

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\  
 Data File : BF095021.D  
 Acq On : 9 May 2017 13:43  
 Operator : SJ/MA  
 Sample : I3013-05 10X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V7-WSW

Manual Integrations  
 APPROVED

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 5/9/2017 5:27:47 PM

Quant Time: May 09 16:36:44 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 88687    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 9.73  | 136  | 352096   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 12.56 | 164  | 158071   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 14.96 | 188  | 249214   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12            | 18.63 | 240  | 199224   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12            | 20.30 | 264  | 134975   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.68  | 112  | 77106m   | 14.50 | ng    | 0.00     |
| 7) Phenol-d6                | 7.27  | 99   | 106604m  | 16.70 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.62  | 82   | 55002    | 9.85  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 13.87 | 330  | 18169    | 14.03 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 11.51 | 172  | 108714   | 9.90  | ng    | -0.02    |
| 78) Terphenyl-d14           | 17.28 | 244  | 63885    | 7.06  | ng    | -0.03    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 17) 2-Methylphenol          | 8.26  | 107  | 13499    | 2.72  | ng    | 91       |
| 27) 2,4-Dimethylphenol      | 9.34  | 122  | 25919    | 5.08  | ng    | 93       |
| 31) Naphthalene             | 9.77  | 128  | 61034    | 3.45  | ng    | 98       |
| 51) Acenaphthene            | 12.62 | 154  | 27755    | 2.76  | ng    | 98       |
| 54) Dibenzofuran            | 12.91 | 168  | 40897    | 2.94  | ng    | 98       |
| 57) Fluorene                | 13.47 | 166  | 51286    | 4.24  | ng    | 94       |
| 70) Phenanthrene            | 15.00 | 178  | 391461   | 27.34 | ng    | 97       |
| 71) Anthracene              | 15.09 | 178  | 104570   | 7.15  | ng    | 97       |
| 72) Carbazole               | 15.38 | 167  | 44669    | 3.36  | ng    | # 95     |
| 74) Fluoranthene            | 16.74 | 202  | 307813   | 20.96 | ng    | 99       |
| 77) Pyrene                  | 17.05 | 202  | 247196   | 16.59 | ng    | 96       |
| 80) Benzo(a)anthracene      | 18.62 | 228  | 99627    | 8.59  | ng    | 98       |
| 82) Chrysene                | 18.67 | 228  | 87718    | 7.82  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene  | 21.60 | 276  | 31736    | 3.49  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 19.89 | 252  | 74189m   | 8.90  | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.92 | 252  | 29065m   | 3.61  | ng    |          |
| 89) Benzo(a)pyrene          | 20.24 | 252  | 58337    | 7.58  | ng    | 98       |
| 91) Benzo(g,h,i)perylene    | 21.98 | 276  | 28362    | 4.55  | ng    | 96       |

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

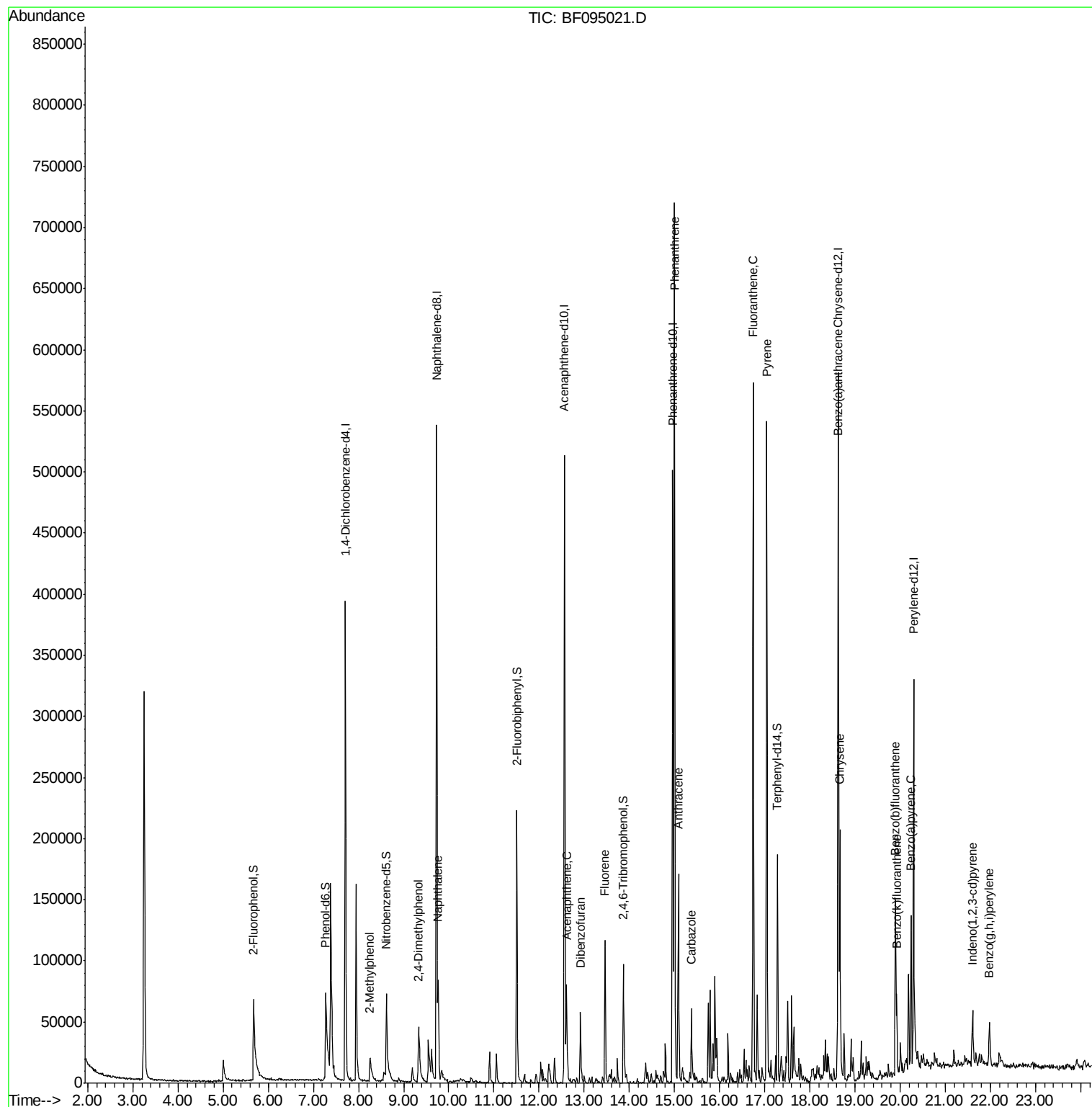
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\  
Data File : BF095021.D  
Acq On : 9 May 2017 13:43  
Operator : SJ/MA  
Sample : I3013-05 10X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

Manual Integrations  
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Quant Time: May 09 16:36:44 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 03 17:24:51 2017  
Response via : Initial Calibration





#1

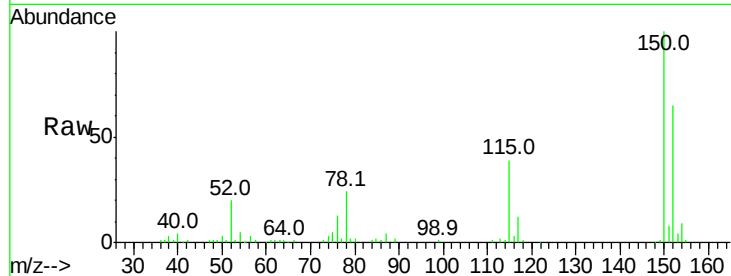
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.71 min Scan# 981  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampled :  
E2-V7-WSW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 126.2 | 189.2 |
| 115     | 61.1  | 52.2  | 78.2  |

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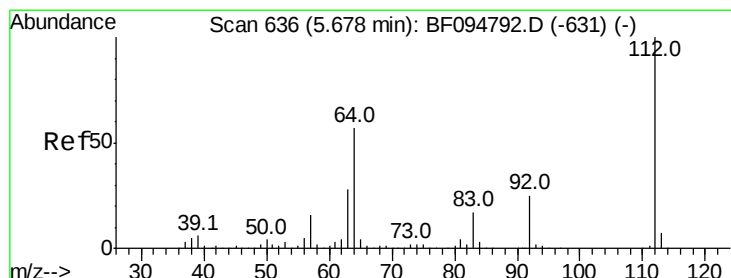
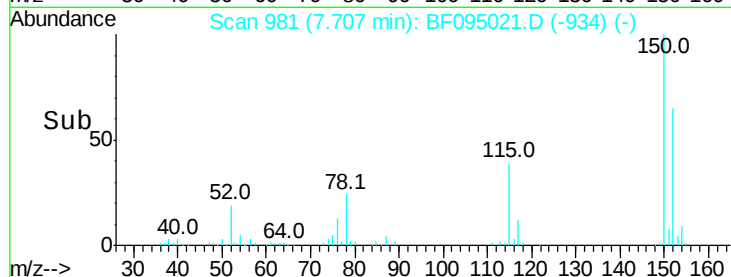
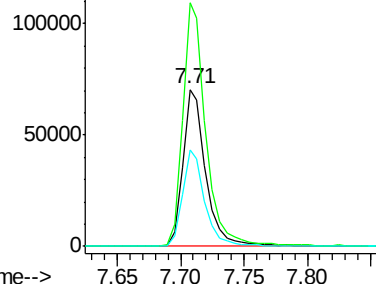


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 14.50 ng m  
RT: 5.68 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

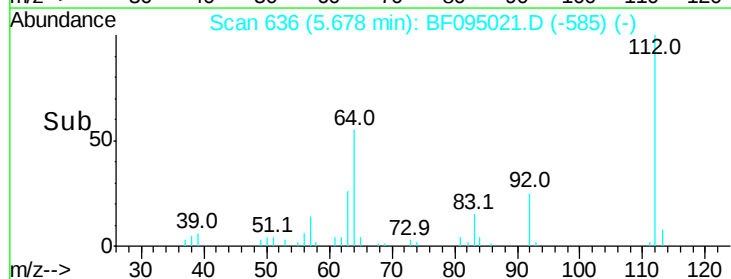
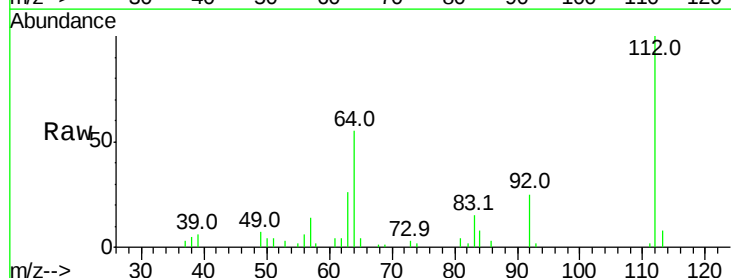
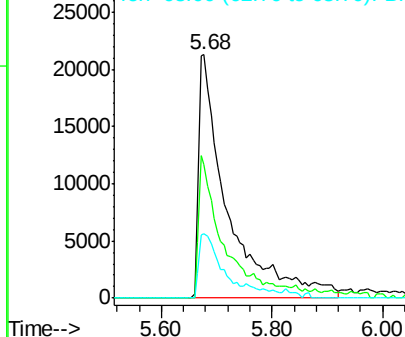
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.6  | 46.0  | 69.0  |
| 63      | 26.3  | 23.4  | 35.0  |

