

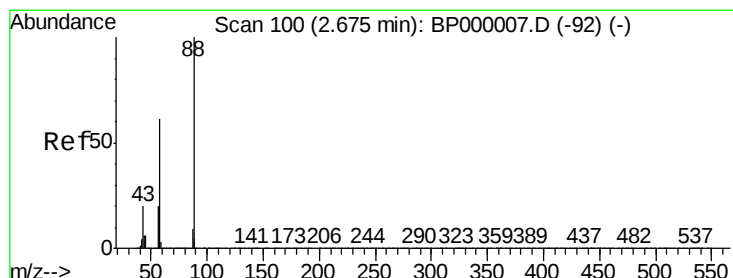
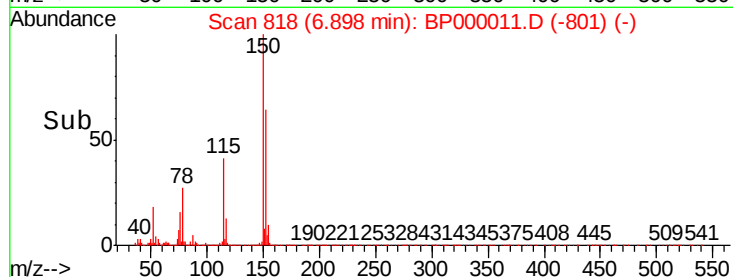
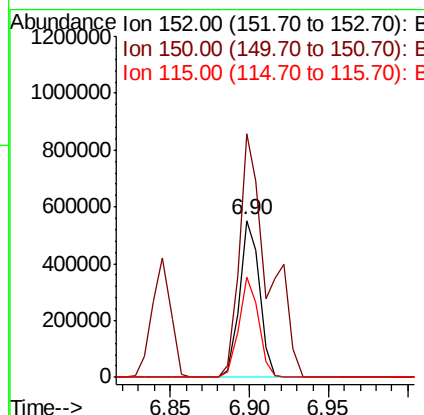
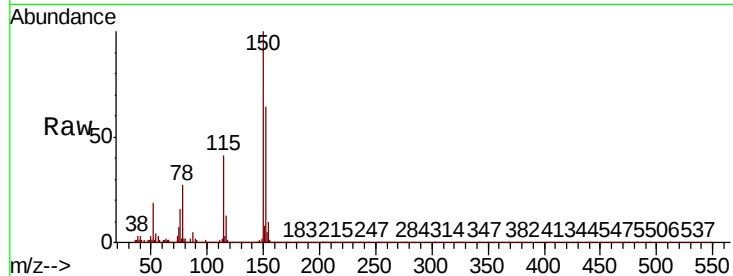
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.2 | 123.0 | 184.6 |
| 115     | 64.1  | 46.7  | 70.1  |

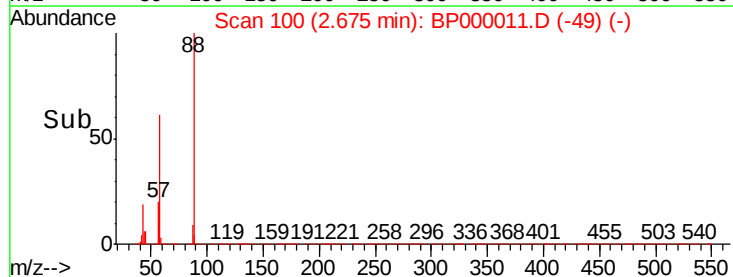
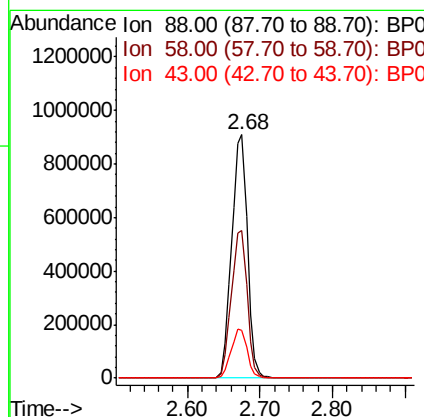
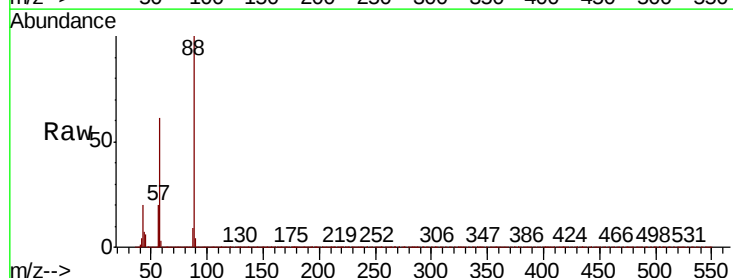
Manual Integrations  
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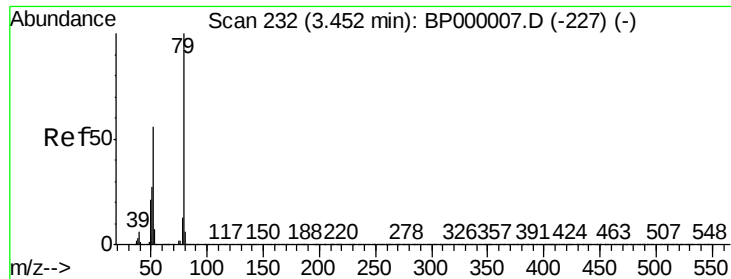
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#2  
 1,4-Dioxane  
 Concen: 64.949 ng  
 RT: 2.68 min Scan# 100  
 Delta R.T. -0.00 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.4  | 49.8  | 74.8  |
| 43      | 20.2  | 16.9  | 25.3  |





