

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\  
 Data File : BG044326.D  
 Acq On : 6 Feb 2020 17:14  
 Operator : CG/JU  
 Sample : L1408-02MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

Manual Integrations  
 APPROVED

mohammad  
 2/10/2020 8:17:00 AM

Quant Time: Feb 06 22:17:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 90843    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.71 | 136  | 393916   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.55 | 164  | 263560   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.29 | 188  | 545390   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.54 | 240  | 463067   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.64 | 264  | 536690   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.50  | 112 | 740654  | 143.89 | ng | 0.00 |
| 7) Phenol-d6                | 7.09  | 99  | 993585  | 143.74 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.07  | 82  | 594079  | 85.14  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.04 | 330 | 400189  | 129.34 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.18 | 172 | 1340971 | 85.20  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.91 | 244 | 1799239 | 79.92  | ng | 0.00 |

|                                |       |     |         |           |        |
|--------------------------------|-------|-----|---------|-----------|--------|
| Target Compounds               |       |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.38  | 88  | 98196   | 42.460 ng | 99     |
| 3) Pyridine                    | 3.77  | 79  | 249328  | 40.465 ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.69  | 42  | 122732  | 47.668 ng | 97     |
| 6) Aniline                     | 7.24  | 93  | 274772  | 32.026 ng | 99     |
| 8) 2-Chlorophenol              | 7.48  | 128 | 331196  | 58.545 ng | 98     |
| 9) Benzaldehyde                | 7.05  | 77  | 146074  | 37.106 ng | 99     |
| 10) Phenol                     | 7.11  | 94  | 409086  | 59.801 ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.33  | 93  | 292551  | 50.023 ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 327764  | 48.526 ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 331438  | 49.544 ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 312042  | 49.349 ng | 99     |
| 15) Benzyl Alcohol             | 8.15  | 79  | 274100  | 56.012 ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 379919  | 47.996 ng | 99     |
| 17) 2-Methylphenol             | 8.36  | 107 | 280487  | 57.468 ng | 99     |
| 18) Hexachloroethane           | 9.00  | 117 | 121555  | 48.421 ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 235294  | 51.077 ng | 98     |
| 20) 3+4-Methylphenols          | 8.69  | 107 | 386593  | 57.474 ng | 98     |
| 22) Acetophenone               | 8.73  | 105 | 435976  | 45.496 ng | 99     |
| 24) Nitrobenzene               | 9.11  | 77  | 329242  | 48.335 ng | 100    |
| 25) Isophorone                 | 9.64  | 82  | 648729  | 49.883 ng | 99     |
| 26) 2-Nitrophenol              | 9.82  | 139 | 190502  | 53.898 ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.89  | 122 | 319919  | 64.121 ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.12 | 93  | 413088  | 47.615 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.37 | 162 | 336514  | 55.780 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.58 | 180 | 327492  | 47.342 ng | 99     |
| 31) Naphthalene                | 10.76 | 128 | 942078  | 49.293 ng | 99     |
| 32) Benzoic acid               | 10.06 | 122 | 169422  | 50.504 ng | 91     |
| 33) 4-Chloroaniline            | 10.87 | 127 | 129087  | 14.851 ng | 97     |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 191895  | 45.082 ng | 99     |
| 35) Caprolactam                | 11.65 | 113 | 121395m | 54.931 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.01 | 107 | 343713  | 54.340 ng | 99     |
| 37) 2-Methylnaphthalene        | 12.37 | 142 | 716644  | 50.504 ng | 99     |
| 38) 1-Methylnaphthalene        | 12.59 | 142 | 682143  | 50.990 ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 355930  | 45.146 ng | 98     |

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Manual Integrations  
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 2/10/2020 8:17:00 AM

Quant Time: Feb 06 22:17:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.73 | 237  | 431308   | 114.014 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 267376   | 52.468  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.06 | 196  | 280564   | 53.902  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 900492   | 47.367  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.42 | 162  | 705783   | 46.654  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.62 | 65   | 204068   | 45.709  | nq    | 97       |
| 49) Acenaphthylene             | 14.27 | 152  | 1109712  | 50.013  | nq    | 99       |
| 50) Dimethylphthalate          | 14.01 | 163  | 998307   | 52.694  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.12 | 165  | 211054   | 49.963  | nq    | 98       |
| 52) Acenaphthene               | 14.62 | 154  | 698780   | 48.587  | nq    | 97       |
| 53) 3-Nitroaniline             | 14.45 | 138  | 118386   | 25.332  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.66 | 184  | 242440   | 95.252  | nq    | 97       |
| 55) Dibenzofuran               | 14.95 | 168  | 1048498  | 48.152  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.77 | 139  | 368899   | 107.761 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.91 | 165  | 287906   | 48.628  | nq    | 95       |
| 58) Fluorene                   | 15.60 | 166  | 831897   | 48.505  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.18 | 232  | 244314   | 51.965  | nq    | 99       |
| 60) Diethylphthalate           | 15.37 | 149  | 892801   | 47.294  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204  | 441114   | 47.436  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.62 | 138  | 201878   | 43.230  | nq    | 98       |
