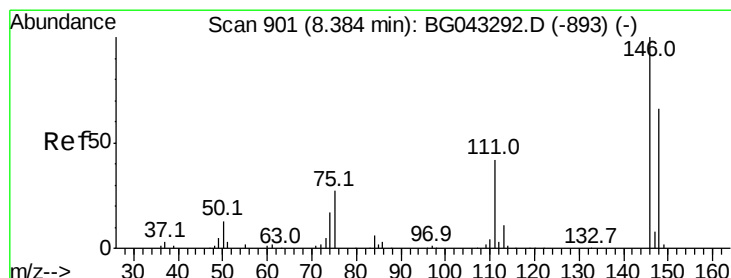
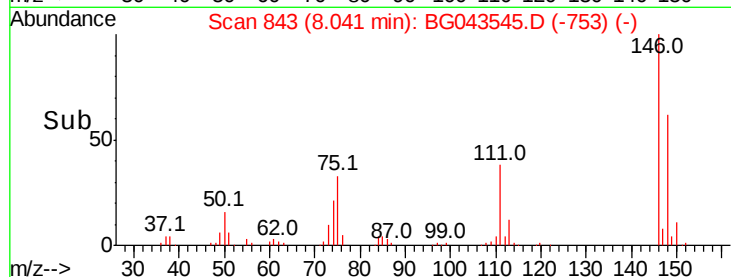
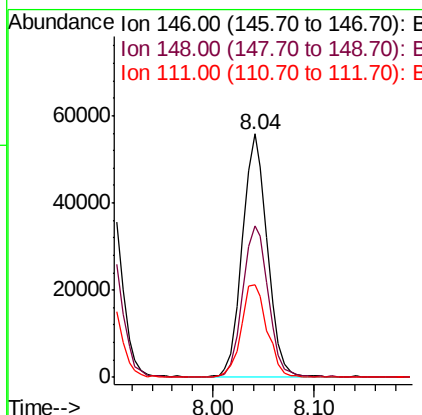
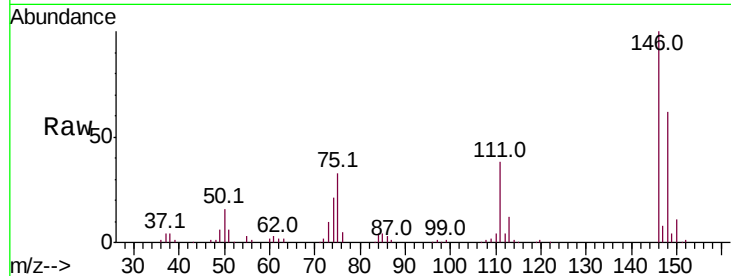
#13  
 1,4-Dichlorobenzene  
 Concen: 39.593 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 50.7  | 76.1  |
| 111     | 37.9  | 33.4  | 50.2  |

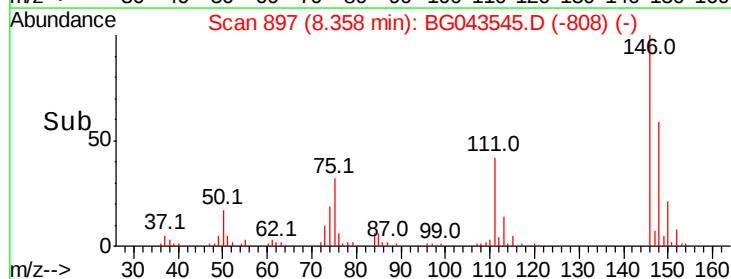
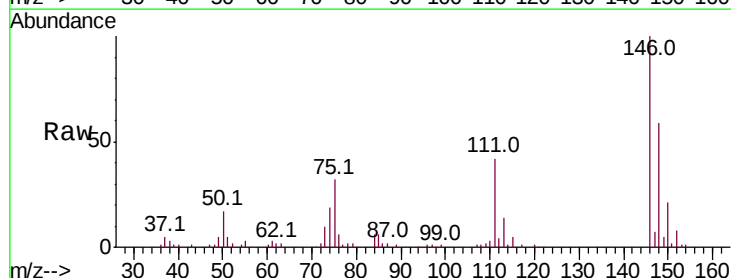
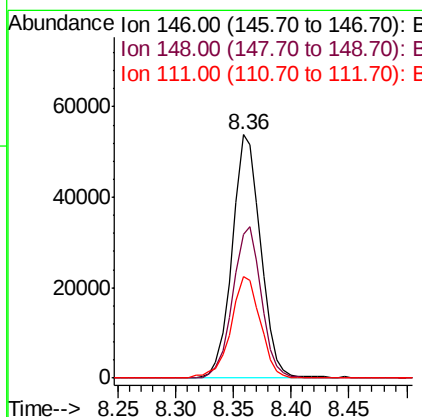
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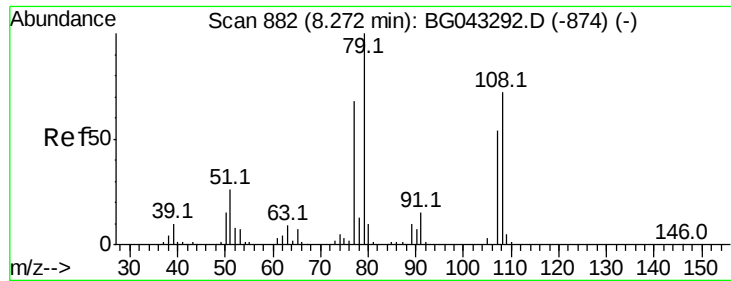
Sohil  
 11/8/2019 3:33:02 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.762 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.3  | 53.2  | 79.8  |
| 111     | 41.8  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 42.293 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

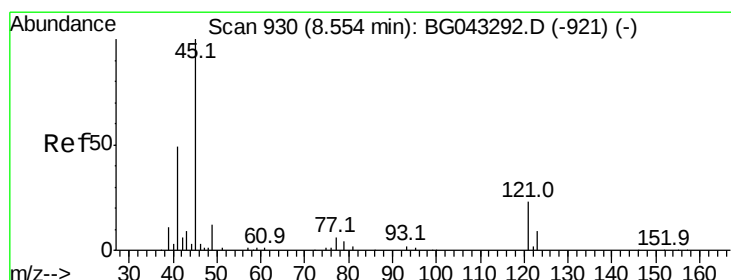
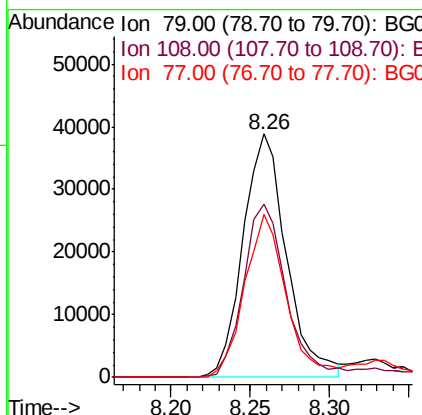
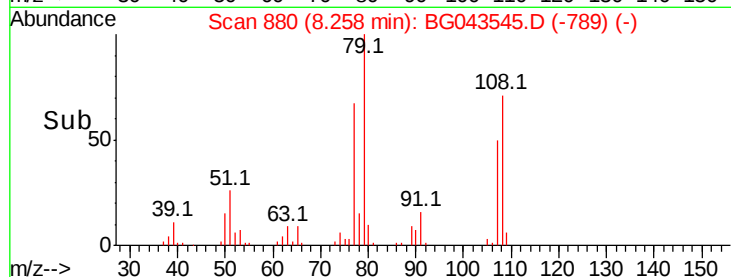
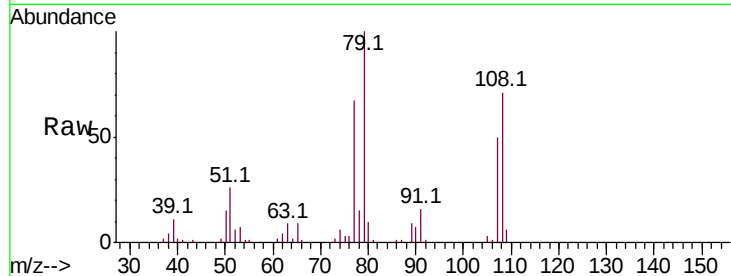
ClientSampled :

TP- 32-DMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 73930 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 71.2  | 53.6  | 80.4  |
| 77        | 66.8  | 49.6  | 74.4  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.404 ng

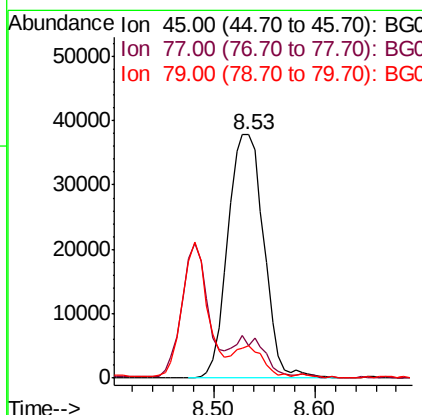
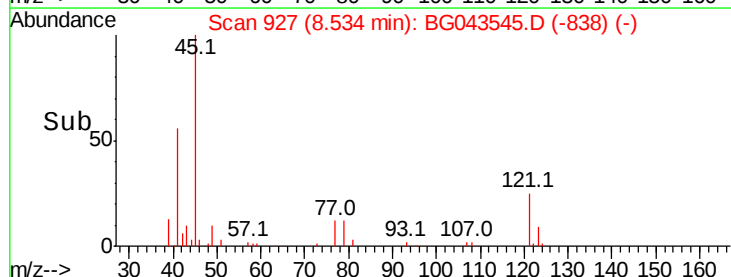
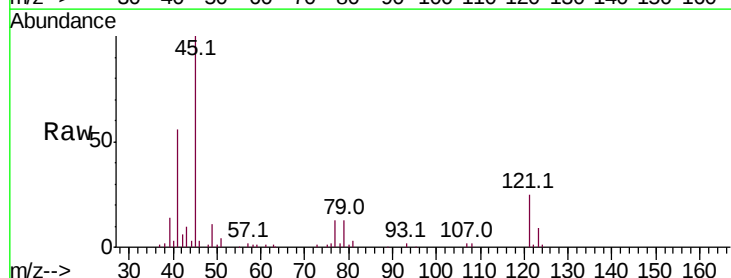
RT: 8.53 min Scan# 927

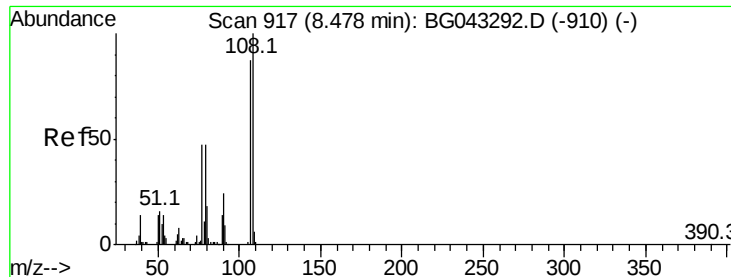
Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 93084 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 13.3  | 0.0   | 34.9  |
| 79        | 13.2  | 0.0   | 33.0  |





#17

2-Methylphenol

Concen: 41.688 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

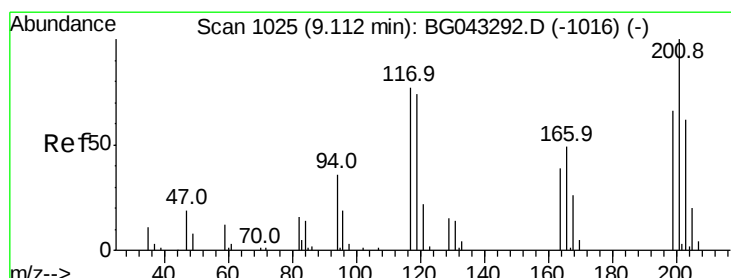
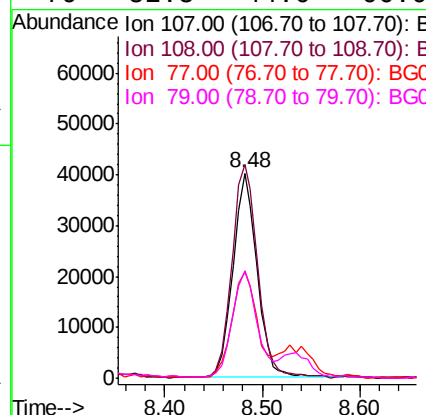
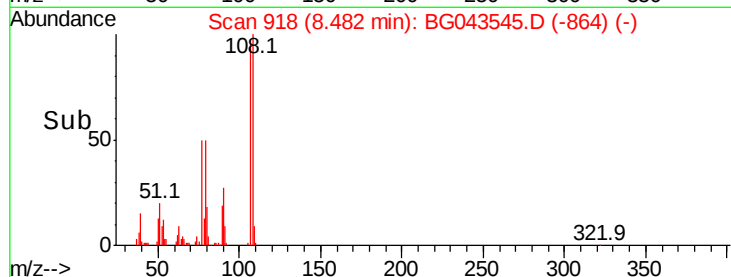
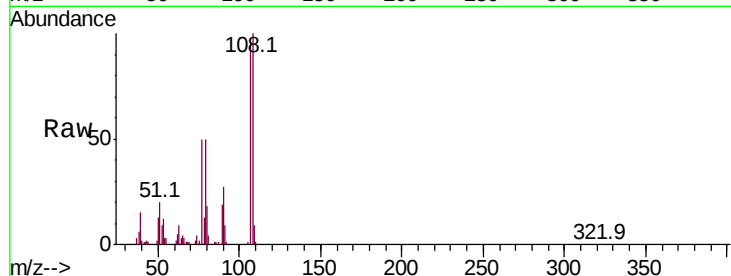
ClientSampleId :

TP- 32-DMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 69123 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 104.1 | 90.2  | 135.4 |
| 77        | 52.1  | 40.2  | 60.2  |
| 79        | 52.5  | 44.0  | 66.0  |

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#18

Hexachloroethane

Concen: 37.767 ng

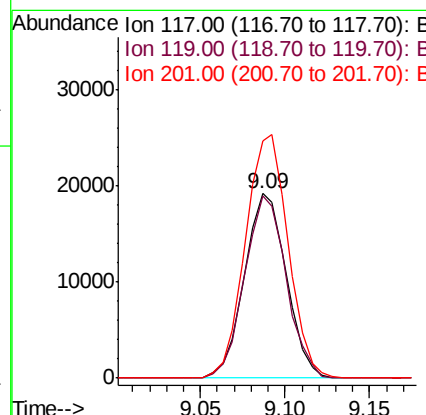
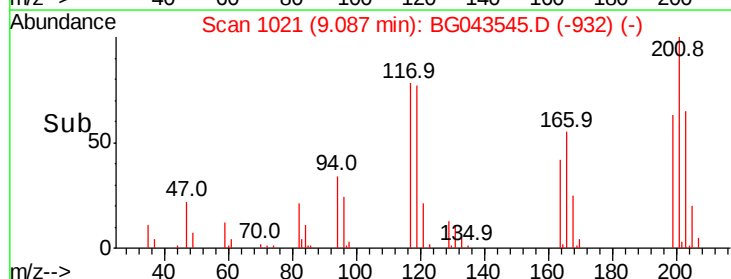
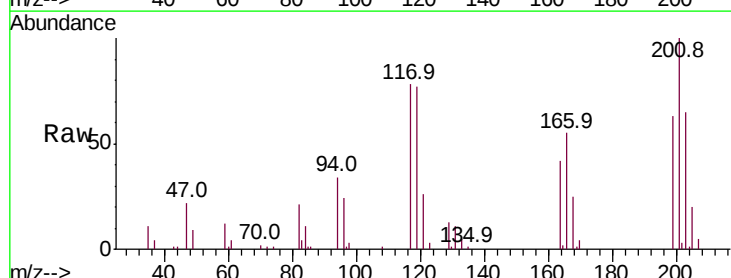
RT: 9.09 min Scan# 1021

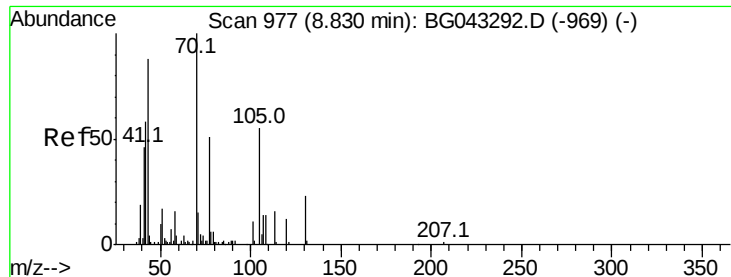
Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 32986 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.0  | 79.0  | 118.4 |
| 201       | 128.6 | 105.4 | 158.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 37.754 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG043545.D

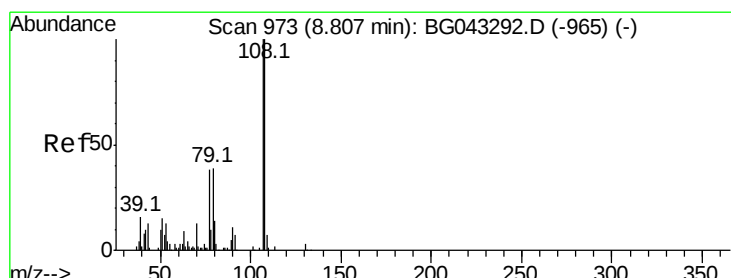
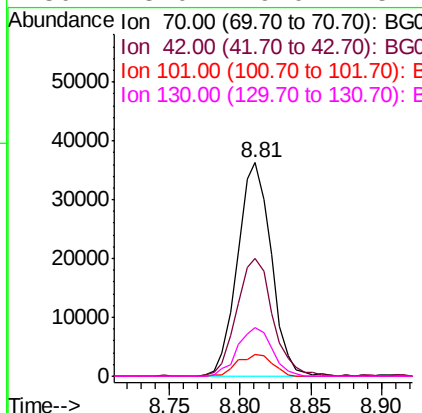
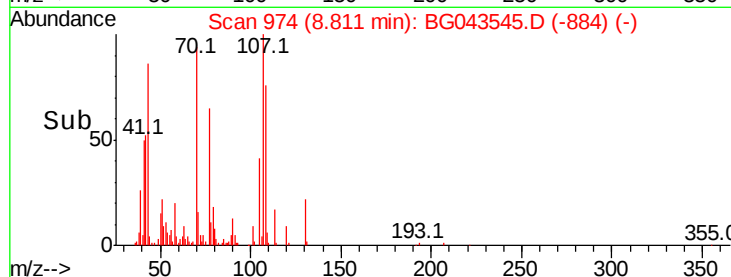
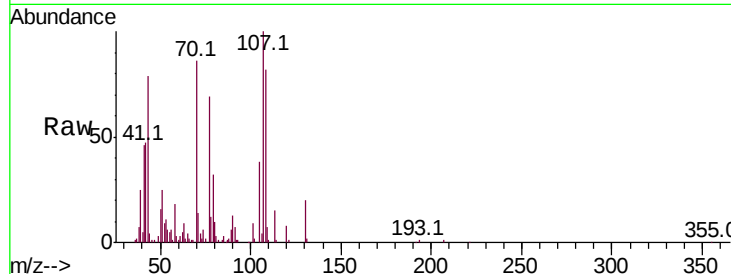
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 54.9 | 41.4  | 62.2  |       |
| 101     | 10.0 | 7.9   | 11.9  |       |
| 130     | 23.0 | 19.0  | 28.4  |       |

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11/8/2019 3:33:02 PM



#20

3+4-Methylphenols

Concen: 41.374 ng

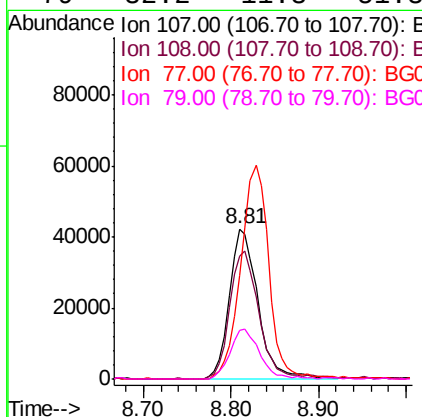
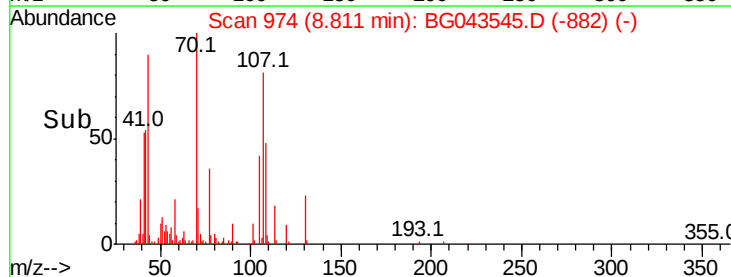
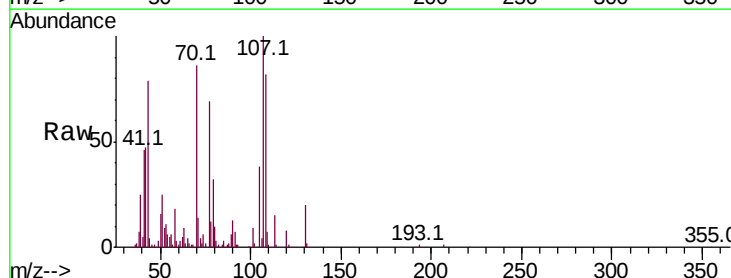
RT: 8.81 min Scan# 974

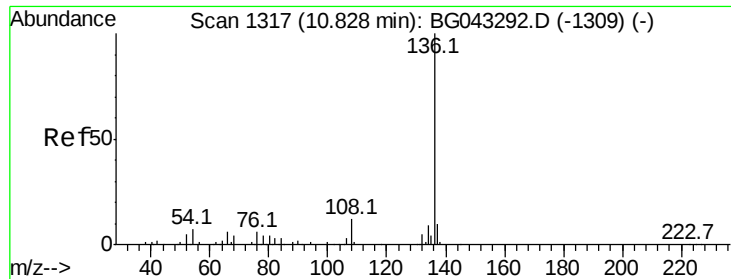
Delta R.T. 0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 82.1 | 66.6  | 106.6 |       |
| 77      | 69.4 | 20.9  | 60.9  |       |
| 79      | 32.2 | 11.3  | 51.3  |       |





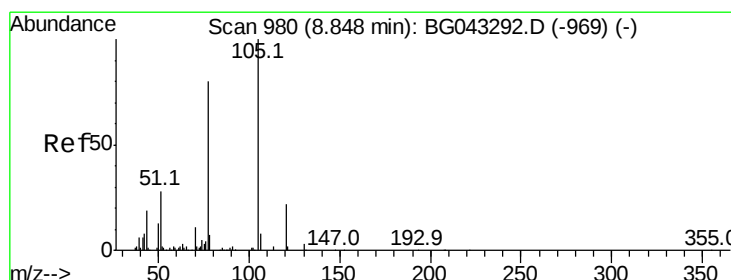
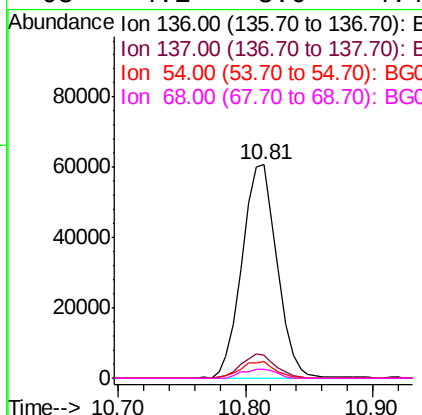
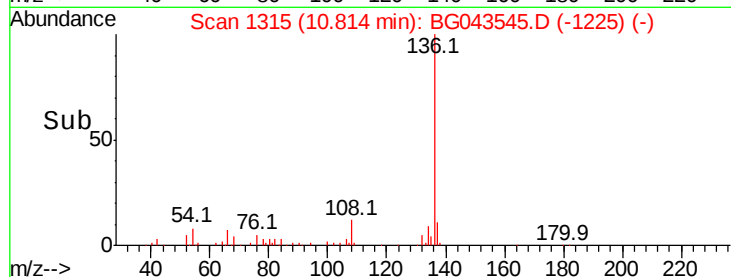
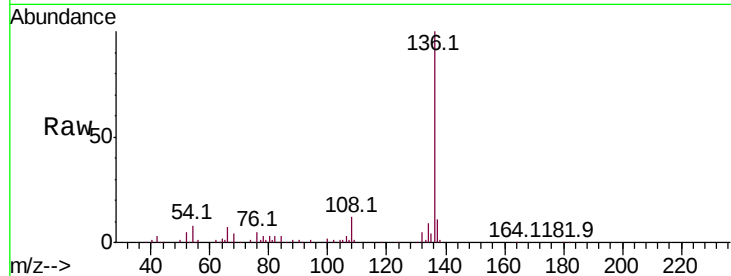
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 116691 |       |       |
| 137     | 10.8  | 8.7    | 13.1  |       |
| 54      | 7.6   | 5.4    | 8.2   |       |
| 68      | 4.1   | 3.0    | 4.4   |       |

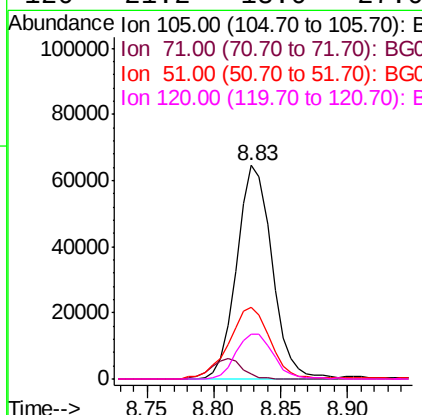
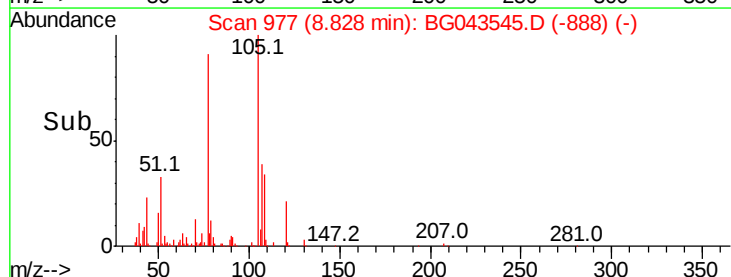
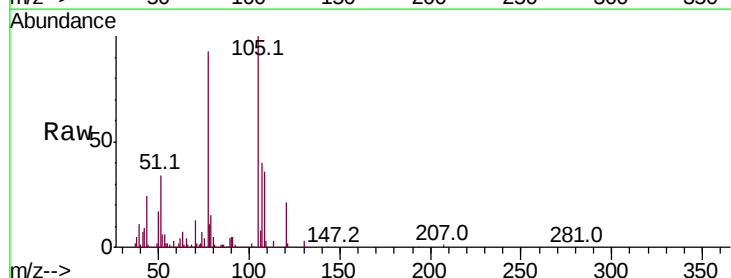
Manual Integrations  
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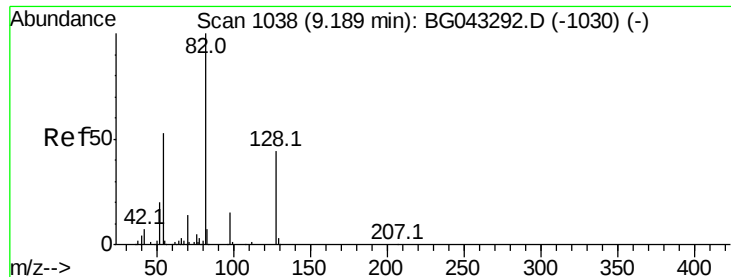
Sohil  
11/8/2019 3:33:02 PM