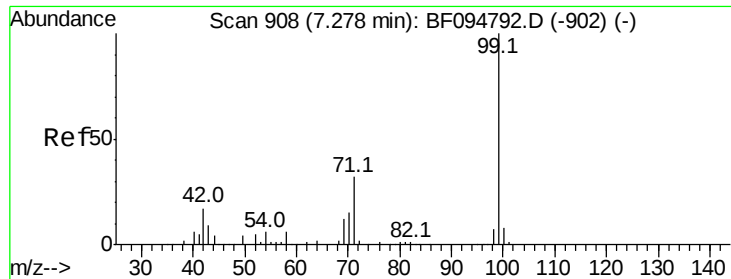
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.70 ng/mL

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

Instrument :

BNA\_F

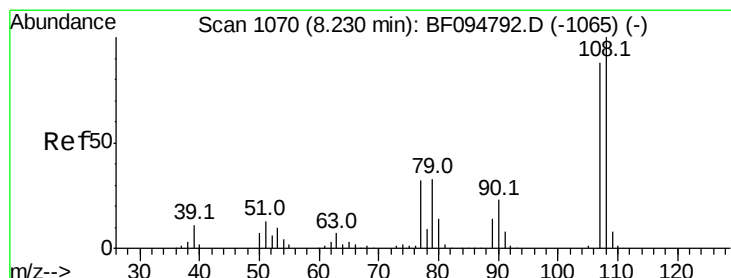
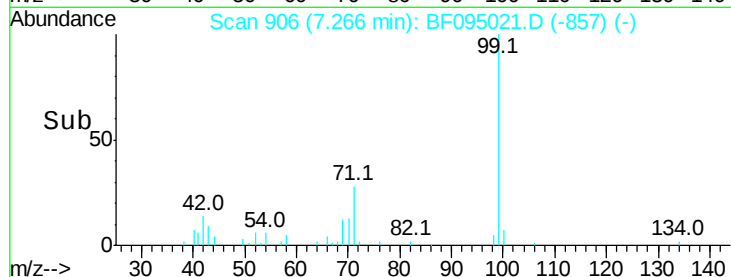
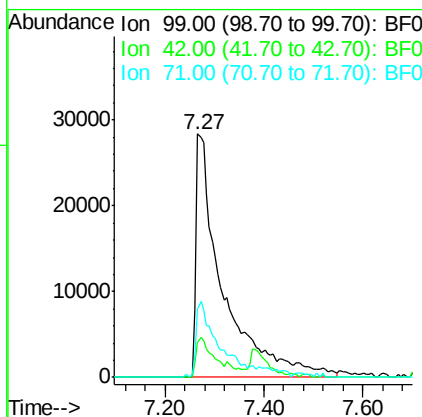
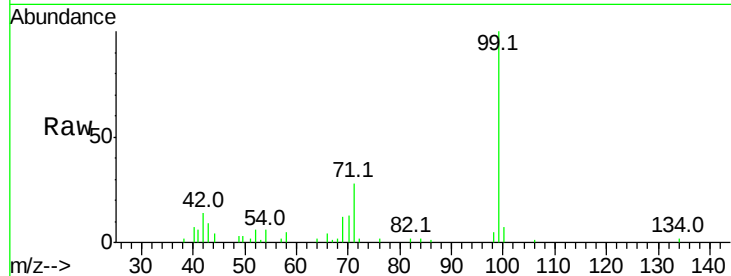
ClientSampleId :

E2-V7-WSW

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 106604 |       |       |
| 42      | 14.5 | 13.5  | 20.3   |       |       |
| 71      | 28.1 | 24.5  | 36.7   |       |       |

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#17

2-Methylphenol

Concen: 2.72 ng/mL

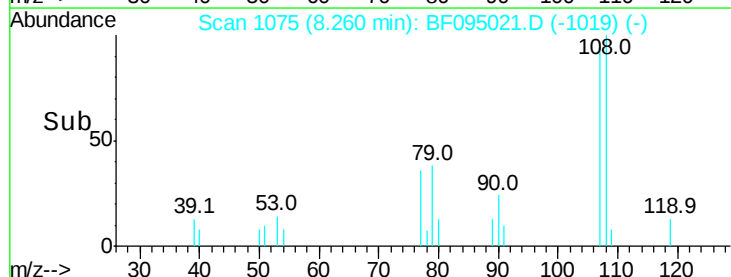
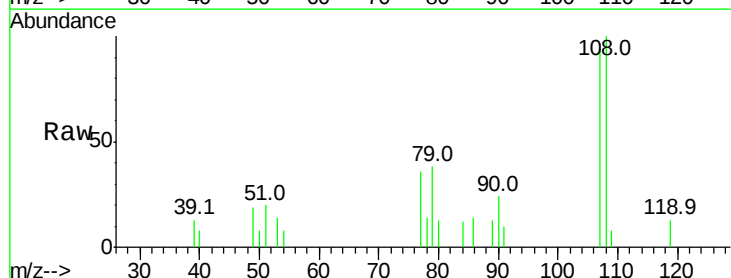
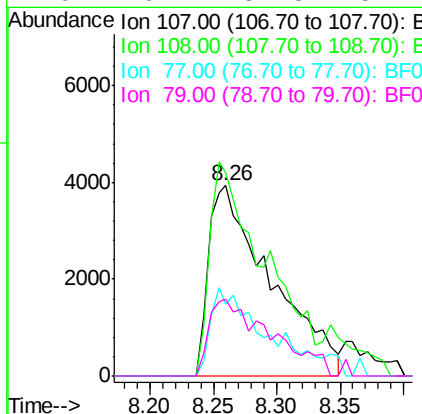
RT: 8.26 min Scan# 1075

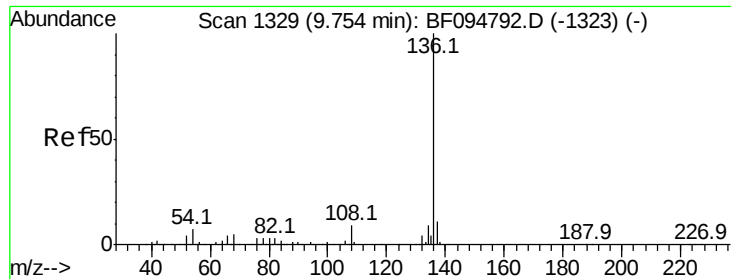
Delta R.T. 0.03 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       | 13499 |       |       |
| 108     | 106.6 | 93.4  | 140.0 |       |       |
| 77      | 38.0  | 35.8  | 53.6  |       |       |
| 79      | 40.1  | 34.8  | 52.2  |       |       |





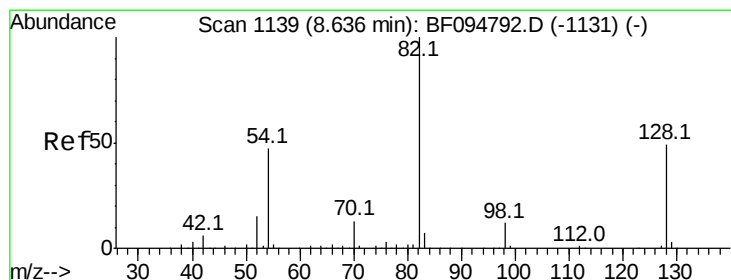
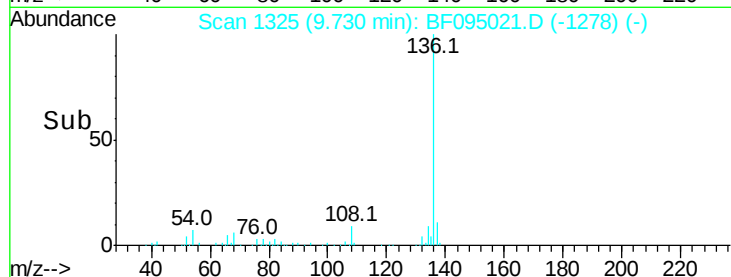
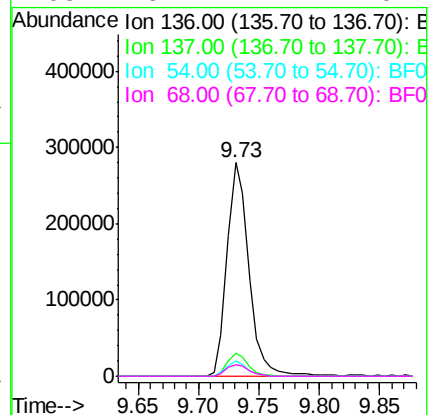
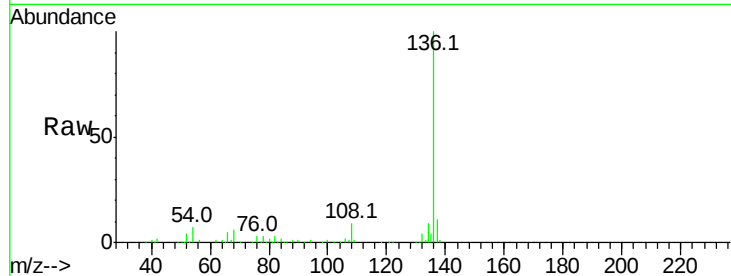
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.73 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 352096 |       |       |
| 137     | 10.8 |       | 8.5    | 12.7  |       |
| 54      | 7.1  |       | 4.9    | 7.3   |       |
| 68      | 5.7  |       | 4.1    | 6.1   |       |

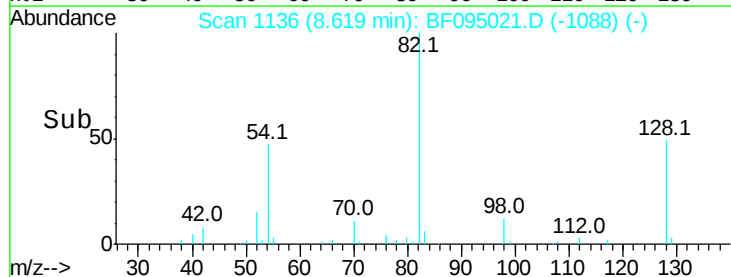
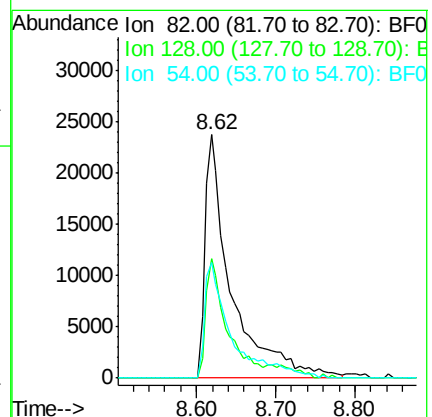
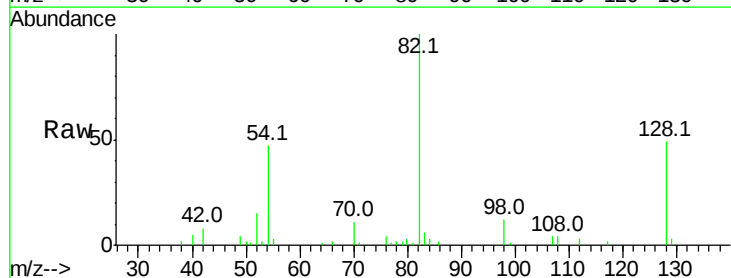
Manual Integrations  
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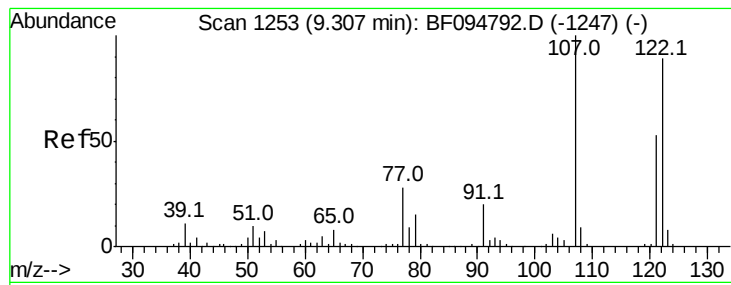
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#23  
Nitrobenzene-d5  
Concen: 9.85 ng  
RT: 8.62 min Scan# 1136  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 82      | 100  |       | 55002 |       |       |
| 128     | 49.2 |       | 34.0  | 51.0  |       |
| 54      | 47.2 |       | 42.2  | 63.2  |       |