| 63) Azobenzene                 | 15.88 | 77   | 790646   | 47.788  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.68 | 198  | 177979   | 59.119  | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 781349   | 51.121  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.48 | 248  | 289090   | 48.652  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.61 | 284  | 315270   | 47.359  | nq    | 97       |
| 69) Atrazine                   | 16.76 | 200  | 289945   | 55.347  | nq    | 100      |
| 70) Pentachlorophenol          | 16.95 | 266  | 356426   | 104.863 | nq    | 96       |
| 71) Phenanthrene               | 17.34 | 178  | 1408439  | 53.330  | nq    | 97       |
| 72) Anthracene                 | 17.43 | 178  | 1373212  | 52.593  | nq    | 98       |
| 73) Carbazole                  | 17.69 | 167  | 1183366  | 49.162  | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.26 | 149  | 1431801  | 48.135  | nq    | 99       |
| 75) Fluoranthene               | 19.35 | 202  | 1777909  | 58.195  | nq    | 96       |
| 77) Benzidine                  | 19.53 | 184  | 341774   | 26.609  | nq    | 98       |
| 78) Pyrene                     | 19.71 | 202  | 1792971  | 60.292  | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.60 | 149  | 663575   | 48.965  | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.52 | 228  | 1626268  | 56.984  | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.44 | 252  | 326954   | 29.518  | nq    | 99       |
| 83) Chrysene                   | 21.59 | 228  | 1526574  | 55.339  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.44 | 149  | 942744   | 50.540  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.61 | 149  | 1640970  | 50.844  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.15 | 276  | 1902411  | 52.860  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.66 | 252  | 1705078  | 55.134  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.73 | 252  | 1575473  | 52.269  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.50 | 252  | 1588336  | 54.320  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.21 | 278  | 1491030  | 51.525  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.25 | 276  | 1611213  | 55.619  | nq    | 98       |

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

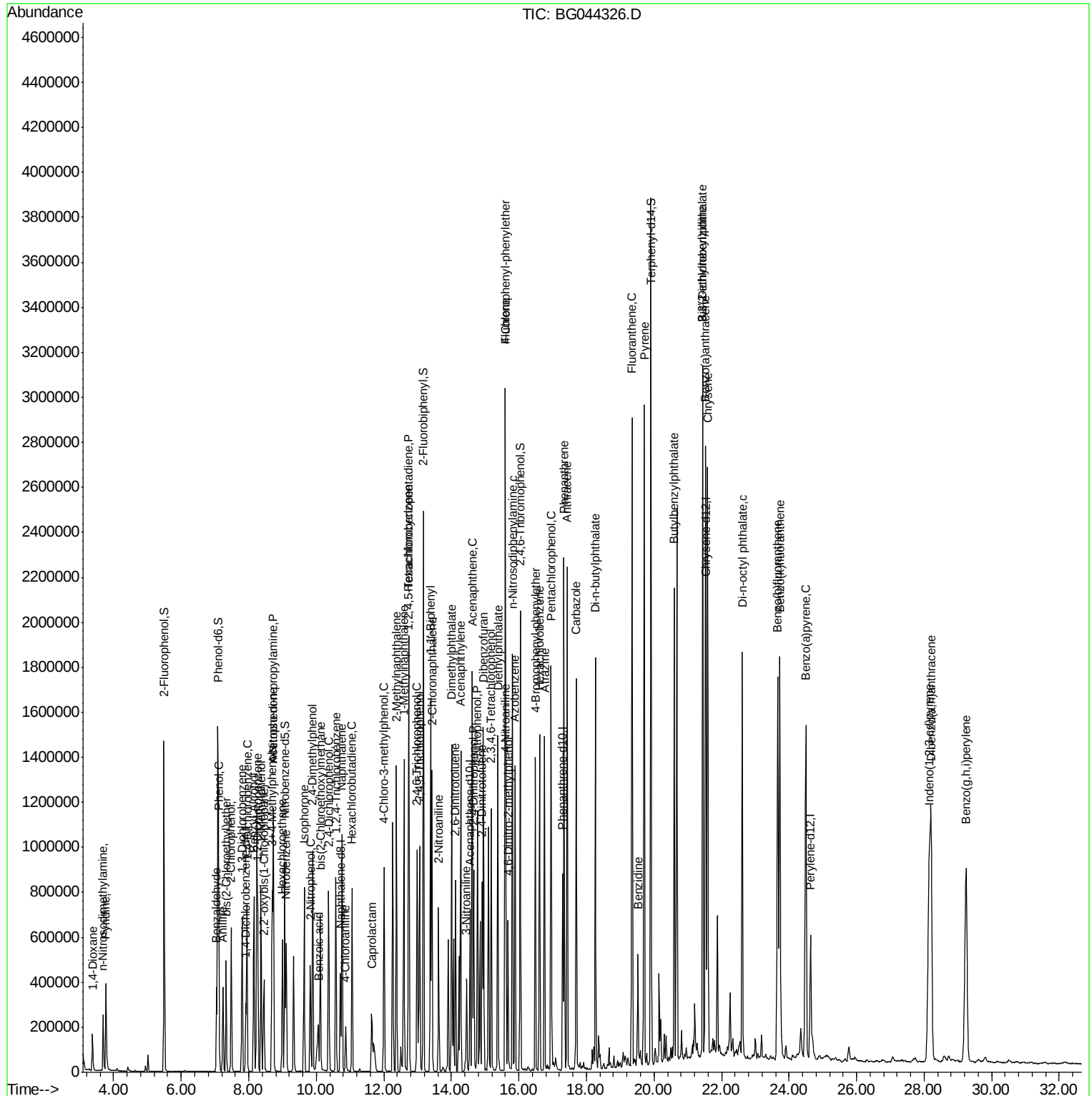
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\  
Data File : BG044326.D  
Acq On    : 6 Feb 2020 17:14  
Operator  : CG/JU  
Sample    : L1408-02MSD  
Misc      :  
ALS Vial  : 10 Sample Multiplier: 1
```

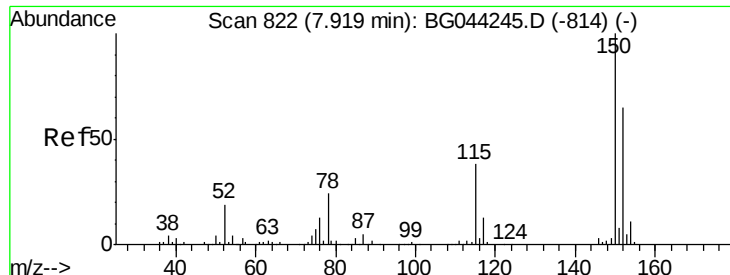
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SHORE-RD-PATH-BH-01-BMSD

## Manual Integrations

mohammad  
2/10/2020 8:17:00 AM

Quant Time: Feb 06 22:17:34 2020  
Quant Method : Z:\SV0ASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 30 16:05:09 2020  
Response via : Initial Calibration





#1

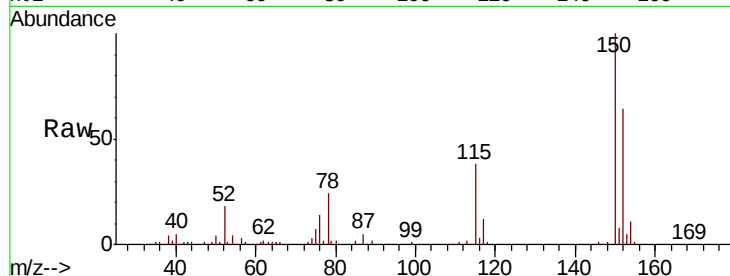
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.1 | 122.6 | 183.8 |
| 115     | 58.5  | 46.0  | 69.0  |

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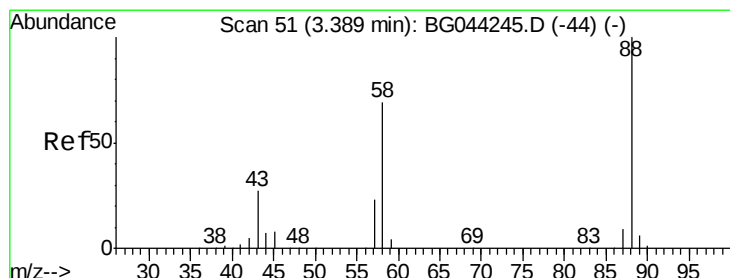
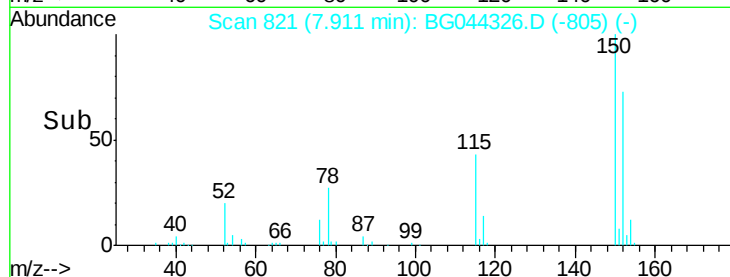
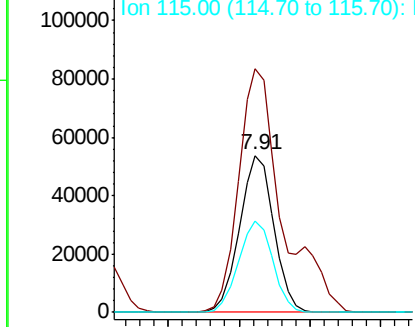


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

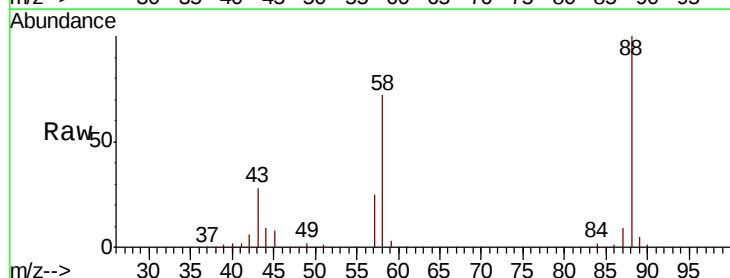
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 42.460 ng  
RT: 3.38 min Scan# 49  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.1  | 55.8  | 83.6  |
| 43      | 26.0  | 21.6  | 32.4  |

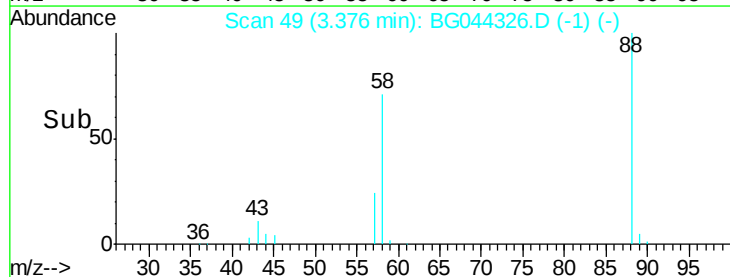
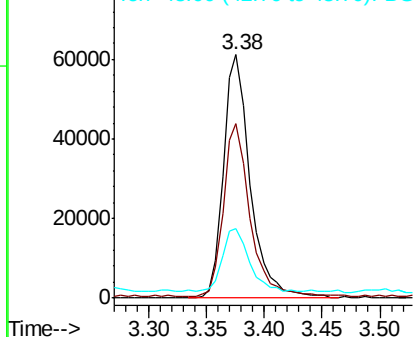


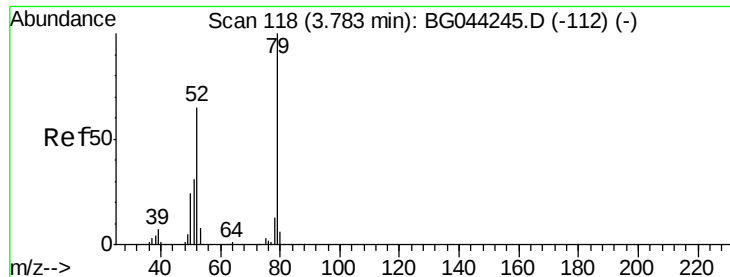
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





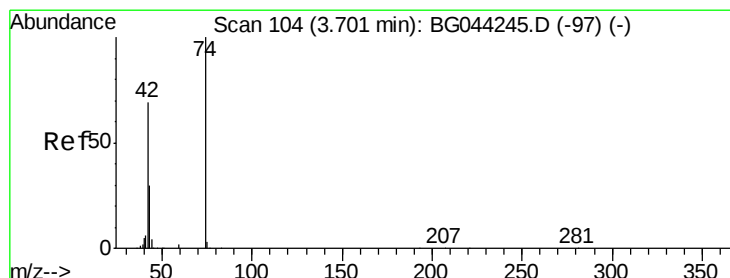
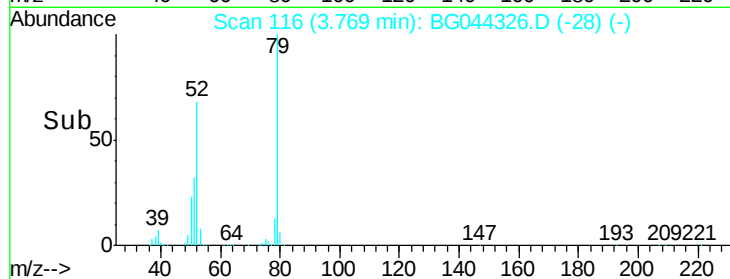
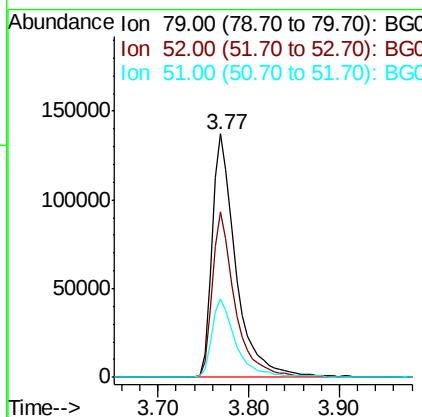
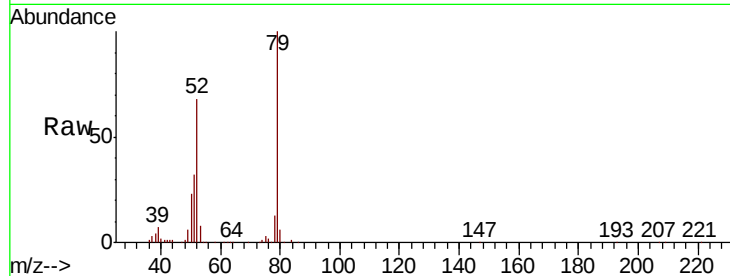
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 Pvridine  
 Concen: 40.465 ng  
 RT: 3.77 min Scan# 116  
 Delta R.T. -0.01 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 249328 |       |       |
| 52      | 67.8  |        | 51.9  | 77.9  |
| 51      | 32.5  |        | 25.3  | 37.9  |

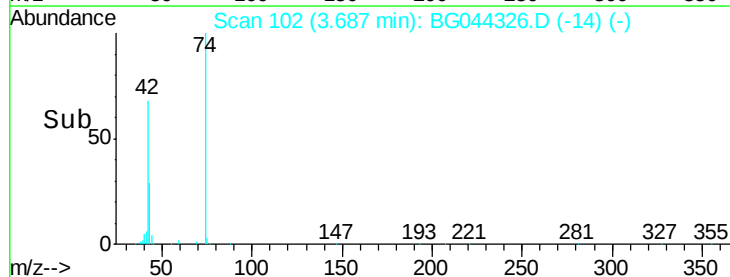
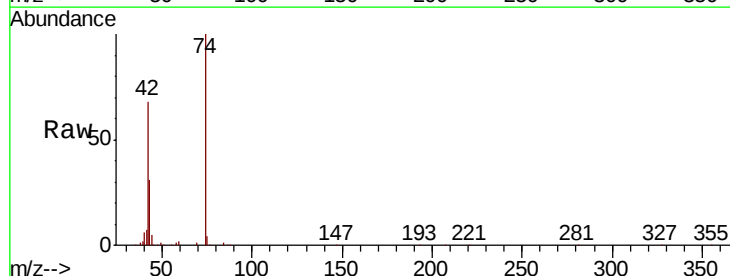
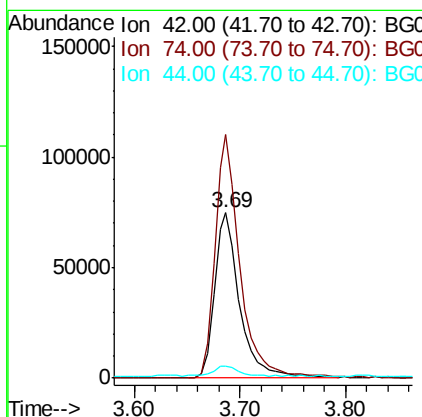
Manual Integrations  
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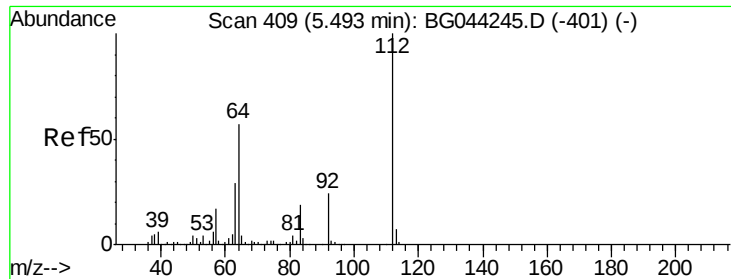
mohammad  
 2/10/2020 8:17:00 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 47.668 ng  
 RT: 3.69 min Scan# 102  
 Delta R.T. -0.01 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 122732 |       |       |
| 74      | 147.5 |        | 115.1 | 172.7 |
| 44      | 7.4   |        | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 143.890 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

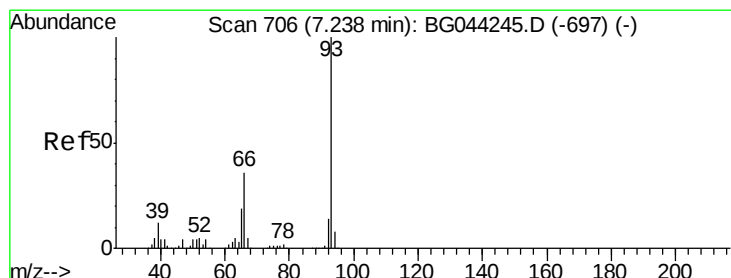
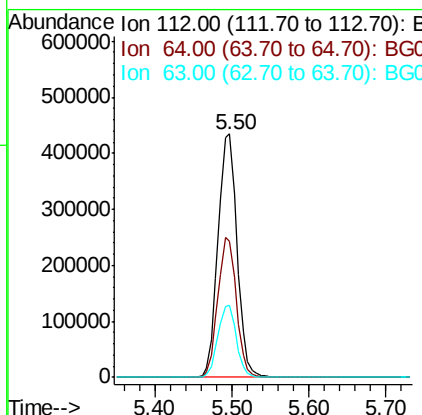
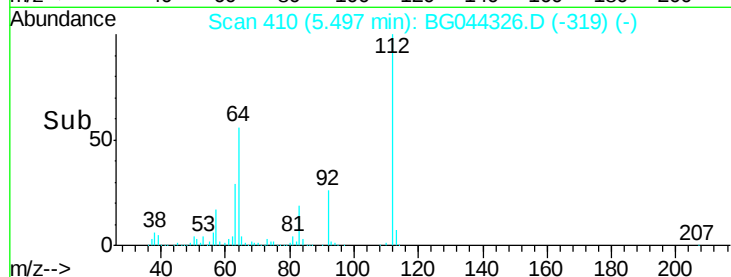
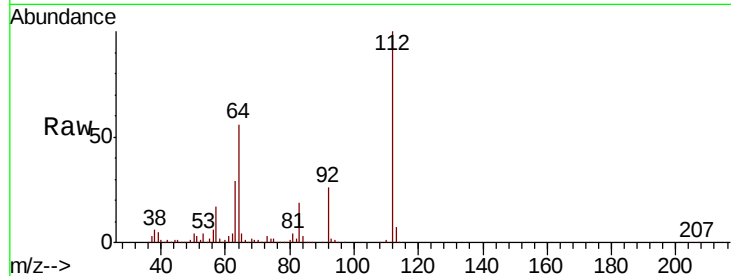
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 740654 |       |       |
| 64      | 55.6  | 45.4   | 68.2  |       |
| 63      | 29.5  | 22.9   | 34.3  |       |

Manual Integrations  
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2/10/2020 8:17:00 AM



#6

Aniline

Concen: 32.026 ng

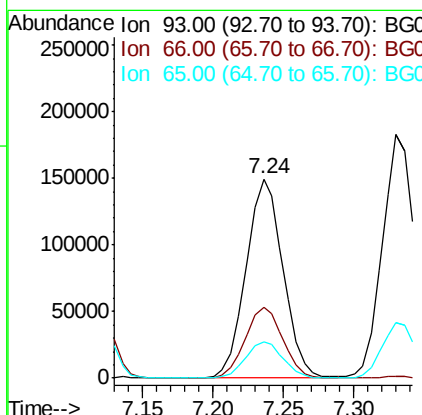
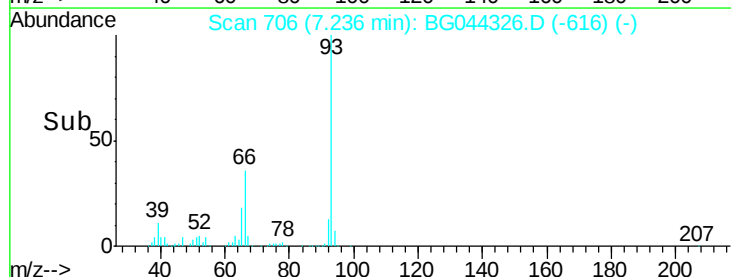
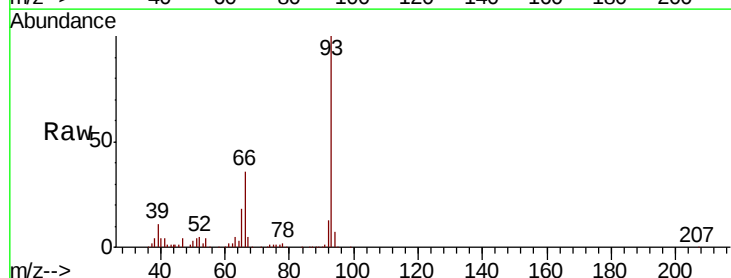
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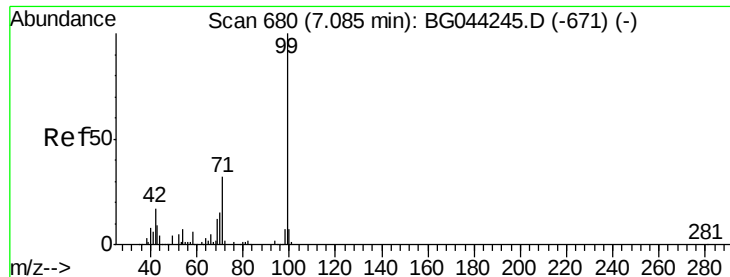
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 274772 |       |       |
| 66      | 35.8  | 28.7   | 43.1  |       |
| 65      | 18.4  | 15.4   | 23.0  |       |





#7

Phenol-d6

Concen: 143.745 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

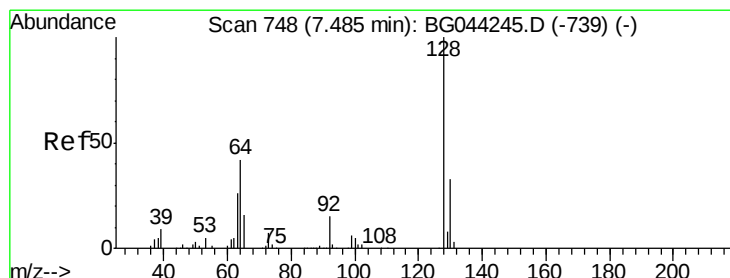
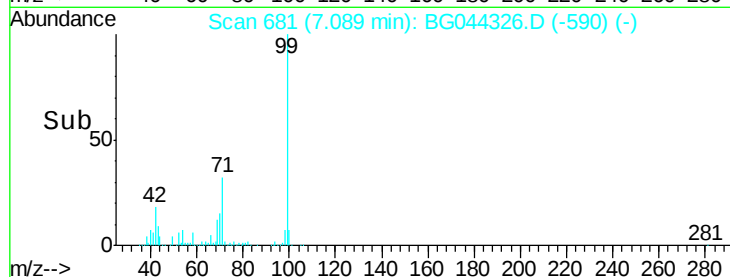
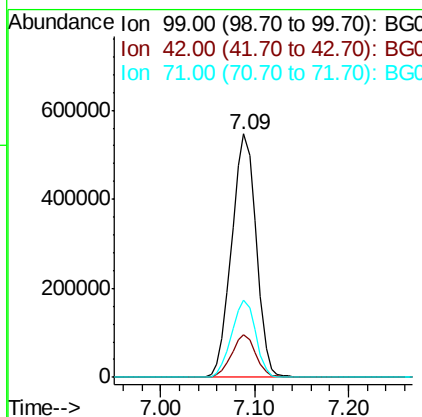
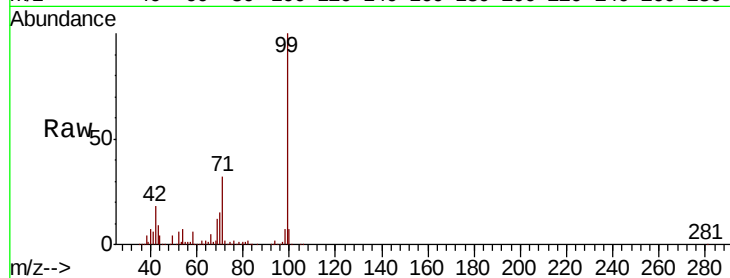
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 993585 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.7  | 13.8  | 20.6   |
| 71        | 31.6  | 25.5  | 38.3   |

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#8

2-Chlorophenol

Concen: 58.545 ng

