

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\  
 Data File : BF093043.D  
 Acq On : 20 Feb 2017 22:04  
 Operator : SJ/MA  
 Sample : I1878-07MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

Manual Integrations  
 APPROVED

mohammad  
 2/21/2017 3:57:36 PM

Quant Time: Feb 21 10:33:42 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 153029m  | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.13  | 136  | 590750   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.89  | 164  | 294189   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.38 | 188  | 508982   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.01 | 240  | 397047   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.44 | 264  | 291861   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 1120778 | 125.65 | ng | 0.01  |
| 7) Phenol-d6                | 6.50  | 99  | 1334357 | 116.27 | ng | 0.01  |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 1012011 | 95.40  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330 | 293070  | 137.74 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 9.22  | 172 | 1750522 | 107.80 | ng | 0.00  |
| 78) Terphenyl-d14           | 12.96 | 244 | 1353203 | 80.08  | ng | -0.01 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.56 | 88  | 155164  | 32.19 | ng | # 74   |
| 3) Pyridine                    | 3.28 | 79  | 241753  | 19.73 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.20 | 42  | 219655  | 38.17 | ng | 92     |
| 6) Aniline                     | 6.51 | 93  | 148108m | 9.46  | ng |        |
| 8) 2-Chlorophenol              | 6.64 | 128 | 444789  | 45.20 | ng | 97     |
| 10) Phenol                     | 6.51 | 94  | 444387m | 33.10 | ng |        |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 468290  | 43.69 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.78 | 146 | 457996m | 39.74 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 484809  | 41.56 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 430413  | 38.59 | ng | # 93   |
| 15) Benzyl Alcohol             | 7.00 | 79  | 368743  | 43.40 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 763425  | 41.00 | ng | 98     |
| 17) 2-Methylphenol             | 7.12 | 107 | 369016  | 43.71 | ng | 96     |
| 18) Hexachloroethane           | 7.36 | 117 | 160276  | 40.25 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 322952m | 44.20 | ng |        |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 442499  | 43.84 | ng | # 80   |
| 22) Acetophenone               | 7.26 | 105 | 587537  | 43.56 | ng | # 95   |
| 24) Nitrobenzene               | 7.44 | 77  | 457697  | 42.02 | ng | 100    |
| 25) Isophorone                 | 7.68 | 82  | 894921  | 45.27 | ng | 96     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 251700  | 48.61 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 440406  | 48.43 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 617266  | 47.15 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.01 | 162 | 390860  | 46.09 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 389317  | 42.60 | ng | 94     |
| 31) Naphthalene                | 8.16 | 128 | 1290355 | 43.09 | ng | 99     |
| 32) Benzoic acid               | 7.93 | 122 | 250464  | 48.52 | ng | 96     |
| 33) 4-Chloroaniline            | 8.21 | 127 | 65299   | 5.56  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 205770  | 40.92 | ng | 99     |
| 35) Caprolactam                | 8.59 | 113 | 92316m  | 34.60 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 409149  | 46.27 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 915712  | 47.62 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 359915  | 43.58 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 9.00 | 237 | 301316  | 80.87 | ng | 95     |
| 42) 2,4,6-Trichlorophenol      | 9.14 | 196 | 275107  | 50.70 | ng | 94     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

Manual Integrations  
 APPROVED

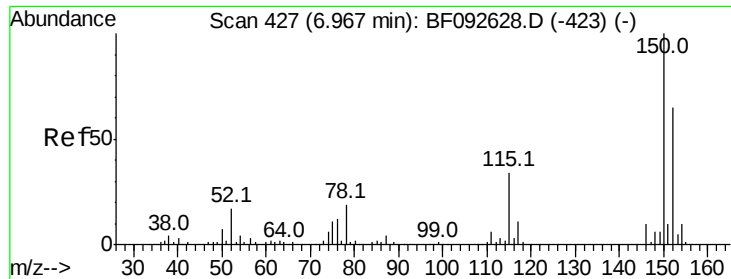
mohammad  
 2/21/2017 3:57:36 PM

Quant Time: Feb 21 10:33:42 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 295037   | 49.62  | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 9.31  | 154  | 1026173  | 48.17  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 848479   | 50.92  | nq    | 98       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 259202   | 46.26  | nq    | 90       |
| 48) Acenaphthylene             | 9.76  | 152  | 1328188  | 46.14  | nq    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 919678   | 46.41  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 240064   | 56.10  | nq    | # 85     |
| 51) Acenaphthene               | 9.93  | 154  | 817213   | 47.48  | nq    | 96       |
| 52) 3-Nitroaniline             | 9.85  | 138  | 43500    | 8.88   | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 233519   | 105.65 | nq    | # 64     |
| 54) Dibenzofuran               | 10.10 | 168  | 1120923  | 48.69  | nq    | 96       |
| 55) 4-Nitrophenol              | 10.03 | 139  | 312061   | 88.47  | nq    | 81       |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 258241   | 45.33  | nq    | 96       |
| 57) Fluorene                   | 10.44 | 166  | 904426   | 51.07  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 219732   | 55.40  | nq    | 94       |
| 59) Diethylphthalate           | 10.32 | 149  | 888372   | 47.57  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204  | 375817   | 44.17  | nq    | 91       |
| 61) 4-Nitroaniline             | 10.46 | 138  | 185363   | 36.95  | nq    | 92       |
| 62) Azobenzene                 | 10.59 | 77   | 1028590  | 53.31  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 167979   | 53.87  | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 808670   | 49.74  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.92 | 248  | 255302   | 48.01  | nq    | # 89     |
| 67) Hexachlorobenzene          | 10.99 | 284  | 249873   | 47.55  | nq    | # 93     |
| 68) Atrazine                   | 11.08 | 200  | 205994   | 39.48  | nq    | 98       |
| 69) Pentachlorophenol          | 11.18 | 266  | 264442   | 95.91  | nq    | 97       |
| 70) Phenanthrene               | 11.40 | 178  | 1342470  | 46.04  | nq    | 98       |
| 71) Anthracene                 | 11.45 | 178  | 1228227  | 41.94  | nq    | 99       |
| 72) Carbazole                  | 11.61 | 167  | 1136914  | 40.61  | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 1553296  | 51.31  | nq    | # 96     |
| 74) Fluoranthene               | 12.58 | 202  | 1294899  | 43.05  | nq    | 96       |
| 77) Pyrene                     | 12.81 | 202  | 1249174  | 42.04  | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 569411   | 47.19  | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 965062   | 39.74  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 87635    | 10.12  | nq    | # 96     |
| 82) Chrysene                   | 14.03 | 228  | 899842   | 39.58  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 773100   | 46.85  | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.59 | 149  | 1311155  | 48.79  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 821974   | 46.67  | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 795461m  | 41.41  | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.06 | 252  | 824673m  | 49.72  | nq    |          |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 768044   | 46.22  | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278  | 688947   | 51.30  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.27 | 276  | 722656   | 53.26  | nq    | # 93     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

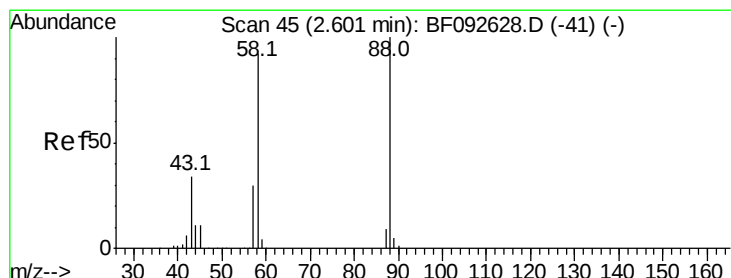
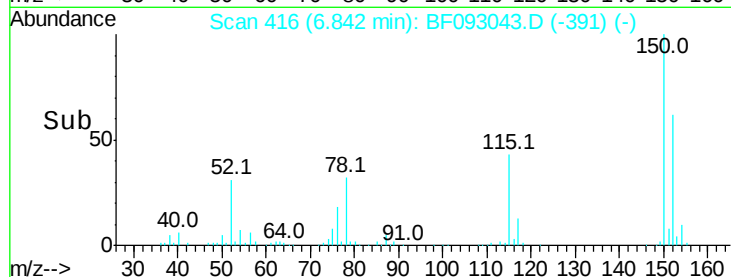
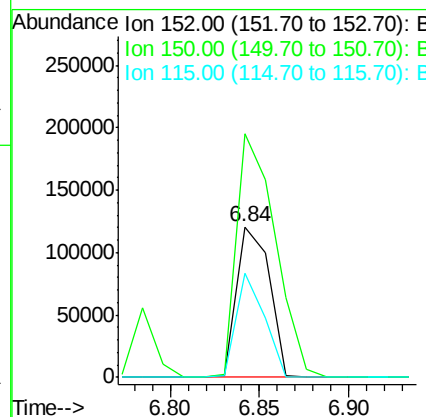
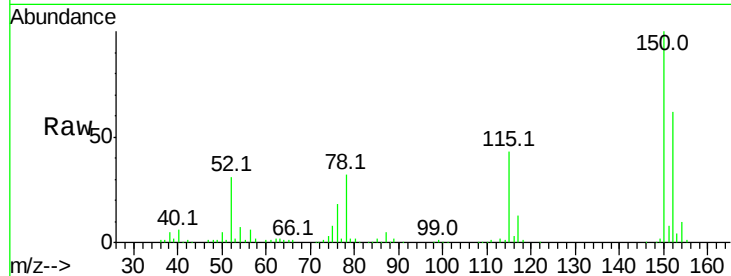
ClientSampled :

B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.1 | 124.9 | 187.3 |
| 115     | 69.5  | 46.0  | 69.0  |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 32.19 ng

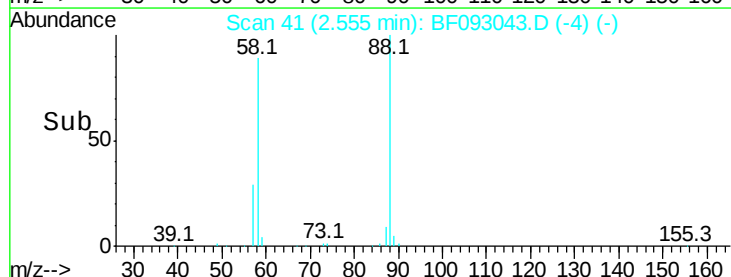
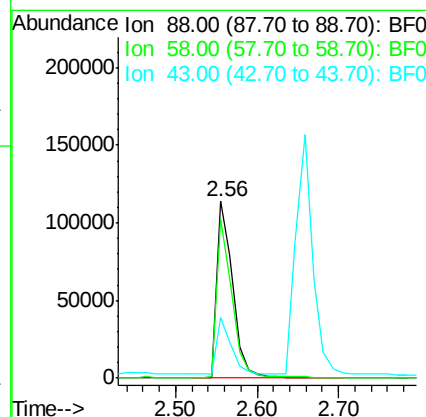
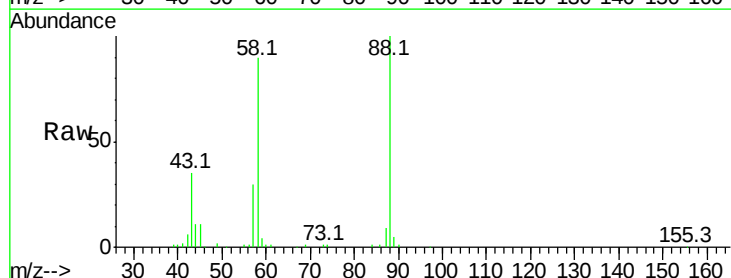
RT: 2.56 min Scan# 41

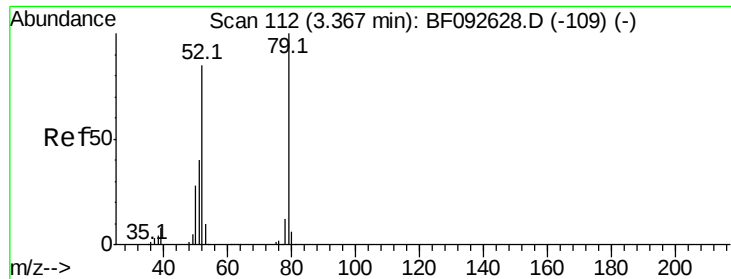
Delta R.T. 0.13 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.8  | 57.8  | 86.8  |
| 43      | 0.0   | 22.3  | 33.5  |





#3

Pvridine

Concen: 19.73 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.13 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

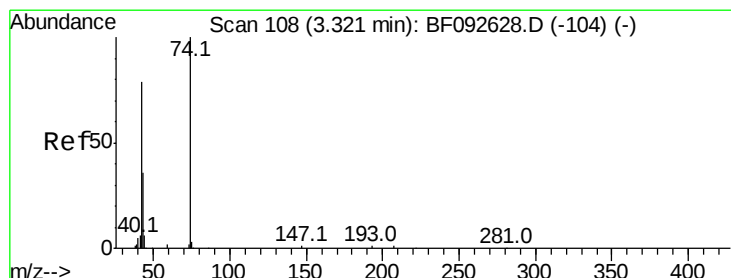
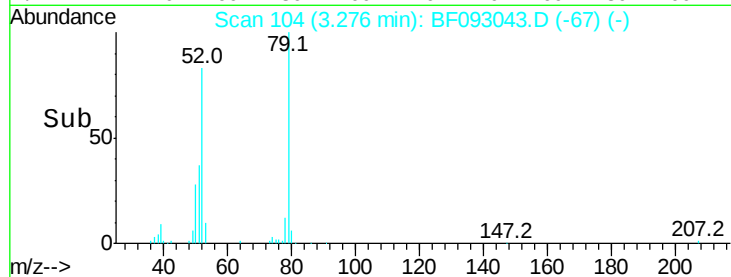
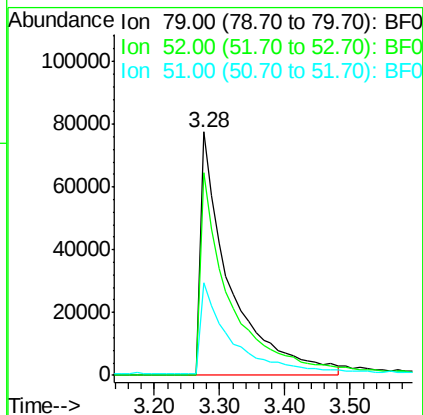
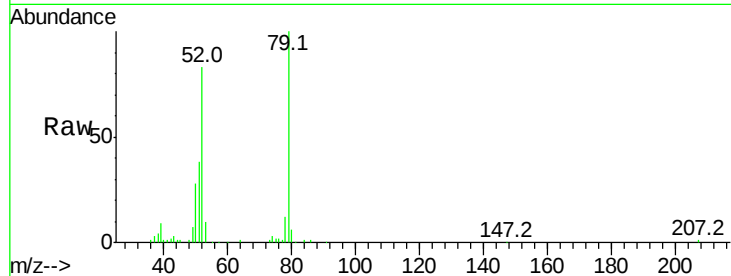
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 241753 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 83.0  | 57.1  | 85.7   |
| 51        | 38.2  | 27.3  | 40.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 38.17 ng

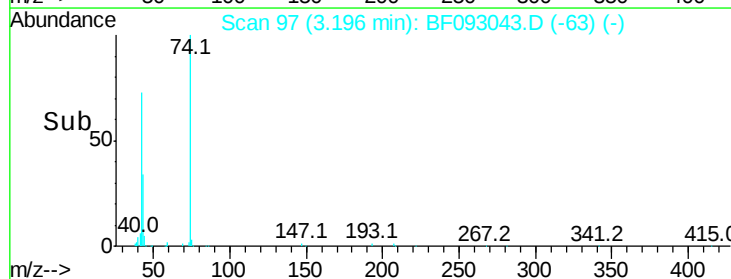
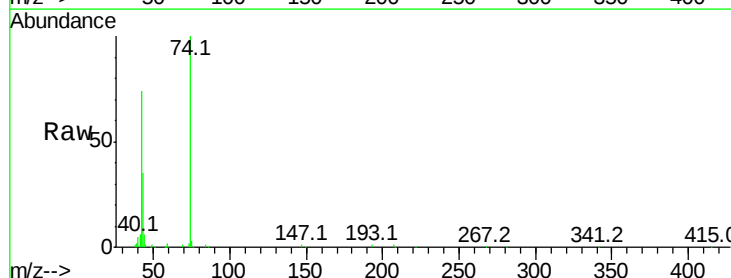
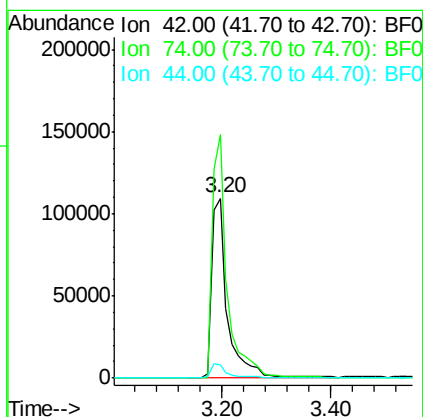
RT: 3.20 min Scan# 97

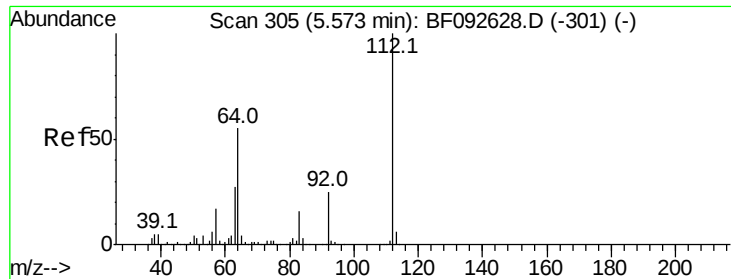
Delta R.T. 0.09 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 219655 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 135.4 | 117.0 | 175.4  |
| 44        | 7.7   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 125.65 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

B1-2MS

Tot Ion:112 Resp: 1120778

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

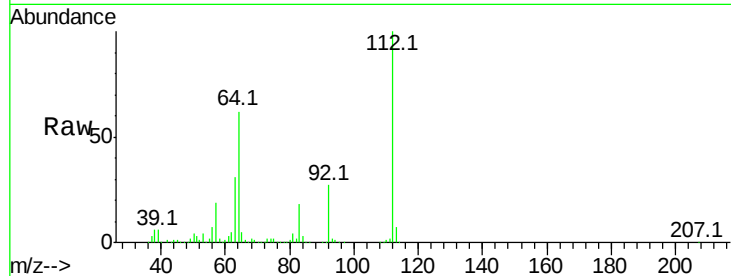
63 30.8 23.8 35.6

Manual Integrations

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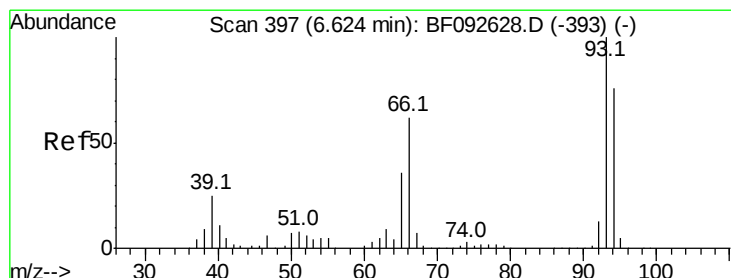
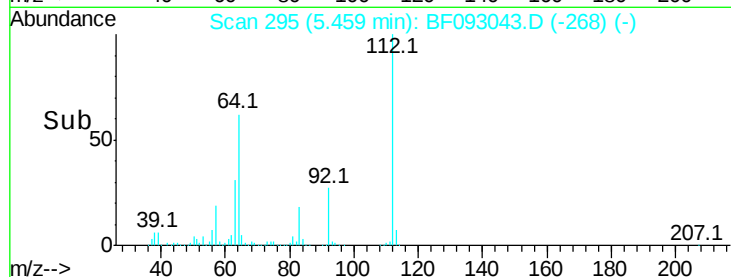
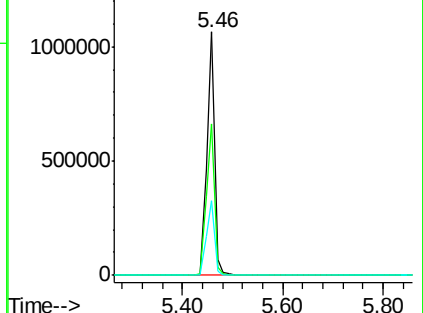
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.46 ng m

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

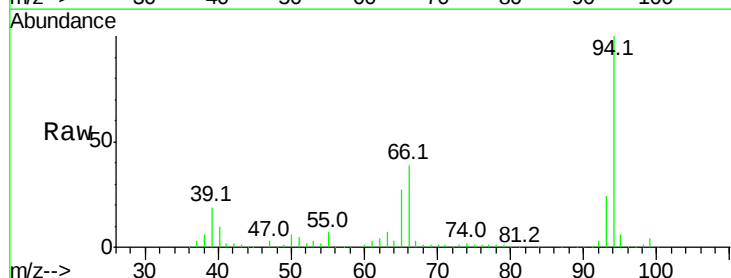
Tgt Ion: 93 Resp: 148108

Ion Ratio Lower Upper

93 100

66 161.4 76.2 114.2#

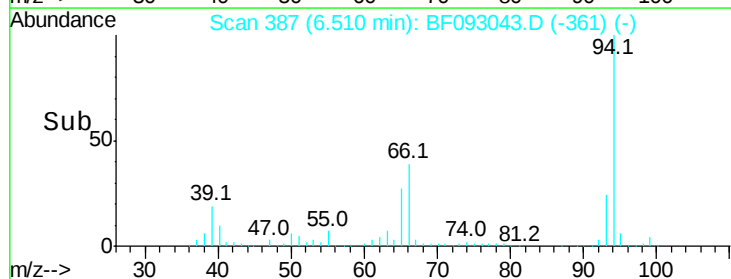
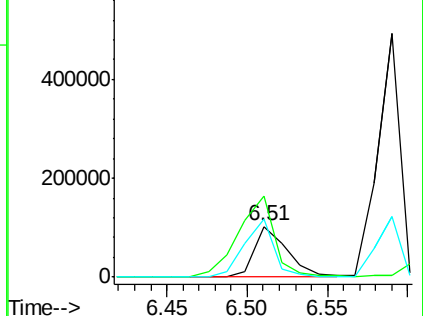
65 114.5 49.3 73.9#

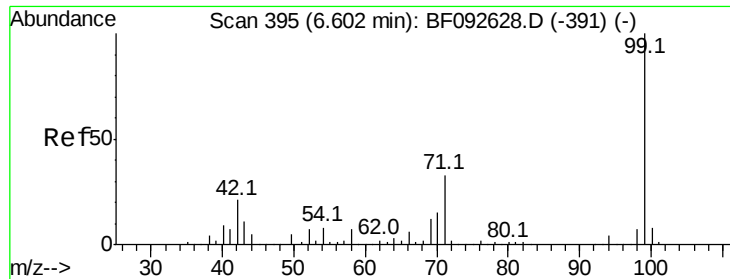


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.27 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampled :

B1-2MS

Tot Ion: 99 Resp: 1334357

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

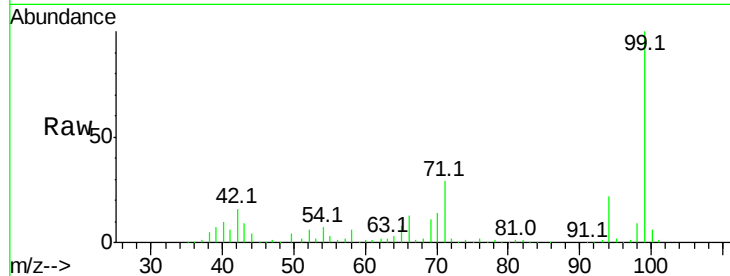
71 29.3 27.5 41.3

Manual Integrations

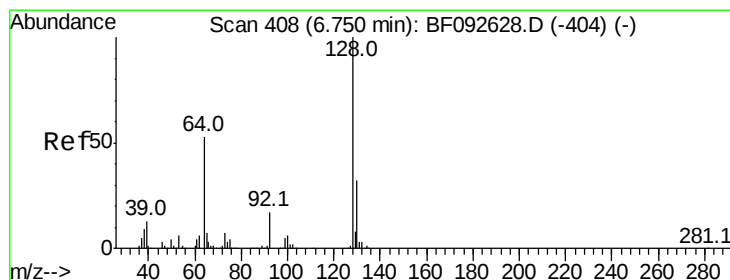
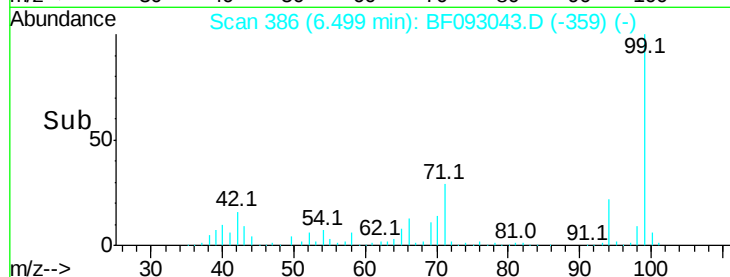
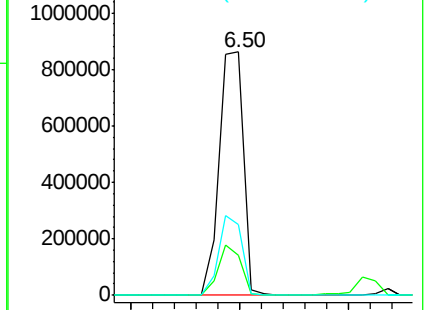
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.20 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

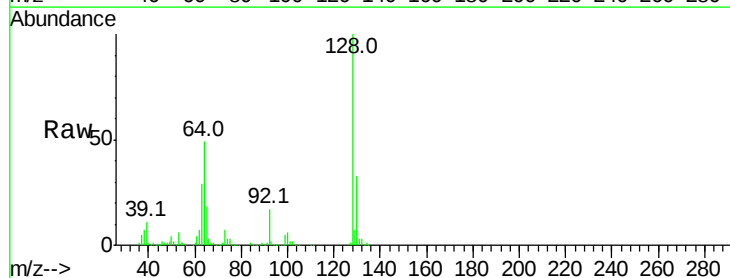
Tgt Ion:128 Resp: 444789

Ion Ratio Lower Upper

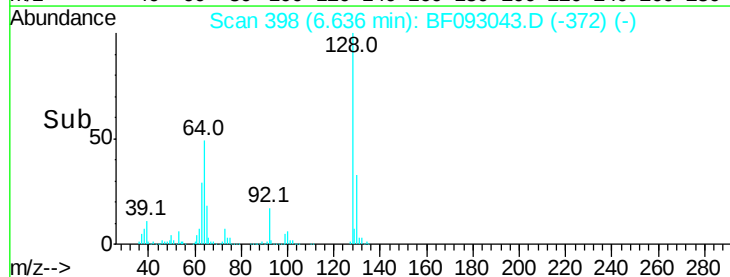
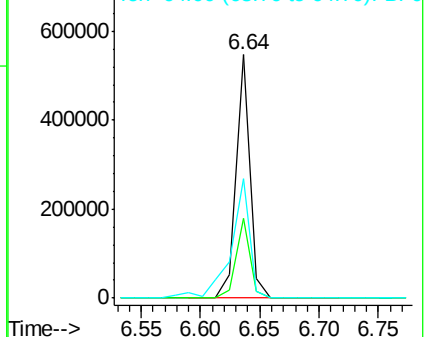
128 100

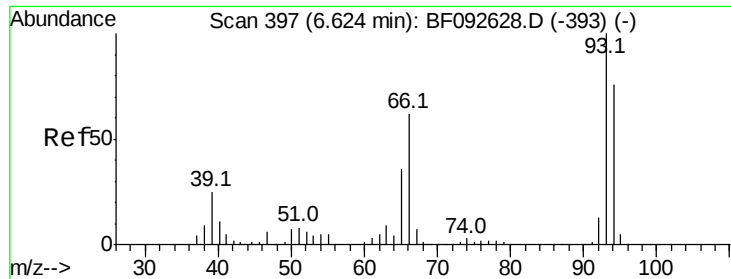
130 32.6 12.3 52.3

64 49.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

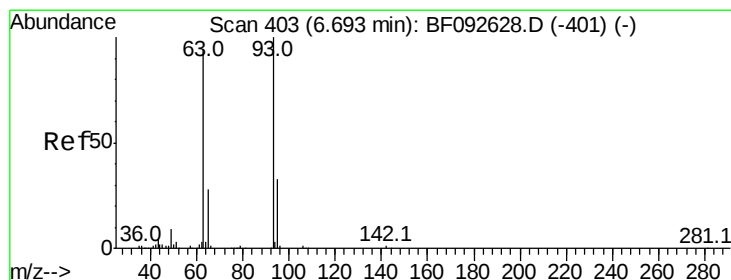
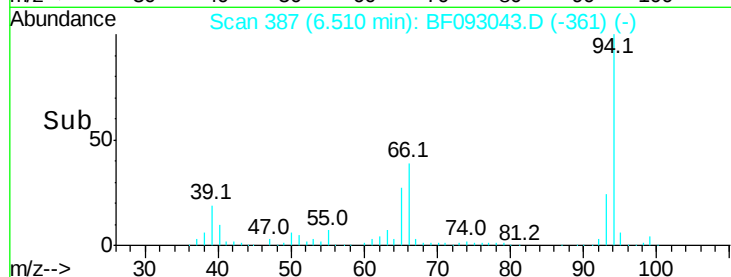
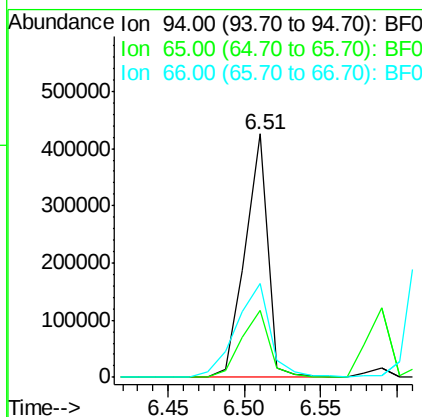
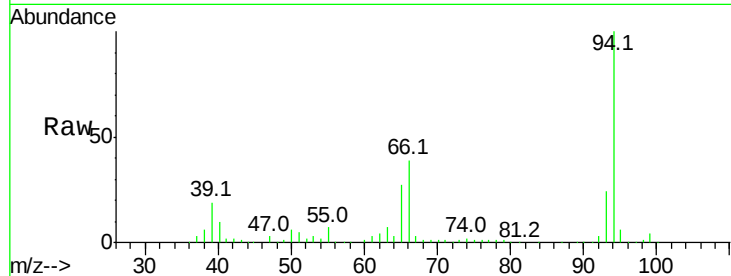
Concen: 33.10 ng/ml  
 RT: 6.51 min Scan# 387  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampled :  
 B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 27.5  | 21.4  | 61.4  |
| 66      | 38.7  | 44.0  | 84.0  |