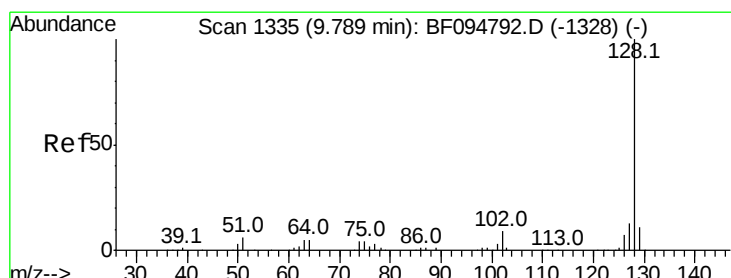
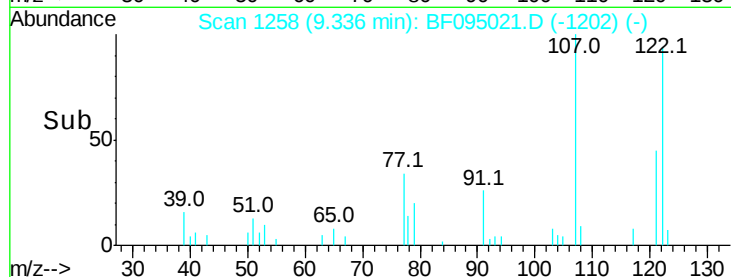
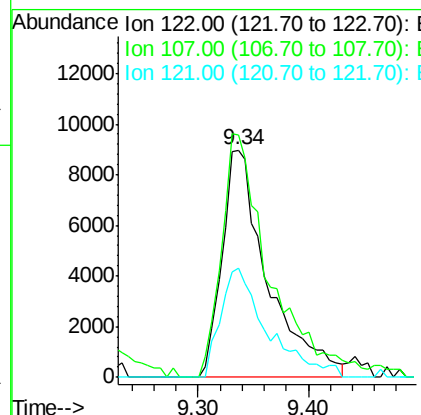
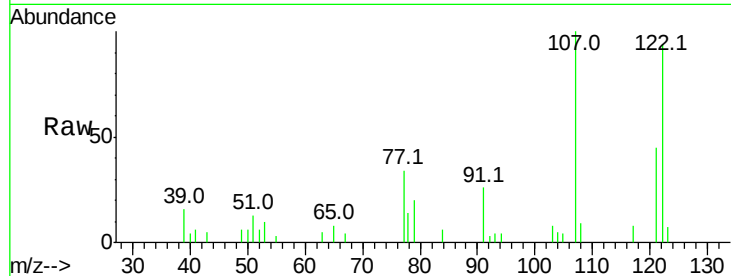
#27  
 2,4-Dimethylphenol  
 Concen: 5.08 ng  
 RT: 9.34 min Scan# 1258  
 Delta R.T. 0.03 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V7-WSW

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 25919 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 106.8 | 89.2  | 133.8 |
| 121       | 48.1  | 45.2  | 67.8  |

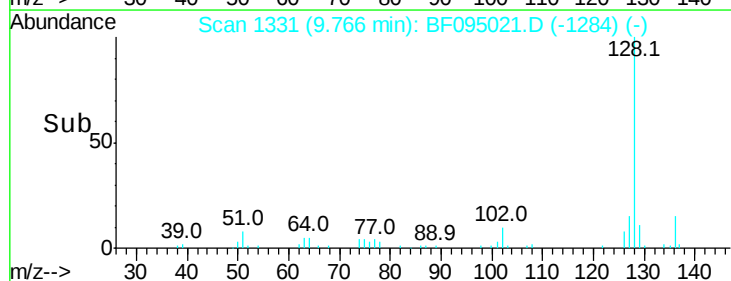
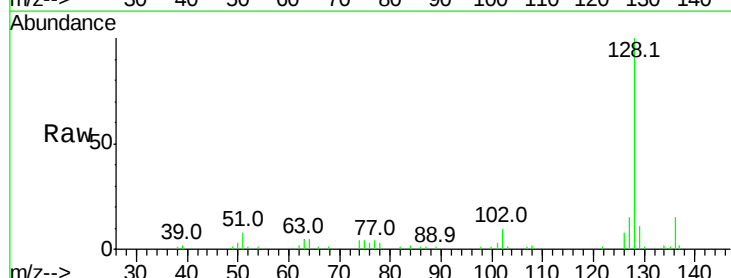
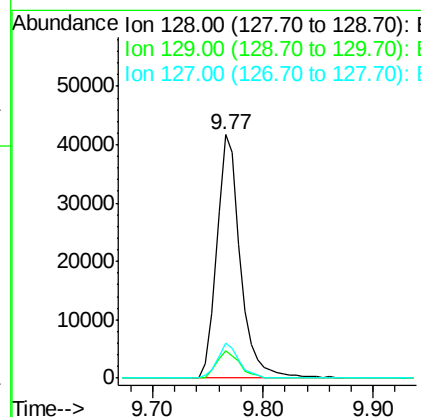
Manual Integrations  
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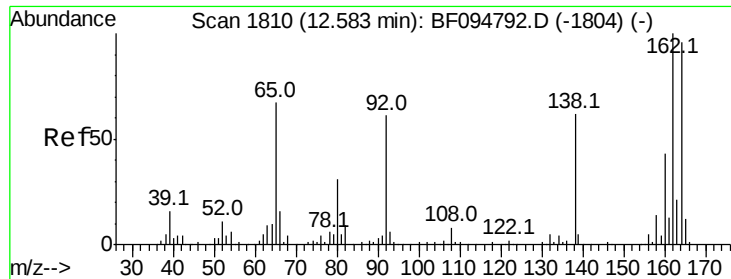
mohammad  
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#31  
 Naphthalene  
 Concen: 3.45 ng  
 RT: 9.77 min Scan# 1331  
 Delta R.T. -0.02 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 61034 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.3  | 9.0   | 13.6  |
| 127       | 14.6  | 10.8  | 16.2  |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

Instrument :

BNA\_F

ClientSampleId :

E2-V7-WSW

Tot Ion:164 Resp: 158071

Ion Ratio Lower Upper

164 100

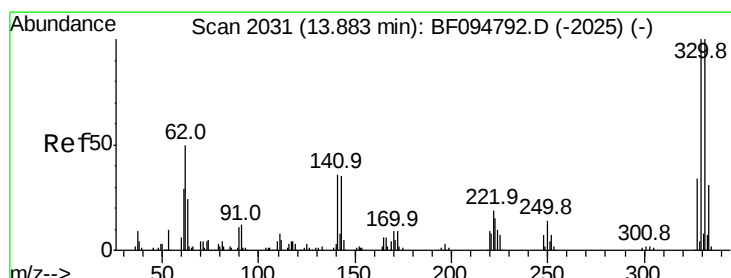
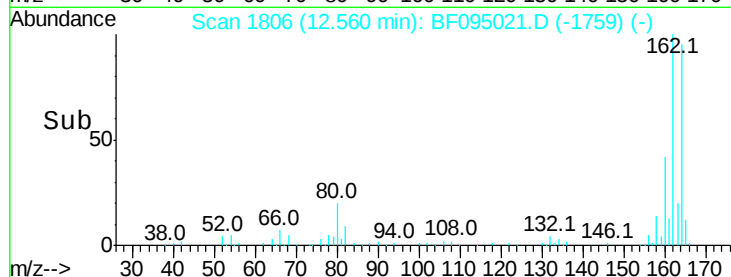
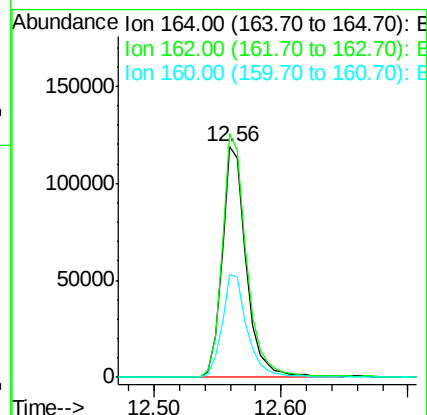
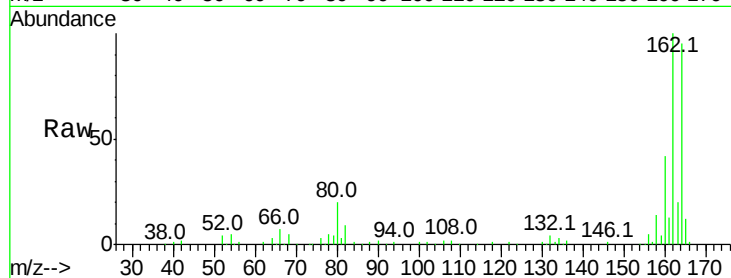
162 105.7 82.6 123.8

160 44.8 36.2 54.2

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#41

2,4,6-Tribromophenol

Concen: 14.03 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

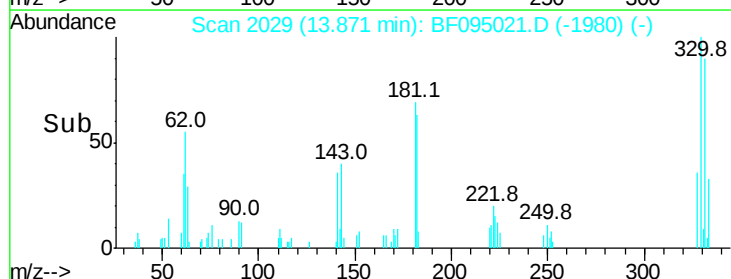
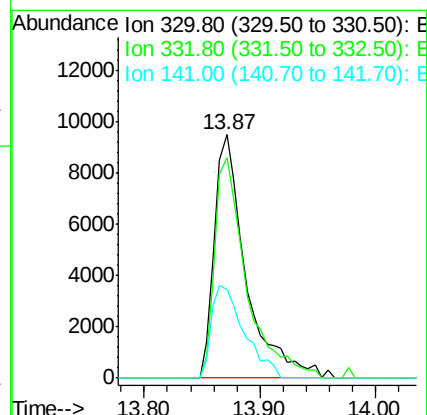
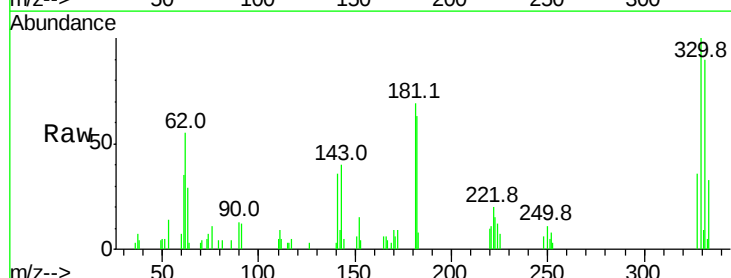
Tgt Ion:330 Resp: 18169