#22  
Acetophenone  
Concen: 39.694 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 118620 |       |       |
| 71      | 2.4   | 0.8    | 1.2#  |       |
| 51      | 33.8  | 21.0   | 31.4# |       |
| 120     | 21.2  | 18.0   | 27.0  |       |





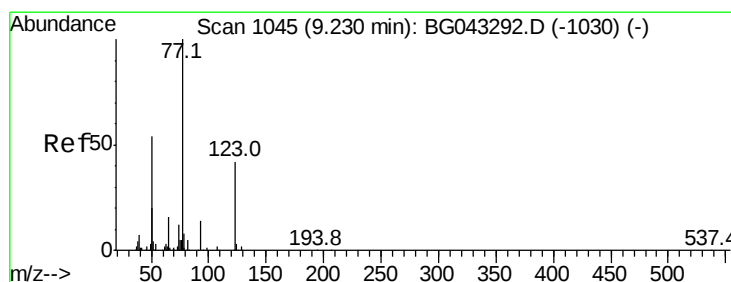
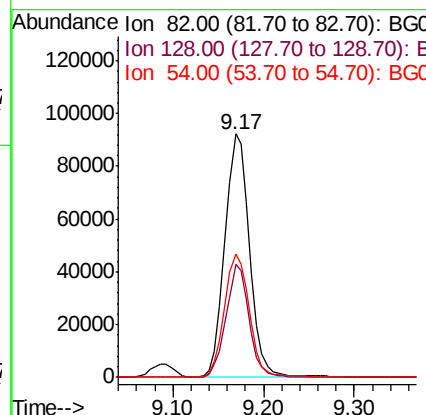
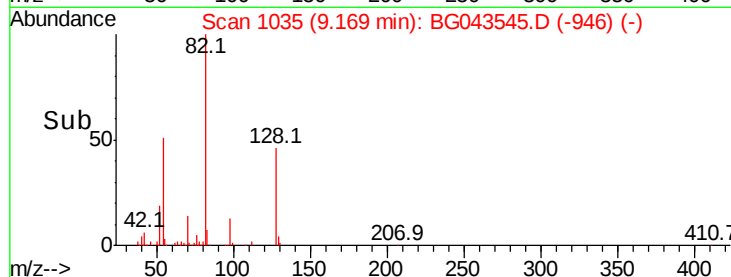
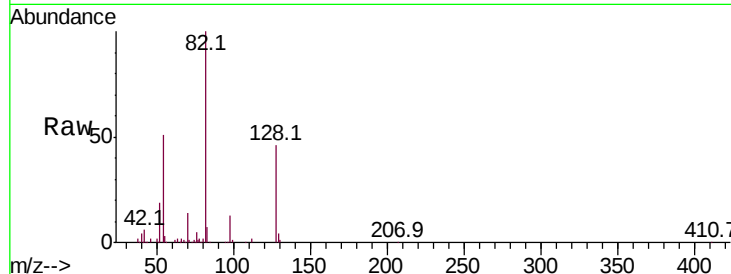
#23  
 Nitrobenzene-d5  
 Concen: 77.123 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.2  | 35.0  | 52.6  |
| 54      | 50.9  | 40.2  | 60.2  |

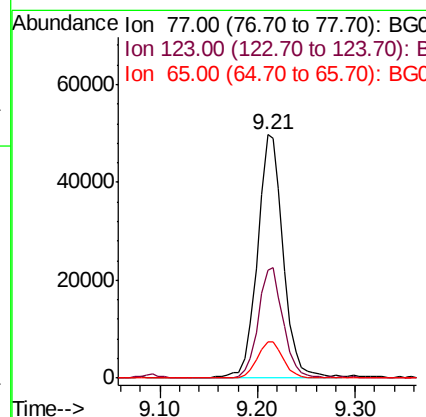
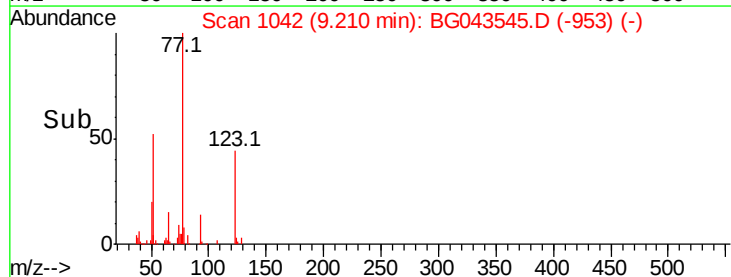
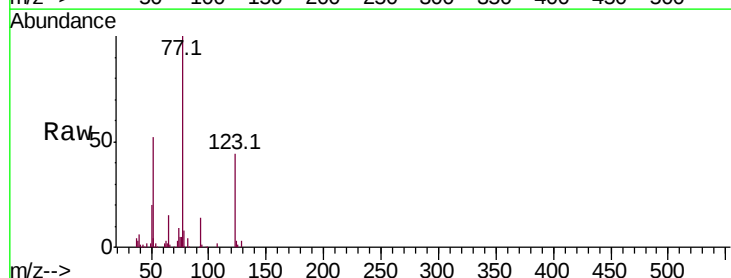
Manual Integrations  
 APPROVED

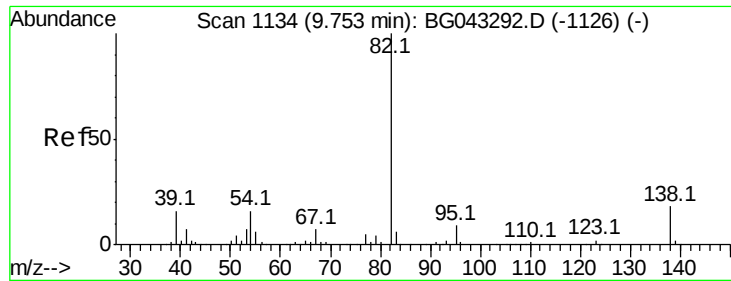
Sohil  
 11/8/2019 3:33:02 PM



#24  
 Nitrobenzene  
 Concen: 42.902 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.4  | 35.0  | 52.6  |
| 65      | 14.8  | 9.5   | 14.3# |





#25

Isophorone

Concen: 40.921 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

ClientSampleId :

TP- 32-DMSD

Tot Ion: 82 Resp: 169339

Ion Ratio Lower Upper

82 100

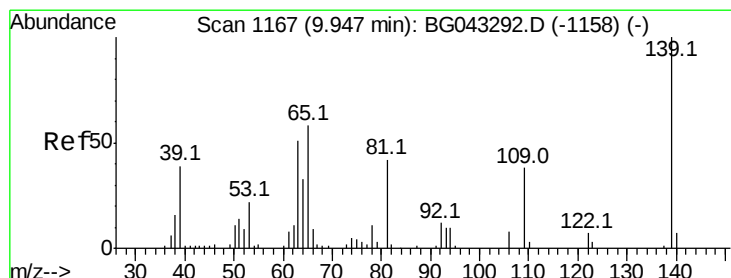
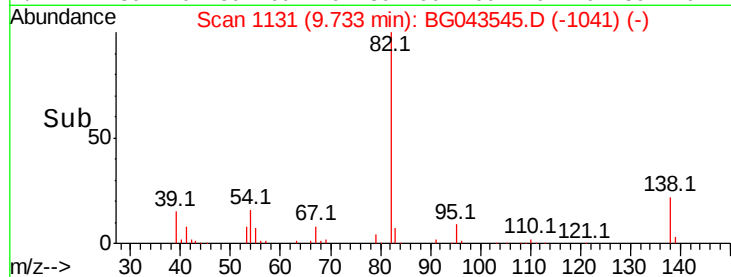
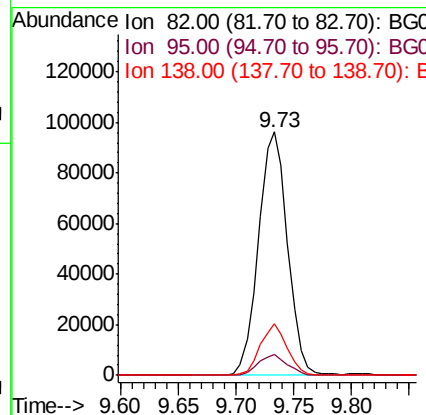
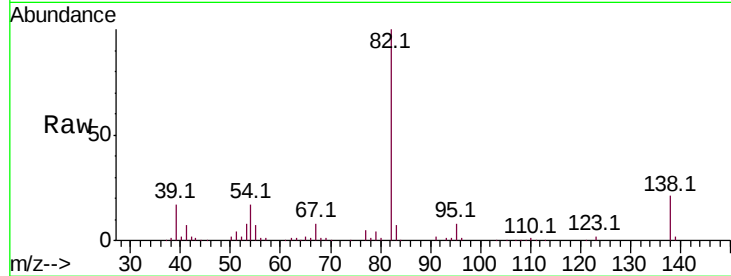
95 8.5 6.6 9.8

138 21.2 15.2 22.8

Manual Integrations  
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Sohil

11/8/2019 3:33:02 PM



#26

2-Nitrophenol

Concen: 45.921 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

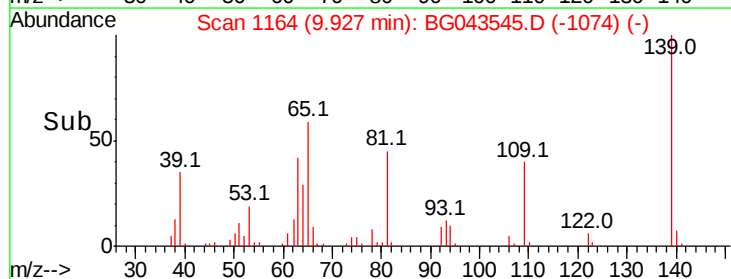
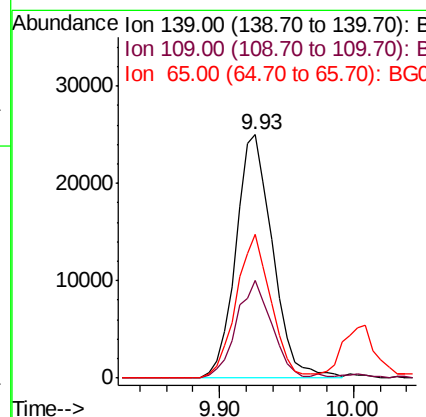
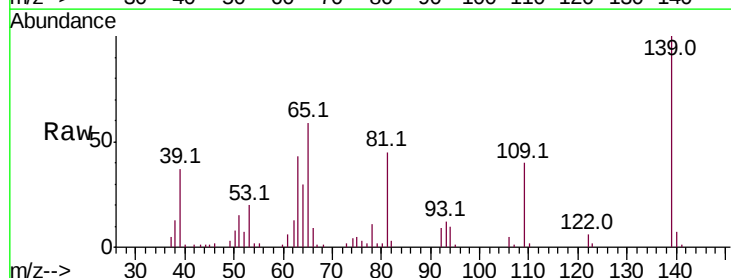
Tgt Ion: 139 Resp: 47802

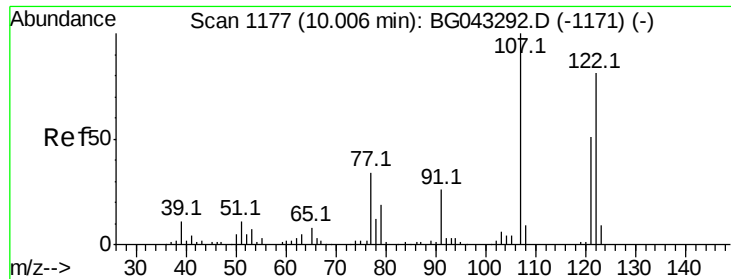
Ion Ratio Lower Upper

139 100

109 39.9 26.5 39.7#

65 59.0 43.8 65.8





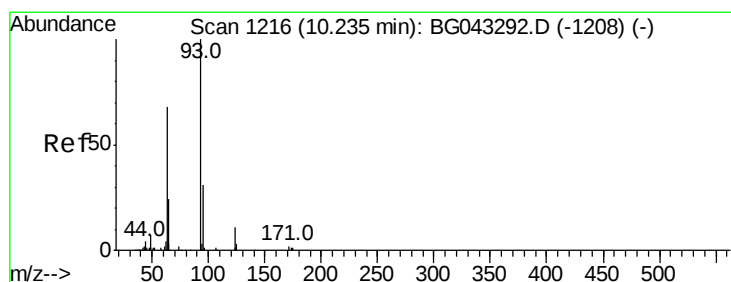
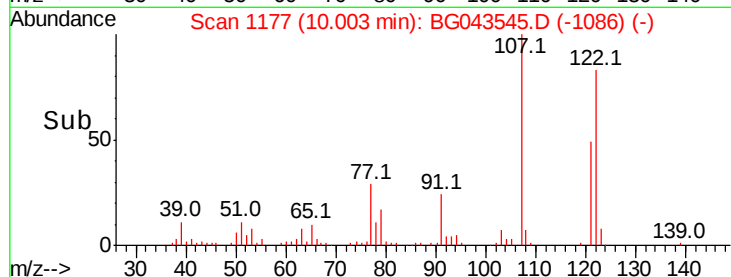
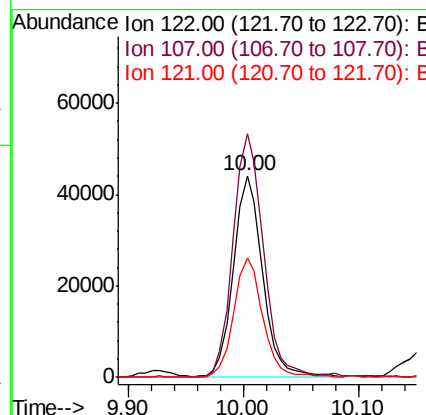
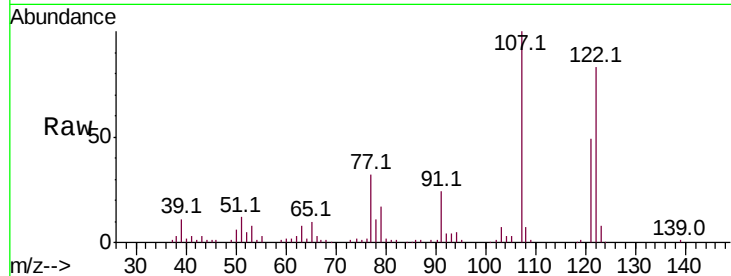
#27  
2,4-Dimethylphenol  
Concen: 52.237 ng  
RT: 10.00 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 120.7 | 104.4 | 156.6 |
| 121     | 59.2  | 47.2  | 70.8  |

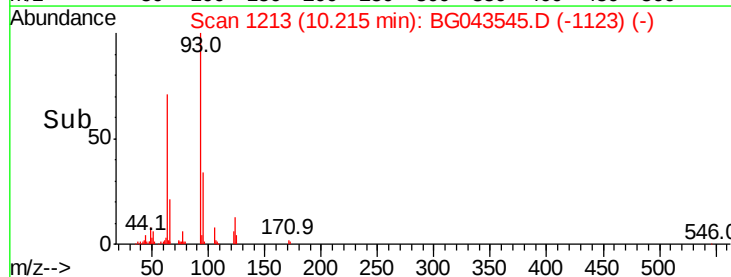
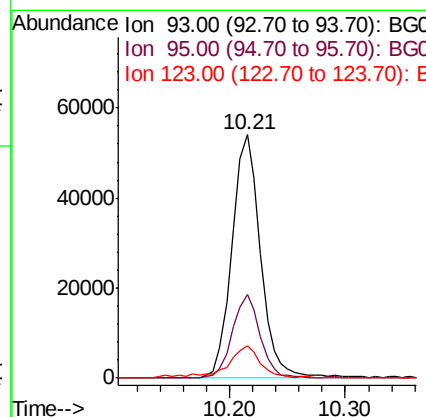
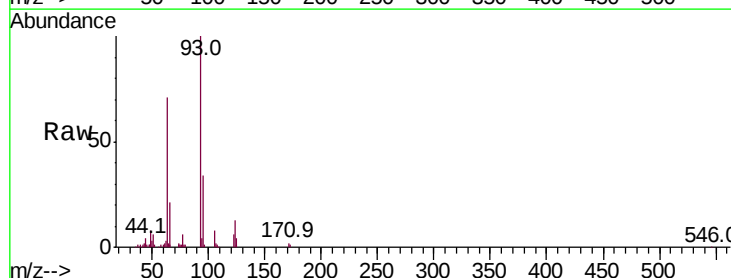
Manual Integrations  
APPROVED

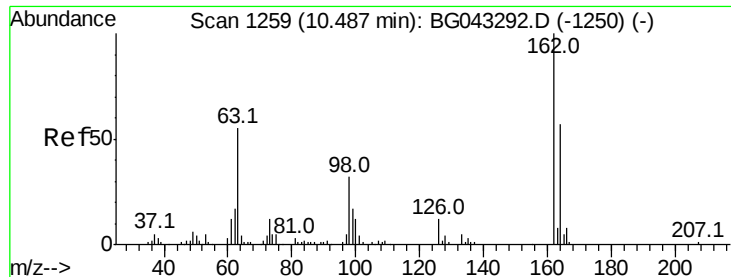
Sohil  
11/8/2019 3:33:02 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.719 ng  
RT: 10.21 min Scan# 1213  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.1  | 26.0  | 39.0  |
| 123     | 13.2  | 10.6  | 15.8  |





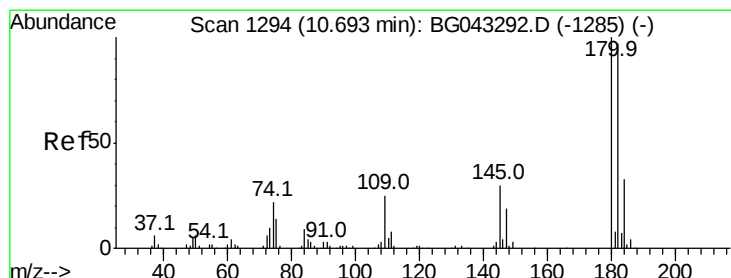
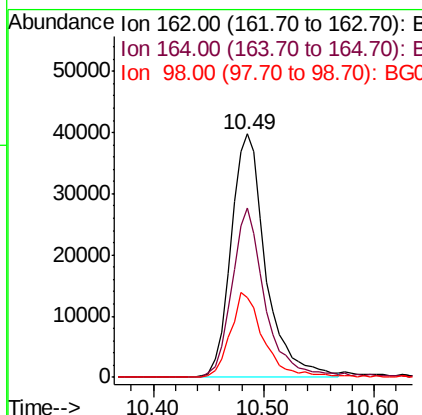
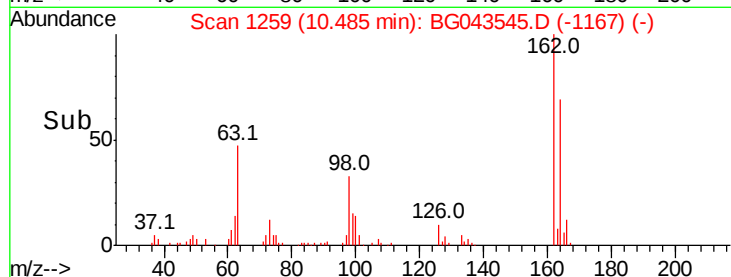
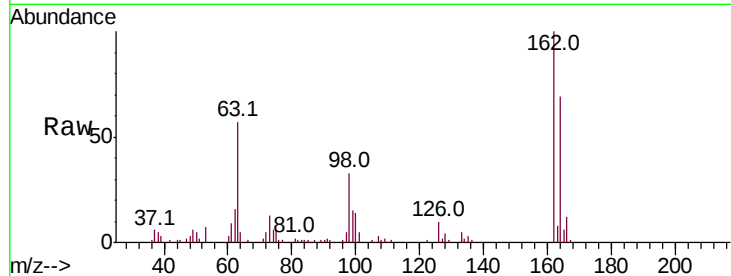
#29  
 2,4-Dichlorophenol  
 Concen: 45.821 ng  
 RT: 10.49 min Scan# 1259  
 Delta R.T. 0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP- 32-DMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 87593 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 69.4  | 48.9  | 88.9  |
| 98        | 32.7  | 15.1  | 55.1  |

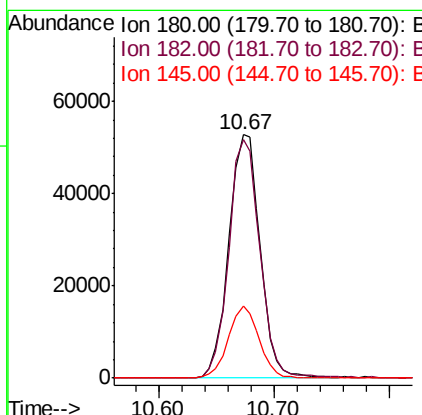
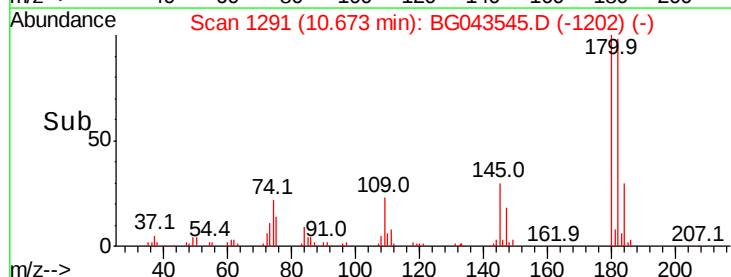
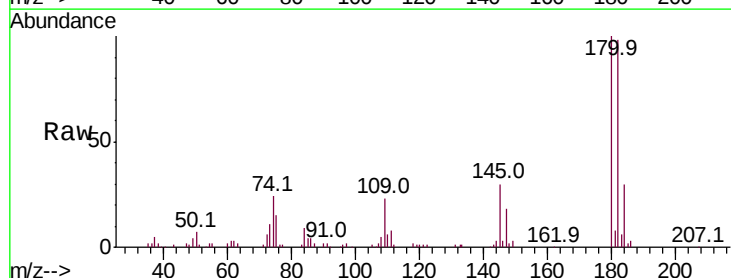
Manual Integrations  
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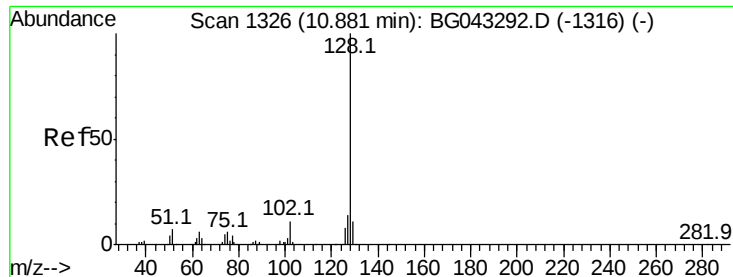
Sohil  
 11/8/2019 3:33:02 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.110 ng  
 RT: 10.67 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 99050 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 97.8  | 75.1  | 112.7 |
| 145       | 29.7  | 23.9  | 35.9  |





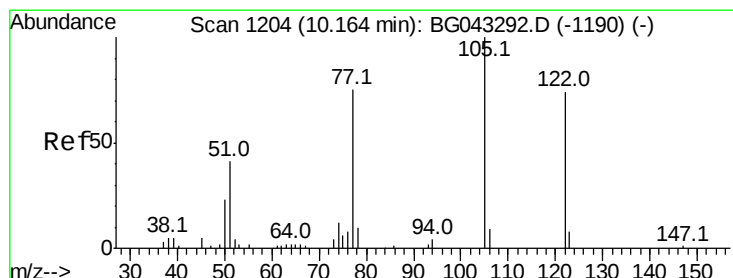
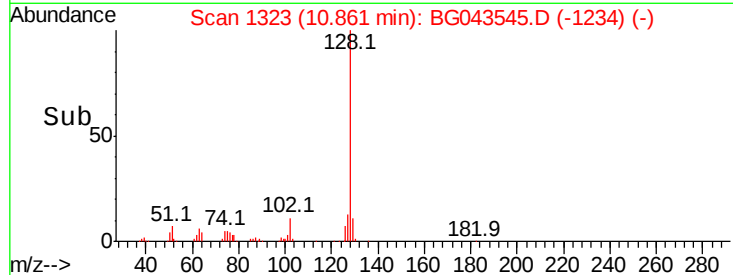
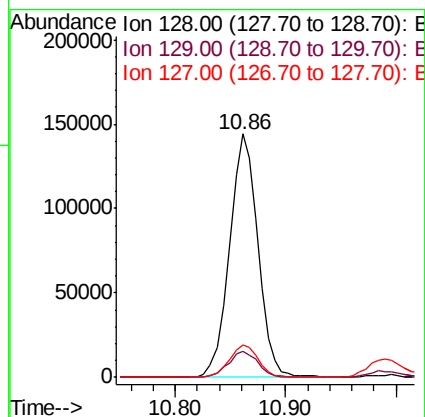
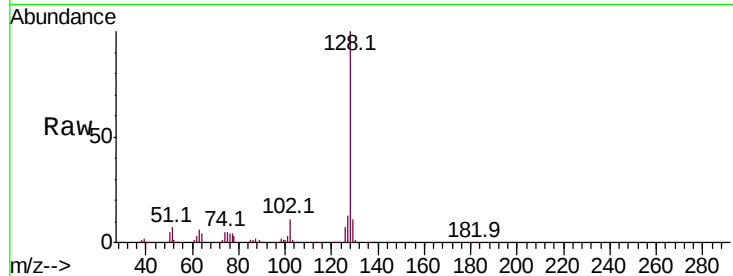
#31  
Naphthalene  
Concen: 43.743 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.6  | 9.4  | 14.0  |       |
| 127     | 13.1  | 11.1 | 16.7  |       |

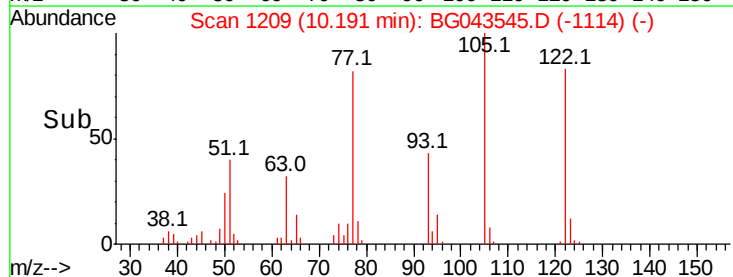
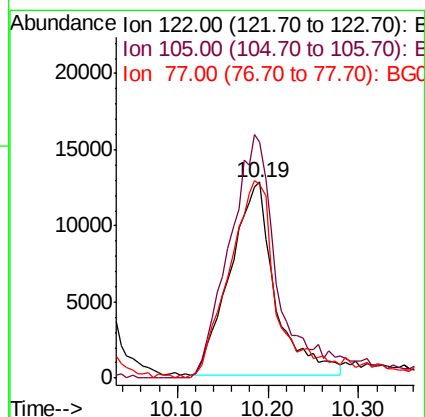
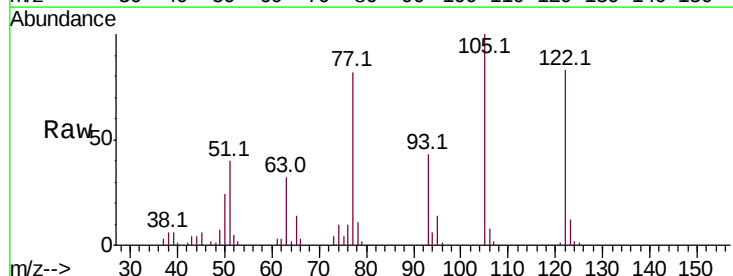
Manual Integrations  
APPROVED