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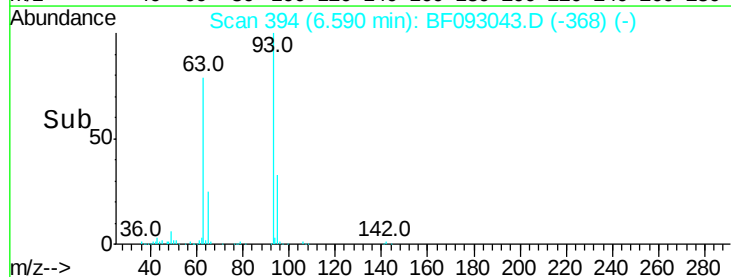
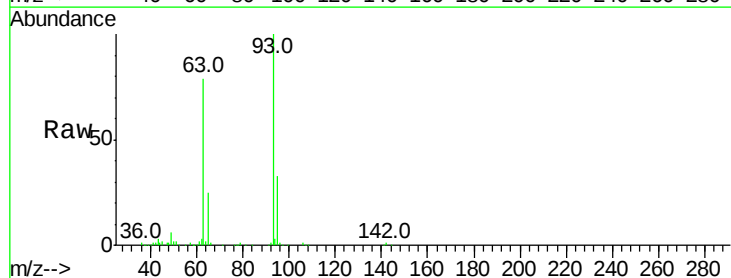
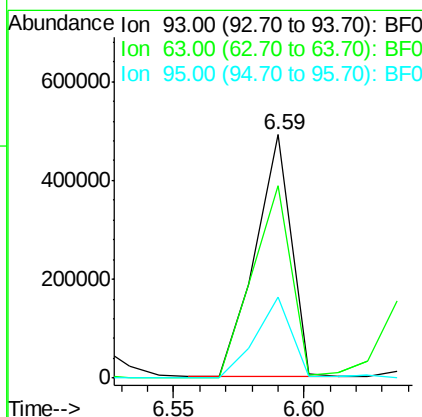


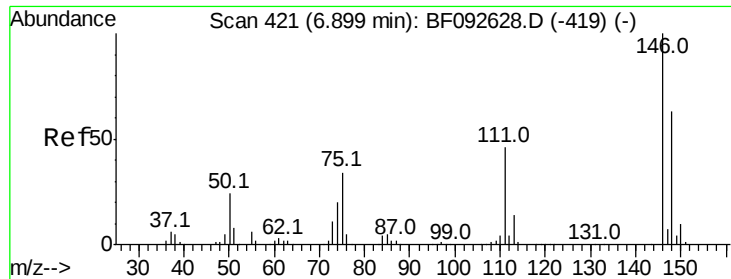
#11

bis(2-Chloroethyl)ether

Concen: 43.69 ng/ml  
 RT: 6.59 min Scan# 394  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 79.2  | 60.4  | 100.4 |
| 95      | 33.1  | 12.8  | 52.8  |





#12

1,3-Dichlorobenzene

Concen: 39.74 ng/mL

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

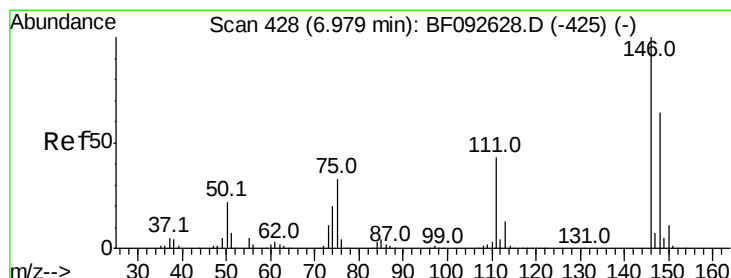
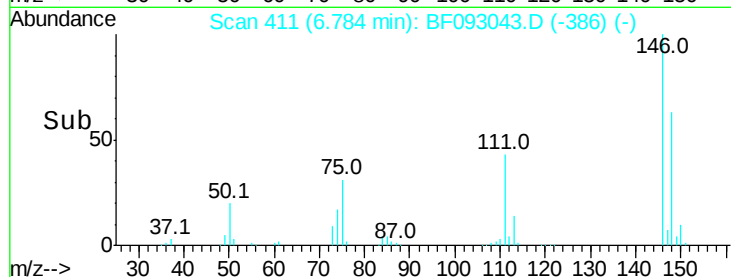
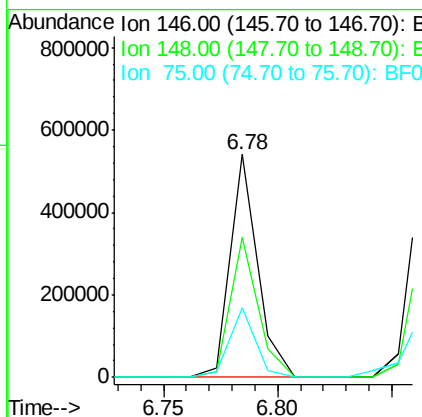
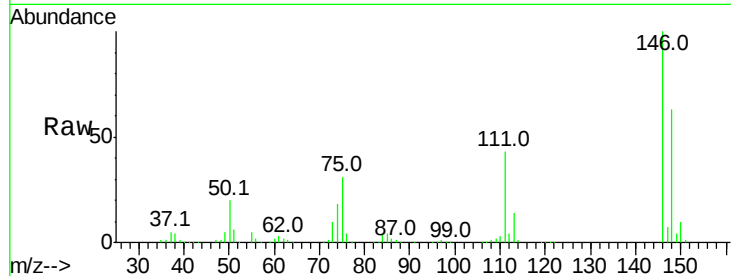
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 457996 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.0  | 53.4  | 80.0   |
| 75        | 31.4  | 18.5  | 27.7#  |

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#13

1,4-Dichlorobenzene

Concen: 41.56 ng/mL

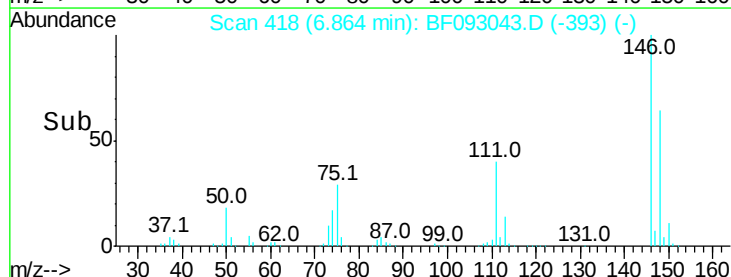
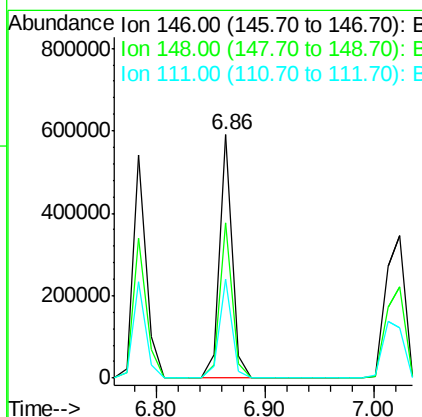
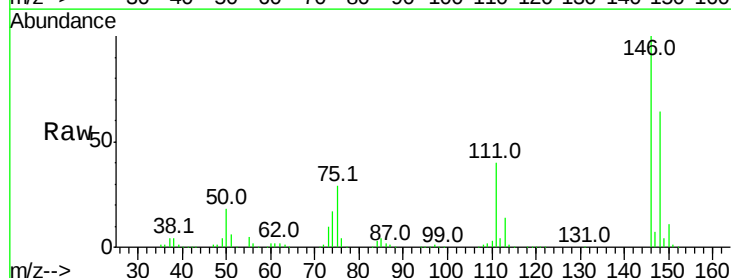
RT: 6.86 min Scan# 418

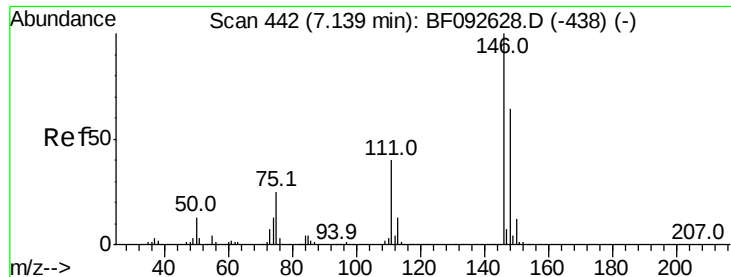
Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 484809 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 50.6  | 76.0   |
| 111       | 40.4  | 36.2  | 54.4   |





#14

1,2-Dichlorobenzene

Concen: 38.59 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

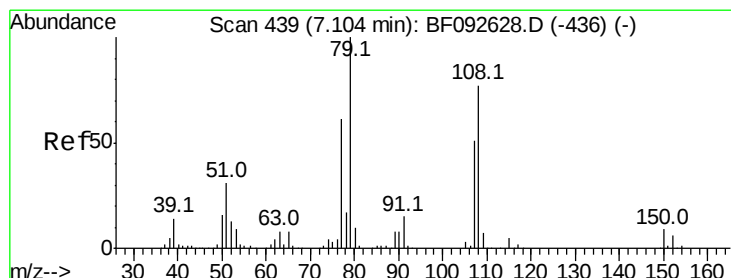
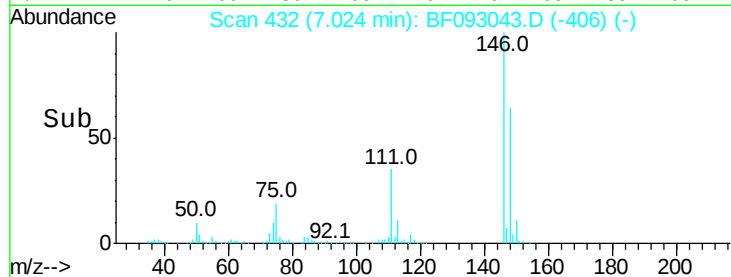
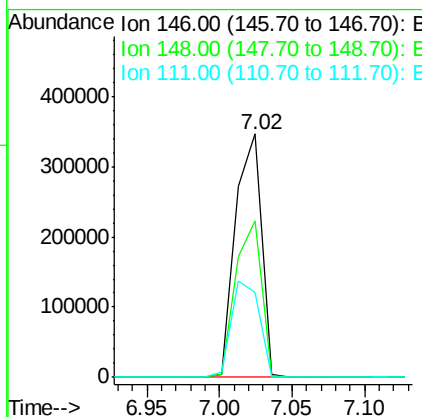
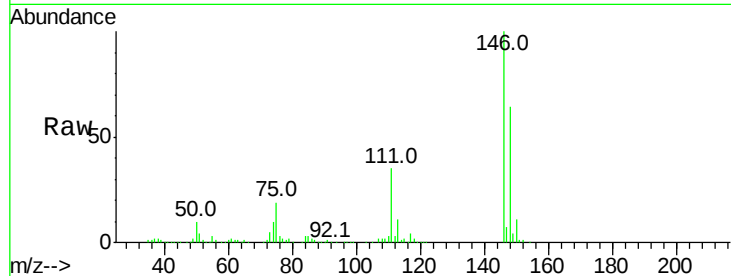
ClientSampleId :

B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 52.2  | 78.2  |
| 111     | 34.8  | 36.2  | 54.2# |

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#15

Benzyl Alcohol

Concen: 43.40 ng

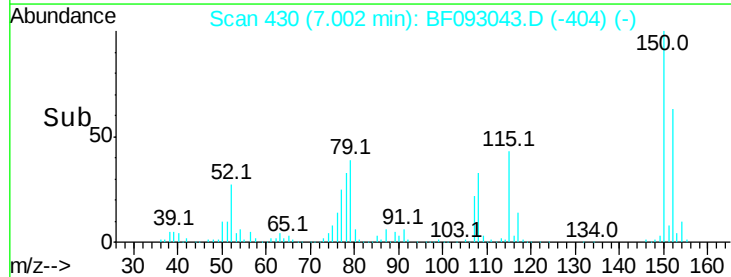
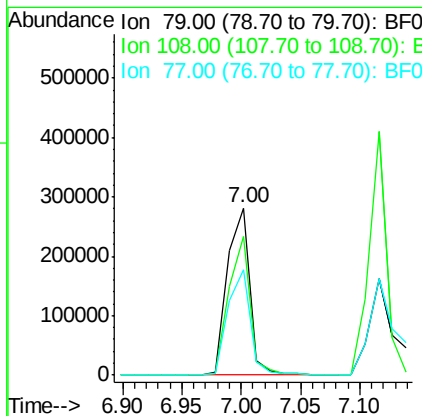
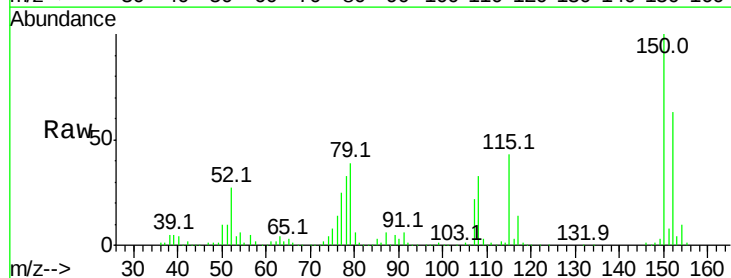
RT: 7.00 min Scan# 430

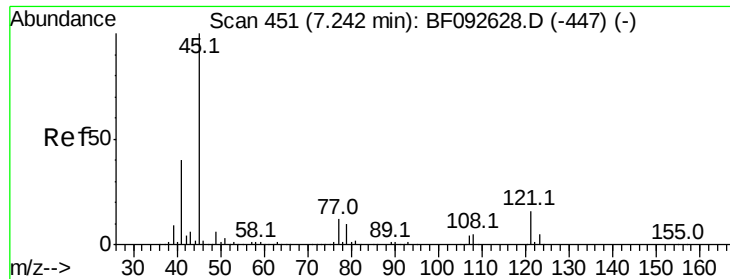
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.9  | 61.4  | 92.0  |
| 77      | 63.4  | 50.9  | 76.3  |





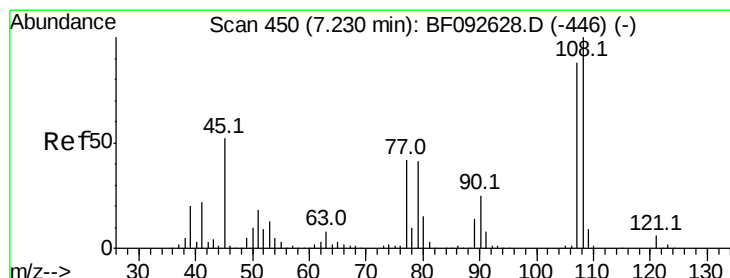
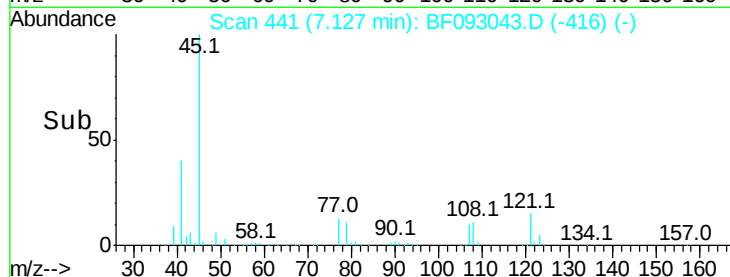
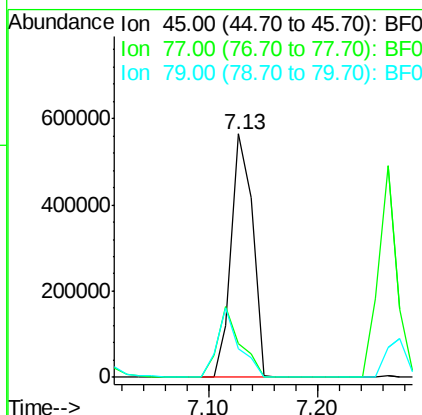
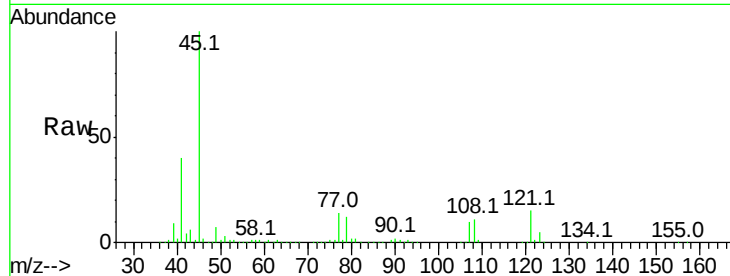
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 41.00 ng  
RT: 7.13 min Scan# 441  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.0  | 0.0   | 34.6  |
| 79      | 11.9  | 0.0   | 31.2  |

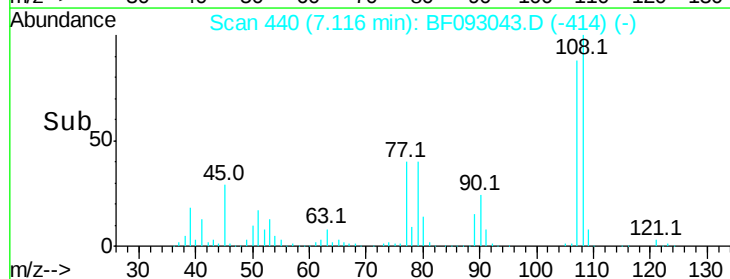
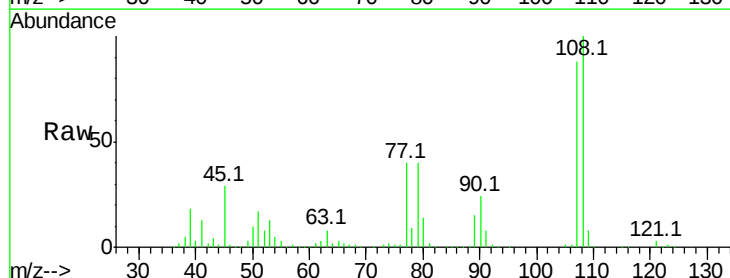
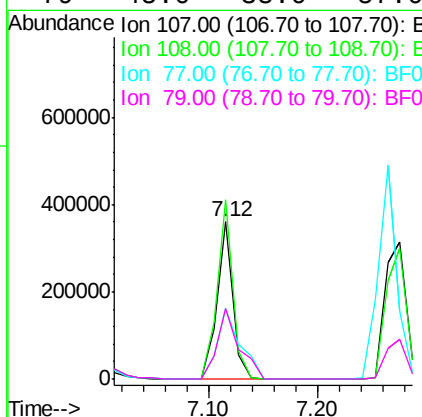
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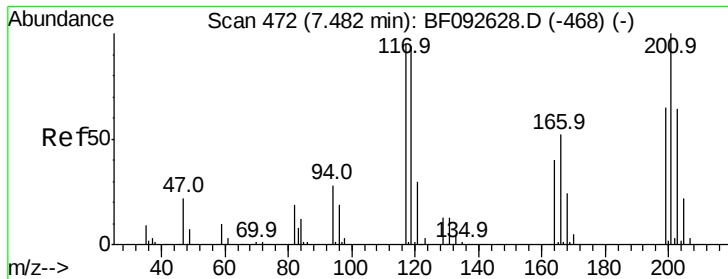
mohammad  
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#17  
2-Methylphenol  
Concen: 43.71 ng  
RT: 7.12 min Scan# 440  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.7 | 93.0  | 139.6 |
| 77      | 45.2  | 39.8  | 59.8  |
| 79      | 45.0  | 38.0  | 57.0  |





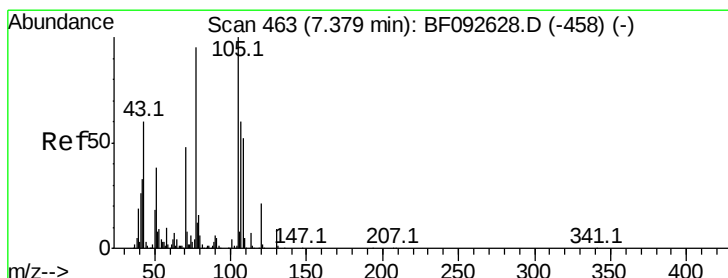
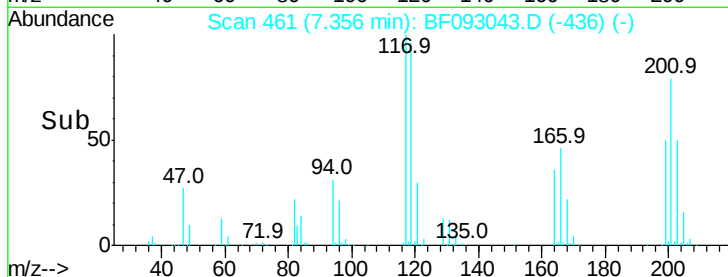
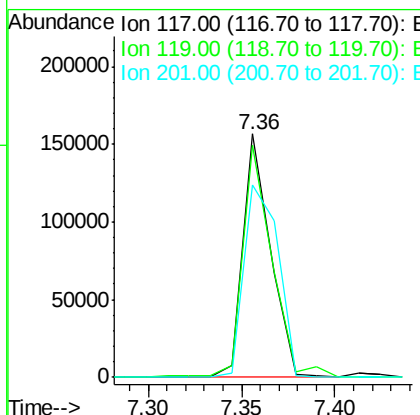
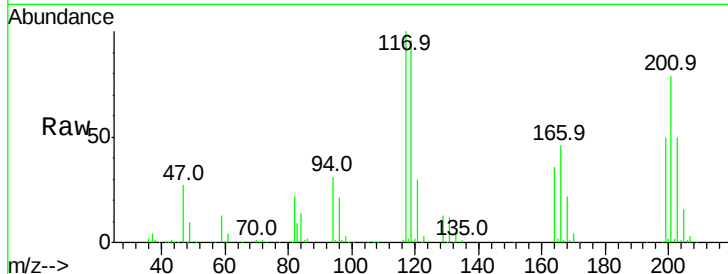
#18  
Hexachloroethane  
Concen: 40.25 ng  
RT: 7.36 min Scan# 461  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampled :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 160276 |       |       |
| 119     | 95.5  |        | 78.1  | 117.1 |
| 201     | 78.8  |        | 78.6  | 117.8 |

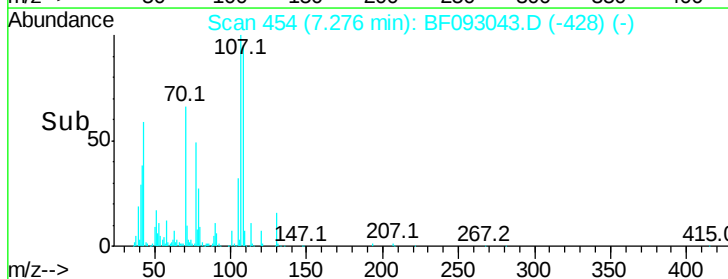
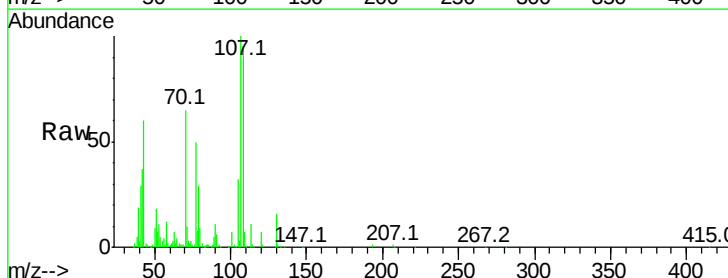
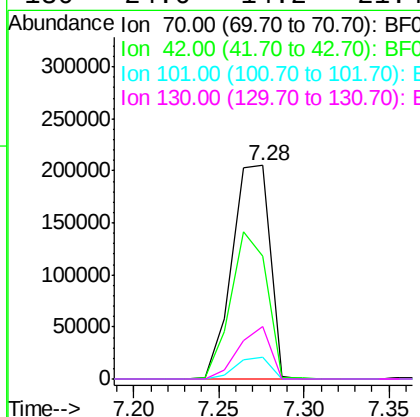
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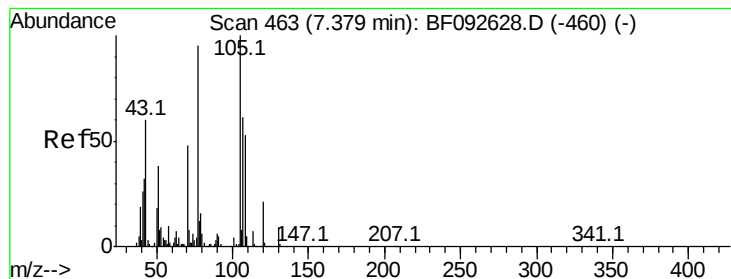
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#19  
n-Nitroso-di-n-propylamine  
Concen: 44.20 ng m  
RT: 7.28 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 322952 |       |       |
| 42      | 57.3  |        | 49.4  | 74.0  |
| 101     | 10.3  |        | 7.4   | 11.2  |
| 130     | 24.6  |        | 14.2  | 21.4  |





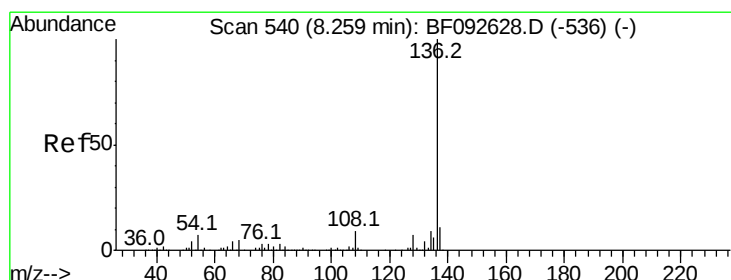
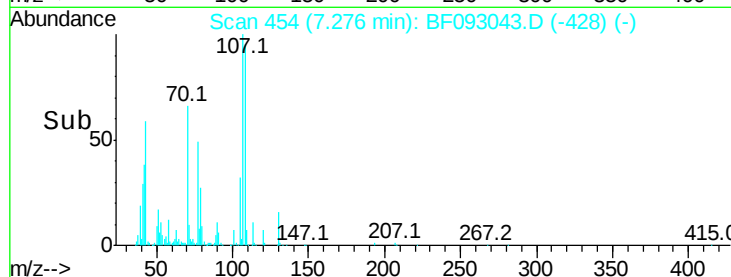
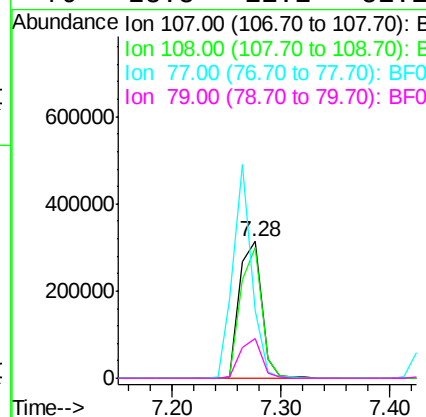
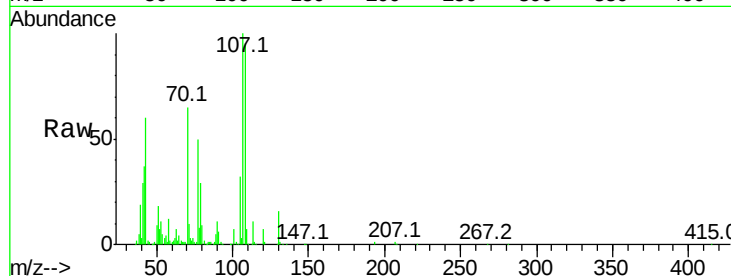
#20  
3+4-Methylphenols  
Concen: 43.84 ng  
RT: 7.28 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 95.2  | 73.0  | 113.0  |
| 77      | 50.0  | 71.3  | 111.3# |
| 79      | 28.8  | 11.1  | 51.1   |

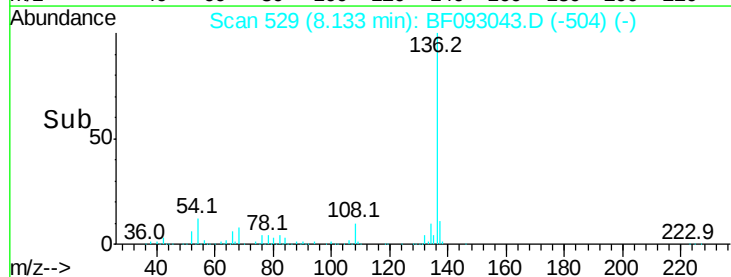
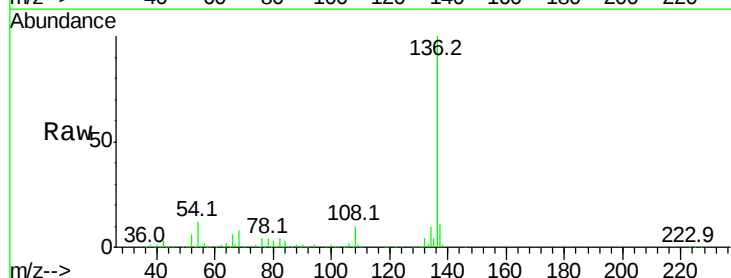
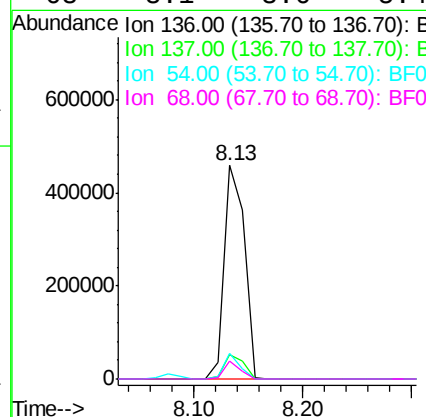
Manual Integrations  
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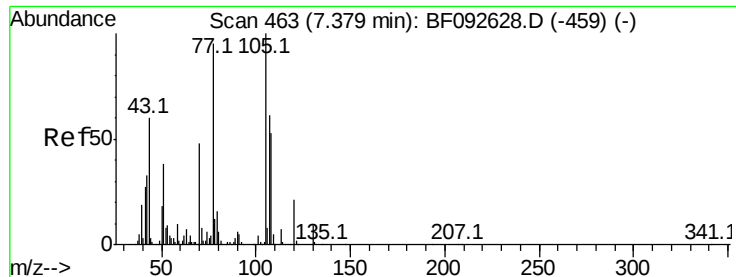
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.13 min Scan# 529  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.3  | 8.4   | 12.6  |
| 54      | 12.0  | 4.5   | 6.7#  |
| 68      | 8.1   | 3.6   | 5.4#  |





#22

Acetophenone

Concen: 43.56 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

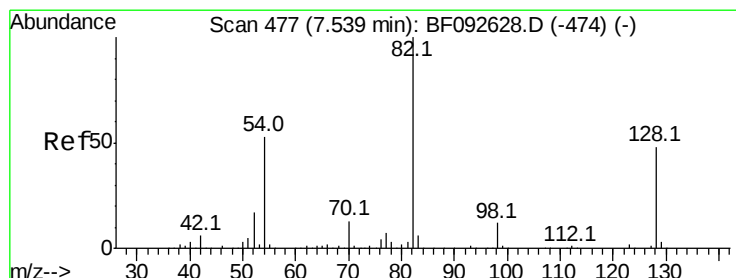
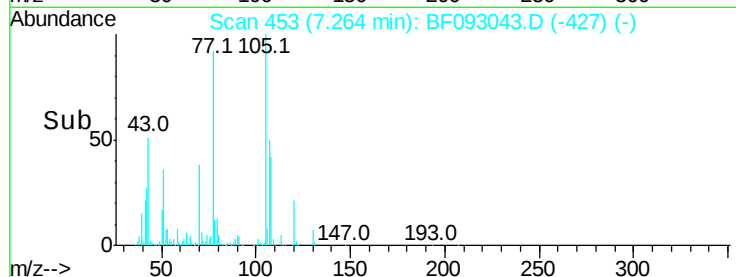
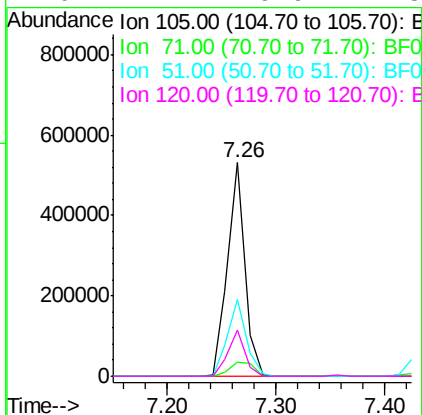
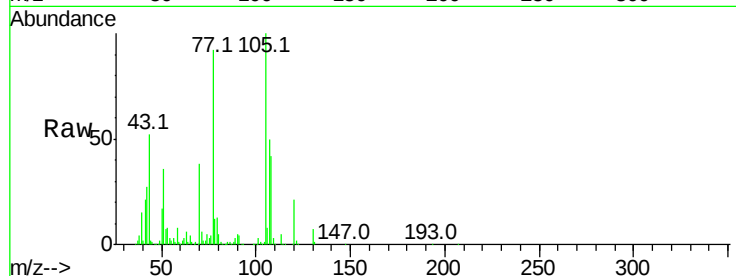
ClientSampleId :