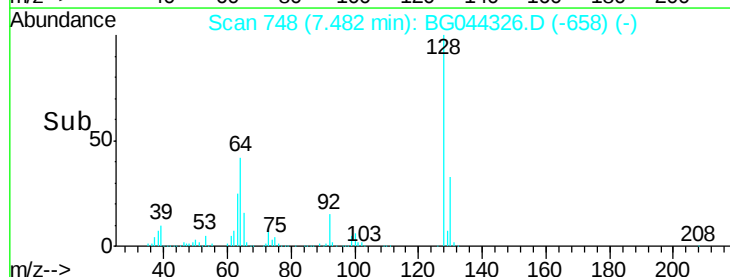
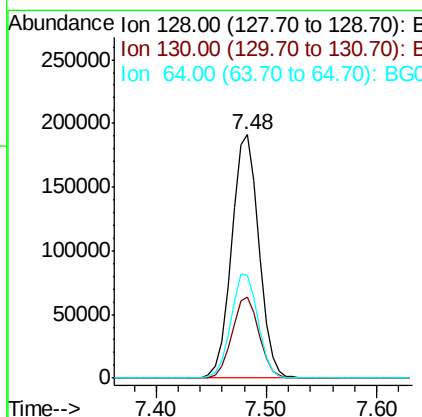
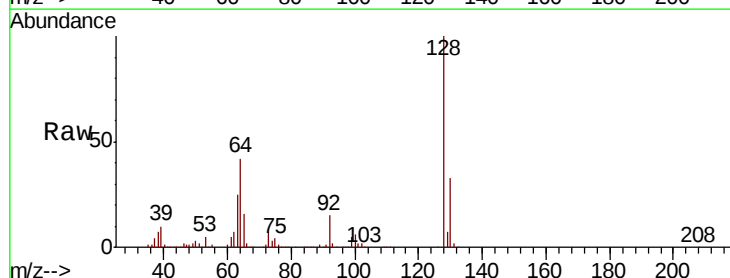
RT: 7.48 min Scan# 748

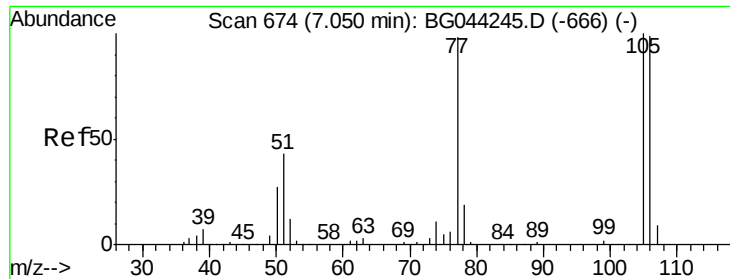
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 331196 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.4  | 12.5  | 52.5   |
| 64        | 42.3  | 24.2  | 64.2   |





#9

Benzaldehyde

Concen: 37.106 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

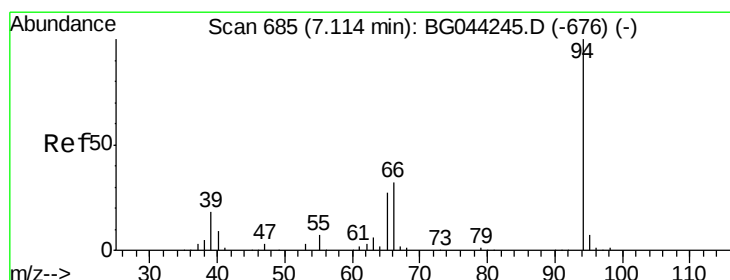
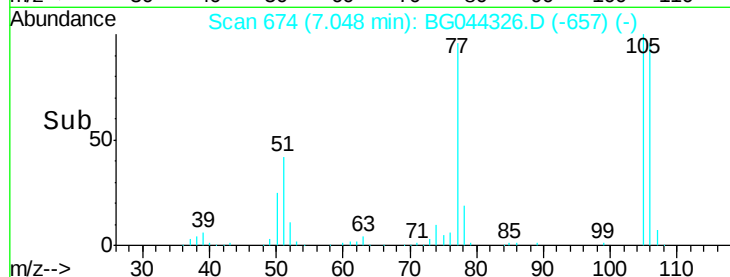
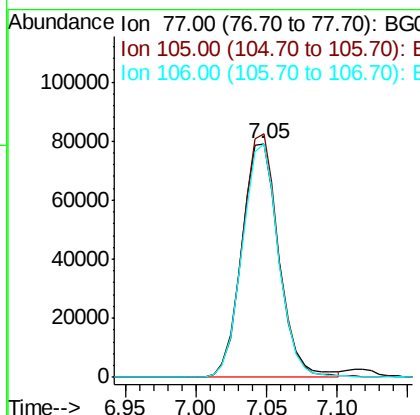
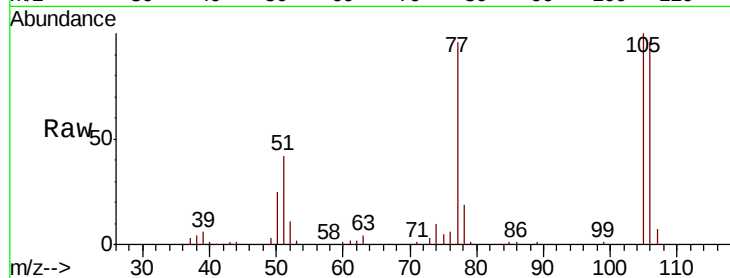
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 146074 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 104.1 | 82.0  | 122.0  |
| 106      | 100.0 | 80.7  | 120.7  |

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#10

Phenol

Concen: 59.801 ng

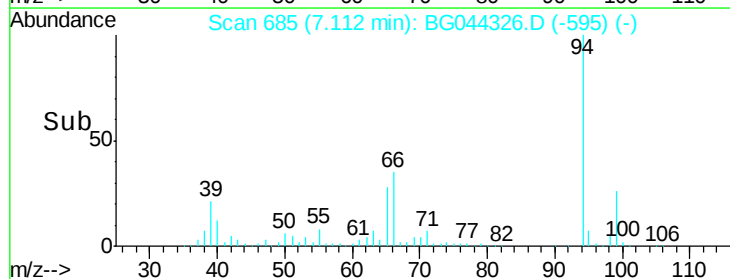
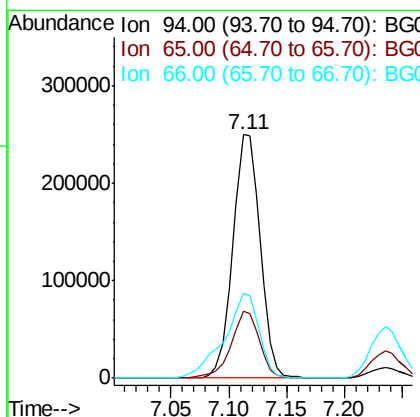
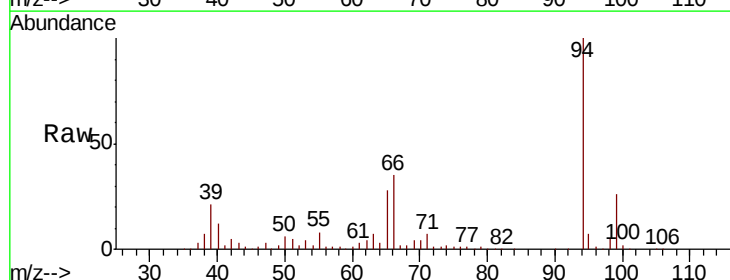
RT: 7.11 min Scan# 685

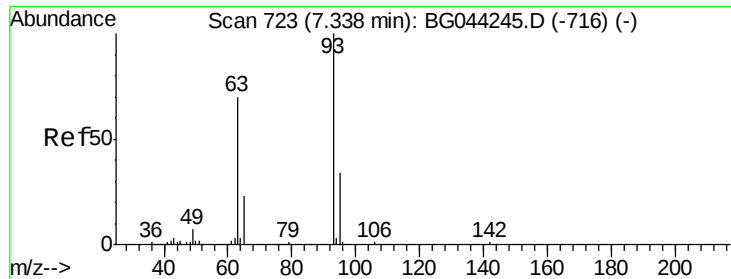
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 409086 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 27.5  | 7.0   | 47.0   |
| 66       | 34.7  | 12.7  | 52.7   |





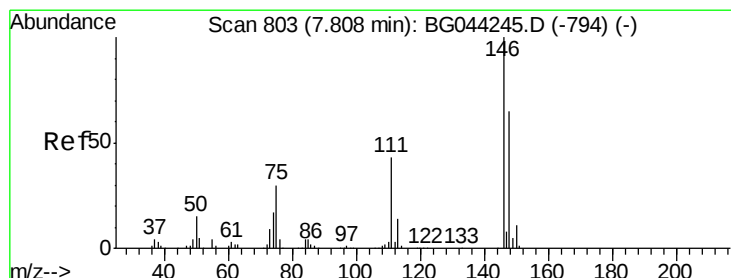
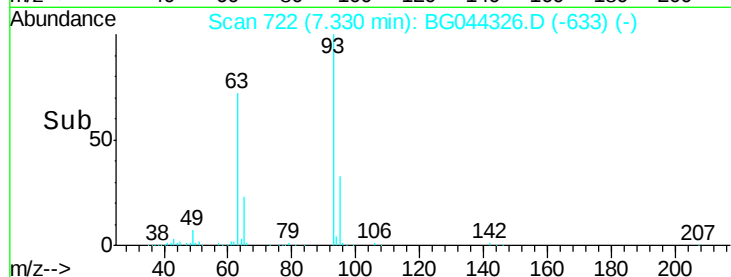
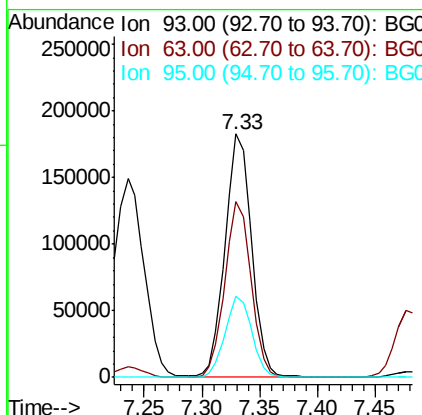
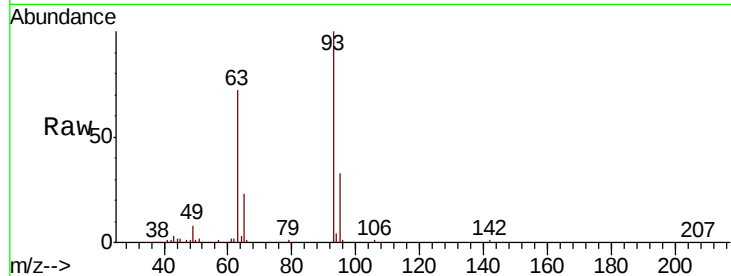
#11  
bis(2-Chloroethyl)ether  
Concen: 50.023 ng  
RT: 7.33 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 292551 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.4  | 49.2  | 89.2   |
| 95        | 33.2  | 13.6  | 53.6   |

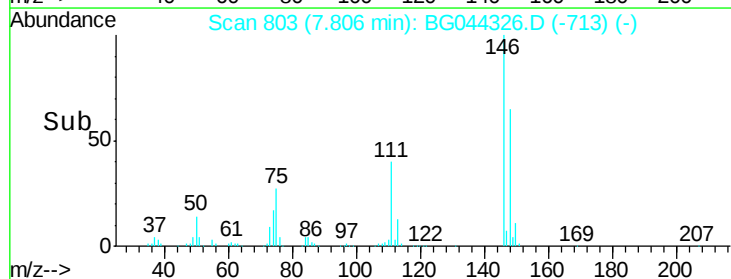
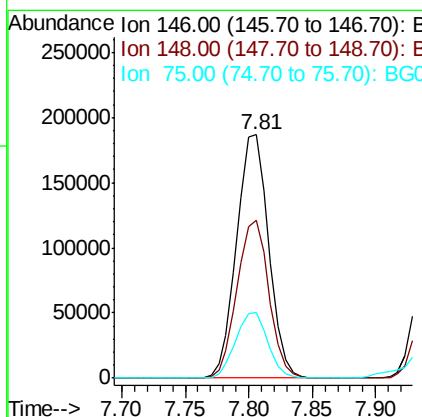
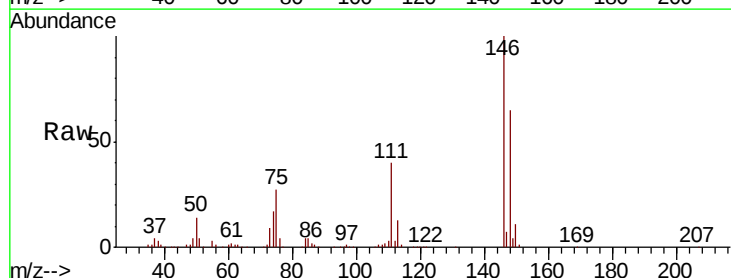
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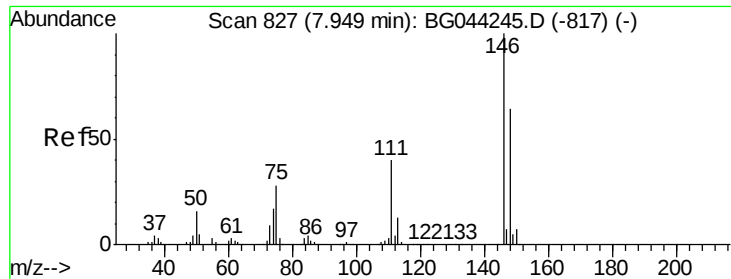
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 48.526 ng  
RT: 7.81 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 327764 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 51.8  | 77.8   |
| 75        | 26.8  | 23.7  | 35.5   |





#13

1,4-Dichlorobenzene

Concen: 49.544 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

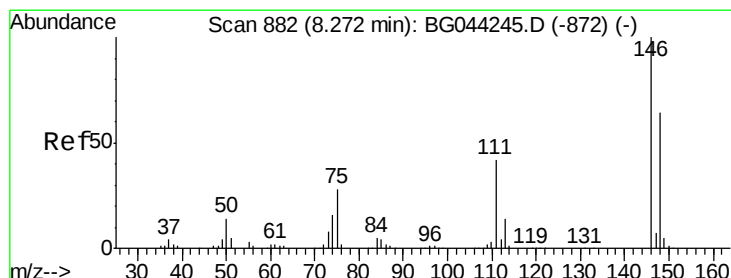
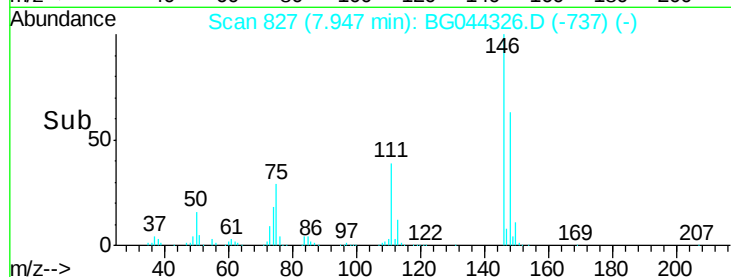
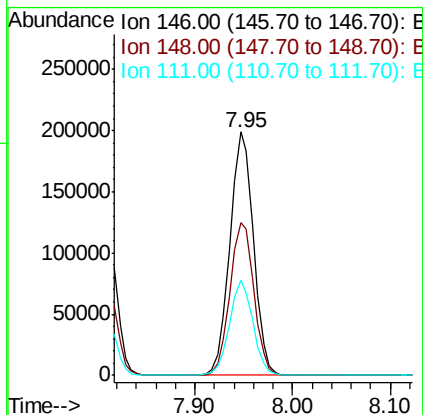
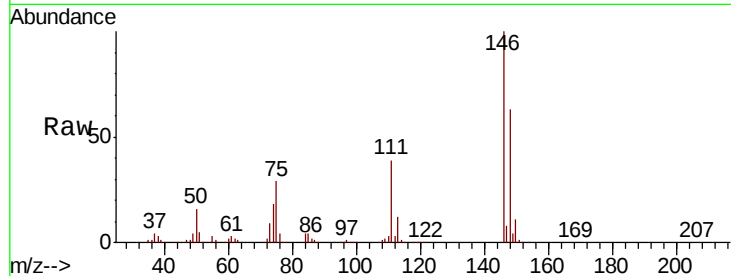
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 331438 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 51.4  | 77.0   |
| 111       | 38.9  | 31.8  | 47.8   |

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#14

1,2-Dichlorobenzene

Concen: 49.349 ng

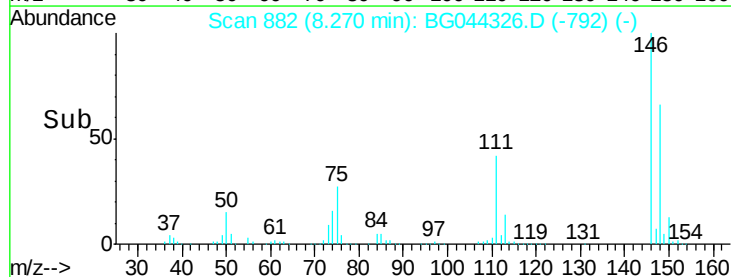
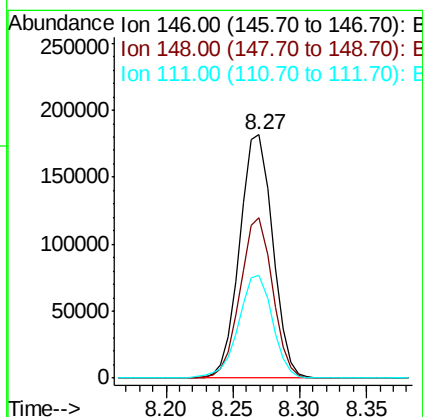
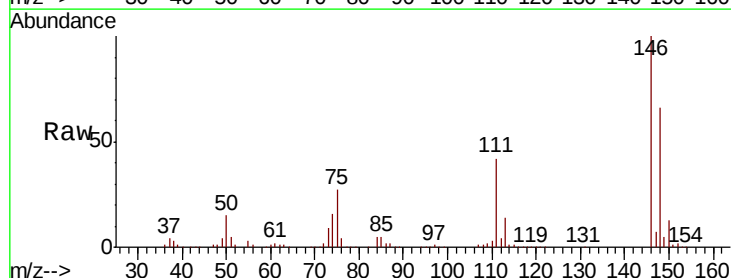
RT: 8.27 min Scan# 882

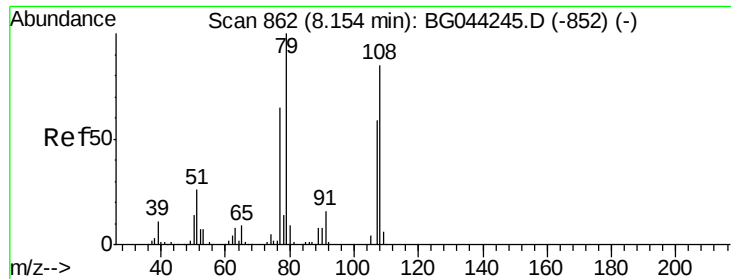
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 312042 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.7  | 51.2  | 76.8   |
| 111       | 42.3  | 34.0  | 51.0   |





#15

Benzyl Alcohol

Concen: 56.012 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

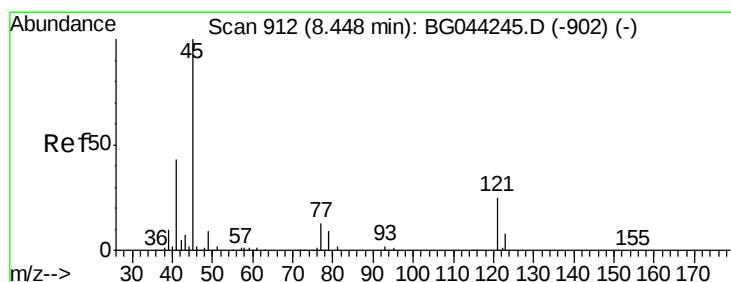
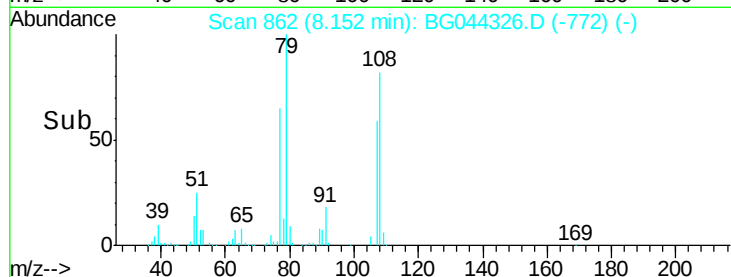
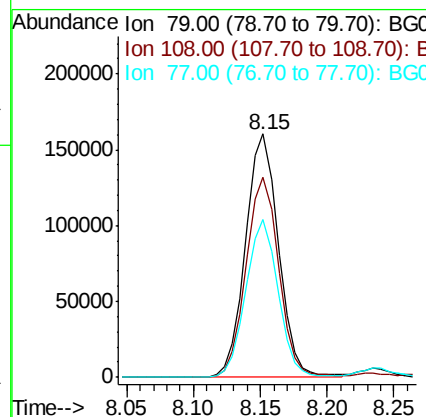
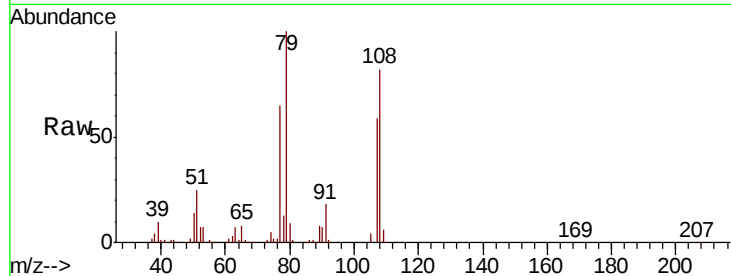
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 274100 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 82.2  | 68.3  | 102.5  |
| 77       | 65.0  | 51.8  | 77.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.996 ng

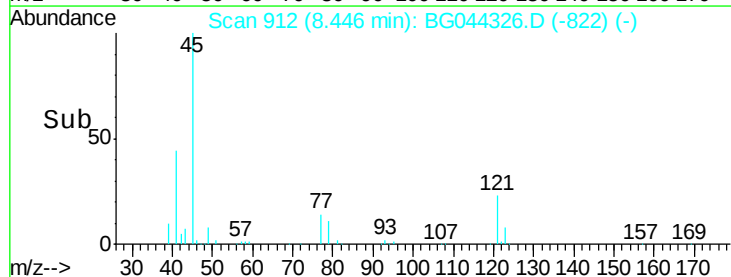
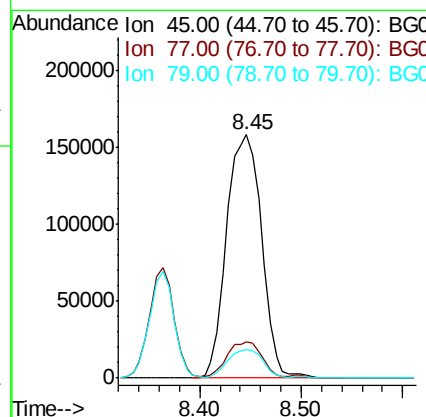
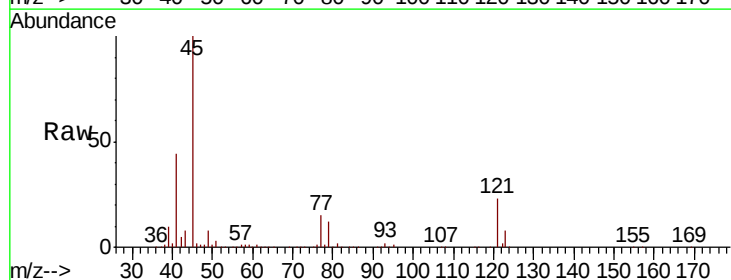
RT: 8.45 min Scan# 912

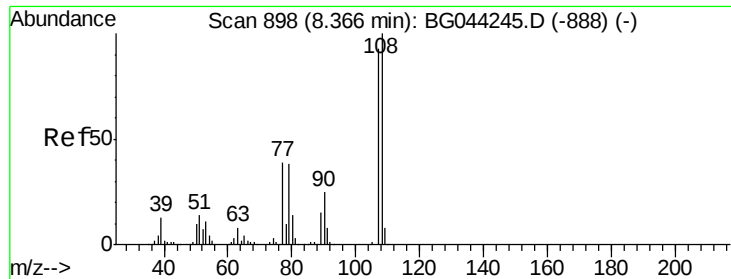
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 379919 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 15.1  | 0.0   | 35.2   |
| 79       | 11.6  | 0.0   | 31.1   |





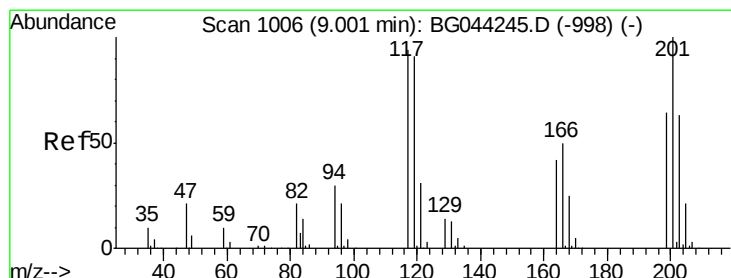
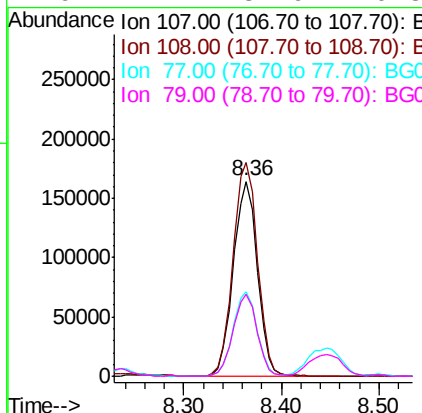
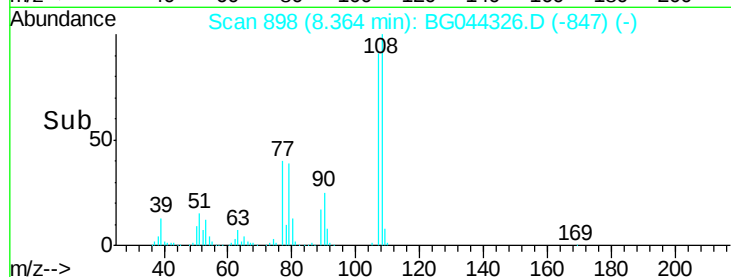
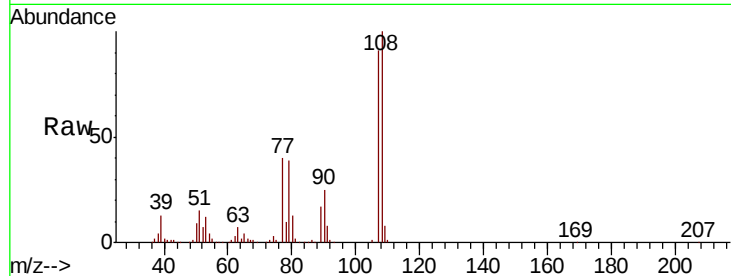
#17  
2-Methylphenol  
Concen: 57.468 ng  
RT: 8.36 min Scan# 898  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 280487 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.5 | 86.4  | 129.6  |
| 77        | 43.4  | 34.0  | 51.0   |
| 79        | 42.2  | 32.9  | 49.3   |

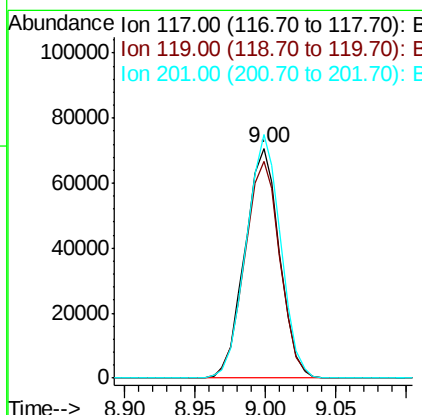
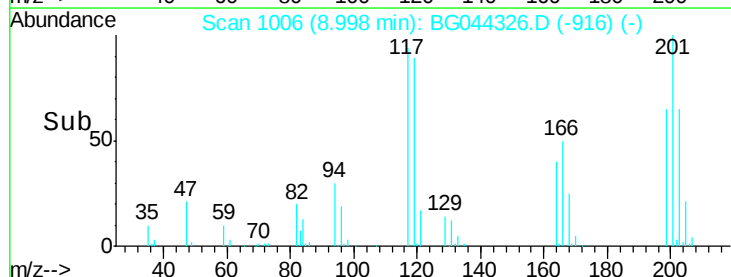
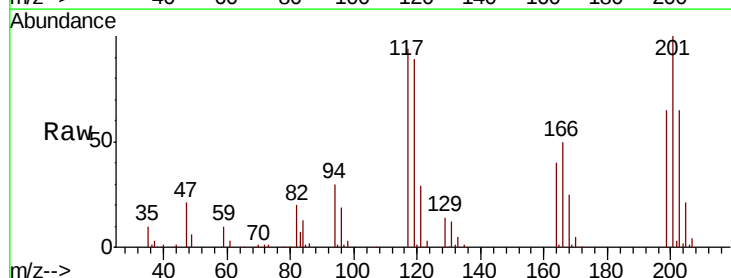
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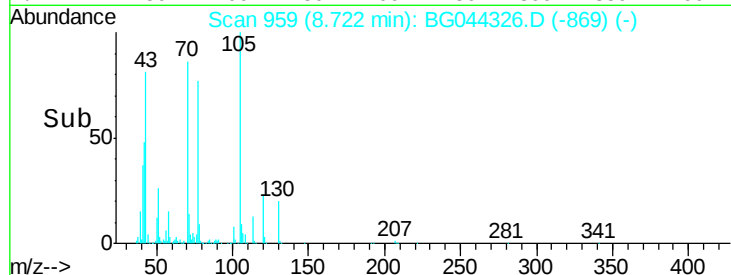
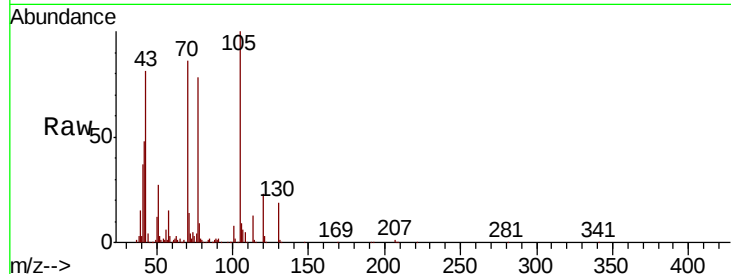
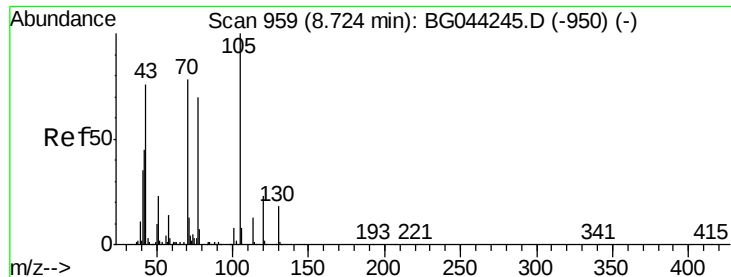
mohammad  
2/10/2020 8:17:00 AM



#18  
Hexachloroethane  
Concen: 48.421 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 121555 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.5  | 77.5  | 116.3  |
| 201       | 105.9 | 84.9  | 127.3  |





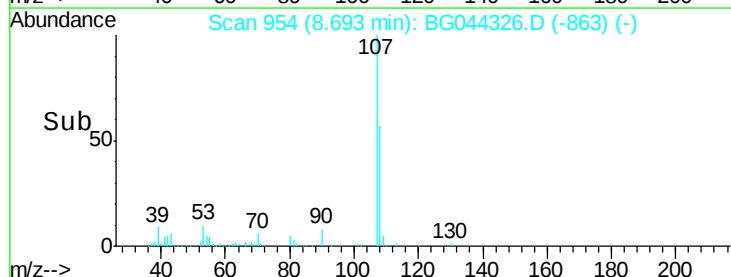
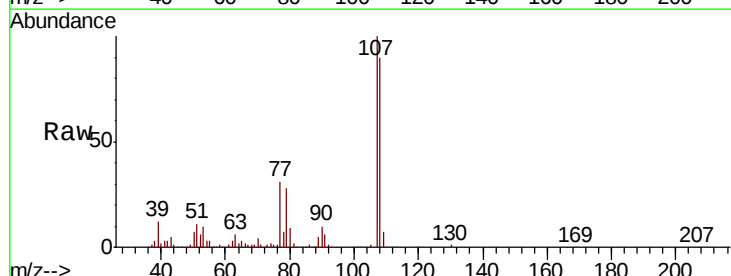
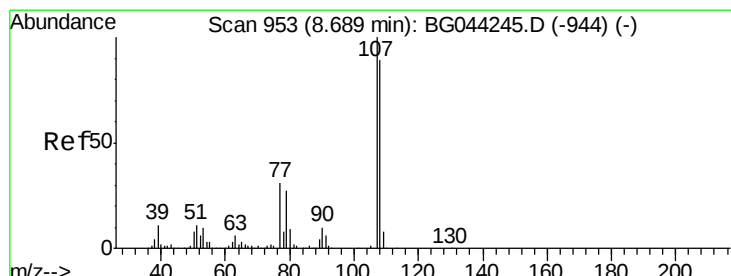
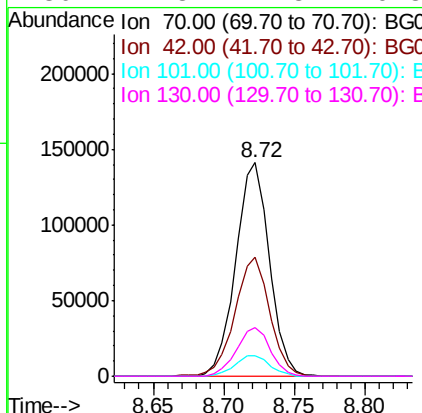
#19  
n-Nitroso-di-n-propylamine  
Concen: 51.077 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 55.6 | 46.2  | 69.2  |       |
| 101     | 9.5  | 8.4   | 12.6  |       |
| 130     | 22.8 | 17.8  | 26.8  |       |

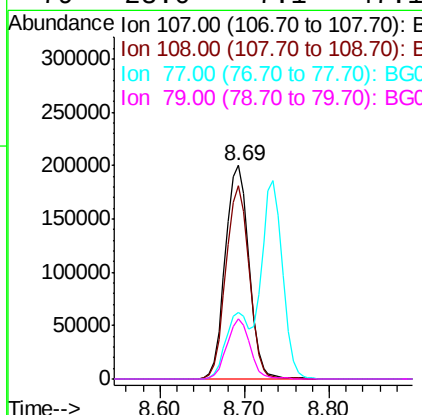
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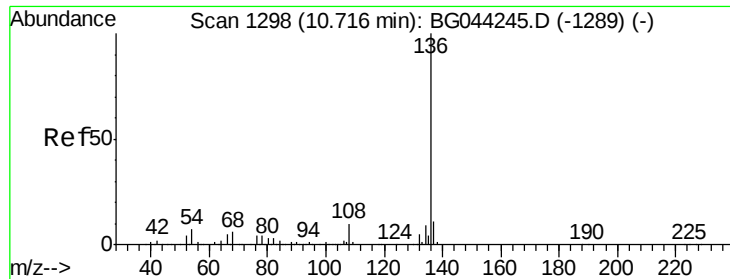
mohammad  
2/10/2020 8:17:00 AM



#20  
3+4-Methylphenols  
Concen: 57.474 ng  
RT: 8.69 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.3 | 68.5  | 108.5 |       |
| 77      | 31.0 | 10.9  | 50.9  |       |
| 79      | 28.0 | 7.1   | 47.1  |       |





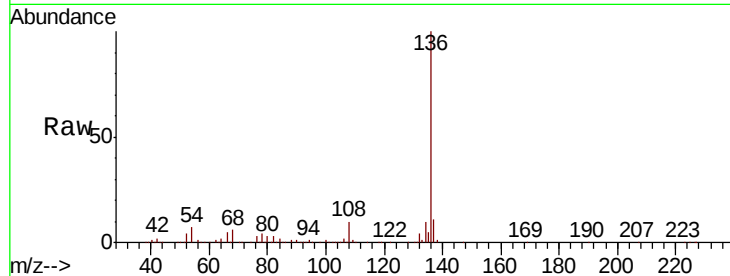
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.71 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 393916 |       |       |
| 137     | 11.2 | 8.8   | 13.2   |       |       |
| 54      | 7.2  | 5.8   | 8.8    |       |       |
| 68      | 5.5  | 4.6   | 6.8    |       |       |

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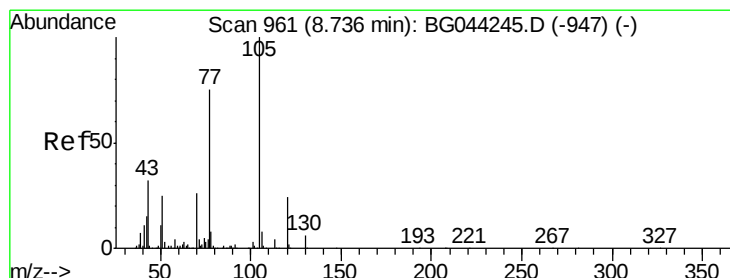
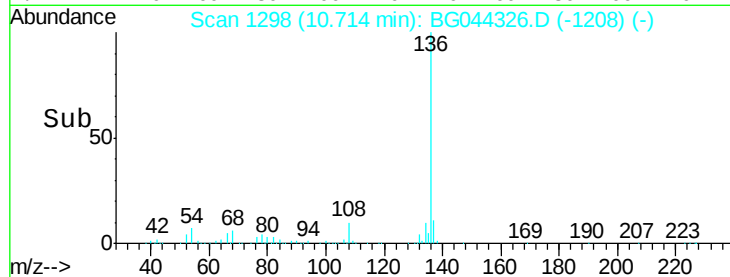