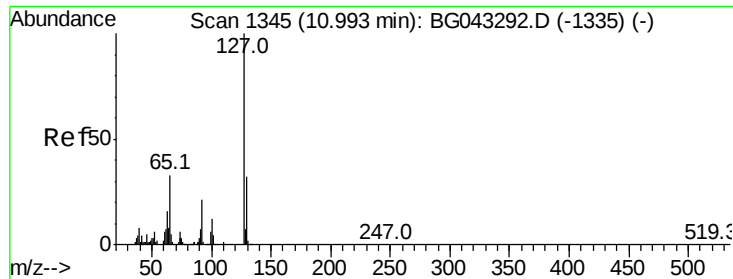
Sohil  
11/8/2019 3:33:02 PM



#32  
Benzoic acid  
Concen: 39.989 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.03 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 120.5 | 103.3 | 143.3 |       |
| 77      | 99.0  | 84.9  | 124.9 |       |





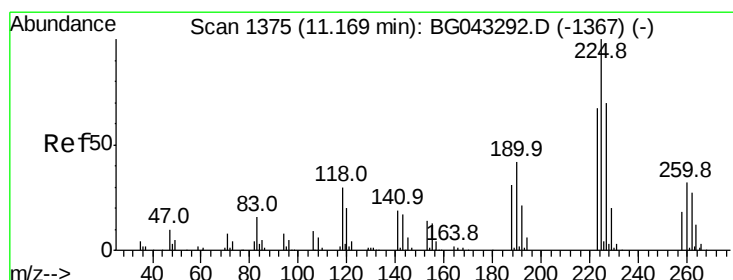
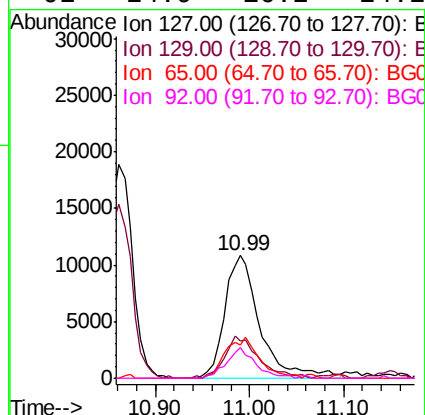
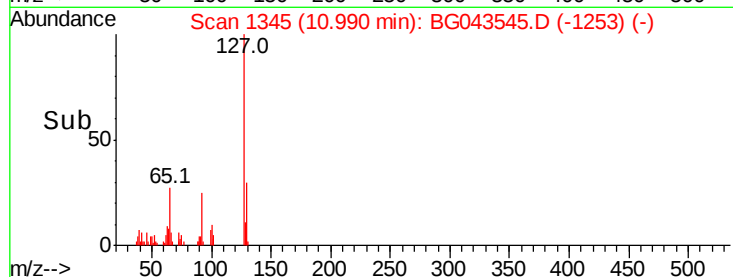
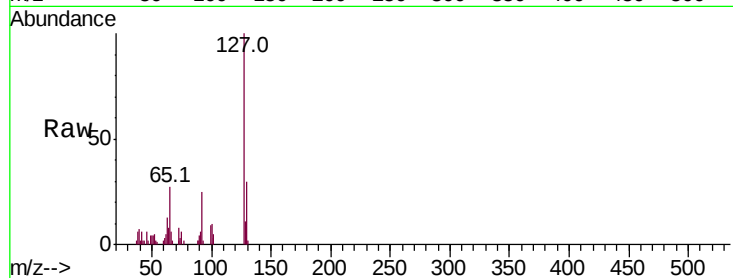
#33  
4-Chloroaniline  
Concen: 11.552 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.0  | 26.5  | 39.7  |
| 65      | 27.2  | 26.4  | 39.6  |
| 92      | 24.9  | 16.2  | 24.2# |

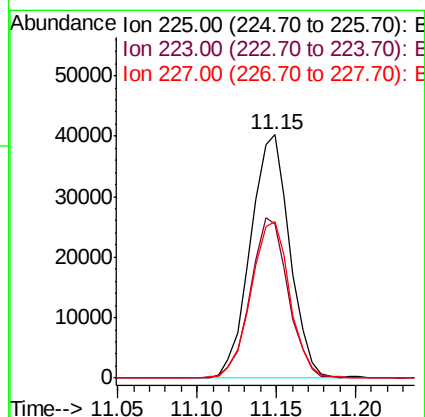
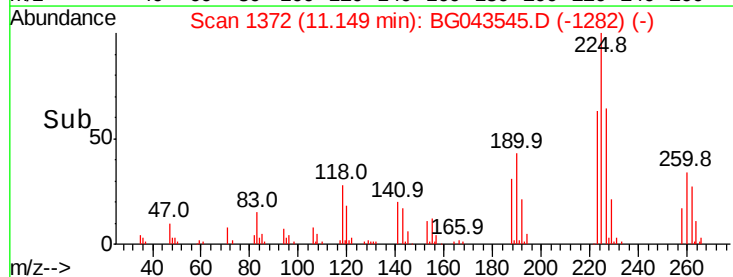
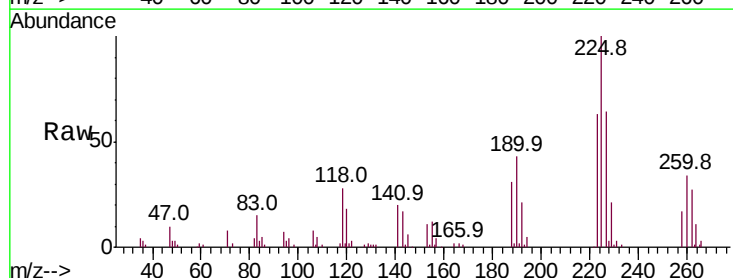
Manual Integrations  
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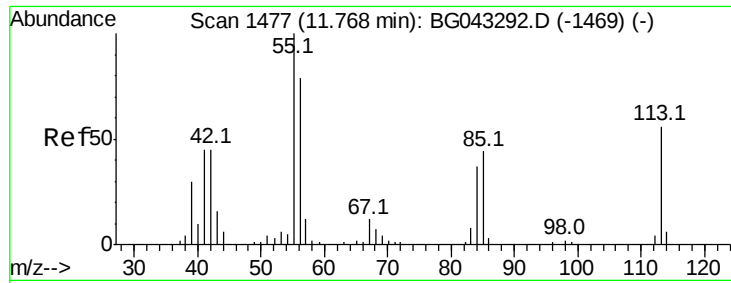
Sohil  
11/8/2019 3:33:02 PM



#34  
Hexachlorobutadiene  
Concen: 38.883 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 52.7  | 79.1  |
| 227     | 64.2  | 54.8  | 82.2  |





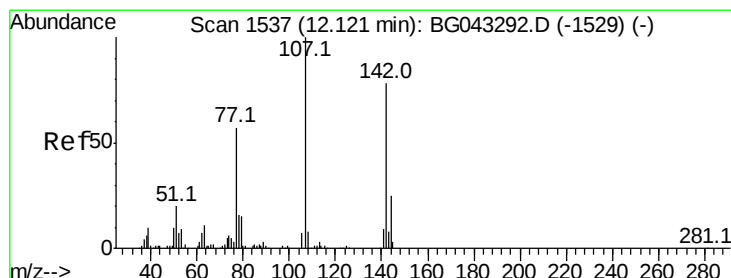
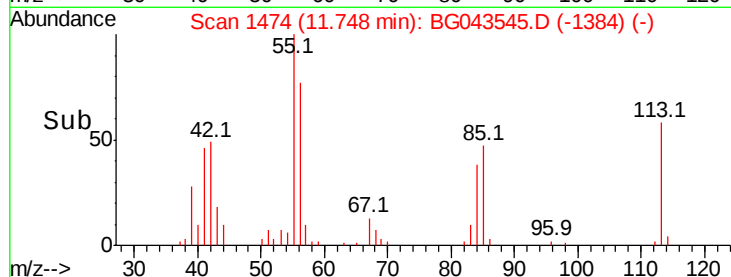
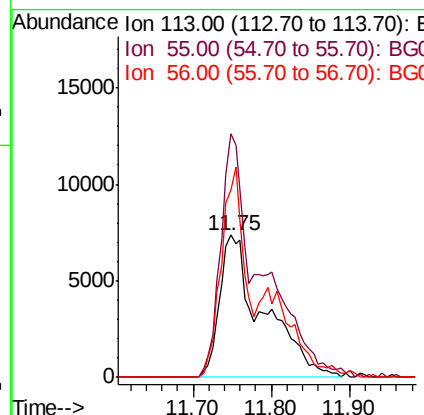
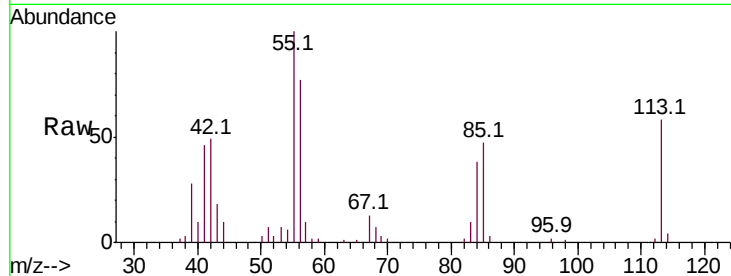
#35  
 Caprolactam  
 Concen: 43.126 ng/ml  
 RT: 11.75 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

Tot Ion:113 Resp: 28393  
 Ion Ratio Lower Upper  
 113 100  
 55 171.4 134.1 174.1  
 56 131.7 100.4 140.4

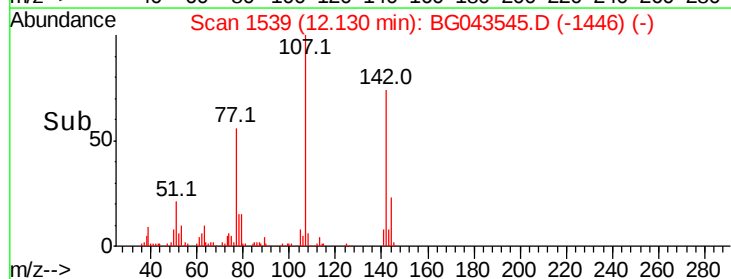
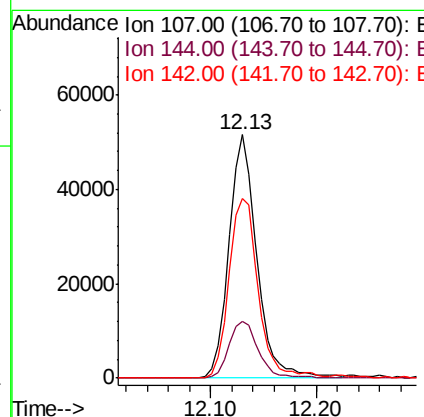
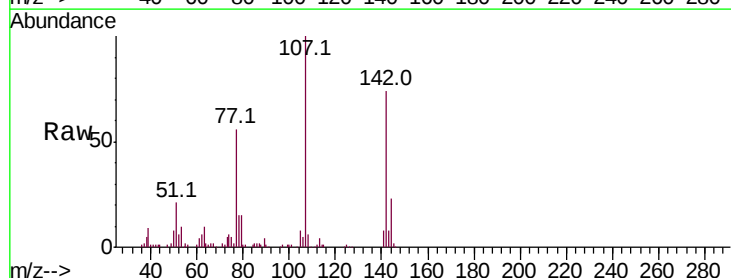
Manual Integrations  
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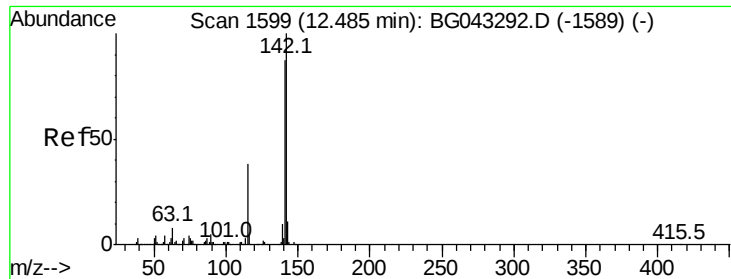
Sohil  
 11/8/2019 3:33:02 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.086 ng/ml  
 RT: 12.13 min Scan# 1539  
 Delta R.T. 0.02 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Tgt Ion:107 Resp: 94013  
 Ion Ratio Lower Upper  
 107 100  
 144 23.1 20.9 31.3  
 142 73.7 59.6 89.4





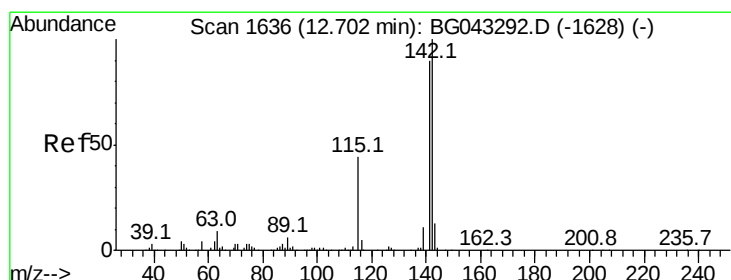
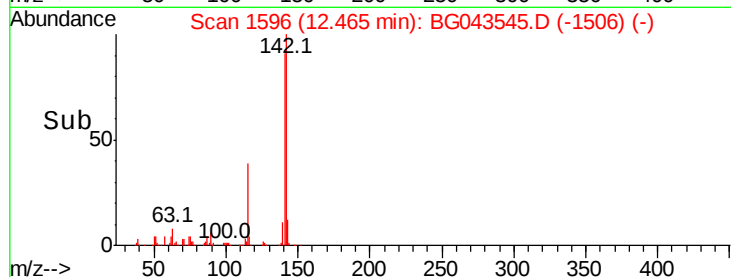
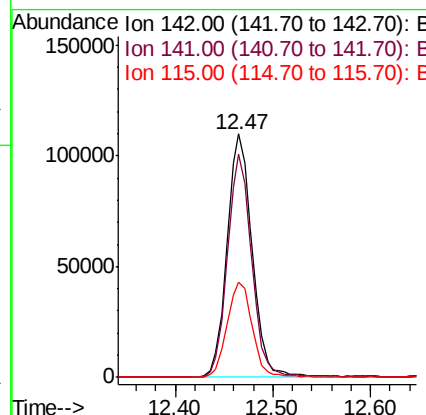
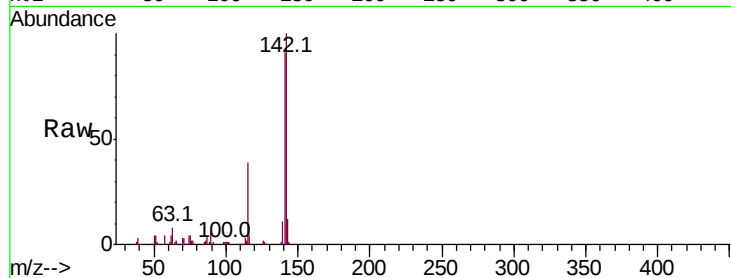
#37  
2-Methylnaphthalene  
Concen: 43.049 ng  
RT: 12.47 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 195647 |       |       |
| 141     | 91.4  | 72.2   | 108.2 |       |
| 115     | 39.3  | 33.2   | 49.8  |       |

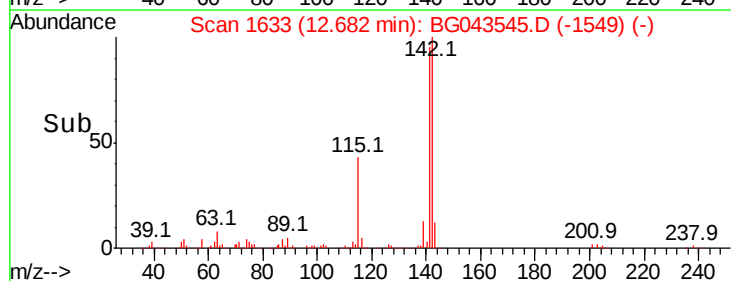
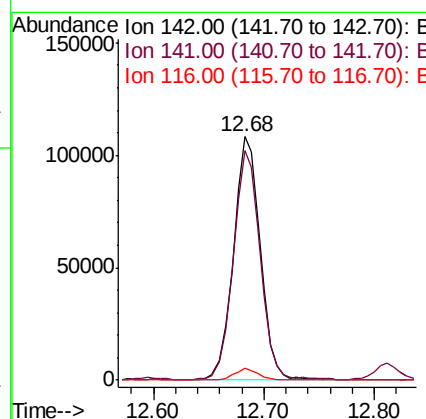
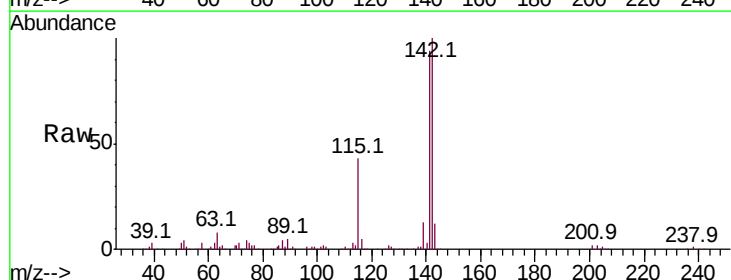
Manual Integrations  
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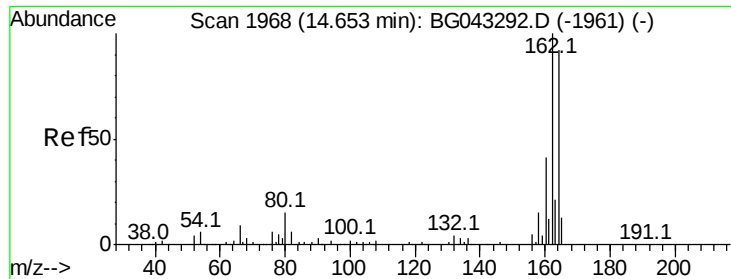
Sohil  
11/8/2019 3:33:02 PM



#38  
1-Methylnaphthalene  
Concen: 42.509 ng  
RT: 12.68 min Scan# 1633  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 183817 |       |       |
| 141     | 94.4  | 73.2   | 109.8 |       |
| 116     | 4.8   | 3.6    | 5.4   |       |





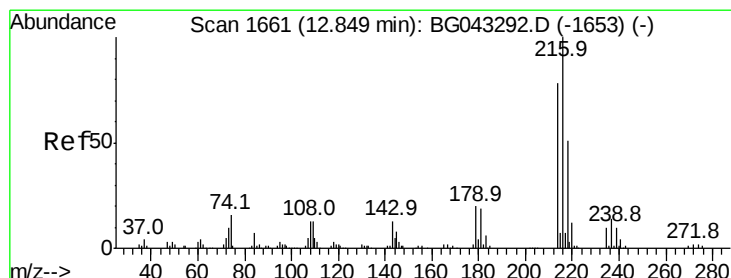
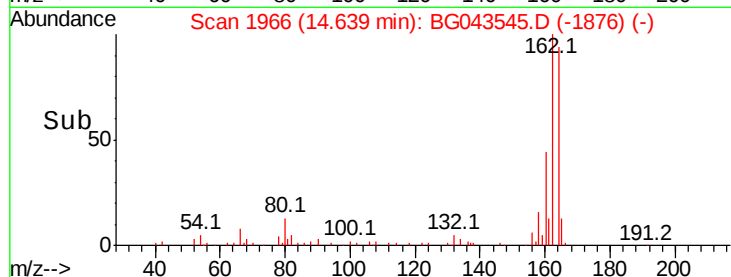
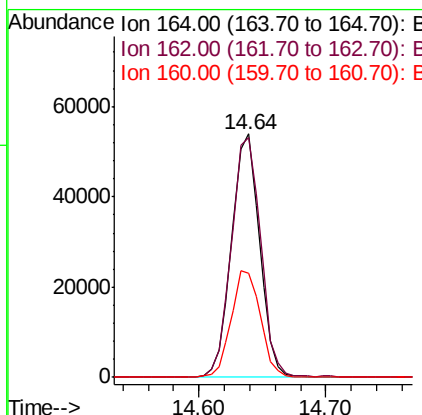
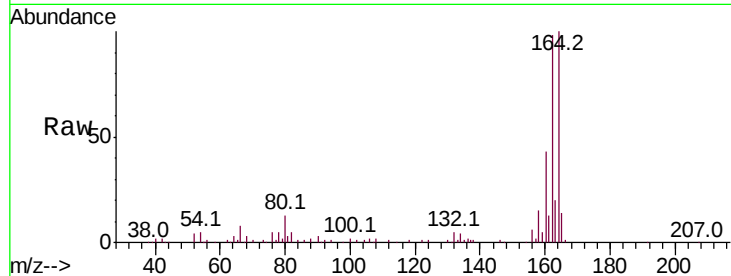
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.5  | 83.5  | 125.3 |
| 160     | 42.9  | 36.5  | 54.7  |

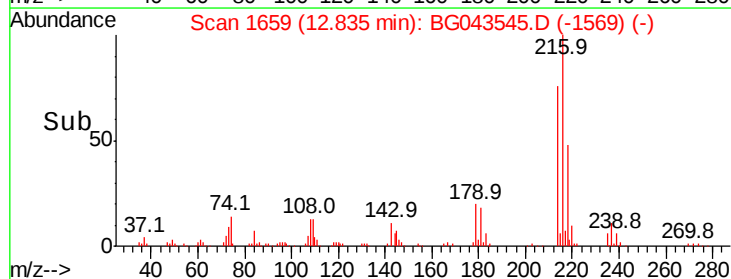
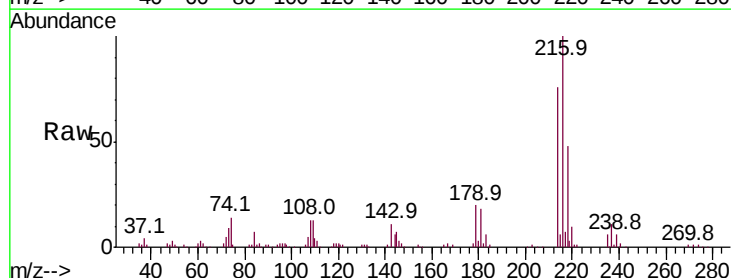
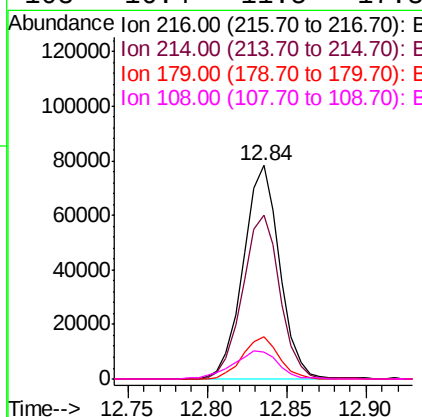
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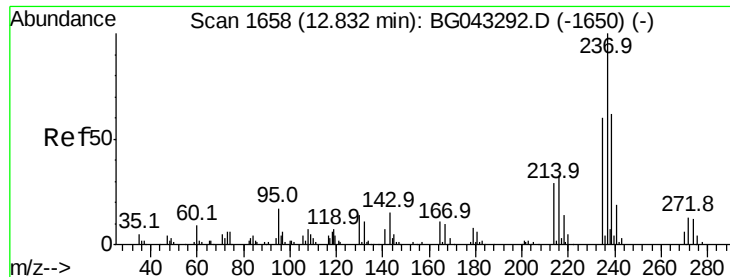
Sohil  
 11/8/2019 3:33:02 PM



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.747 ng  
 RT: 12.84 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.9  | 61.7  | 92.5  |
| 179     | 19.8  | 15.8  | 23.8  |
| 108     | 16.4  | 11.5  | 17.3  |





#41

Hexachlorocyclopentadiene

Concen: 76.149 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

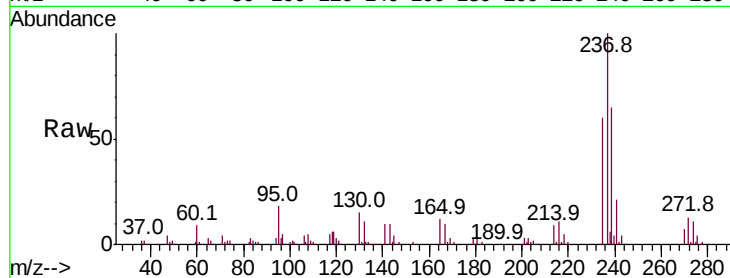
ClientSampled :

TP- 32-DMSD

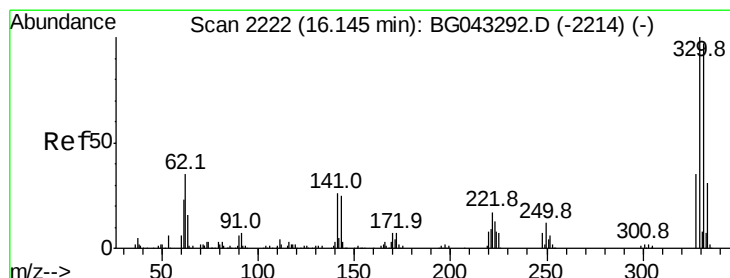
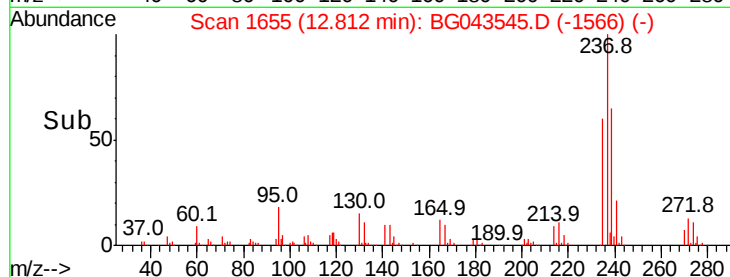
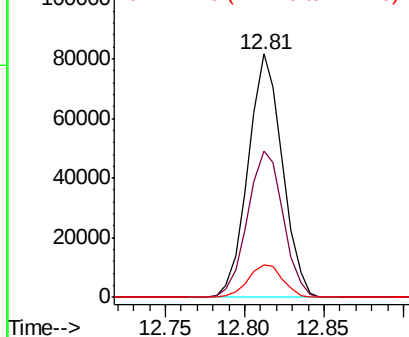
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 122287 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 60.3  | 41.6  | 81.6   |
| 272       | 13.1  | 0.0   | 32.5   |

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



#42

2,4,6-Tribromophenol

Concen: 109.444 ng

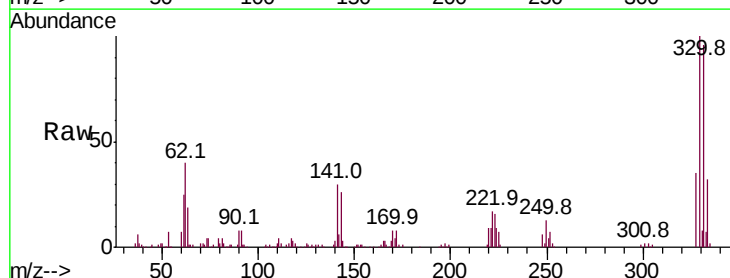
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