B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 6.4   | 3.2   | 4.8#  |
| 51      | 36.2  | 26.2  | 39.4  |
| 120     | 21.4  | 16.6  | 24.8  |

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#23

Nitrobenzene-d5

Concen: 95.40 ng

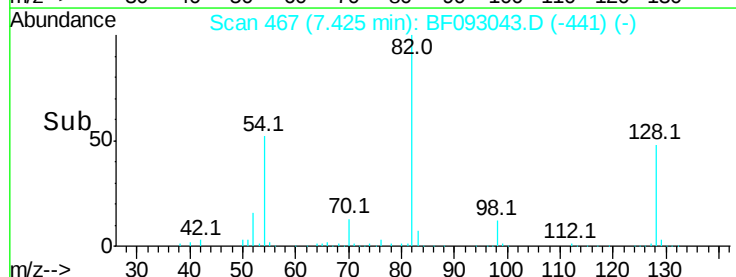
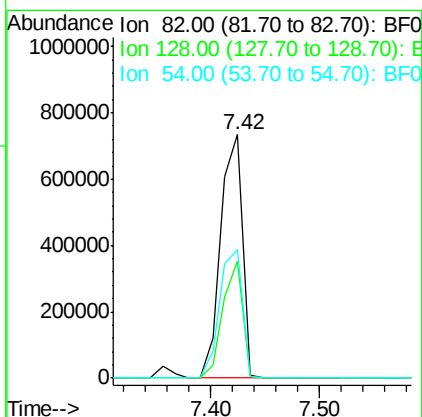
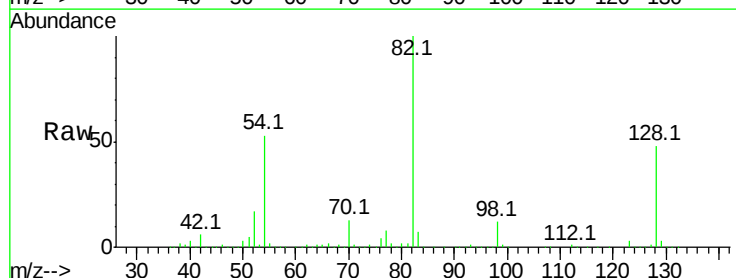
RT: 7.42 min Scan# 467

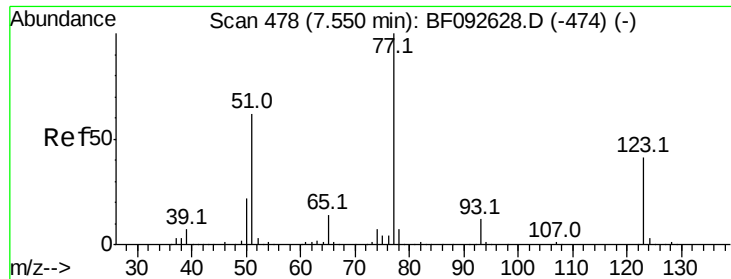
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.2  | 34.6  | 52.0  |
| 54      | 52.7  | 39.5  | 59.3  |





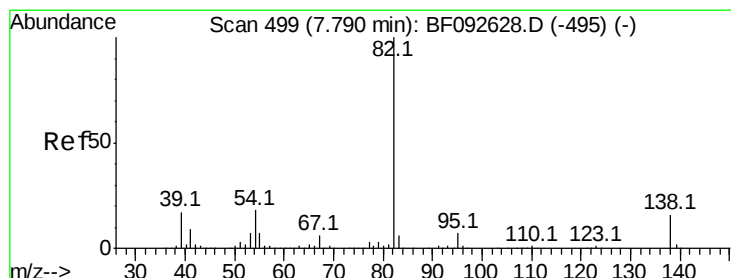
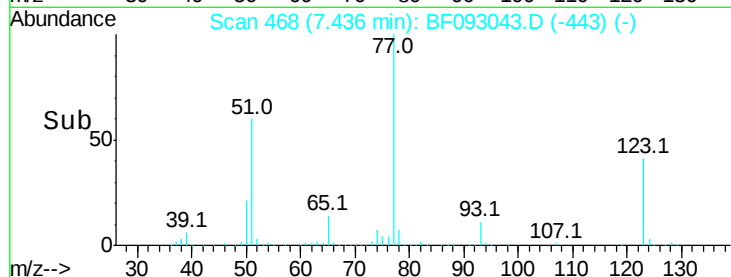
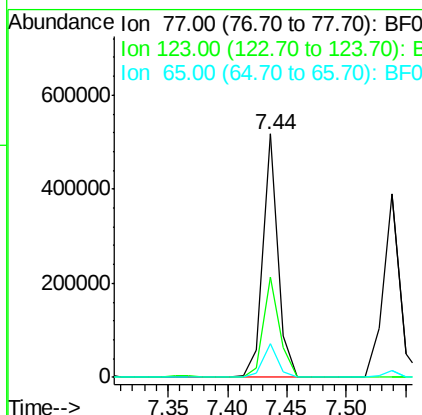
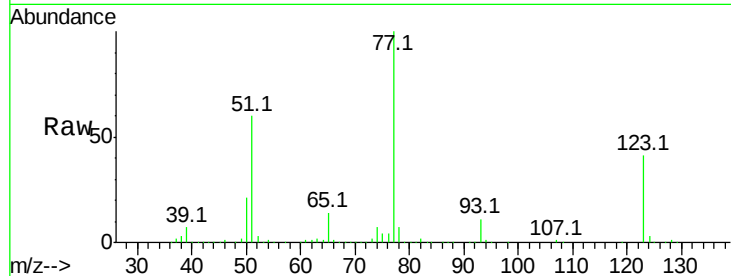
#24  
 Nitrobenzene  
 Concen: 42.02 ng  
 RT: 7.44 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 457697 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.1  | 33.0  | 49.4   |
| 65        | 14.0  | 11.2  | 16.8   |

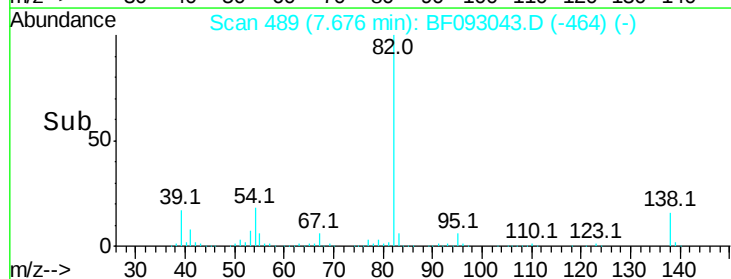
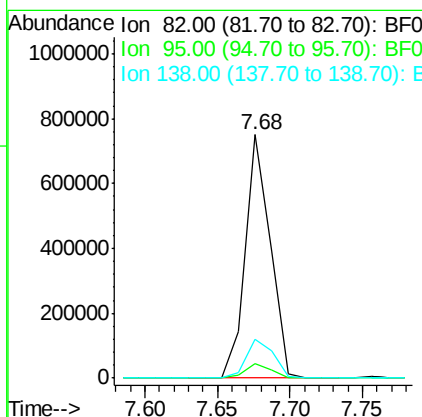
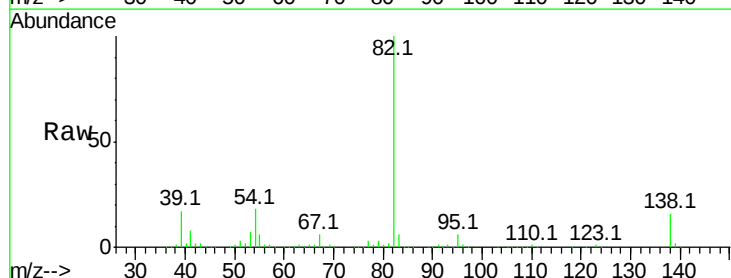
Manual Integrations  
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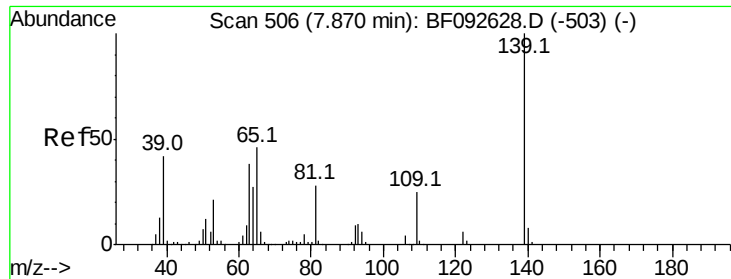
mohammad  
 2/21/2017 3:57:36 PM



#25  
 Isophorone  
 Concen: 45.27 ng  
 RT: 7.68 min Scan# 489  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 894921 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.2   | 5.6   | 8.4    |
| 138       | 15.9  | 14.6  | 22.0   |





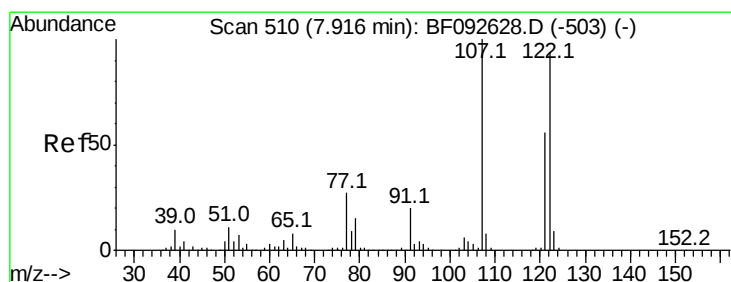
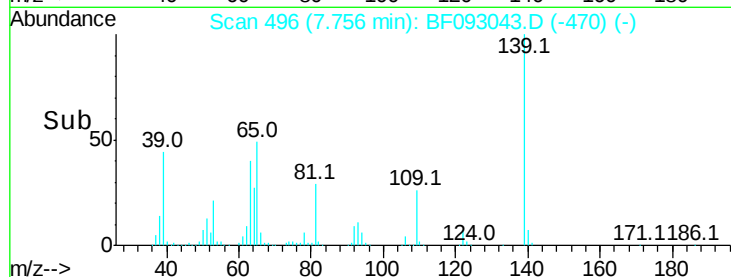
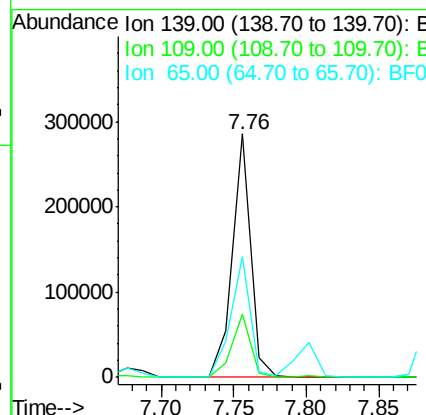
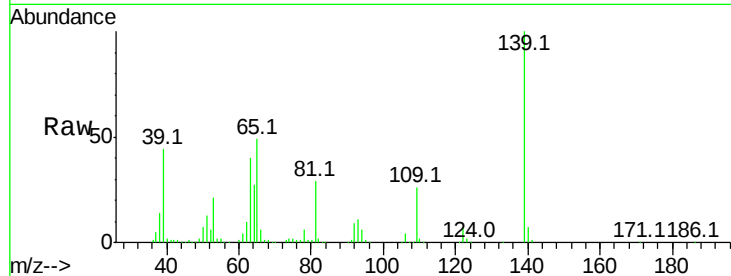
#26  
2-Nitrophenol  
Concen: 48.61 ng  
RT: 7.76 min Scan# 496  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 251700 |       |       |
| 109     | 25.7  | 23.3   | 34.9  |       |
| 65      | 49.4  | 42.7   | 64.1  |       |

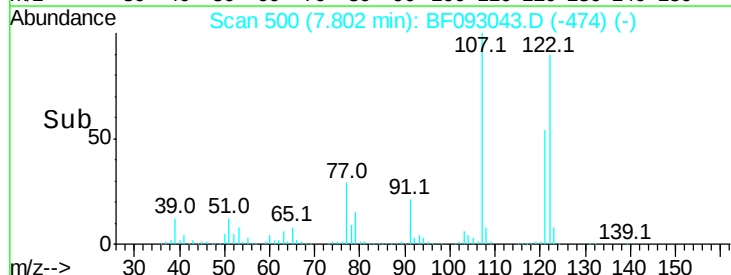
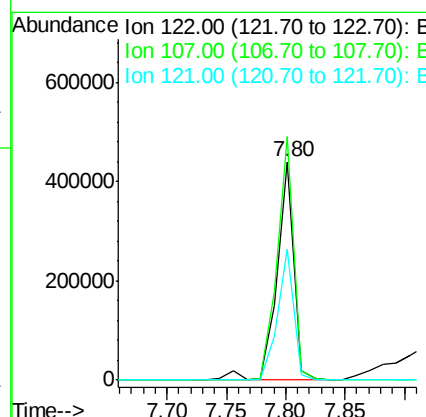
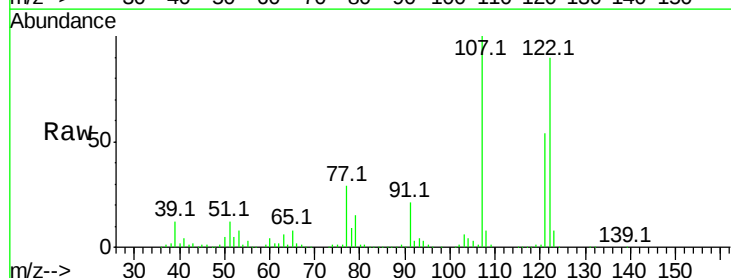
Manual Integrations  
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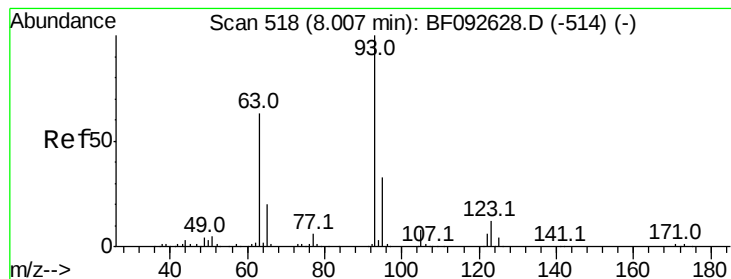
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#27  
2,4-Dimethylphenol  
Concen: 48.43 ng  
RT: 7.80 min Scan# 500  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 440406 |       |       |
| 107     | 111.4 | 94.1   | 141.1 |       |
| 121     | 59.9  | 46.0   | 69.0  |       |





#28

bis(2-Chloroethoxy)methane

Concen: 47.15 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

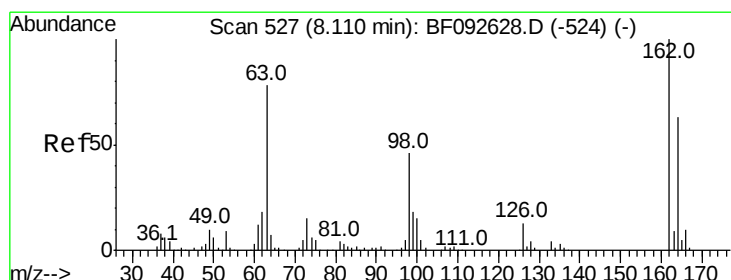
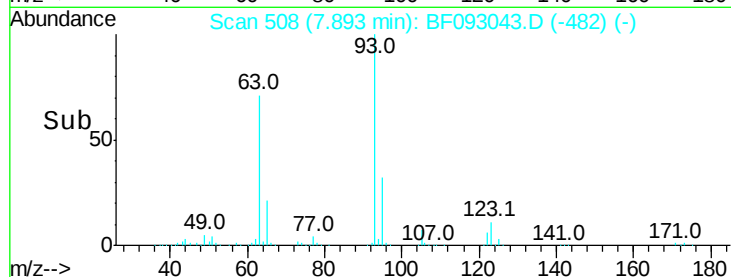
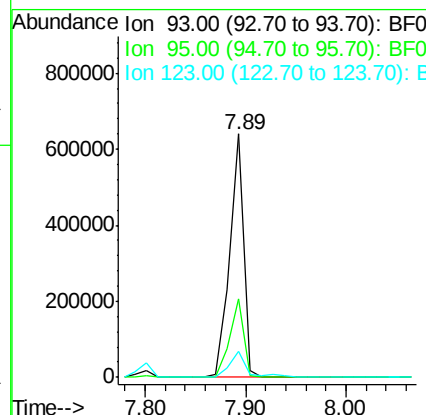
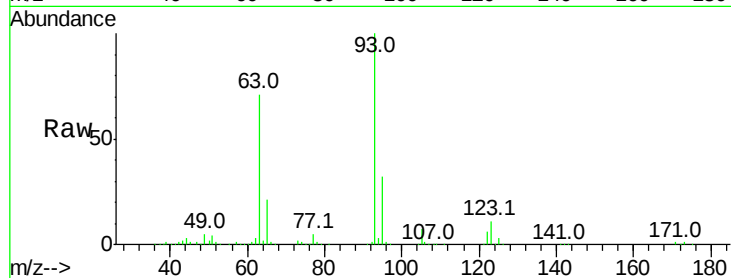
ClientSampleId :

B1-2MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 617266 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.2  | 26.5  | 39.7   |
| 123      | 10.8  | 8.6   | 13.0   |

Manual Integrations  
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#29

2,4-Dichlorophenol

Concen: 46.09 ng

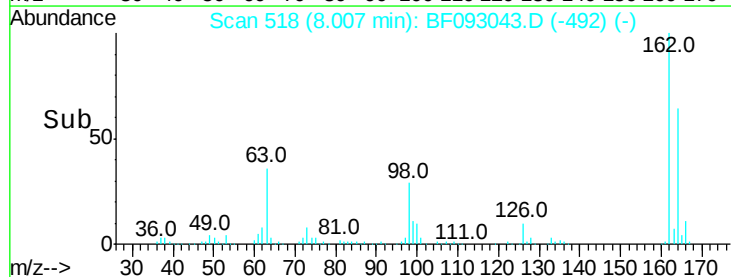
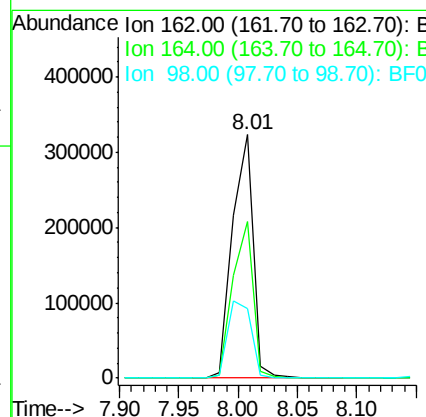
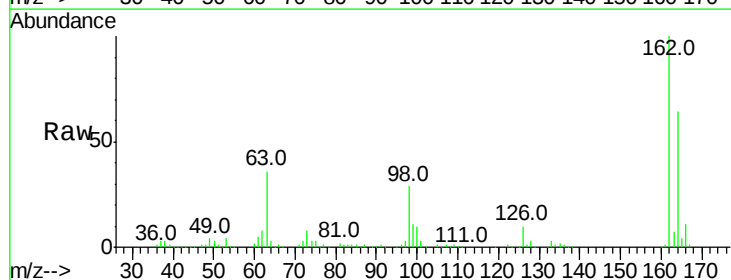
RT: 8.01 min Scan# 518

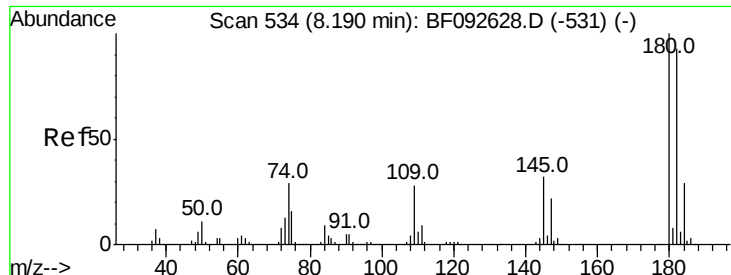
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 390860 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.3  | 46.8  | 86.8   |
| 98       | 28.7  | 9.1   | 49.1   |





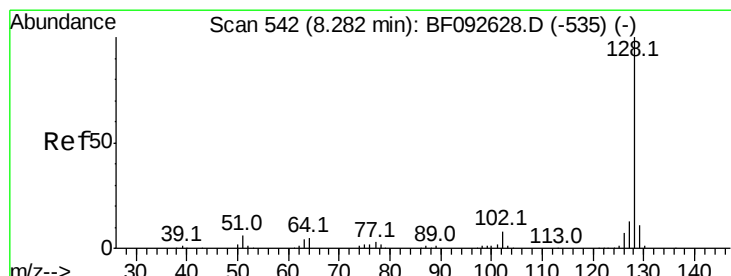
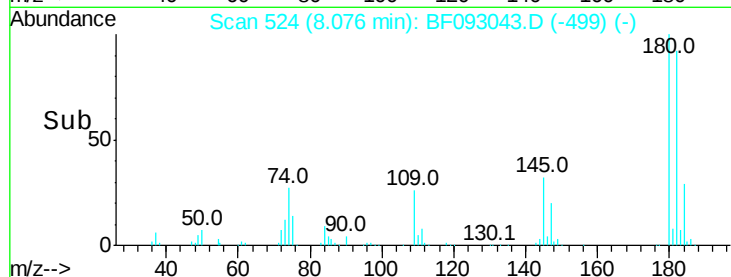
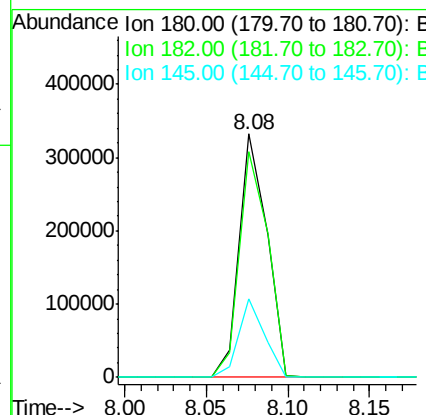
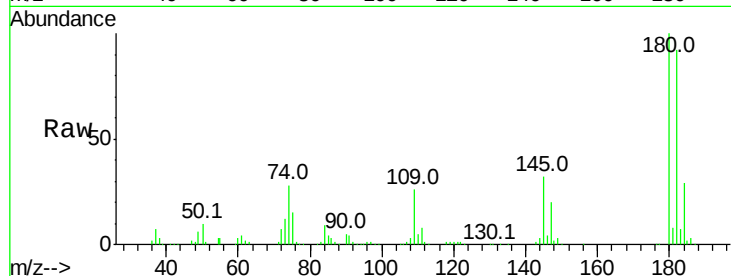
#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.60 ng  
 RT: 8.08 min Scan# 524  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 389317 |       |       |
| 182     | 92.5  |        | 78.2  | 117.4 |
| 145     | 32.1  |        | 21.6  | 32.4  |

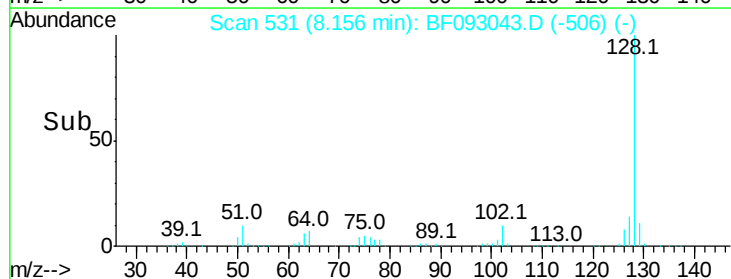
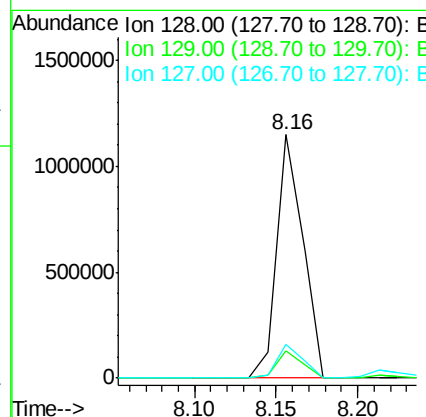
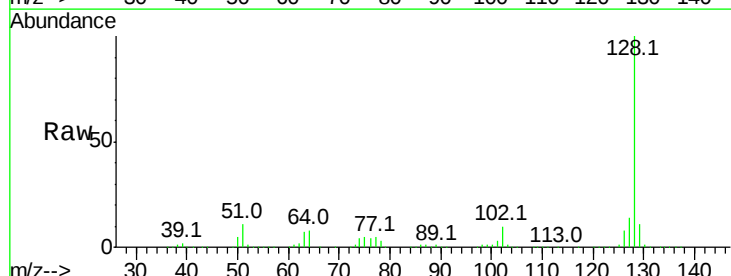
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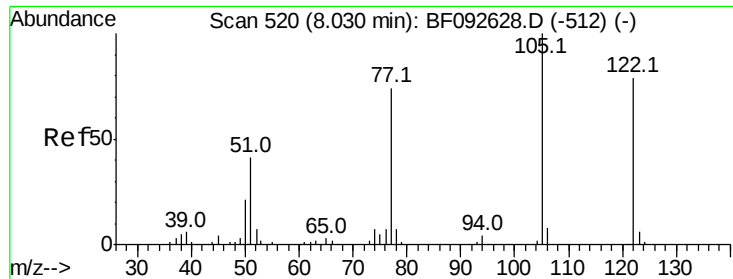
mohammad  
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#31  
 Naphthalene  
 Concen: 43.09 ng  
 RT: 8.16 min Scan# 531  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 128     | 100   | 1290355 |       |       |
| 129     | 11.4  |         | 9.5   | 14.3  |
| 127     | 13.6  |         | 10.8  | 16.2  |





#32

Benzoic acid

Concen: 48.52 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

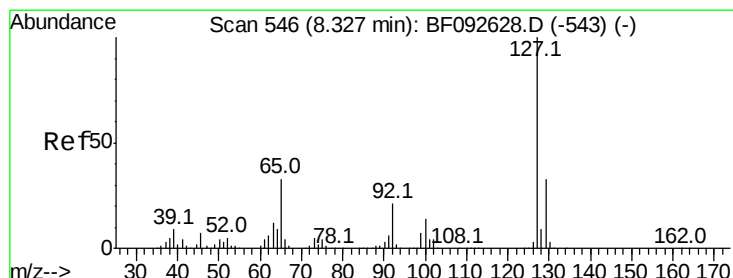
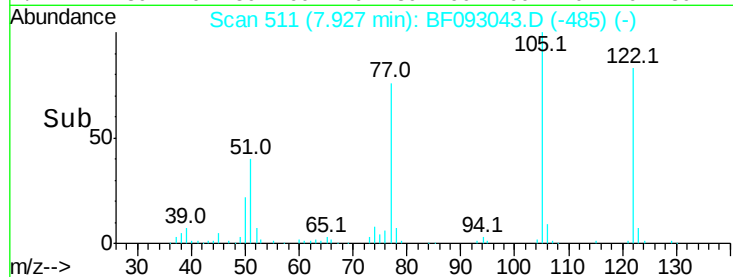
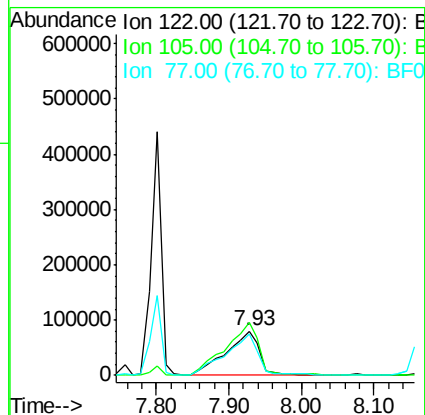
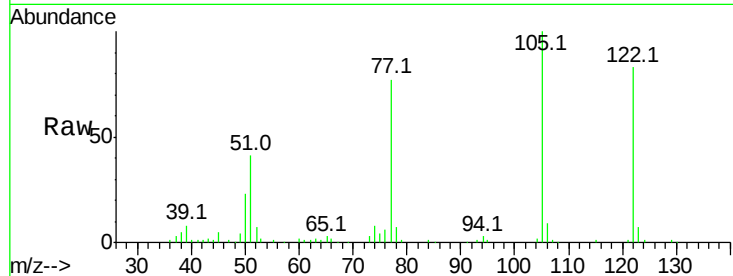
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 250464 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 120.0 | 107.2 | 147.2  |
| 77        | 92.7  | 74.5  | 114.5  |

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#33

4-Chloroaniline

Concen: 5.56 ng

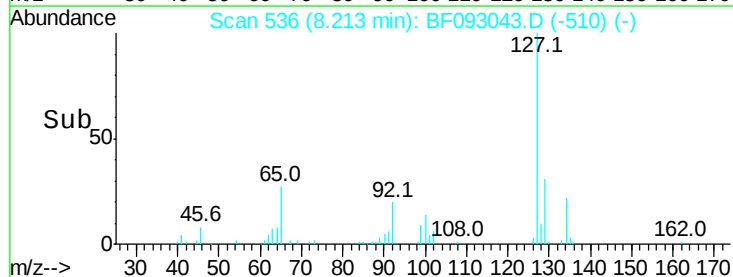
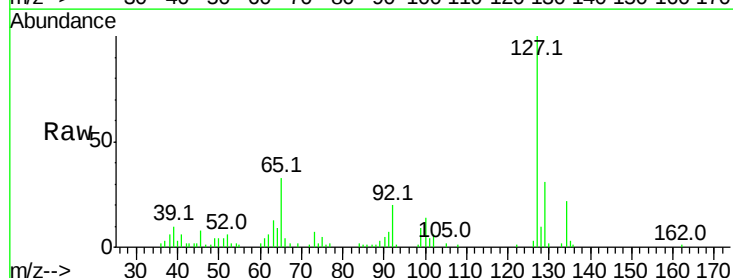
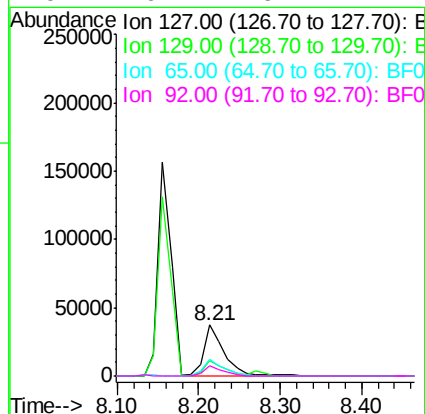
RT: 8.21 min Scan# 536