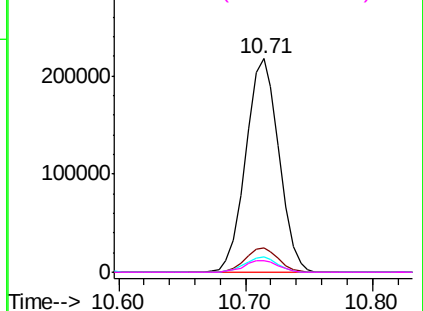
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 45.496 ng  
RT: 8.73 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 435976 |       |       |
| 71      | 4.5  | 3.4   | 5.0    |       |       |
| 51      | 24.1 | 20.2  | 30.4   |       |       |
| 120     | 24.0 | 19.1  | 28.7   |       |       |

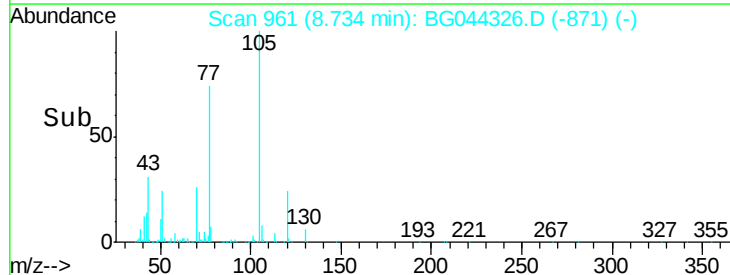
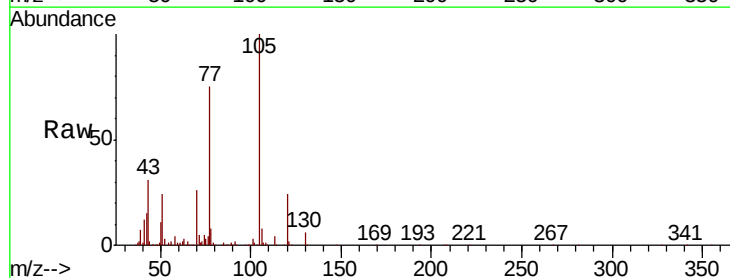
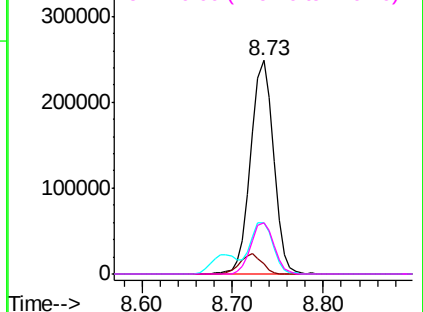
Abundance

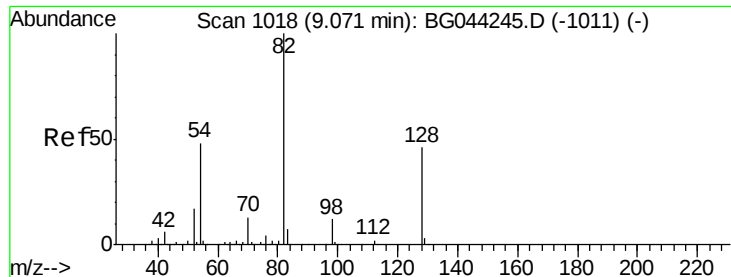
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





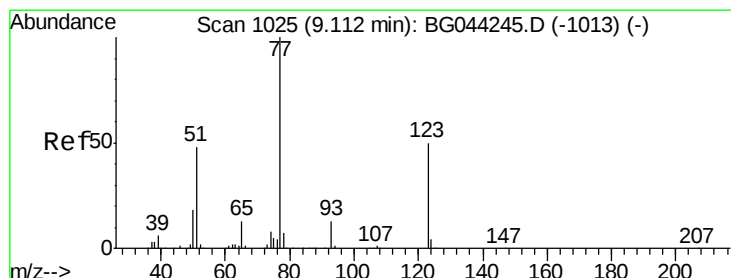
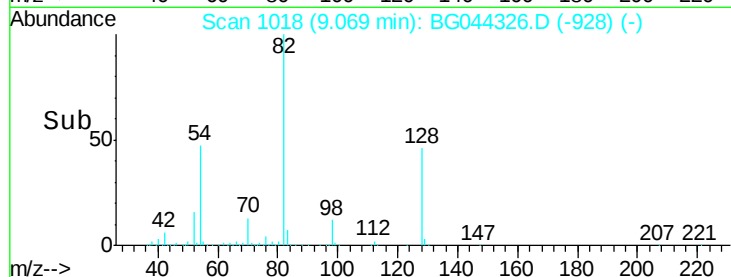
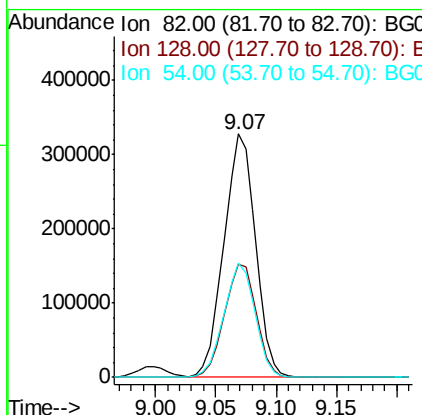
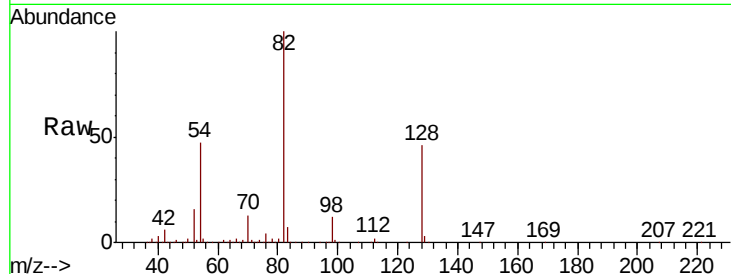
#23  
 Nitrobenzene-d5  
 Concen: 85.144 ng  
 RT: 9.07 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.2  | 36.5  | 54.7  |
| 54      | 47.0  | 38.6  | 58.0  |

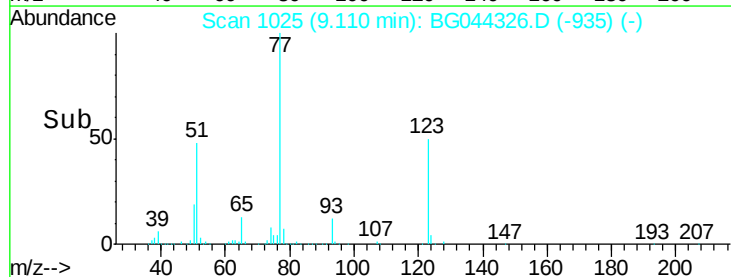
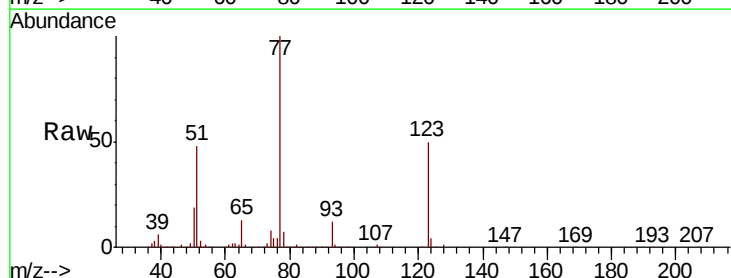
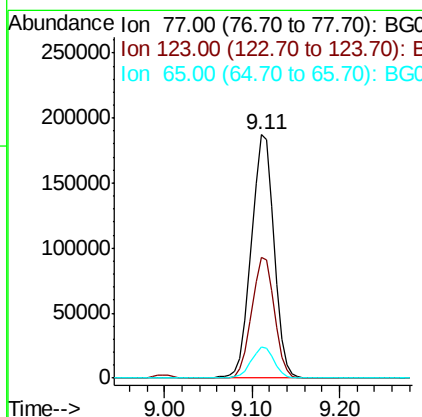
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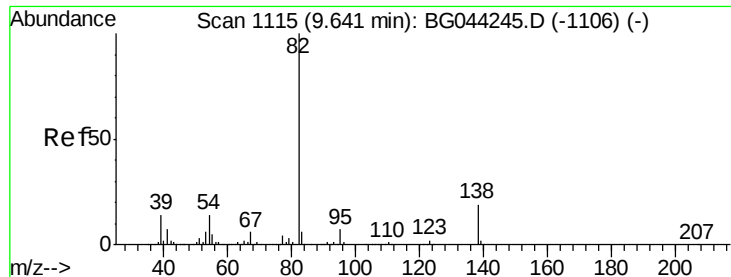
mohammad  
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#24  
 Nitrobenzene  
 Concen: 48.335 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.6  | 39.9  | 59.9  |
| 65      | 12.9  | 10.4  | 15.6  |





#25

Isophorone

Concen: 49.883 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

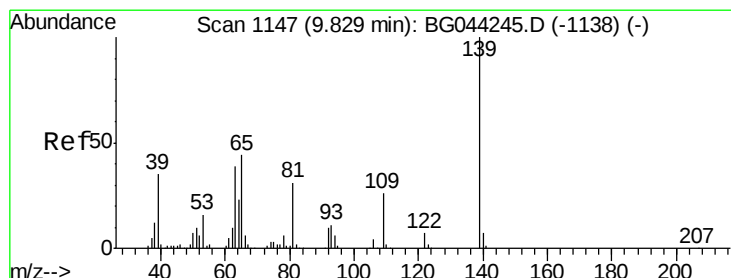
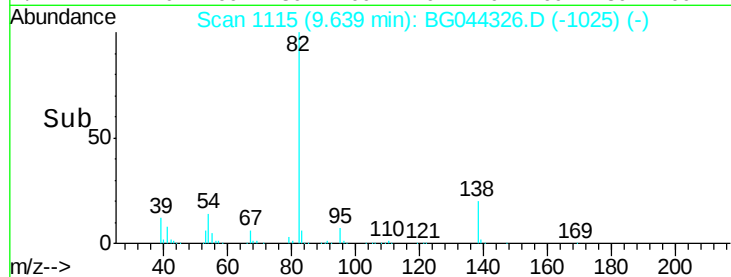
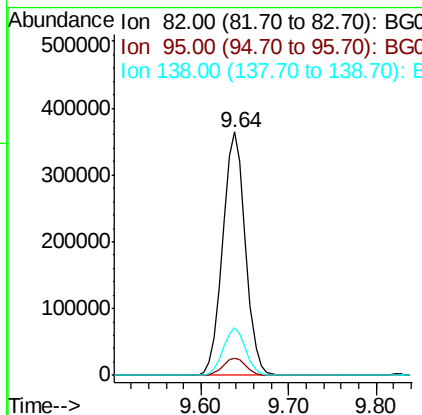
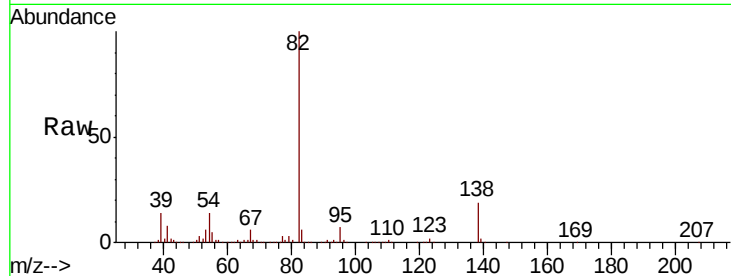
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 648729 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.7   | 8.5    |
| 138       | 19.5  | 15.0  | 22.4   |

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#26

2-Nitrophenol

Concen: 53.898 ng

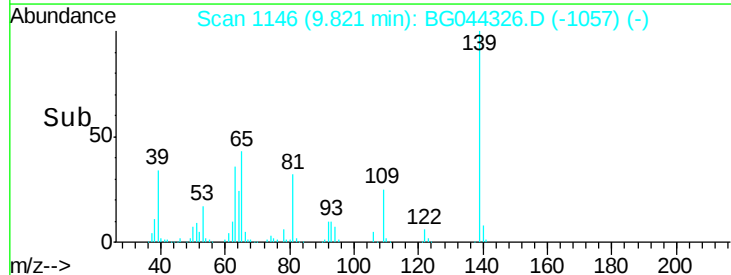
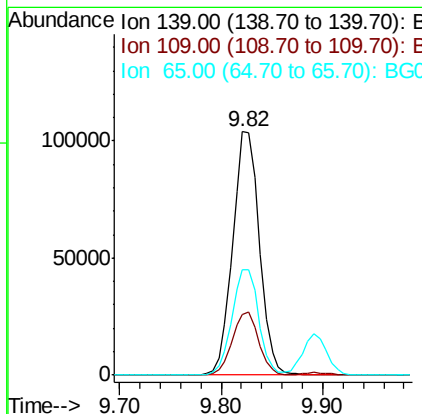
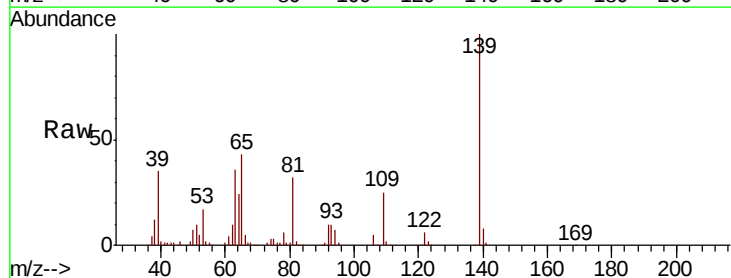
RT: 9.82 min Scan# 1146

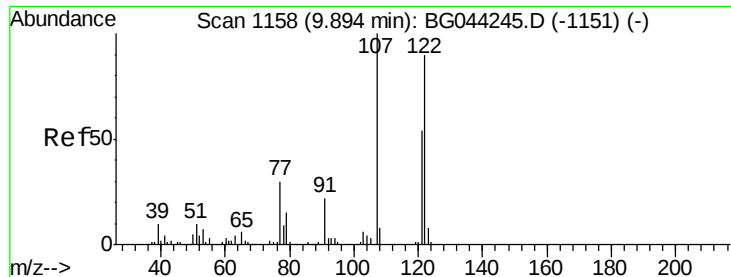
Delta R.T. -0.01 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 190502 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.0  | 21.0  | 31.4   |
| 65        | 43.2  | 35.0  | 52.4   |





#27

2,4-Dimethylphenol

Concen: 64.121 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

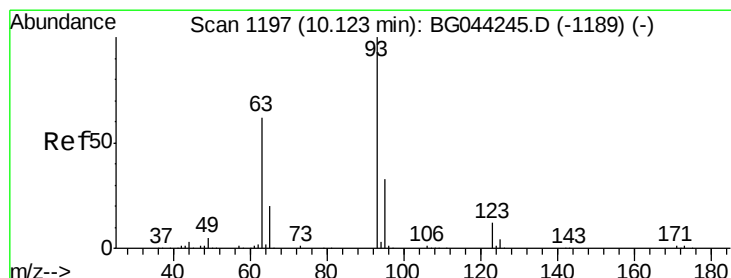
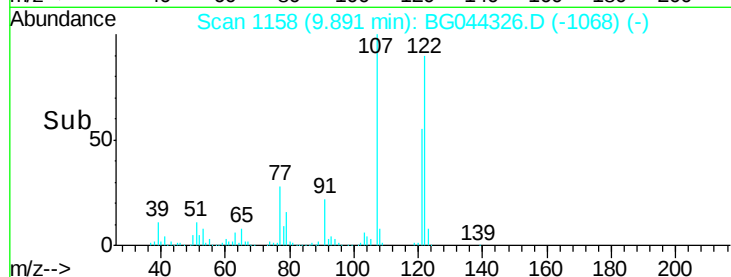
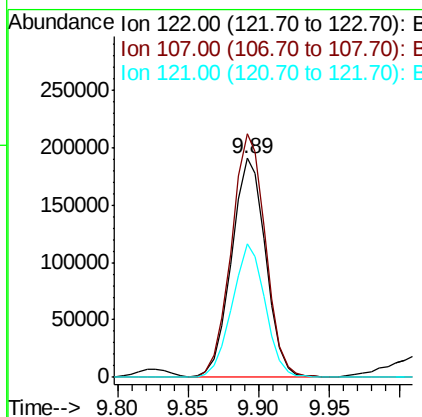
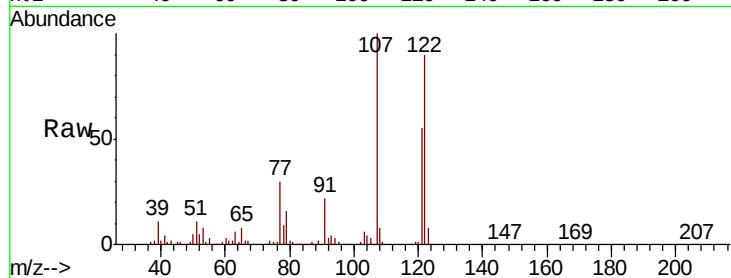
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 319919 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 111.1 | 88.8  | 133.2  |
| 121       | 61.1  | 48.3  | 72.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 47.615 ng

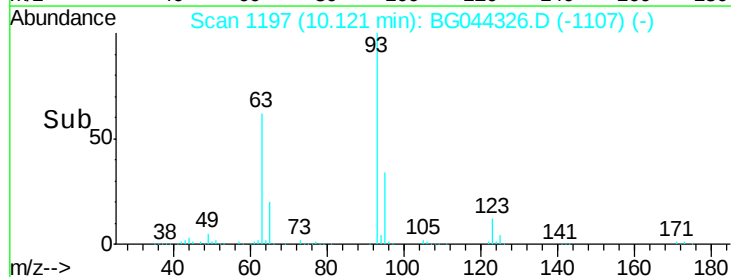
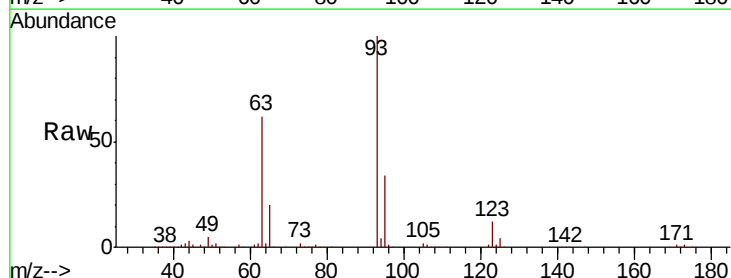
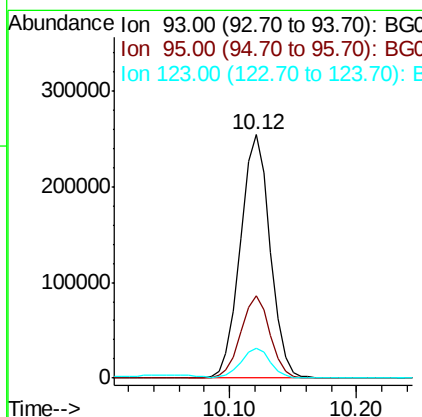
RT: 10.12 min Scan# 1197

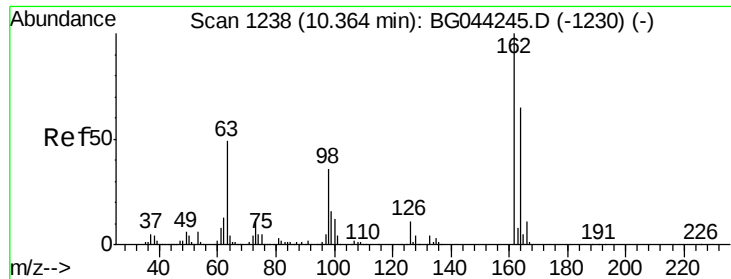
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 413088 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 34.0  | 26.6  | 40.0   |
| 123       | 12.3  | 10.0  | 15.0   |





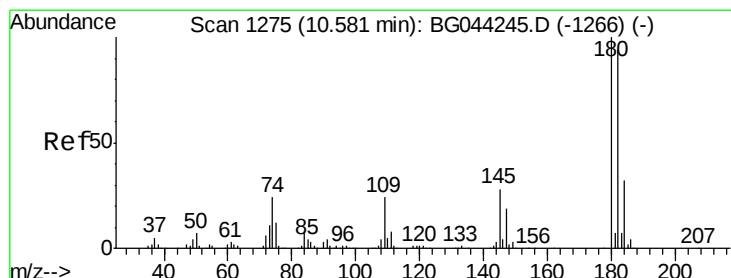
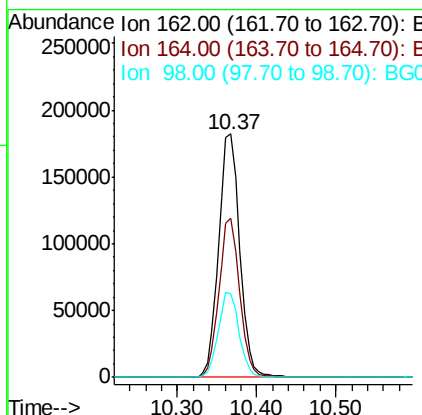
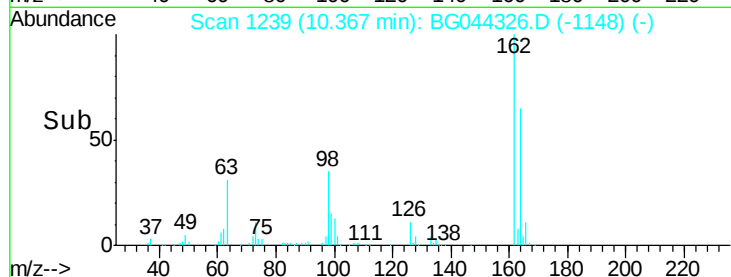
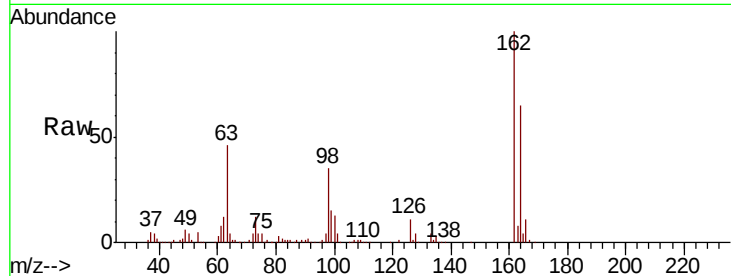
#29  
2,4-Dichlorophenol  
Concen: 55.780 ng  
RT: 10.37 min Scan# 1239  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 44.7  | 84.7  |
| 98      | 34.6  | 15.8  | 55.8  |

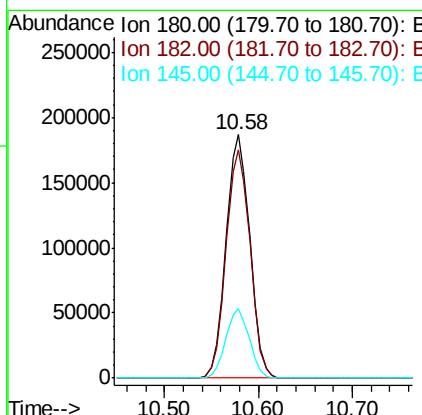
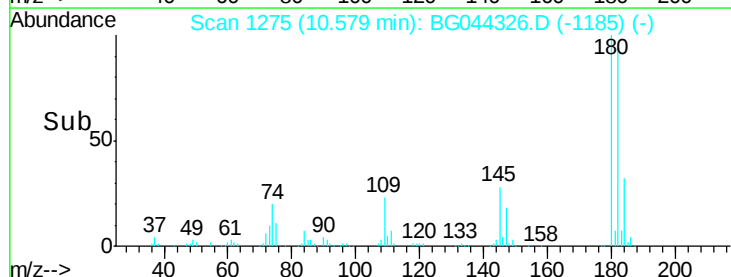
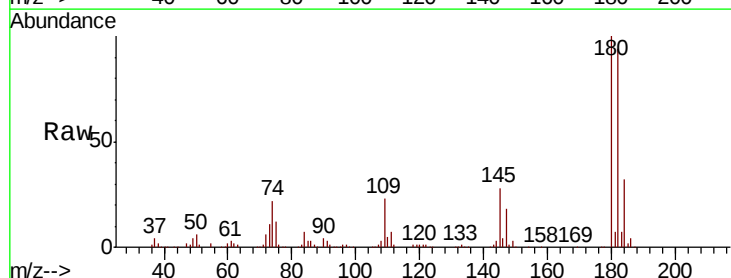
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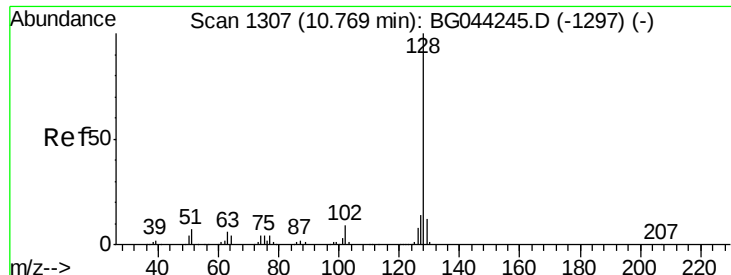
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 47.342 ng  
RT: 10.58 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.6  | 75.5  | 113.3 |
| 145     | 28.4  | 22.6  | 34.0  |





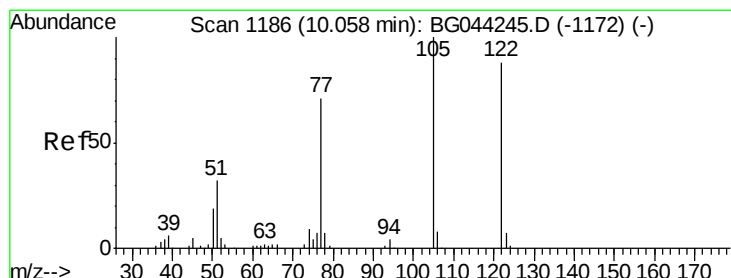
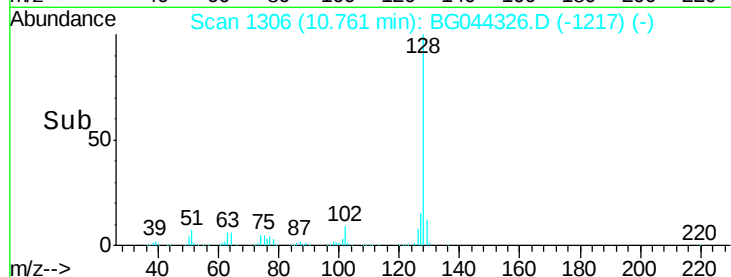
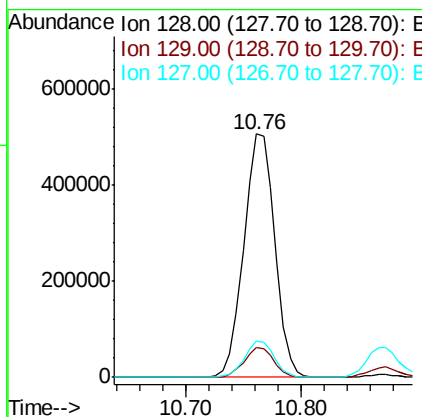
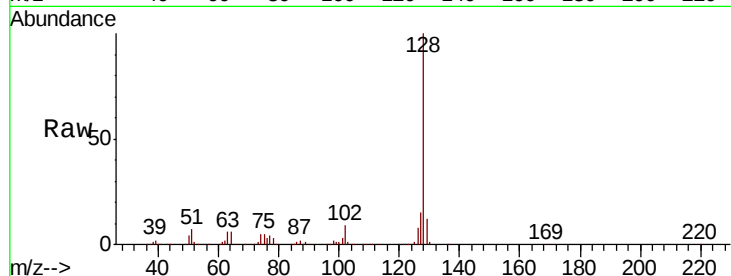
#31  
Naphthalene  
Concen: 49.293 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 942078    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 12.1  | 9.3 13.9  |
| 127         | 14.8  | 11.6 17.4 |

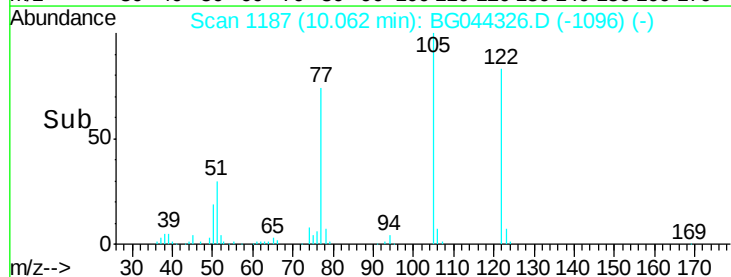
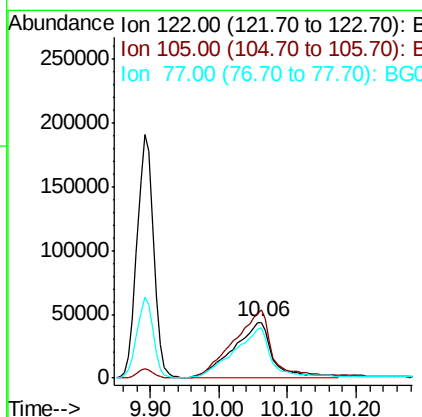
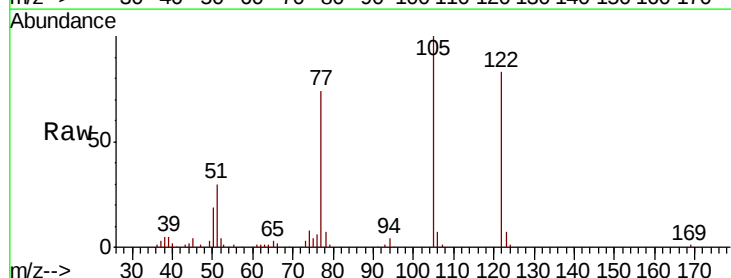
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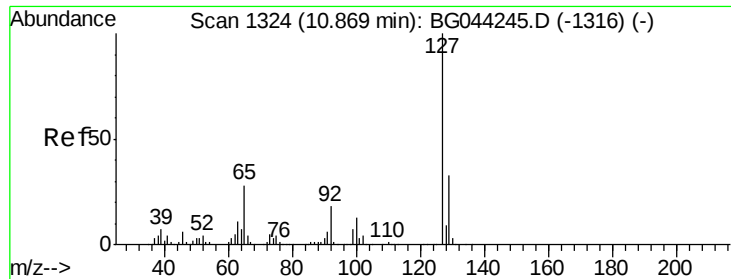
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#32  
Benzoic acid  
Concen: 50.504 ng  
RT: 10.06 min Scan# 1187  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:122 | Resp: | 169422     |
| Ion Ratio   | Lower | Upper      |
| 122         | 100   |            |
| 105         | 121.2 | 93.5 133.5 |
| 77          | 90.3  | 61.0 101.0 |





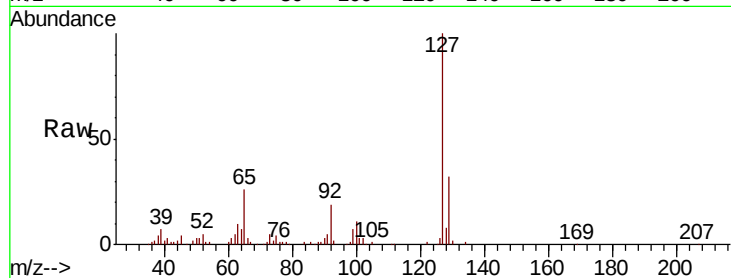
#33  
4-Chloroaniline  
Concen: 14.851 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

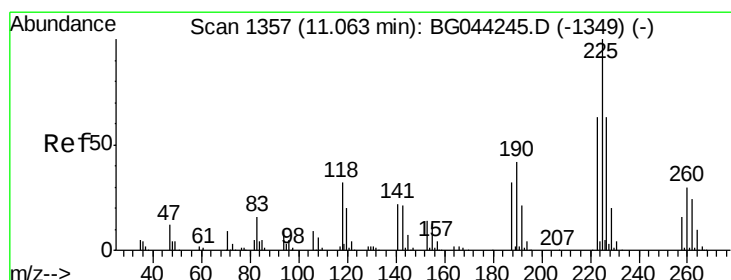
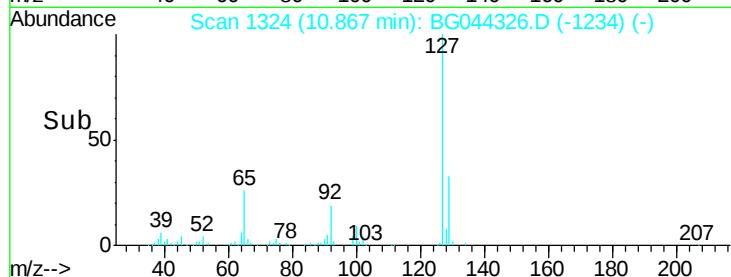
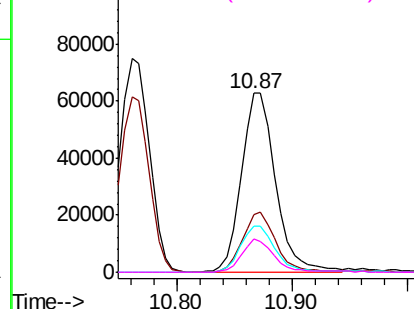
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.4  | 26.6  | 40.0  |
| 65      | 26.0  | 22.5  | 33.7  |
| 92      | 18.5  | 14.1  | 21.1  |

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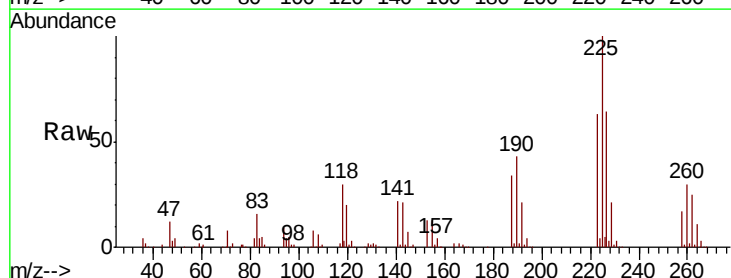


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

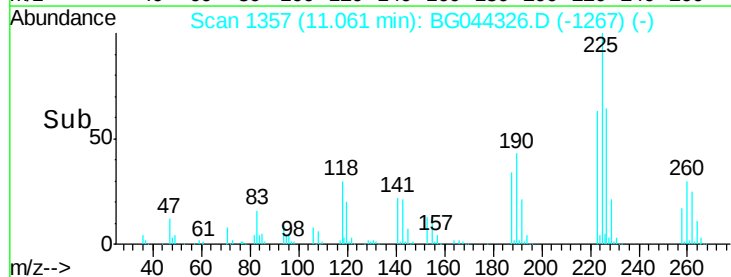
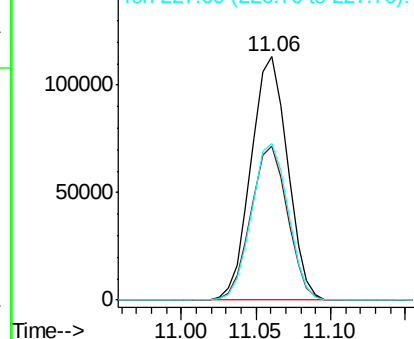


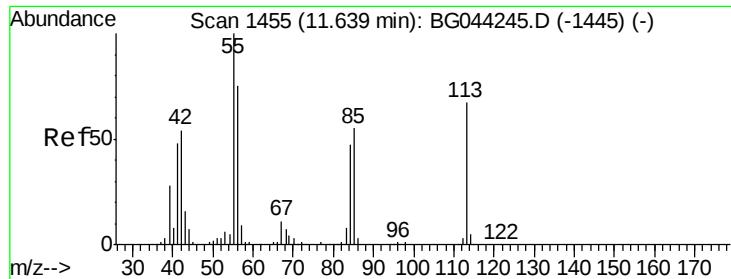
#34  
Hexachlorobutadiene  
Concen: 45.082 ng  
RT: 11.06 min Scan# 1357  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 50.2  | 75.4  |
| 227     | 64.2  | 50.8  | 76.2  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 54.931 ng/mL

RT: 11.65 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

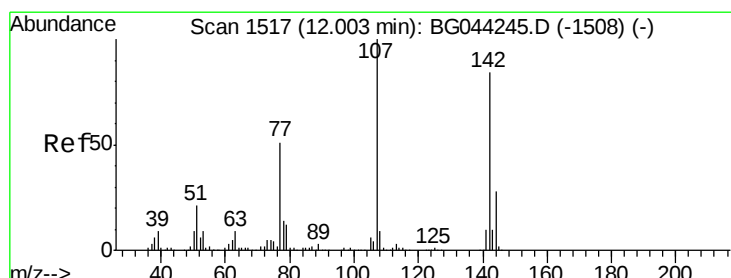
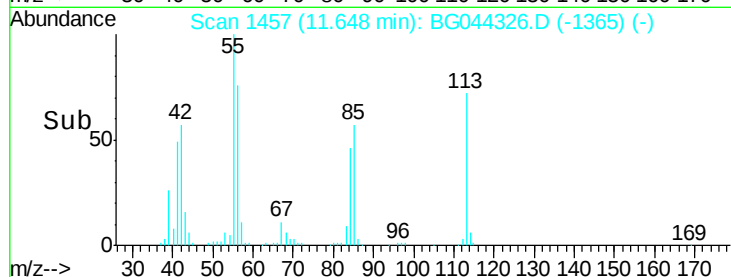
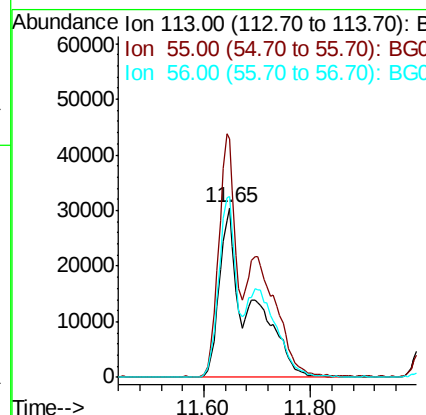
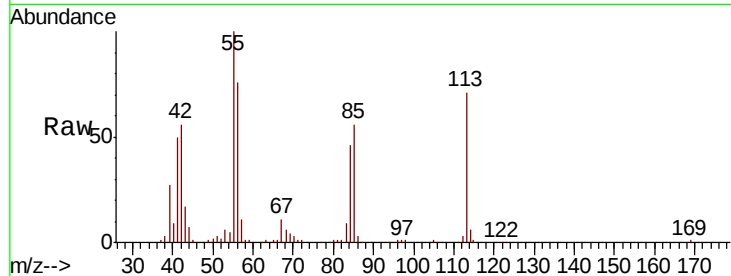
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 121395 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 140.0 | 129.9 | 169.9  |