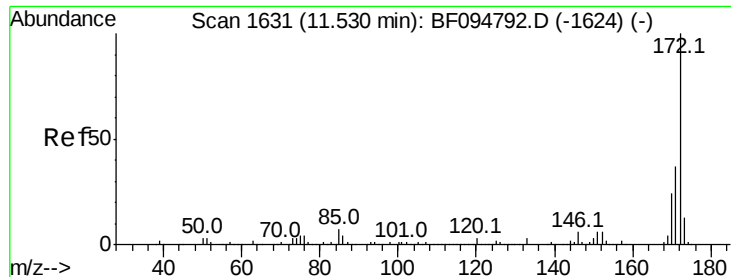
Ion Ratio Lower Upper

330 100

332 90.5 76.6 115.0

141 39.3 31.4 47.2





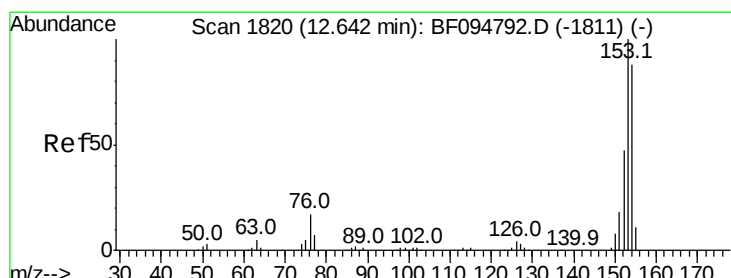
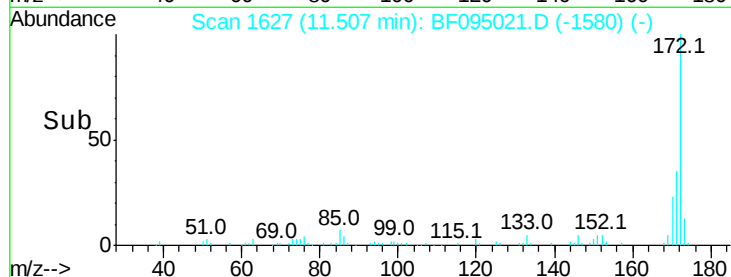
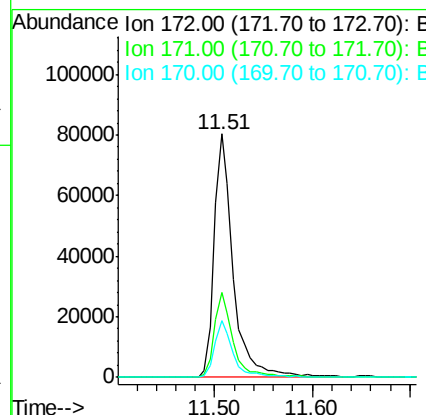
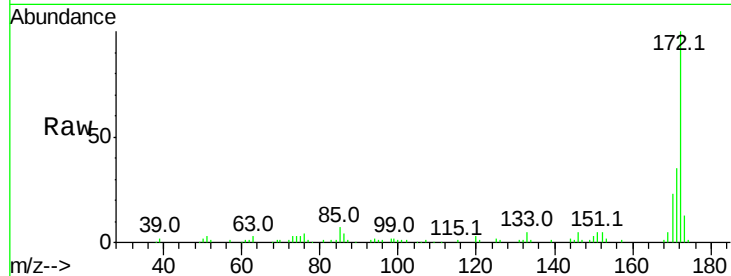
#44  
2-Fluorobiphenyl  
Concen: 9.90 ng  
RT: 11.51 min Scan# 1627  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 108714 |       |       |
| 171     | 34.8  |        | 29.6  | 44.4  |
| 170     | 23.3  |        | 19.8  | 29.8  |

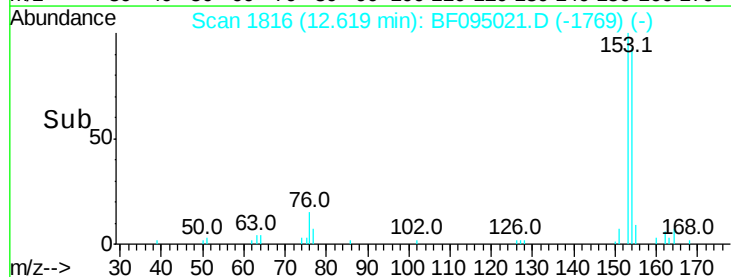
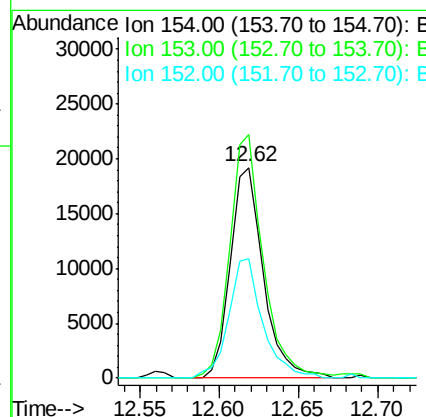
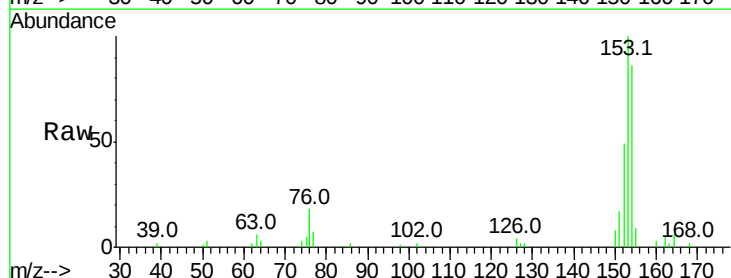
Manual Integrations  
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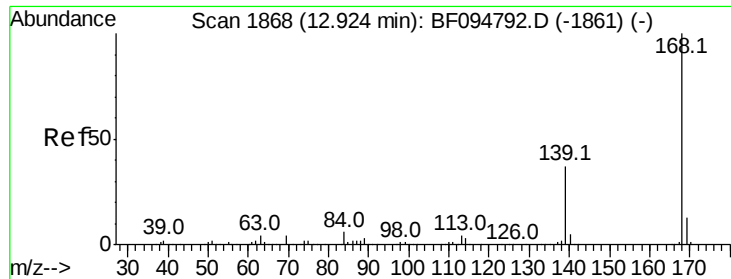
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#51  
Acenaphthene  
Concen: 2.76 ng  
RT: 12.62 min Scan# 1816  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 27755 |       |       |
| 153     | 115.7 |       | 90.5  | 135.7 |
| 152     | 56.5  |       | 43.6  | 65.4  |





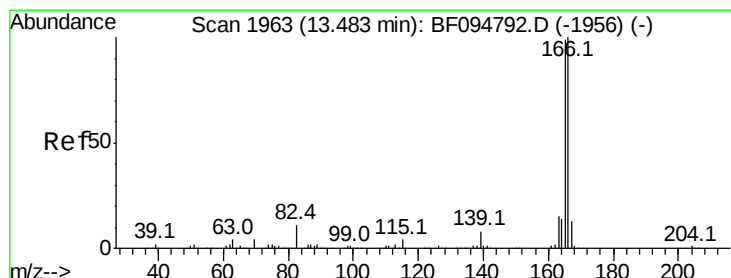
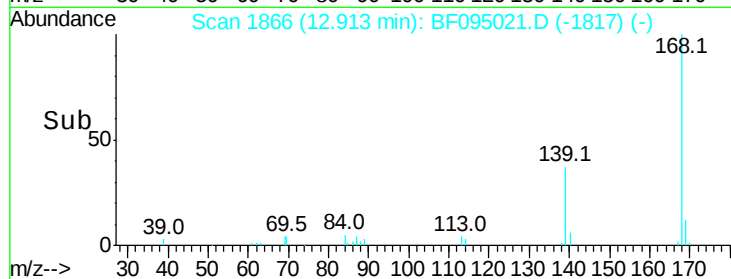
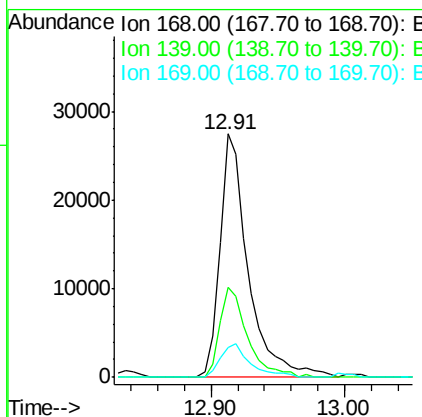
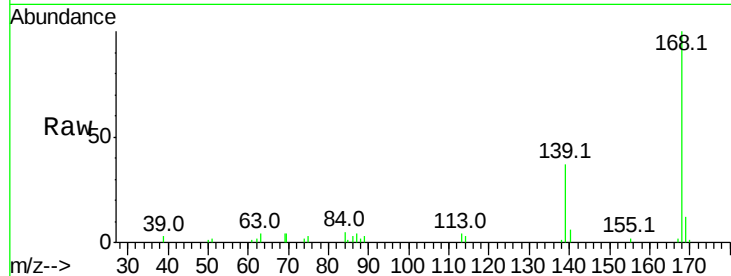
#54  
Dibenzenofuran  
Concen: 2.94 ng  
RT: 12.91 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.2  | 30.6  | 45.8  |
| 169     | 12.2  | 10.8  | 16.2  |