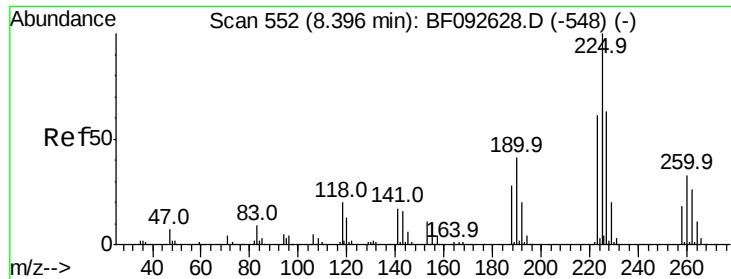
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 65299 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.8  | 26.3  | 39.5  |
| 65        | 33.3  | 25.8  | 38.8  |
| 92        | 20.2  | 16.1  | 24.1  |





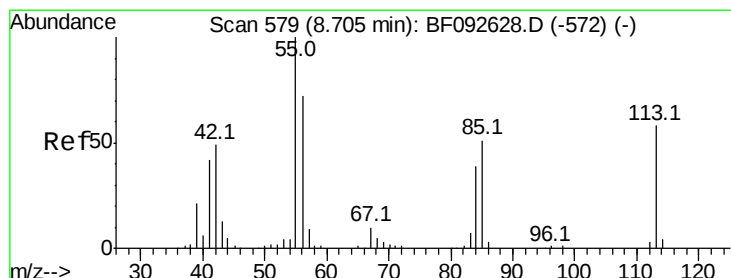
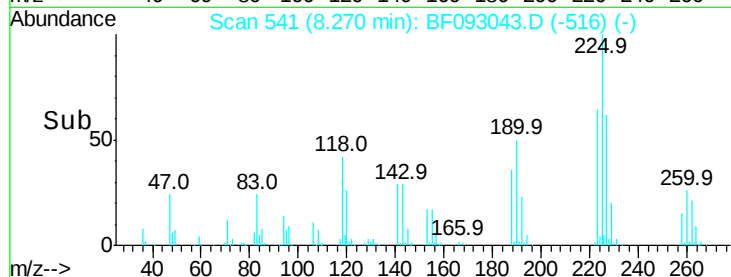
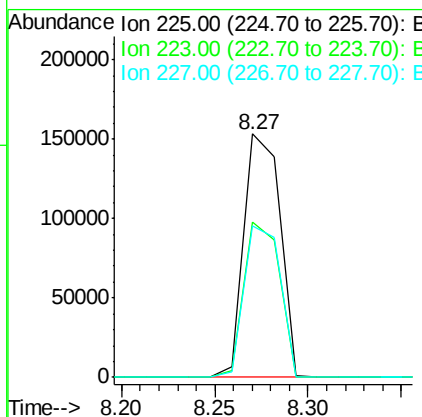
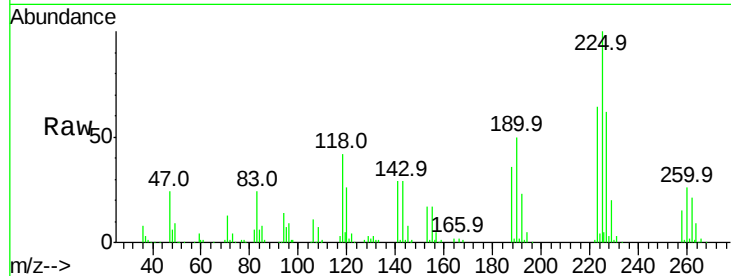
#34  
Hexachlorobutadiene  
Concen: 40.92 ng  
RT: 8.27 min Scan# 541  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 205770 |       |       |
| 223     | 64.0  |        | 51.0  | 76.6  |
| 227     | 62.2  |        | 50.6  | 76.0  |

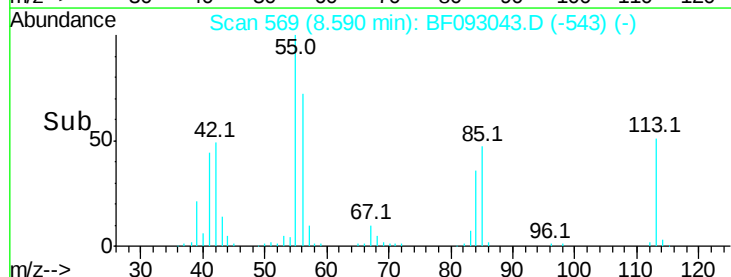
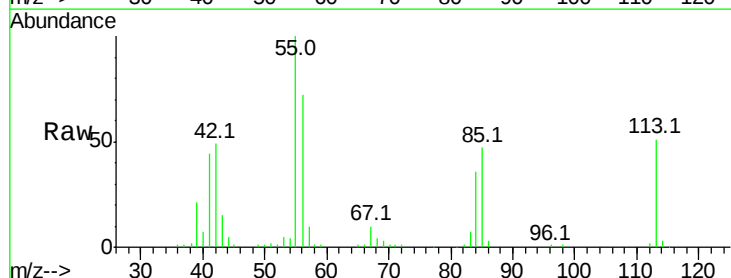
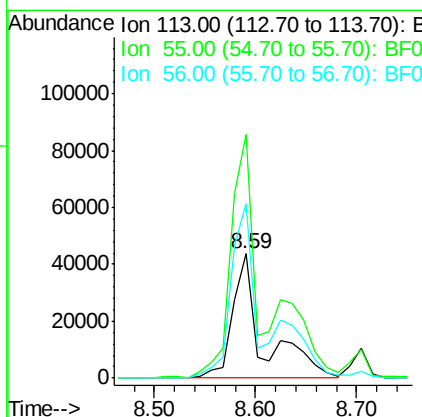
Manual Integrations  
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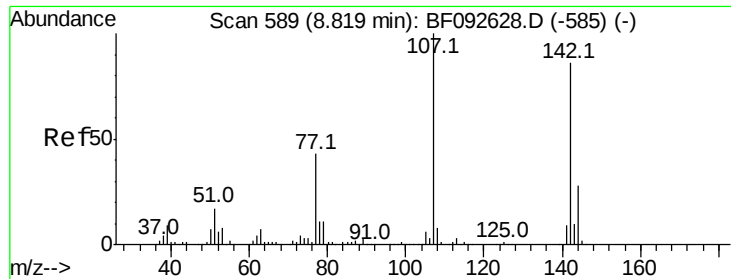
mohammad  
2/21/2017 3:57:36 PM



#35  
Caprolactam  
Concen: 34.60 ng m  
RT: 8.59 min Scan# 569  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 113     | 100   | 92316 |       |        |
| 55      | 195.6 |       | 119.2 | 159.2# |
| 56      | 140.0 |       | 83.8  | 123.8# |





#36

4-Chloro-3-methylphenol

Concen: 46.27 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

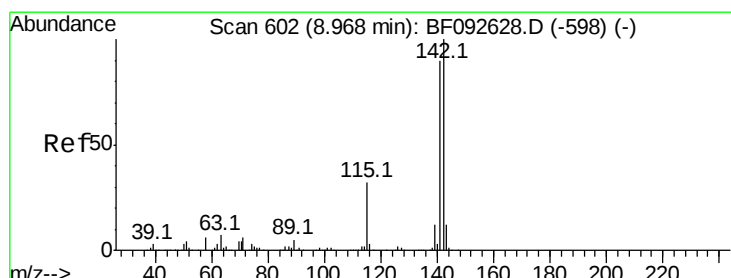
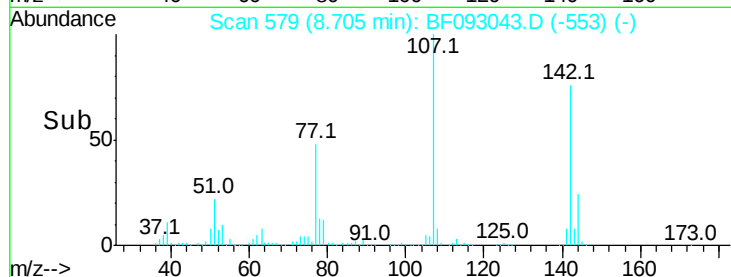
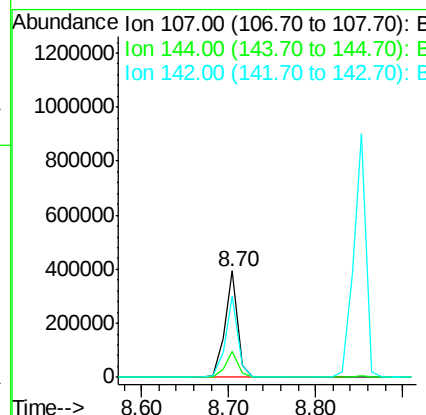
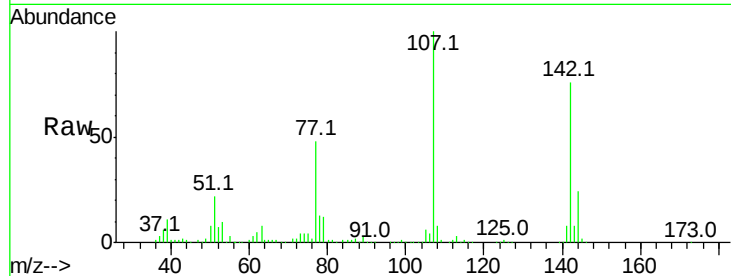
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 409149 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.4  | 19.3  | 28.9   |
| 142       | 75.9  | 59.0  | 88.6   |

Manual Integrations  
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#37

2-Methylnaphthalene

Concen: 47.62 ng

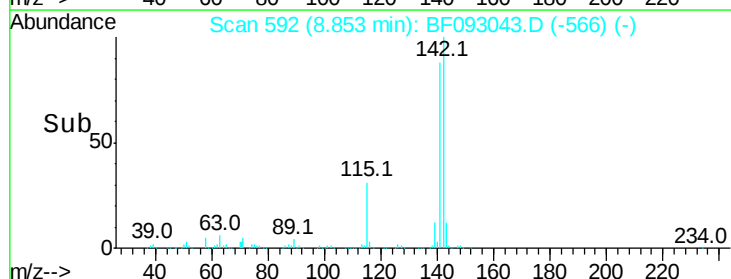
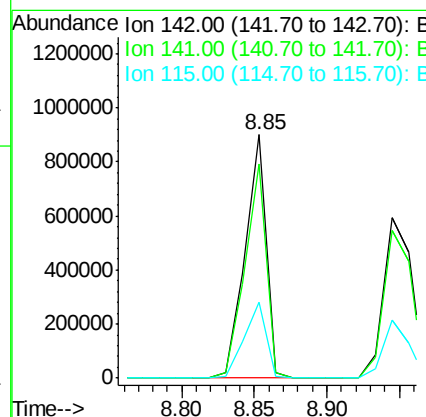
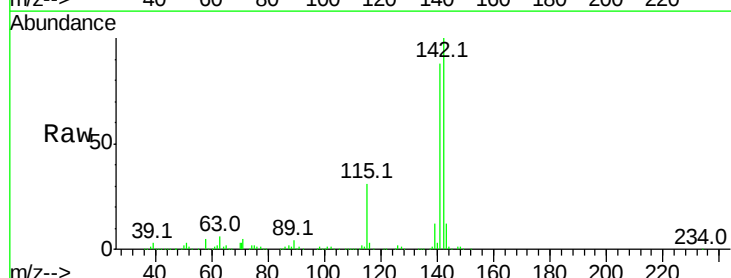
RT: 8.85 min Scan# 592

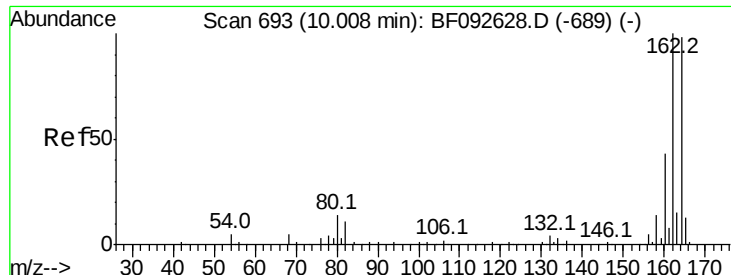
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 915712 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.2  | 71.0  | 106.6  |
| 115       | 31.2  | 28.3  | 42.5   |





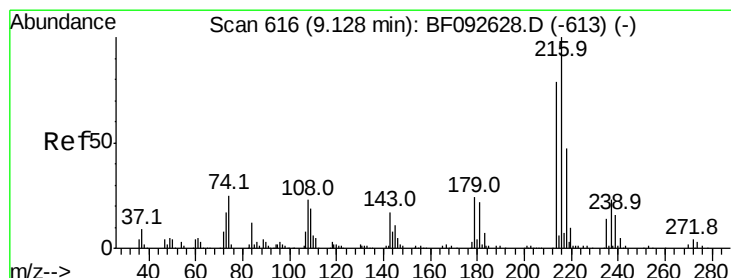
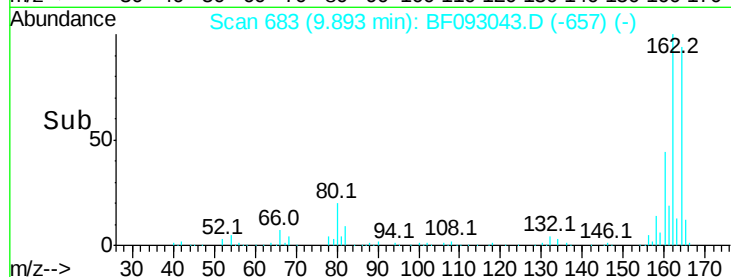
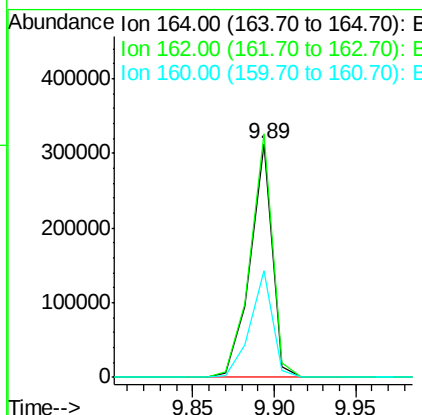
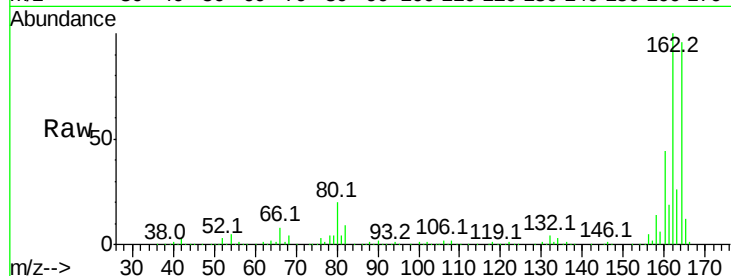
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 294189 |       |       |
| 162     | 104.1 | 80.2   | 120.2 |       |
| 160     | 45.8  | 36.9   | 55.3  |       |

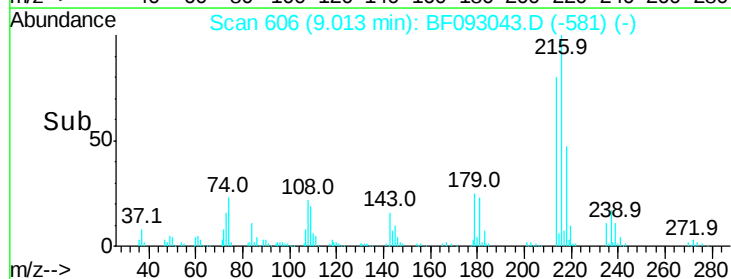
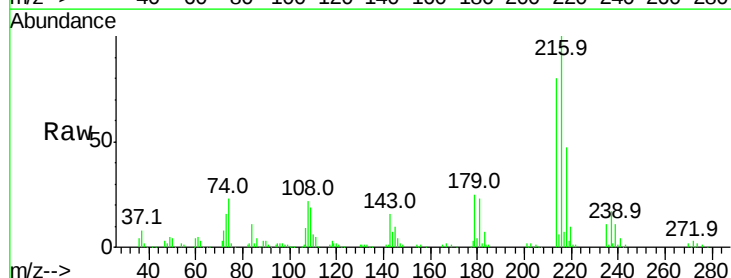
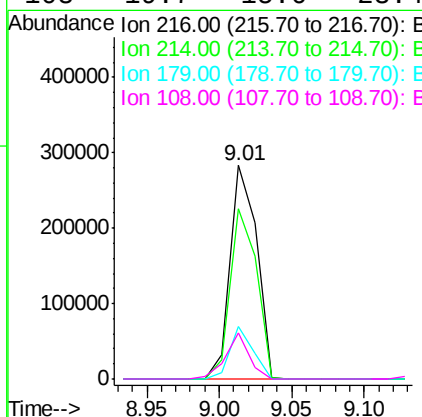
Manual Integrations  
APPROVED

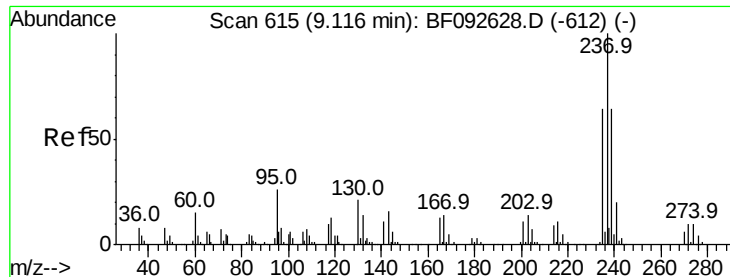
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#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.58 ng  
RT: 9.01 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 359915 |       |       |
| 214     | 79.3  | 63.4   | 95.0  |       |
| 179     | 21.5  | 17.4   | 26.2  |       |
| 108     | 19.7  | 15.6   | 23.4  |       |





#40

Hexachlorocyclopentadiene

Concen: 80.87 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

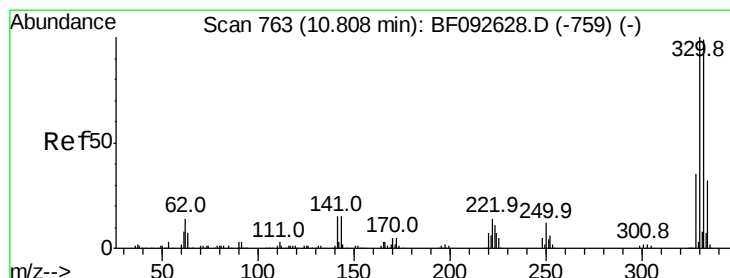
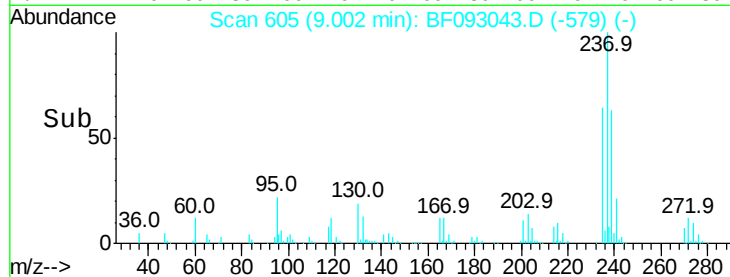
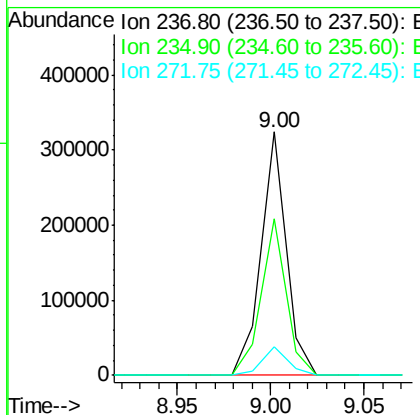
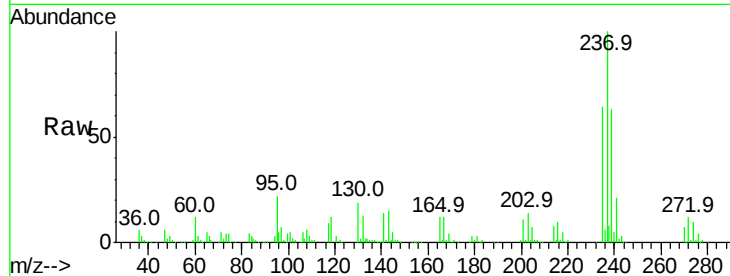
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 301316 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.4  | 41.2  | 81.2   |
| 272       | 11.8  | 0.0   | 35.4   |

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#41

2,4,6-Tribromophenol

Concen: 137.74 ng

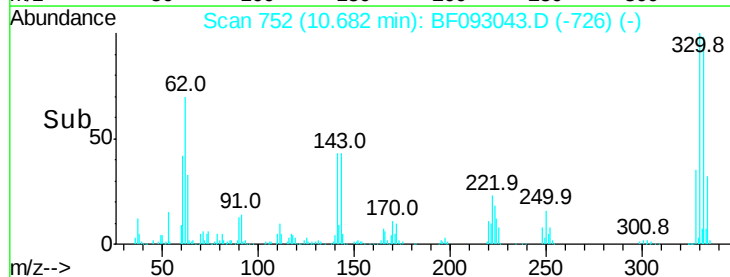
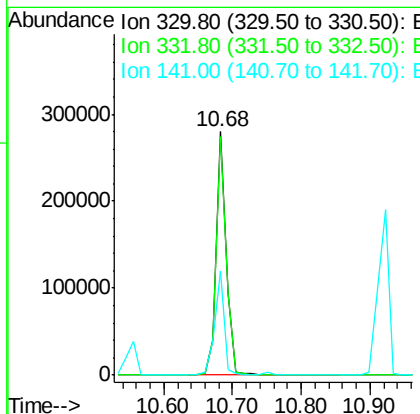
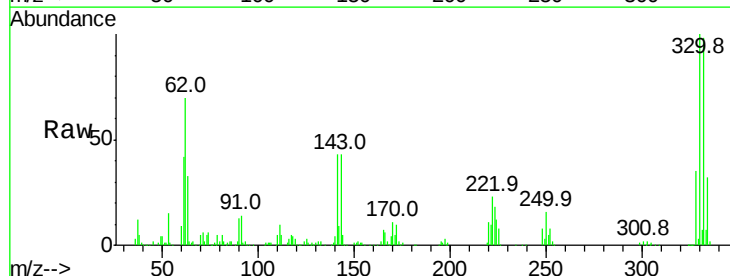
RT: 10.68 min Scan# 752

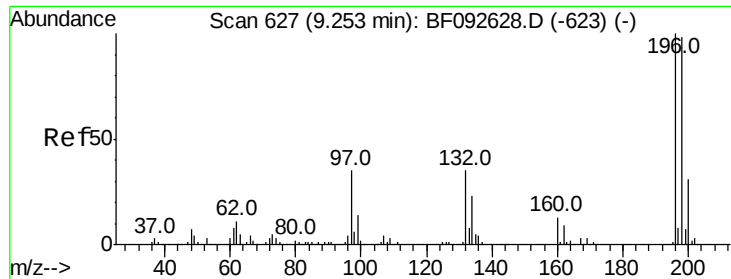
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 293070 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.5  | 77.4  | 116.2  |
| 141       | 39.7  | 34.1  | 51.1   |





#42

2,4,6-Trichlorophenol

Concen: 50.70 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

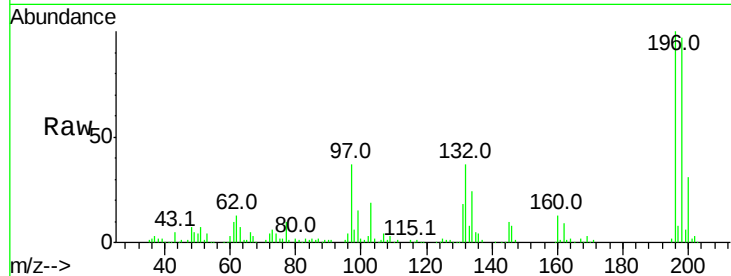
ClientSampleId :

B1-2MS

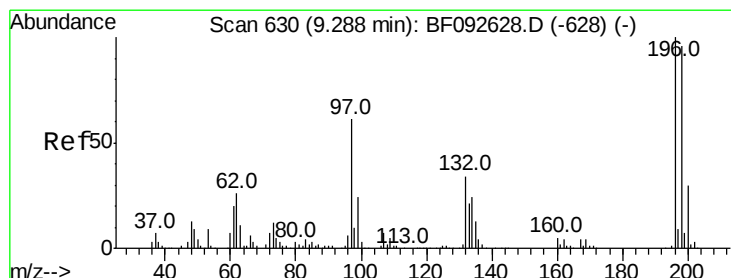
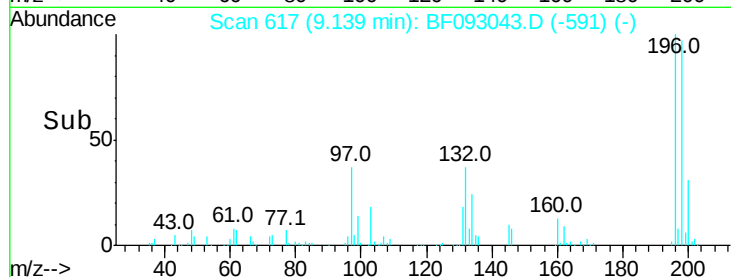
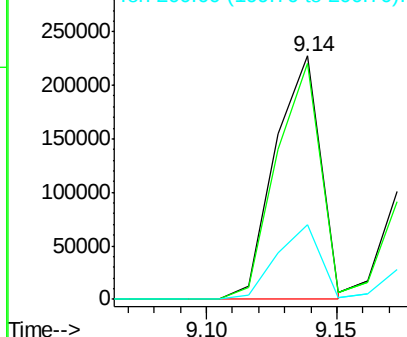
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 275107 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.8  | 82.1  | 123.1  |
| 200       | 30.9  | 27.0  | 40.4   |

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Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 49.62 ng

RT: 9.18 min Scan# 621

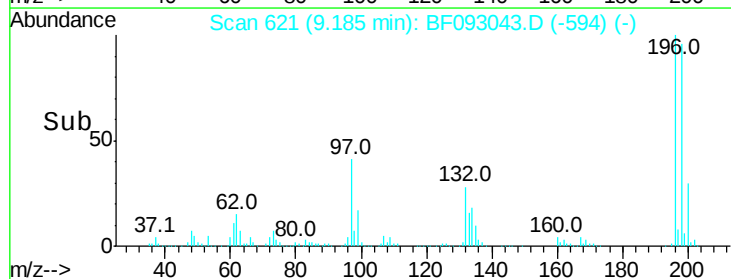
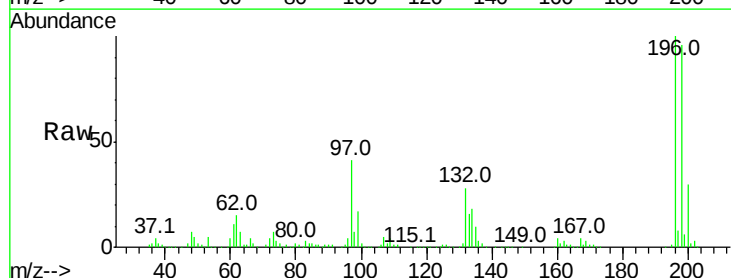
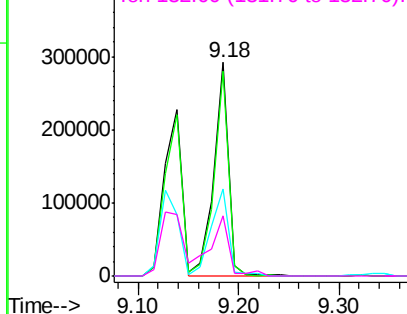
Delta R.T. 0.01 min

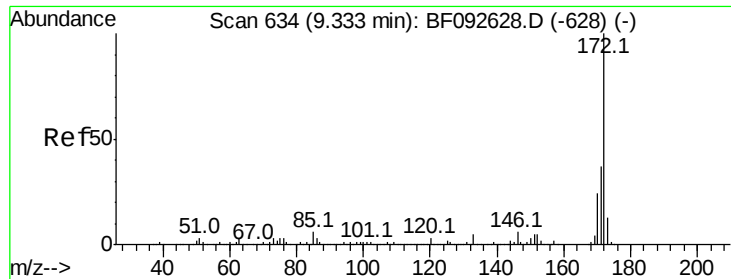
Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 295037 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 79.4  | 119.2  |
| 97        | 40.8  | 51.5  | 77.3#  |
| 132       | 27.9  | 27.4  | 41.2   |

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF0  
Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 107.80 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

B1-2MS

Tot Ion:172 Resp: 1750522

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

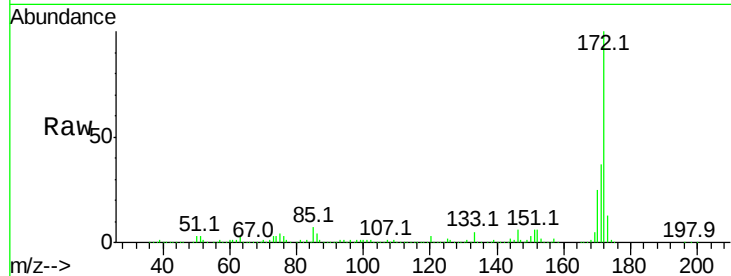
170 24.8 20.2 30.4

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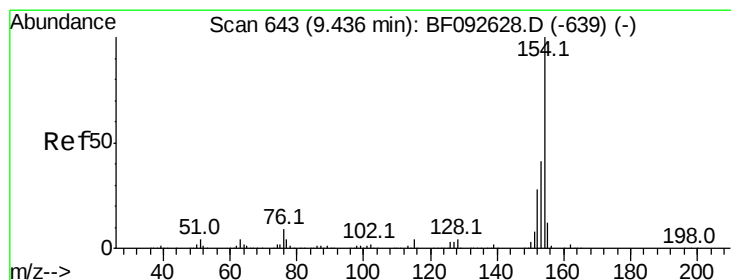
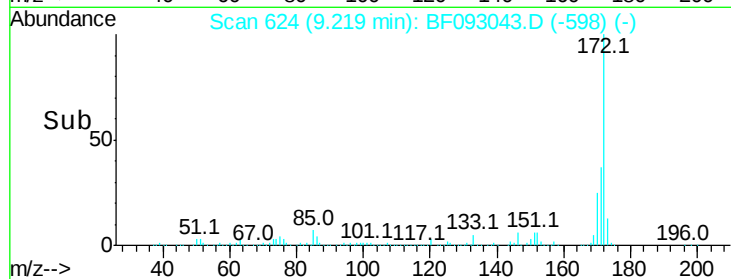
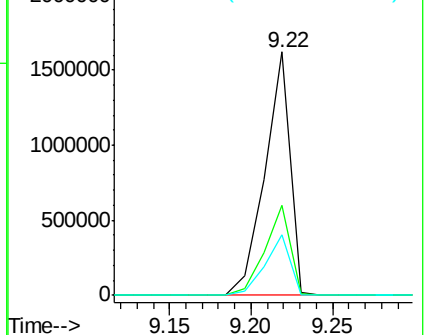
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 48.17 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