#3

Pvridine

Concen: 64.092 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

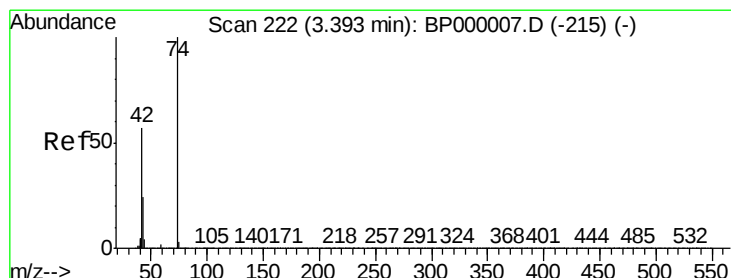
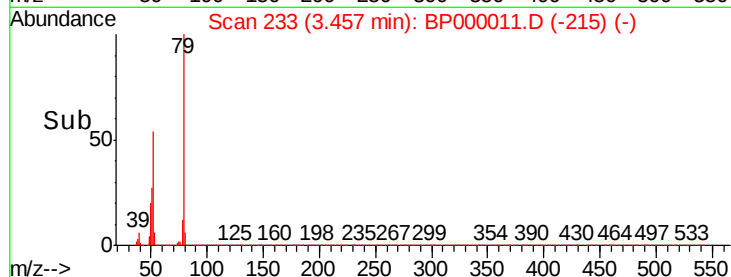
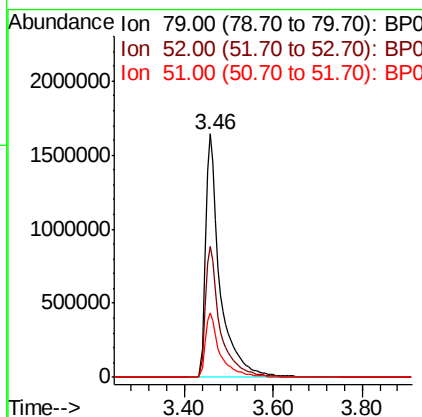
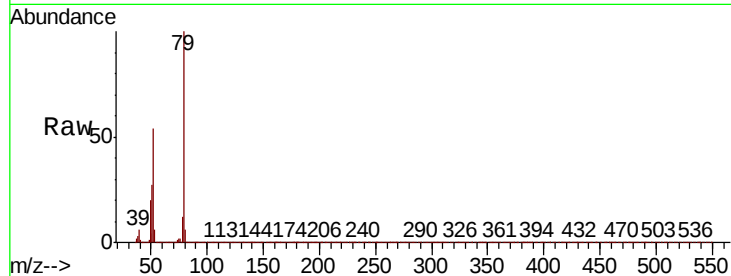
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 79    | Resp: | 3733427 |
| Ion      | Ratio | Lower | Upper   |
| 79       | 100   |       |         |
| 52       | 53.9  | 44.5  | 66.7    |
| 51       | 26.7  | 21.8  | 32.6    |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 54.072 ng

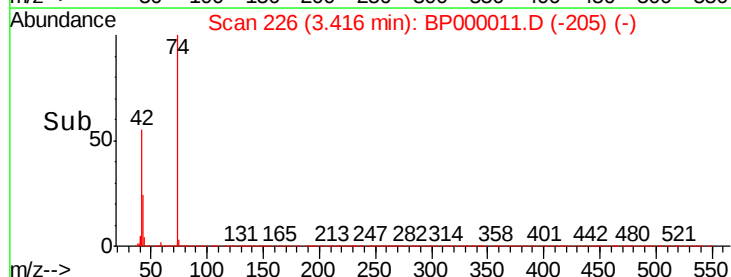
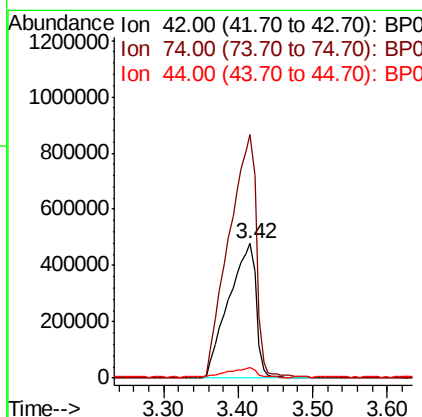
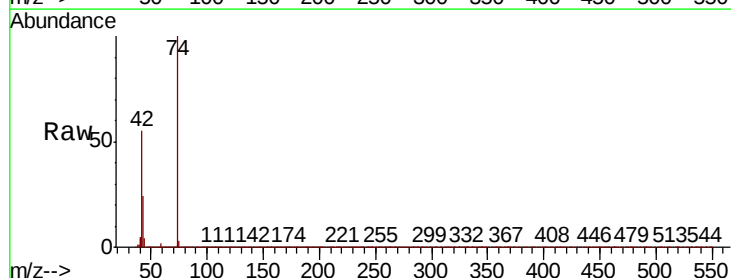
RT: 3.42 min Scan# 226

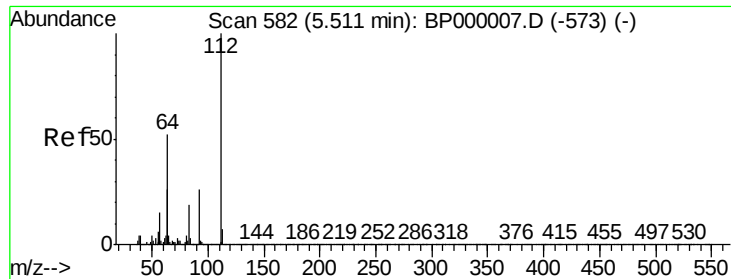
Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 42    | Resp: | 1222181 |
| Ion      | Ratio | Lower | Upper   |
| 42       | 100   |       |         |
| 74       | 181.0 | 139.9 | 209.9   |
| 44       | 7.5   | 6.9   | 10.3    |





#5

2-Fluorophenol

Concen: 126.542 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion:112 Resp: 5488143

Ion Ratio Lower Upper

112 100

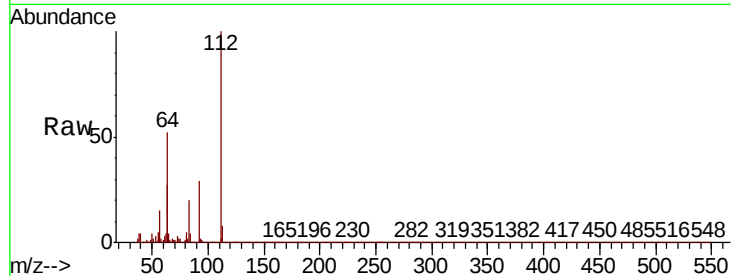
64 51.7 41.8 62.8

63 26.9 21.0 31.4

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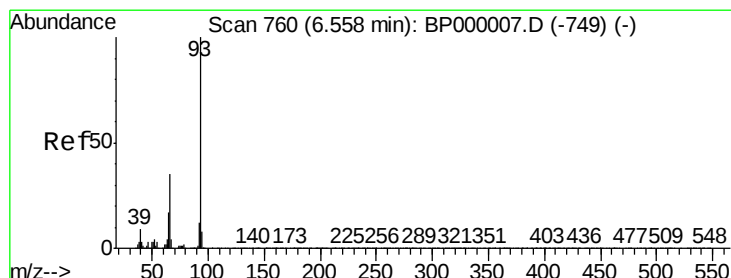
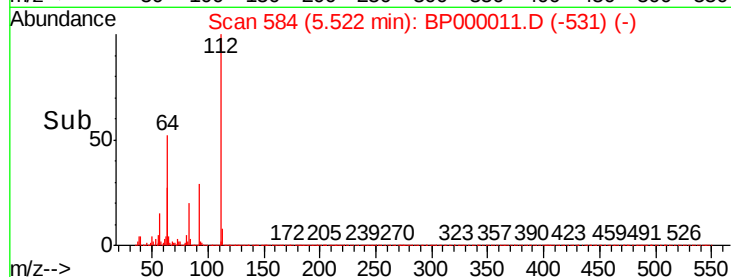
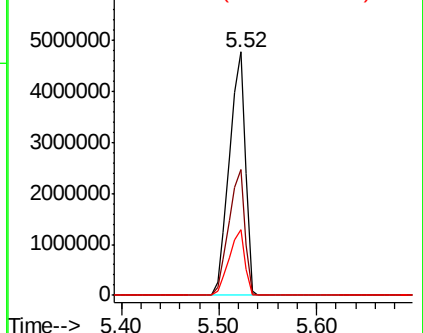
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 91.893 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