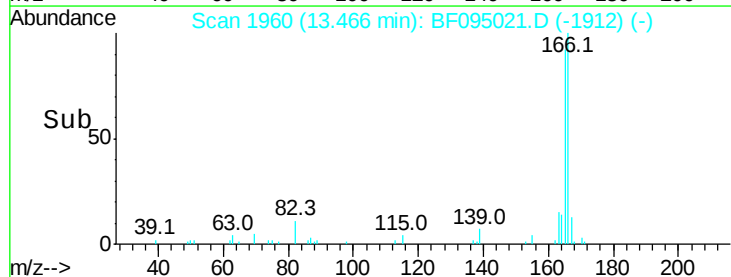
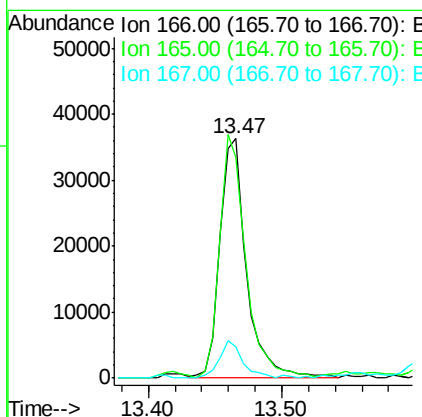
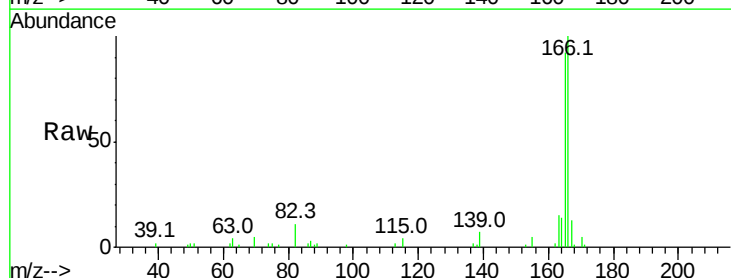
Manual Integrations  
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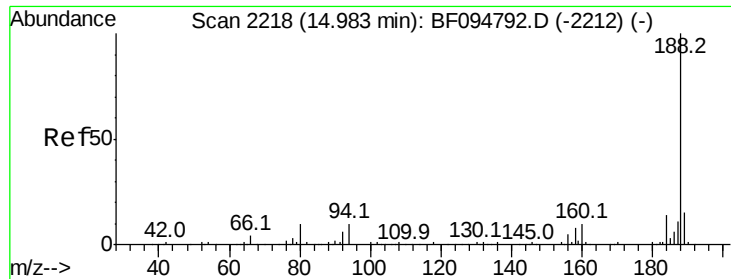
mohammad  
5/9/2017 5:27:47 PM



#57  
Fluorene  
Concen: 4.24 ng  
RT: 13.47 min Scan# 1960  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 92.0  | 78.8  | 118.2 |
| 167     | 12.8  | 10.6  | 16.0  |





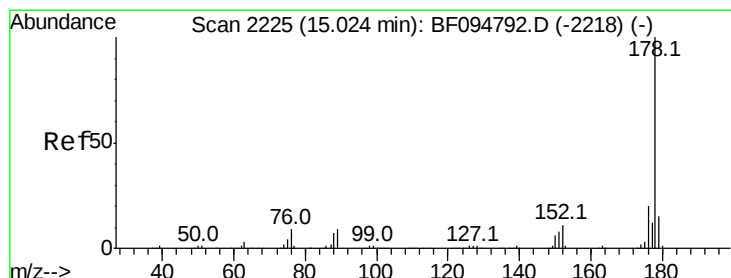
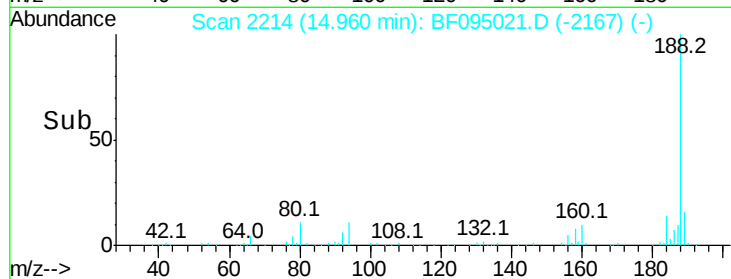
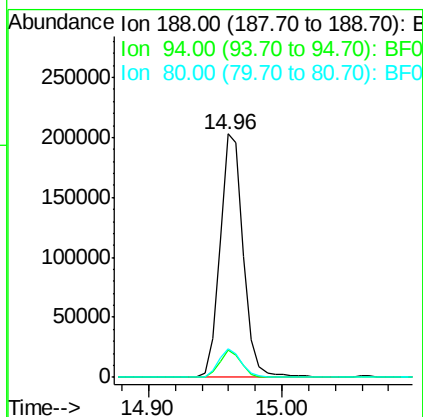
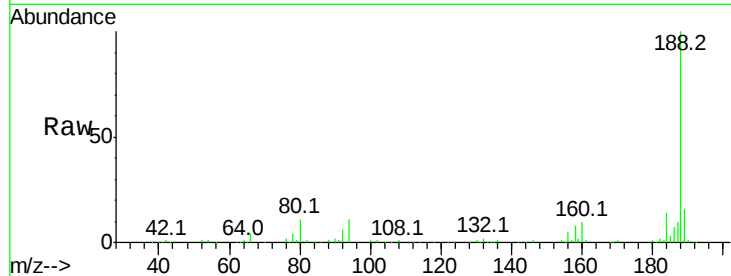
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.96 min Scan# 2214  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampled :  
E2-V7-WSW

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 249214 |       |       |
| 94      | 11.2  |        | 9.4   | 14.2  |
| 80      | 11.5  |        | 10.2  | 15.2  |

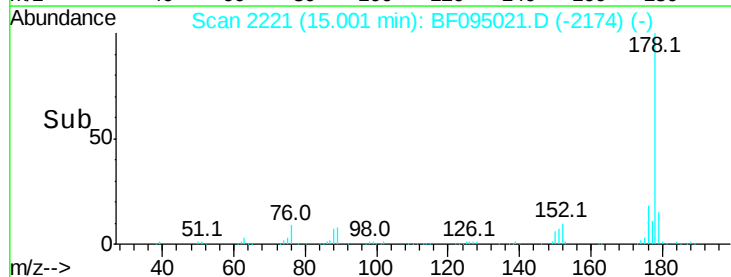
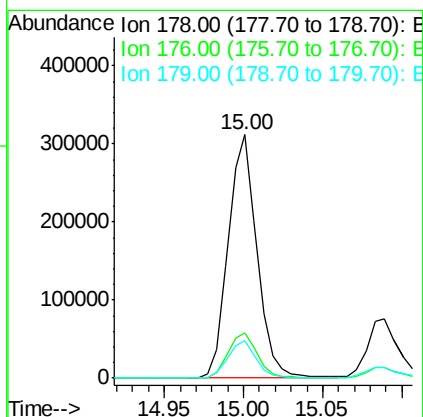
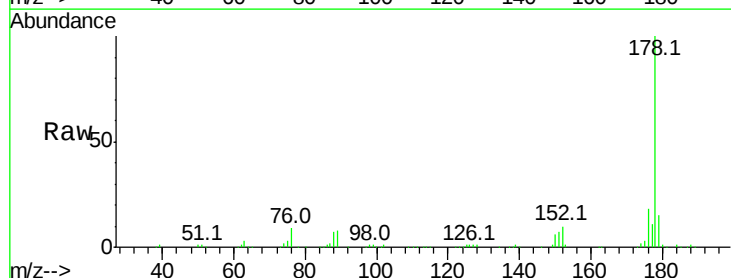
Manual Integrations  
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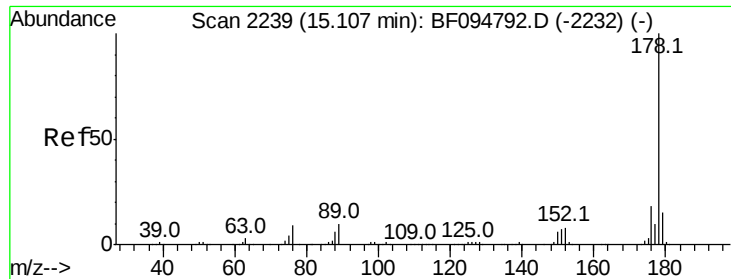
mohammad  
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#70  
Phenanthrene  
Concen: 27.34 ng  
RT: 15.00 min Scan# 2221  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 391461 |       |       |
| 176     | 18.3  |        | 16.2  | 24.4  |
| 179     | 15.3  |        | 12.6  | 19.0  |





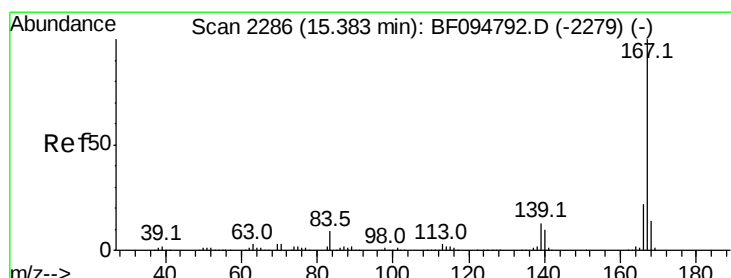
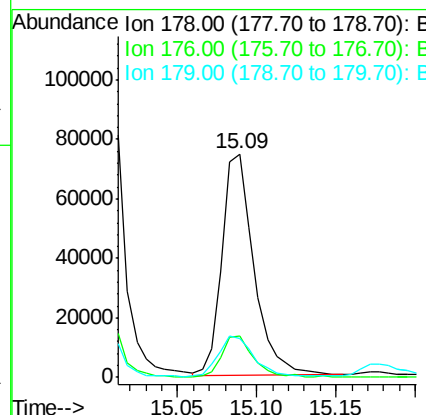
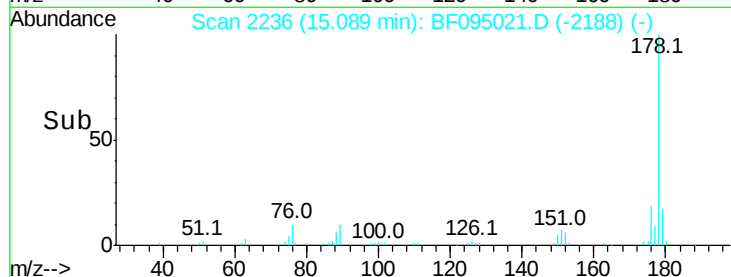
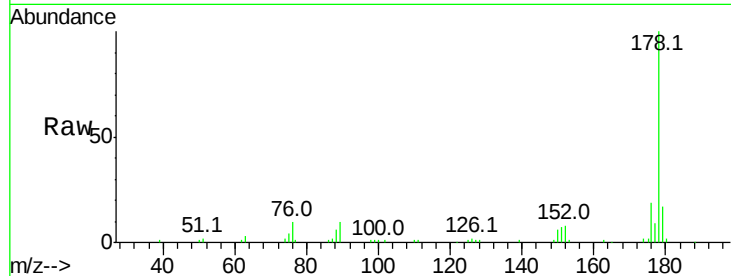
#71  
 Anthracene  
 Concen: 7.15 ng  
 RT: 15.09 min Scan# 2236  
 Delta R.T. -0.02 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V7-WSW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.8  | 23.8  |
| 179     | 17.2  | 12.7  | 19.1  |