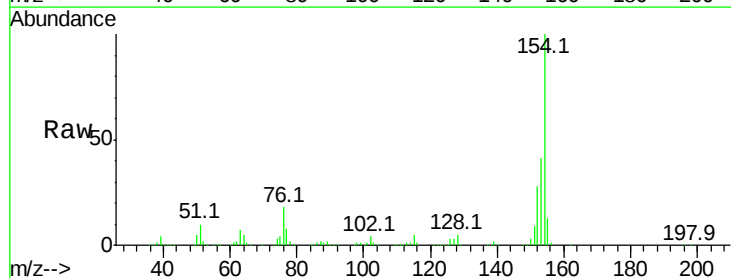
Tgt Ion:154 Resp: 1026173

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

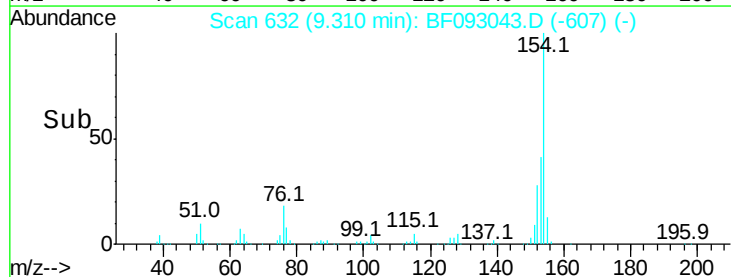
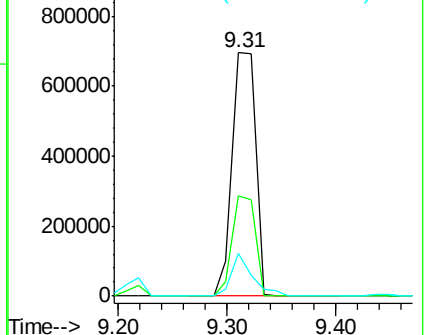
76 17.7 0.0 30.5

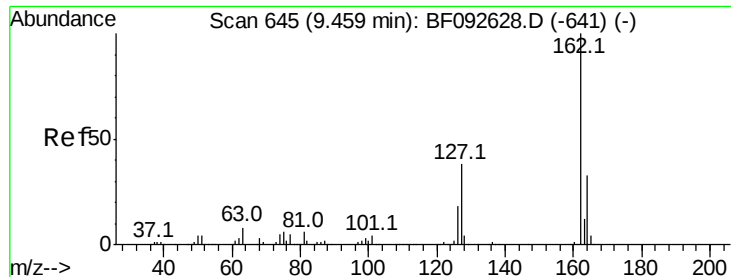


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 50.92 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

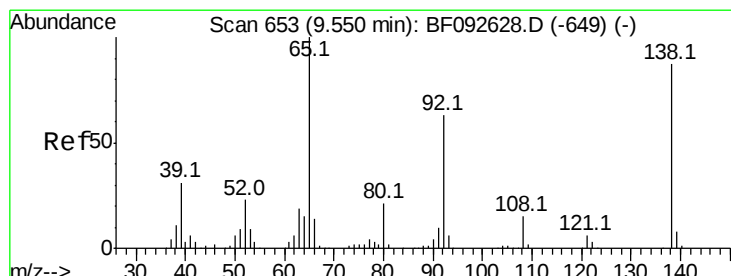
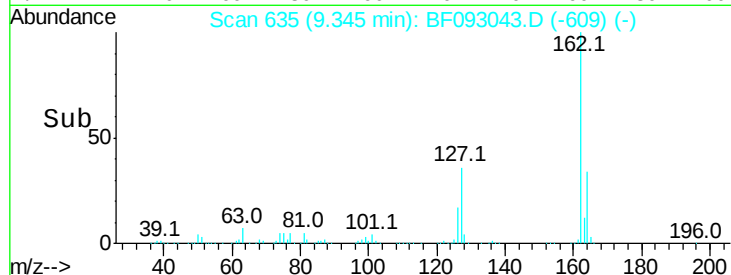
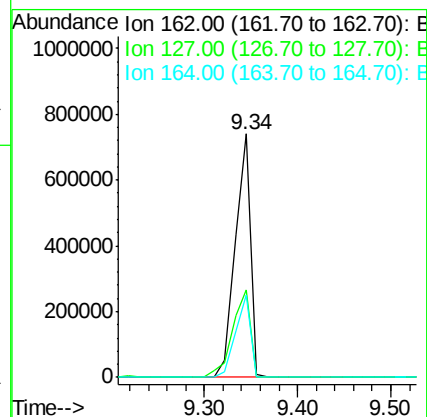
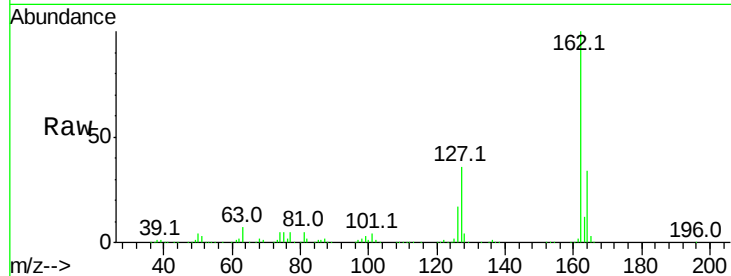
ClientSampled :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 848479 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 36.0  | 30.7  | 46.1   |
| 164       | 34.0  | 27.6  | 41.4   |

Manual Integrations  
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#47

2-Nitroaniline

Concen: 46.26 ng

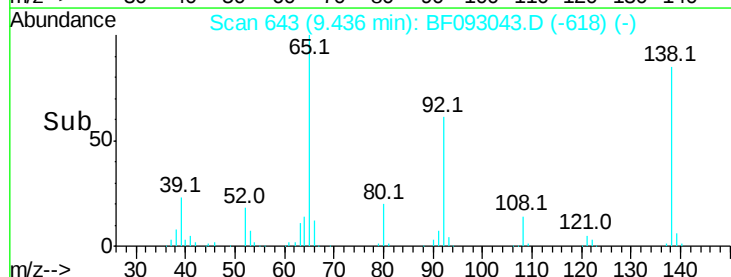
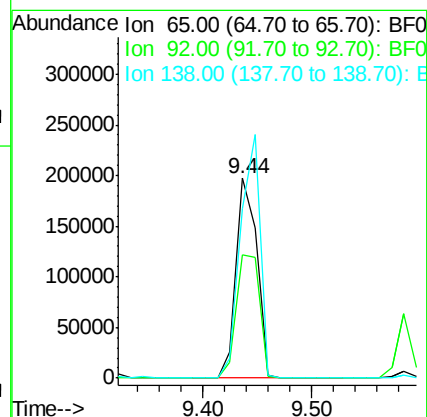
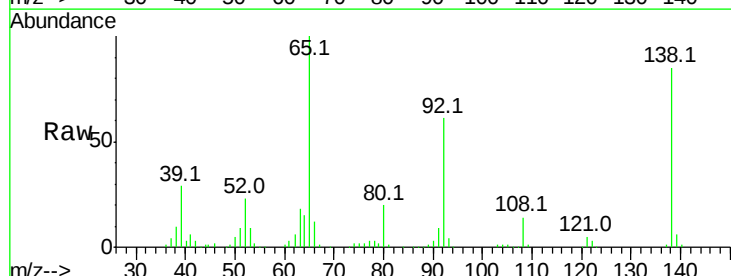
RT: 9.44 min Scan# 643

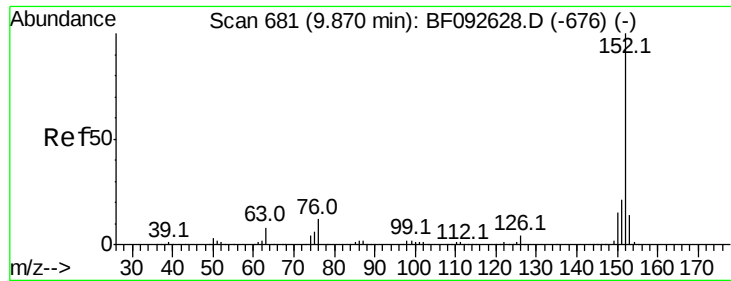
Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 259202 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 61.4  | 53.9  | 80.9   |
| 138       | 84.8  | 76.8  | 115.2  |





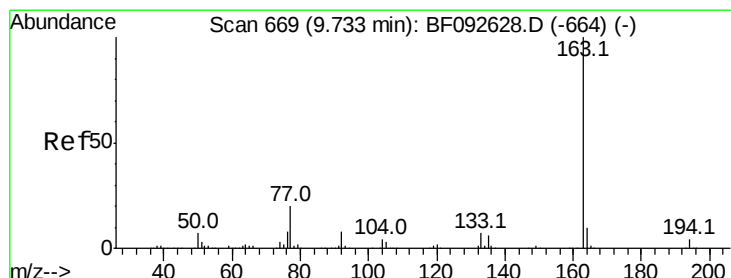
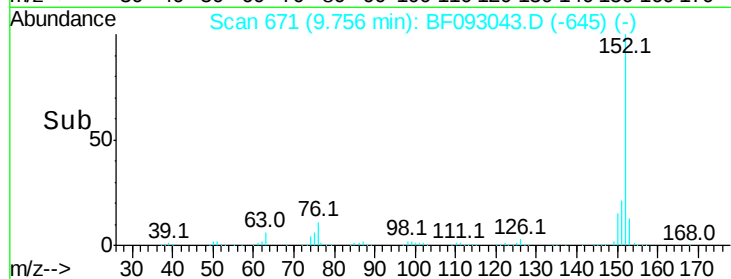
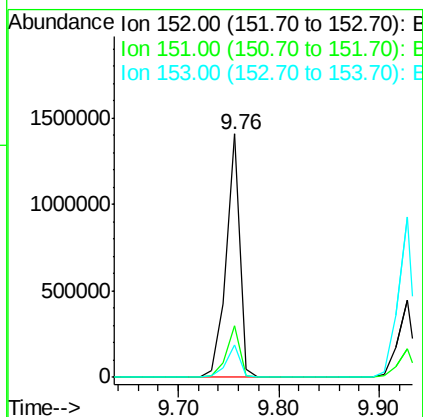
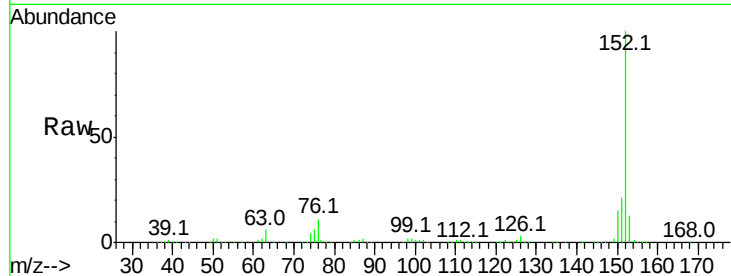
#48  
Acenaphthylene  
Concen: 46.14 ng  
RT: 9.76 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.0  | 16.9  | 25.3  |
| 153     | 13.3  | 11.4  | 17.2  |

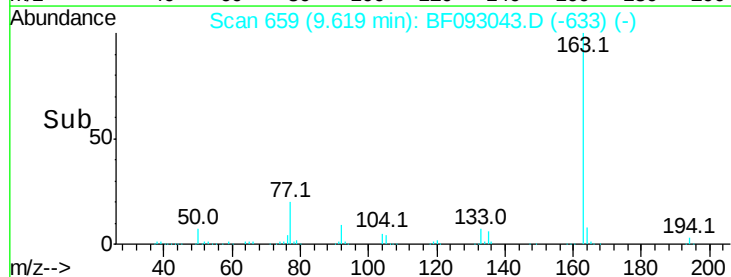
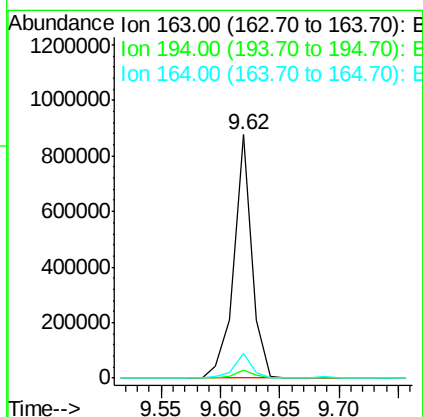
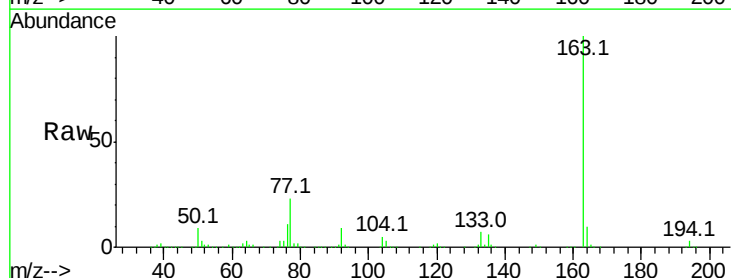
Manual Integrations  
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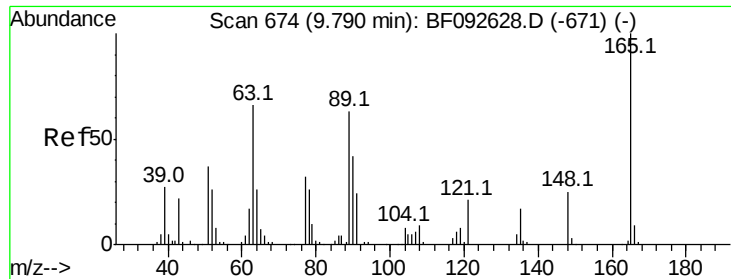
mohammad  
2/21/2017 3:57:36 PM



#49  
Dimethylphthalate  
Concen: 46.41 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.4   | 3.0   | 4.4   |
| 164     | 10.3  | 8.0   | 12.0  |





#50

2,6-Dinitrotoluene

Concen: 56.10 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

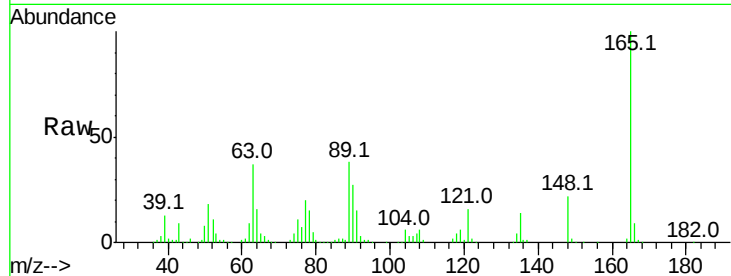
B1-2MS

Tot Ion:165 Resp: 240064

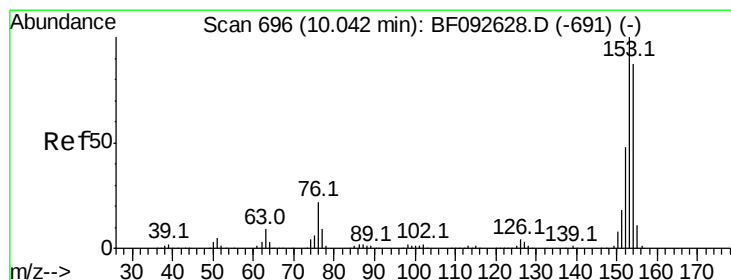
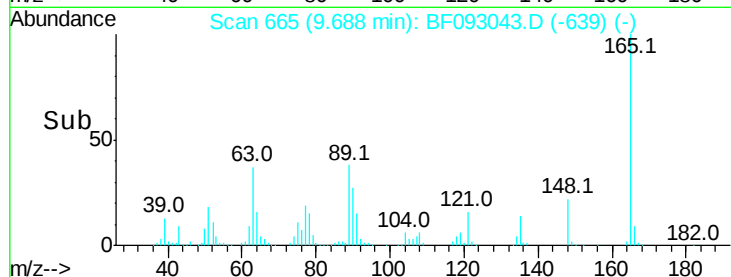
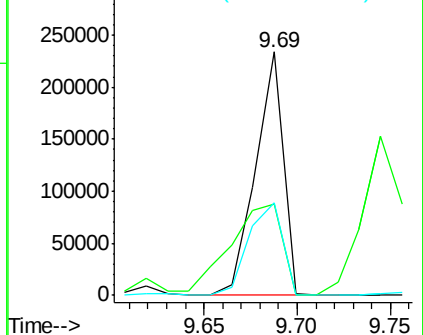
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 37.5  | 36.2  | 54.4  |
| 89  | 38.2  | 40.2  | 60.4  |

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Abundance Ion 165.00 (164.70 to 165.70): E



#51

Acenaphthene

Concen: 47.48 ng

RT: 9.93 min Scan# 686

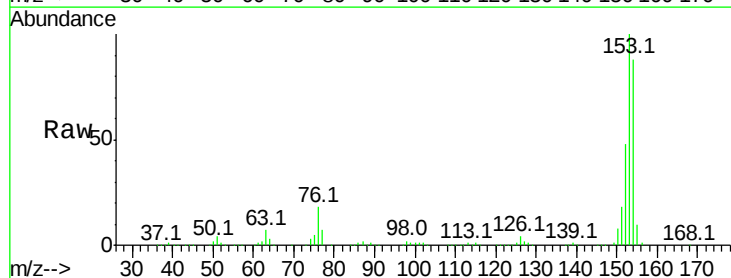
Delta R.T. -0.00 min

Lab File: BF093043.D

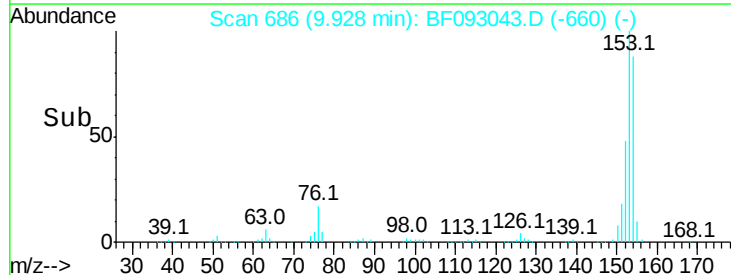
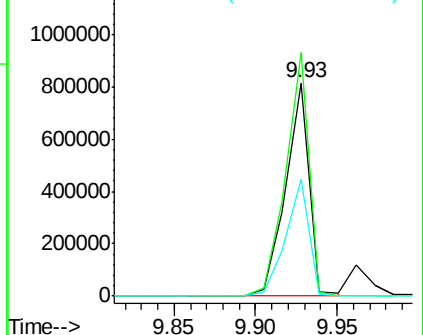
Acq: 20 Feb 2017 22:04

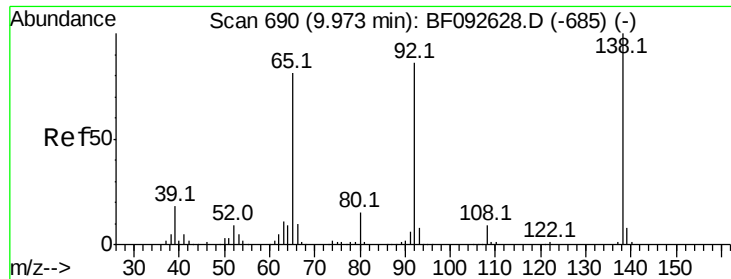
Tgt Ion:154 Resp: 817213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 114.2 | 88.6  | 133.0 |
| 152 | 55.0  | 41.6  | 62.4  |



Abundance Ion 154.00 (153.70 to 154.70): E





#52

3-Nitroaniline

Concen: 8.88 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

B1-2MS

Tot Ion:138 Resp: 43500

Ion Ratio Lower Upper

138 100

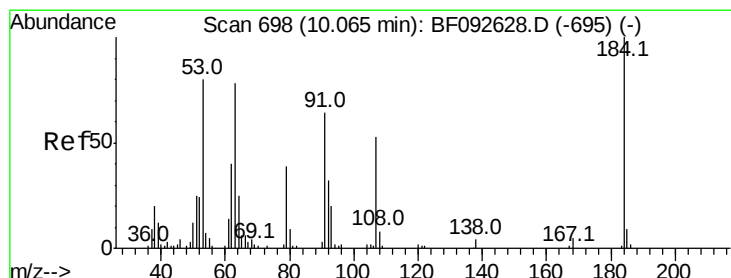
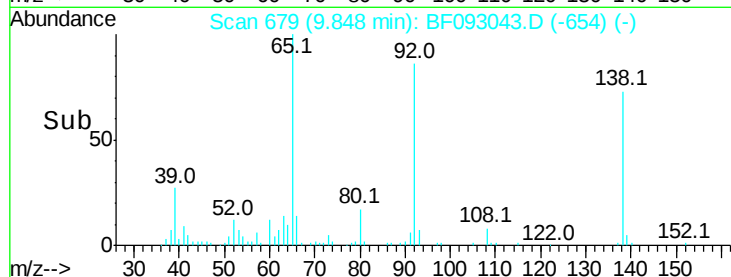
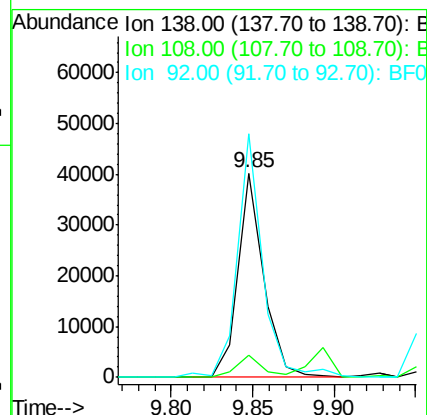
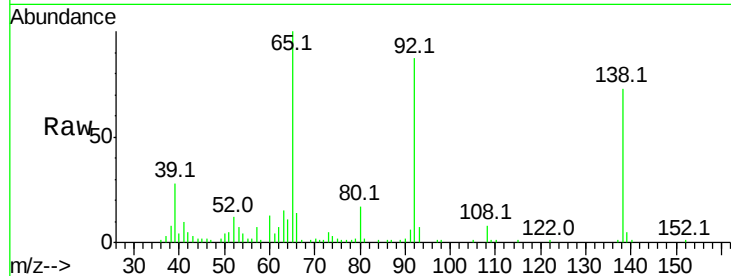
108 10.8 8.5 12.7

92 119.3 97.8 146.8

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#53

2,4-Dinitrophenol

Concen: 105.65 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

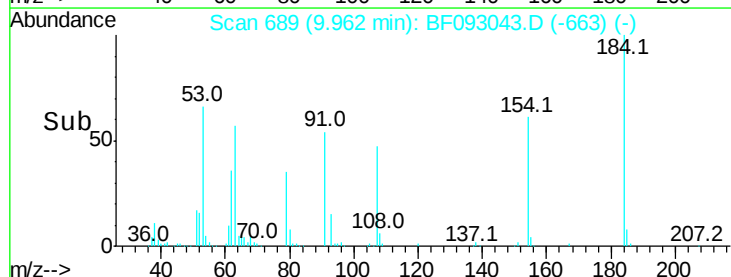
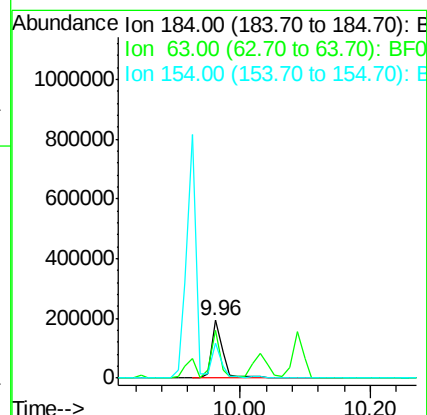
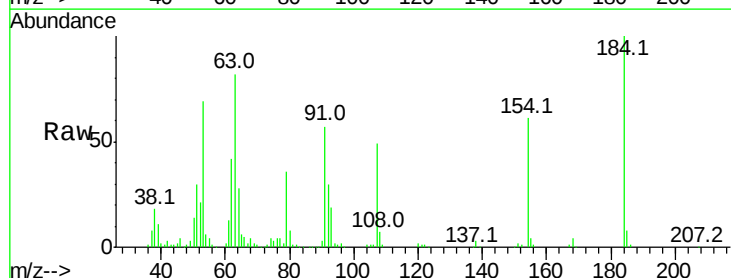
Tgt Ion:184 Resp: 233519

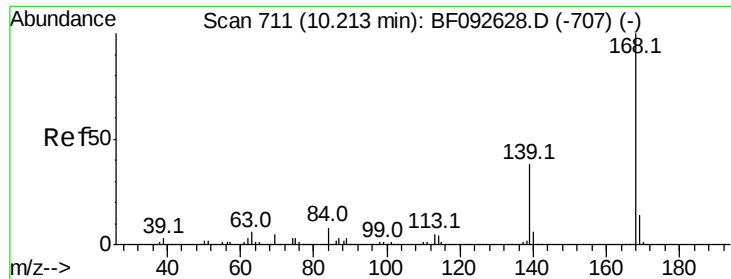
Ion Ratio Lower Upper

184 100

63 82.2 28.4 42.6#

154 61.2 44.3 66.5





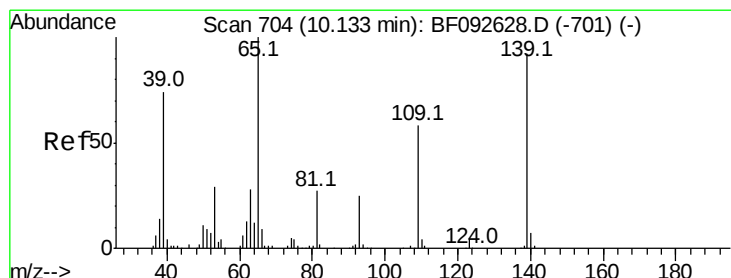
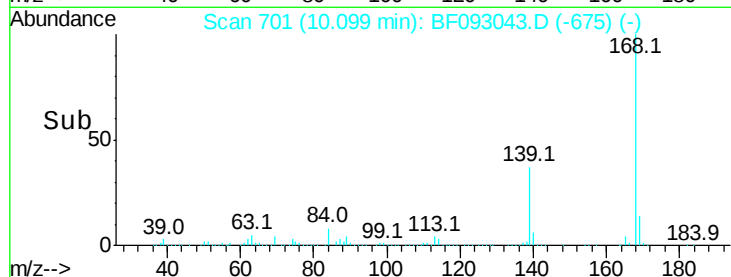
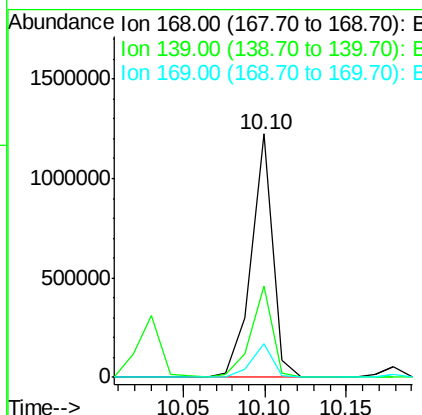
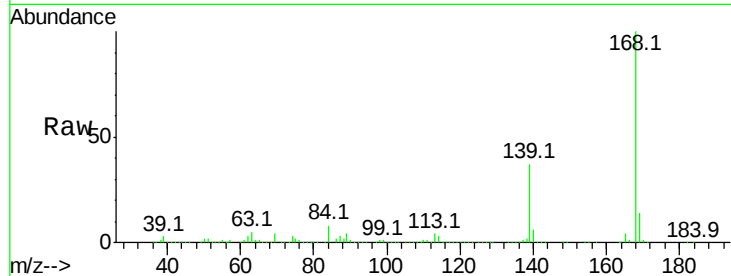
#54  
Dibenzofuran  
Concen: 48.69 ng  
RT: 10.10 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

Tot Ion:168 Resp: 1120923  
Ion Ratio Lower Upper  
168 100  
139 37.3 32.6 49.0  
169 13.6 11.3 16.9

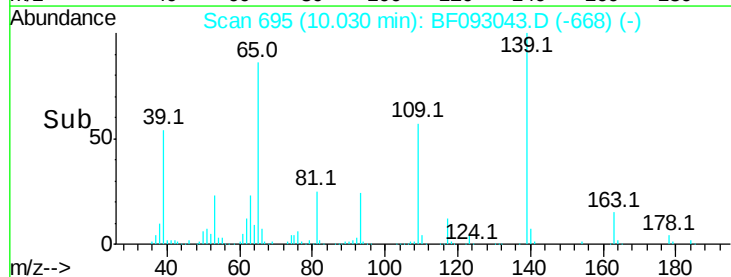
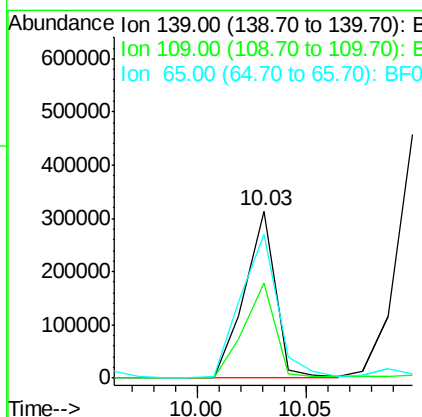
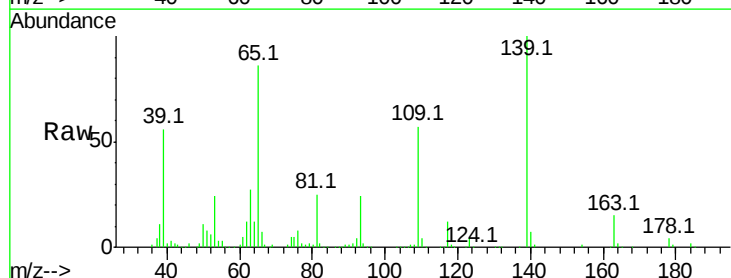
Manual Integrations  
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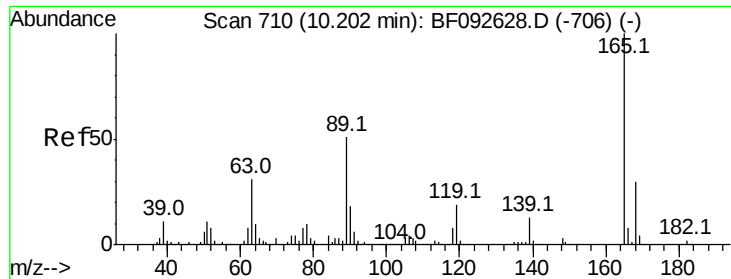
mohammad  
2/21/2017 3:57:36 PM



#55  
4-Nitrophenol  
Concen: 88.47 ng  
RT: 10.03 min Scan# 695  
Delta R.T. 0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Tgt Ion:139 Resp: 312061  
Ion Ratio Lower Upper  
139 100  
109 57.0 52.2 92.2  
65 86.4 85.8 125.8