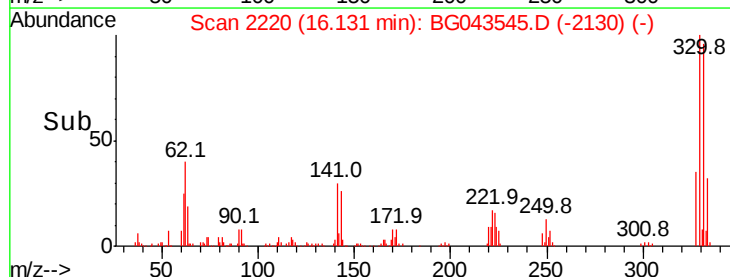
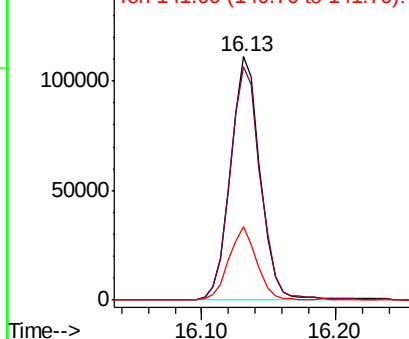
Lab File: BG043545.D

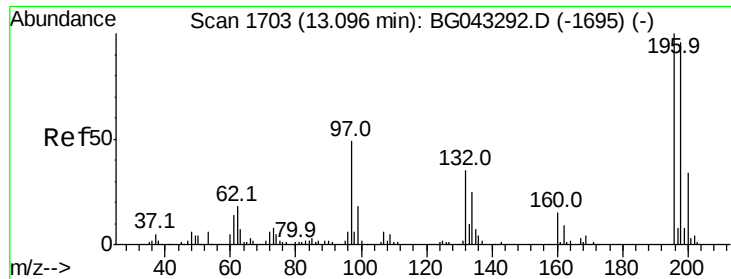
Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 172041 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.4  | 77.4  | 116.0  |
| 141       | 28.8  | 22.8  | 34.2   |



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





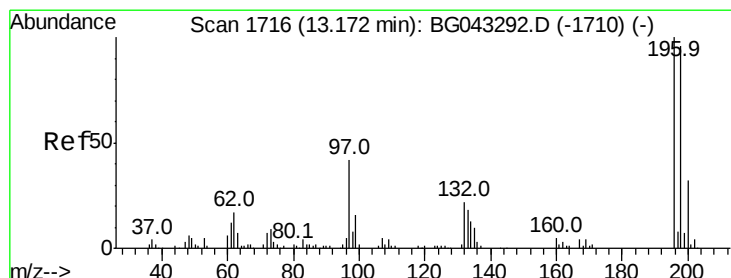
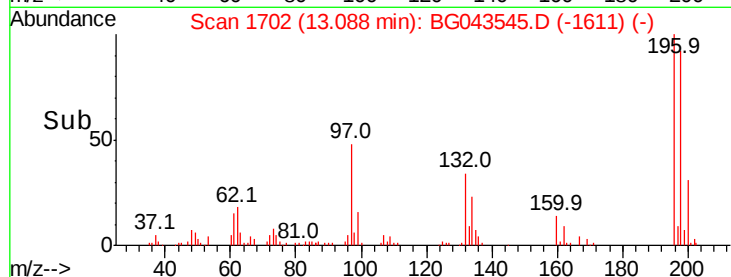
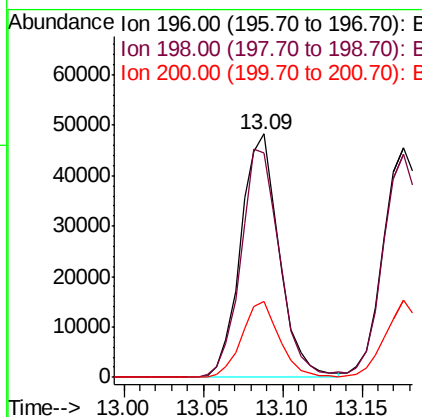
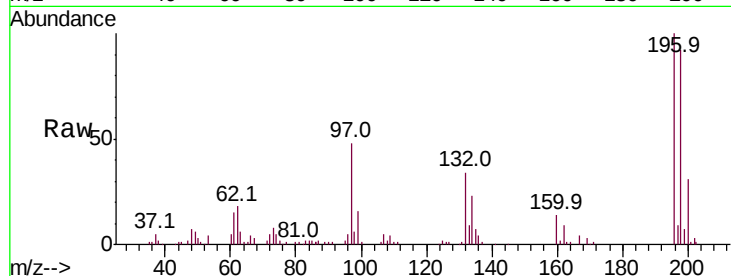
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.291 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 81538 |       |       |
| 198     | 92.3  | 75.8  | 113.6 |       |
| 200     | 31.2  | 23.9  | 35.9  |       |

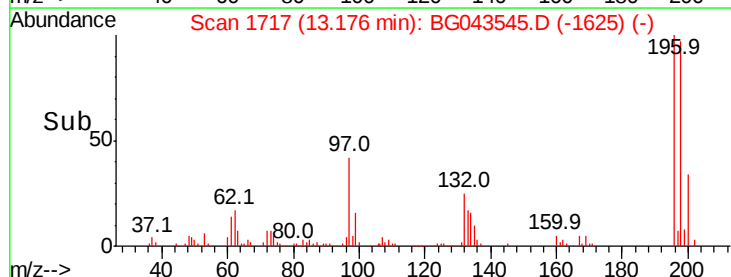
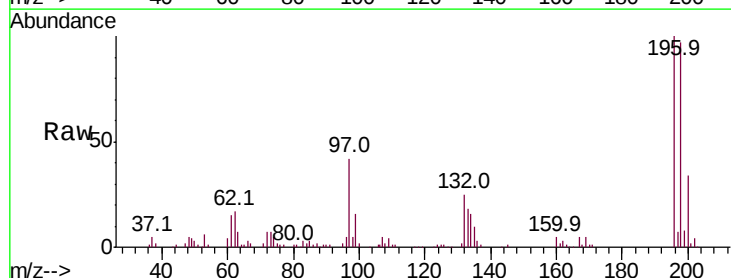
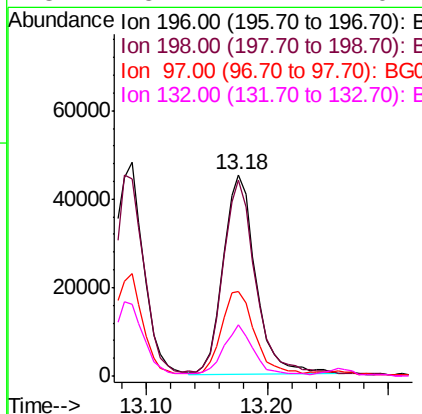
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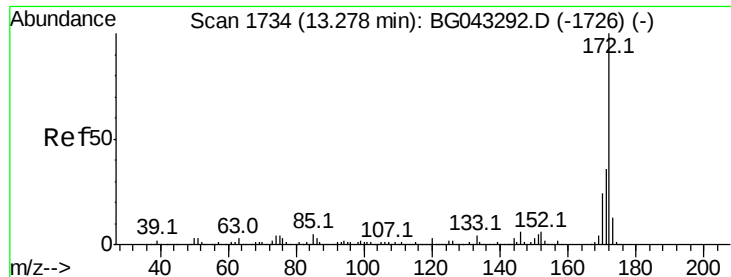
Sohil  
 11/8/2019 3:33:02 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.384 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 84423 |       |       |
| 198     | 97.3  | 74.5  | 111.7 |       |
| 97      | 42.2  | 36.3  | 54.5  |       |
| 132     | 25.4  | 17.4  | 26.2  |       |





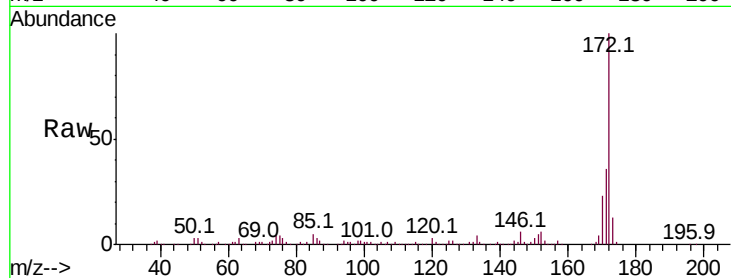
#45  
2-Fluorobiphenyl  
Concen: 73.388 ng  
RT: 13.26 min Scan# 1731  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

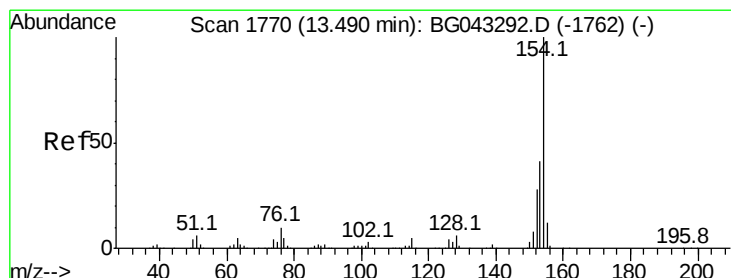
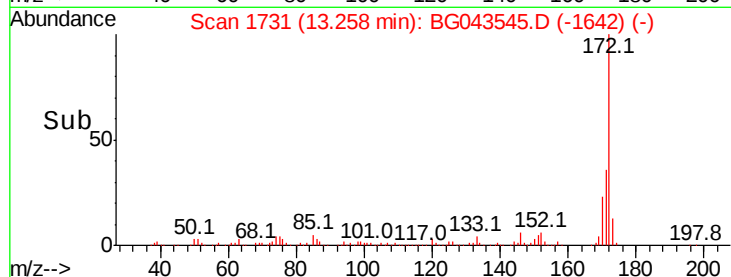
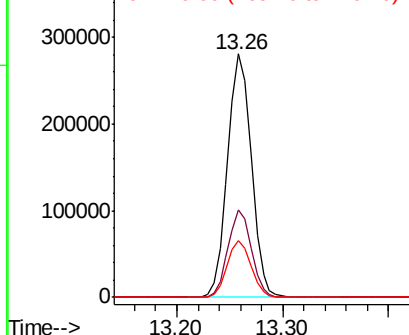
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 28.9  | 43.3  |
| 170     | 23.2  | 18.5  | 27.7  |

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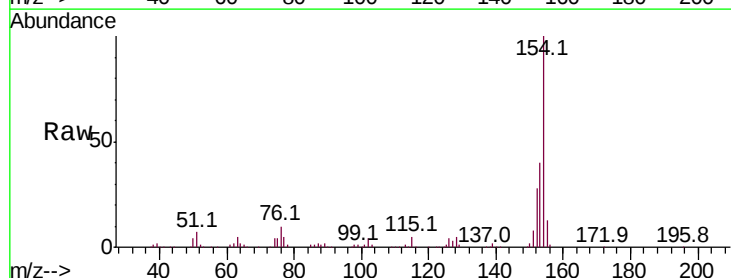


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

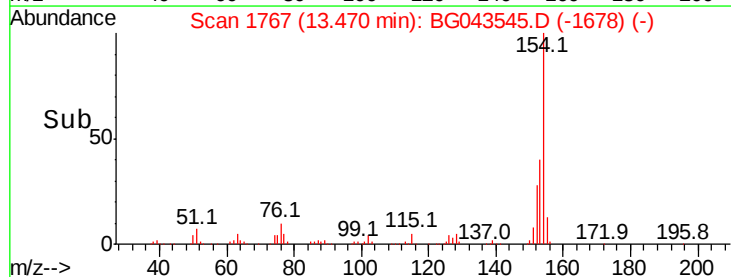
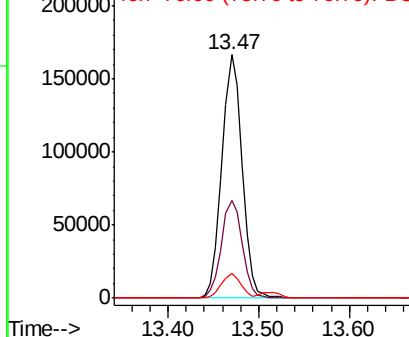


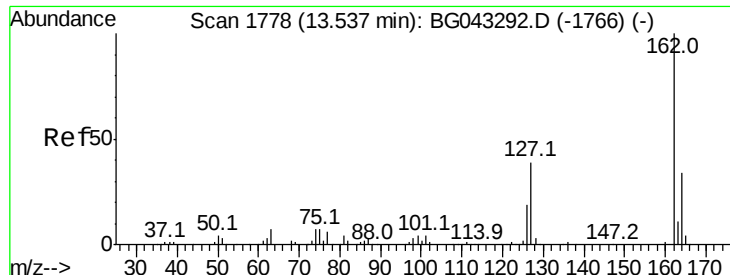
#46  
1,1'-Biphenyl  
Concen: 41.249 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.0  | 19.9  | 59.9  |
| 76      | 10.0  | 0.0   | 29.4  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BG





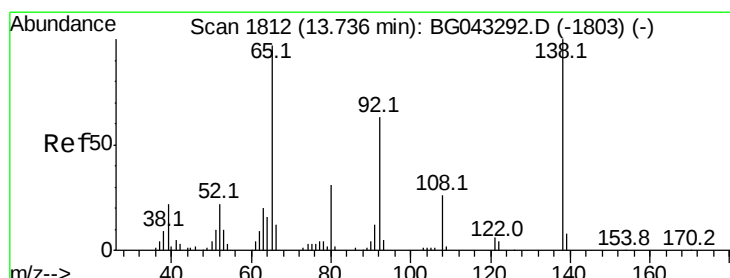
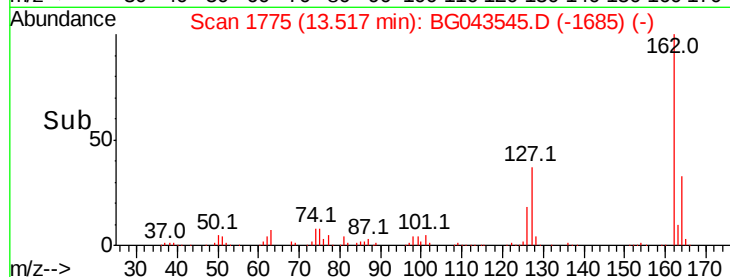
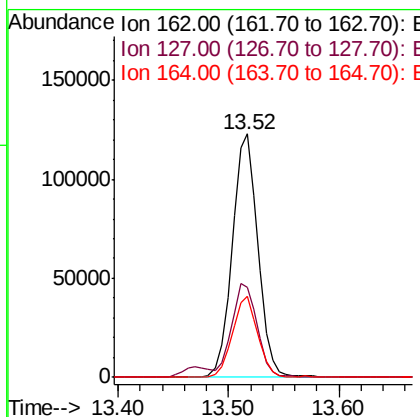
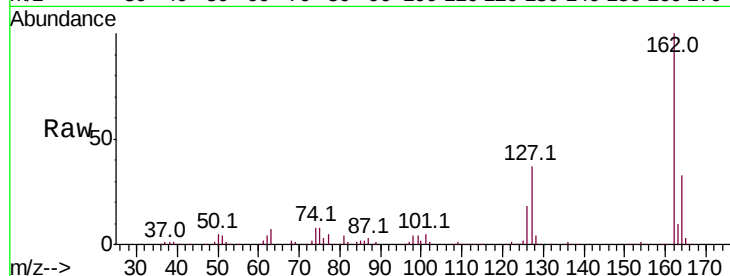
#47  
 2-Chloronaphthalene  
 Concen: 41.926 ng  
 RT: 13.52 min Scan# 1775  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion   | 162   | Resp  | 200461 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.1  | 31.2  | 46.8   |
| 164       | 33.4  | 25.8  | 38.8   |

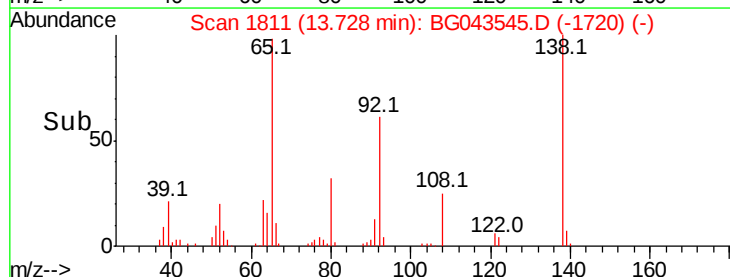
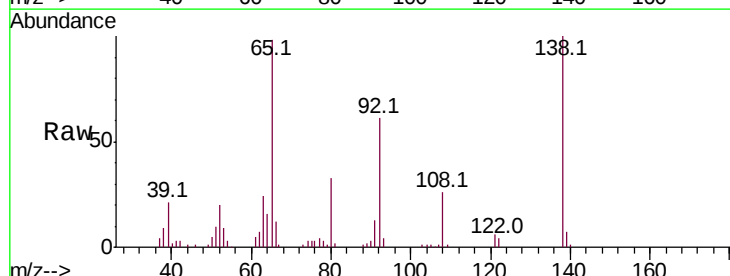
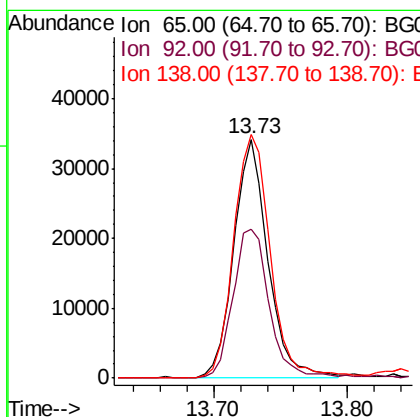
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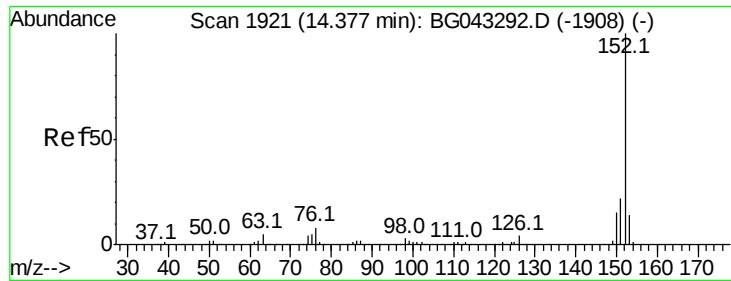
Sohil  
 11/8/2019 3:33:02 PM



#48  
 2-Nitroaniline  
 Concen: 42.524 ng  
 RT: 13.73 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion   | 65    | Resp  | 60769 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 62.5  | 56.2  | 84.2  |
| 138       | 101.9 | 82.6  | 123.8 |





#49

Acenaphthylene

Concen: 43.725 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

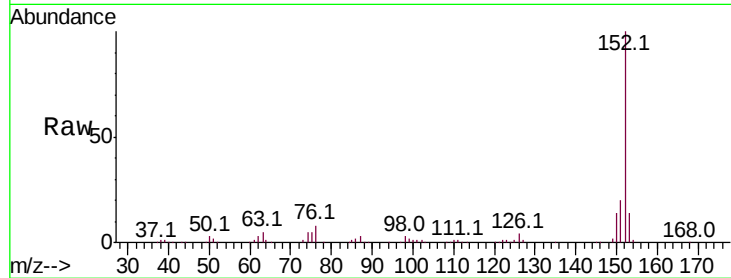
ClientSampleId :

TP- 32-DMSD

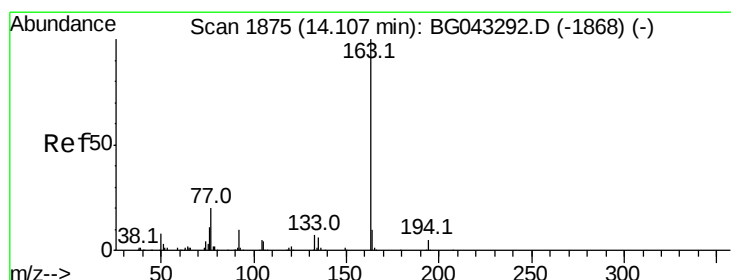
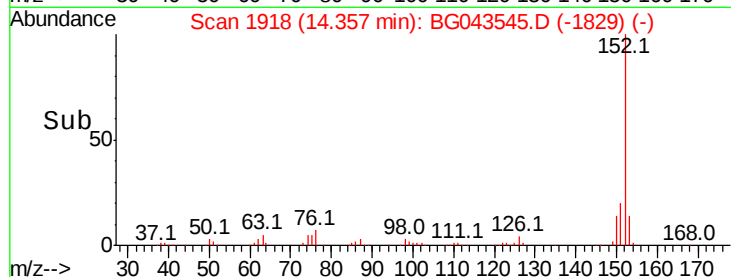
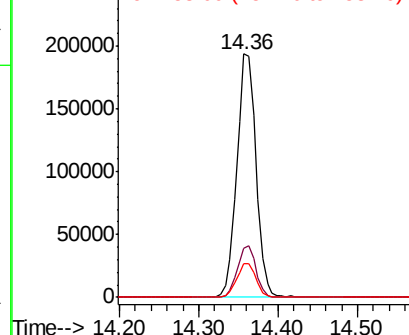
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 325377 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.1  | 16.2  | 24.4   |
| 153       | 13.8  | 10.6  | 15.8   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.771 ng

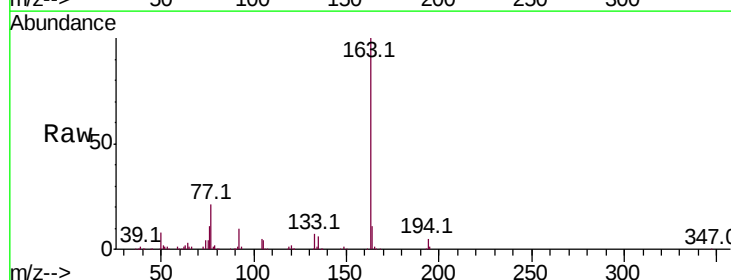
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

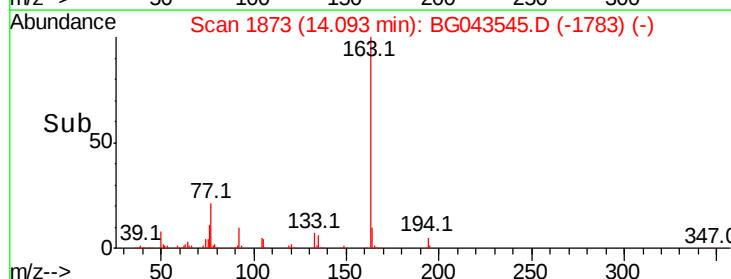
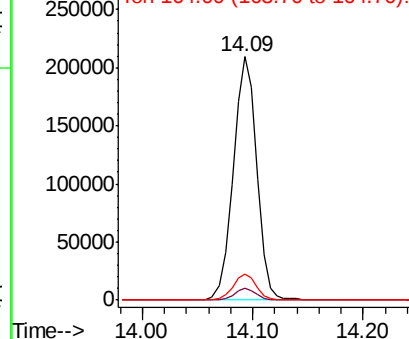
Lab File: BG043545.D

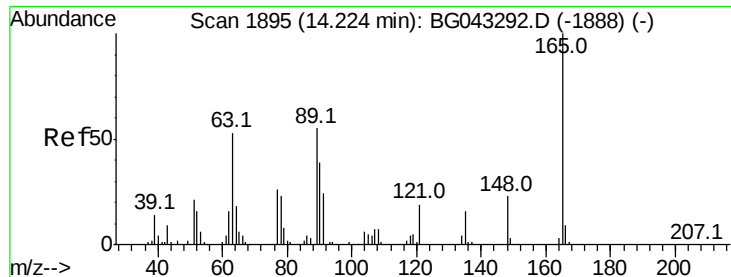
Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 312049 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.8   | 5.6    |
| 164       | 10.6  | 8.9   | 13.3   |



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: 43.231 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

ClientSampled :

TP- 32-DMSD

Tot Ion:165 Resp: 60092  
Ion Ratio Lower Upper

165 100

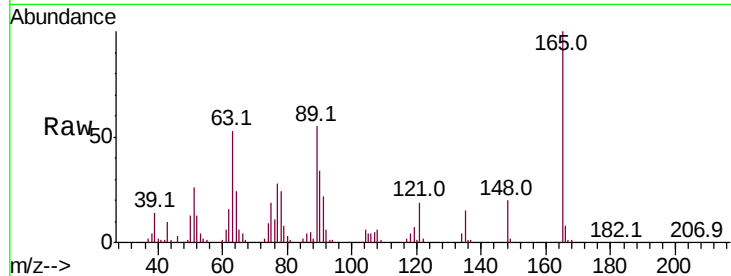
63 53.5 46.6 69.8

89 55.3 45.1 67.7

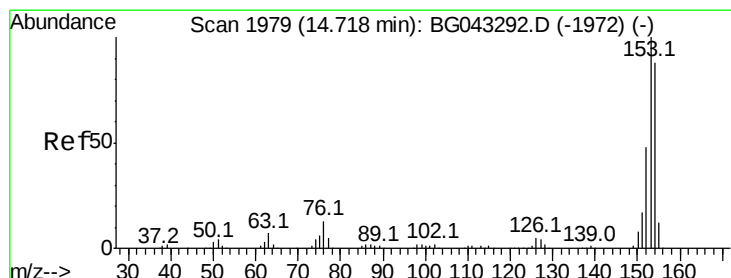
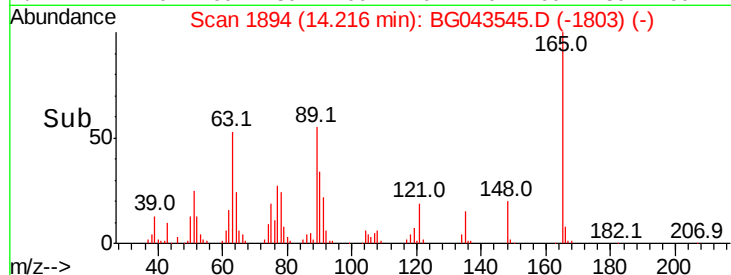
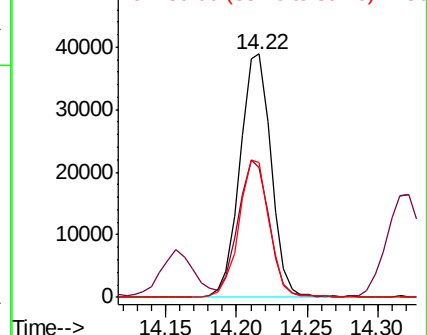
Manual Integrations  
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Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.362 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043545.D