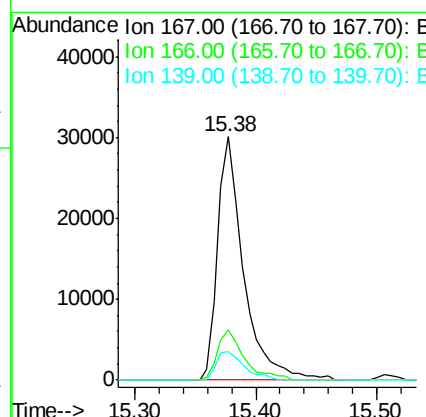
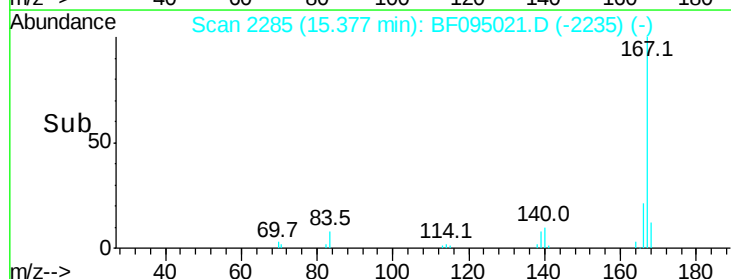
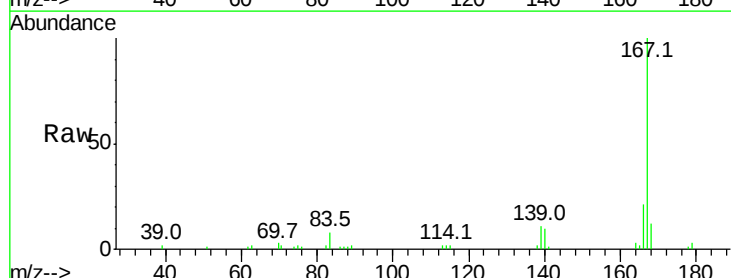
Manual Integrations  
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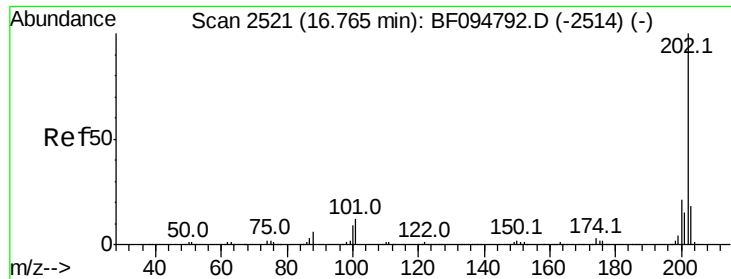
mohammad  
 5/9/2017 5:27:47 PM



#72  
 Carbazole  
 Concen: 3.36 ng  
 RT: 15.38 min Scan# 2285  
 Delta R.T. -0.01 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.6  | 18.1  | 27.1  |
| 139     | 11.5  | 11.7  | 17.5# |





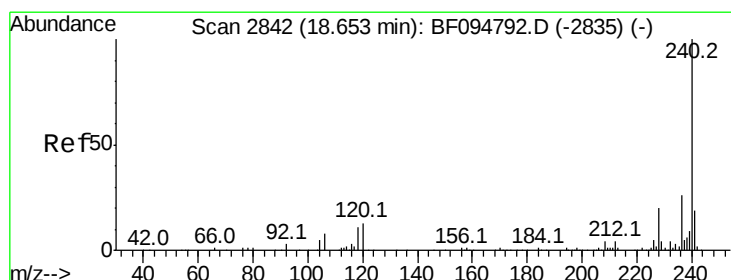
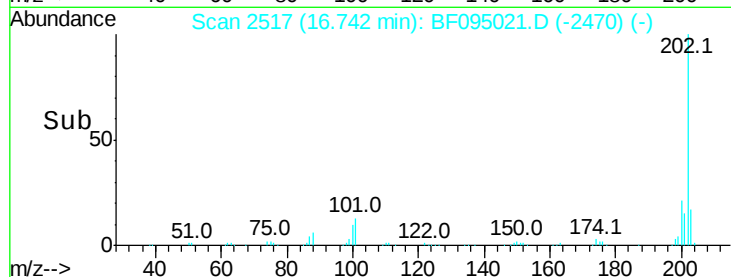
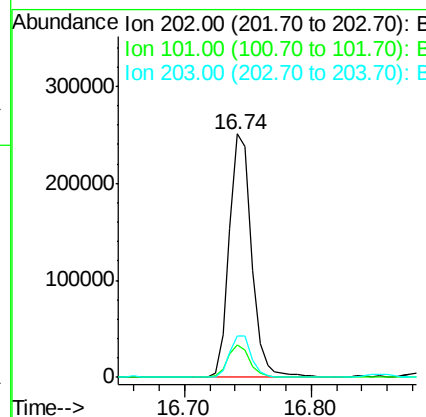
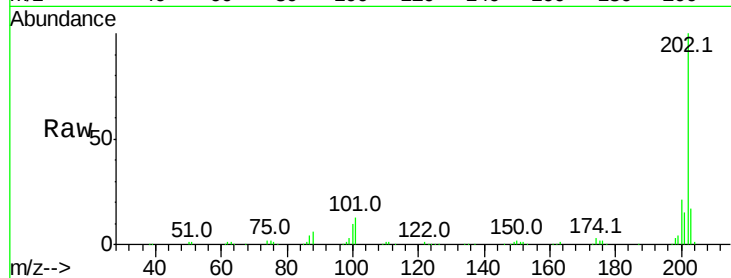
#74  
 Fluoranthene  
 Concen: 20.96 ng  
 RT: 16.74 min Scan# 2517  
 Delta R.T. -0.02 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V7-WSW

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 13.1  | 0.0        | 33.2  |
| 203     | 17.3  | 0.0        | 38.1  |

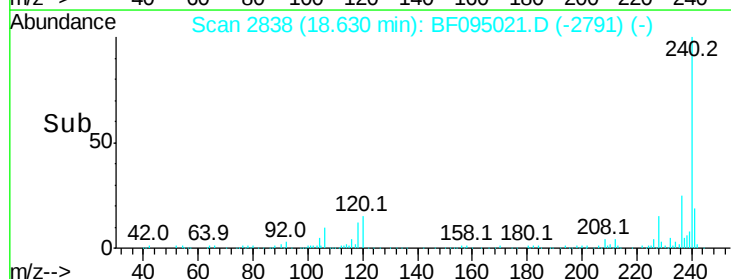
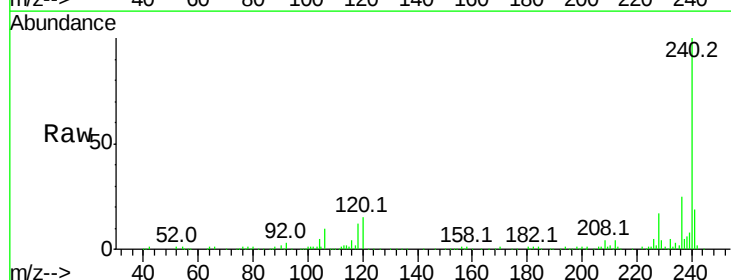
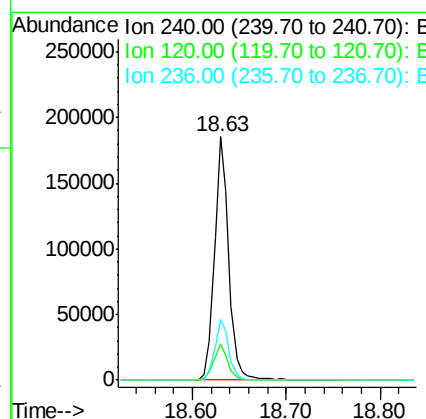
Manual Integrations  
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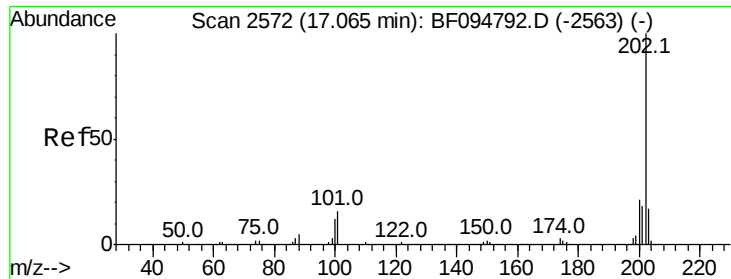
mohammad  
 5/9/2017 5:27:47 PM



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.63 min Scan# 2838  
 Delta R.T. -0.02 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 14.6  | 5.8        | 8.8#  |
| 236     | 24.9  | 20.5       | 30.7  |





#77

Pvrene

Concen: 16.59 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

Instrument :

BNA\_F

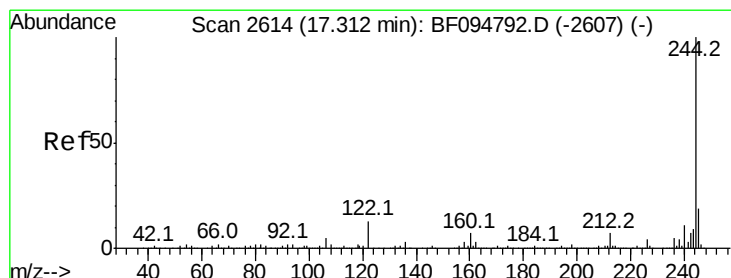
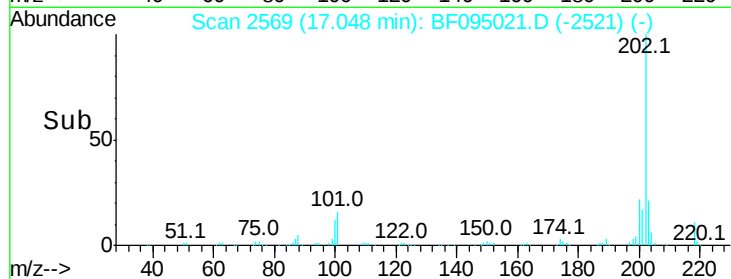
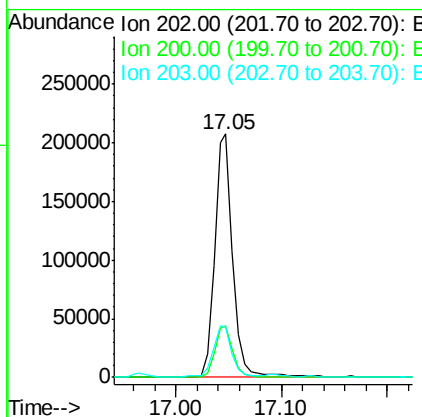
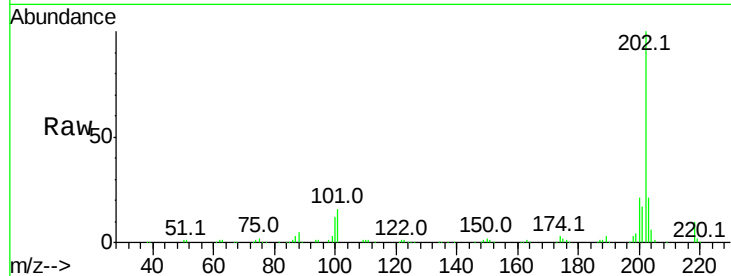
ClientSampleId :

E2-V7-WSW

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 247196 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.6  | 26.4   |
| 203       | 20.8  | 14.4  | 21.6   |