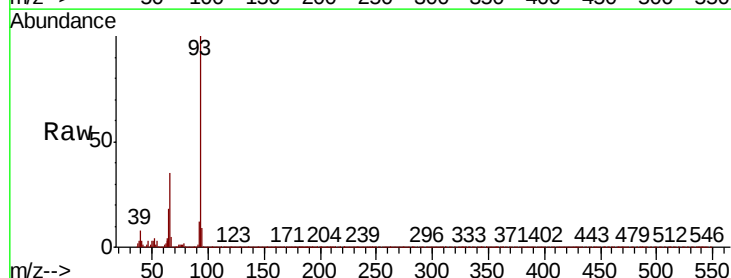
Tgt Ion: 93 Resp: 5464404

Ion Ratio Lower Upper

93 100

66 35.1 27.8 41.8

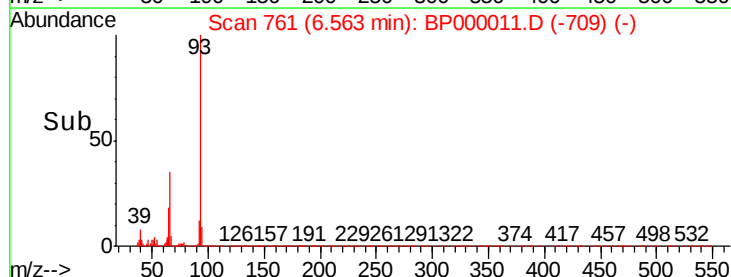
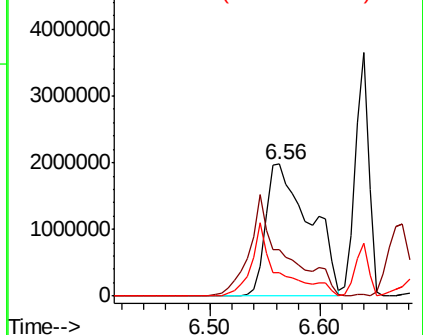
65 17.8 13.9 20.9

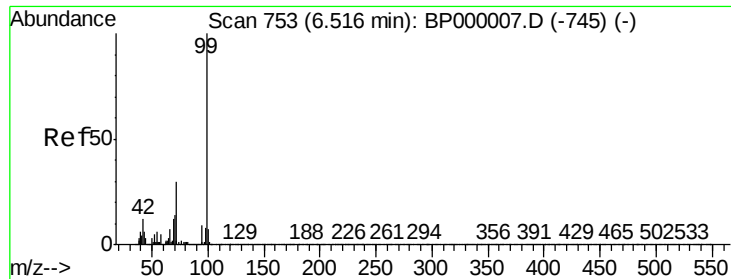


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 159.103 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion: 99 Resp: 7025887

Ion Ratio Lower Upper

99 100

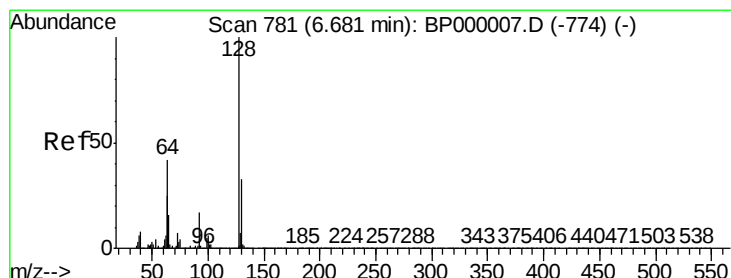
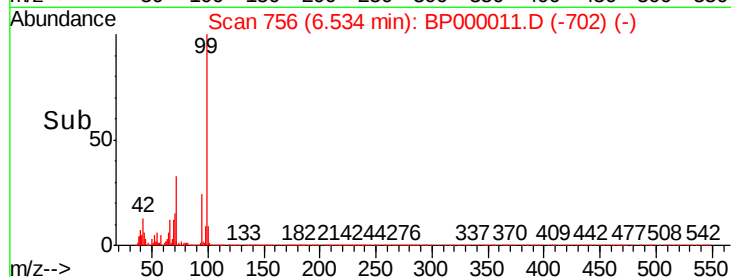
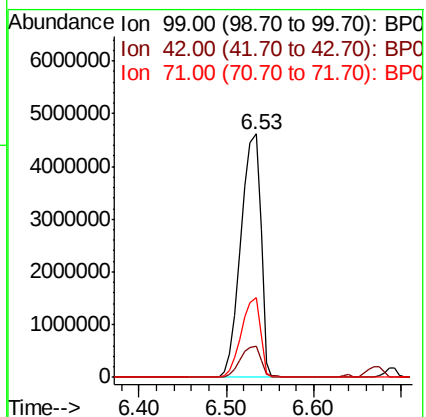
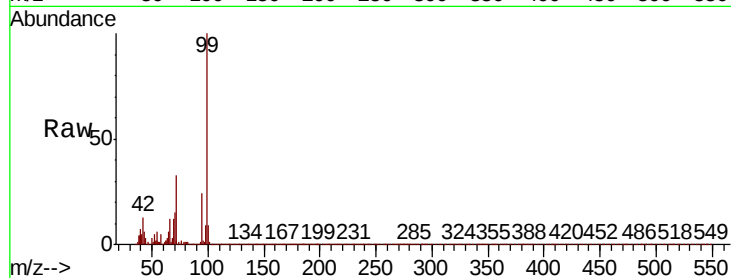
42 13.0 9.8 14.8

71 32.5 23.8 35.8

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#8

2-Chlorophenol

Concen: 75.181 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

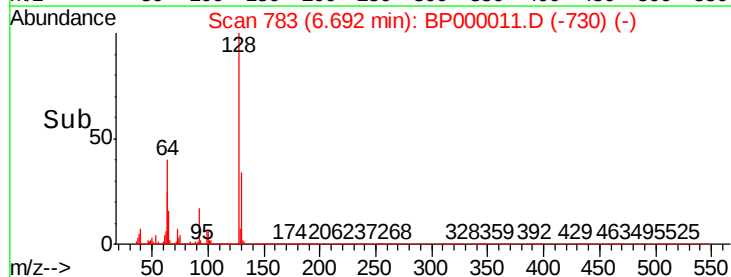
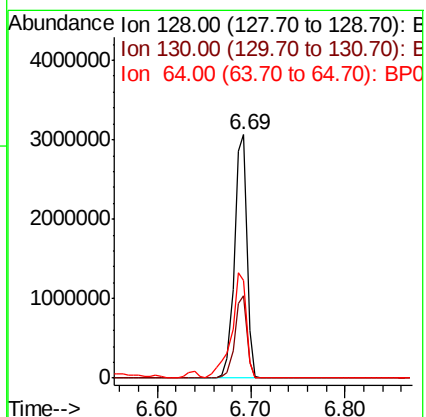
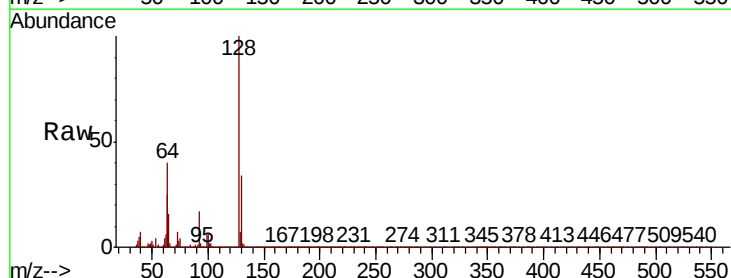
Tgt Ion: 128 Resp: 2824804