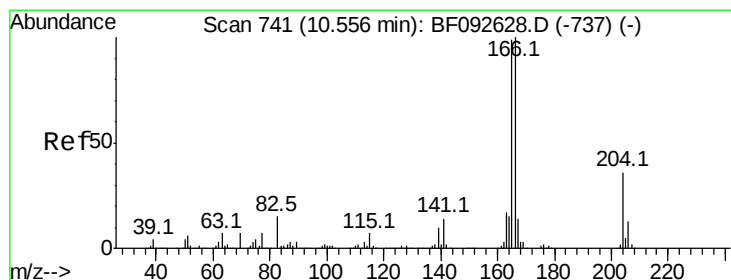
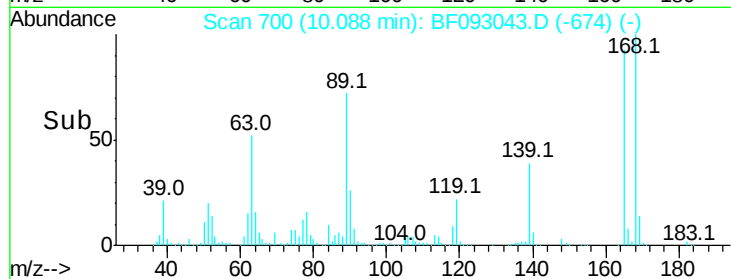
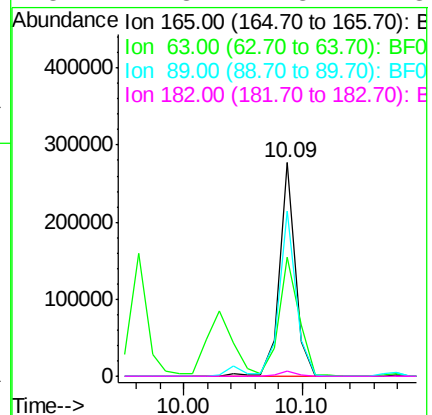
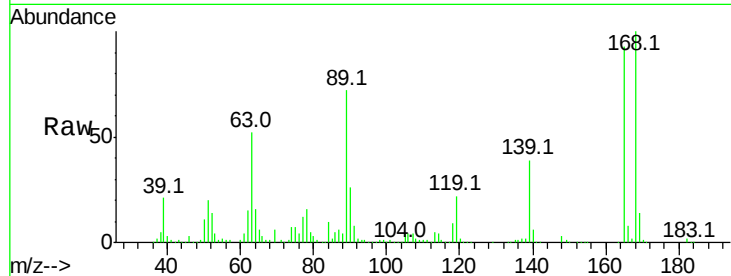
#56  
2,4-Dinitrotoluene  
Concen: 45.33 ng  
RT: 10.09 min Scan# 700  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampled :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 258241 |       |       |
| 63      | 56.0  | 40.2   | 60.4  |       |
| 89      | 77.3  | 62.5   | 93.7  |       |
| 182     | 2.3   | 1.8    | 2.8   |       |

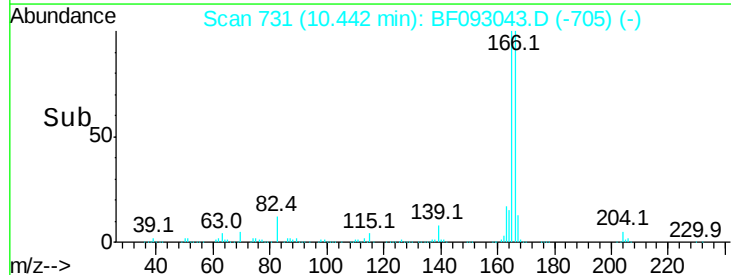
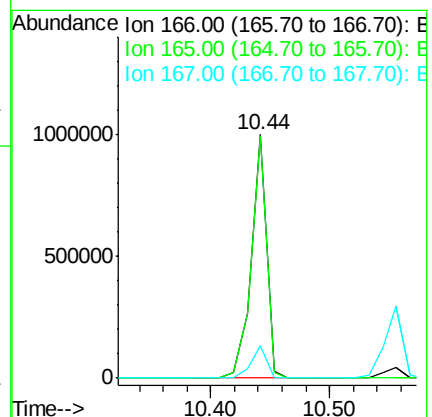
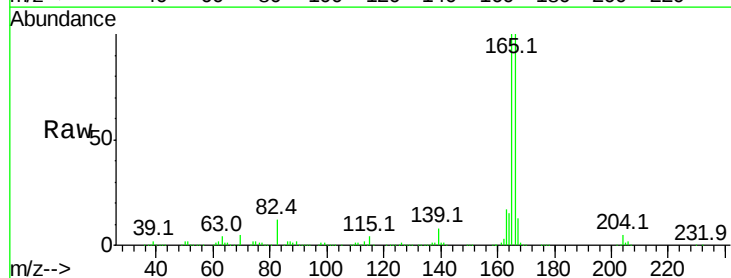
Manual Integrations  
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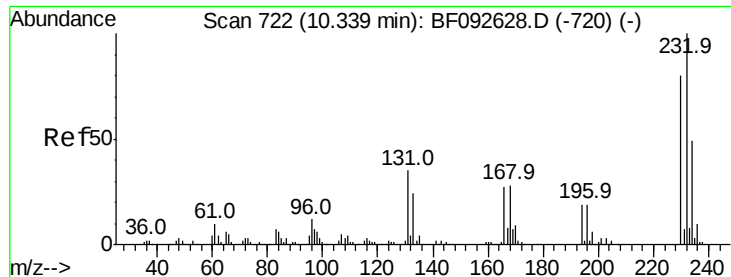
mohammad  
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#57  
Fluorene  
Concen: 51.07 ng  
RT: 10.44 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 904426 |       |       |
| 165     | 99.5  | 77.8   | 116.8 |       |
| 167     | 13.3  | 10.8   | 16.2  |       |





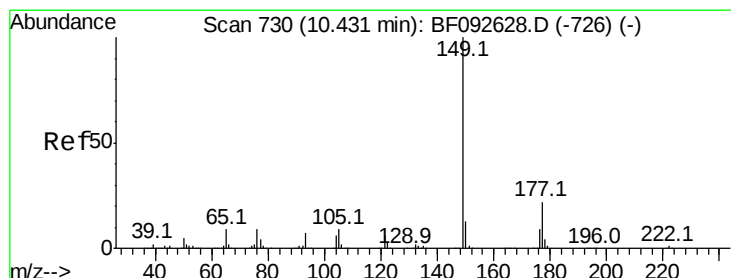
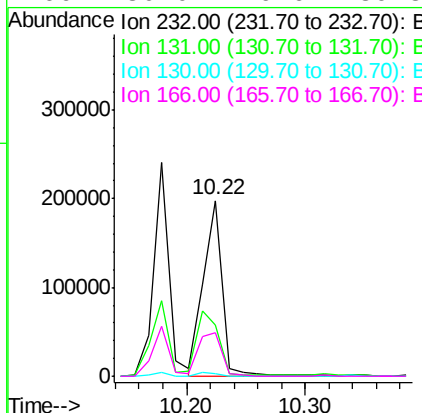
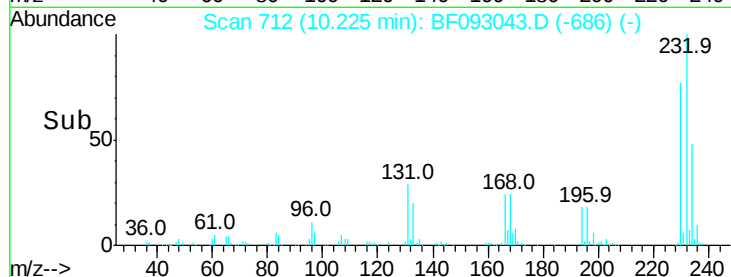
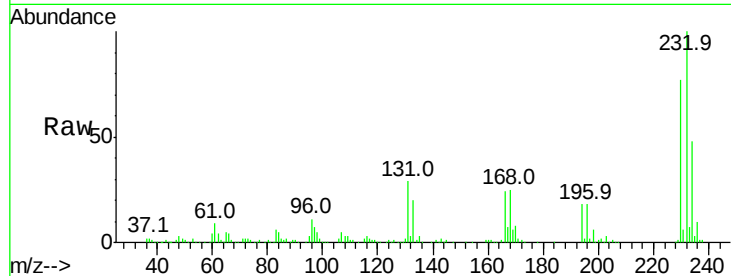
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 55.40 ng  
 RT: 10.22 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 219732 |       |       |
| 131     | 45.3  |        | 40.1  | 60.1  |
| 130     | 2.3   |        | 1.8   | 2.8   |
| 166     | 30.0  |        | 26.6  | 39.8  |

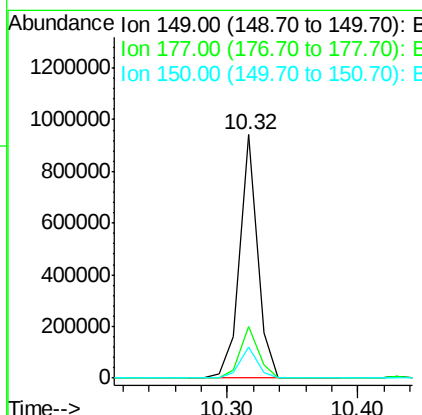
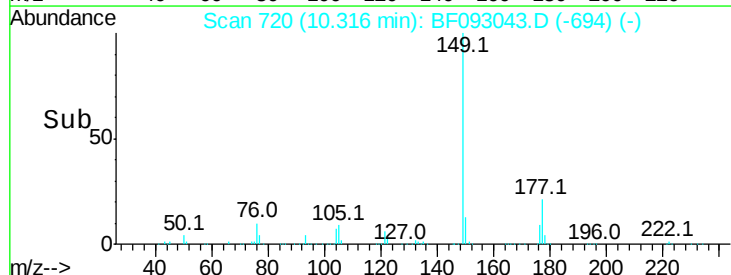
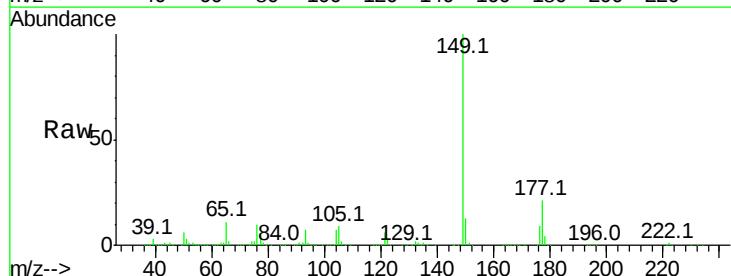
Manual Integrations  
 APPROVED

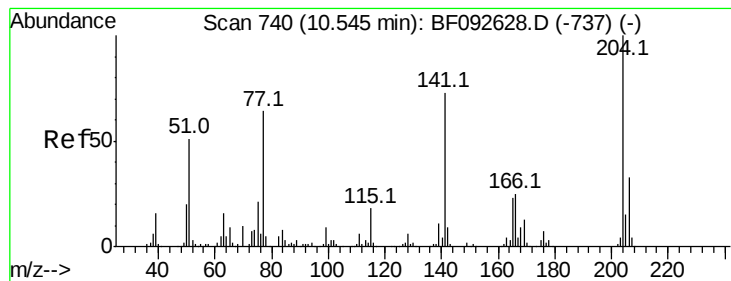
mohammad  
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#59  
 Diethylphthalate  
 Concen: 47.57 ng  
 RT: 10.32 min Scan# 720  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 888372 |       |       |
| 177     | 21.2  |        | 16.6  | 25.0  |
| 150     | 12.9  |        | 10.4  | 15.6  |





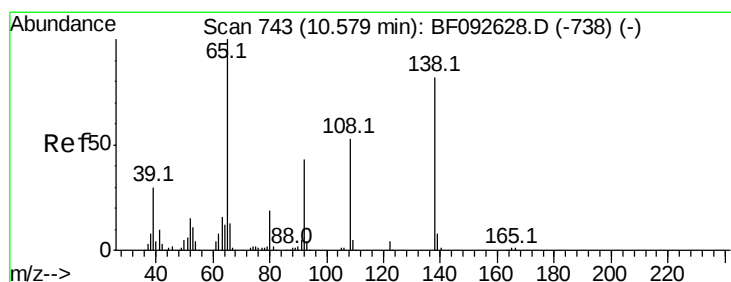
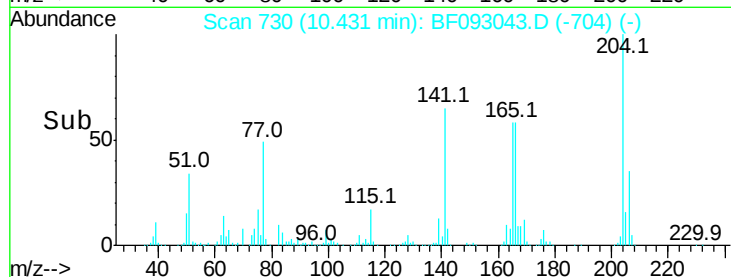
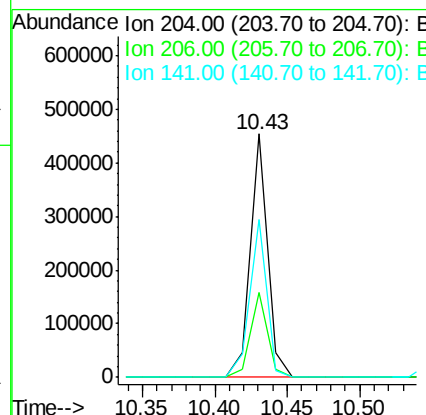
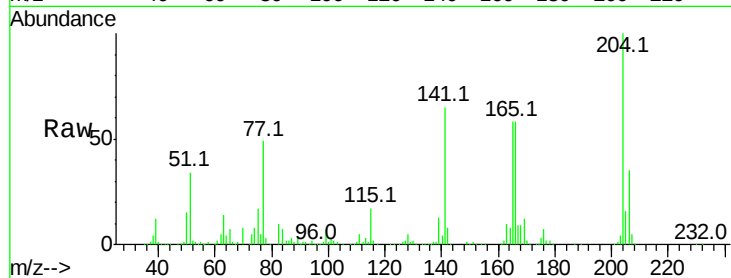
#60  
4-Chlorophenyl-phenylether  
Concen: 44.17 ng  
RT: 10.43 min Scan# 730  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampled :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.8  | 25.8  | 38.6  |
| 141     | 65.1  | 59.4  | 89.0  |

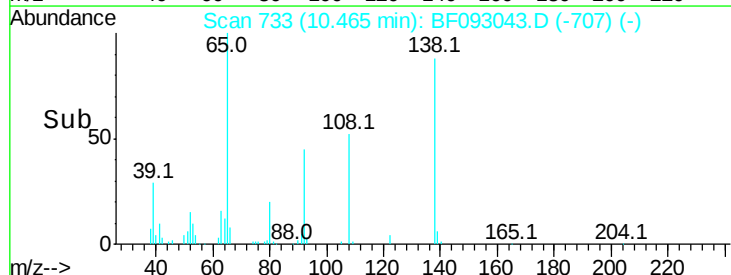
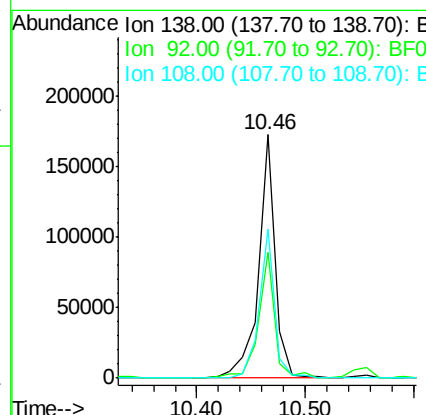
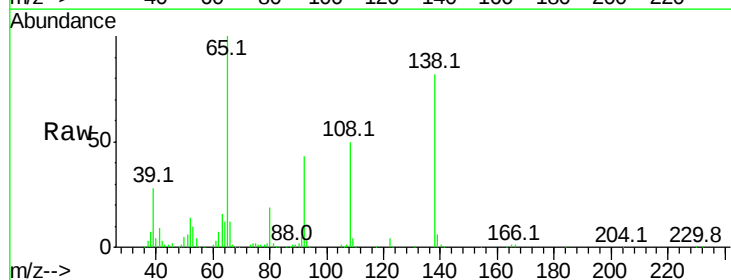
Manual Integrations  
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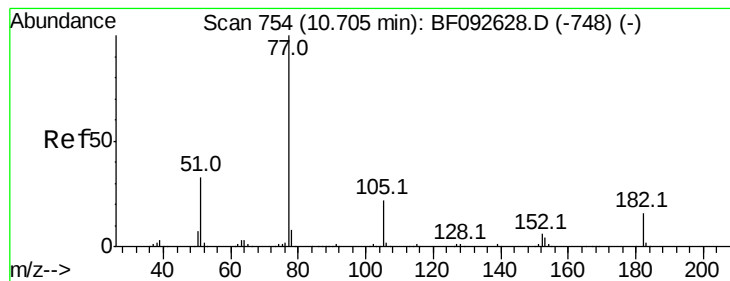
mohammad  
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#61  
4-Nitroaniline  
Concen: 36.95 ng  
RT: 10.46 min Scan# 733  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.8  | 31.7  | 71.7  |
| 108     | 61.4  | 52.6  | 92.6  |





#62

Azobenzene

Concen: 53.31 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

B1-2MS

Tot Ion: 77 Resp: 1028590

Ion Ratio Lower Upper

77 100

182 21.6 0.0 39.3

105 23.5 2.3 42.3

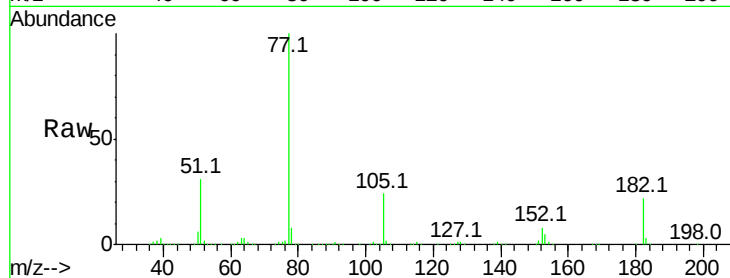
51 30.9 8.9 48.9

Manual Integrations

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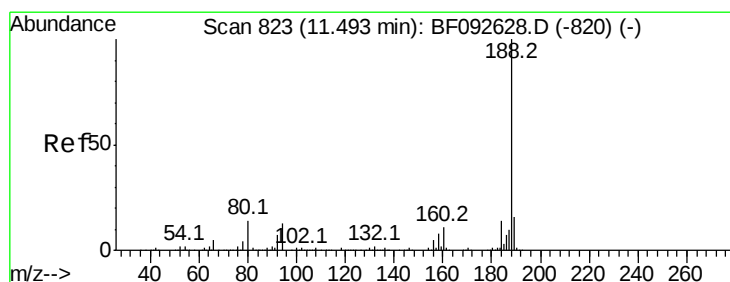
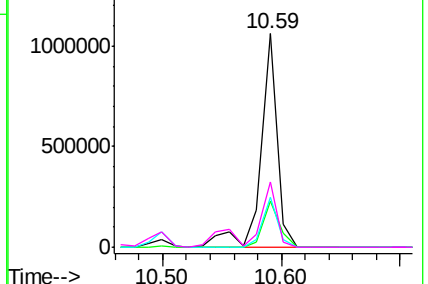
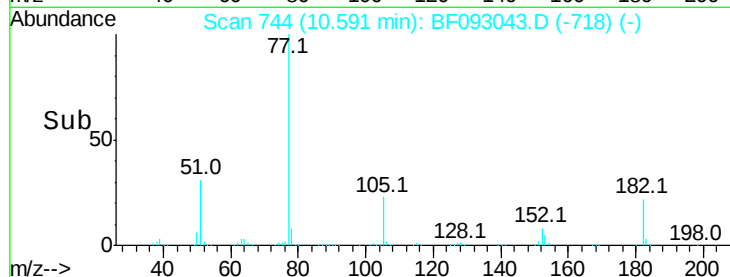


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

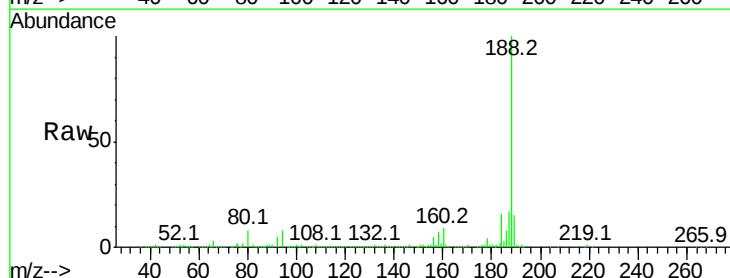
Tgt Ion: 188 Resp: 508982

Ion Ratio Lower Upper

188 100

94 8.1 10.0 15.0#

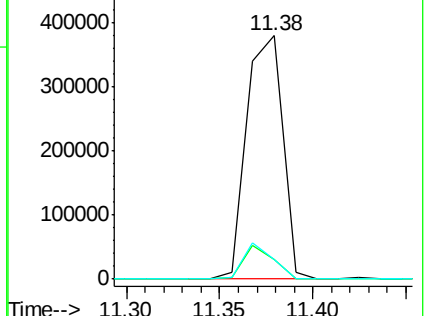
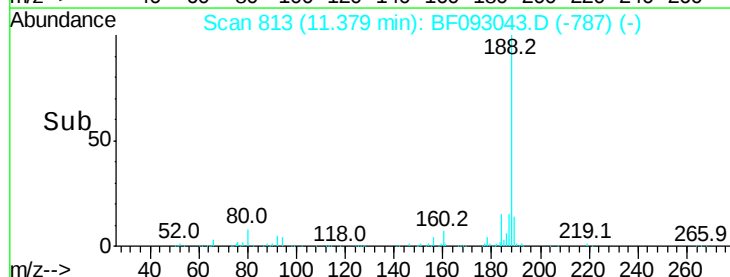
80 8.3 11.2 16.8#

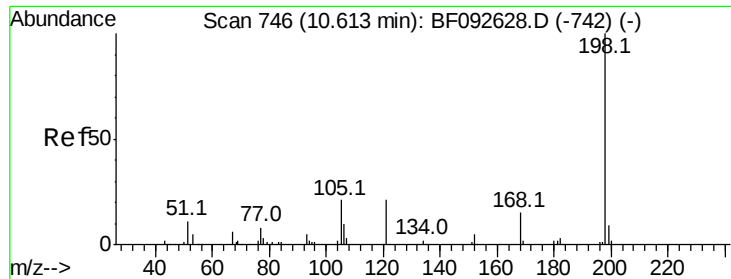


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 53.87 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

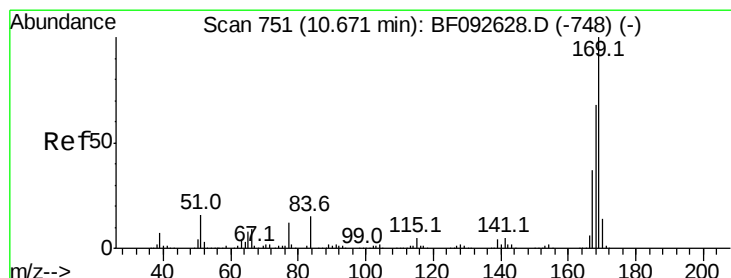
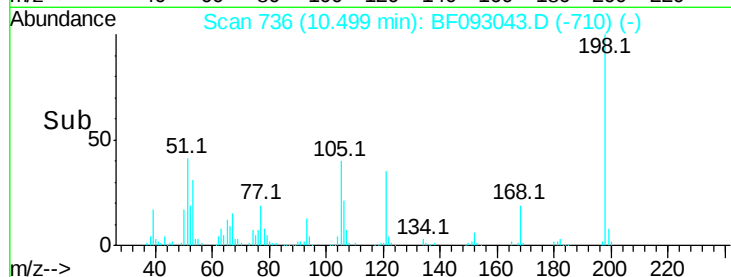
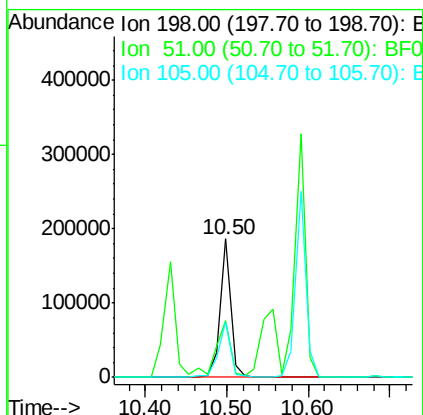
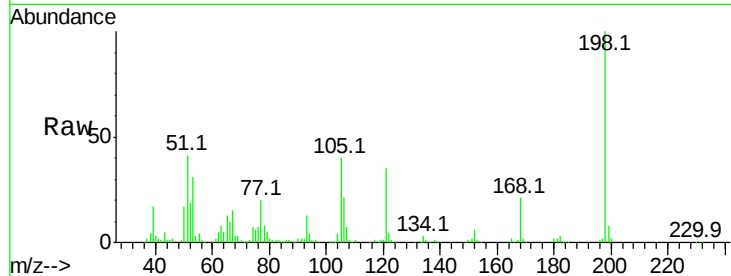
ClientSampled :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 167979 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 40.7  | 6.7   | 46.7   |
| 105       | 40.3  | 16.6  | 56.6   |

Manual Integrations  
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#65

n-Nitrosodiphenylamine

Concen: 49.74 ng

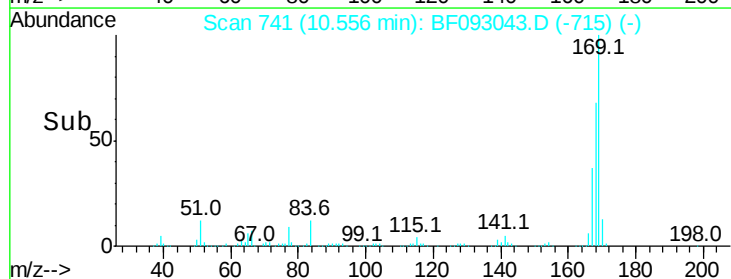
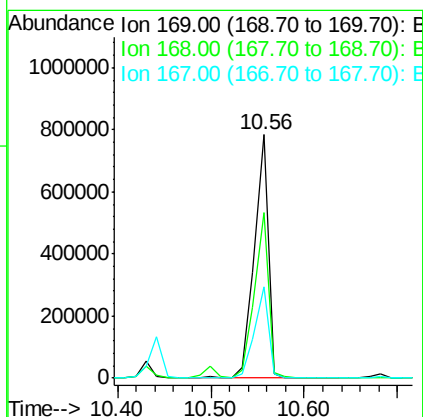
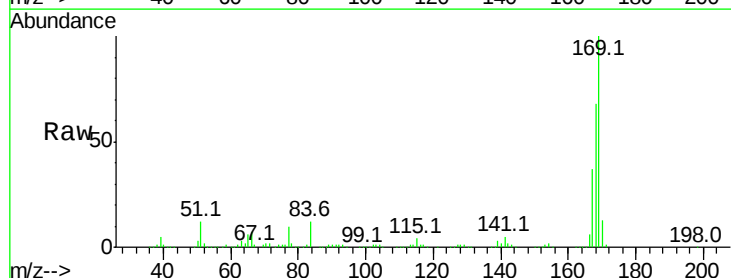
RT: 10.56 min Scan# 741

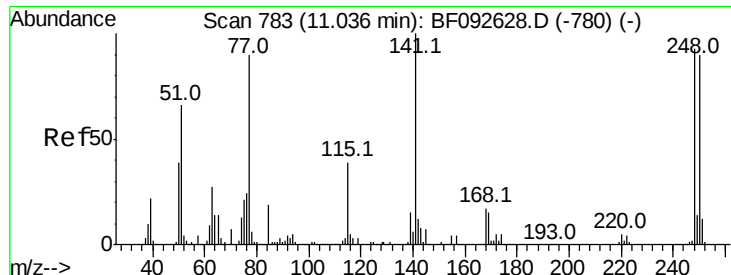
Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 808670 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.9  | 54.2  | 81.2   |
| 167       | 37.5  | 30.2  | 45.4   |





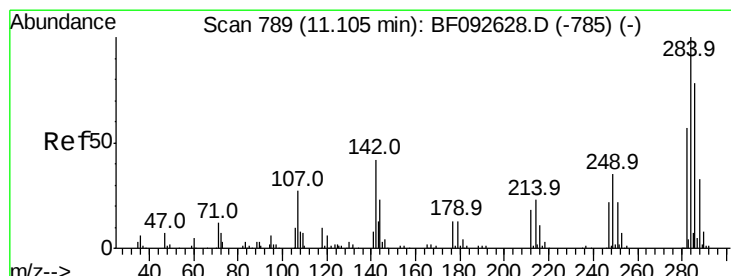
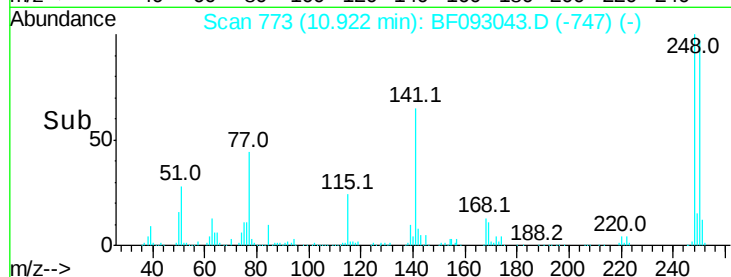
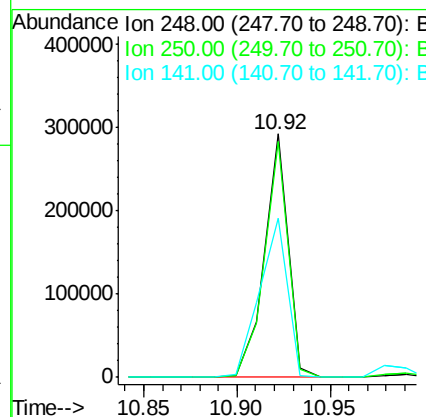
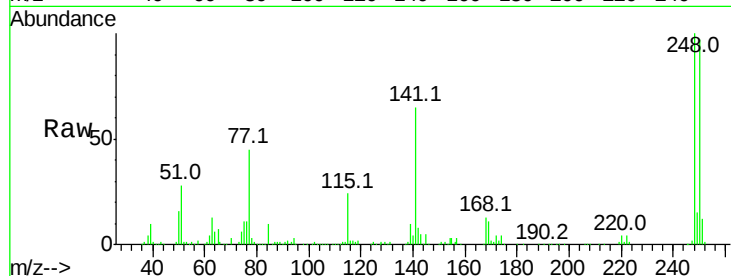
#66  
4-Bromophenyl-phenylether  
Concen: 48.01 ng  
RT: 10.92 min Scan# 773  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 96.8  | 76.9  | 115.3  |
| 141     | 65.4  | 68.2  | 102.4# |

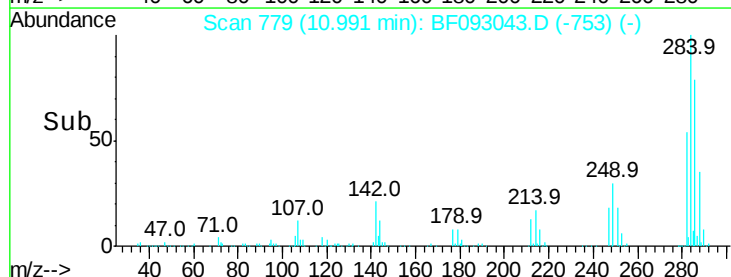
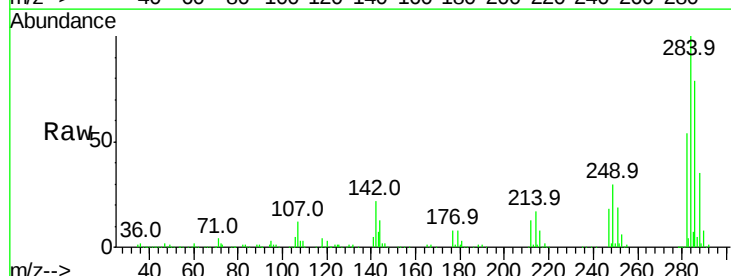
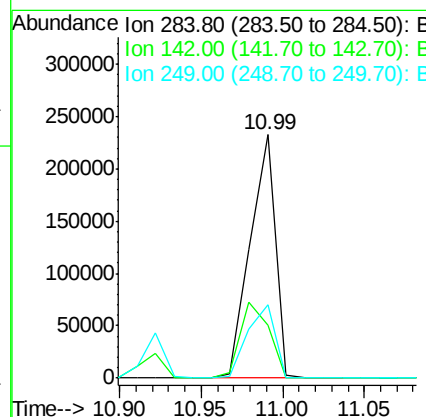
Manual Integrations  
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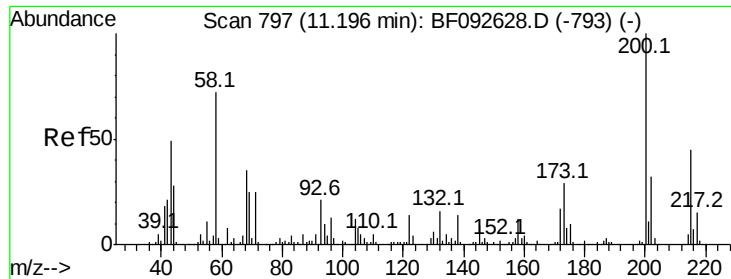
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#67  
Hexachlorobenzene  
Concen: 47.55 ng  
RT: 10.99 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 21.8  | 22.6  | 33.8# |
| 249     | 30.2  | 25.4  | 38.0  |