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#78

Terphenyl-d14

Concen: 7.06 ng

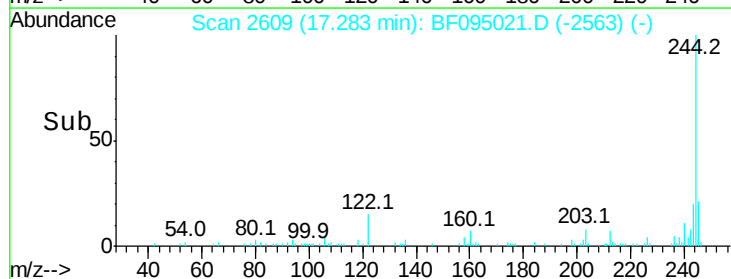
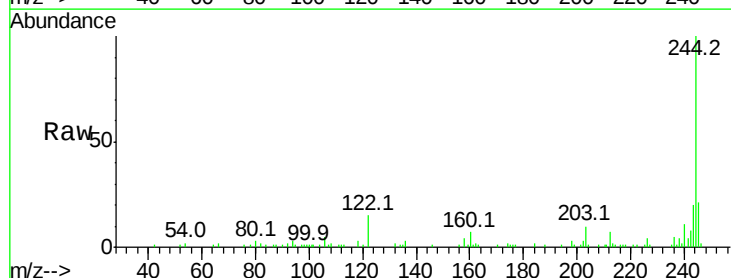
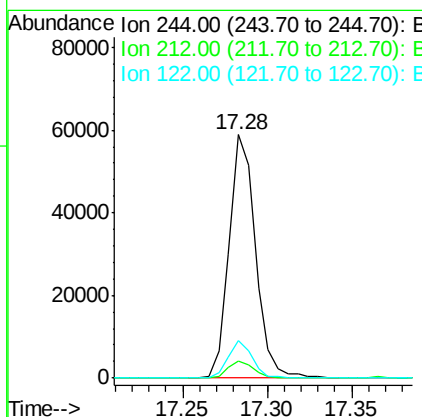
RT: 17.28 min Scan# 2609

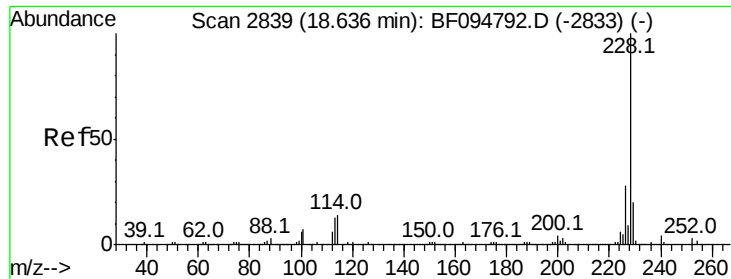
Delta R.T. -0.03 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 63885 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 7.1   | 6.0   | 9.0   |
| 122       | 15.2  | 10.3  | 15.5  |





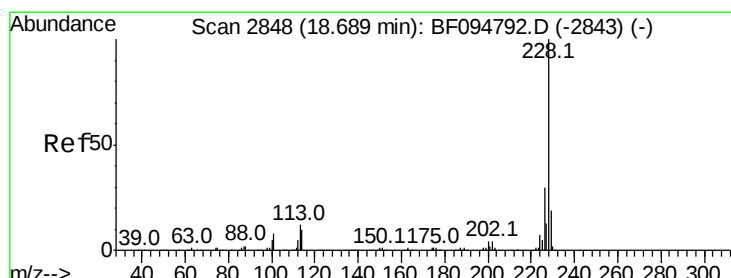
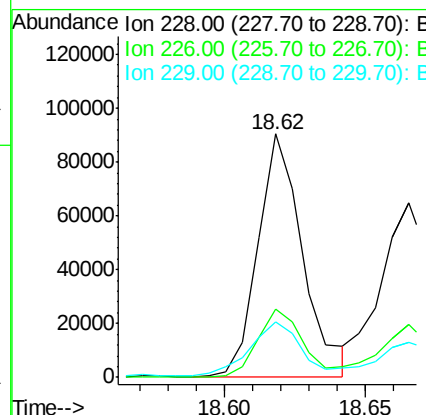
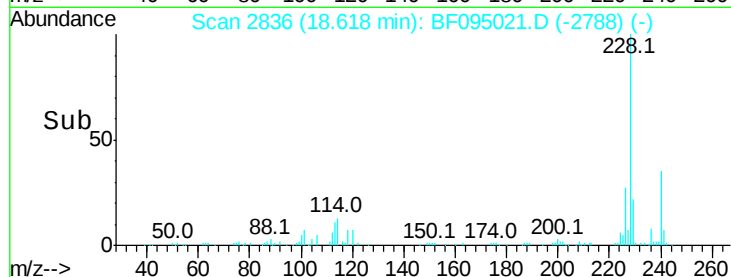
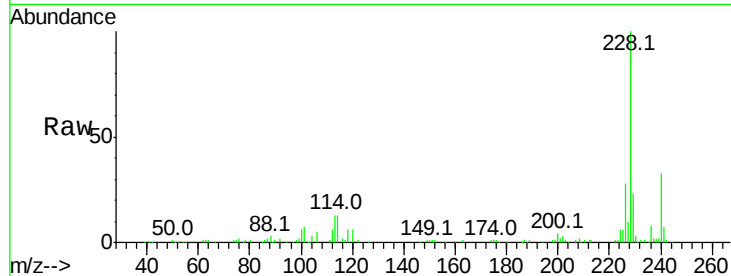
#80  
Benzo(a)anthracene  
Concen: 8.59 ng  
RT: 18.62 min Scan# 2836  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 22.6  | 33.8  |
| 229     | 23.0  | 16.3  | 24.5  |

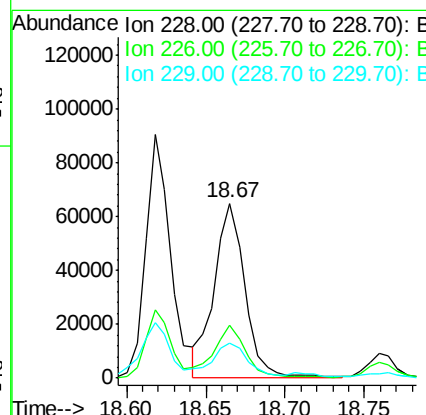
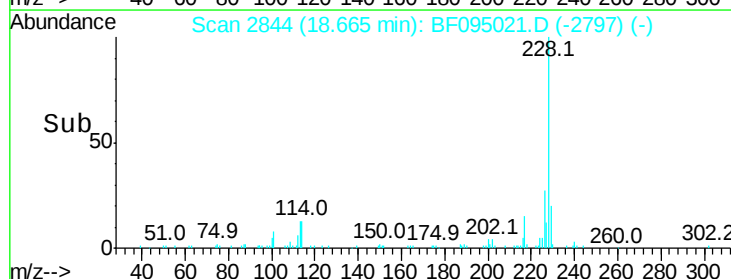
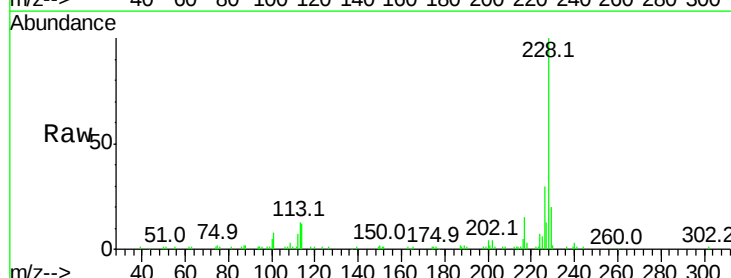
Manual Integrations  
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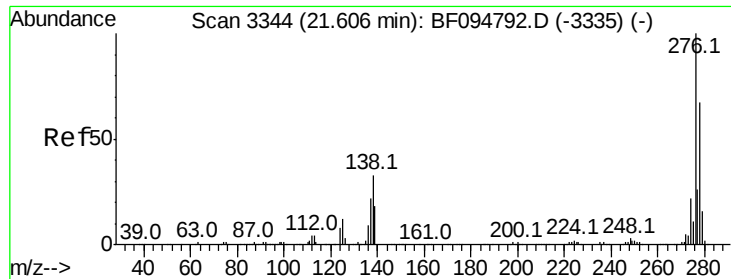
mohammad  
5/9/2017 5:27:47 PM



#82  
Chrysene  
Concen: 7.82 ng  
RT: 18.67 min Scan# 2844  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 24.9  | 37.3  |
| 229     | 20.0  | 15.8  | 23.6  |





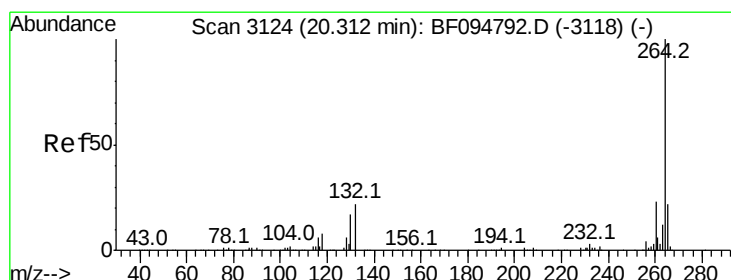
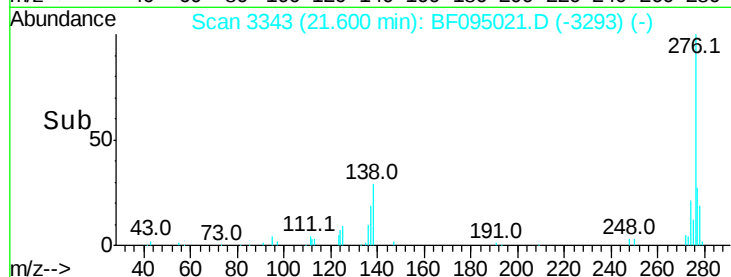
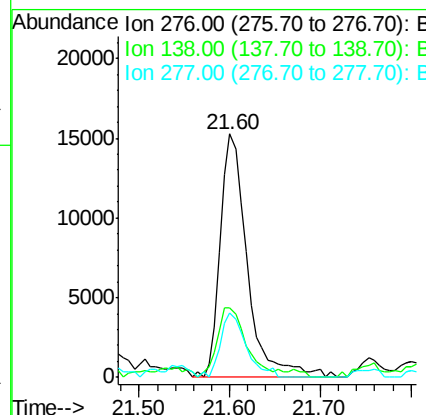
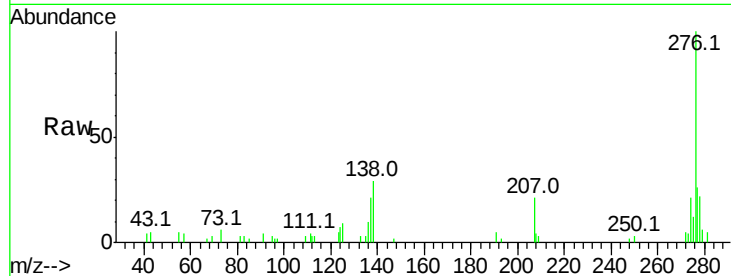
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.49 ng  
 RT: 21.60 min Scan# 3343  
 Delta R.T. -0.01 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-V7-WSW

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.3  | 27.8  | 41.6  |
| 277     | 24.9  | 20.2  | 30.4  |