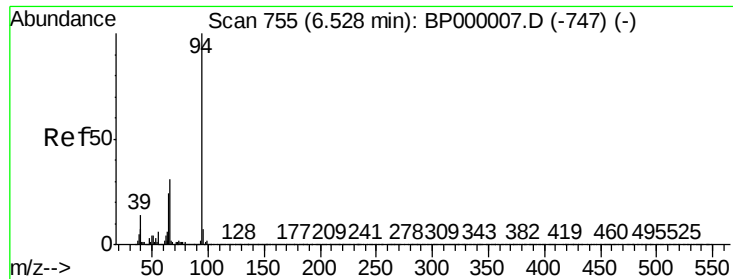
Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

64 40.1 22.0 62.0





#10

Phenol

Concen: 84.744 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion: 94 Resp: 4166484

Ion Ratio Lower Upper

94 100

65 26.3 4.1 44.1

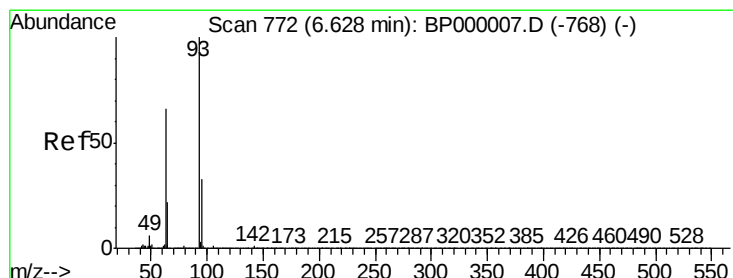
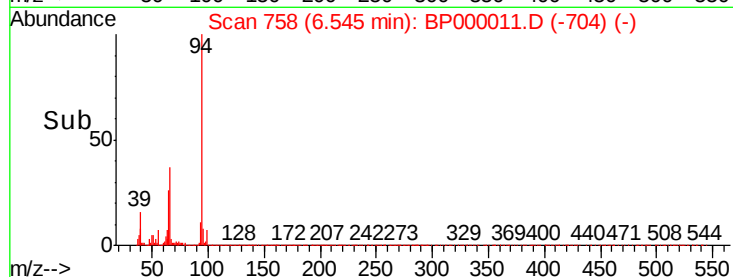
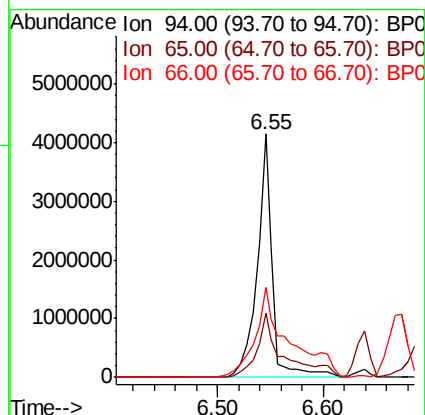
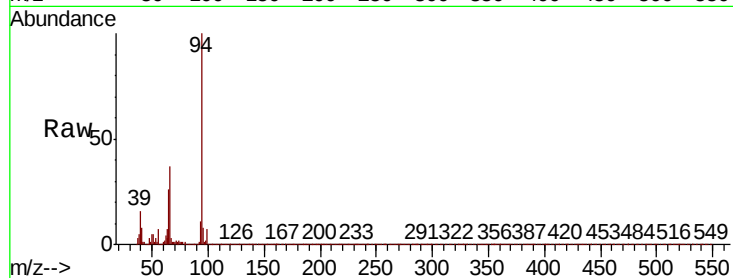
66 36.7 11.4 51.4

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#11

bis(2-Chloroethyl)ether

Concen: 85.270 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

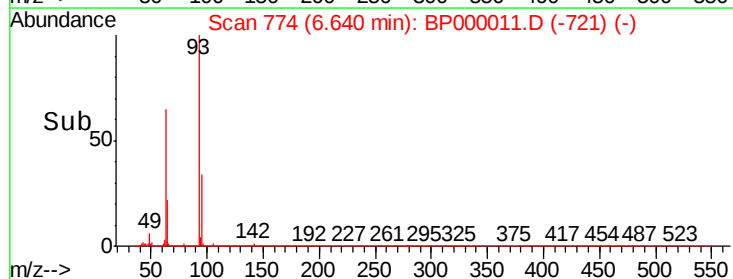
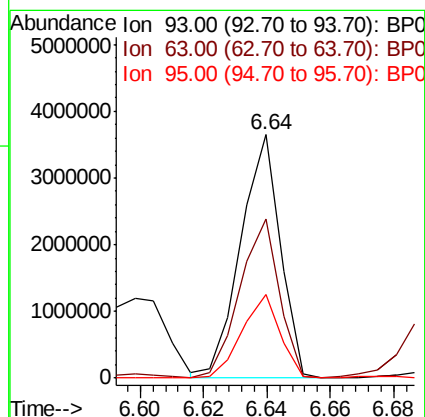
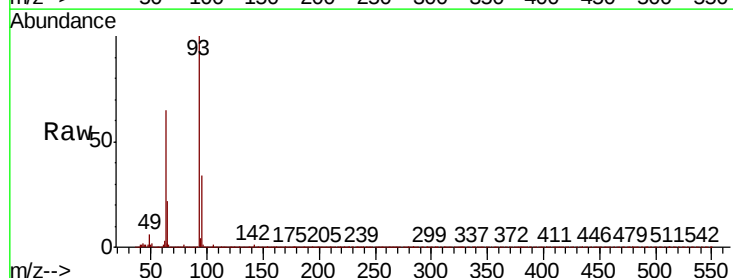
Tgt Ion: 93 Resp: 3141543

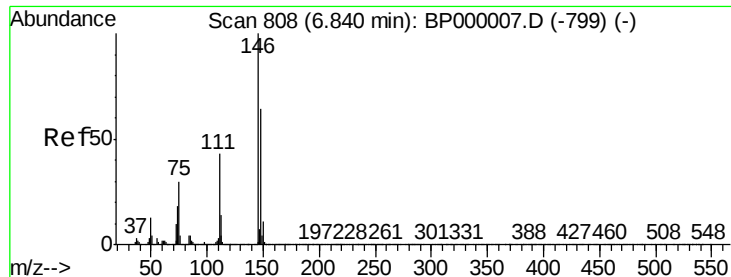
Ion Ratio Lower Upper

93 100

63 65.2 46.0 86.0

95 34.3 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 82.684 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion:146 Resp: 3226480