| 56        | 106.5 | 92.5  | 132.5  |

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#36

4-Chloro-3-methylphenol

Concen: 54.340 ng/mL

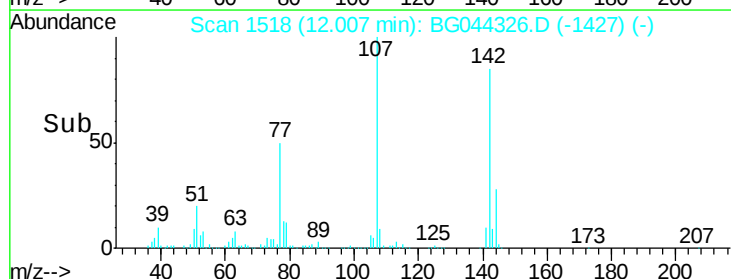
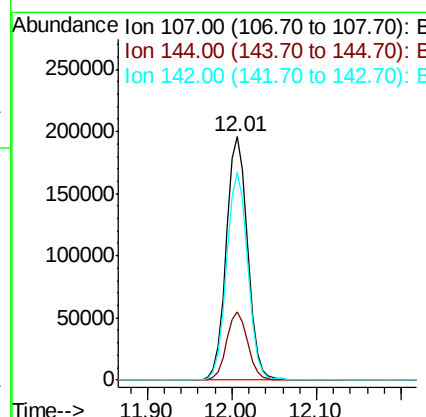
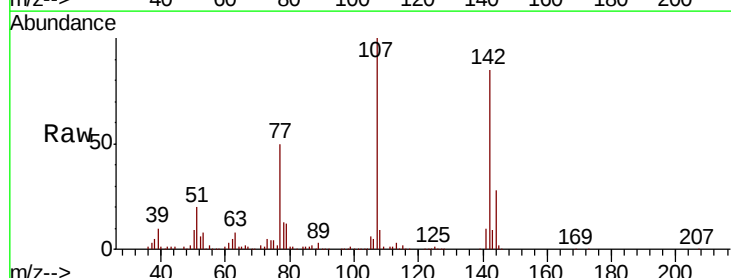
RT: 12.01 min Scan# 1518

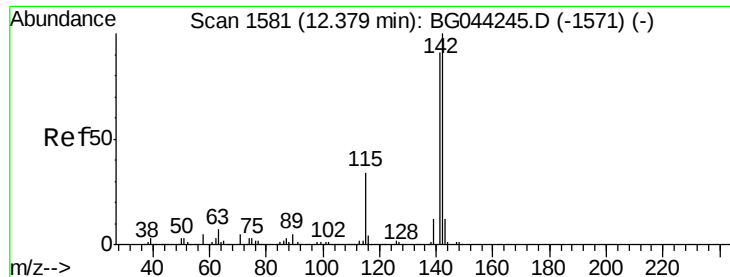
Delta R.T. 0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 343713 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 28.0  | 22.2  | 33.4   |
| 142       | 85.2  | 67.4  | 101.0  |





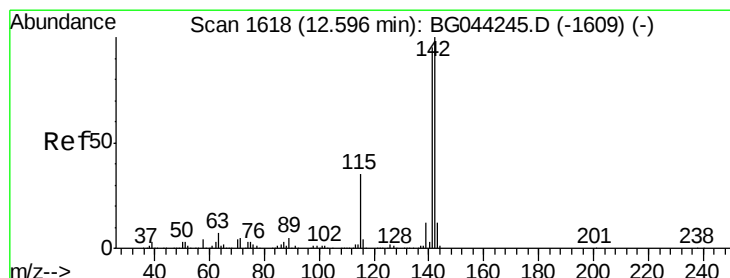
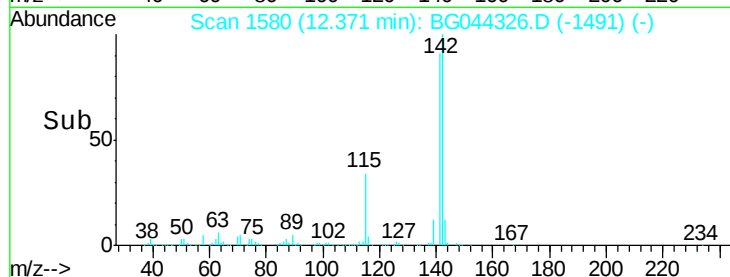
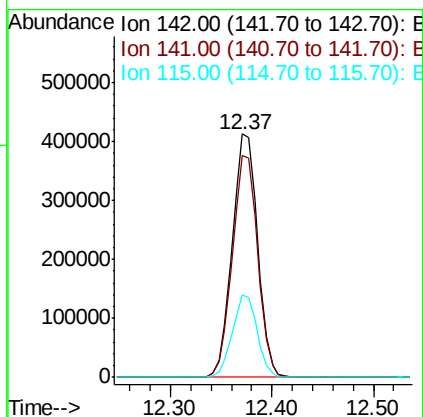
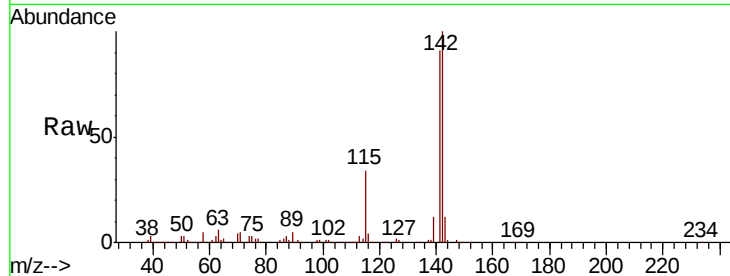
#37  
2-Methylnaphthalene  
Concen: 50.504 ng  
RT: 12.37 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 73.2  | 109.8 |
| 115     | 34.1  | 27.1  | 40.7  |

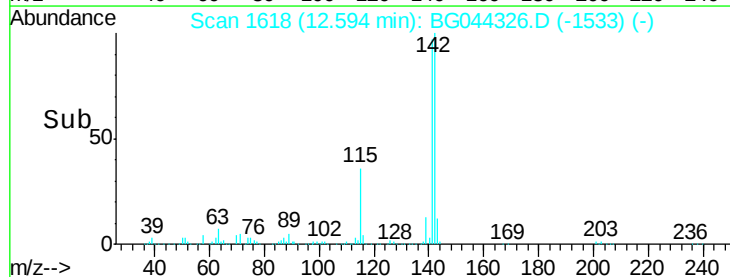
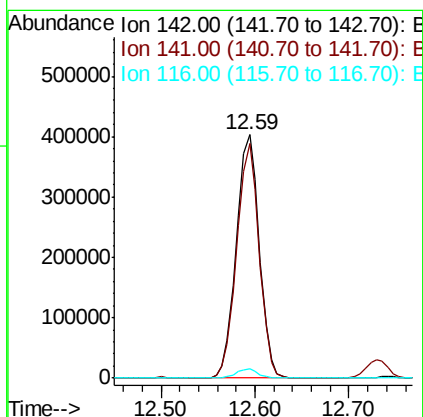
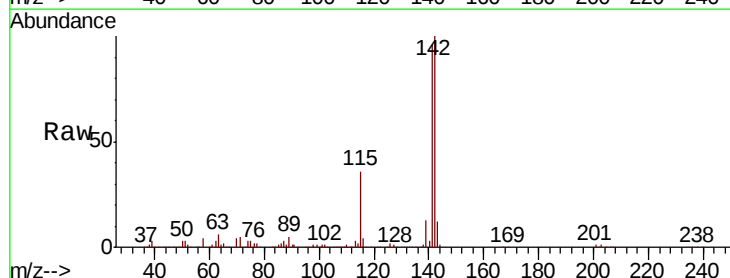
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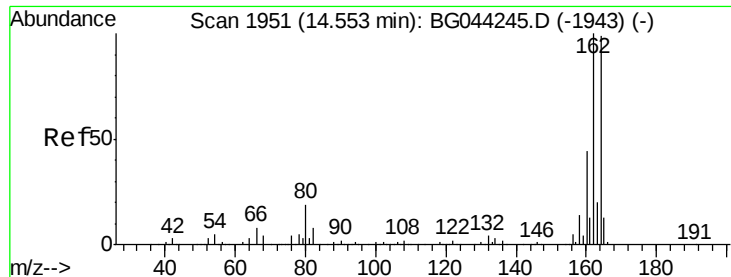
mohammad  
2/10/2020 8:17:00 AM



#38  
1-Methylnaphthalene  
Concen: 50.990 ng  
RT: 12.59 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.4  | 75.8  | 113.6 |
| 116     | 3.6   | 3.1   | 4.7   |





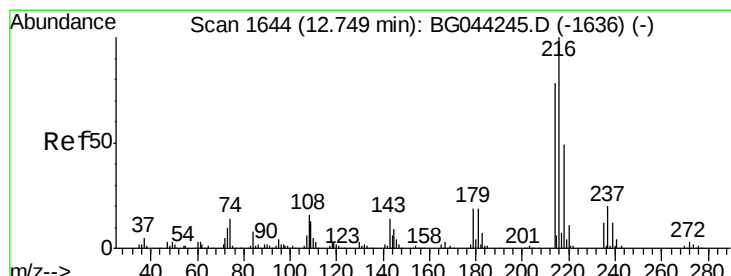
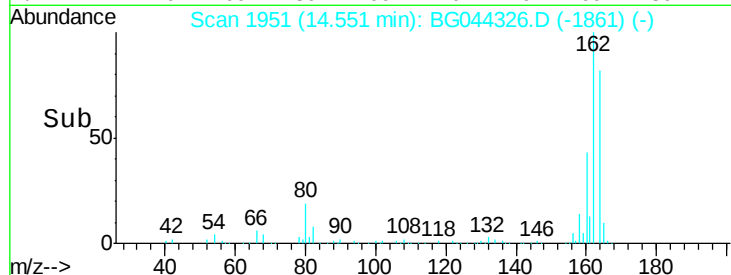
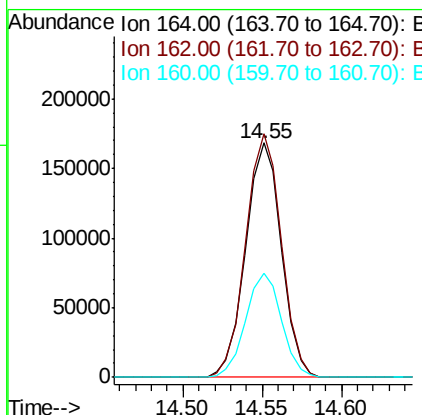
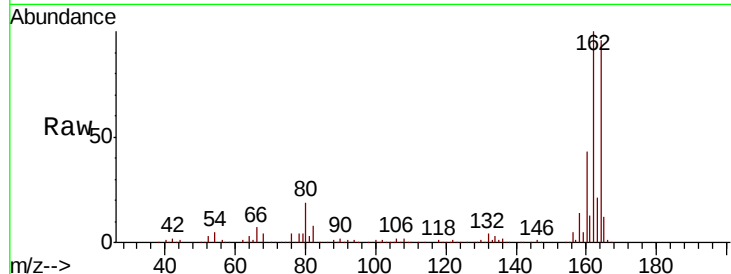
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.8 | 80.7  | 121.1 |
| 160     | 44.3  | 35.3  | 52.9  |

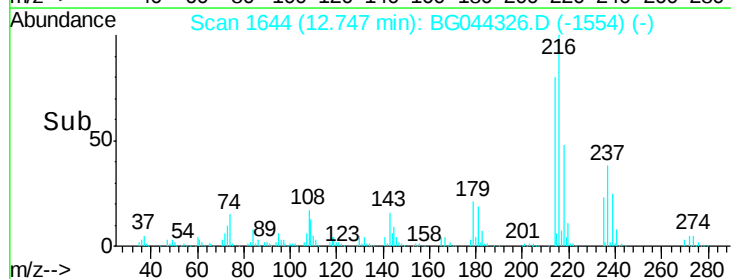
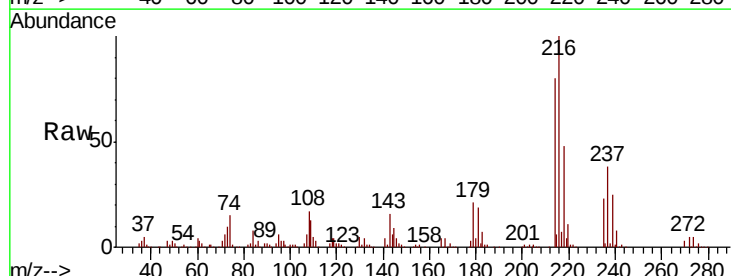
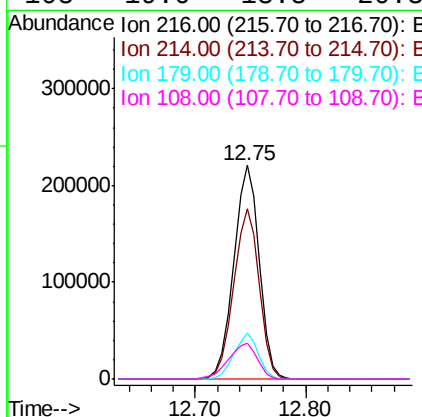
Manual Integrations  
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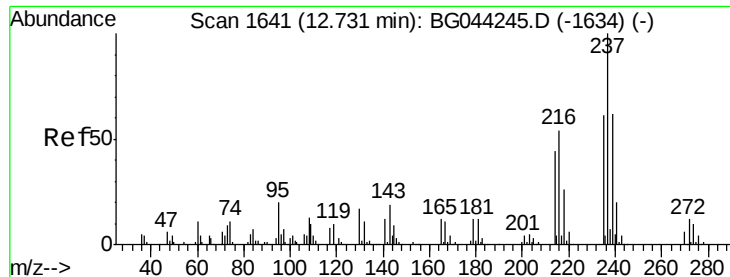
mohammad  
2/10/2020 8:17:00 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.146 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.7  | 63.0  | 94.6  |
| 179     | 20.6  | 16.2  | 24.4  |
| 108     | 19.0  | 13.5  | 20.3  |





#41

Hexachlorocyclopentadiene

Concen: 114.014 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

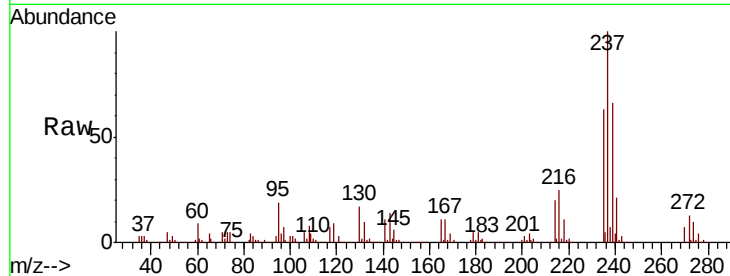
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

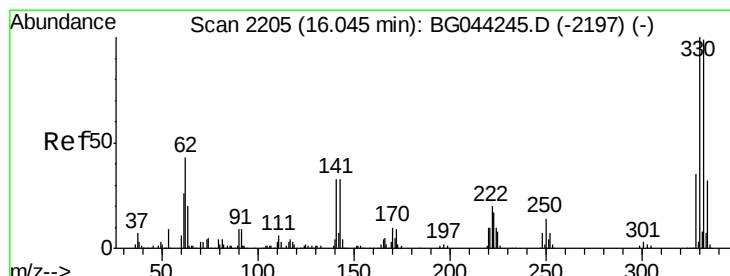
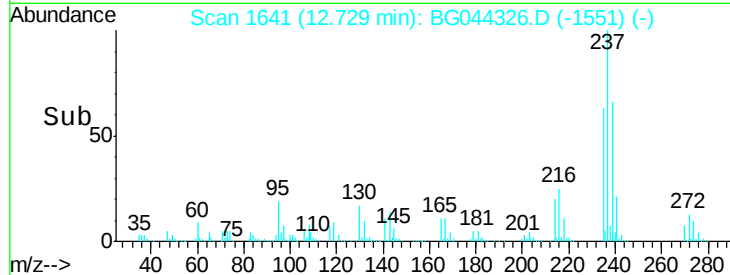
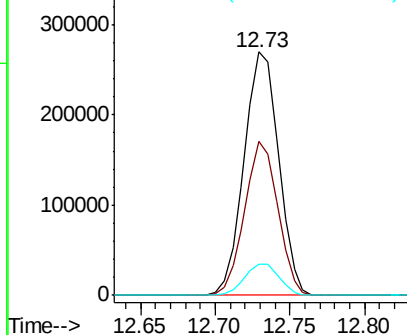
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 431308 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.3  | 41.2  | 81.2   |
| 272       | 13.0  | 0.0   | 32.4   |

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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: 129.342 ng

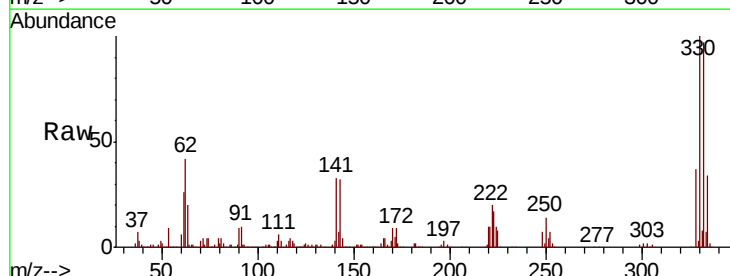
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

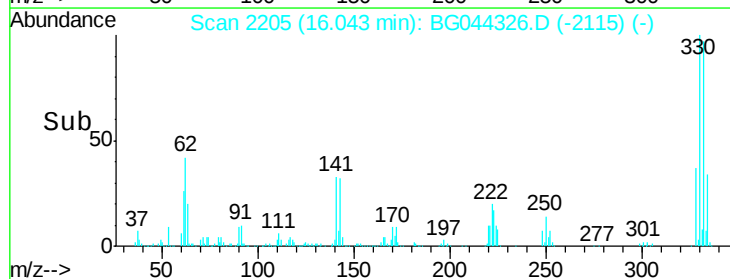
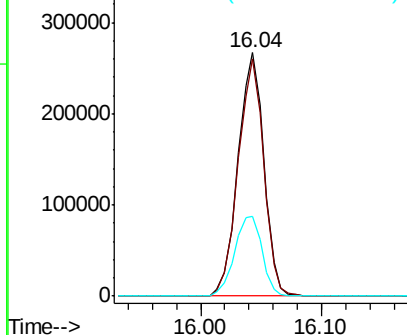
Lab File: BG044326.D

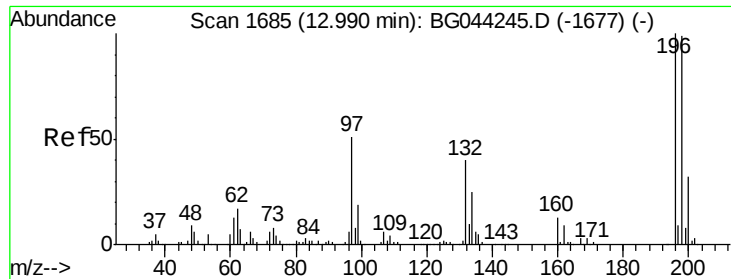
Acq: 6 Feb 2020 17:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 400189 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.7  | 77.2  | 115.8  |
| 141       | 34.9  | 28.3  | 42.5   |



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





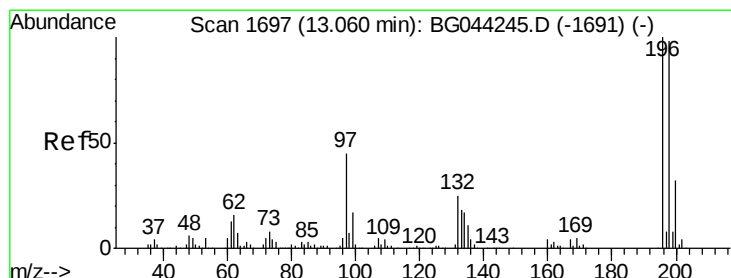
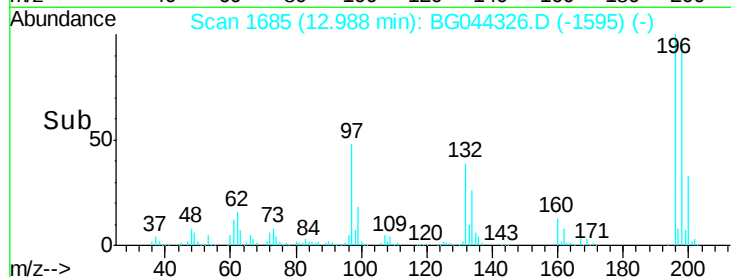
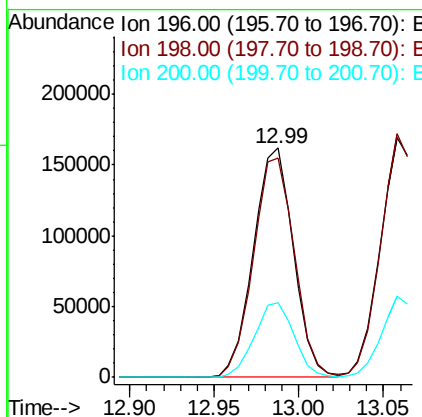
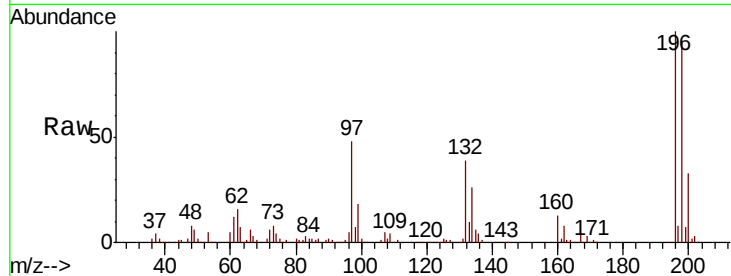
#43  
 2,4,6-Trichlorophenol  
 Concen: 52.468 ng  
 RT: 12.99 min Scan# 1685  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 267376 |       |       |
| 198     | 95.8  | 79.3   | 118.9 |       |
| 200     | 32.8  | 25.7   | 38.5  |       |

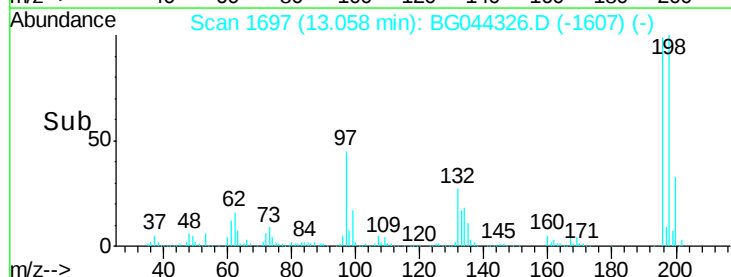
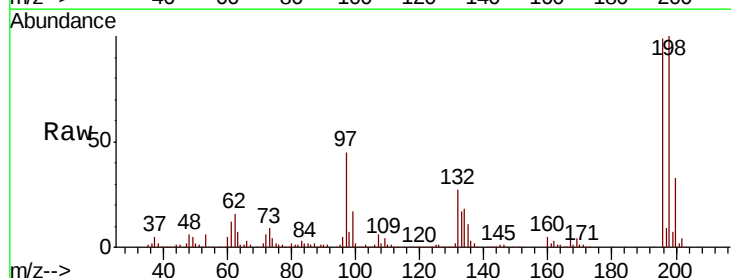
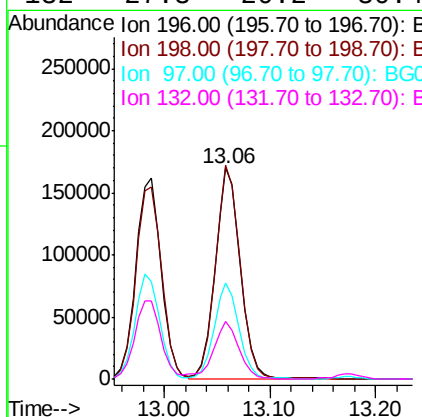
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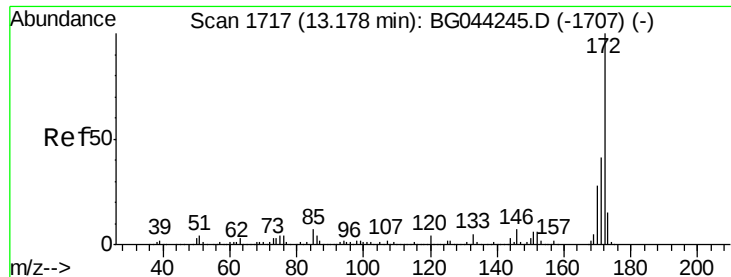
mohammad  
 2/10/2020 8:17:00 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 53.902 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 280564 |       |       |
| 198     | 101.3 | 78.2   | 117.2 |       |
| 97      | 45.3  | 36.2   | 54.4  |       |
| 132     | 27.3  | 20.2   | 30.4  |       |





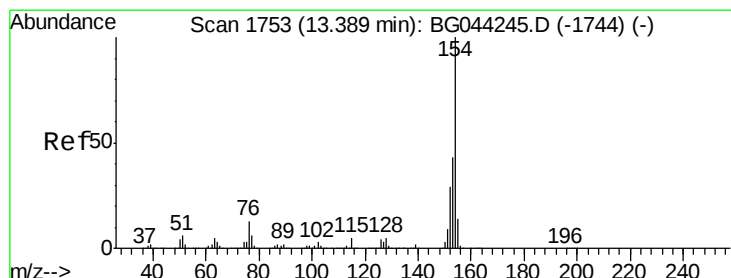
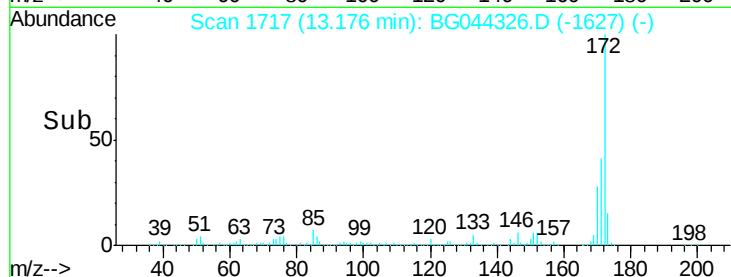
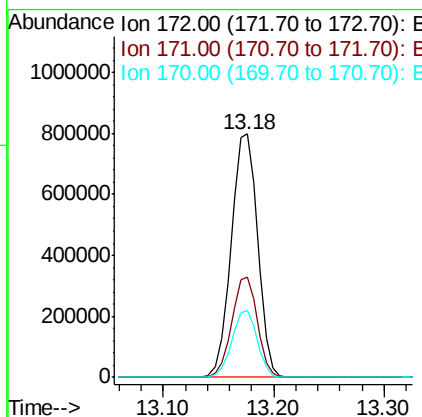
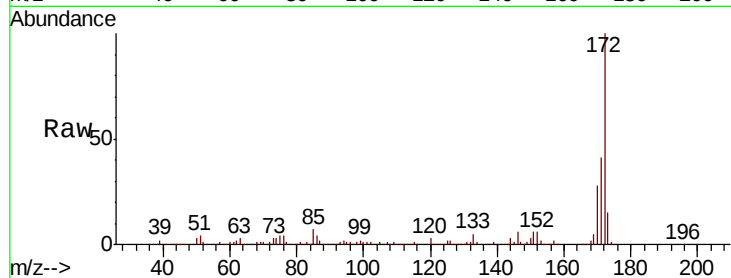
#45  
2-Fluorobiphenyl  
Concen: 85.200 ng  
RT: 13.18 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 41.2  | 32.9  | 49.3  |
| 170     | 27.5  | 22.0  | 33.0  |

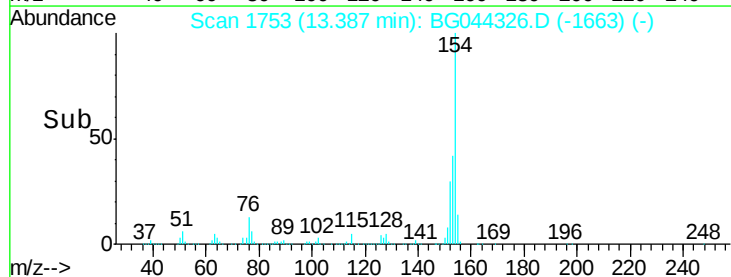
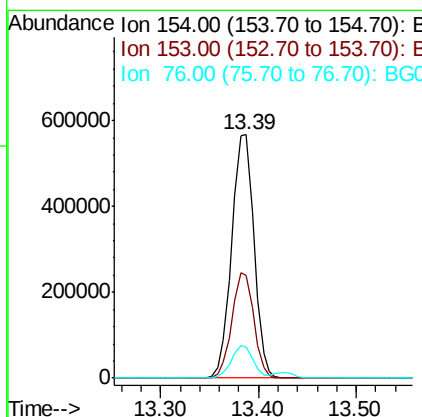
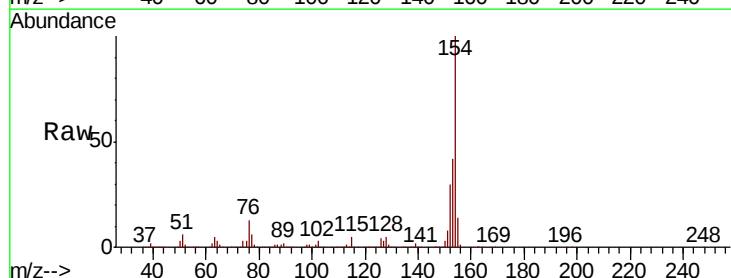
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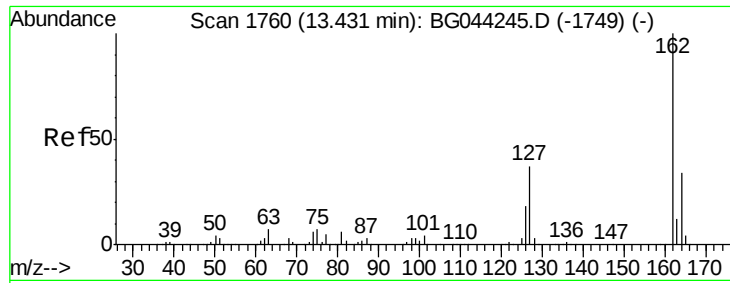
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 47.367 ng  
RT: 13.39 min Scan# 1753  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.5  | 22.7  | 62.7  |
| 76      | 12.6  | 0.0   | 32.9  |





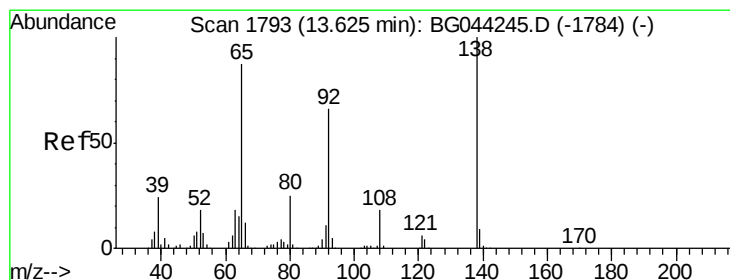
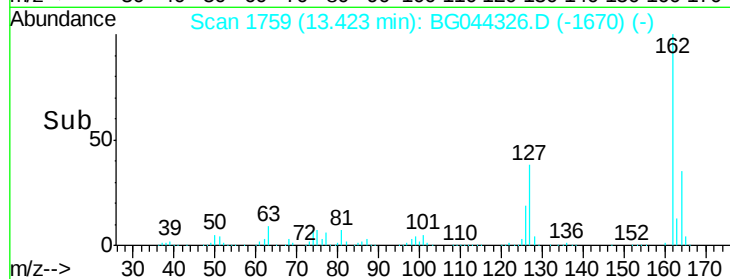
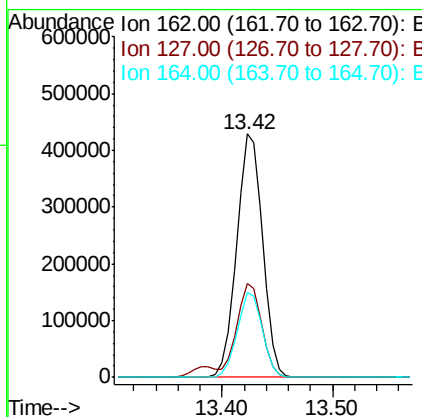
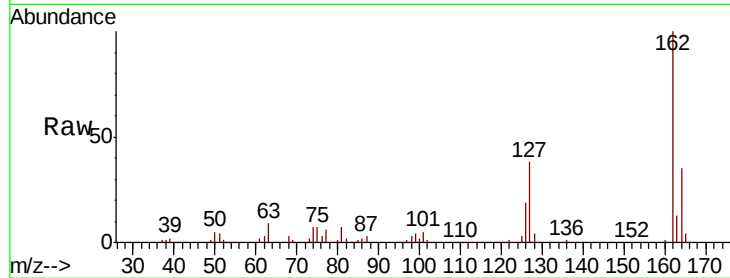
#47  
 2-Chloronaphthalene  
 Concen: 46.654 ng  
 RT: 13.42 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 30.0  | 45.0  |
| 164     | 34.8  | 27.2  | 40.8  |

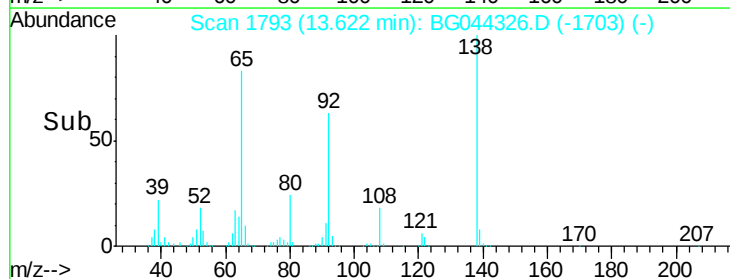
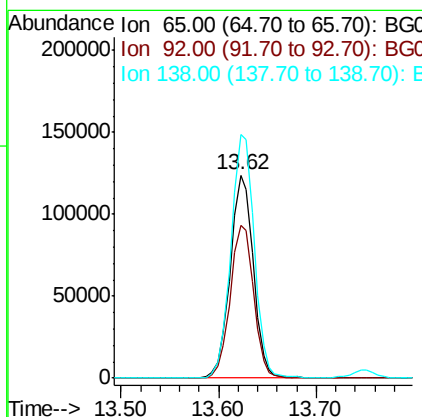
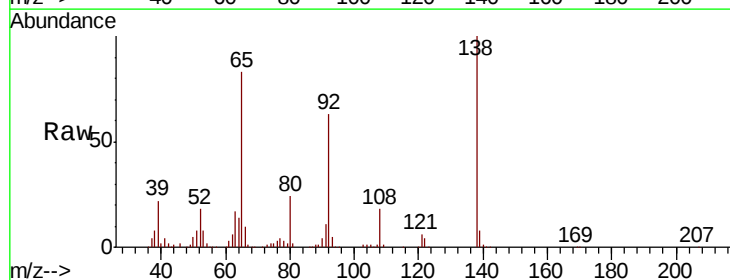
Manual Integrations  
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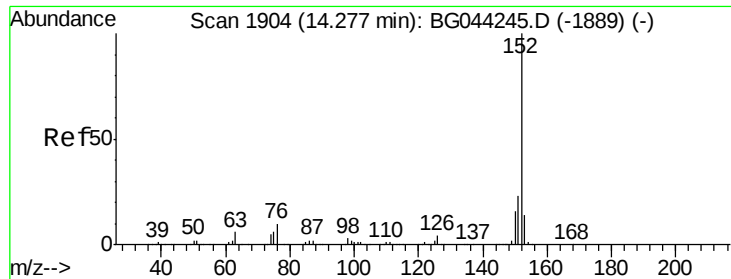
mohammad  
 2/10/2020 8:17:00 AM



#48  
 2-Nitroaniline  
 Concen: 45.709 ng  
 RT: 13.62 min Scan# 1793  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.4  | 60.3  | 90.5  |
| 138     | 119.8 | 91.9  | 137.9 |





#49

Acenaphthylene

Concen: 50.013 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

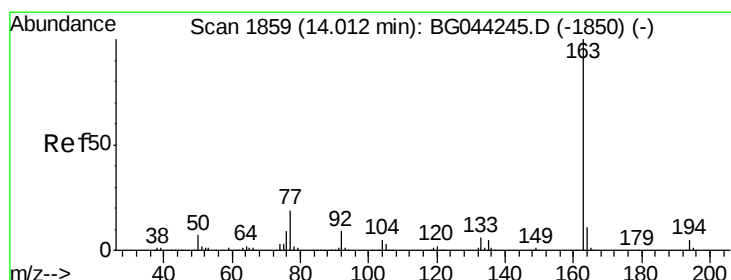
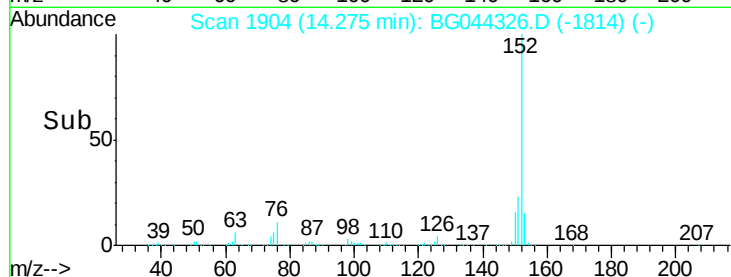
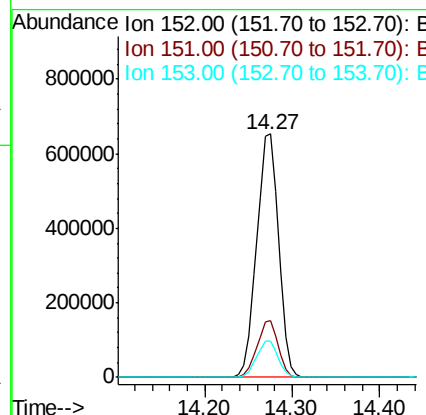
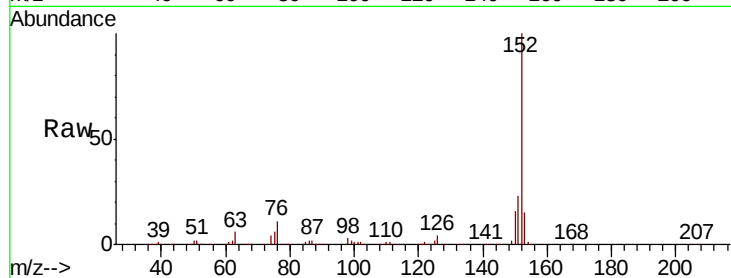
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 1109712 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 23.3  | 18.1  | 27.1    |
| 153      | 14.8  | 11.5  | 17.3    |

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#50