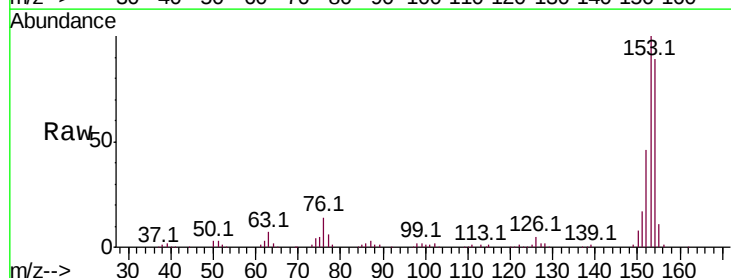
Acq: 7 Nov 2019 18:51

Tgt Ion:154 Resp: 192243  
Ion Ratio Lower Upper

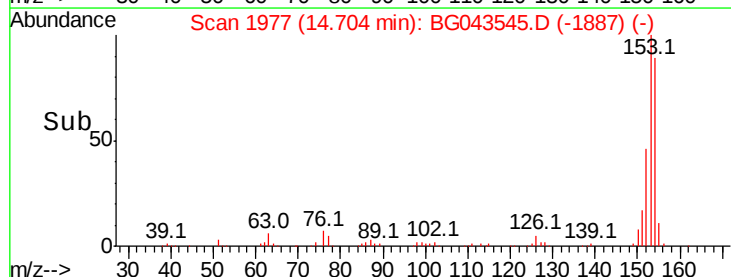
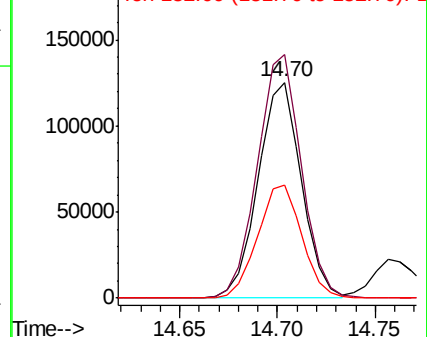
154 100

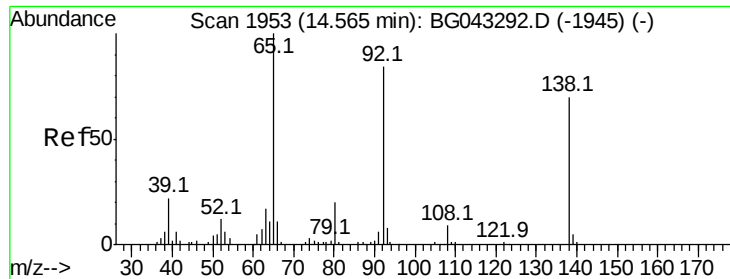
153 113.0 88.2 132.2

152 52.4 40.0 60.0



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





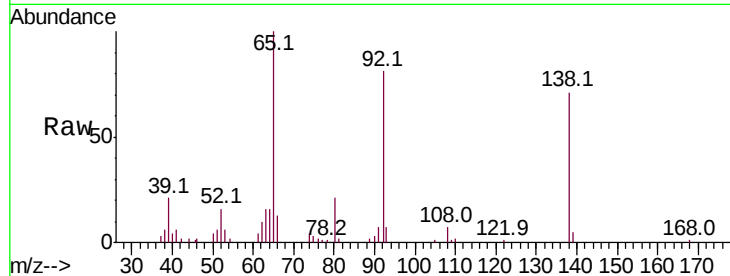
#53  
3-Nitroaniline  
Concen: 16.365 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 8.0   | 12.0  |
| 92      | 114.0 | 90.9  | 136.3 |

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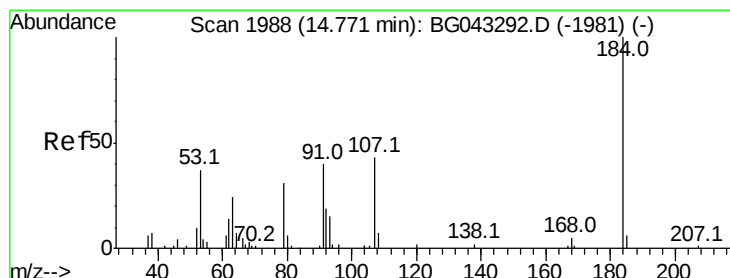
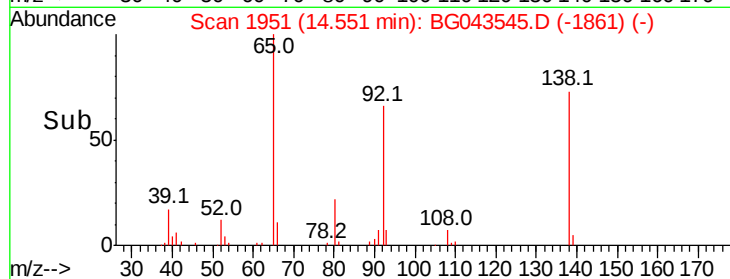
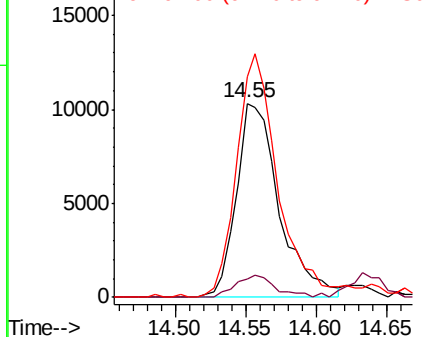


Abundance

Ion 138.00 (137.70 to 138.70): E

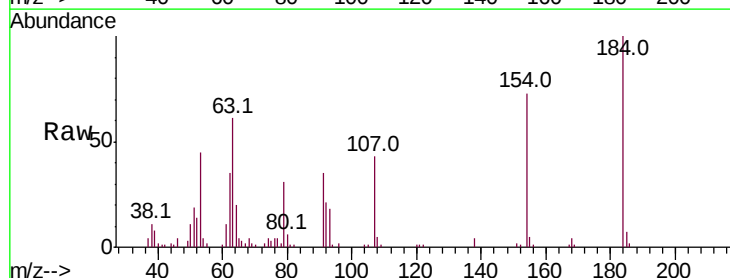
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54  
2,4-Dinitrophenol  
Concen: 72.157 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.6  | 51.3  | 76.9  |
| 154     | 72.7  | 55.4  | 83.0  |

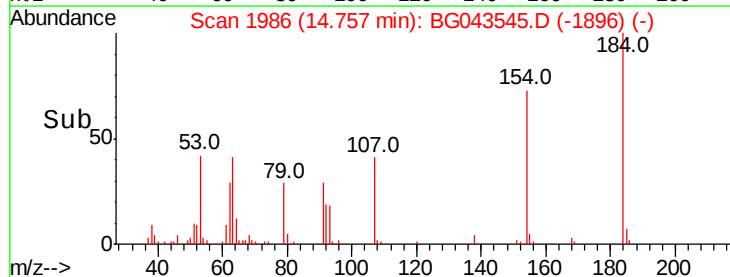
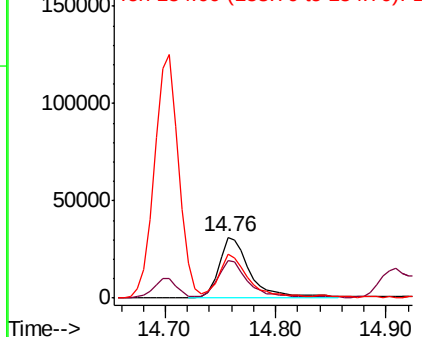


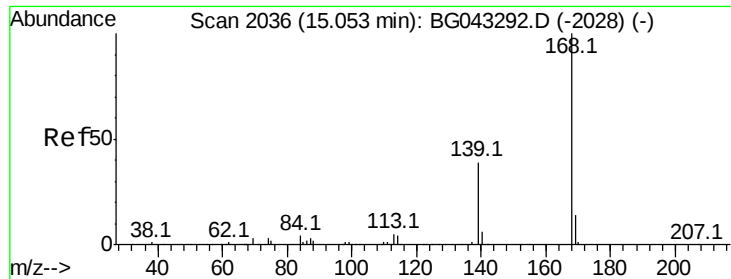
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





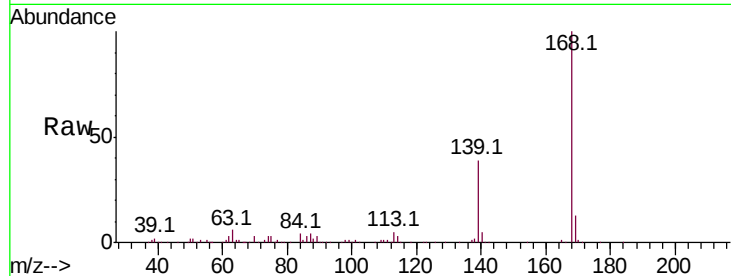
#55  
Dibenzofuran  
Concen: 43.295 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampled :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.6  | 31.0  | 46.6  |
| 169     | 13.4  | 11.7  | 17.5  |

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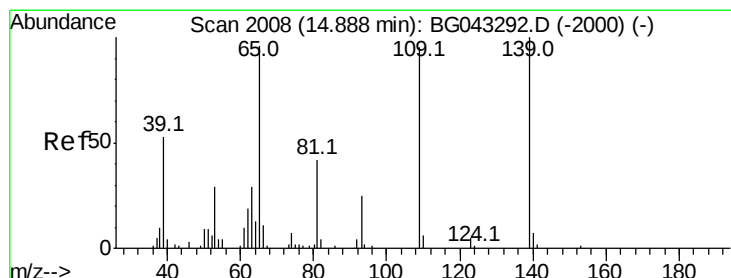
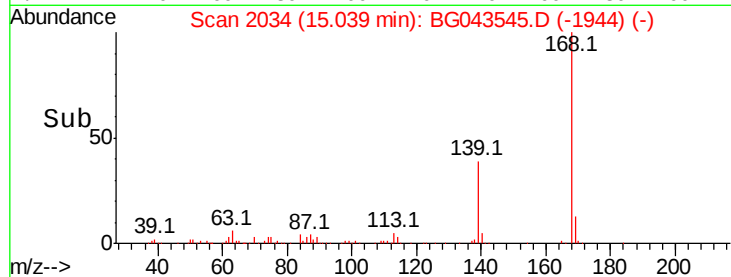
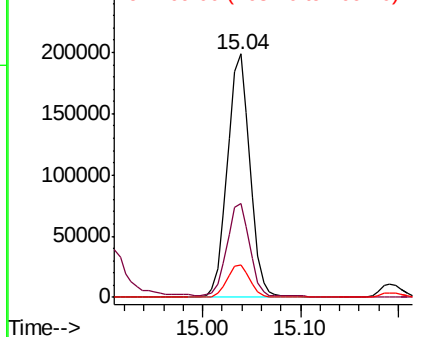


Abundance

Ion 168.00 (167.70 to 168.70): E

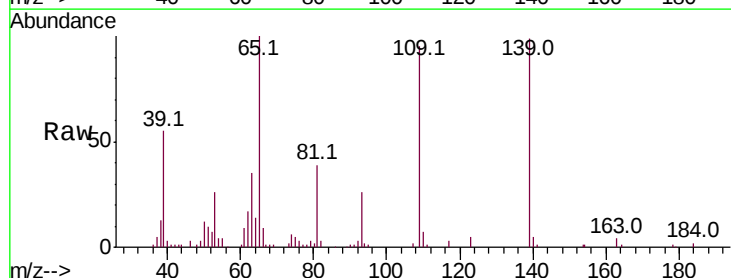
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 95.305 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.02 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 95.2  | 87.2  | 127.2 |
| 65      | 100.7 | 83.8  | 123.8 |

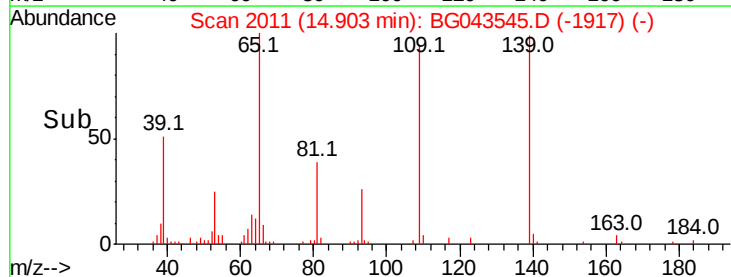
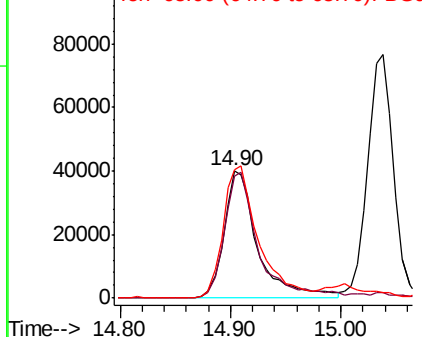


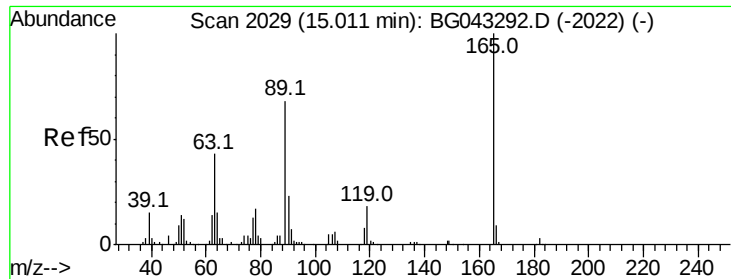
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





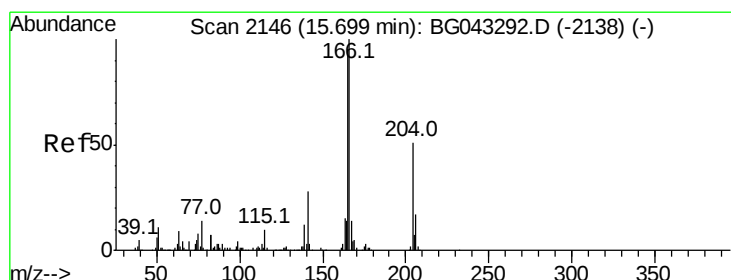
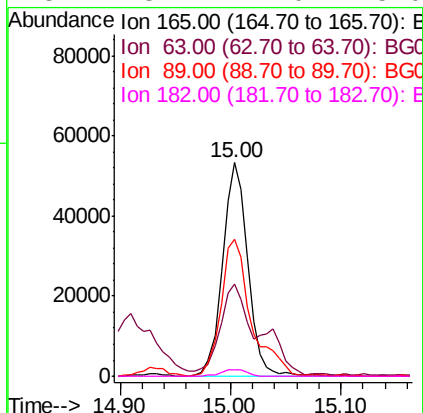
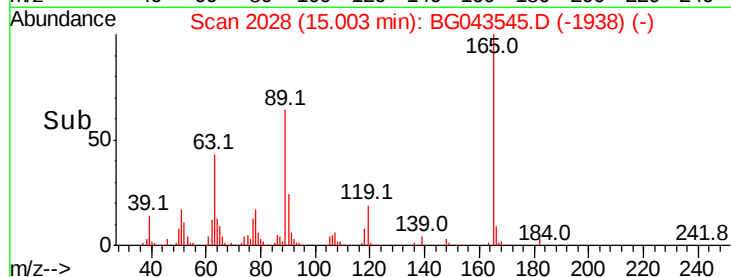
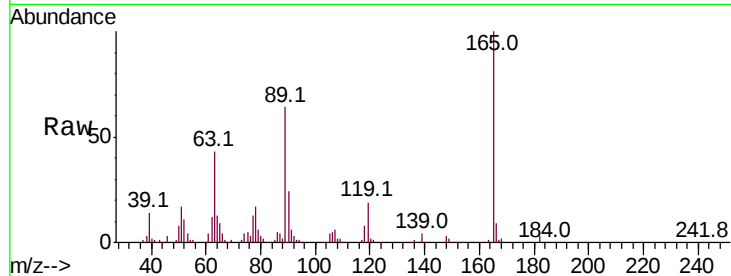
#57  
 2,4-Dinitrotoluene  
 Concen: 42.853 ng  
 RT: 15.00 min Scan# 2028  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.9  | 33.2  | 49.8  |
| 89      | 64.0  | 52.2  | 78.4  |
| 182     | 3.1   | 2.0   | 3.0#  |

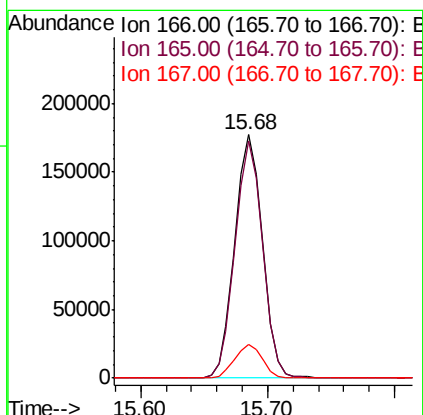
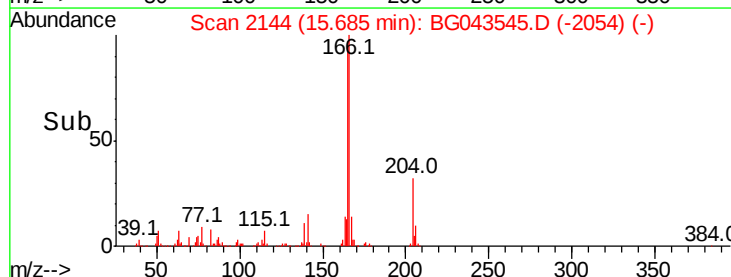
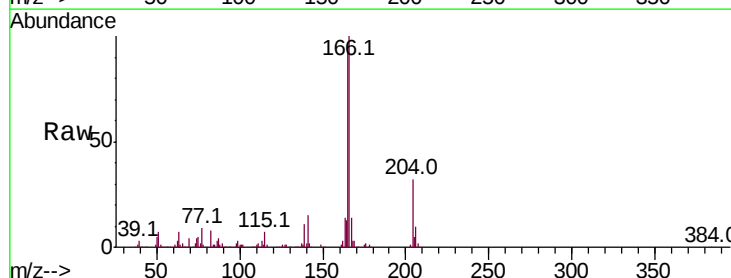
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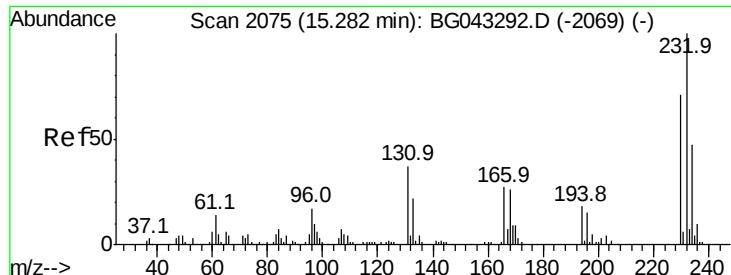
Sohil  
 11/8/2019 3:33:02 PM



#58  
 Fluorene  
 Concen: 43.507 ng  
 RT: 15.68 min Scan# 2144  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 79.0  | 118.6 |
| 167     | 13.8  | 10.5  | 15.7  |





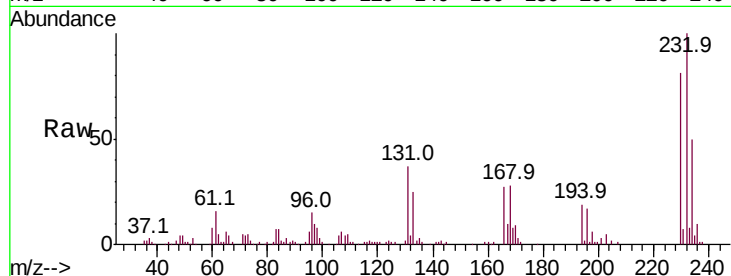
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.338 ng  
 RT: 15.27 min Scan# 2074  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.9  | 26.9  | 40.3  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 26.5  | 20.9  | 31.3  |

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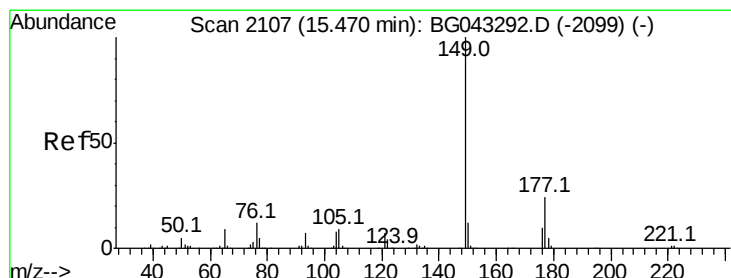
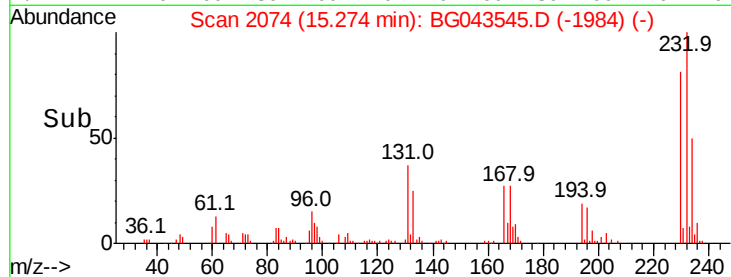
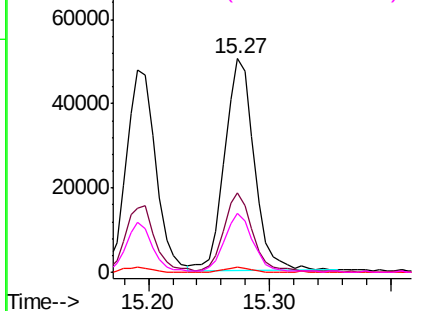
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

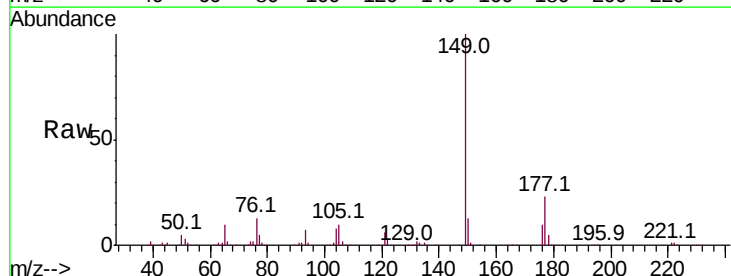
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 41.046 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 19.6  | 29.4  |
| 150     | 12.5  | 10.8  | 16.2  |

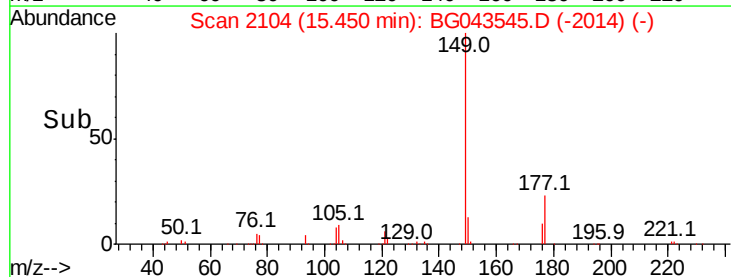
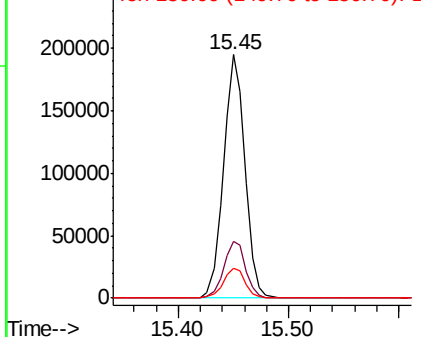


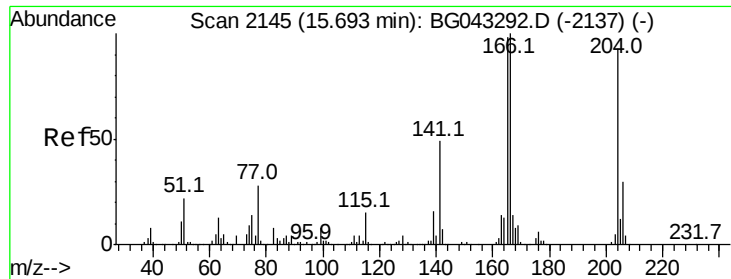
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





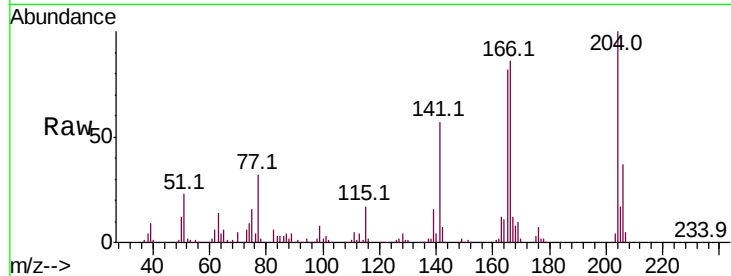
#61  
4-Chlorophenyl-phenylether  
Concen: 41.646 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampled :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 37.1  | 28.4  | 42.6  |
| 141     | 57.3  | 43.0  | 64.6  |

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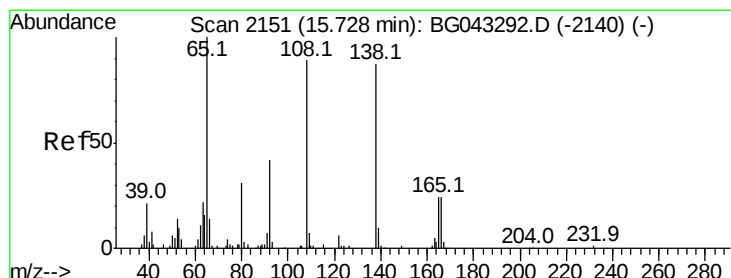
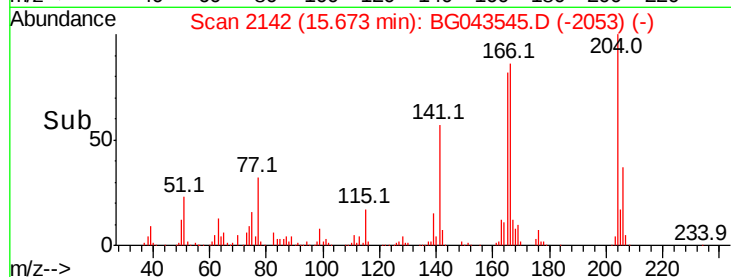
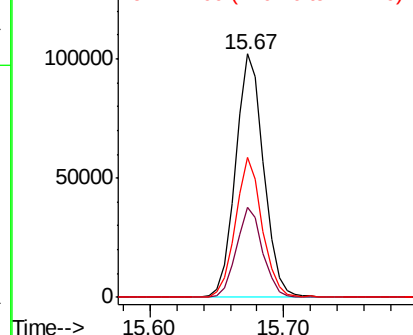


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 40.396 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

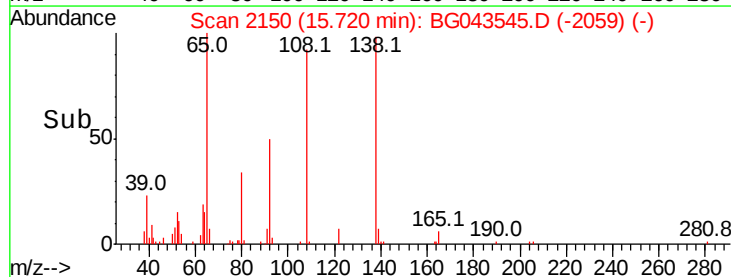
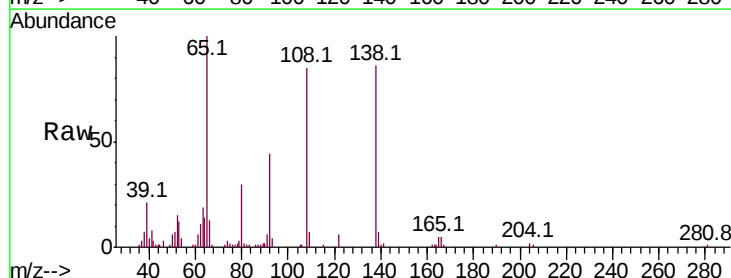
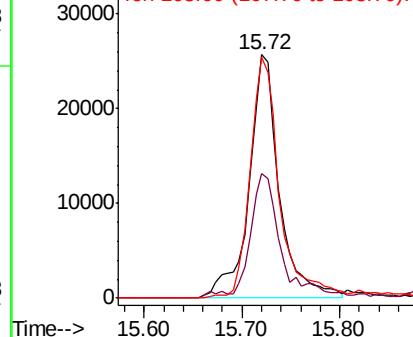
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.3  | 33.4  | 73.4  |
| 108     | 98.8  | 78.0  | 118.0 |