Ion Ratio Lower Upper

146 100

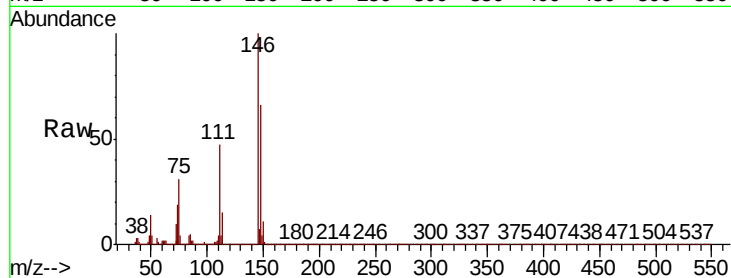
148 66.4 51.4 77.2

75 31.4 24.0 36.0

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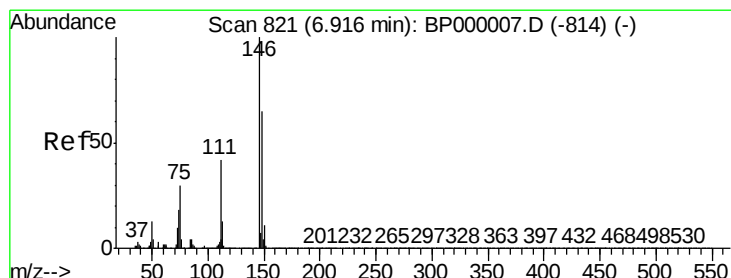
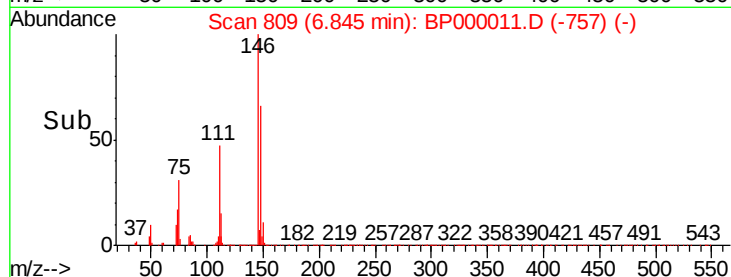
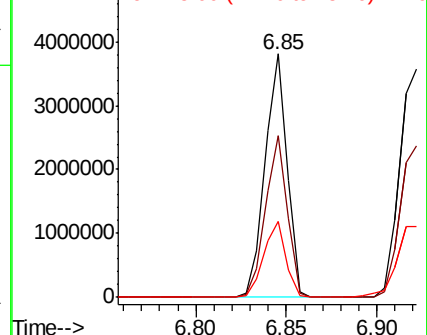


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BPO



#13

1,4-Dichlorobenzene

Concen: 84.693 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

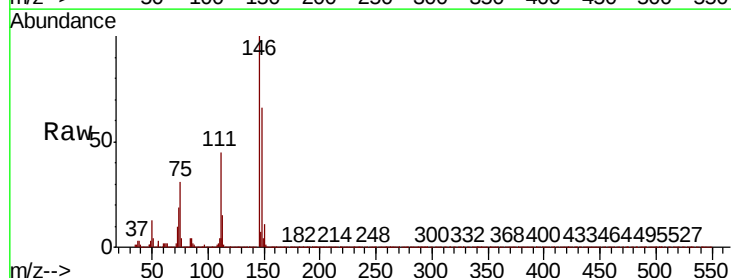
Tgt Ion:146 Resp: 3188417

Ion Ratio Lower Upper

146 100

148 66.5 51.6 77.4

111 45.1 33.4 50.0

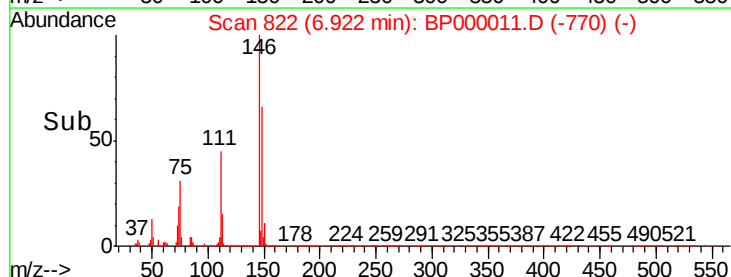
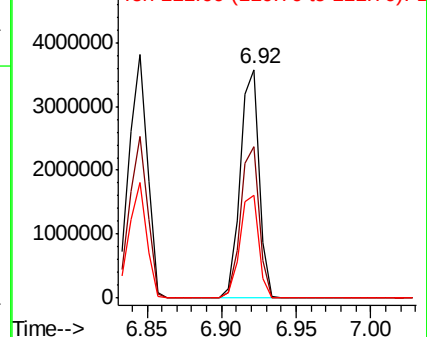


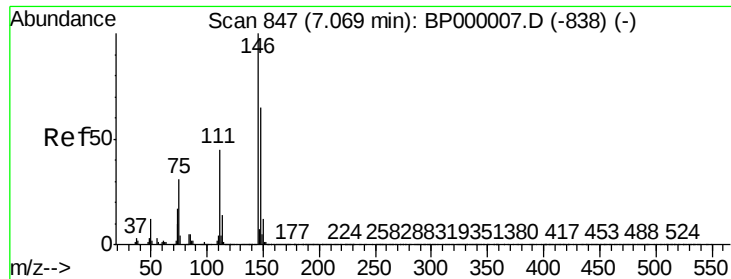
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