Dimethylphthalate

Concen: 52.694 ng

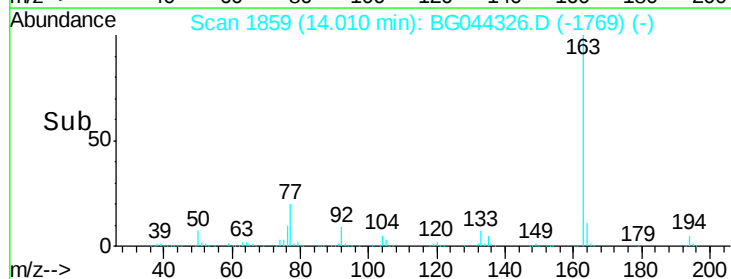
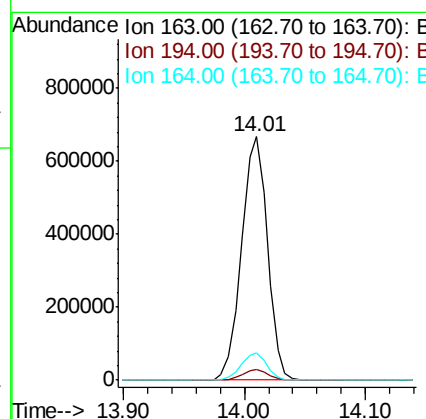
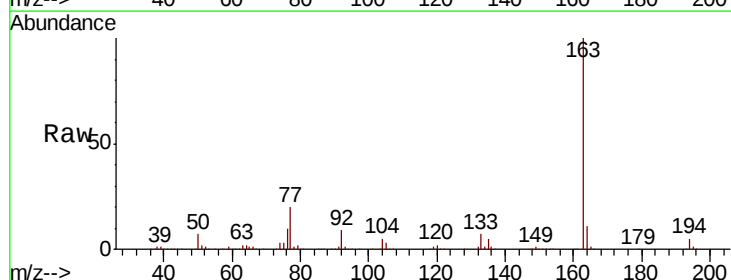
RT: 14.01 min Scan# 1859

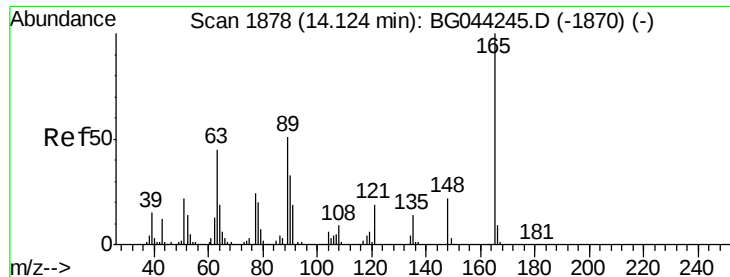
Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 998307 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.6   | 3.6   | 5.4    |
| 164      | 11.4  | 8.7   | 13.1   |





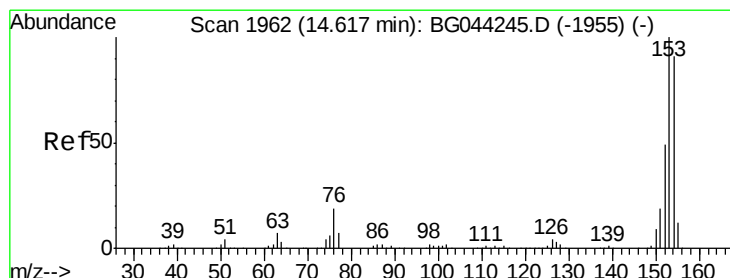
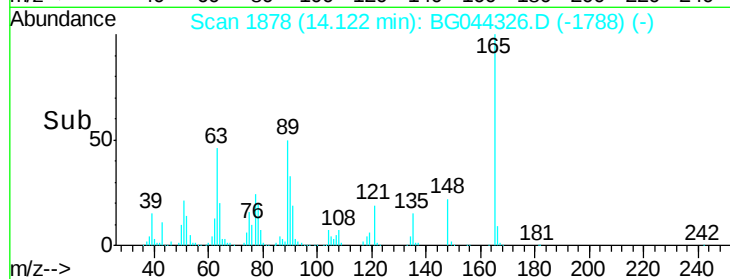
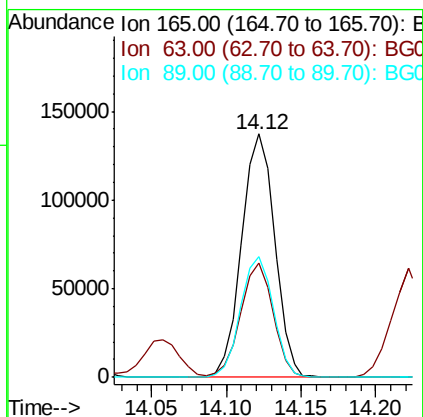
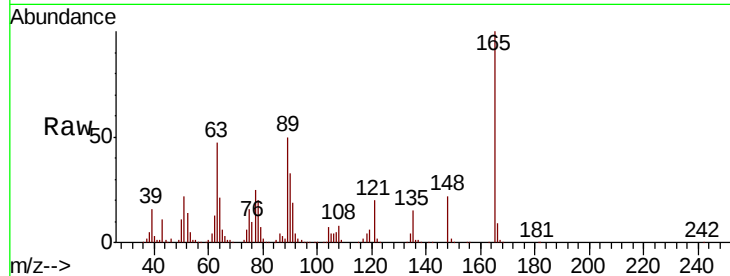
#51  
2,6-Dinitrotoluene  
Concen: 49.963 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 211054 |       |       |
| 63      | 46.9  |        | 38.7  | 58.1  |
| 89      | 49.6  |        | 40.4  | 60.6  |

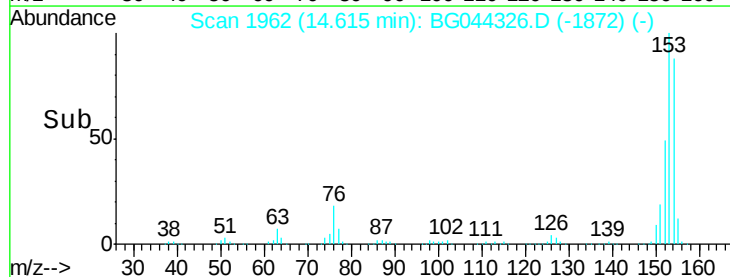
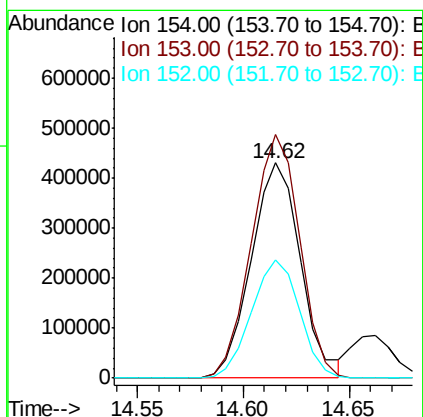
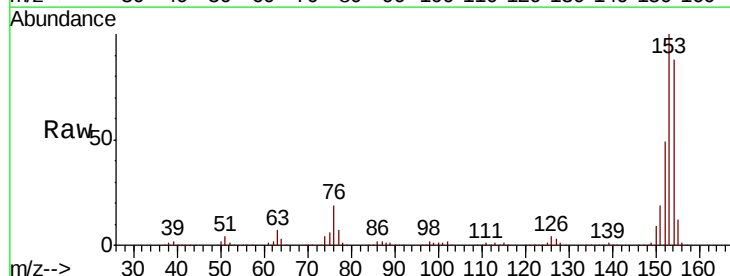
Manual Integrations  
APPROVED

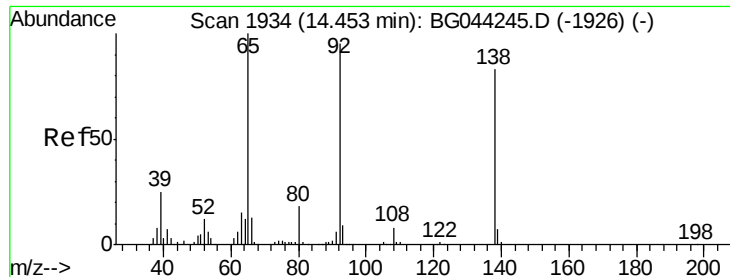
mohammad  
2/10/2020 8:17:00 AM



#52  
Acenaphthene  
Concen: 48.587 ng  
RT: 14.62 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 698780 |       |       |
| 153     | 113.1 |        | 87.9  | 131.9 |
| 152     | 55.1  |        | 43.1  | 64.7  |





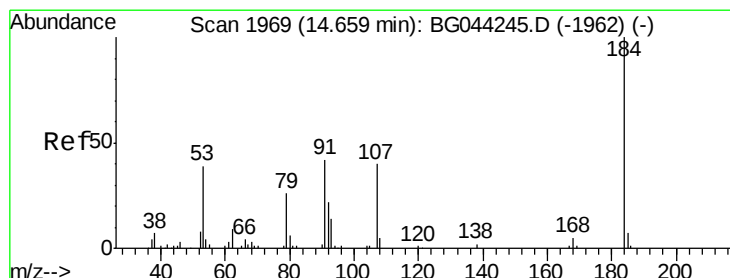
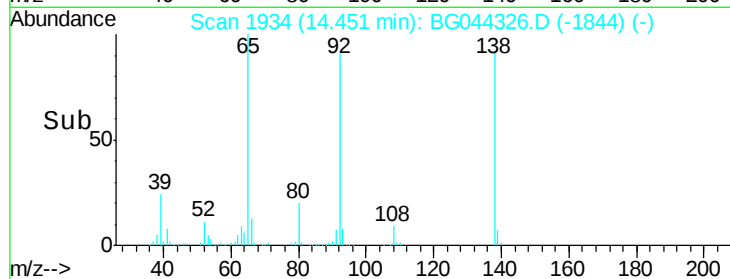
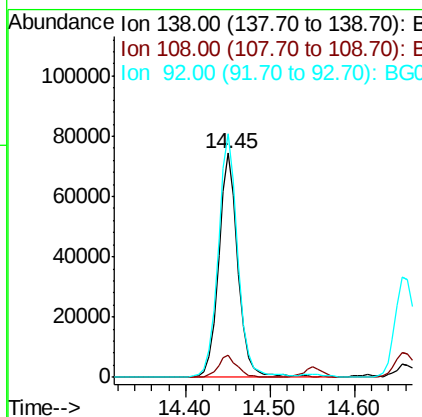
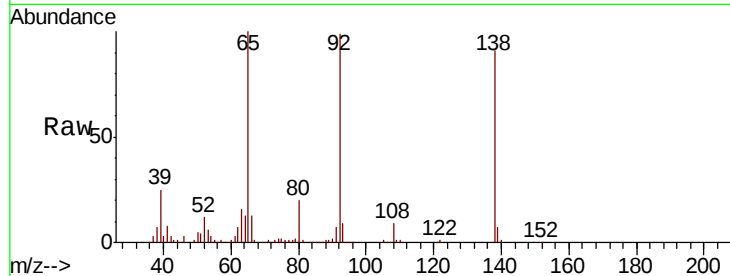
#53  
3-Nitroaniline  
Concen: 25.332 ng  
RT: 14.45 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 7.9   | 11.9  |
| 92      | 108.5 | 91.0  | 136.4 |

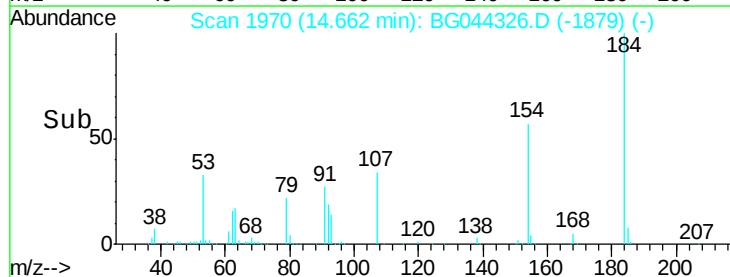
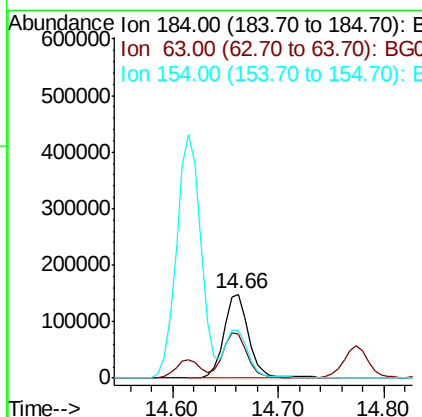
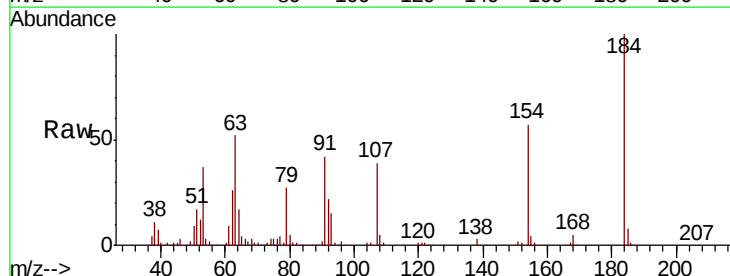
Manual Integrations  
APPROVED

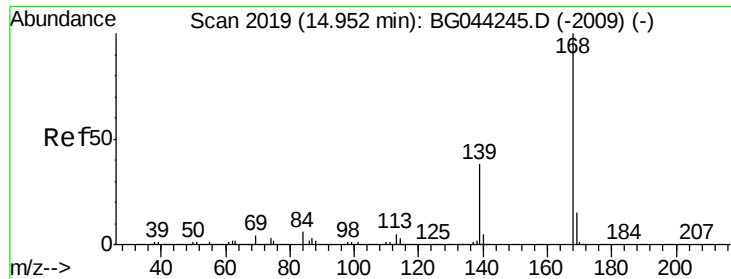
mohammad  
2/10/2020 8:17:00 AM



#54  
2,4-Dinitrophenol  
Concen: 95.252 ng  
RT: 14.66 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 51.6  | 44.1  | 66.1  |
| 154     | 57.0  | 45.4  | 68.0  |





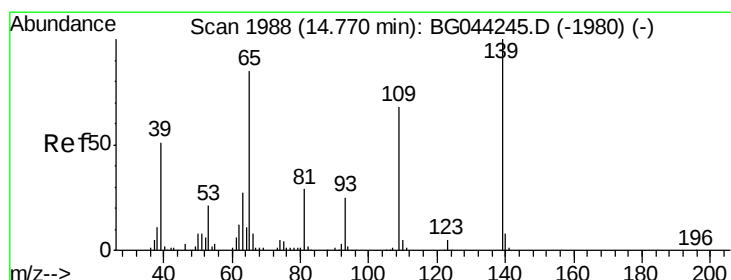
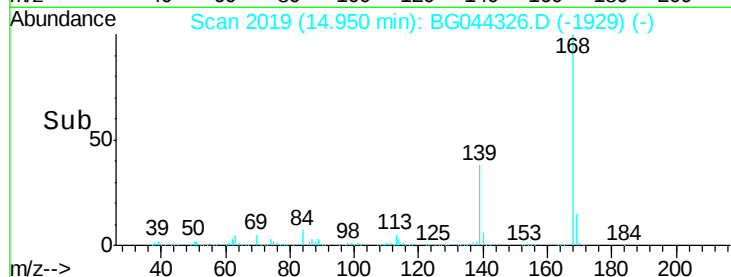
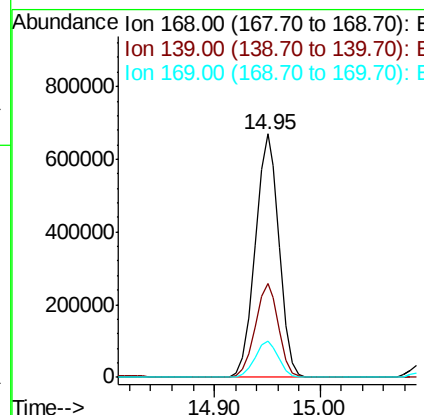
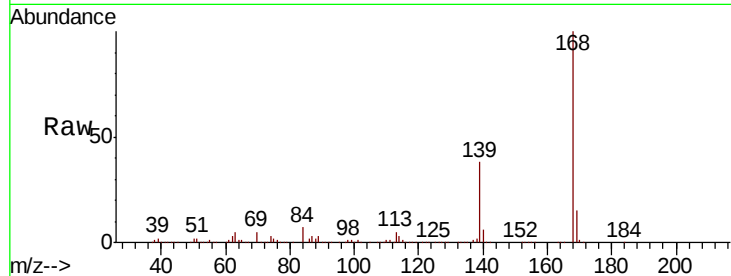
#55  
Dibenzenofuran  
Concen: 48.152 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.4  | 30.5  | 45.7  |
| 169     | 14.7  | 11.7  | 17.5  |

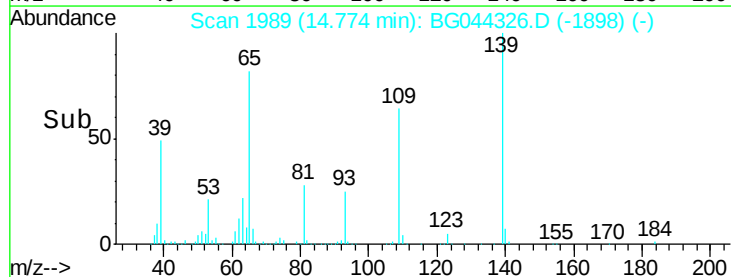
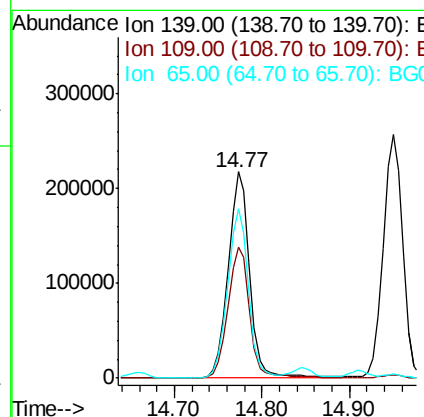
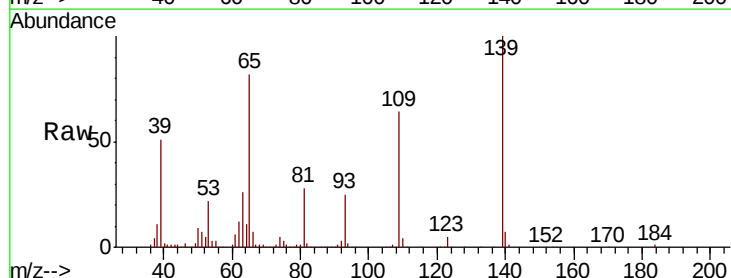
Manual Integrations  
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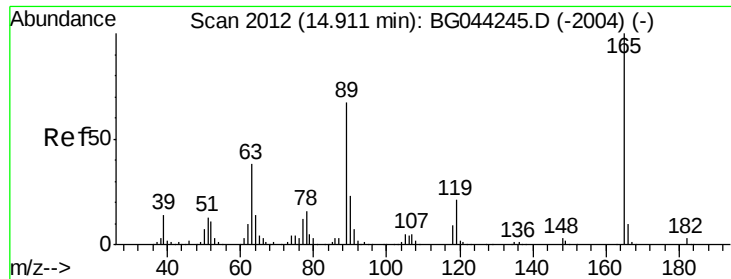
mohammad  
2/10/2020 8:17:00 AM



#56  
4-Nitrophenol  
Concen: 107.761 ng  
RT: 14.77 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.5  | 47.5  | 87.5  |
| 65      | 82.0  | 64.9  | 104.9 |





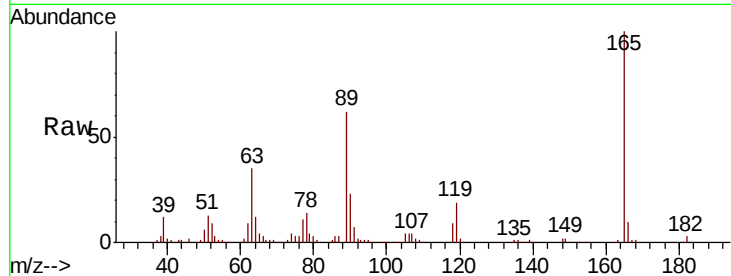
#57  
2,4-Dinitrotoluene  
Concen: 48.628 ng  
RT: 14.91 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

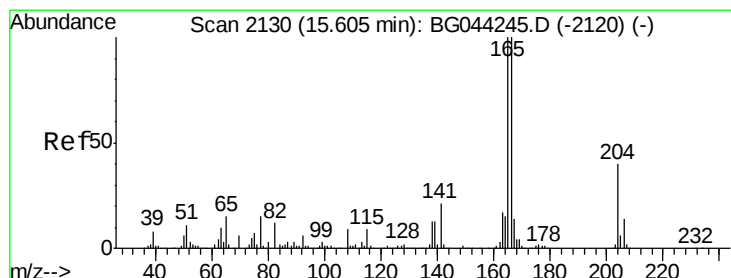
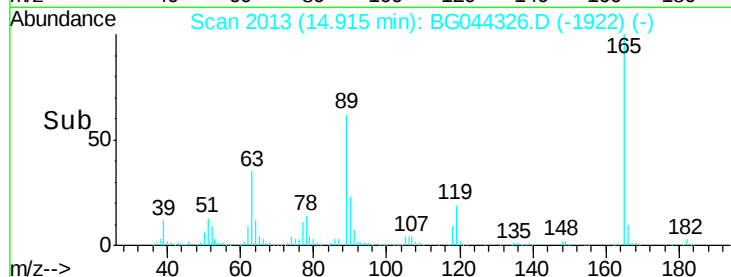
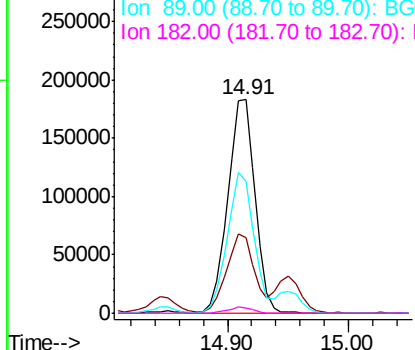
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 287906 |       |       |
| 63      | 35.2 |       | 30.3   | 45.5  |       |
| 89      | 61.9 |       | 53.4   | 80.2  |       |
| 182     | 2.7  |       | 2.1    | 3.1   |       |

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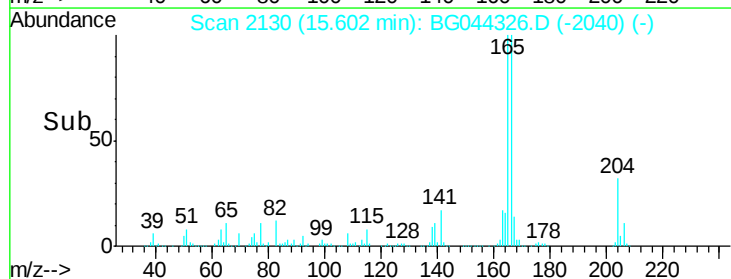
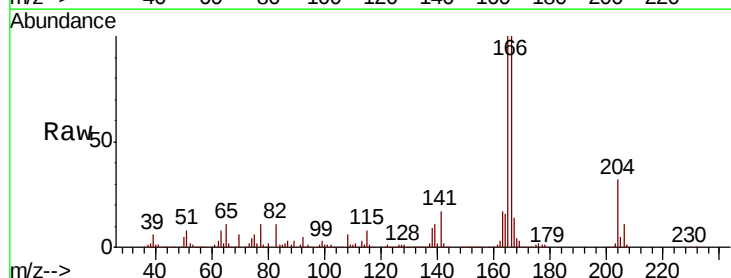
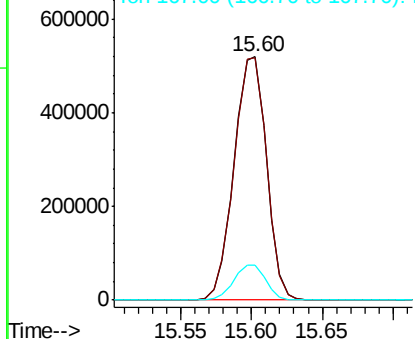
Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

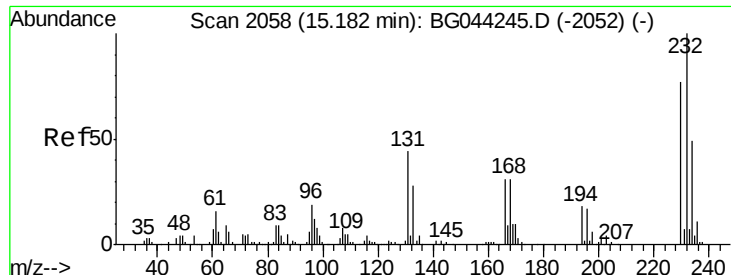


#58  
Fluorene  
Concen: 48.505 ng  
RT: 15.60 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 831897 |       |       |
| 165     | 99.7 |       | 79.9   | 119.9 |       |
| 167     | 14.1 |       | 11.4   | 17.0  |       |

Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





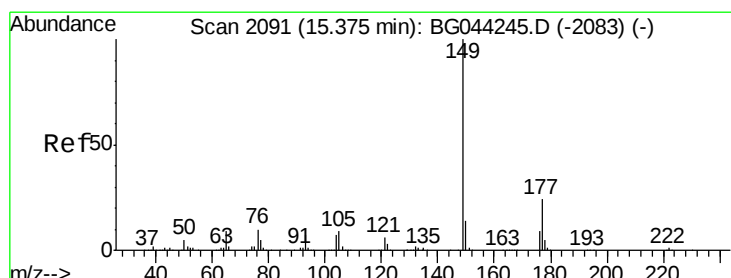
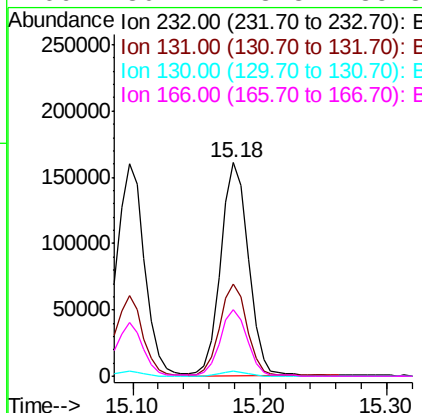
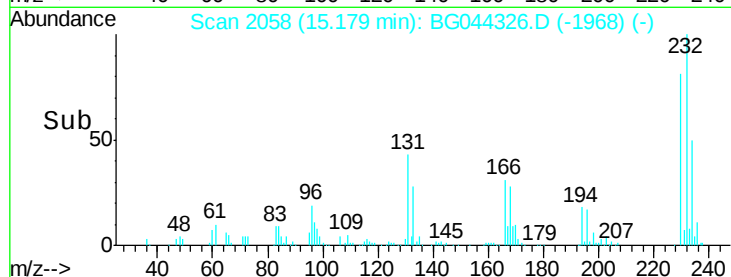
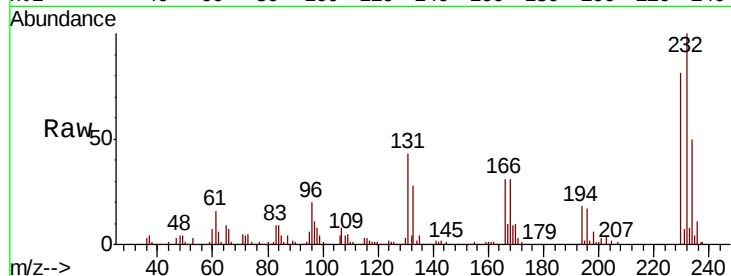
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.965 ng  
RT: 15.18 min Scan# 2058  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 244314 |       |       |
| 131     | 42.2  |        | 34.2  | 51.4  |
| 130     | 2.4   |        | 1.8   | 2.8   |
| 166     | 30.7  |        | 23.8  | 35.8  |

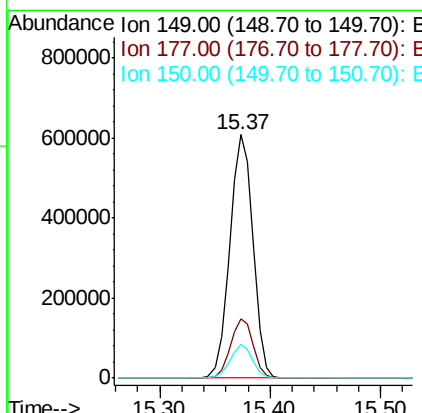
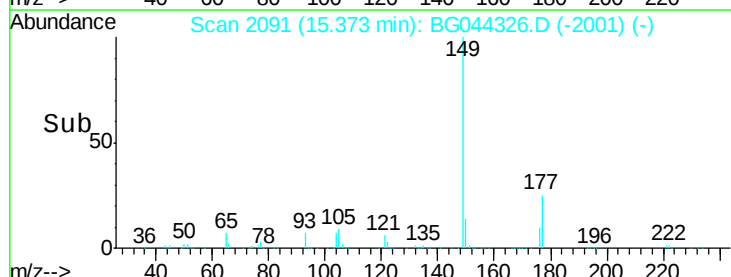
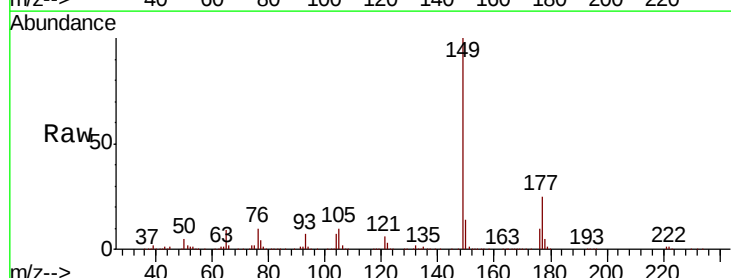
Manual Integrations  
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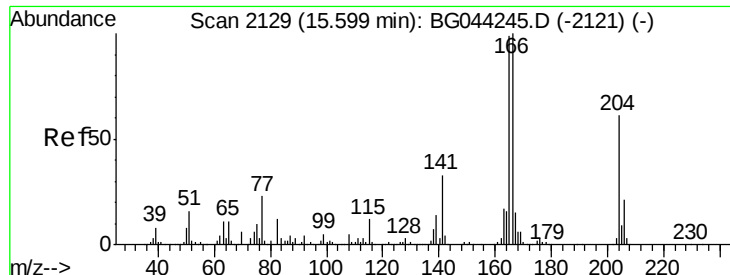
mohammad  
2/10/2020 8:17:00 AM



#60  
Diethylphthalate  
Concen: 47.294 ng  
RT: 15.37 min Scan# 2091  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 892801 |       |       |
| 177     | 24.5  |        | 19.4  | 29.0  |
| 150     | 13.6  |        | 10.9  | 16.3  |





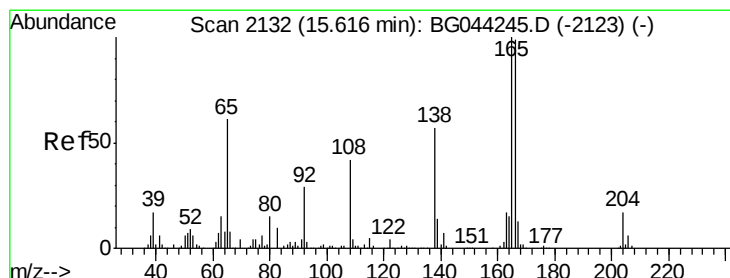
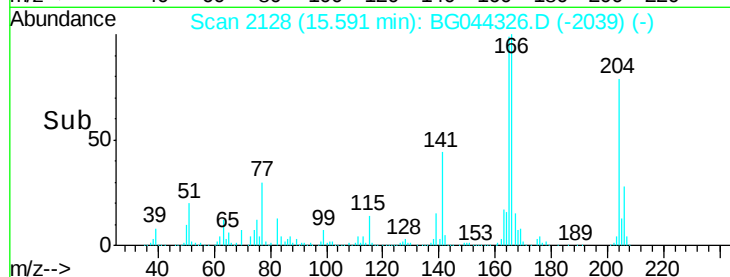
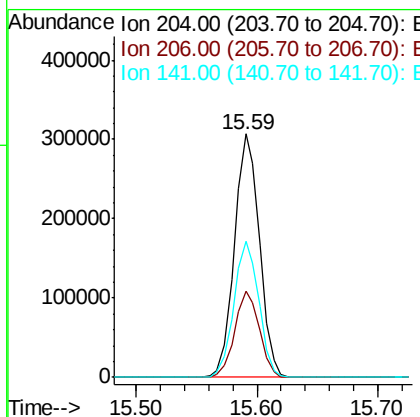
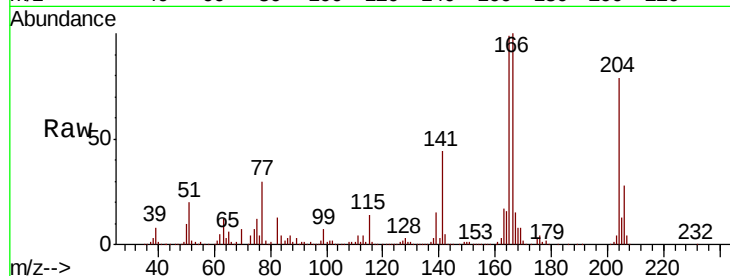
#61  
4-Chlorophenyl-phenylether  
Concen: 47.436 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.2  | 27.6  | 41.4  |
| 141     | 55.8  | 43.4  | 65.0  |

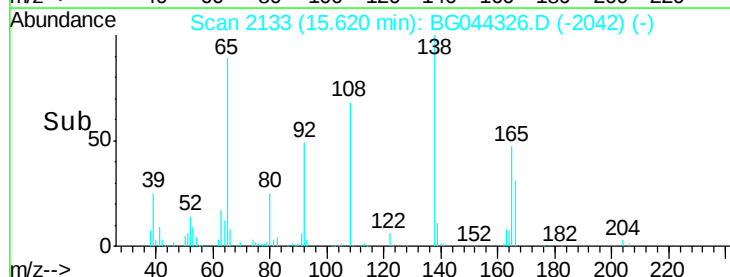
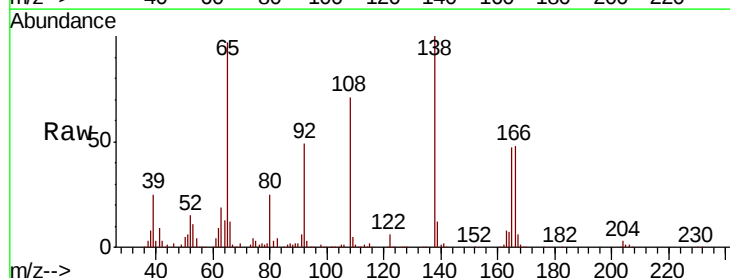
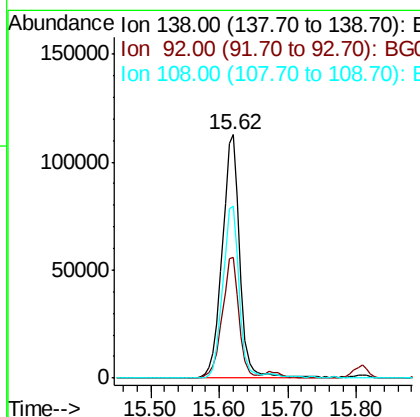
Manual Integrations  
APPROVED

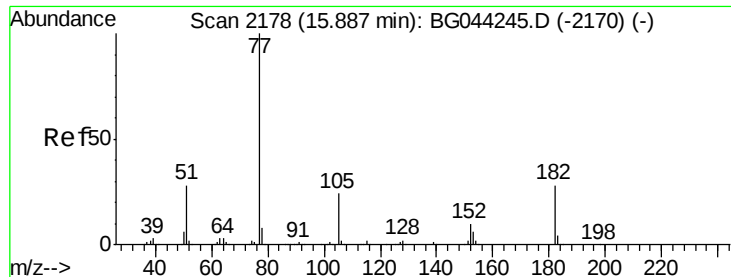
mohammad  
2/10/2020 8:17:00 AM



#62  
4-Nitroaniline  
Concen: 43.230 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. 0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.5  | 31.3  | 71.3  |
| 108     | 70.6  | 52.6  | 92.6  |





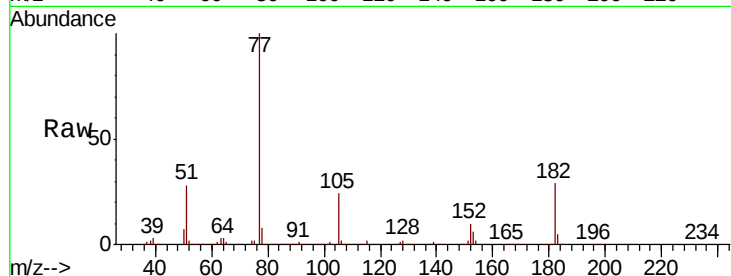
#63  
Azobenzene  
Concen: 47.788 ng  
RT: 15.88 min Scan# 2178  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

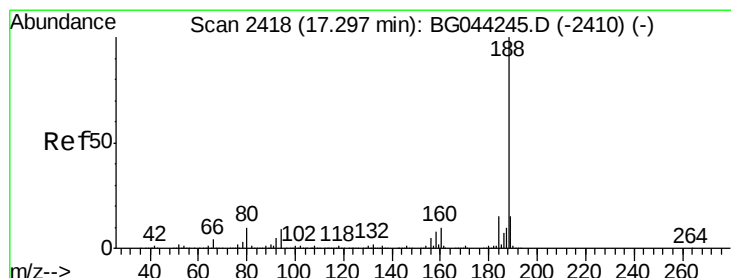
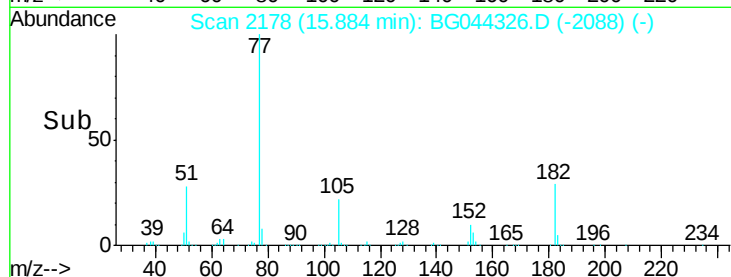
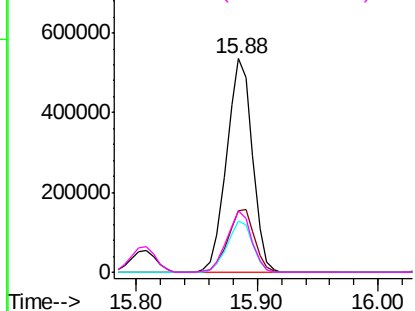
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 28.9 | 8.2   | 48.2  |       |
| 105     | 23.7 | 3.6   | 43.6  |       |
| 51      | 28.5 | 8.3   | 48.3  |       |

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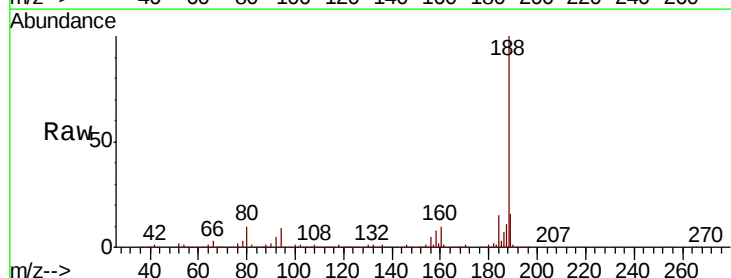