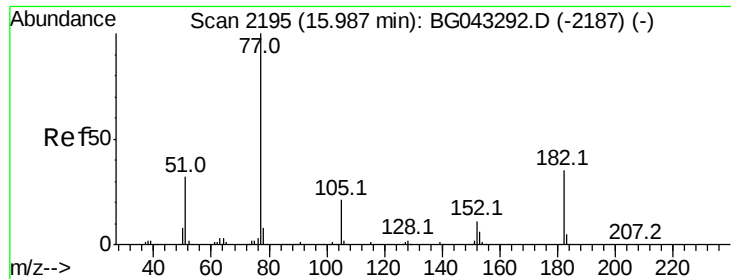
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.981 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

ClientSampleId :

TP- 32-DMSD

Tot Ion: 77 Resp: 223630

Ion Ratio Lower Upper

77 100

182 31.1 13.7 53.7

105 21.0 0.4 40.4

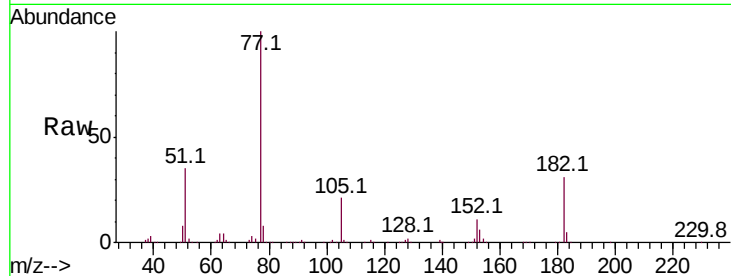
51 34.7 11.0 51.0

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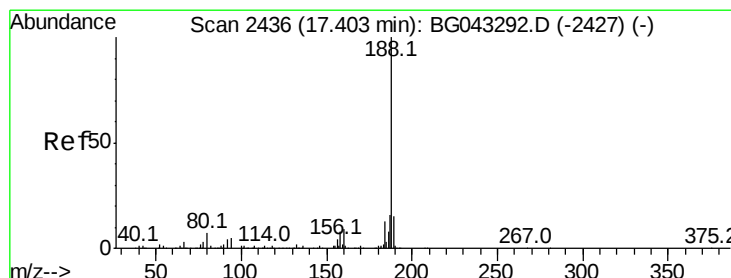
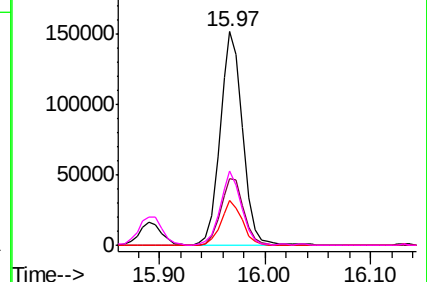
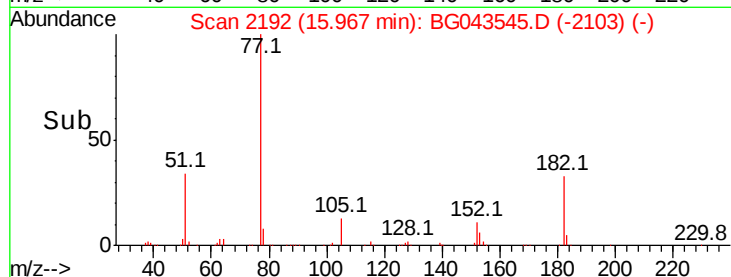


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

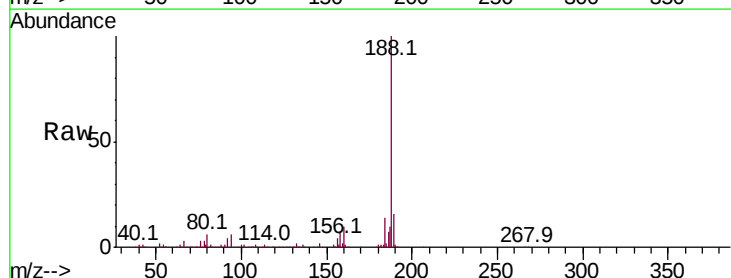
Tgt Ion: 188 Resp: 196047

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

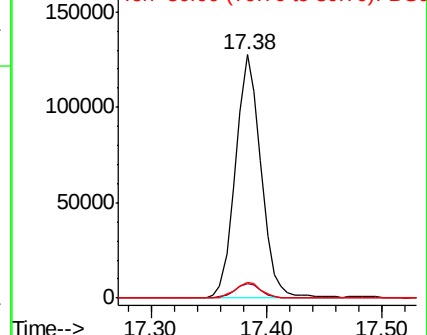
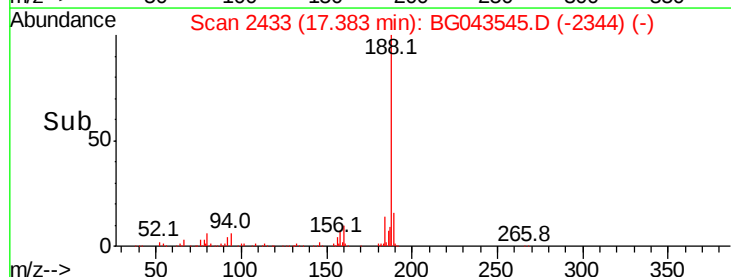
80 6.3 4.5 6.7

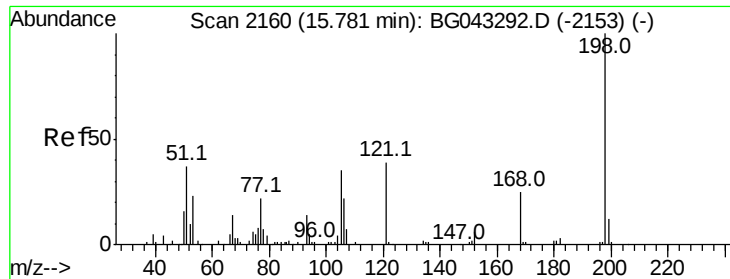


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





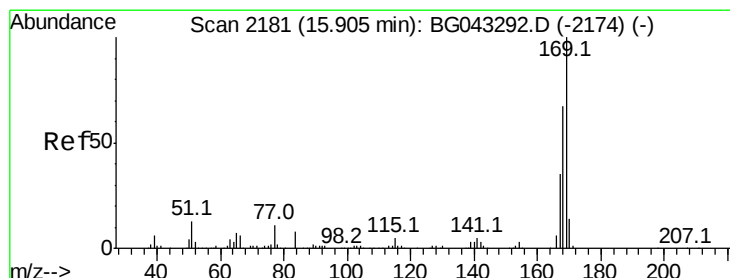
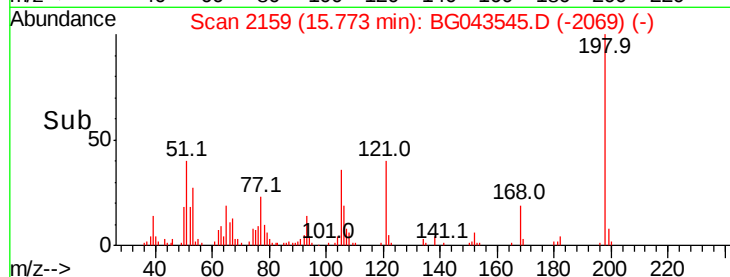
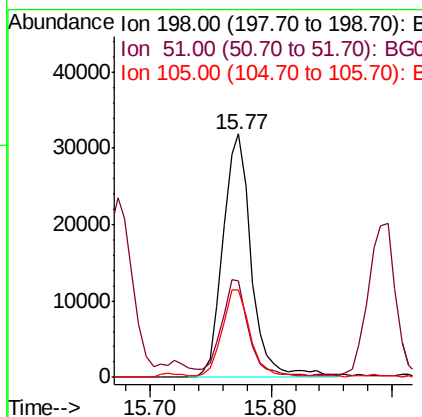
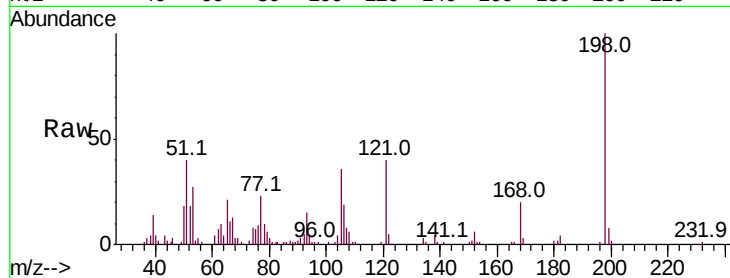
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 45.025 ng  
 RT: 15.77 min Scan# 2159  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.7  | 13.2  | 53.2  |
| 105     | 35.8  | 15.8  | 55.8  |

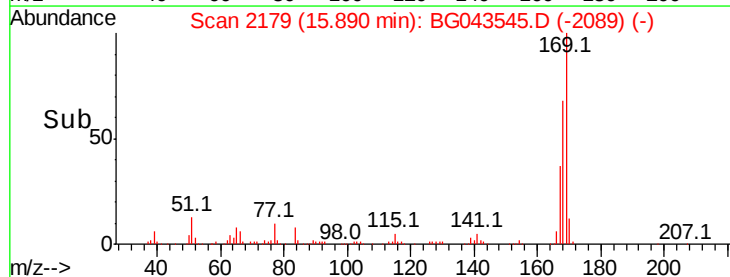
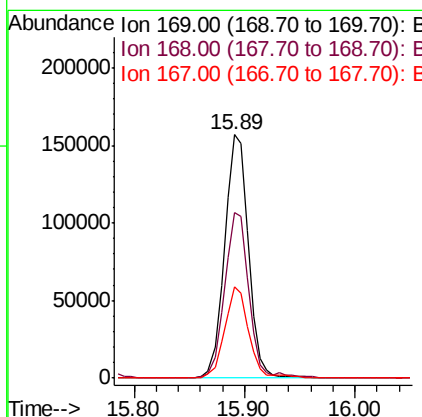
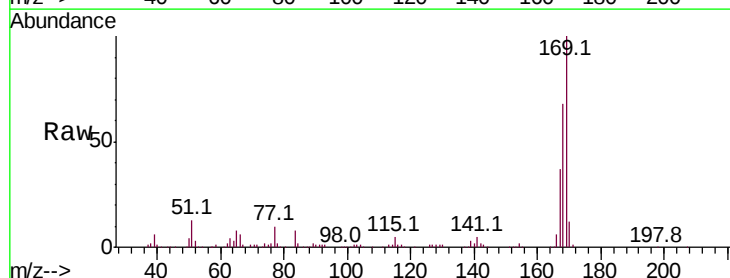
Manual Integrations  
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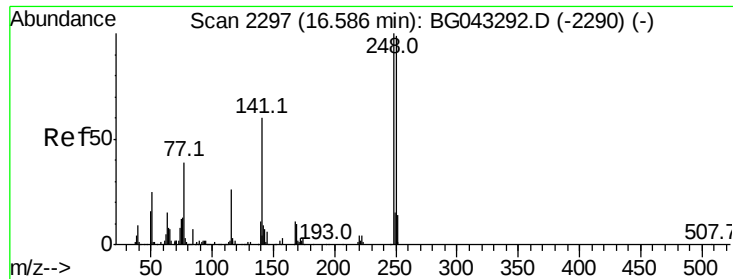
Sohil  
 11/8/2019 3:33:02 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.766 ng  
 RT: 15.89 min Scan# 2179  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.9  | 53.8  | 80.6  |
| 167     | 37.4  | 27.5  | 41.3  |





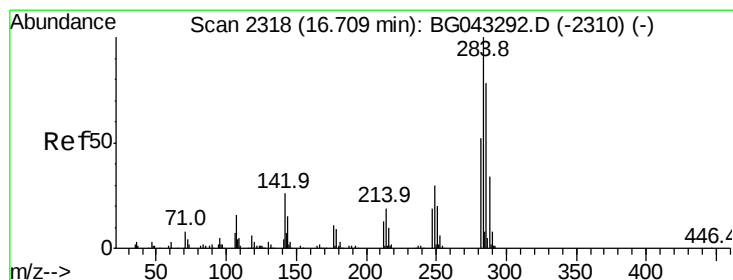
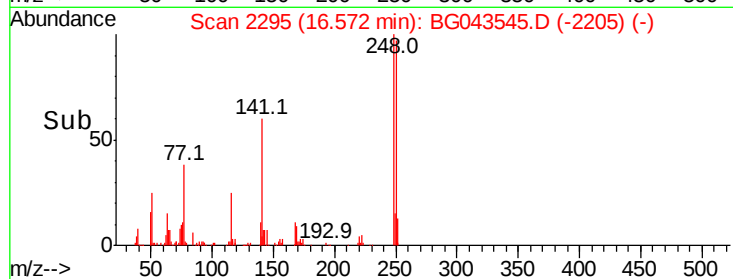
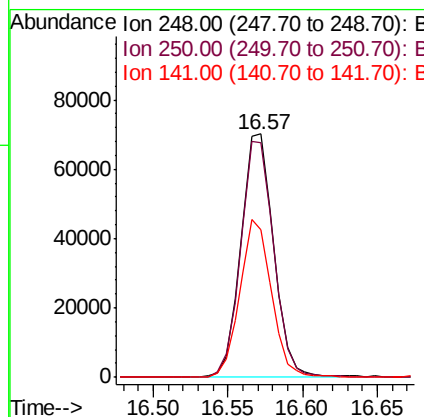
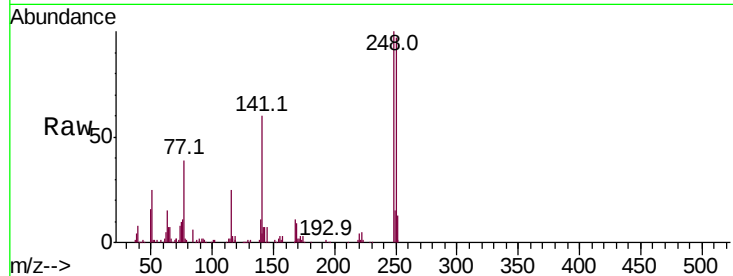
#67  
4-Bromophenyl-phenylether  
Concen: 40.429 ng  
RT: 16.57 min Scan# 2295  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.5  | 77.0  | 115.4 |
| 141     | 60.5  | 47.5  | 71.3  |

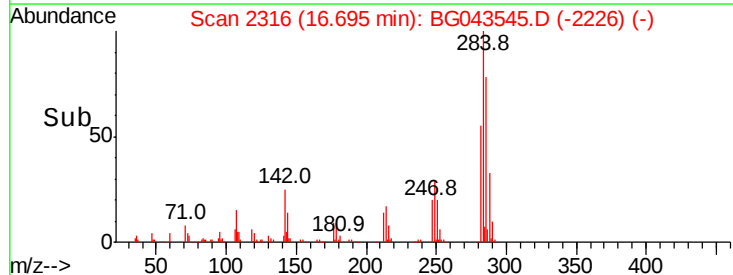
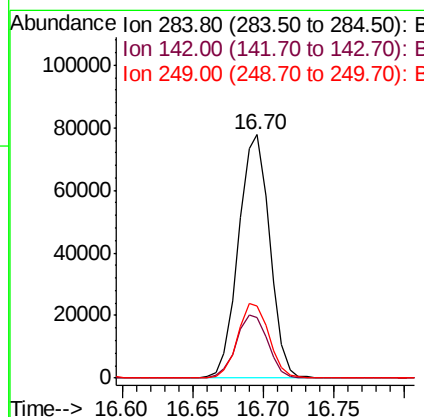
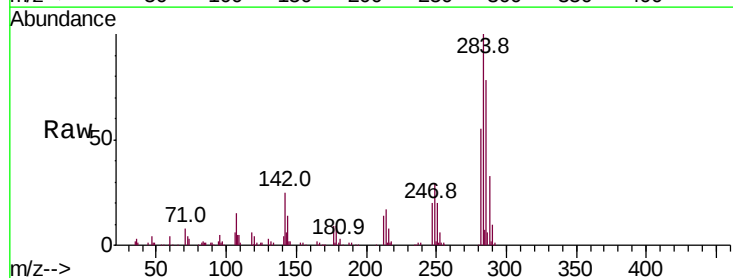
Manual Integrations  
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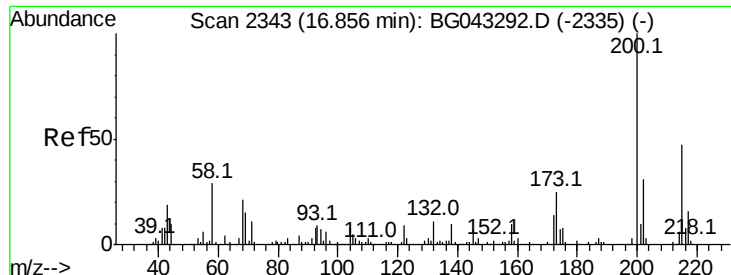
Sohil  
11/8/2019 3:33:02 PM



#68  
Hexachlorobenzene  
Concen: 39.726 ng  
RT: 16.70 min Scan# 2316  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.0  | 19.8  | 29.8  |
| 249     | 29.4  | 23.8  | 35.6  |





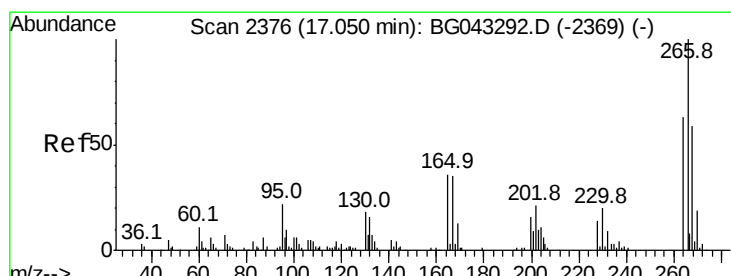
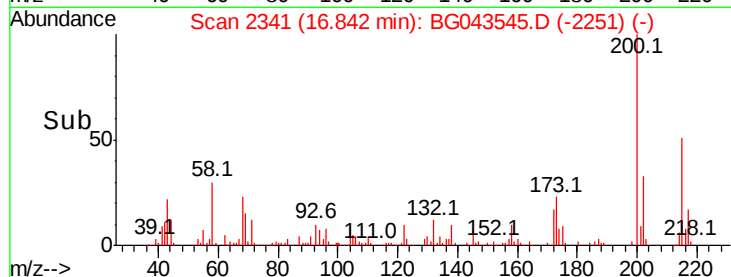
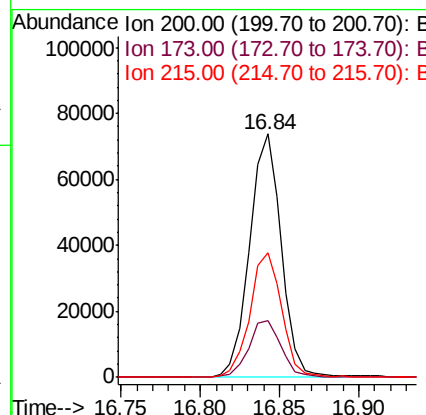
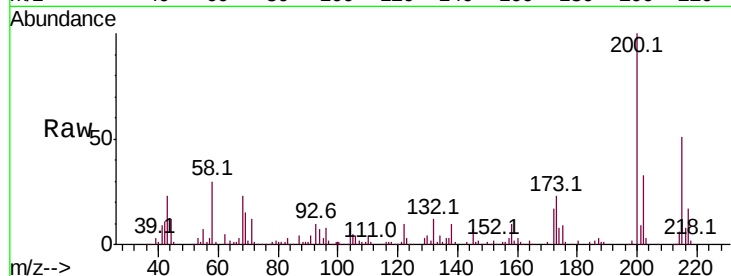
#69  
Atrazine  
Concen: 53.213 ng  
RT: 16.84 min Scan# 2341  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.3  | 4.7        | 44.7  |
| 215     | 51.4  | 28.5       | 68.5  |

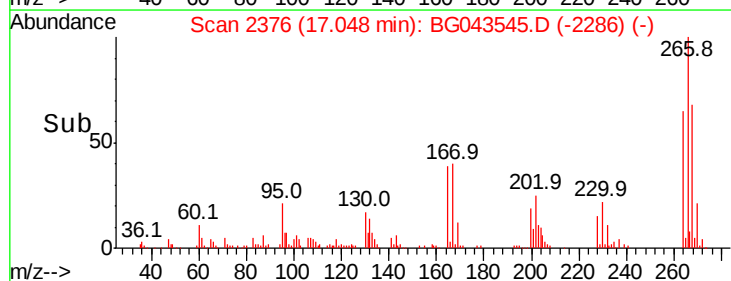
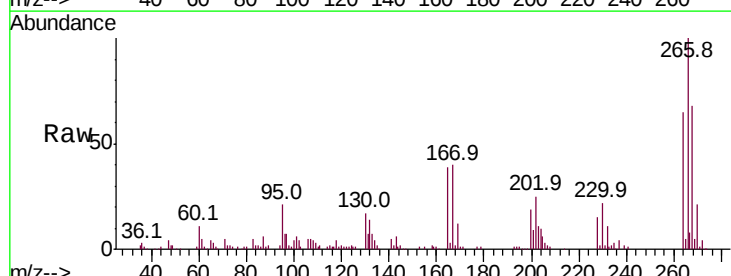
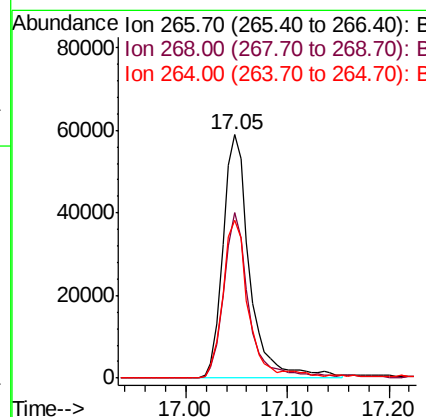
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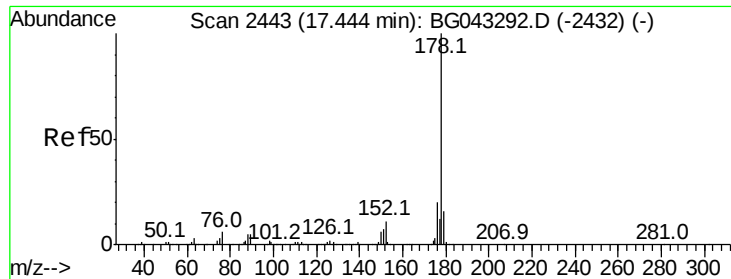
Sohil  
11/8/2019 3:33:02 PM



#70  
Pentachlorophenol  
Concen: 78.325 ng  
RT: 17.05 min Scan# 2376  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 67.8  | 50.4       | 75.6  |
| 264     | 64.8  | 48.9       | 73.3  |





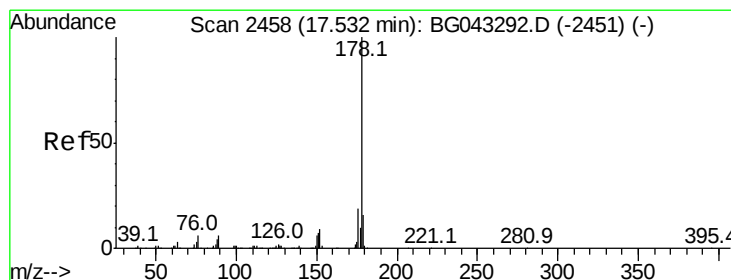
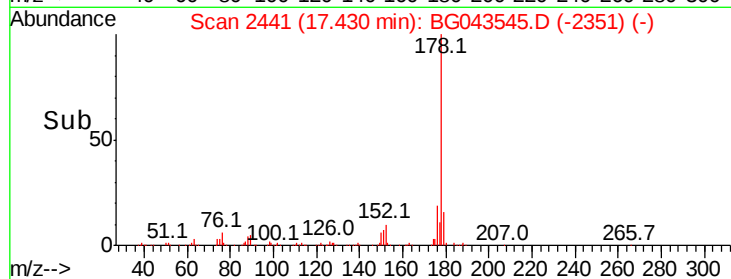
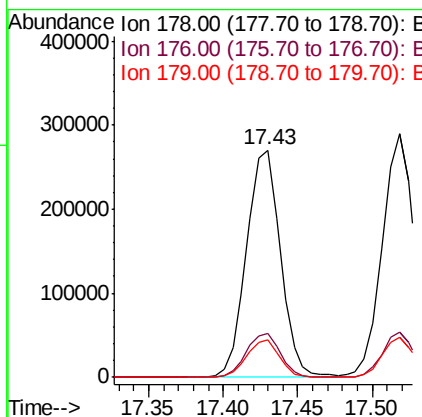
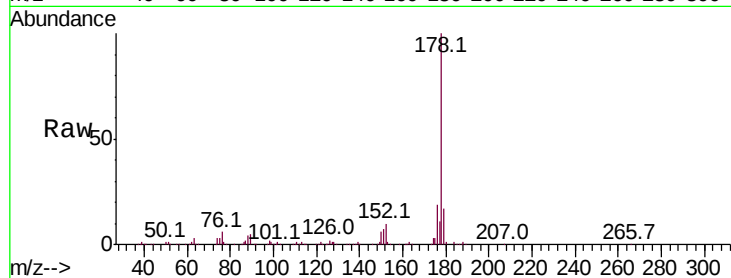
#71  
Phenanthrene  
Concen: 42.480 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.0  |
| 179     | 16.6  | 13.0  | 19.6  |