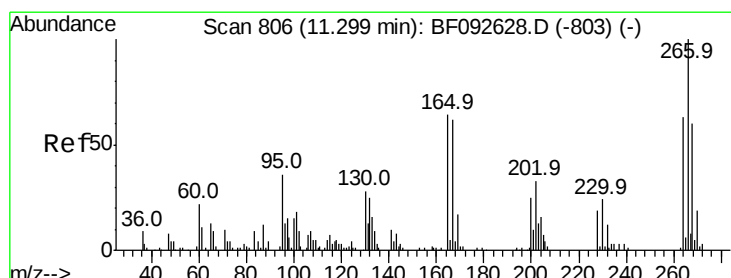
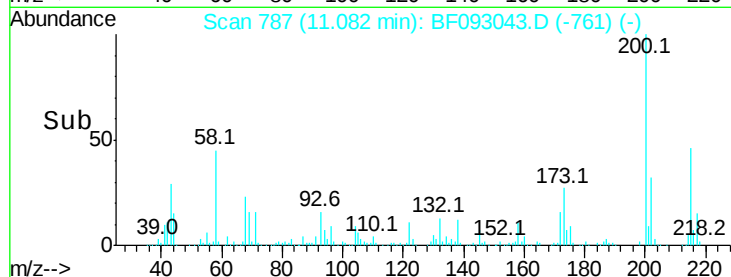
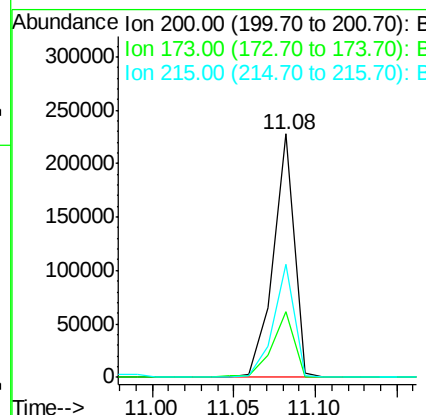
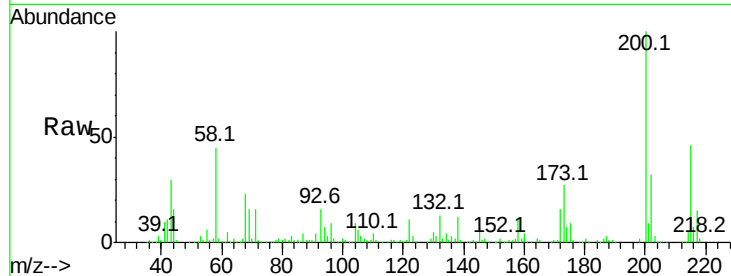
#68  
Atrazine  
Concen: 39.48 ng  
RT: 11.08 min Scan# 787  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.1  | 9.6        | 49.6  |
| 215     | 46.4  | 25.7       | 65.7  |

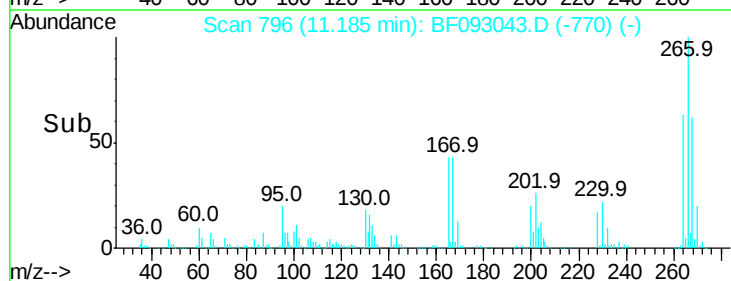
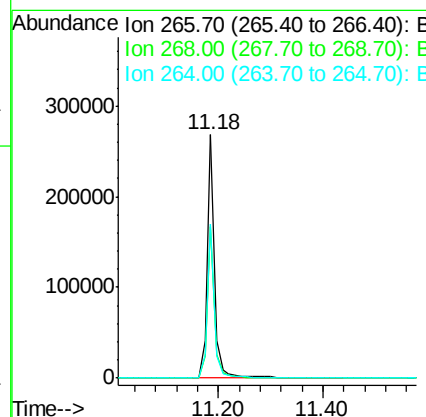
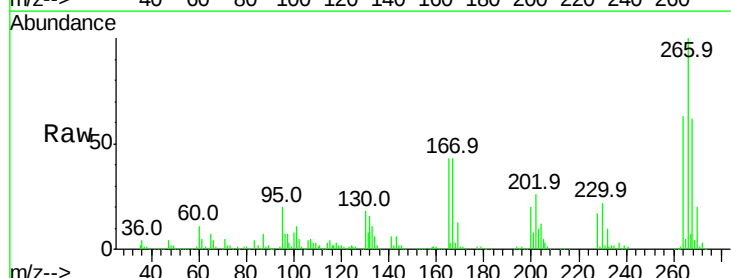
Manual Integrations  
APPROVED

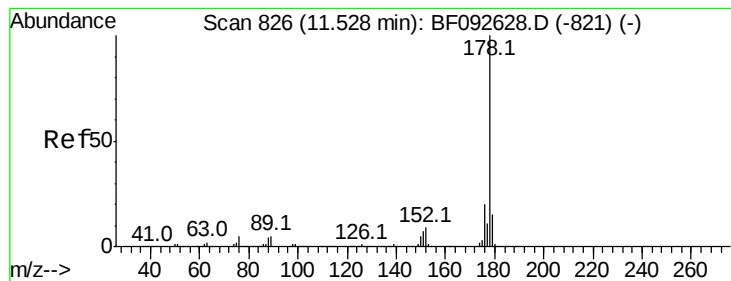
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2/21/2017 3:57:36 PM



#69  
Pentachlorophenol  
Concen: 95.91 ng  
RT: 11.18 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 62.2  | 53.3       | 79.9  |
| 264     | 63.2  | 50.3       | 75.5  |





#70

Phenanthrene

Concen: 46.04 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

B1-2MS

Tot Ion:178 Resp: 1342470

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

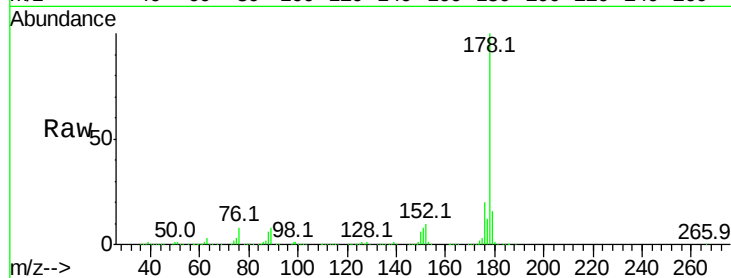
179 15.6 12.8 19.2

Manual Integrations

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mohammad

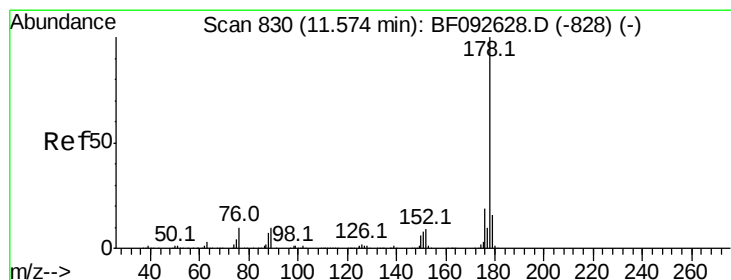
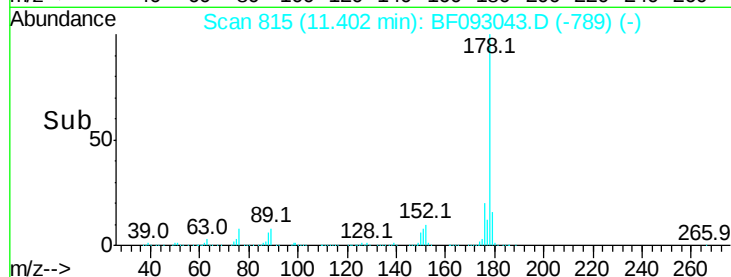
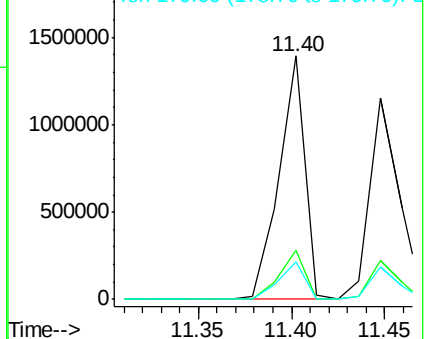
2/21/2017 3:57:36 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.94 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

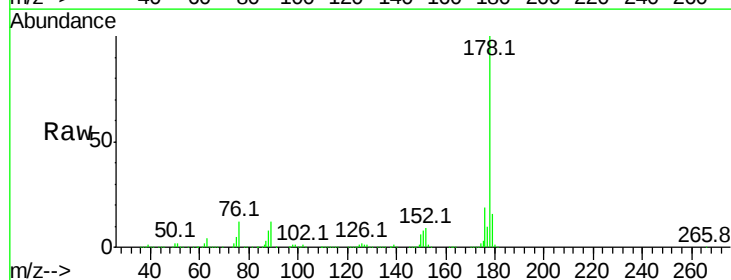
Tgt Ion:178 Resp: 1228227

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

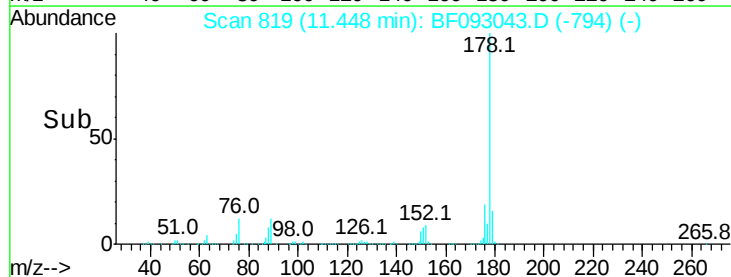
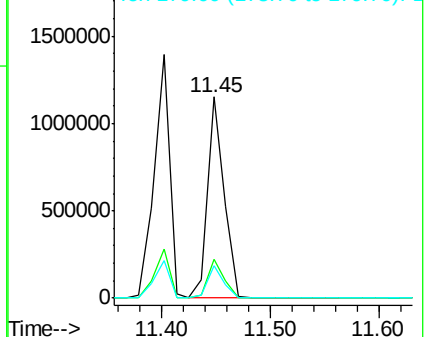
179 15.8 13.2 19.8

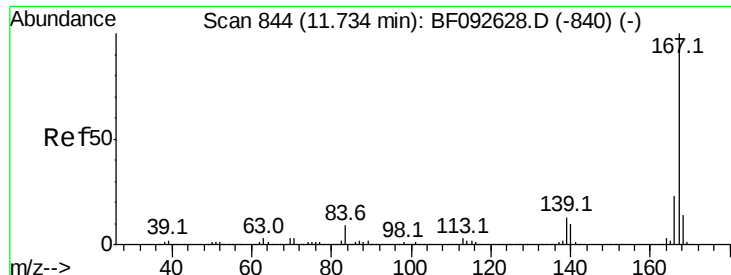


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72  
 Carbazole  
 Concen: 40.61 ng  
 RT: 11.61 min Scan# 833  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

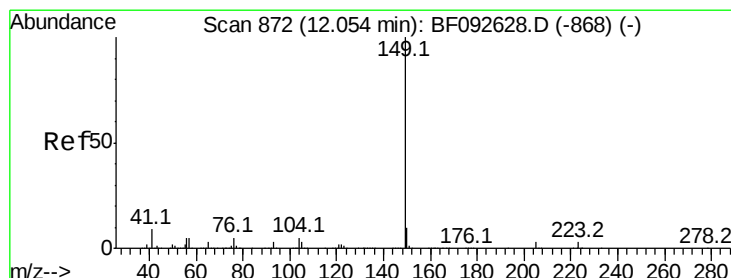
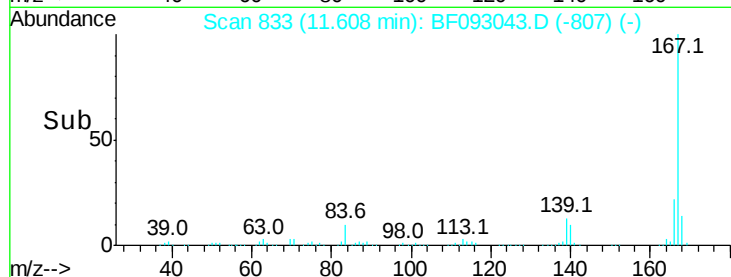
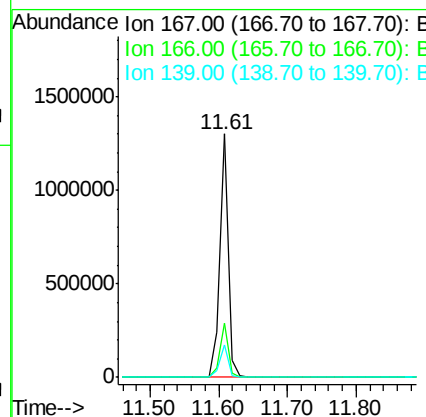
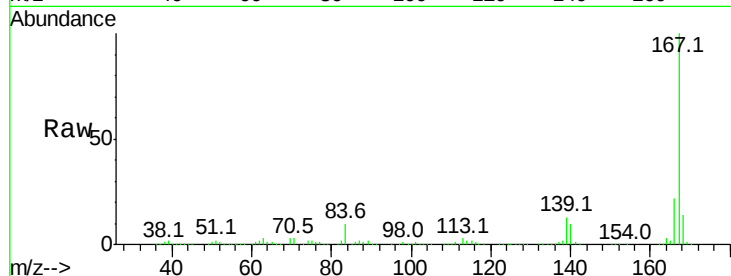
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

Tot Ion:167 Resp: 1136914  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 18.2  | 27.2  |
| 139 | 13.3  | 11.4  | 17.2  |

Manual Integrations  
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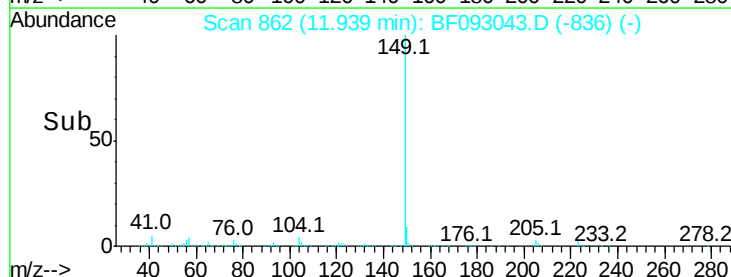
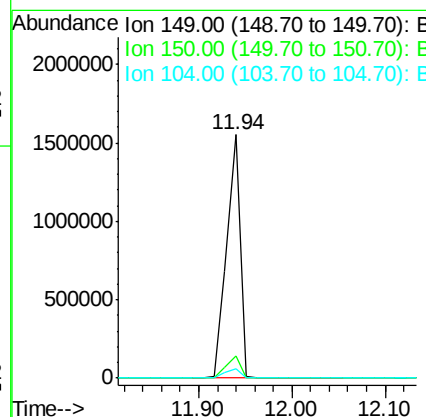
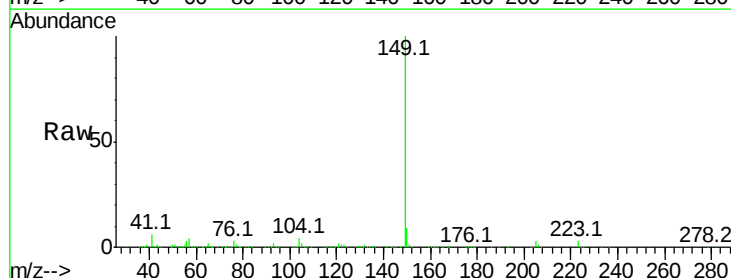
mohammad  
 2/21/2017 3:57:36 PM

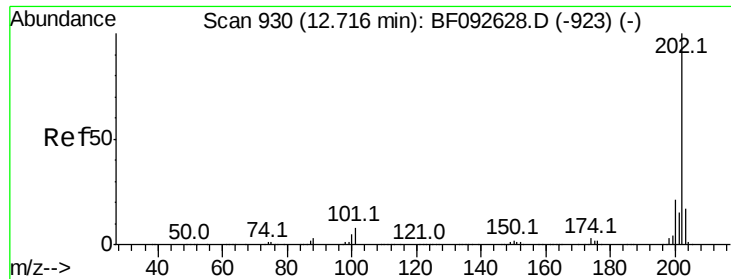


#73  
 Di-n-butylphthalate  
 Concen: 51.31 ng  
 RT: 11.94 min Scan# 862  
 Delta R.T. -0.00 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Tgt Ion:149 Resp: 1553296  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 8.1   | 12.1  |
| 104 | 3.9   | 4.6   | 7.0#  |





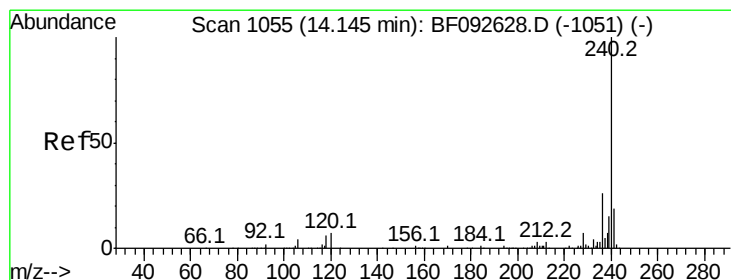
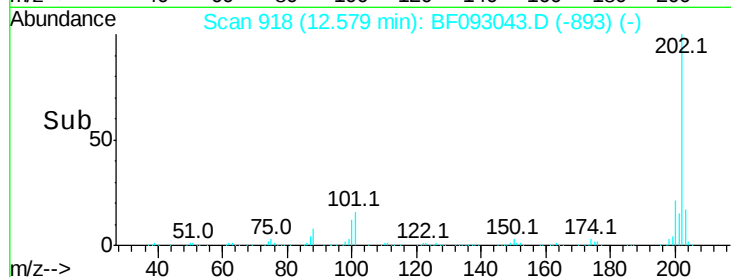
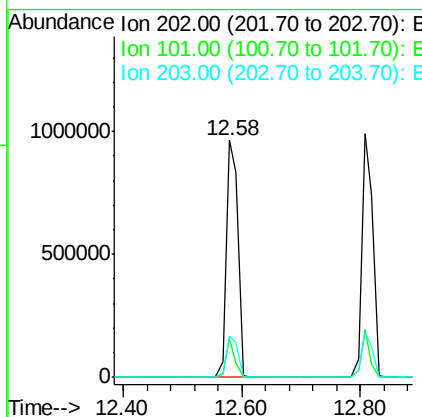
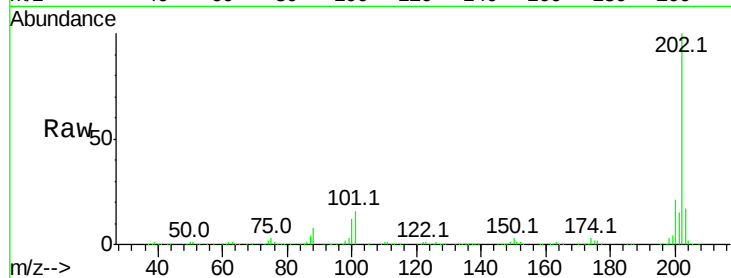
#74  
**Fluoranthene**  
 Concen: 43.05 ng  
 RT: 12.58 min Scan# 918  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampled :  
 B1-2MS

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1294899 |       |       |
| 101     | 16.4  |         | 0.0   | 34.6  |
| 203     | 17.2  |         | 0.0   | 38.7  |

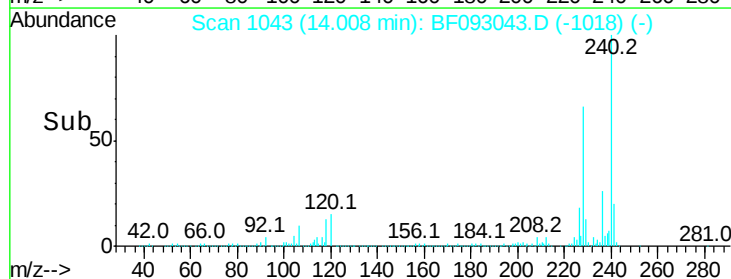
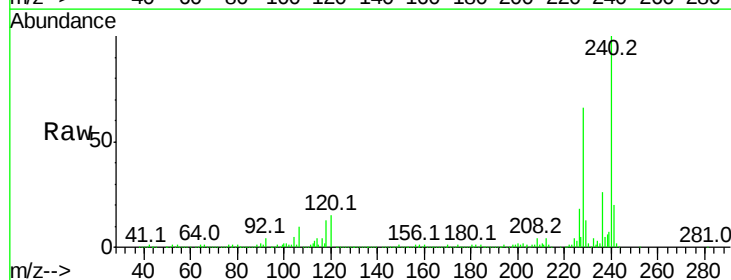
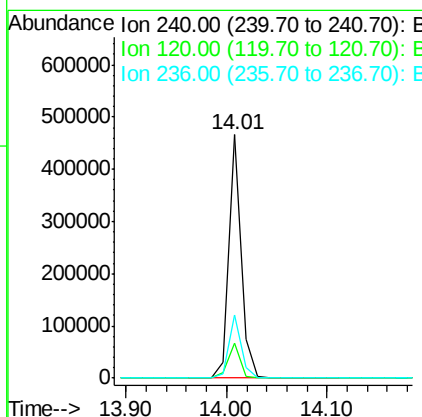
Manual Integrations  
 APPROVED

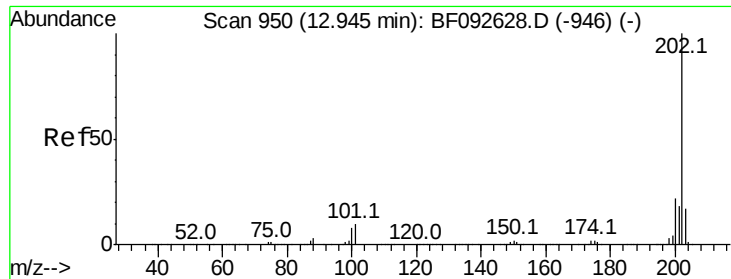
mohammad  
 2/21/2017 3:57:36 PM



#75  
**Chrysene-d12**  
 Concen: 20.00 ng  
 RT: 14.01 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 397047 |       |       |
| 120     | 14.6  |        | 12.9  | 19.3  |
| 236     | 25.7  |        | 20.9  | 31.3  |





#77

Pvrene

Concen: 42.04 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

ClientSampleId :

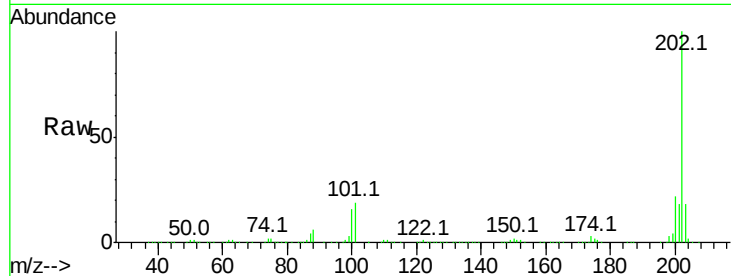
B1-2MS

Tot Ion:202 Resp: 1249174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.9  | 17.7  | 26.5  |
| 203 | 18.3  | 14.7  | 22.1  |

Manual Integrations  
APPROVED

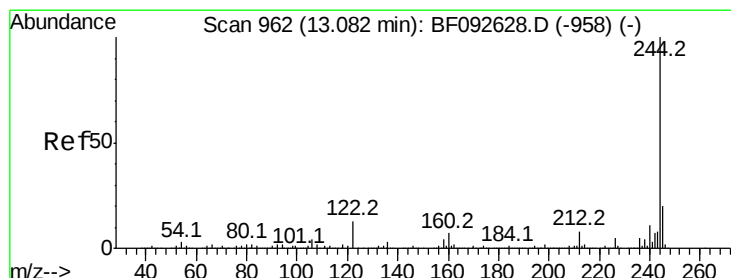
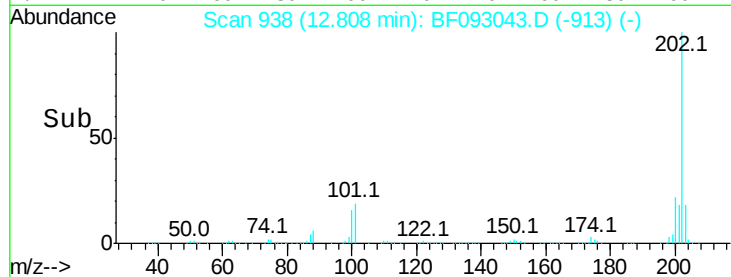
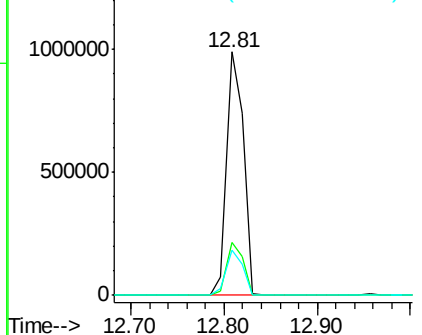
mohammad  
2/21/2017 3:57:36 PM



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



#78

Terphenyl-d14

Concen: 80.08 ng

RT: 12.96 min Scan# 951

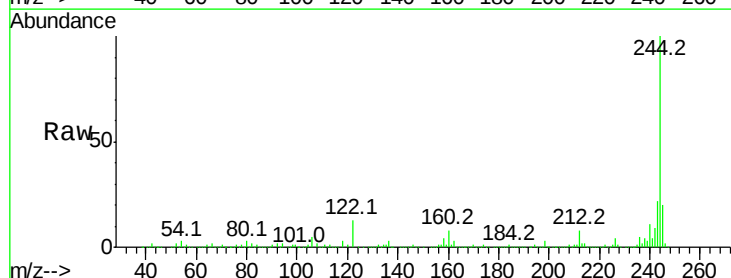
Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Tgt Ion:244 Resp: 1353203

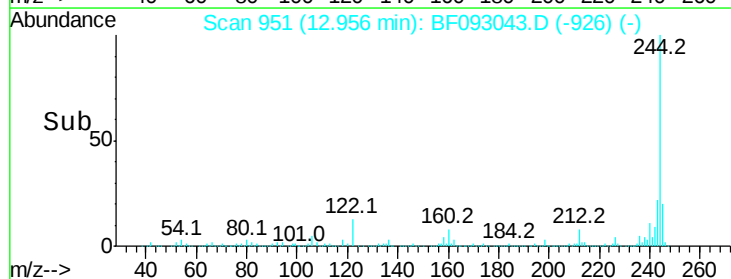
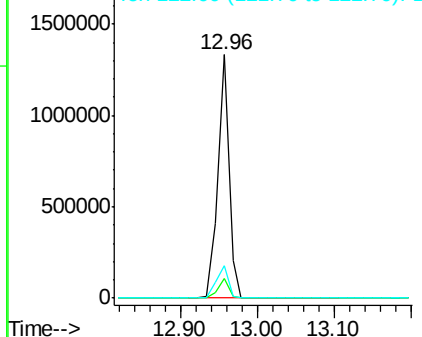
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 6.2   | 9.2   |
| 122 | 13.2  | 11.4  | 17.2  |

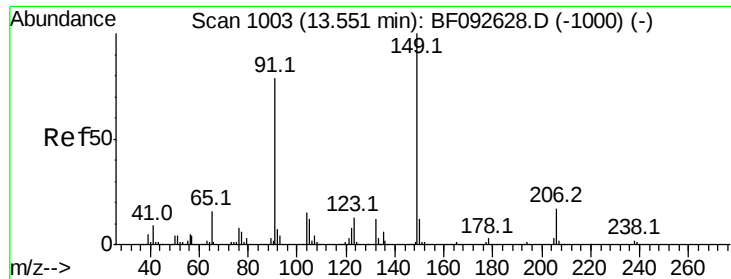


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





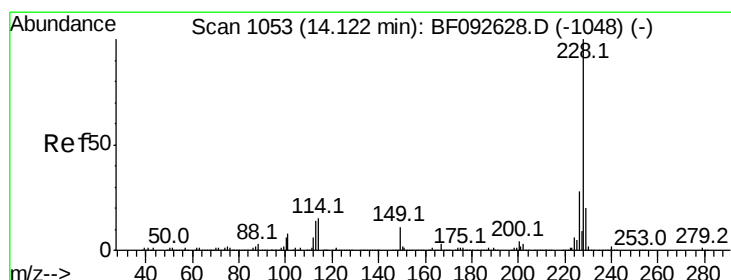
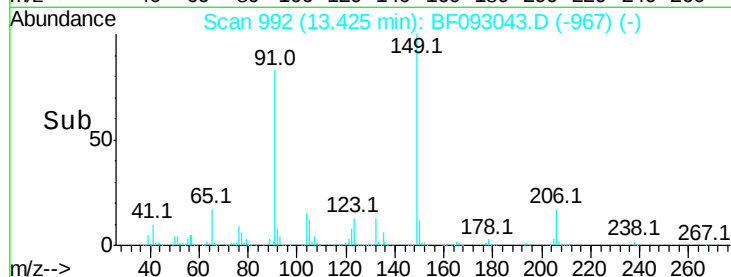
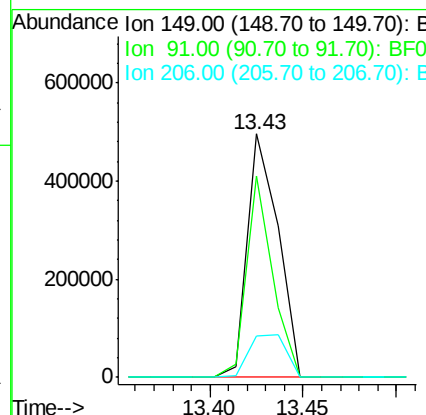
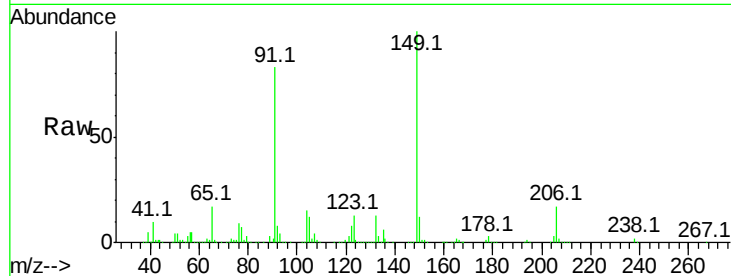
#79  
Butylbenzylphthalate  
Concen: 47.19 ng  
RT: 13.43 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 569411 |       |       |
| 91      | 83.0  | 63.9   | 95.9  |       |
| 206     | 16.8  | 14.6   | 21.8  |       |