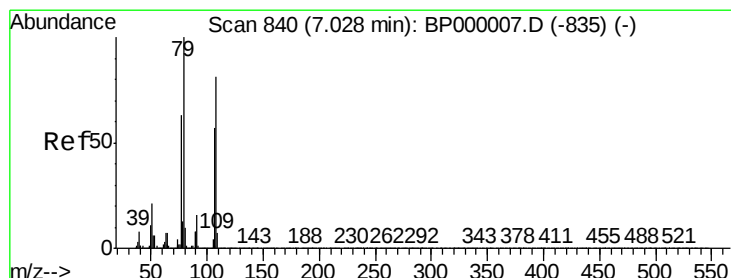
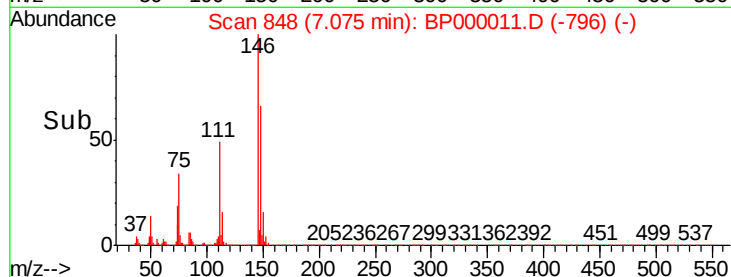
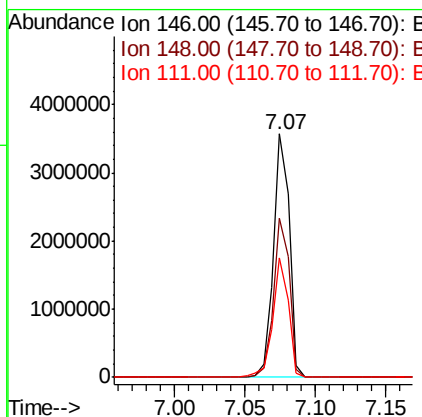
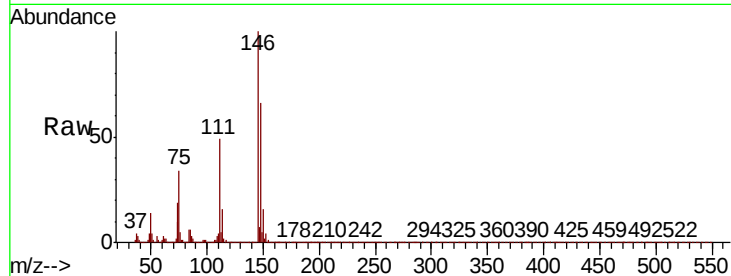
#14  
 1,2-Dichlorobenzene  
 Concen: 84.215 ng  
 RT: 7.07 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

Tot Ion:146 Resp: 2813075  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 51.8 77.8  
 111 49.2 36.4 54.6

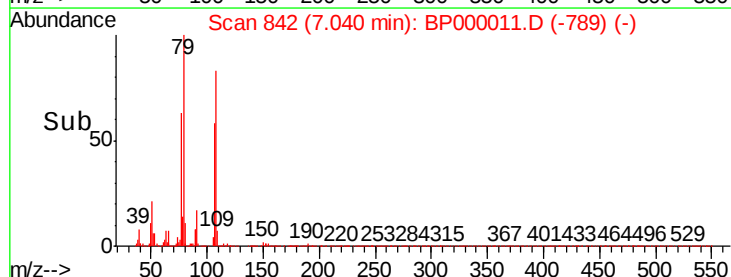
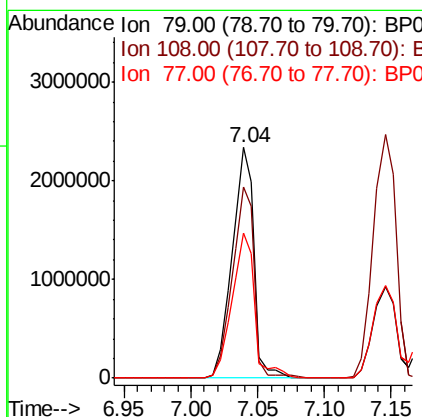
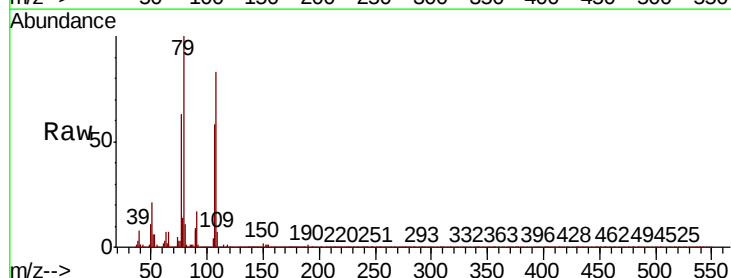
Manual Integrations  
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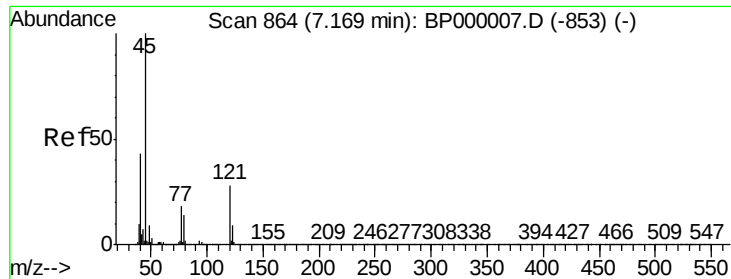
mohammad  
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#15  
 Benzyl Alcohol  
 Concen: 89.866 ng  
 RT: 7.04 min Scan# 842  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Tgt Ion: 79 Resp: 2684602  
 Ion Ratio Lower Upper  
 79 100  
 108 83.2 64.5 96.7  
 77 63.0 50.3 75.5





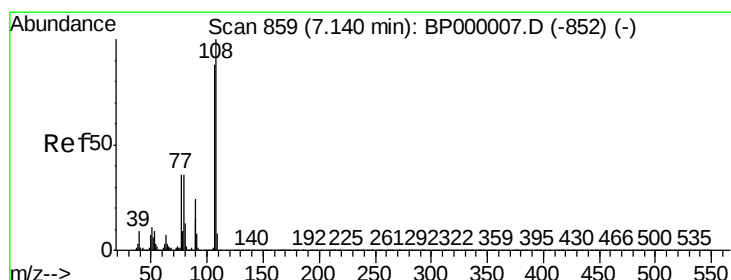
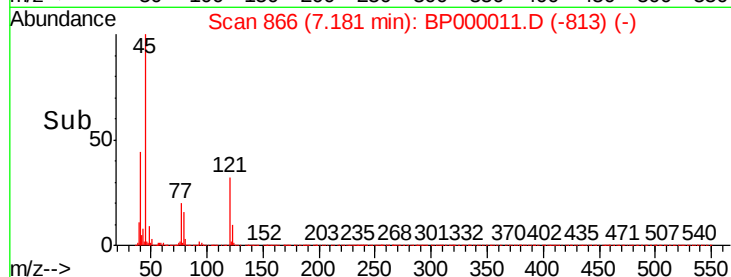
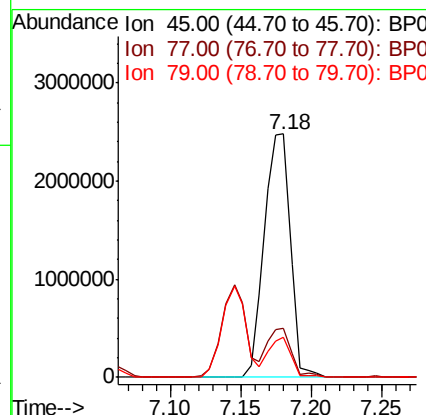
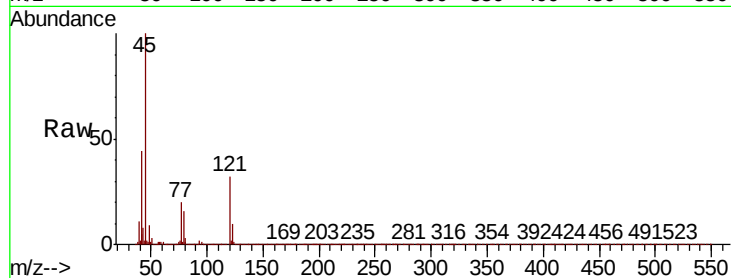
#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 91.084 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 20.3  | 0.0   | 38.0  |
| 79      | 16.2  | 0.0   | 33.9  |