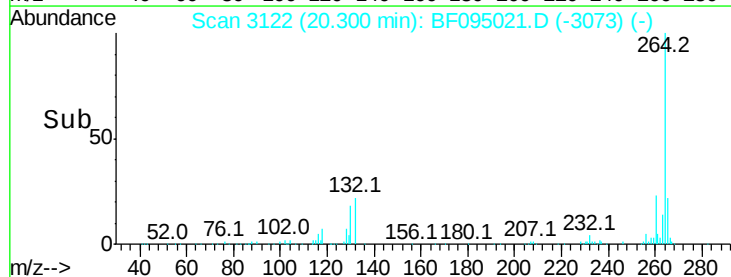
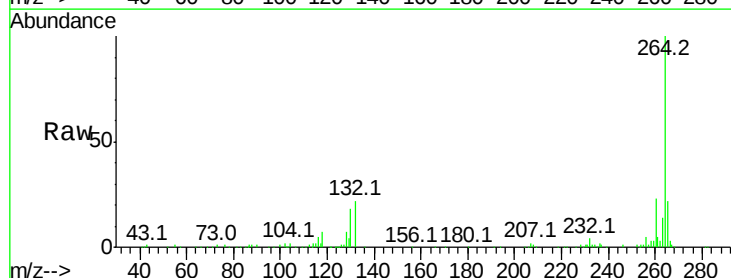
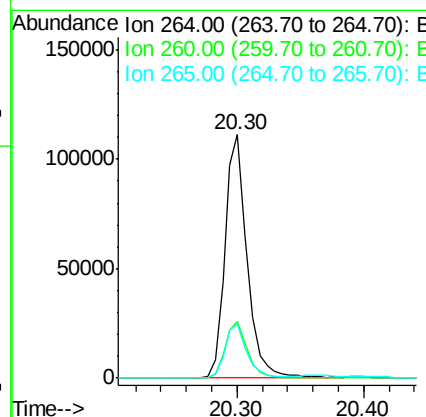
Manual Integrations  
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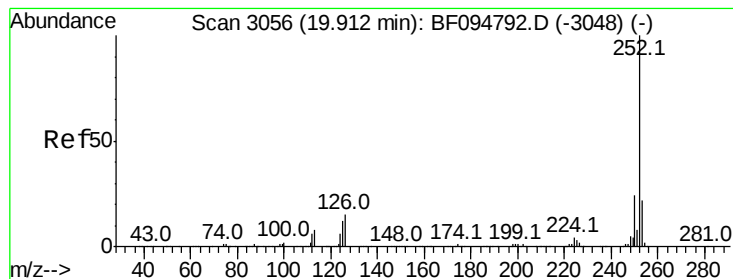
mohammad  
 5/9/2017 5:27:47 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.30 min Scan# 3122  
 Delta R.T. -0.01 min  
 Lab File: BF095021.D  
 Acq: 9 May 2017 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.5  | 29.3  |
| 265     | 22.0  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 8.90 ng m

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

Instrument :

BNA\_F

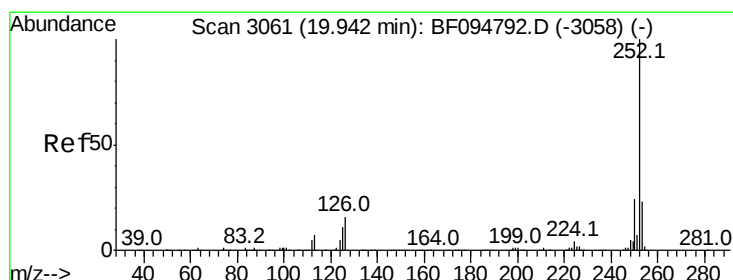
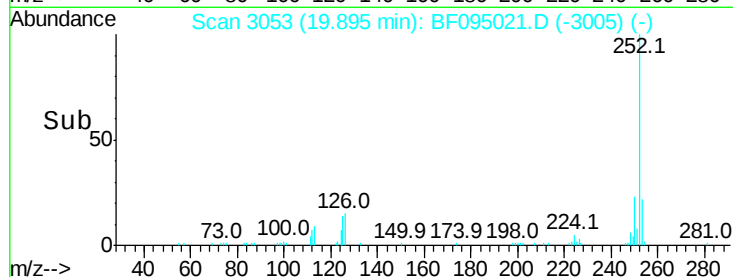
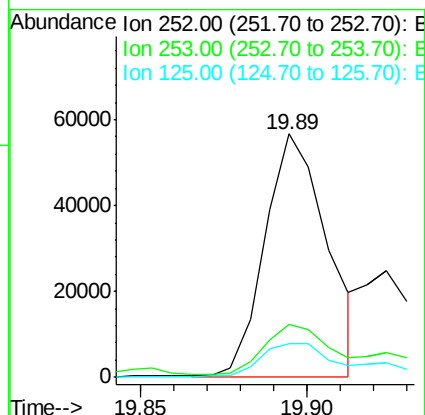
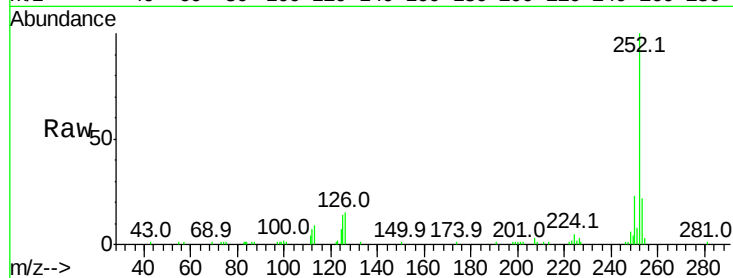
ClientSampleId :

E2-V7-WSW

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 74189 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.6  | 18.1  | 27.1  |
| 125       | 13.6  | 9.8   | 14.8  |

Manual Integrations  
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#88

Benzo(k)fluoranthene

Concen: 3.61 ng m

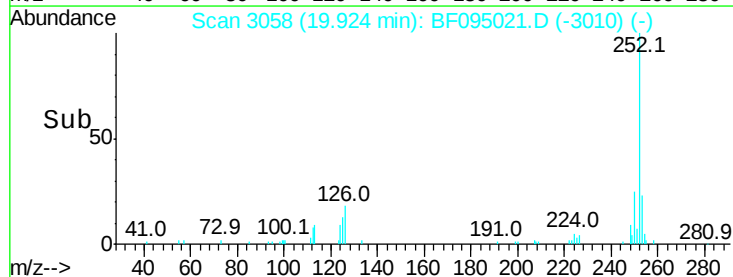
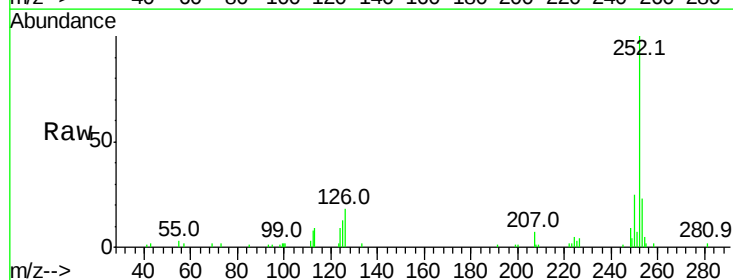
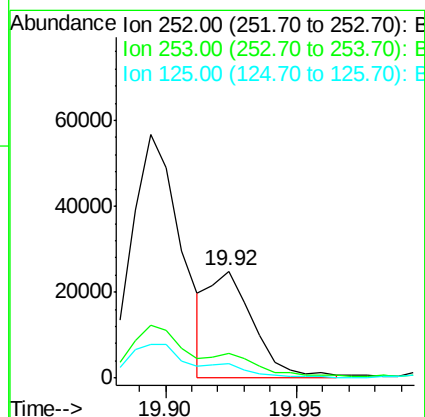
RT: 19.92 min Scan# 3058

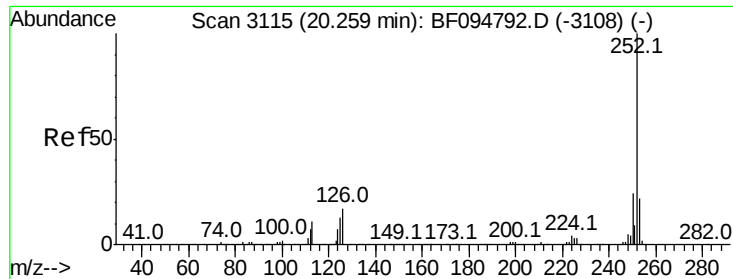
Delta R.T. -0.02 min

Lab File: BF095021.D

Acq: 9 May 2017 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 29065 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 23.2  | 18.4  | 27.6  |
| 125       | 13.2  | 13.1  | 19.7  |





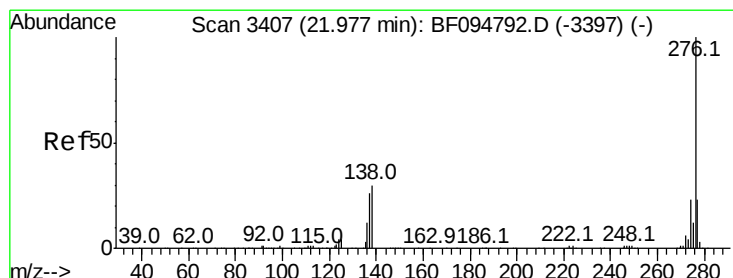
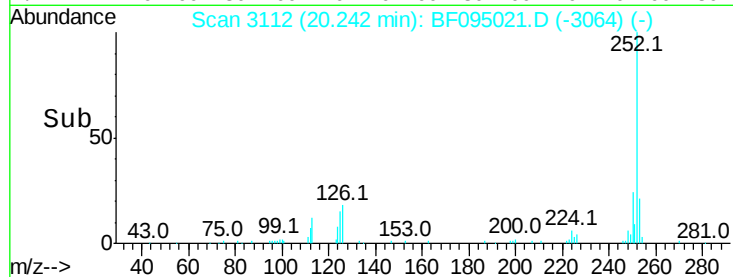
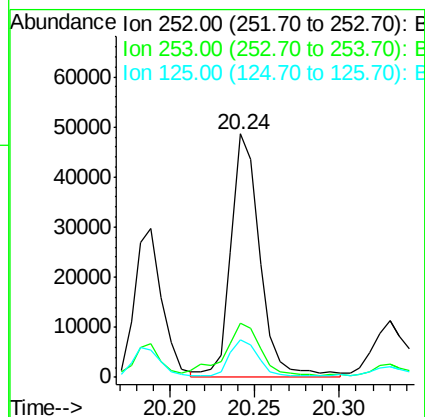
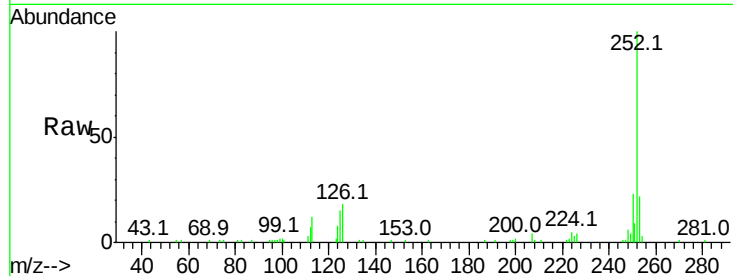
#89  
Benzo(a)pyrene  
Concen: 7.58 ng  
RT: 20.24 min Scan# 3112  
Delta R.T. -0.02 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
E2-V7-WSW

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 58337 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.1  | 17.5  | 26.3  |
| 125       | 15.3  | 11.0  | 16.4  |

Manual Integrations  
APPROVED

mohammad  
5/9/2017 5:27:47 PM



#91  
Benzo(g,h,i)perylene  
Concen: 4.55 ng  
RT: 21.98 min Scan# 3407  
Delta R.T. 0.00 min  
Lab File: BF095021.D  
Acq: 9 May 2017 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 28362 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 23.9  | 18.6  | 28.0  |
| 138       | 34.7  | 25.4  | 38.0  |