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

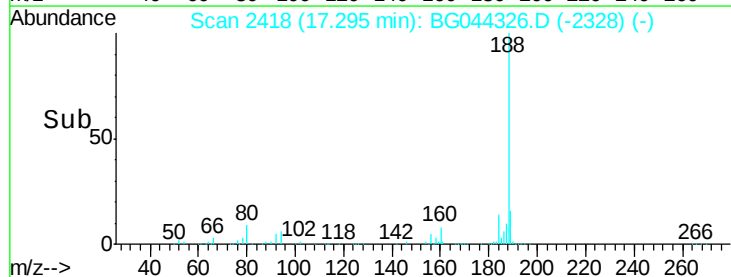
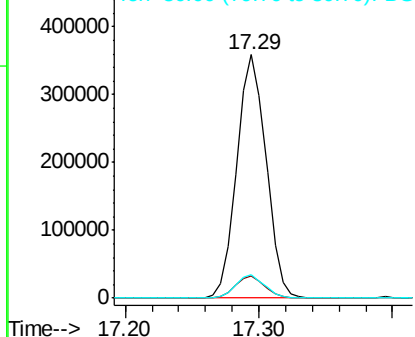


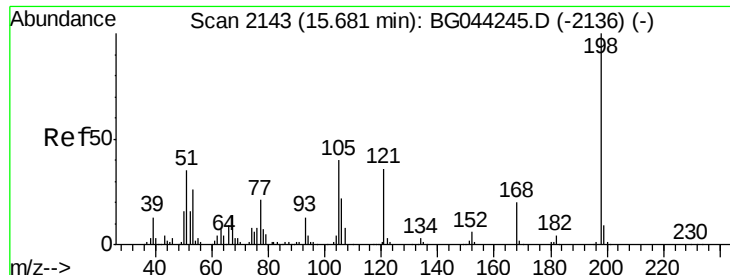
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.29 min Scan# 2418  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.0 | 7.4   | 11.2  |       |
| 80      | 9.6 | 7.7   | 11.5  |       |



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: 59.119 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

Tot Ion:198 Resp: 177979

Ion Ratio Lower Upper

198 100

51 35.7 16.6 56.6

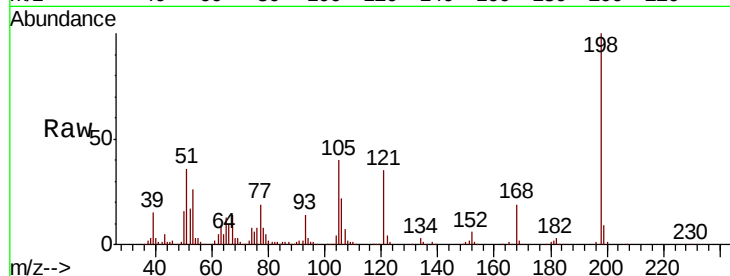
105 40.0 20.6 60.6

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.68

150000

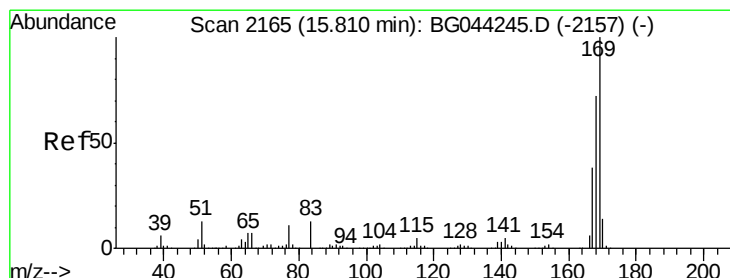
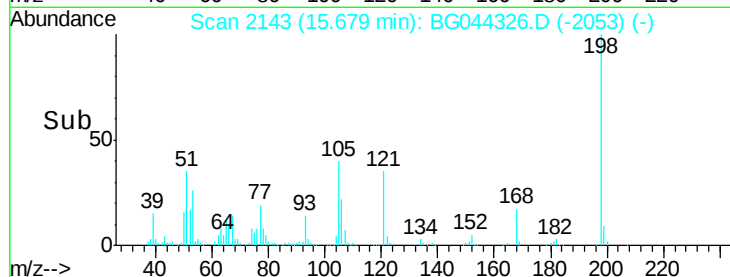
100000

50000

0

15.60 15.70 15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 51.121 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

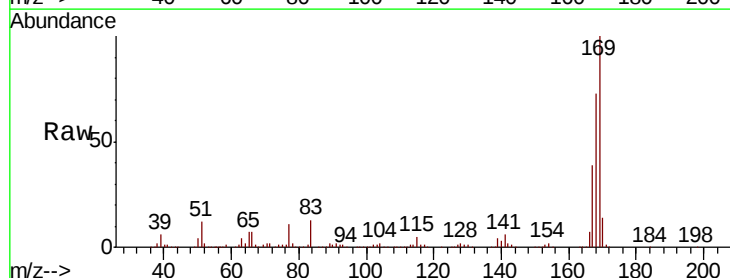
Tgt Ion:169 Resp: 781349

Ion Ratio Lower Upper

169 100

168 72.8 57.9 86.9

167 39.0 30.7 46.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.81

600000

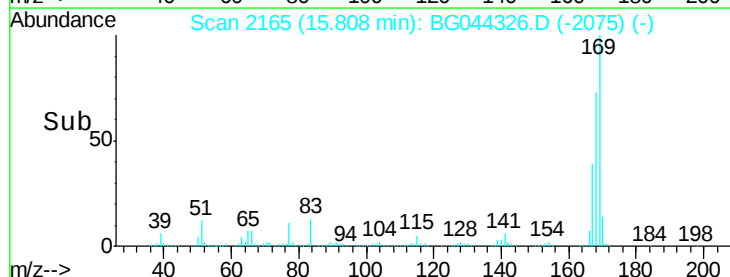
400000

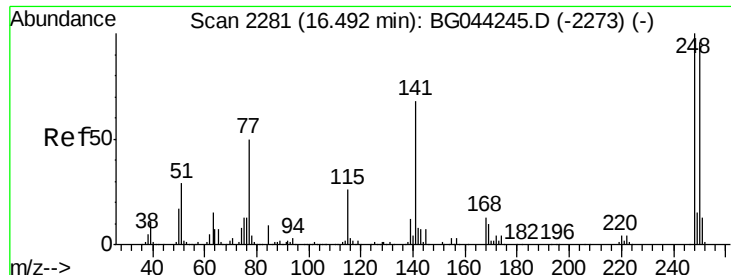
200000

0

15.70 15.80 15.90

Time-->





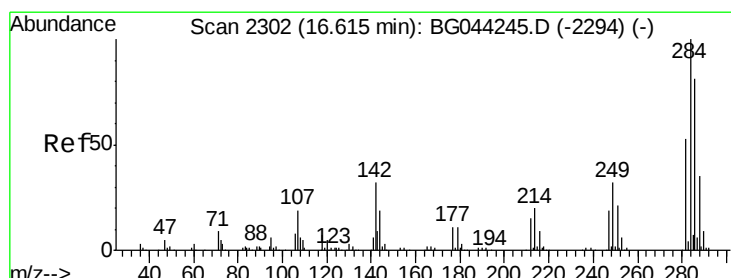
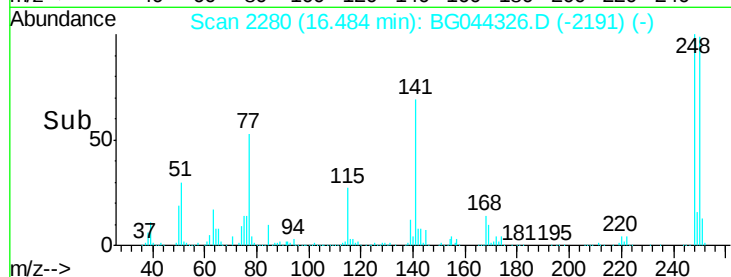
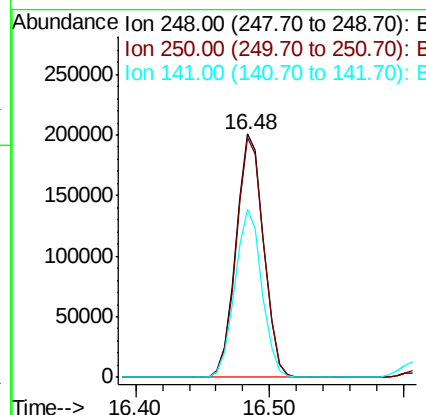
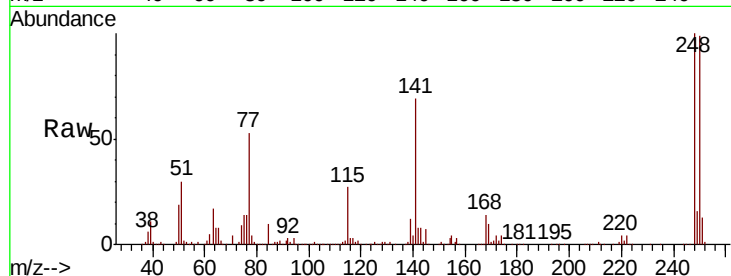
#67  
4-Bromophenyl-phenylether  
Concen: 48.652 ng  
RT: 16.48 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.5  | 76.6  | 114.8 |
| 141     | 69.0  | 54.7  | 82.1  |

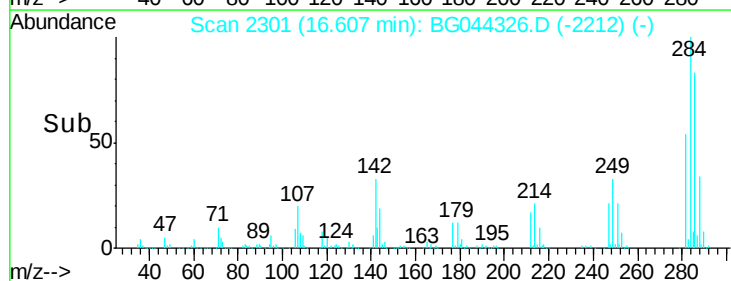
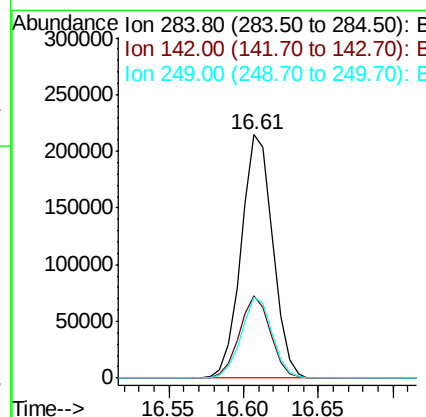
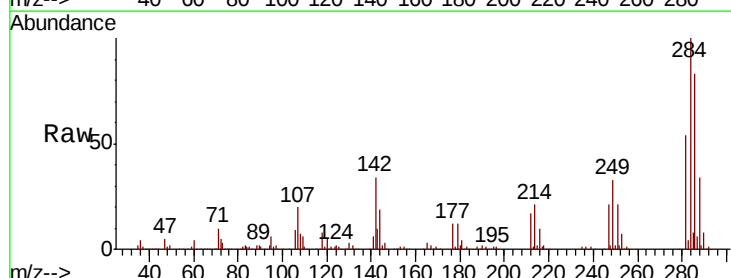
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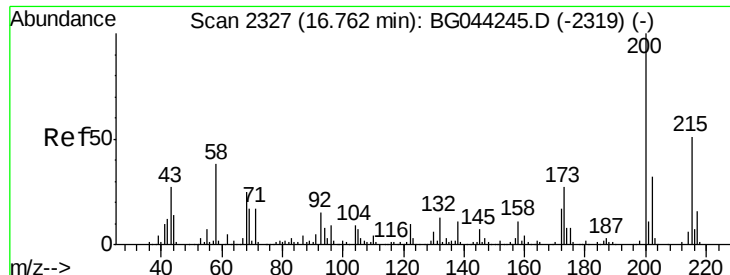
mohammad  
2/10/2020 8:17:00 AM



#68  
Hexachlorobenzene  
Concen: 47.359 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.6  | 25.3  | 37.9  |
| 249     | 33.2  | 25.5  | 38.3  |





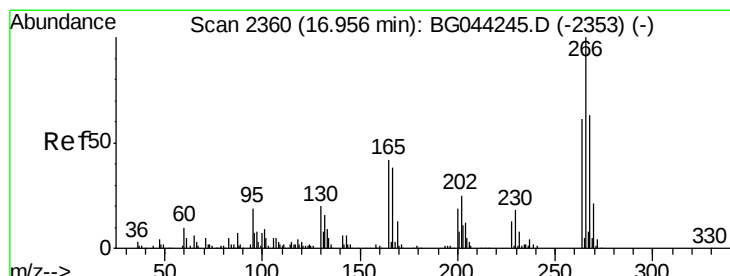
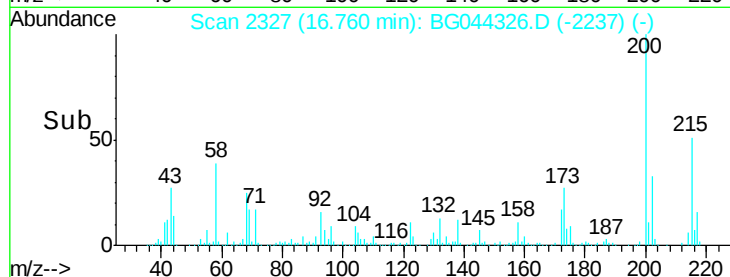
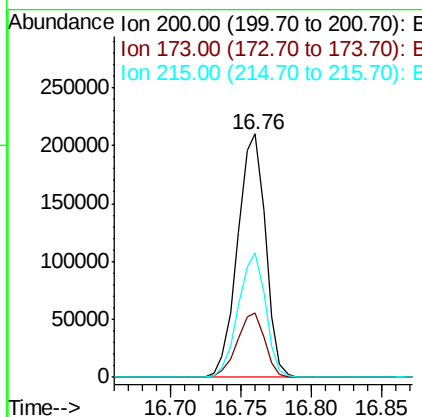
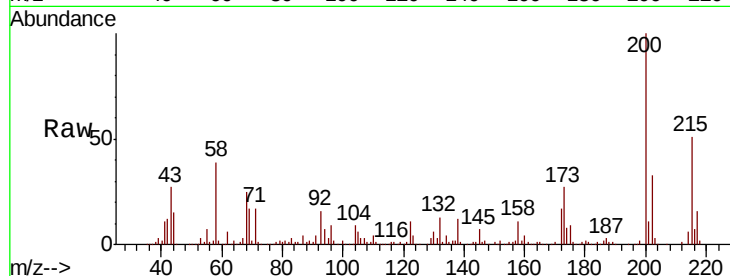
#69  
Atrazine  
Concen: 55.347 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.6  | 6.6        | 46.6  |
| 215     | 51.0  | 31.0       | 71.0  |

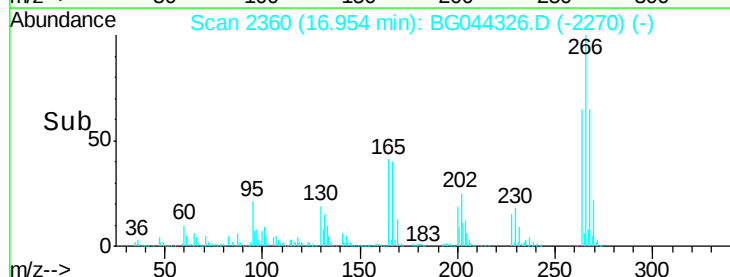
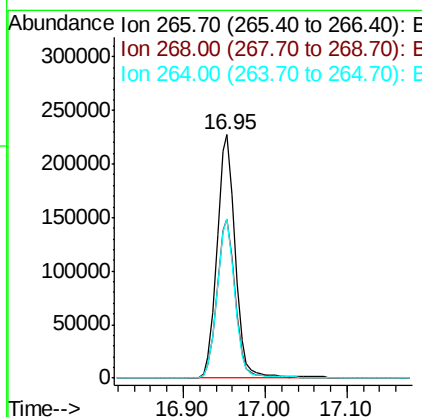
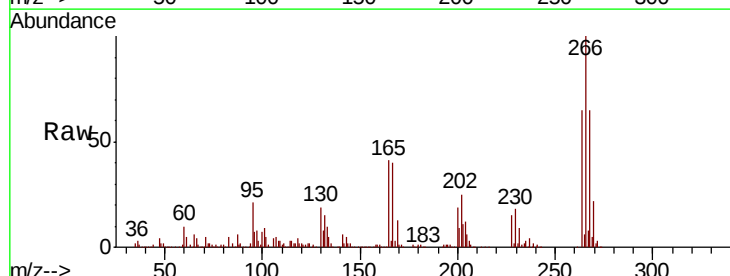
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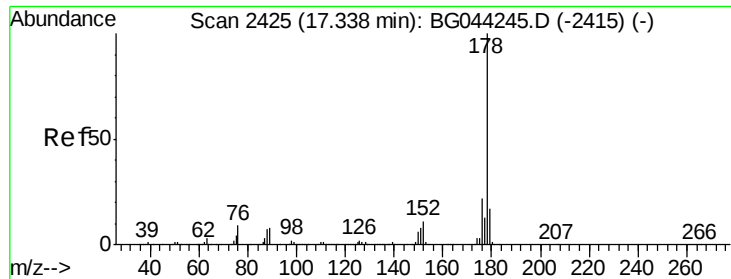
mohammad  
2/10/2020 8:17:00 AM



#70  
Pentachlorophenol  
Concen: 104.863 ng  
RT: 16.95 min Scan# 2360  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 65.2  | 50.6       | 75.8  |
| 264     | 65.2  | 48.7       | 73.1  |





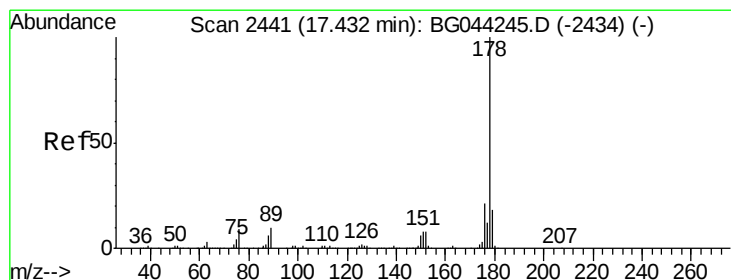
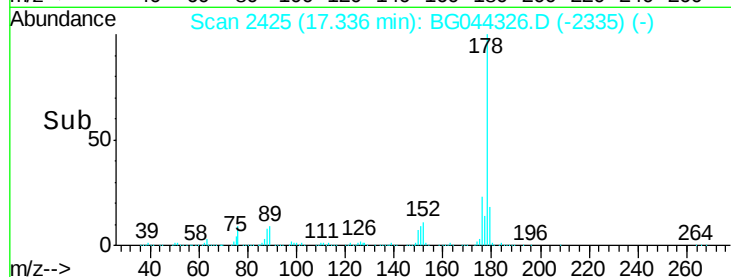
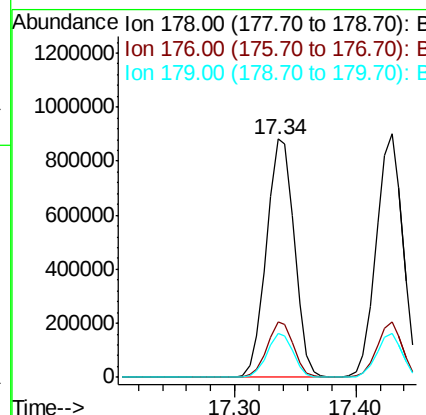
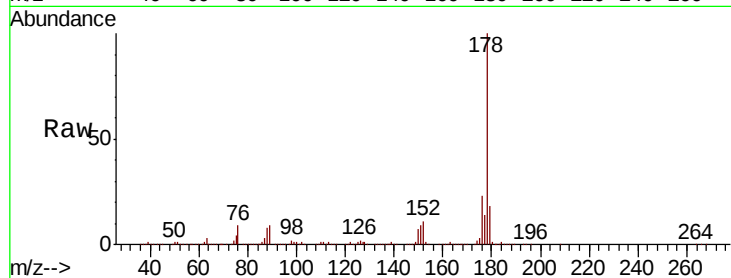
#71  
Phenanthrene  
Concen: 53.330 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

Tot Ion:178 Resp: 1408439  
Ion Ratio Lower Upper  
178 100  
176 23.3 17.7 26.5  
179 18.4 13.7 20.5

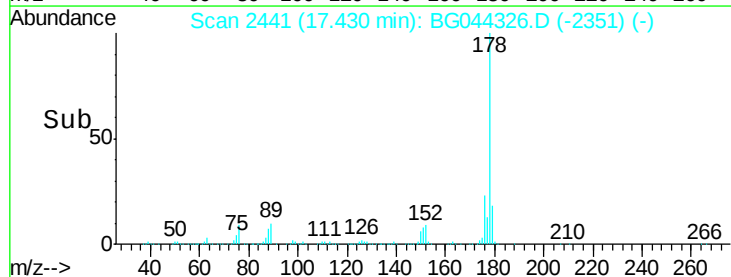
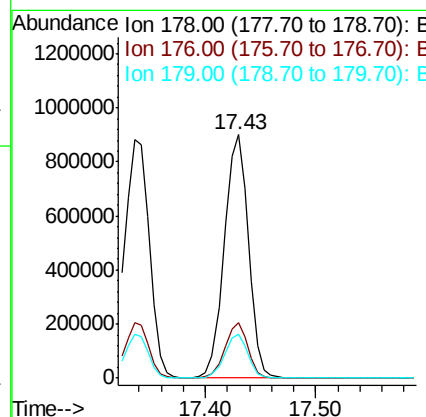
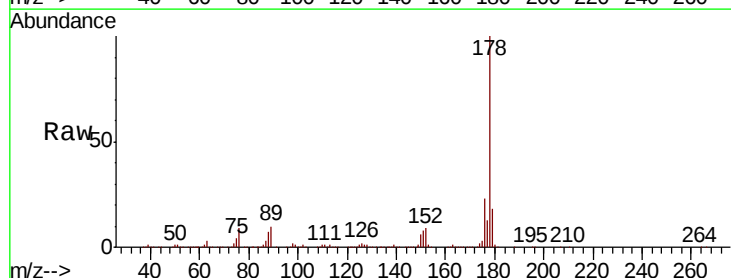
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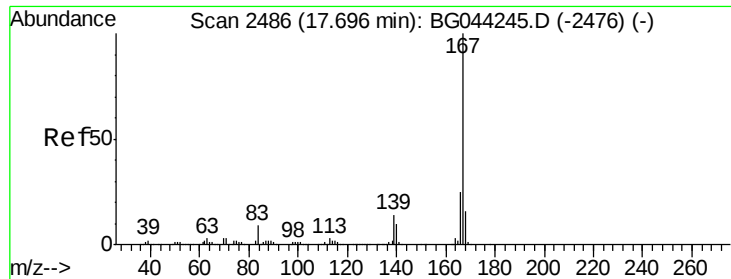
mohammad  
2/10/2020 8:17:00 AM



#72  
Anthracene  
Concen: 52.593 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Tgt Ion:178 Resp: 1373212  
Ion Ratio Lower Upper  
178 100  
176 22.6 17.0 25.4  
179 18.1 14.4 21.6





#73

Carbazole

Concen: 49.162 ng

RT: 17.69 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

Tot Ion:167 Resp: 1183366

Ion Ratio Lower Upper

167 100

166 26.2 19.8 29.6

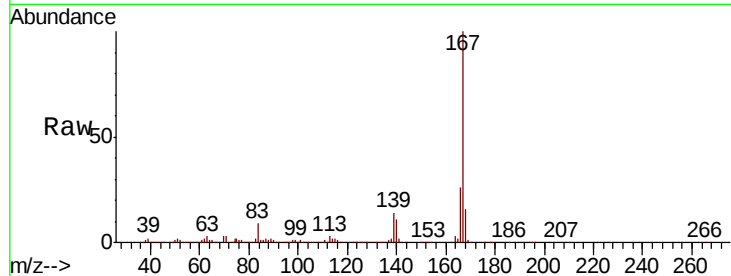
139 13.9 11.1 16.7

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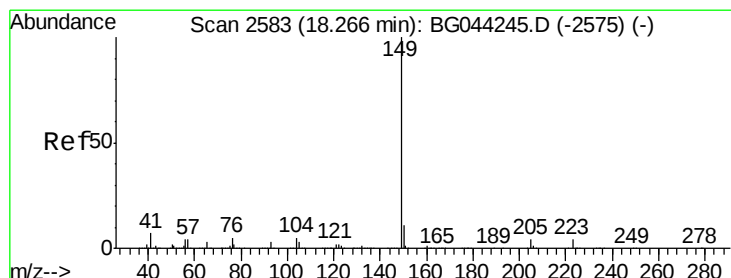
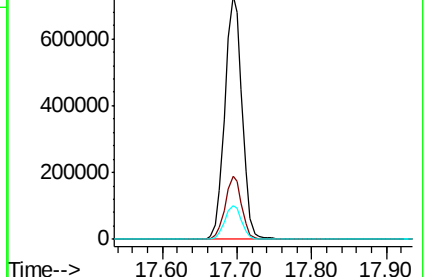
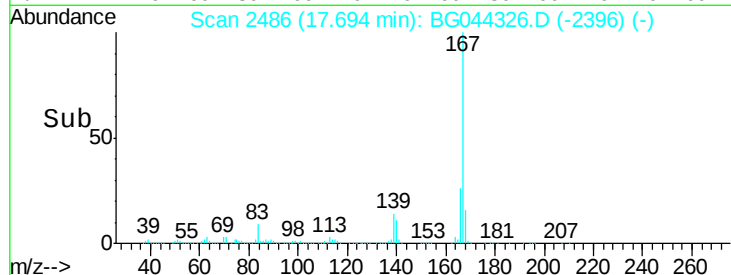
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.135 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

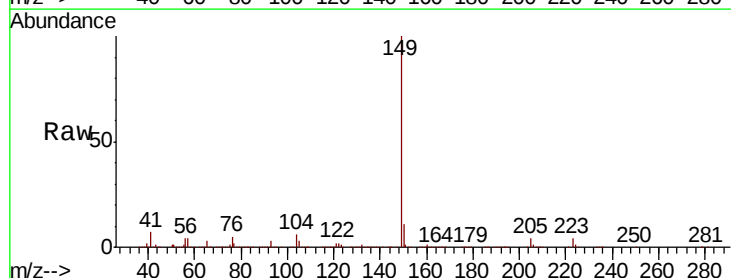
Tgt Ion:149 Resp: 1431801

Ion Ratio Lower Upper

149 100

150 11.1 8.7 13.1

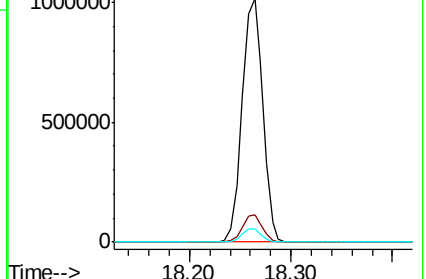
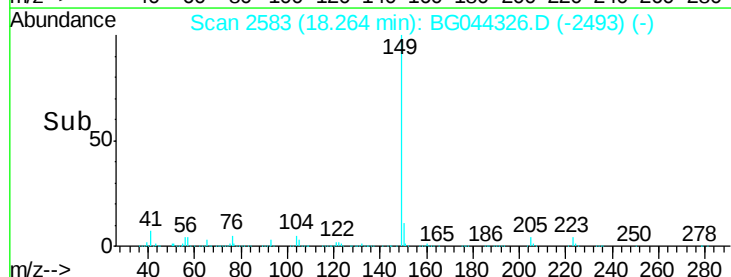
104 5.5 4.3 6.5

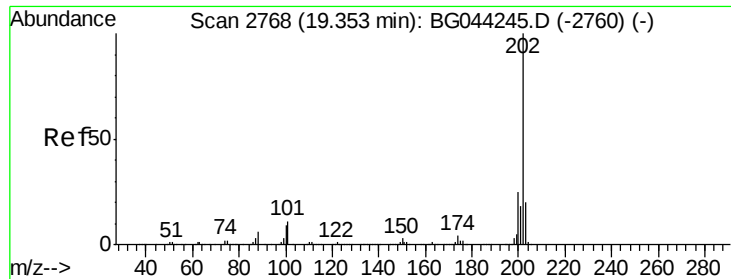


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 58.195 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

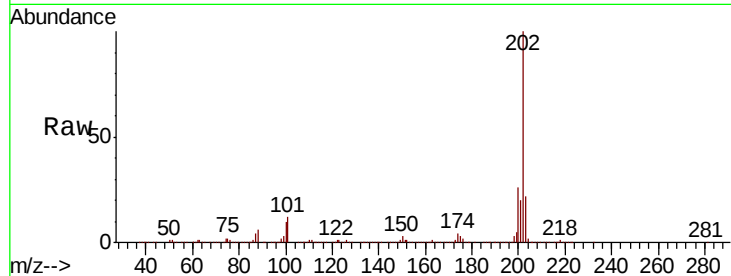
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

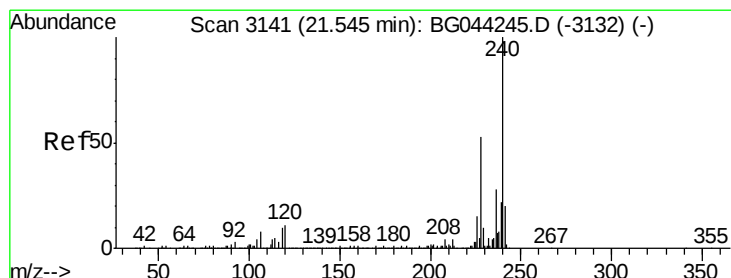
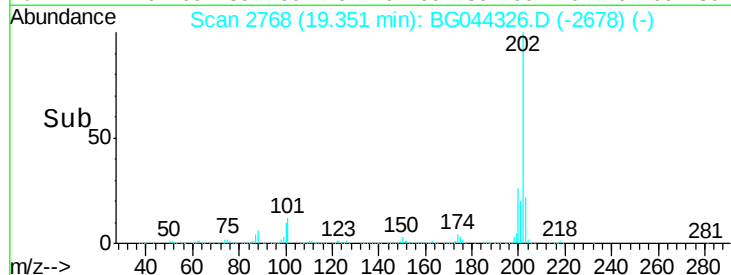
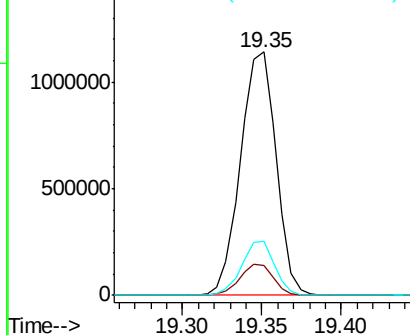
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1777909 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 12.1  | 0.0   | 31.3    |
| 203      | 22.0  | 0.0   | 39.9    |

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



#76

Chrysene-d12

Concen: 20.000 ng

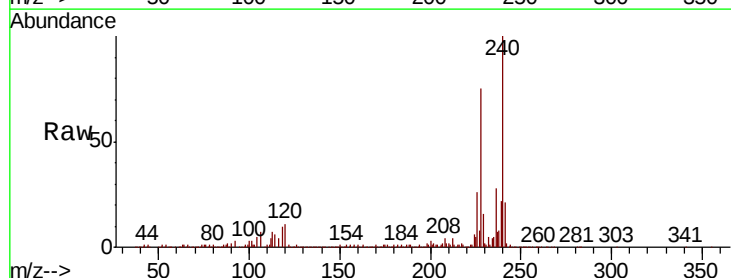
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

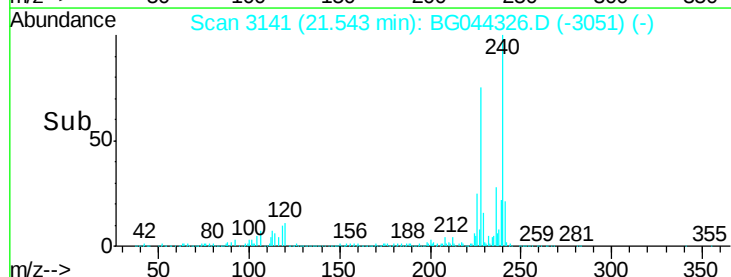
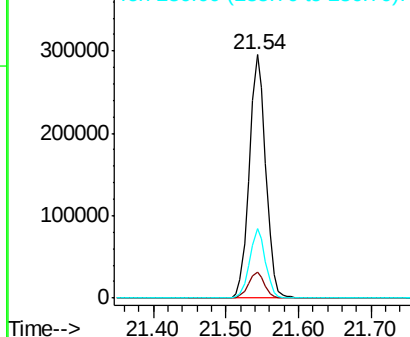
Lab File: BG044326.D

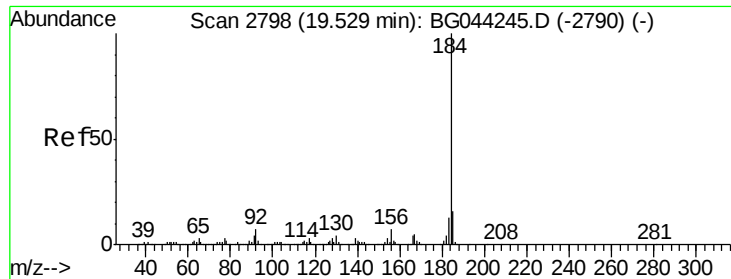
Acq: 6 Feb 2020 17:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 463067 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.7  | 8.4   | 12.6   |
| 236      | 28.5  | 22.1  | 33.1   |



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





#77

Benzidine

Concen: 26.609 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044326.D

Acq: 6 Feb 2020 17:14

Instrument :

BNA\_G

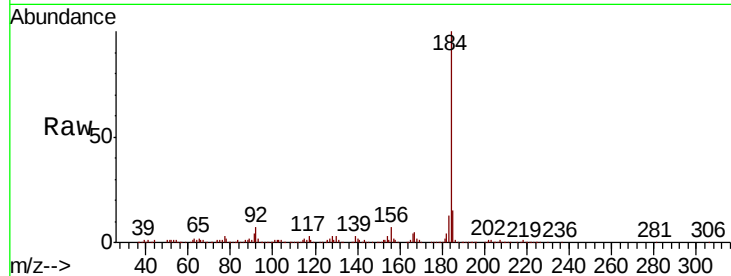
ClientSampleId :

SHORE-RD-PATH-BH-01-BMSD

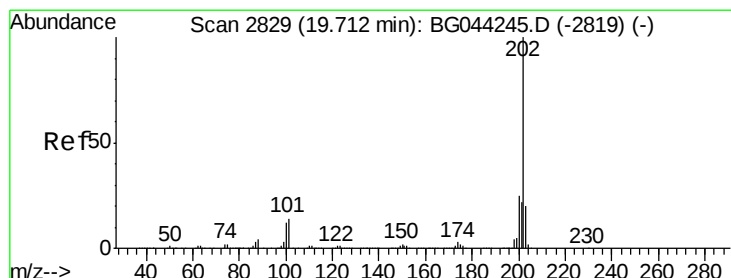
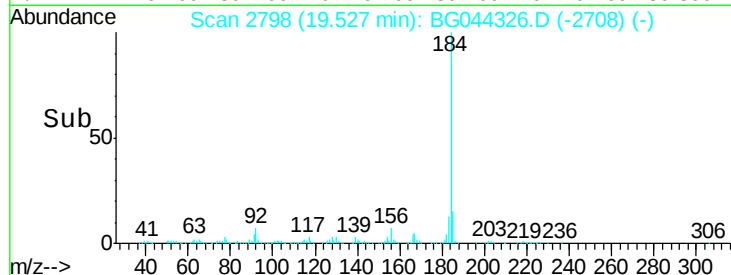
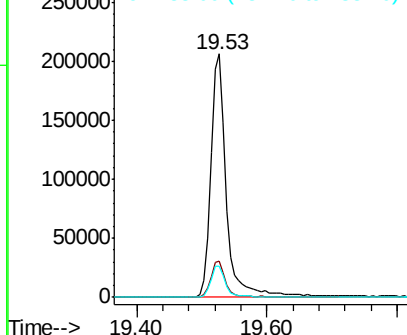
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 341774 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.9  | 19.3   |
| 183       | 13.0  | 10.8  | 16.2   |

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



#78

Pyrene

Concen: 60.292 ng

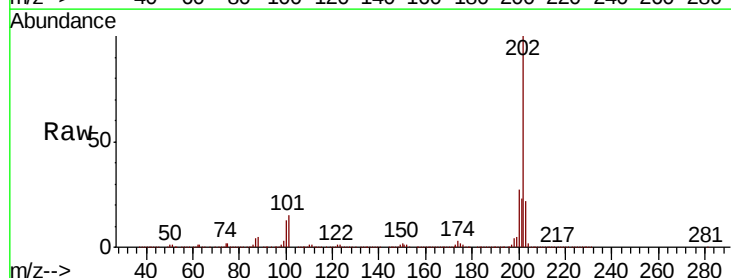