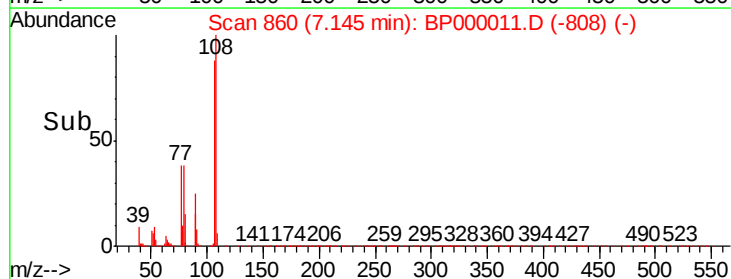
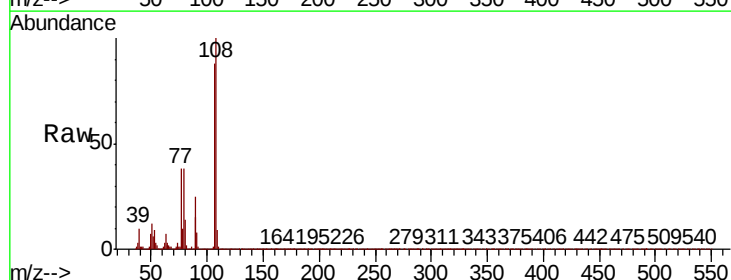
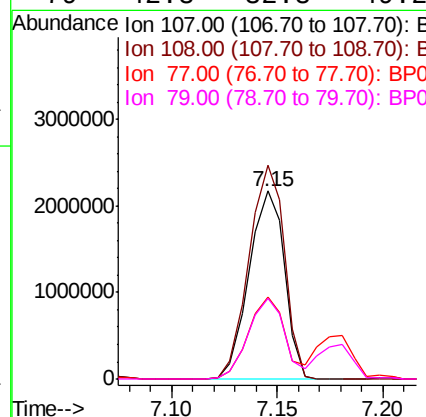
Manual Integrations  
APPROVED

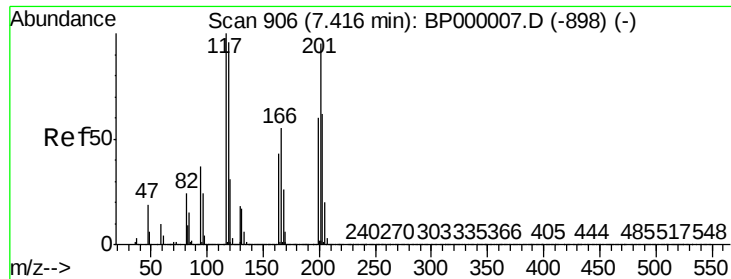
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9/4/2019 1:46:59 PM



#17  
2-Methylphenol  
Concen: 96.999 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.6 | 90.9  | 136.3 |
| 77      | 43.4  | 33.2  | 49.8  |
| 79      | 42.8  | 32.8  | 49.2  |





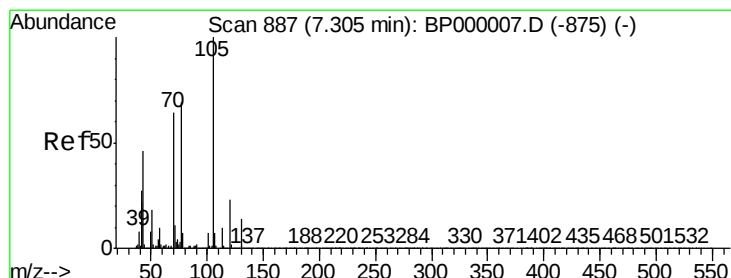
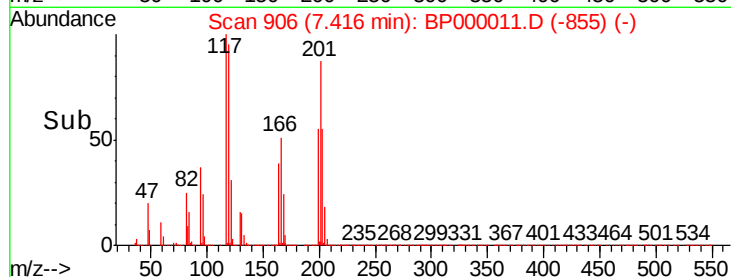
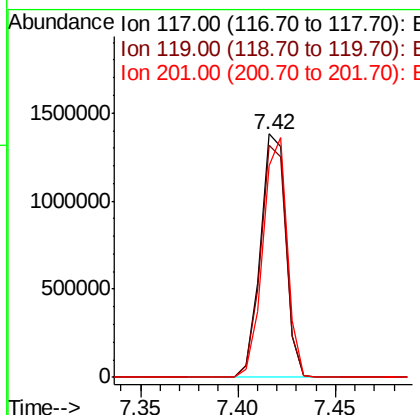
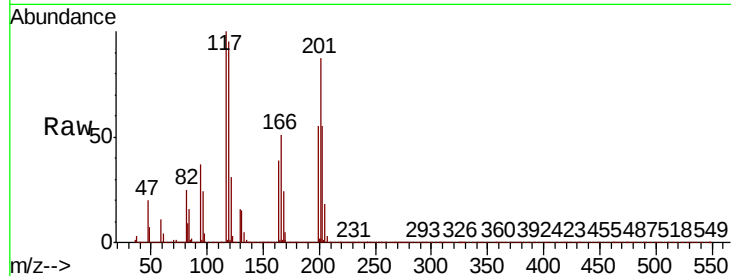
#18  
Hexachloroethane  
Concen: 93.948 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.1  | 77.0  | 115.6 |
| 201     | 86.8  | 76.2  | 114.4 |