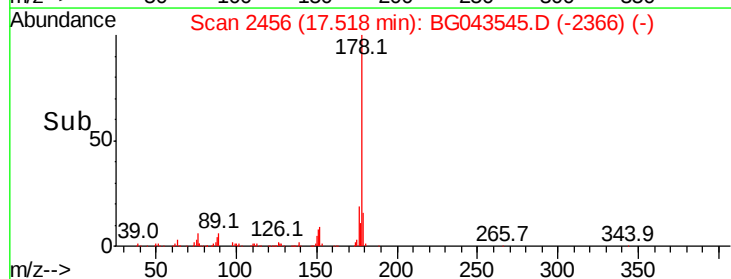
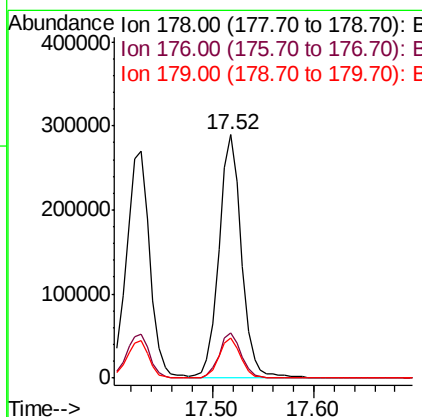
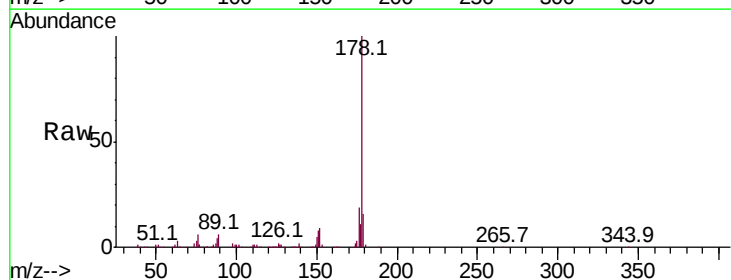
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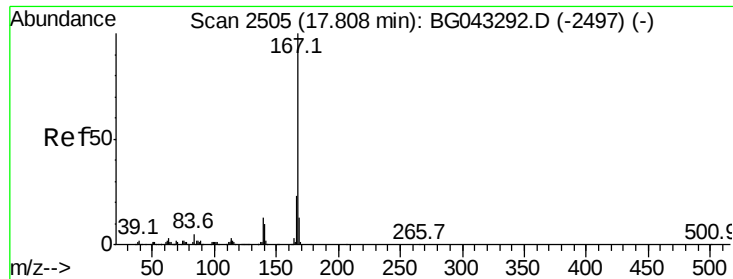
Sohil  
11/8/2019 3:33:02 PM



#72  
Anthracene  
Concen: 44.172 ng  
RT: 17.52 min Scan# 2456  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.5  | 23.3  |
| 179     | 16.4  | 13.7  | 20.5  |





#73

Carbazole

Concen: 43.976 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

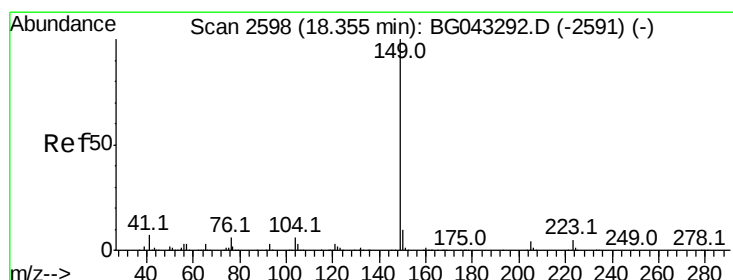
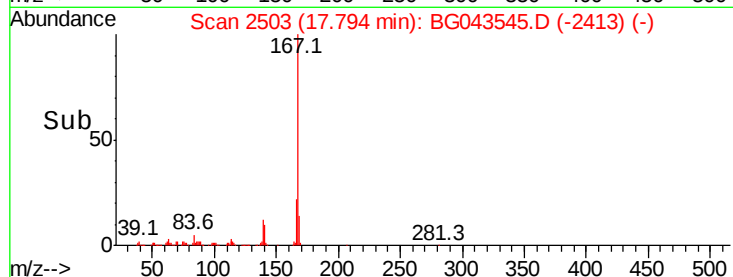
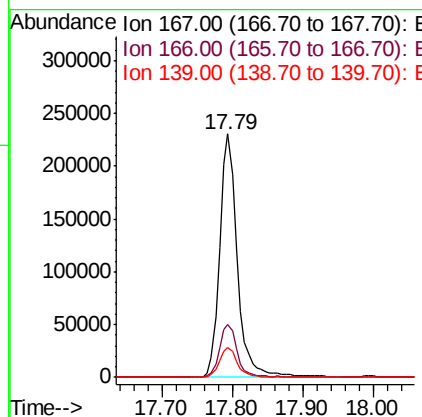
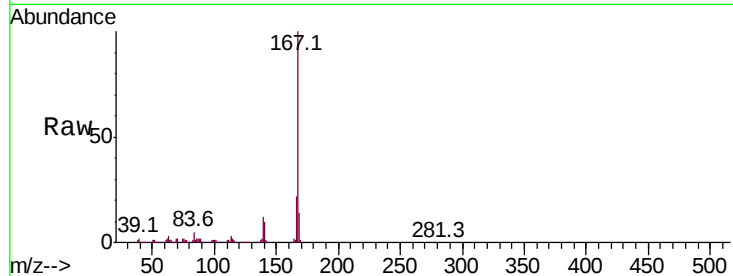
ClientSampleId :

TP- 32-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 399999 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.9  | 18.7  | 28.1   |
| 139       | 12.3  | 10.0  | 15.0   |

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#74

Di-n-butylphthalate

Concen: 42.305 ng

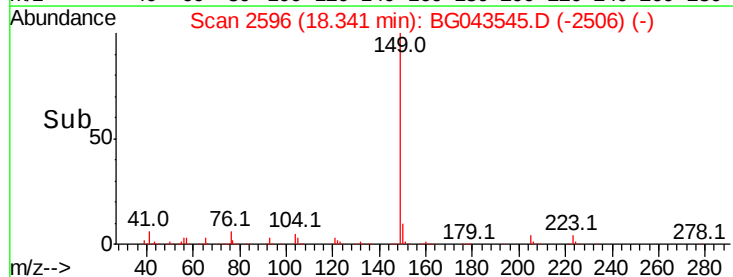
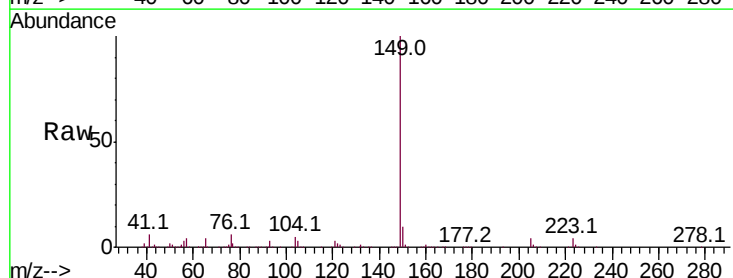
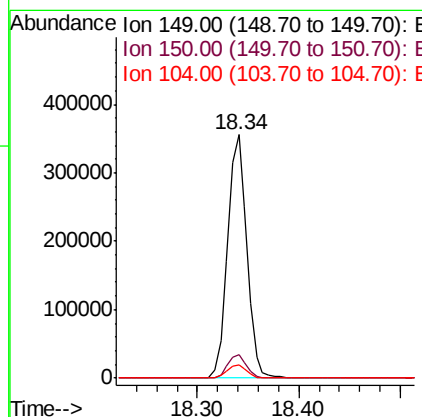
RT: 18.34 min Scan# 2596

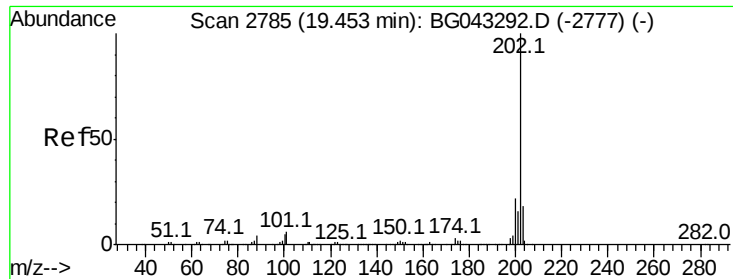
Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 466900 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 8.0   | 12.0   |
| 104       | 5.4   | 4.4   | 6.6    |





#75

Fluoranthene

Concen: 43.760 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

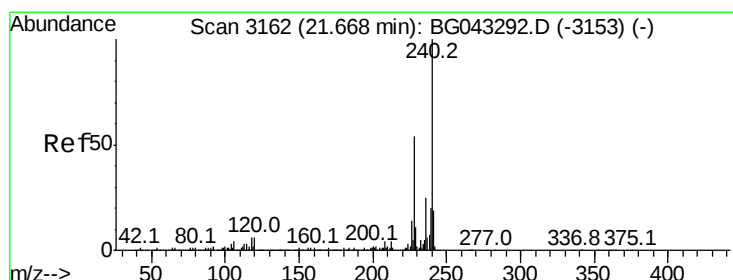
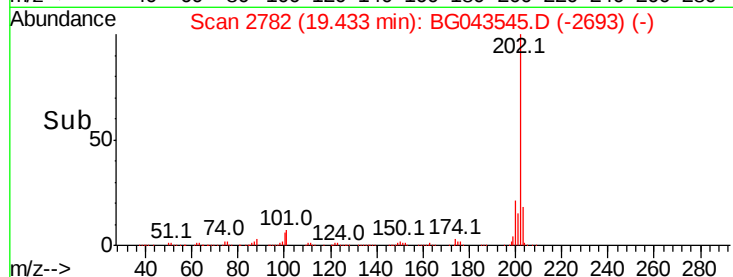
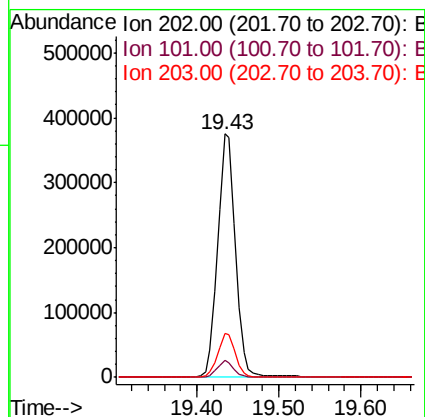
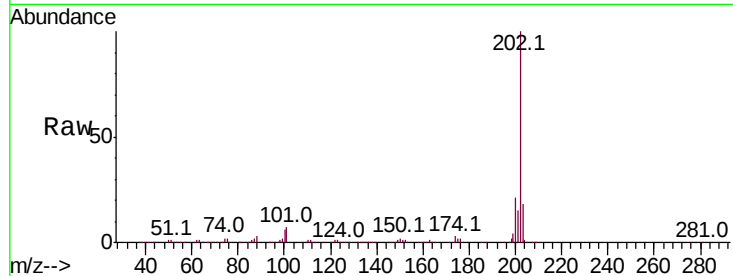
ClientSampleId :

TP- 32-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 572731 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.9   | 0.0   | 26.3   |
| 203       | 18.2  | 0.0   | 37.9   |

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#76

Chrysene-d12

Concen: 20.000 ng

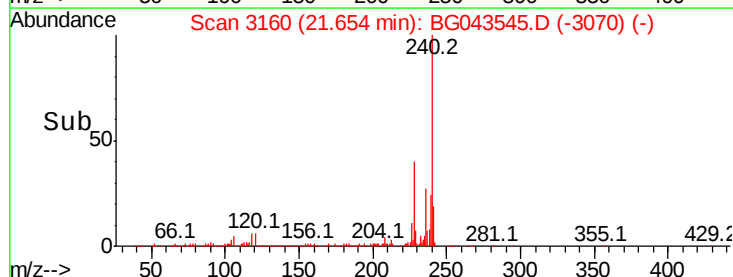
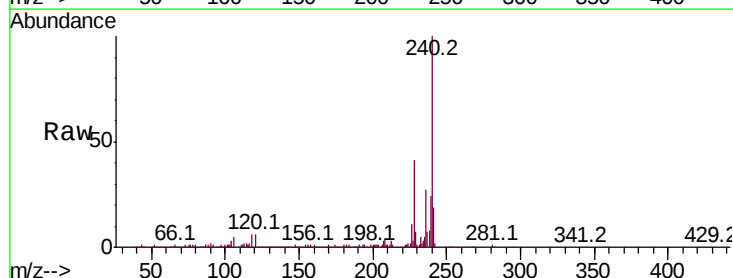
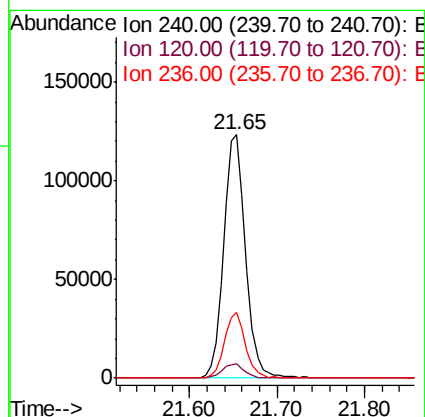
RT: 21.65 min Scan# 3160

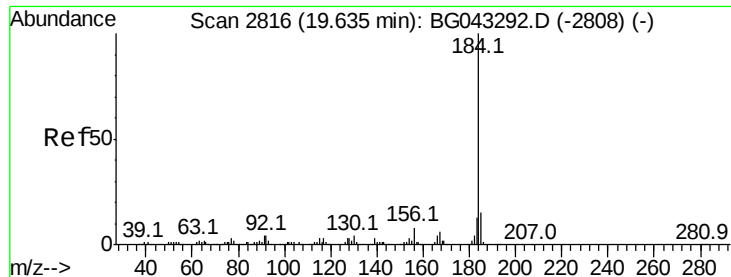
Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 212347 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 5.8   | 4.6   | 6.8    |
| 236       | 26.8  | 19.8  | 29.8   |





#77

Benzidine

Concen: 44.323 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

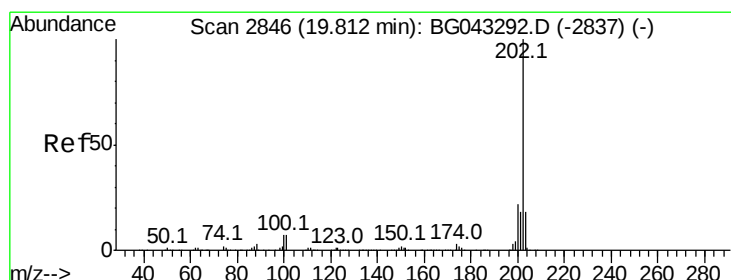
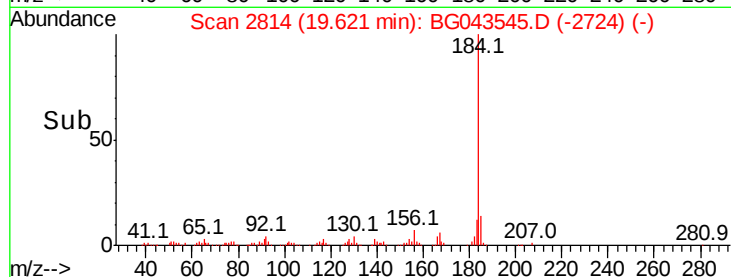
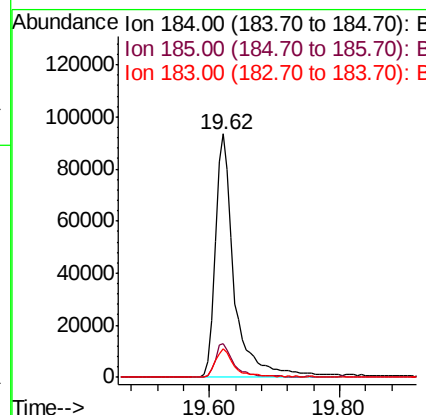
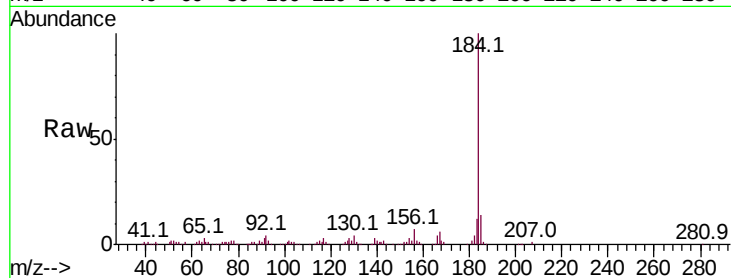
ClientSampleId :

TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.9  | 11.0  | 16.4  |
| 183     | 11.9  | 10.0  | 15.0  |

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#78

Pyrene

Concen: 43.845 ng

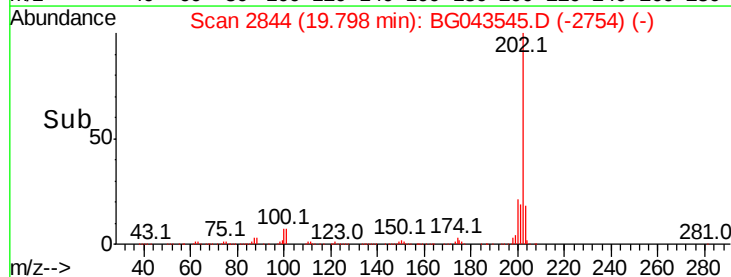
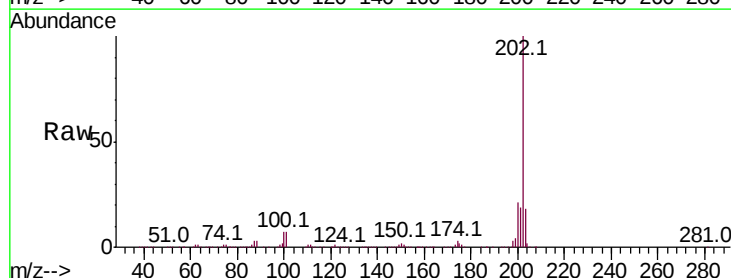
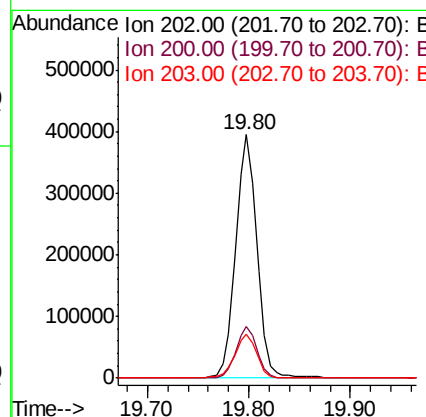
RT: 19.80 min Scan# 2844

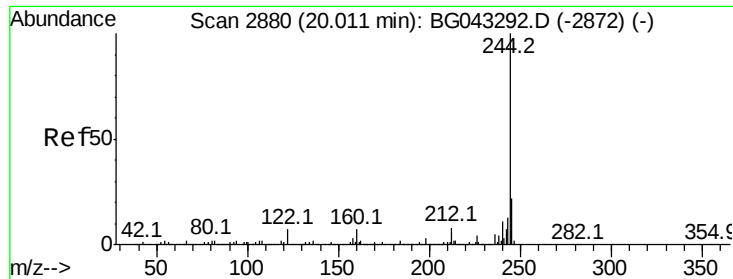
Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.0  | 25.4  |
| 203     | 17.8  | 14.7  | 22.1  |





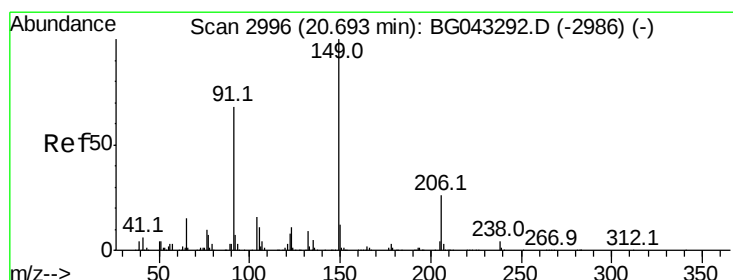
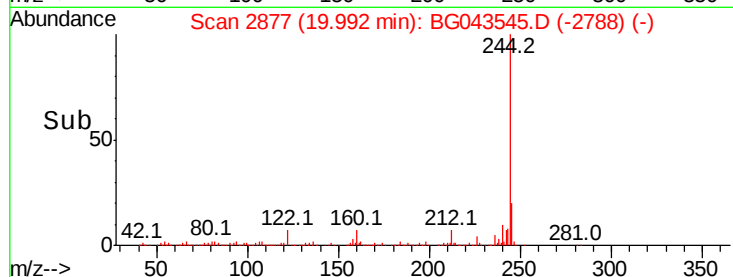
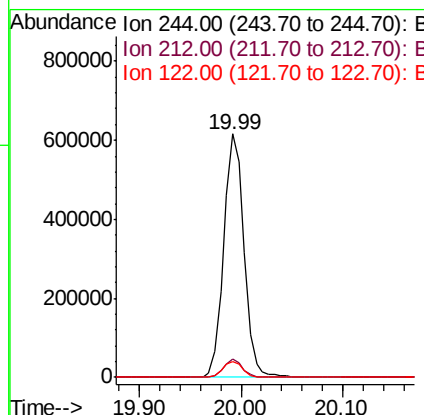
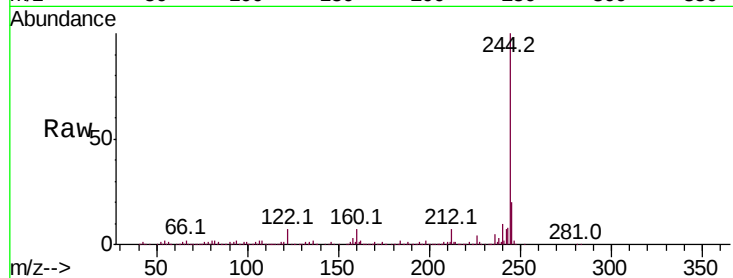
#79  
 Terphenyl-d14  
 Concen: 75.613 ng  
 RT: 19.99 min Scan# 2877  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 855848 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.4   | 5.8   | 8.6    |
| 122       | 6.7   | 5.4   | 8.2    |

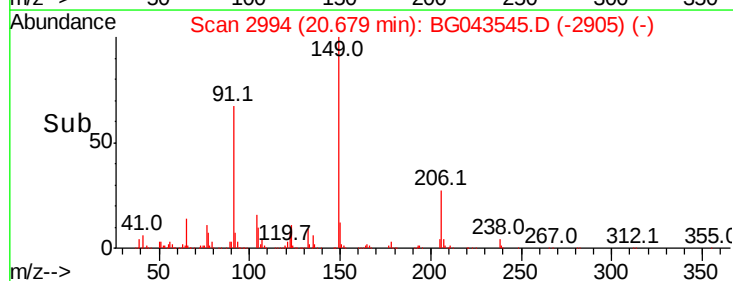
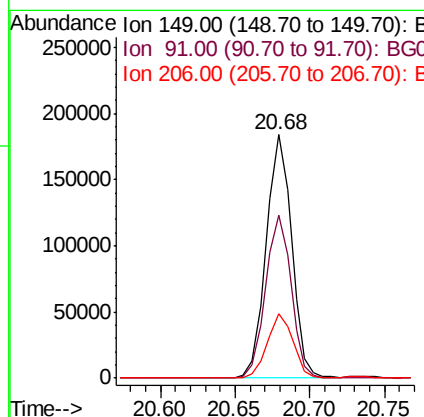
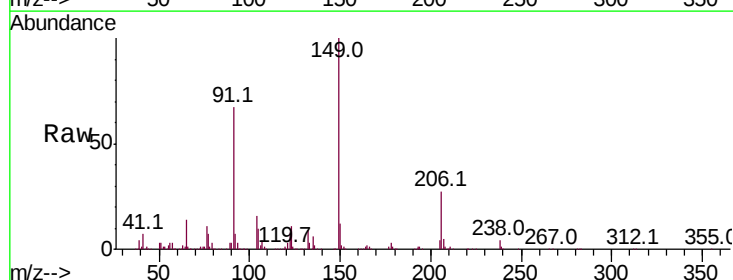
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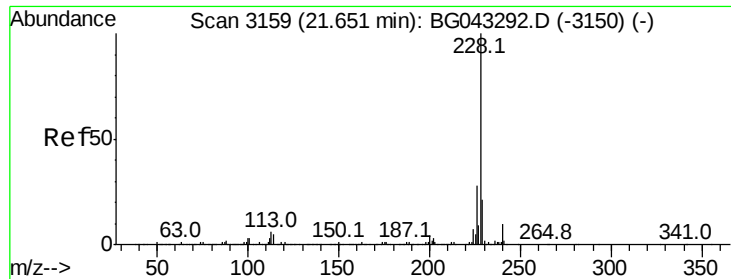
Sohil  
 11/8/2019 3:33:02 PM



#80  
 Butylbenzylphthalate  
 Concen: 43.496 ng  
 RT: 20.68 min Scan# 2994  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 216597 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 67.0  | 51.2  | 76.8   |
| 206       | 26.6  | 22.5  | 33.7   |





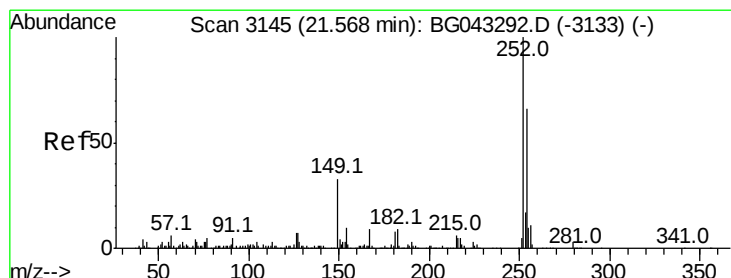
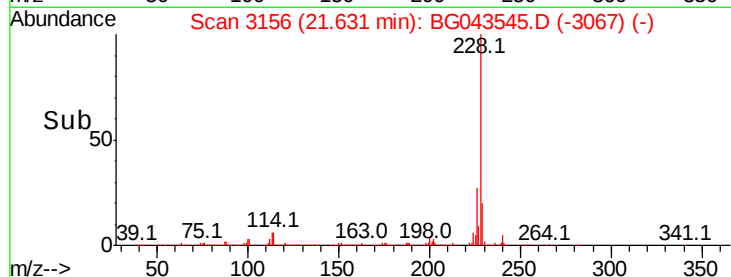
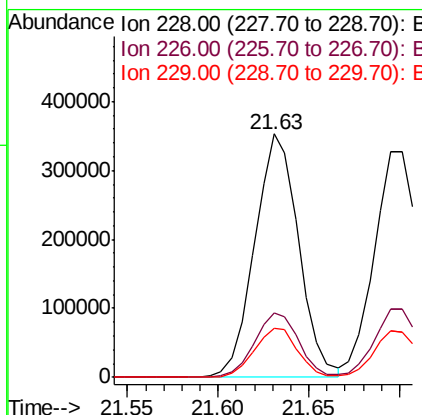
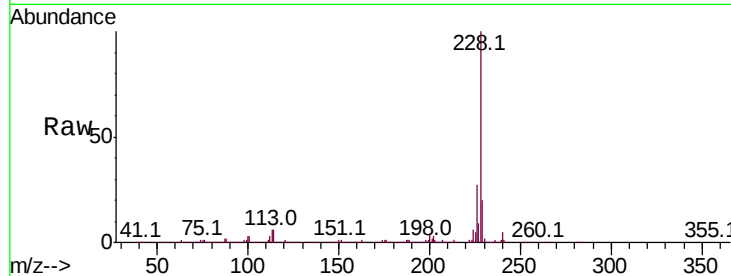
#81  
Benzo(a)anthracene  
Concen: 44.631 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.6  | 22.2  | 33.2  |
| 229     | 20.0  | 17.0  | 25.4  |