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

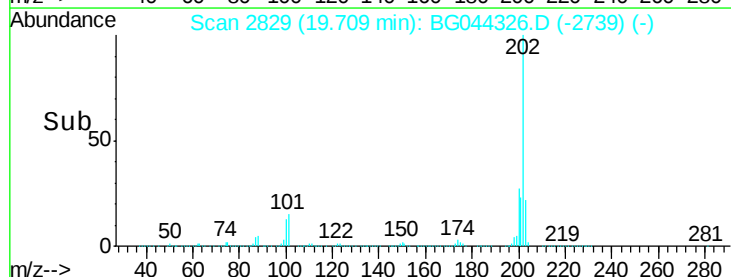
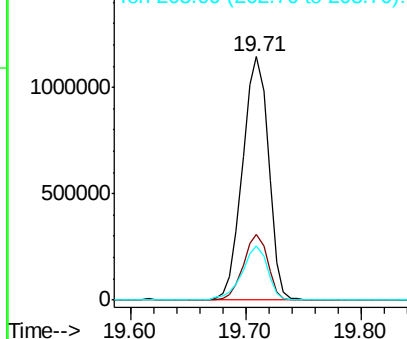
Lab File: BG044326.D

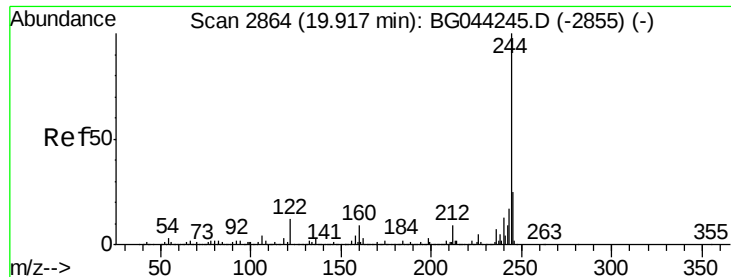
Acq: 6 Feb 2020 17:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1792971 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 26.9  | 20.0  | 30.0    |
| 203       | 22.2  | 16.2  | 24.2    |



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





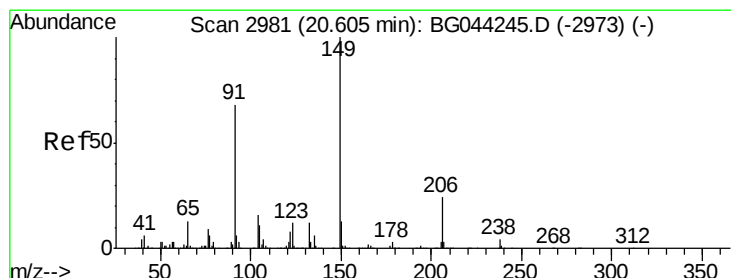
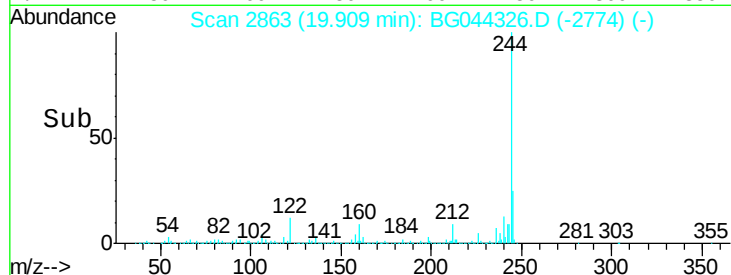
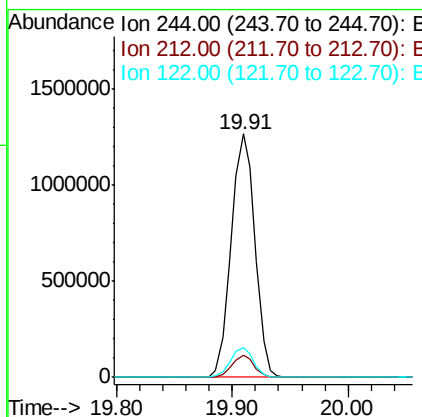
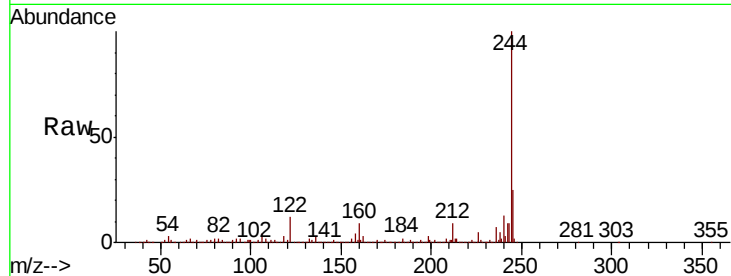
#79  
 Terphenyl-d14  
 Concen: 79.919 ng  
 RT: 19.91 min Scan# 2863  
 Delta R.T. -0.01 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.3   | 7.4   | 11.2  |
| 122     | 12.2  | 9.8   | 14.6  |

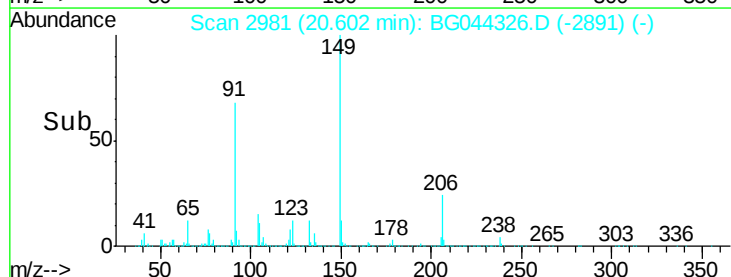
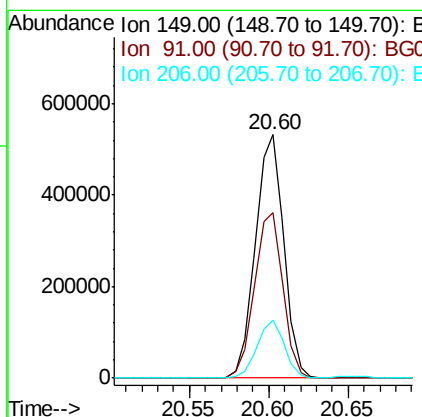
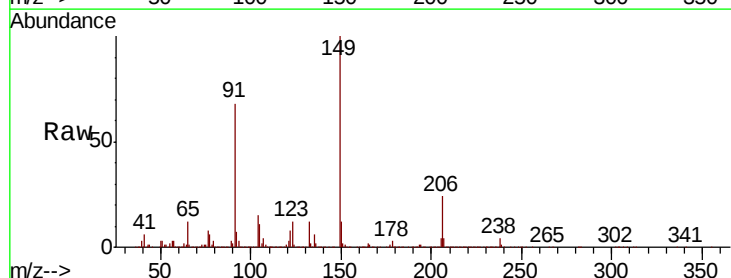
Manual Integrations  
 APPROVED

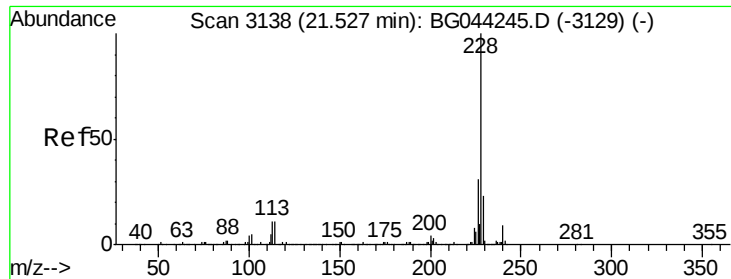
mohammad  
 2/10/2020 8:17:00 AM



#80  
 Butylbenzylphthalate  
 Concen: 48.965 ng  
 RT: 20.60 min Scan# 2981  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.2  | 54.5  | 81.7  |
| 206     | 23.8  | 19.1  | 28.7  |





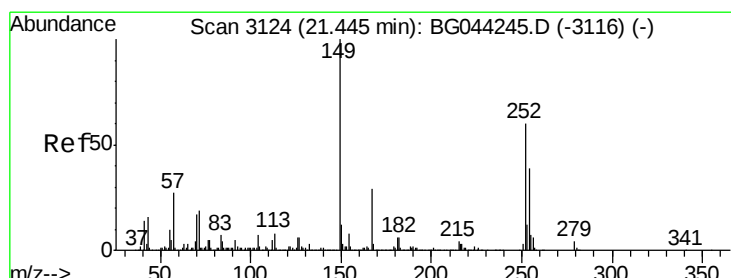
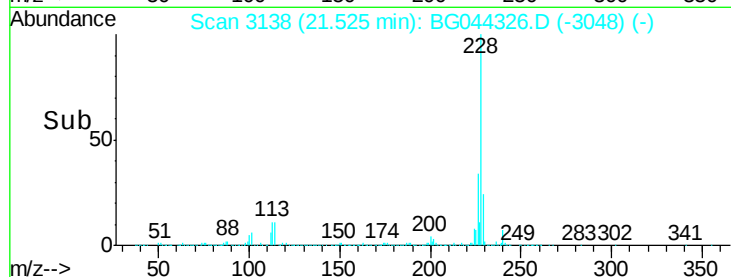
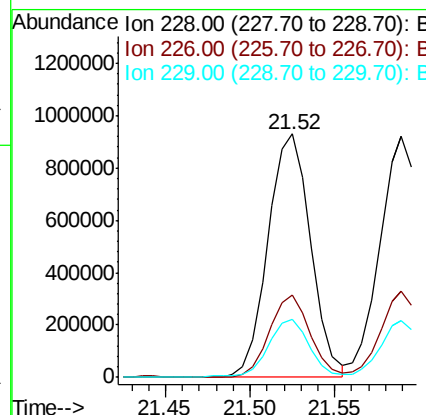
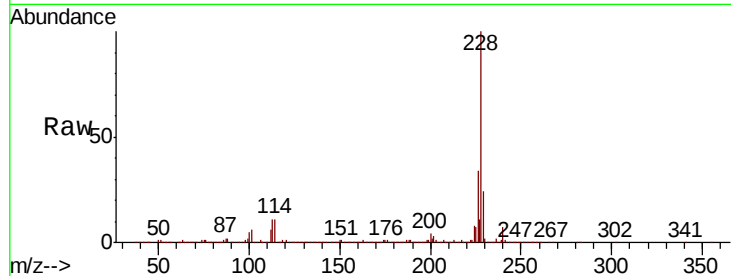
#81  
Benzo(a)anthracene  
Concen: 56.984 ng  
RT: 21.52 min Scan# 3138  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.6  | 24.7  | 37.1  |
| 229     | 23.8  | 18.2  | 27.4  |

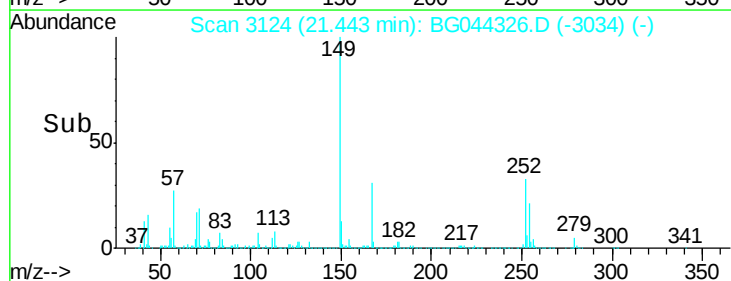
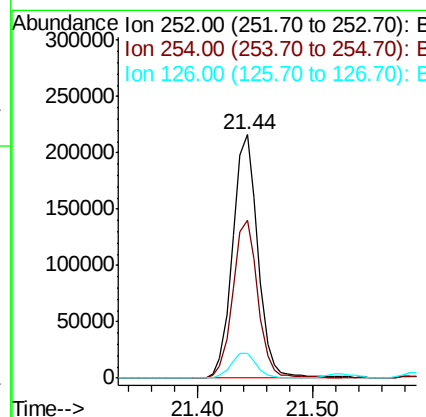
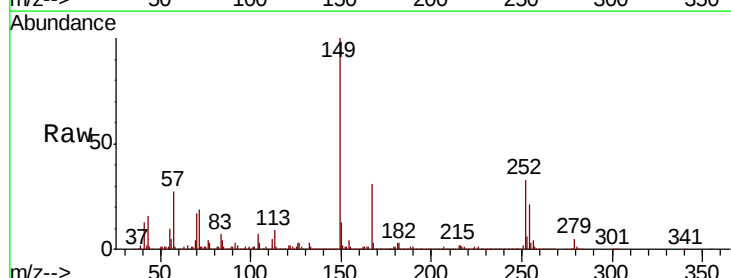
Manual Integrations  
APPROVED

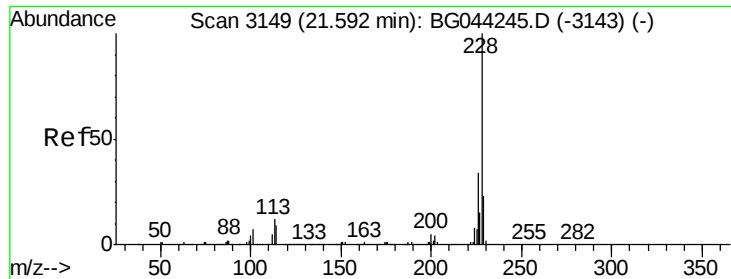
mohammad  
2/10/2020 8:17:00 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 29.518 ng  
RT: 21.44 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 52.6  | 78.8  |
| 126     | 9.9   | 8.2   | 12.4  |





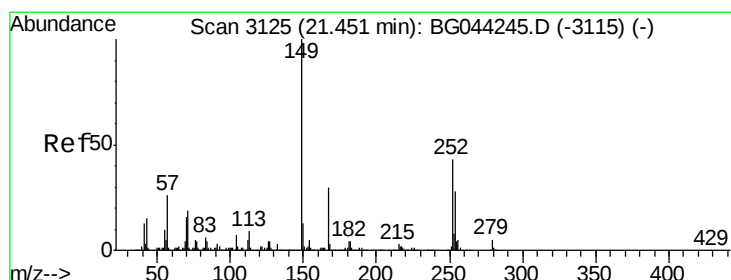
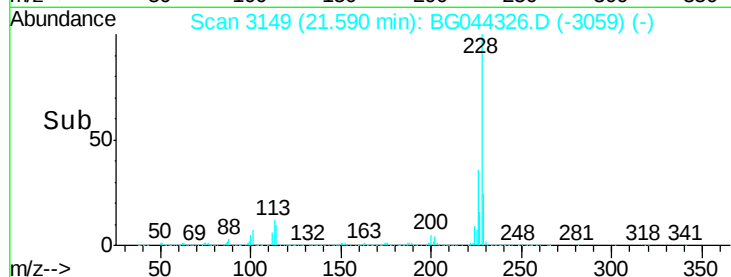
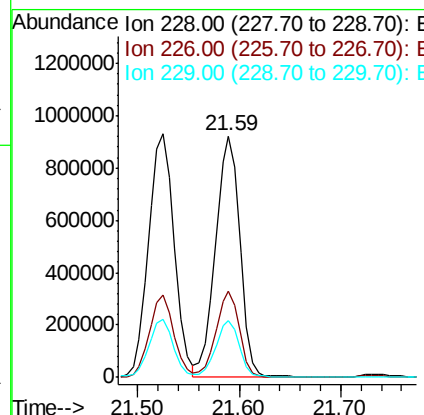
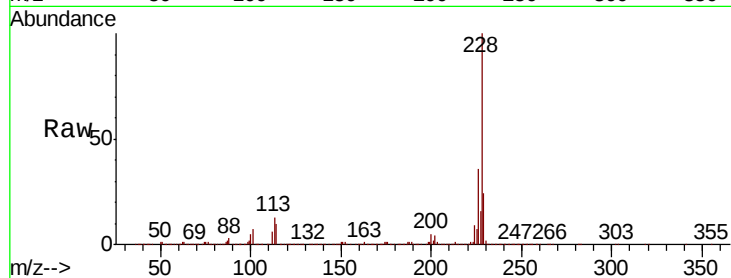
#83  
 Chrvsene  
 Concen: 55.339 ng  
 RT: 21.59 min Scan# 3149  
 Delta R.T. -0.00 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SHORE-RD-PATH-BH-01-BMSD

Tot Ion:228 Resp: 1526574  
 Ion Ratio Lower Upper  
 228 100  
 226 35.6 27.1 40.7  
 229 23.7 17.9 26.9

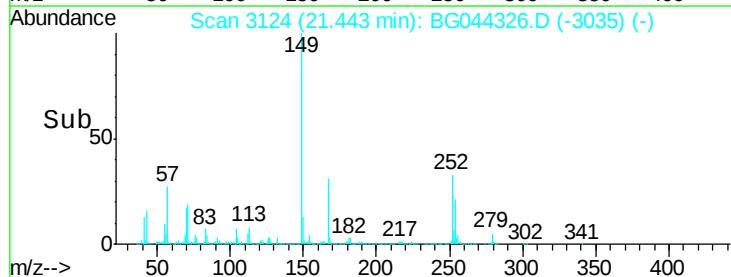
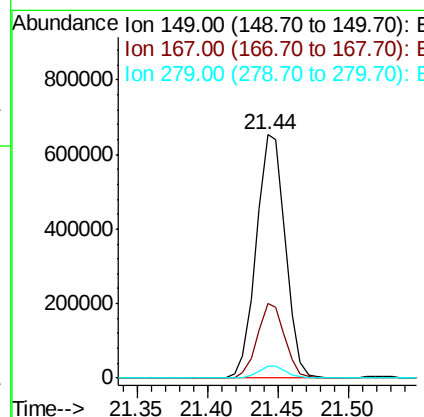
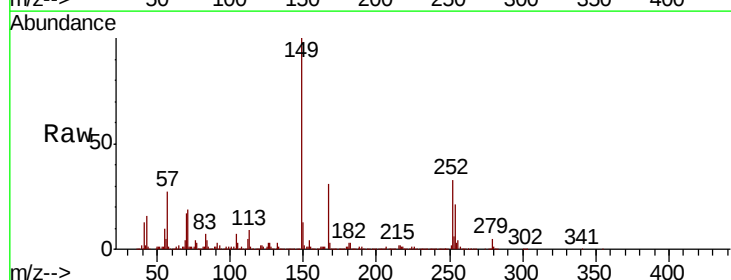
Manual Integrations  
 APPROVED

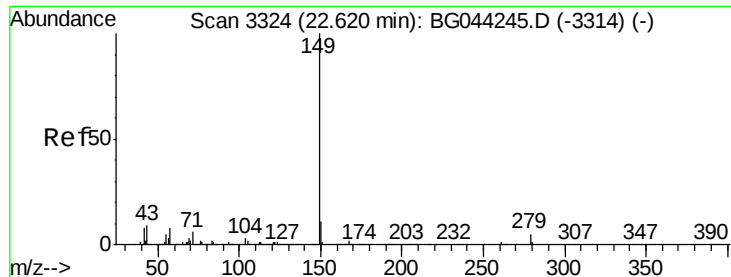
mohammad  
 2/10/2020 8:17:00 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.540 ng  
 RT: 21.44 min Scan# 3124  
 Delta R.T. -0.01 min  
 Lab File: BG044326.D  
 Acq: 6 Feb 2020 17:14

Tgt Ion:149 Resp: 942744  
 Ion Ratio Lower Upper  
 149 100  
 167 30.7 24.0 36.0  
 279 4.8 3.8 5.8





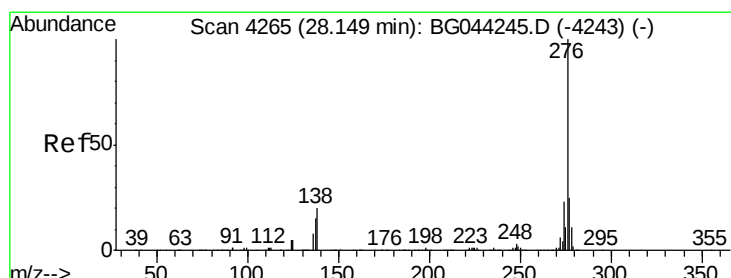
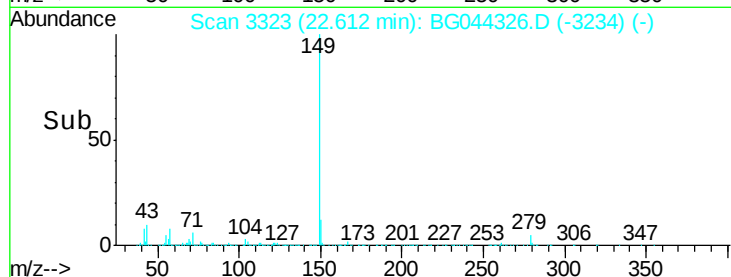
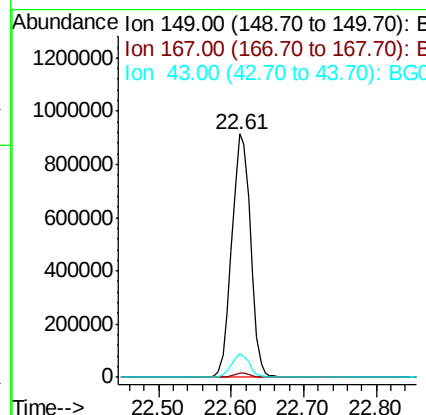
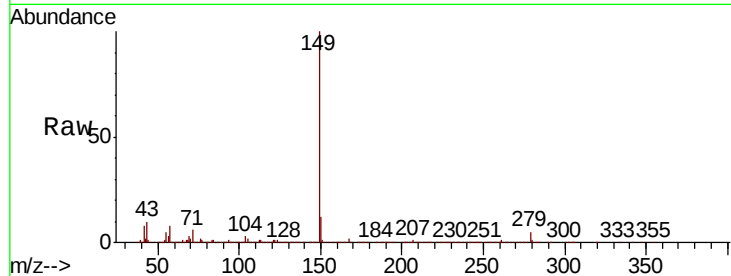
#85  
Di-n-octyl phthalate  
Concen: 50.844 ng  
RT: 22.61 min Scan# 3323  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 9.0   | 7.4   | 11.0  |

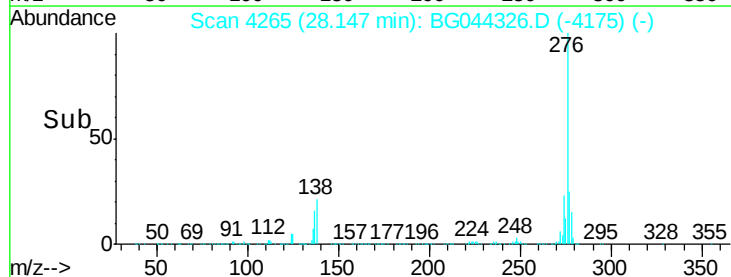
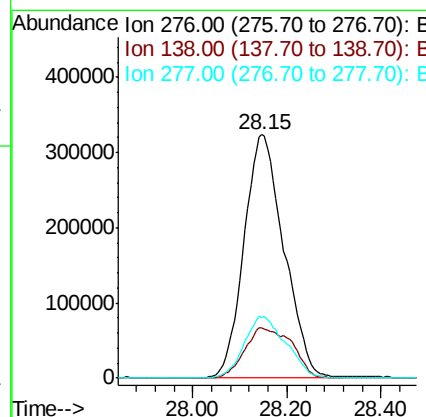
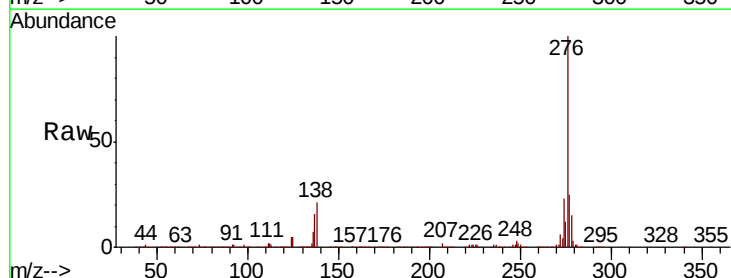
Manual Integrations  
APPROVED

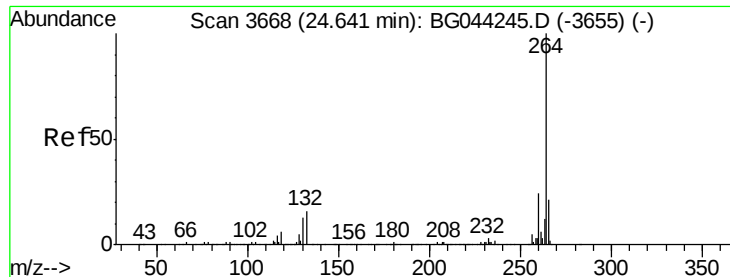
mohammad  
2/10/2020 8:17:00 AM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 52.860 ng  
RT: 28.15 min Scan# 4265  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.5  | 19.4  | 29.0  |
| 277     | 25.9  | 21.0  | 31.6  |





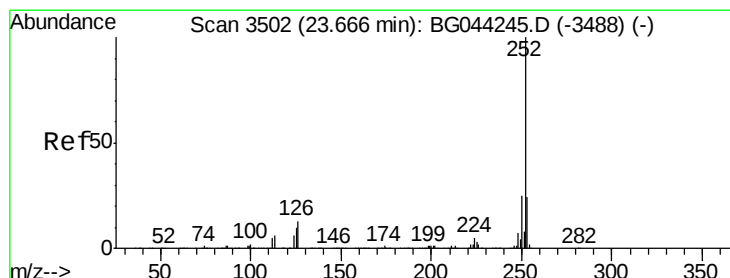
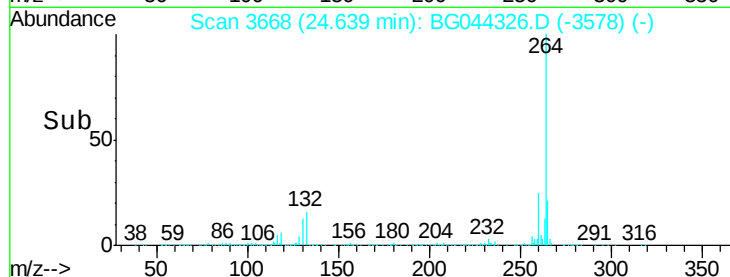
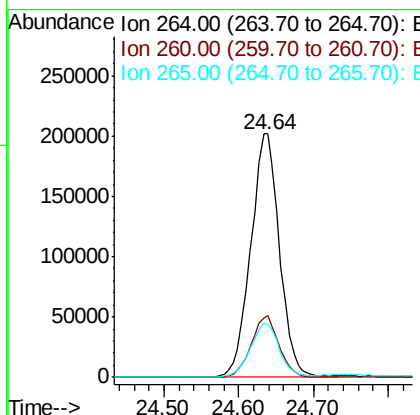
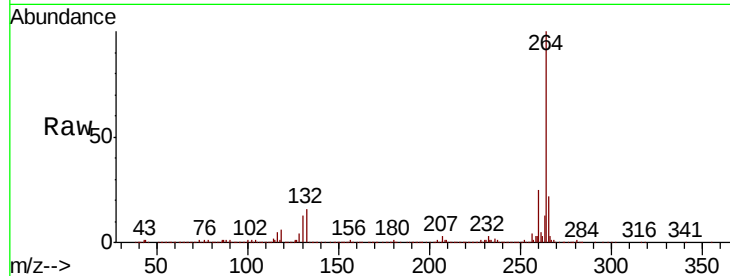
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.64 min Scan# 3668  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 19.4  | 29.2  |
| 265     | 21.6  | 16.7  | 25.1  |

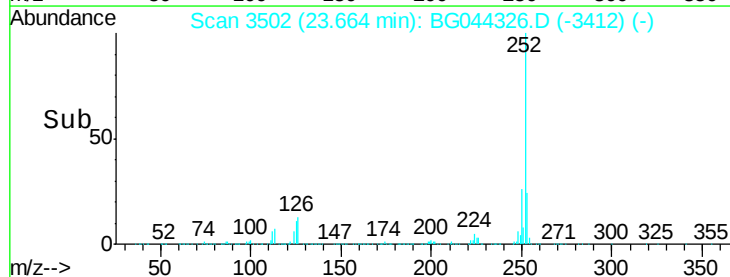
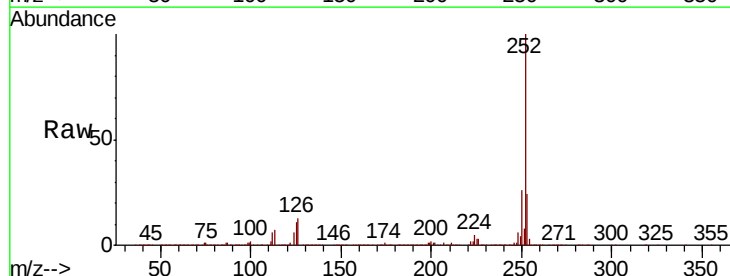
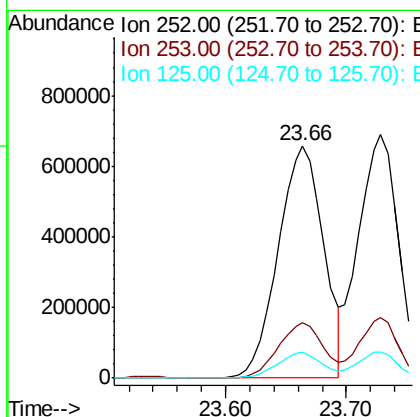
Manual Integrations  
APPROVED

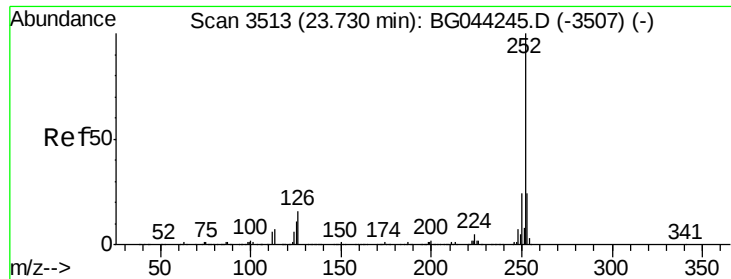
mohammad  
2/10/2020 8:17:00 AM



#88  
Benzo(b)fluoranthene  
Concen: 55.134 ng  
RT: 23.66 min Scan# 3502  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 19.2  | 28.8  |
| 125     | 11.0  | 8.4   | 12.6  |





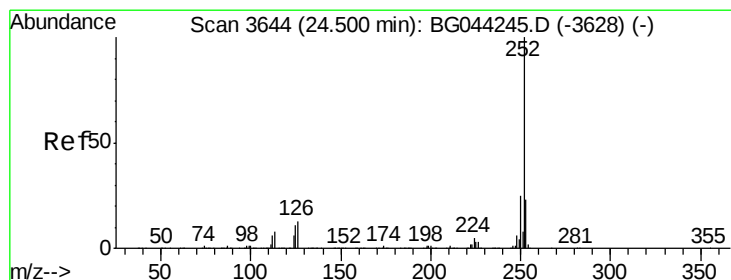
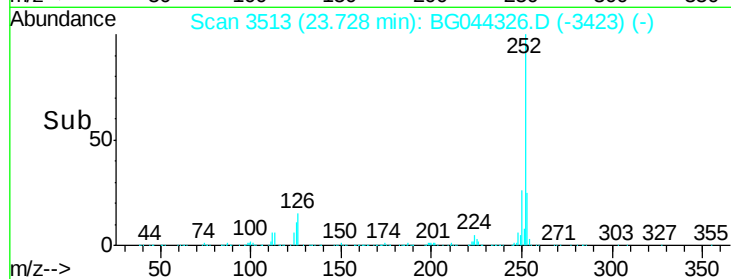
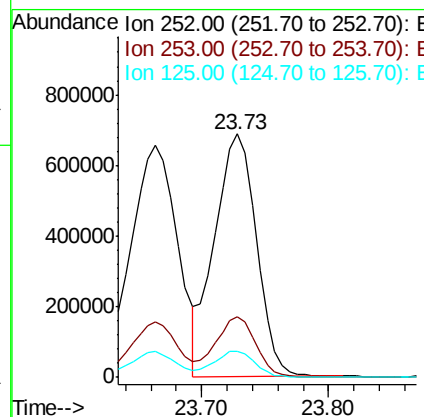
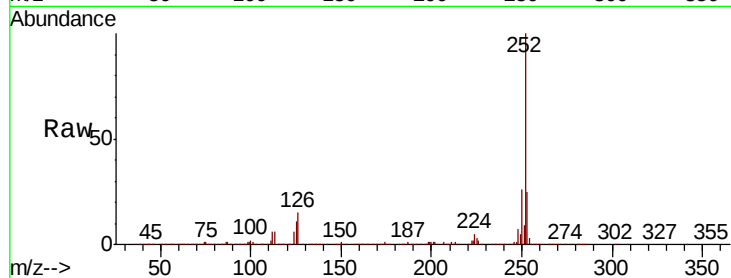
#89  
Benzo(k)fluoranthene  
Concen: 52.269 ng  
RT: 23.73 min Scan# 3513  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.0  | 19.1  | 28.7  |
| 125     | 10.9  | 8.6   | 12.8  |

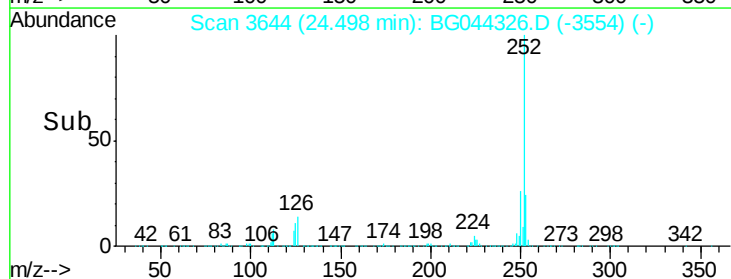
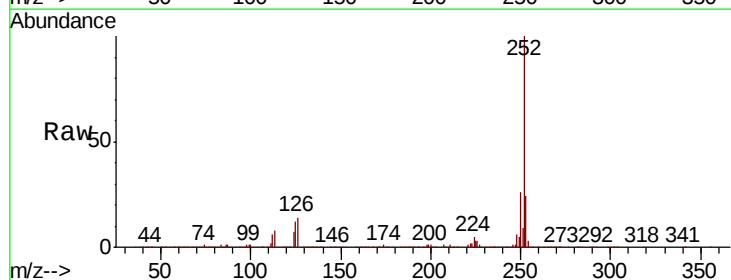
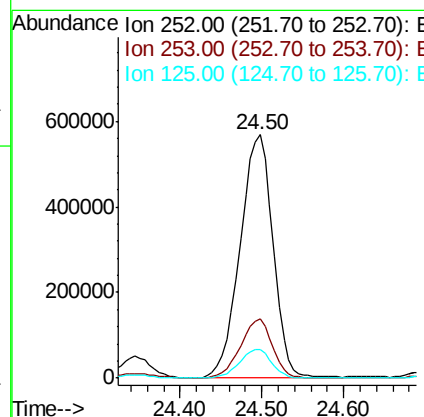
Manual Integrations  
APPROVED

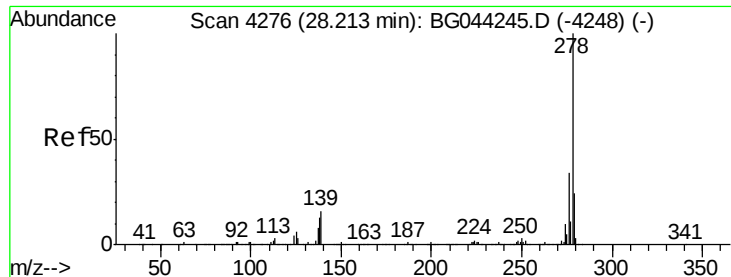
mohammad  
2/10/2020 8:17:00 AM



#90  
Benzo(a)pyrene  
Concen: 54.320 ng  
RT: 24.50 min Scan# 3644  
Delta R.T. -0.00 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.5  | 18.1  | 27.1  |
| 125     | 11.5  | 8.6   | 13.0  |





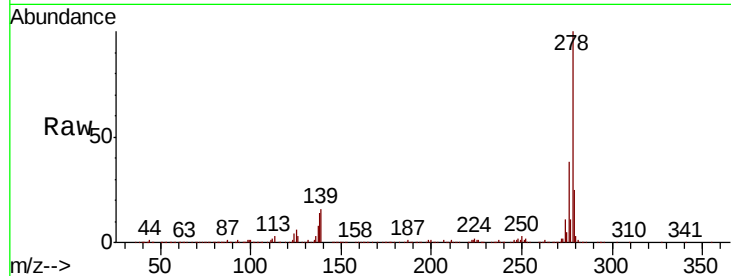
#91  
Dibenzo(a,h)anthracene  
Concen: 51.525 ng  
RT: 28.21 min Scan# 4275  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

Instrument :  
BNA\_G  
ClientSampleId :  
SHORE-RD-PATH-BH-01-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 12.7  | 19.1  |
| 279     | 25.1  | 19.3  | 28.9  |

Manual Integrations  
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mohammad  
2/10/2020 8:17:00 AM

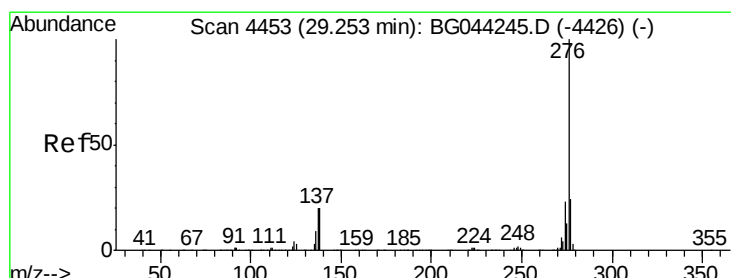
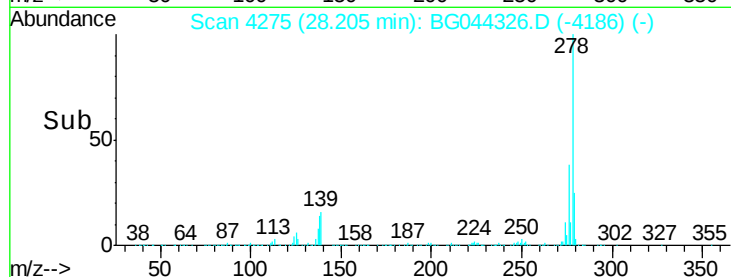
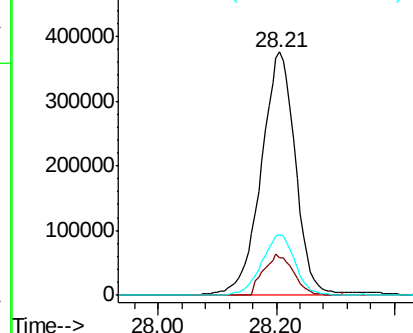


Abundance

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: 55.619 ng  
RT: 29.25 min Scan# 4452  
Delta R.T. -0.01 min  
Lab File: BG044326.D  
Acq: 6 Feb 2020 17:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 18.8  | 28.2  |
| 138     | 21.3  | 16.2  | 24.2  |

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