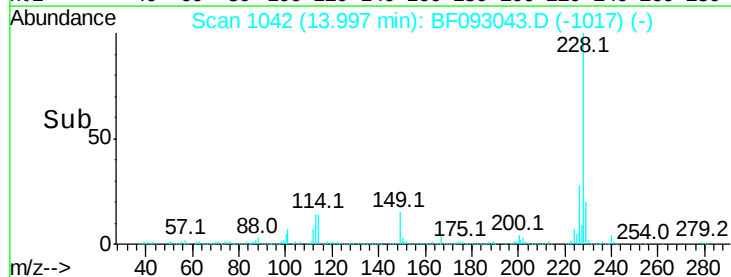
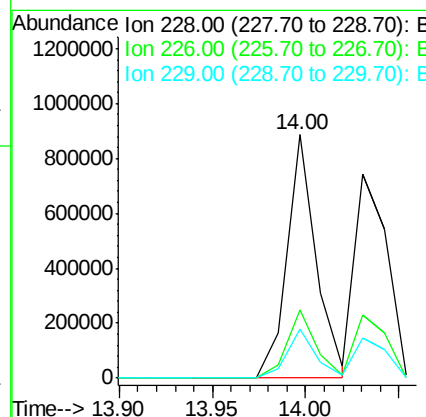
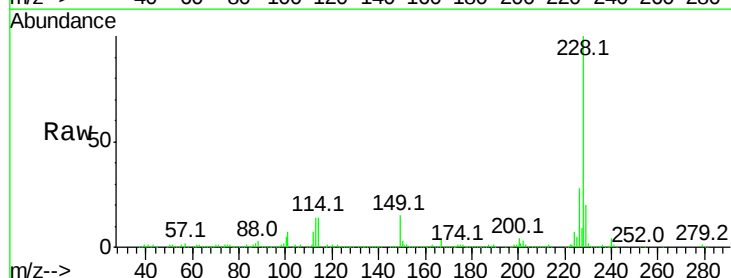
Manual Integrations  
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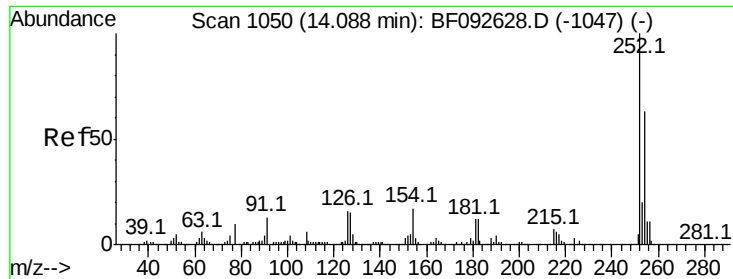
mohammad  
2/21/2017 3:57:36 PM



#80  
Benzo(a)anthracene  
Concen: 39.74 ng  
RT: 14.00 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 965062 |       |       |
| 226     | 28.2  | 22.4   | 33.6  |       |
| 229     | 19.9  | 16.2   | 24.4  |       |





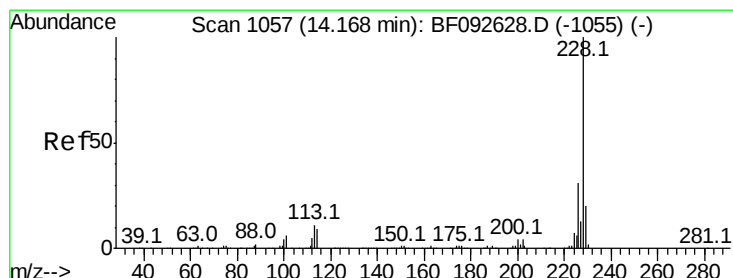
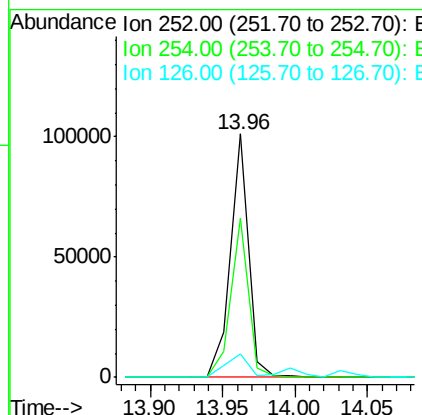
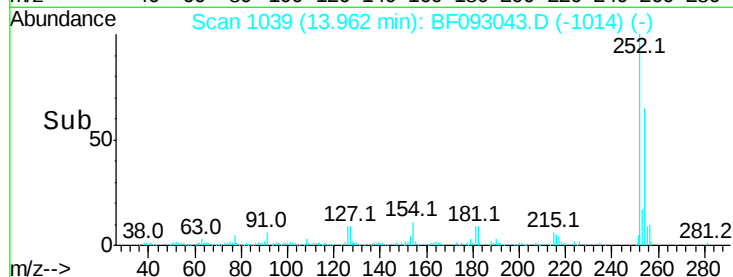
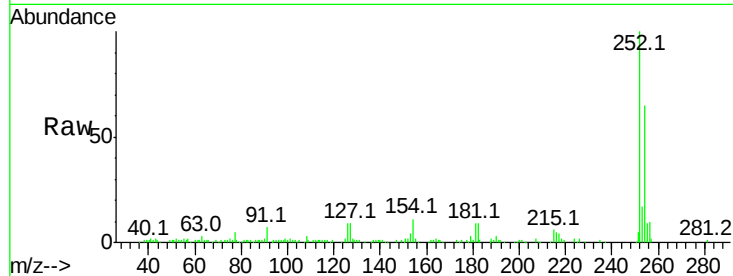
#81  
 3,3'-Dichlorobenzidine  
 Concen: 10.12 ng  
 RT: 13.96 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.1  | 52.3       | 78.5  |
| 126     | 9.5   | 13.6       | 20.4  |

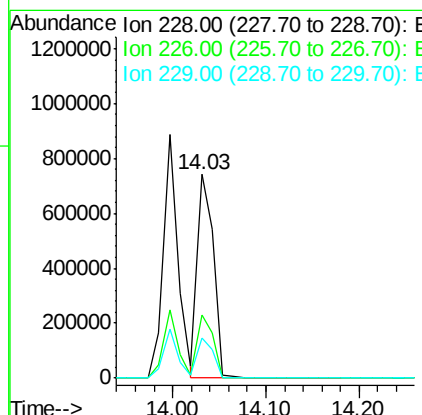
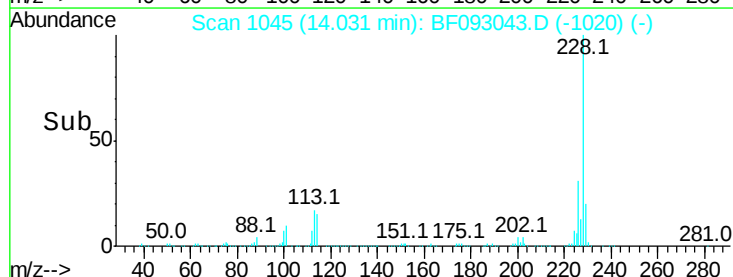
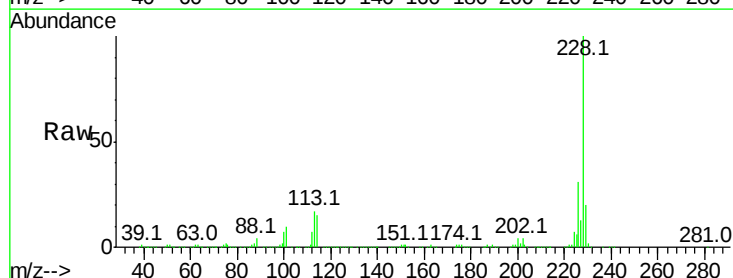
Manual Integrations  
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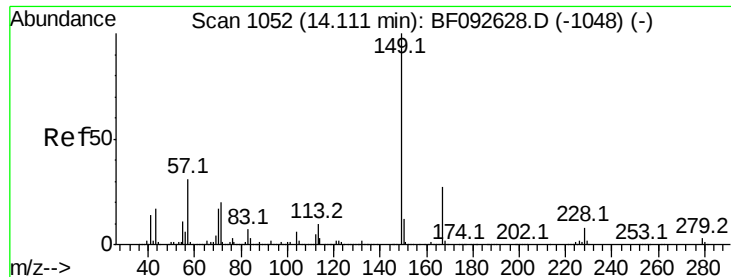
mohammad  
 2/21/2017 3:57:36 PM



#82  
 Chrysene  
 Concen: 39.58 ng  
 RT: 14.03 min Scan# 1045  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.8  | 25.4       | 38.0  |
| 229     | 19.9  | 16.2       | 24.2  |





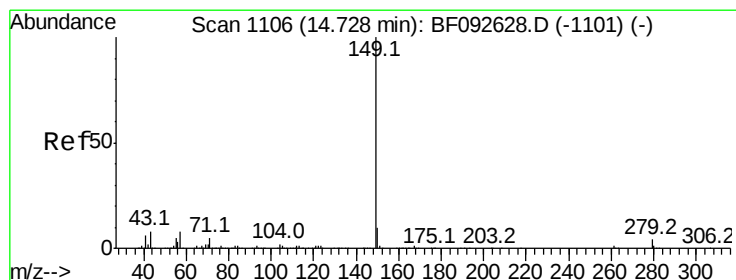
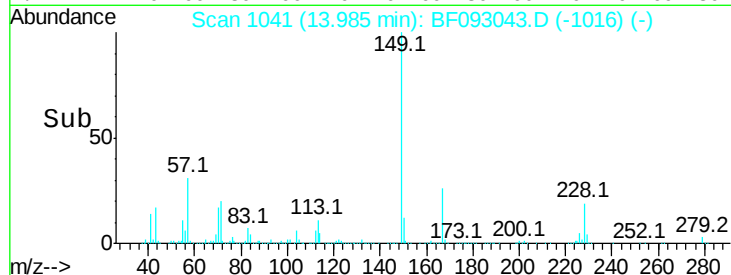
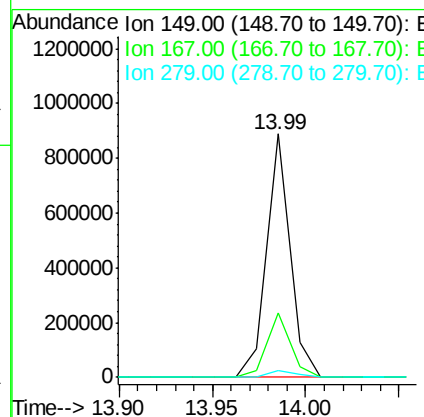
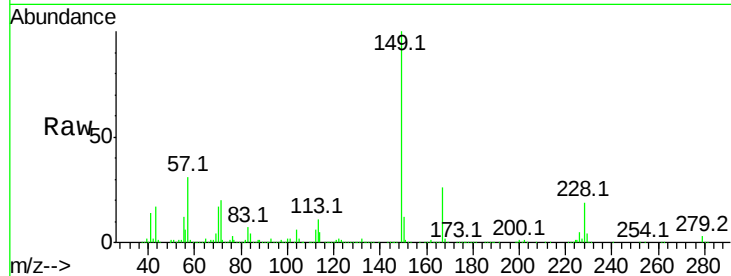
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.85 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.4  | 20.2  | 30.4  |
| 279     | 2.6   | 1.8   | 2.8   |

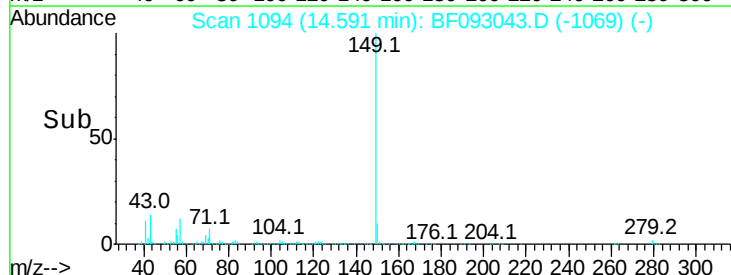
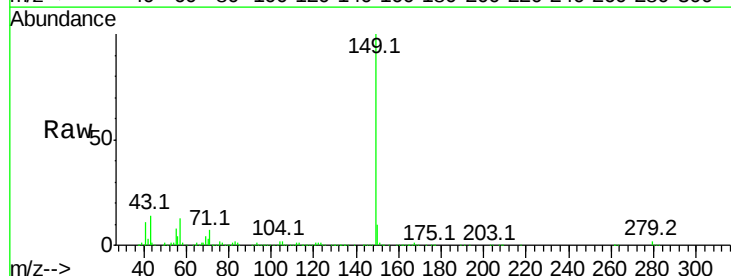
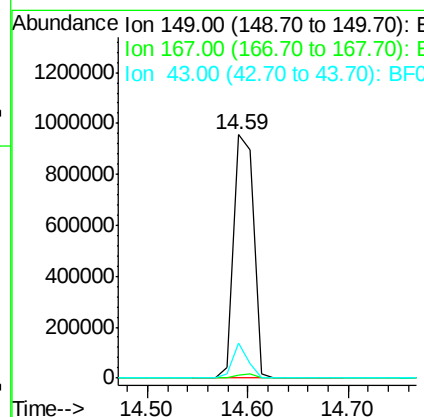
Manual Integrations  
 APPROVED

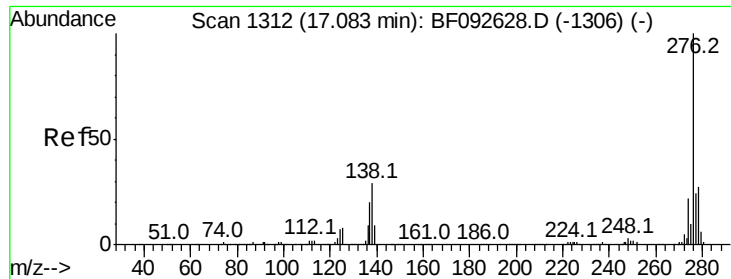
mohammad  
 2/21/2017 3:57:36 PM



#84  
 Di-n-octyl phthalate  
 Concen: 48.79 ng  
 RT: 14.59 min Scan# 1094  
 Delta R.T. -0.01 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 10.8  | 8.9   | 13.3  |





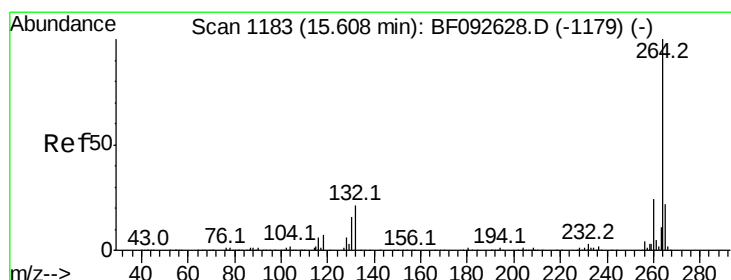
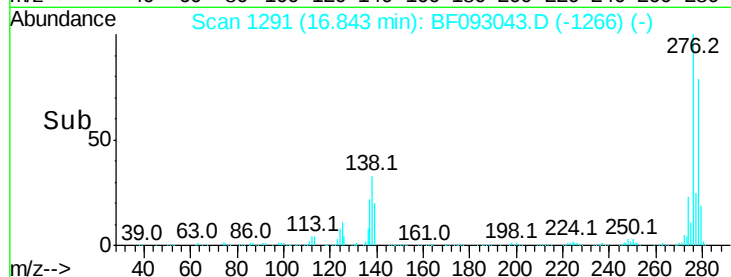
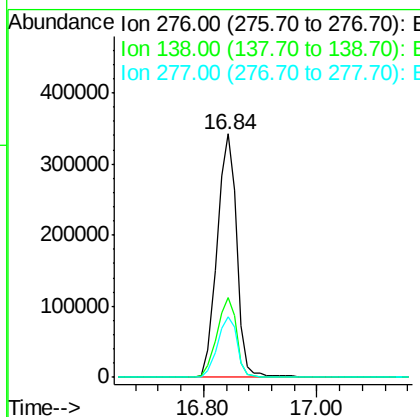
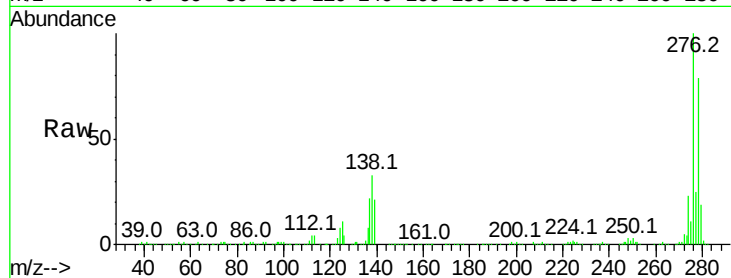
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 46.67 ng  
RT: 16.84 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.9  | 21.8  | 32.6# |
| 277     | 25.2  | 20.2  | 30.4  |

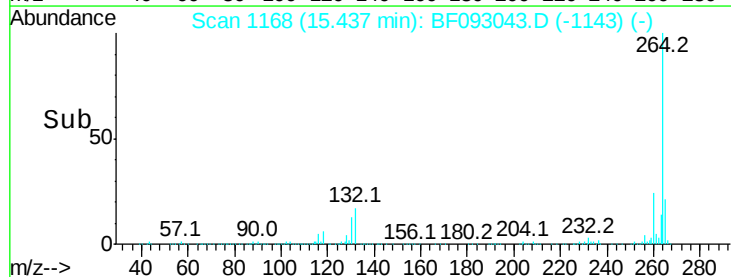
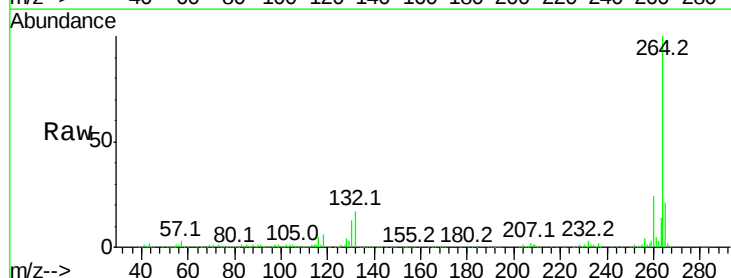
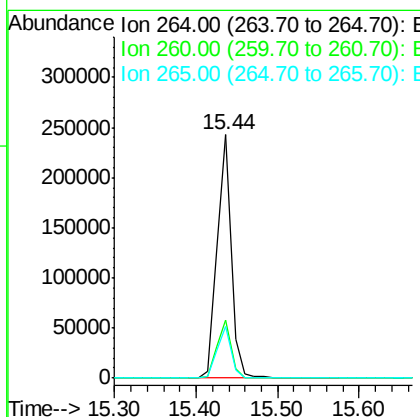
Manual Integrations  
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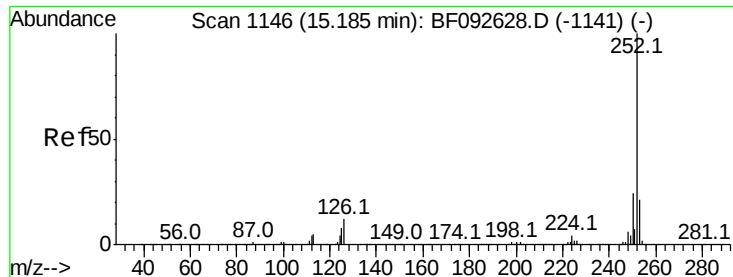
mohammad  
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.44 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.1  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 41.41 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA\_F

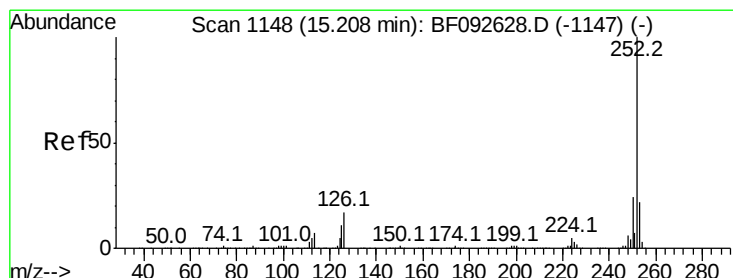
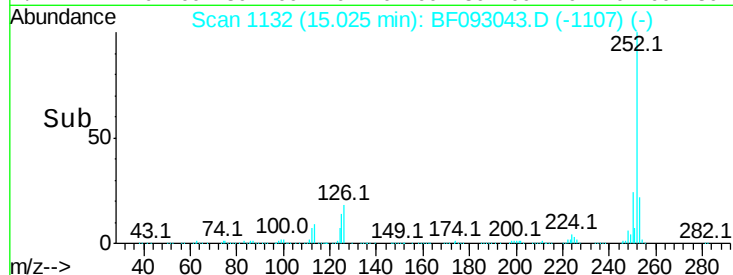
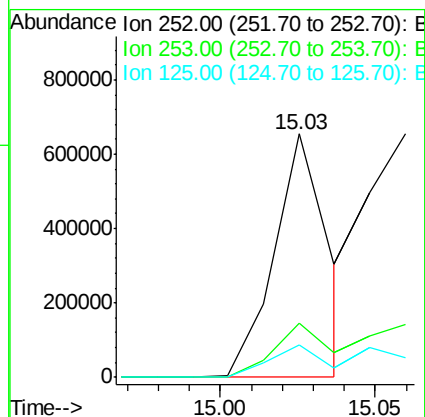
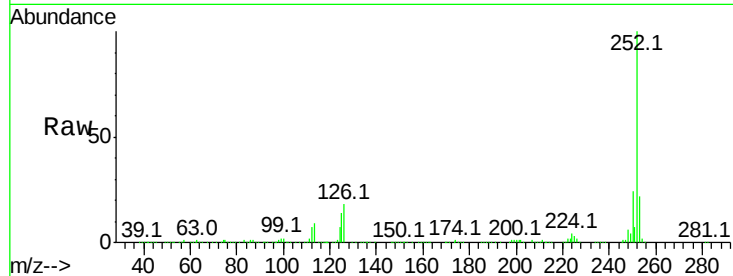
ClientSampleId :

B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 795461 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 18.2  | 27.4   |
| 125       | 13.5  | 9.8   | 14.6   |

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#88

Benzo(k)fluoranthene

Concen: 49.72 ng m

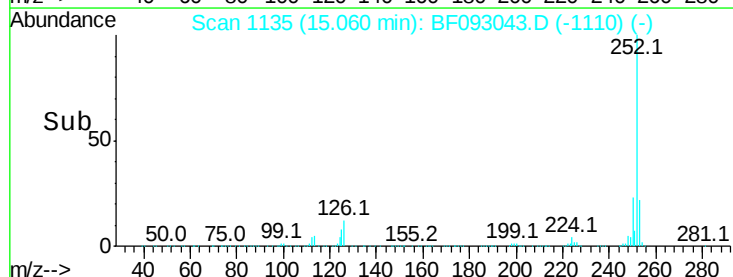
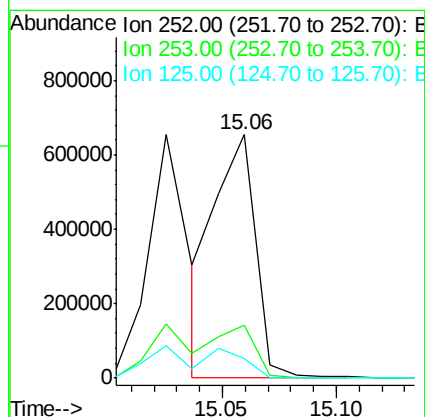
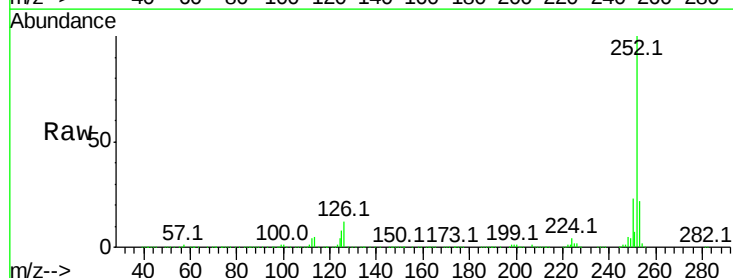
RT: 15.06 min Scan# 1135

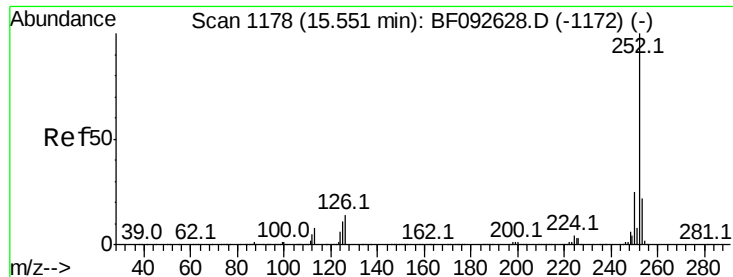
Delta R.T. -0.01 min

Lab File: BF093043.D

Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 824673 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 18.5  | 27.7   |
| 125       | 8.0   | 8.9   | 13.3#  |





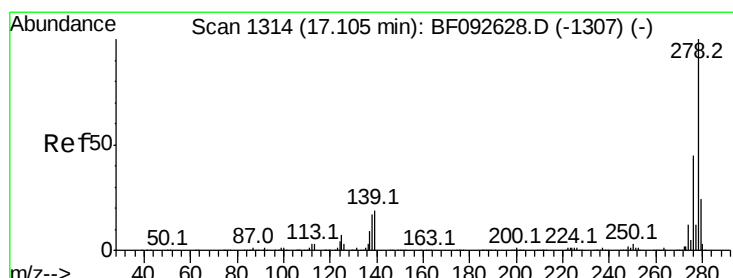
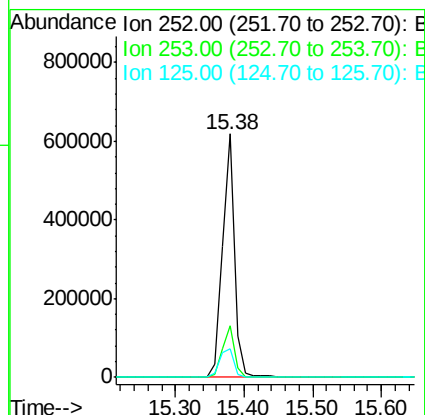
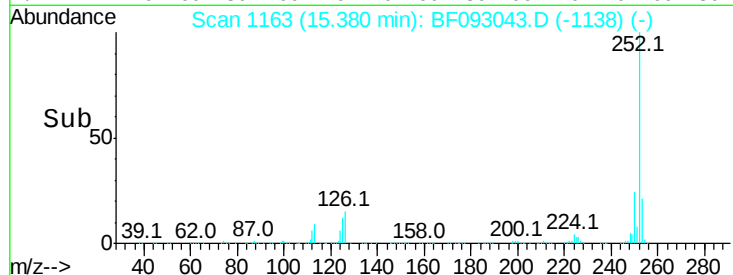
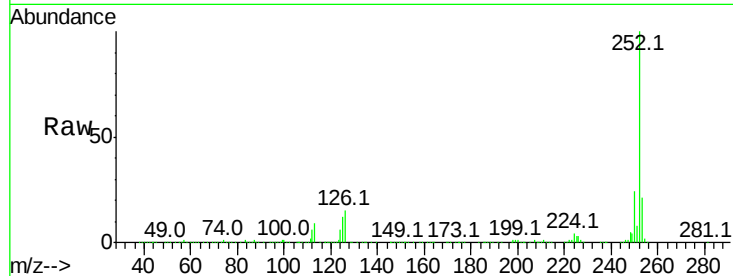
#89  
Benzo(a)pyrene  
Concen: 46.22 ng  
RT: 15.38 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

Instrument :  
BNA\_F  
ClientSampleId :  
B1-2MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 768044 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.2  | 18.2  | 27.2   |
| 125       | 11.9  | 10.0  | 15.0   |

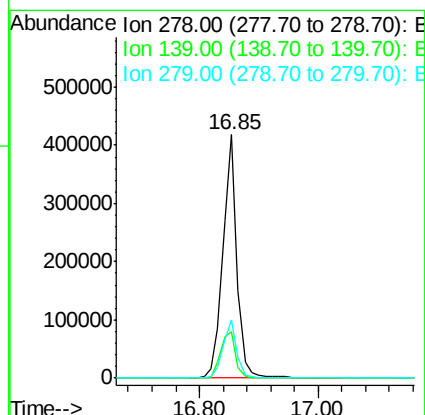
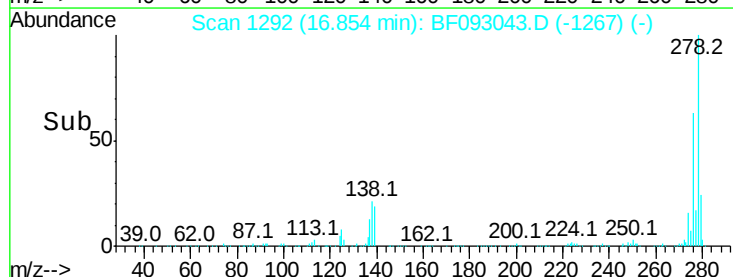
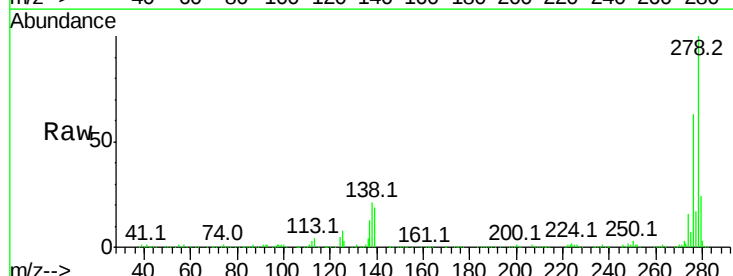
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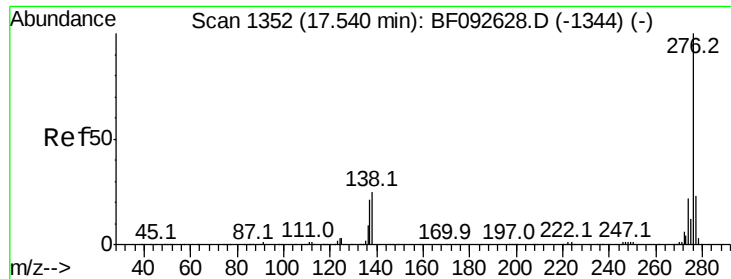
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#90  
Dibenzo(a,h)anthracene  
Concen: 51.30 ng  
RT: 16.85 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: BF093043.D  
Acq: 20 Feb 2017 22:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 688947 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.1  | 14.8  | 22.2   |
| 279       | 23.7  | 19.8  | 29.6   |





#91  
 Benzo(a,h,i)perylene  
 Concen: 53.26 ng  
 RT: 17.27 min Scan# 1328  
 Delta R.T. -0.02 min  
 Lab File: BF093043.D  
 Acq: 20 Feb 2017 22:04

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1-2MS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.3  | 19.2       | 28.8       |
| 138     | 26.7  | 16.0       | 24.0       |

Manual Integrations  
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