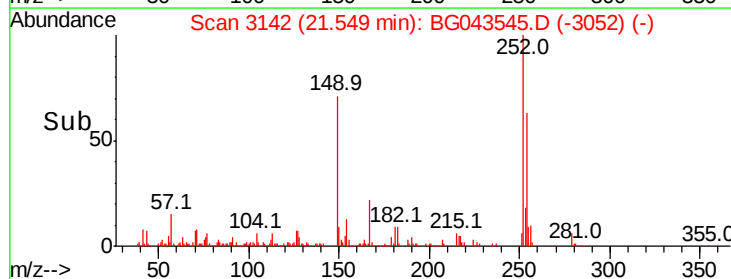
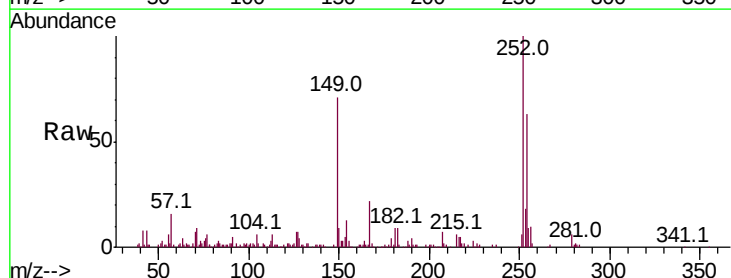
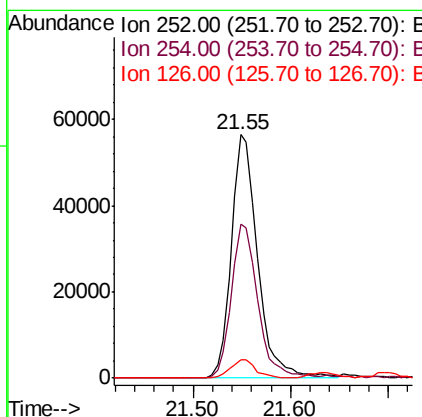
Manual Integrations  
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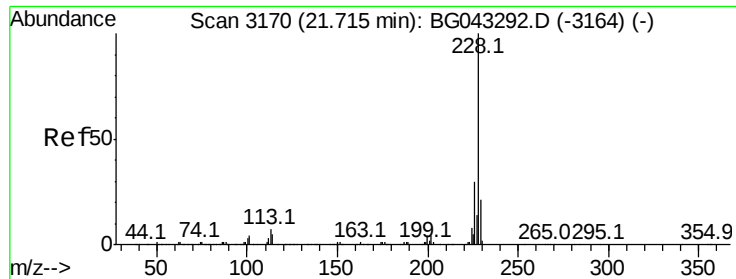
Sohil  
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#82  
3,3'-Dichlorobenzidine  
Concen: 20.541 ng  
RT: 21.55 min Scan# 3142  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.1  | 50.8  | 76.2  |
| 126     | 7.3   | 6.1   | 9.1   |





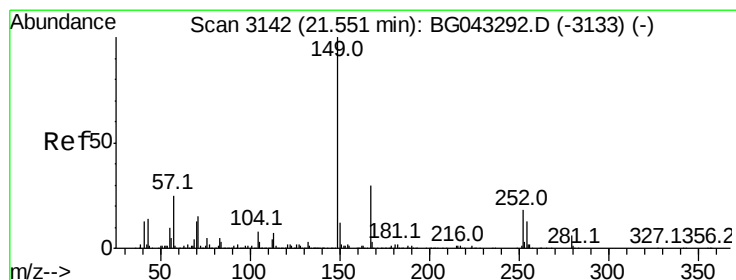
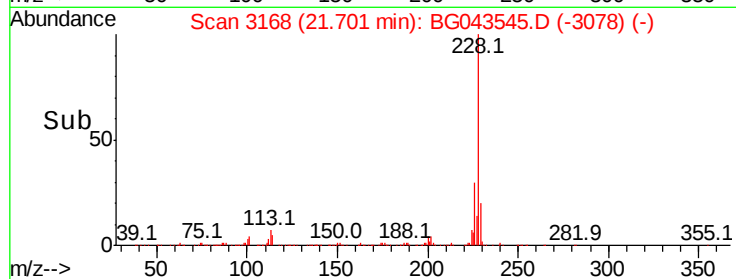
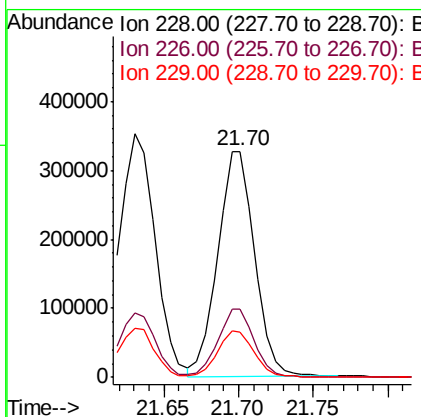
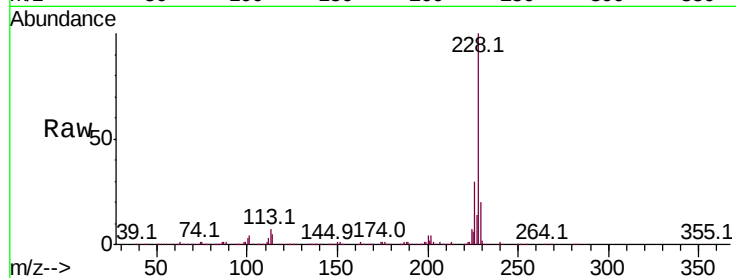
#83  
 Chrysene  
 Concen: 42.813 ng  
 RT: 21.70 min Scan# 3168  
 Delta R.T. -0.00 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP- 32-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 565814 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.2  | 25.1  | 37.7   |
| 229       | 20.0  | 17.0  | 25.4   |

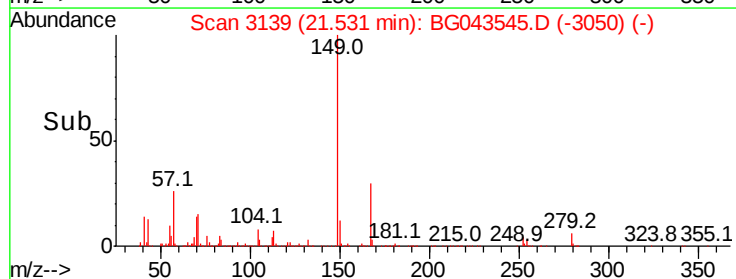
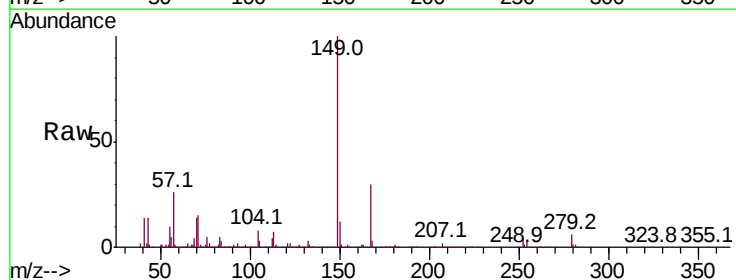
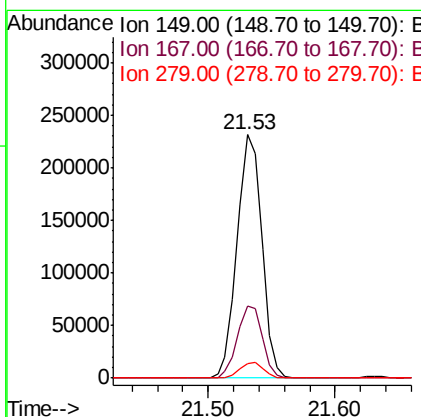
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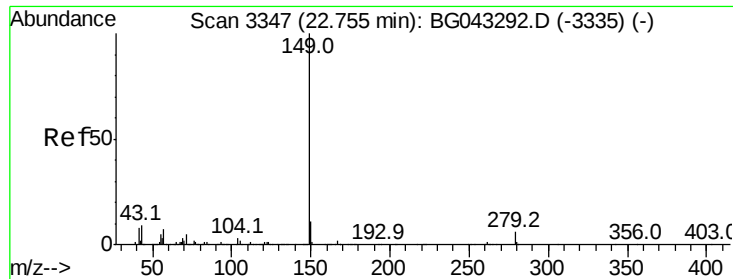
Sohil  
 11/8/2019 3:33:02 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.166 ng  
 RT: 21.53 min Scan# 3139  
 Delta R.T. -0.01 min  
 Lab File: BG043545.D  
 Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 312423 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 29.8  | 24.0  | 36.0   |
| 279       | 5.8   | 5.4   | 8.2    |





#85

Di-n-octyl phthalate

Concen: 43.462 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

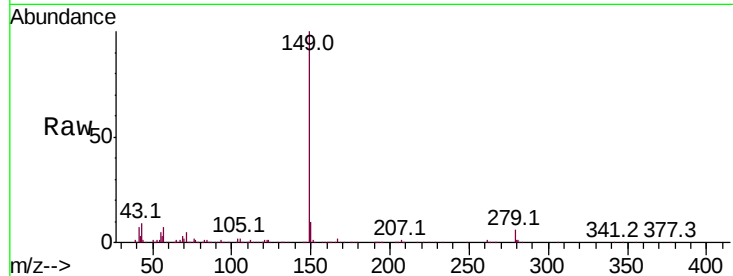
ClientSampleId :

TP- 32-DMSD

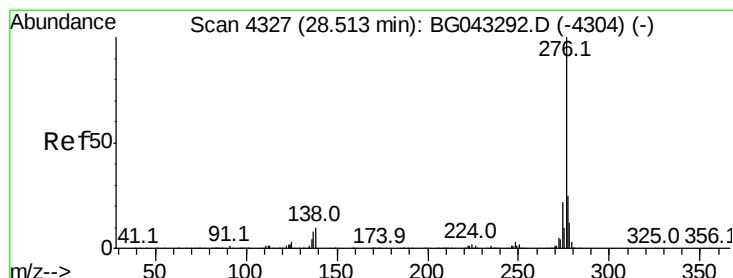
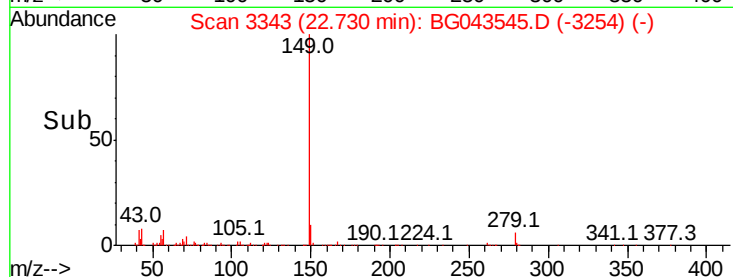
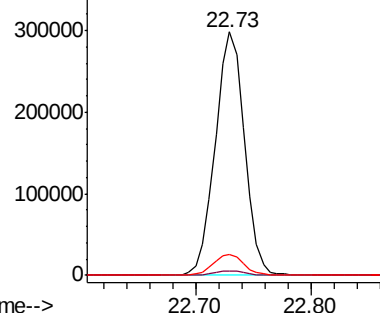
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 521592 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.2    |
| 43        | 8.8   | 7.0   | 10.6   |

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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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.141 ng

RT: 28.49 min Scan# 4323

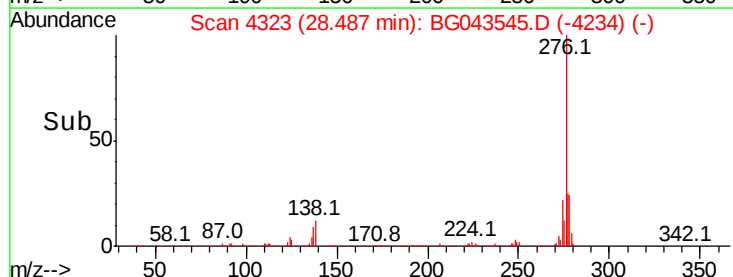
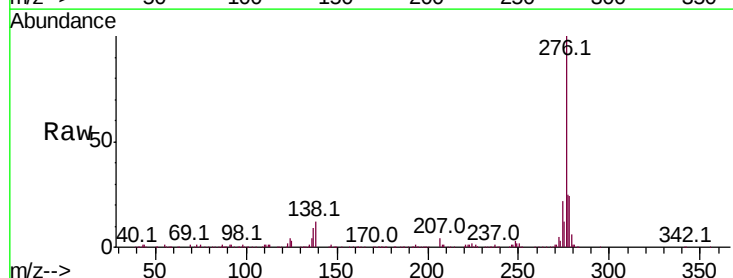
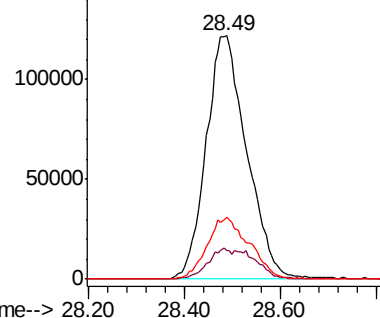
Delta R.T. -0.01 min

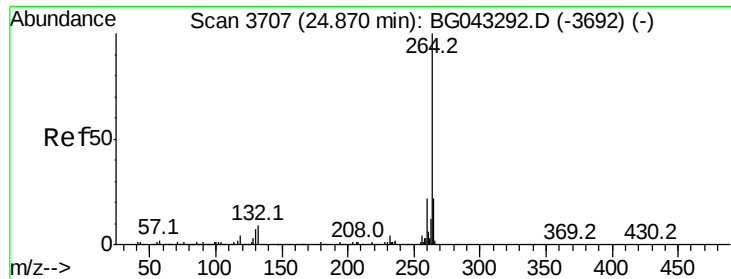
Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 715677 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 7.4   | 6.8   | 10.2   |
| 277       | 26.3  | 20.9  | 31.3   |

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

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA\_G

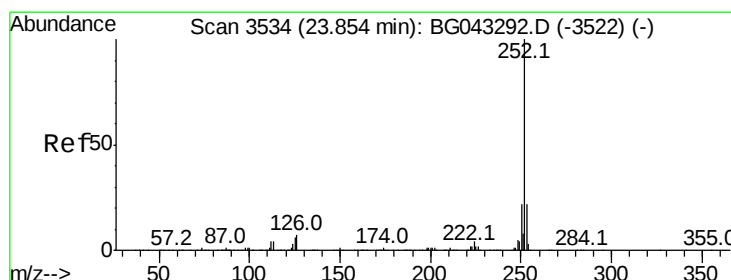
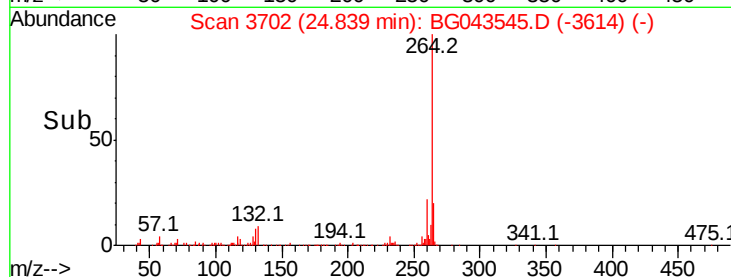
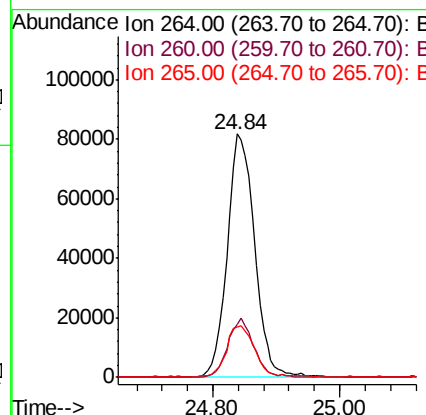
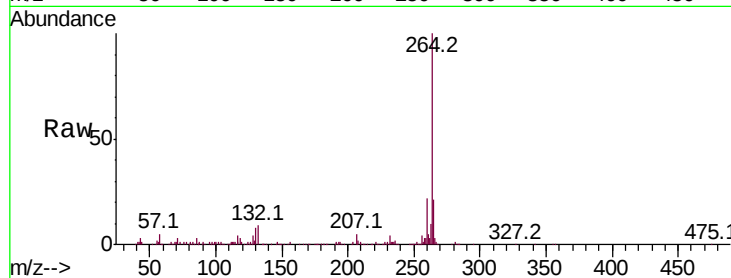
ClientSampled :

TP- 32-DMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 245248 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 21.7  | 17.5  | 26.3   |
| 265       | 20.7  | 17.4  | 26.0   |

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#88

Benzo(b)fluoranthene

Concen: 42.877 ng

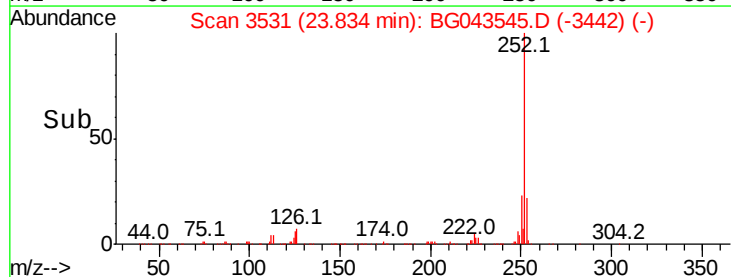
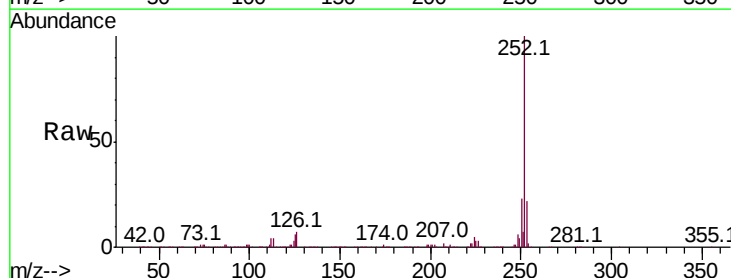
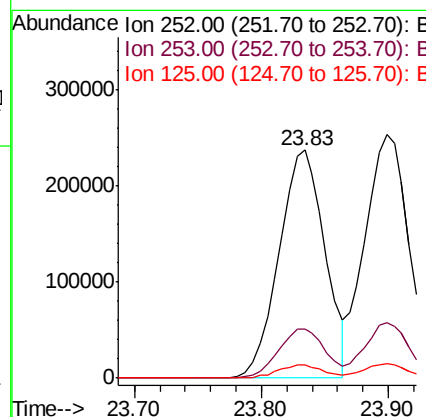
RT: 23.83 min Scan# 3531

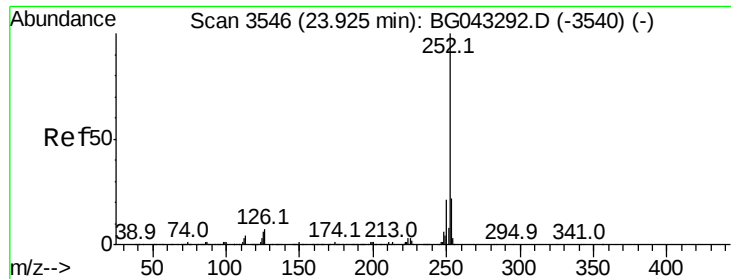
Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 595562 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.7  | 17.7  | 26.5   |
| 125       | 6.0   | 4.5   | 6.7    |





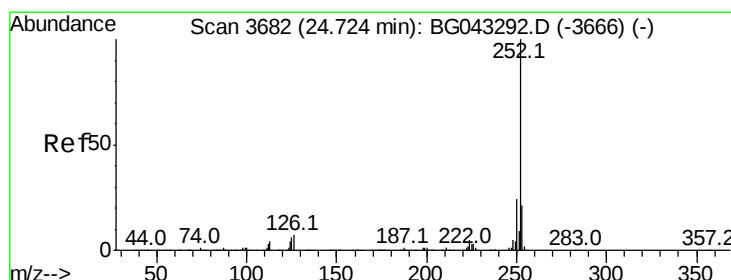
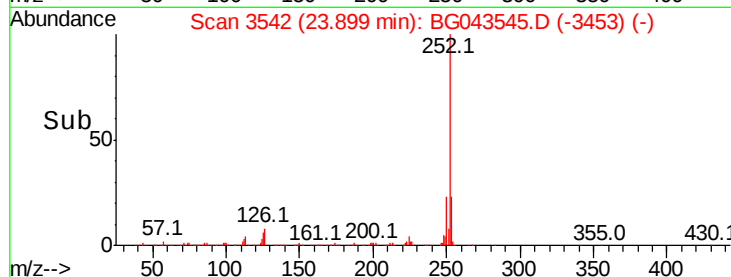
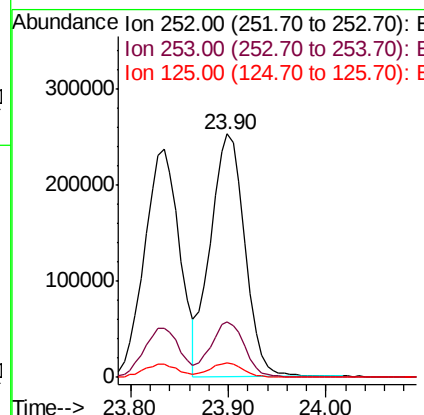
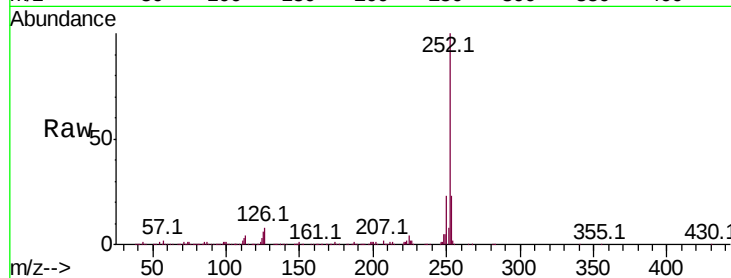
#89  
Benzo(k)fluoranthene  
Concen: 44.019 ng  
RT: 23.90 min Scan# 3542  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.3  | 25.9  |
| 125     | 5.9   | 4.6   | 6.8   |

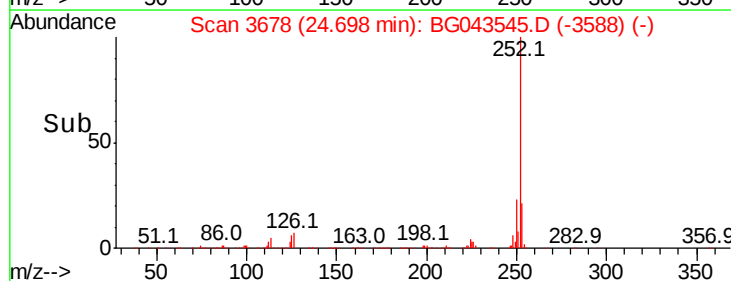
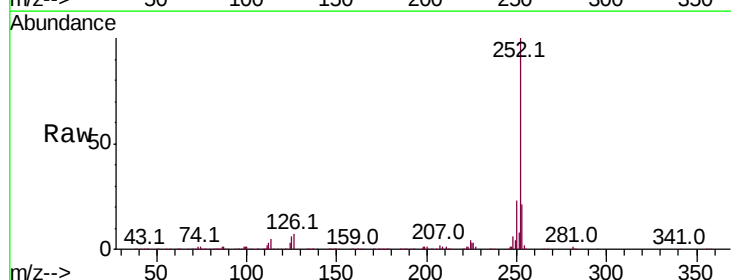
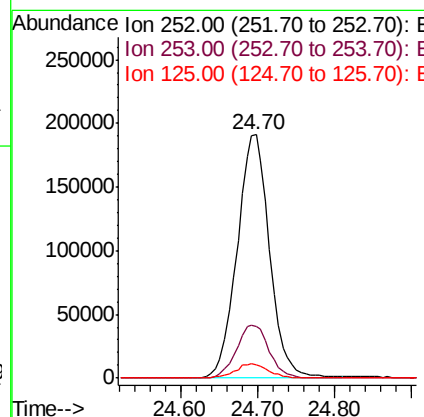
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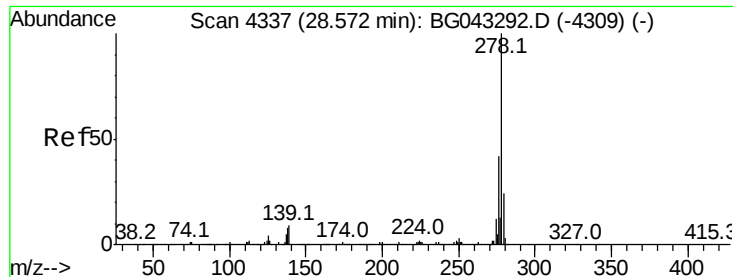
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#90  
Benzo(a)pyrene  
Concen: 42.399 ng  
RT: 24.70 min Scan# 3678  
Delta R.T. -0.00 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 17.8  | 26.8  |
| 125     | 5.6   | 5.4   | 8.2   |





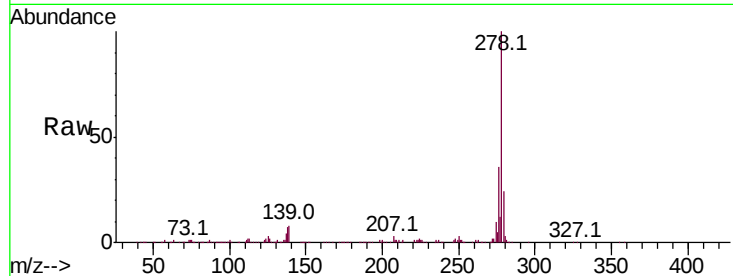
#91  
Dibenzo(a,h)anthracene  
Concen: 45.270 ng  
RT: 28.54 min Scan# 4332  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

Instrument :  
BNA\_G  
ClientSampleId :  
TP- 32-DMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.1   | 7.4   | 11.0  |
| 279     | 23.9  | 19.1  | 28.7  |

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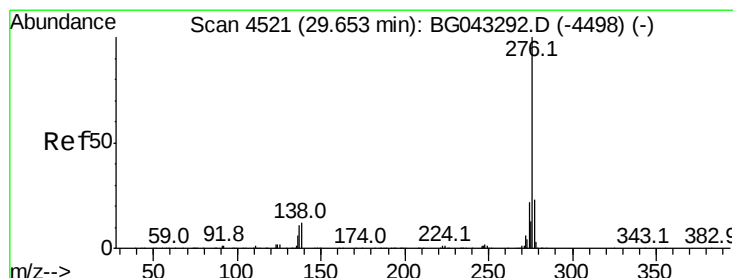
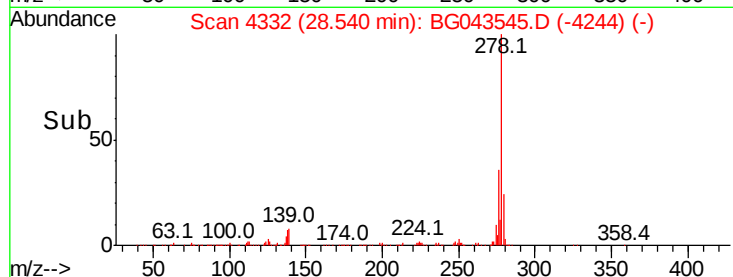
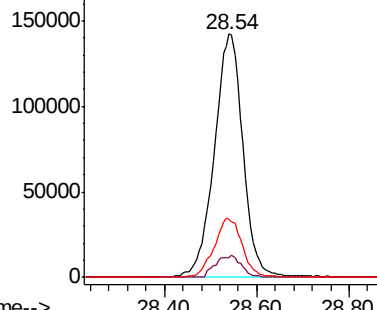


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 45.275 ng  
RT: 29.62 min Scan# 4516  
Delta R.T. -0.01 min  
Lab File: BG043545.D  
Acq: 7 Nov 2019 18:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.9  | 28.3  |
| 138     | 12.1  | 8.9   | 13.3  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