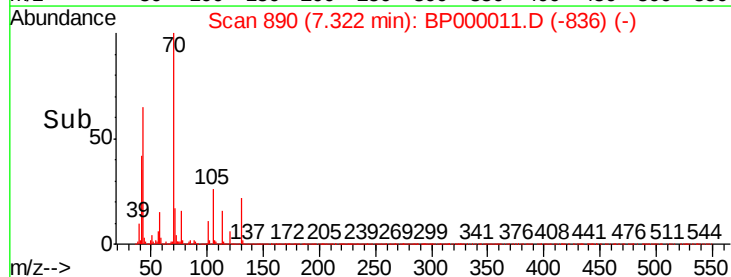
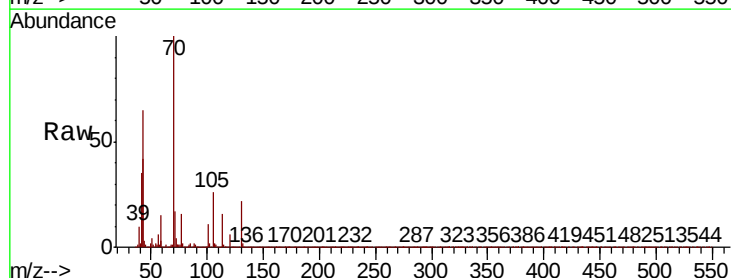
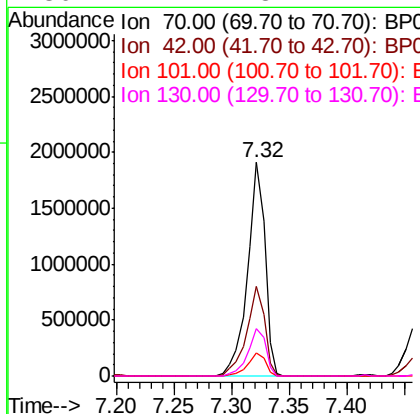
Manual Integrations  
APPROVED

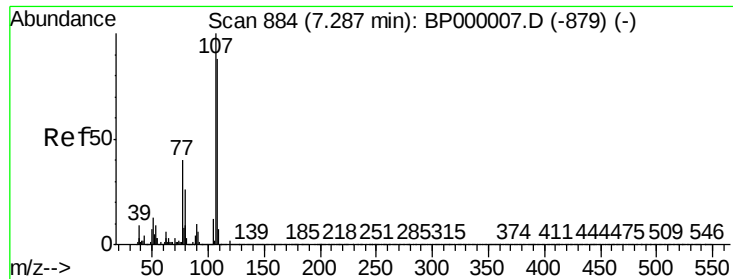
mohammad  
9/4/2019 1:46:59 PM



#19  
n-Nitroso-di-n-propylamine  
Concen: 86.179 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 42.1  | 33.8  | 50.6  |
| 101     | 10.7  | 8.7   | 13.1  |
| 130     | 22.1  | 18.1  | 27.1  |





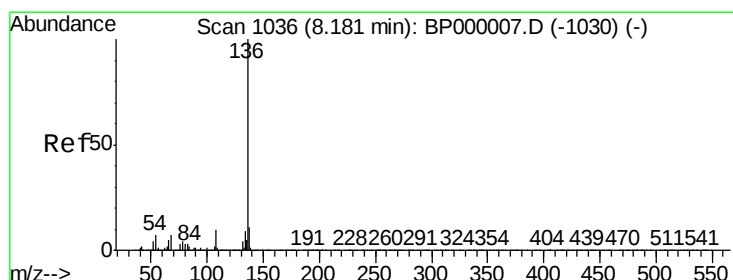
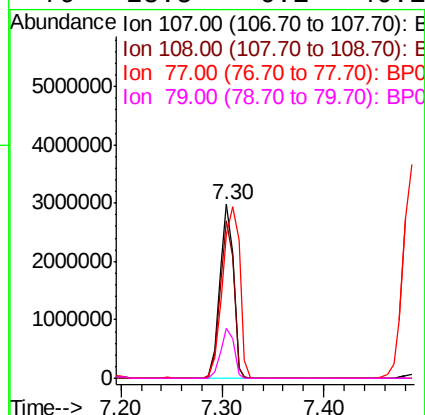
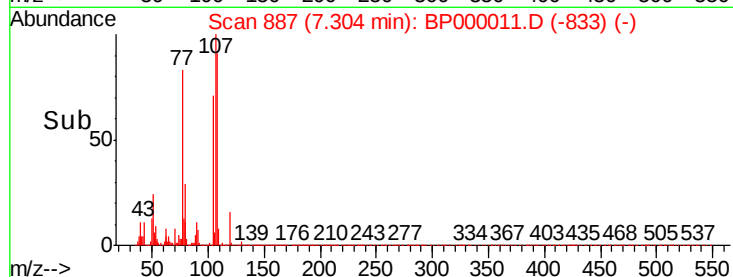
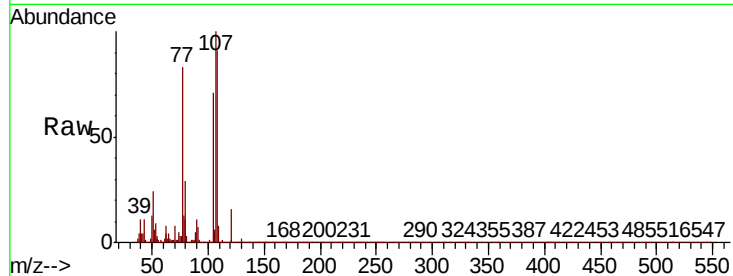
#20  
3+4-Methylphenols  
Concen: 82.734 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 107   | Resp: | 2775981 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 90.6  | 68.1  | 108.1   |
| 77       | 82.6  | 19.8  | 59.8    |
| 79       | 28.5  | 6.1   | 46.1    |

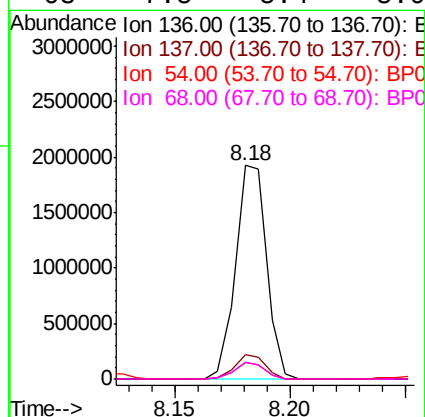
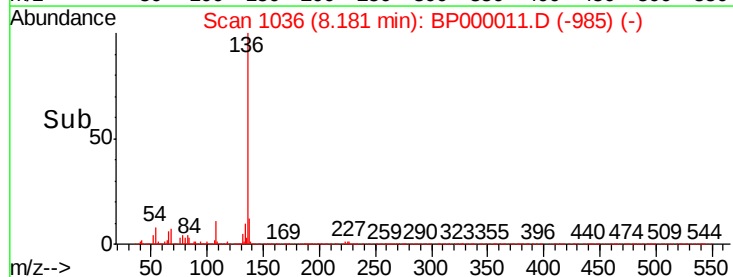
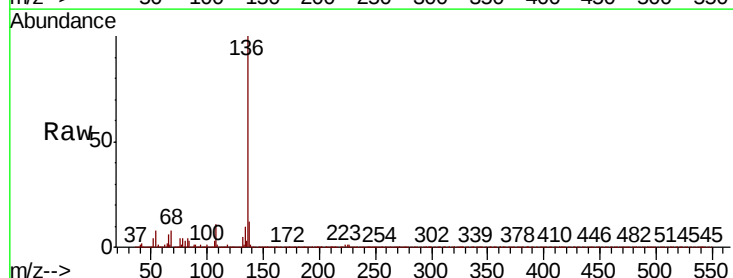
Manual Integrations  
APPROVED

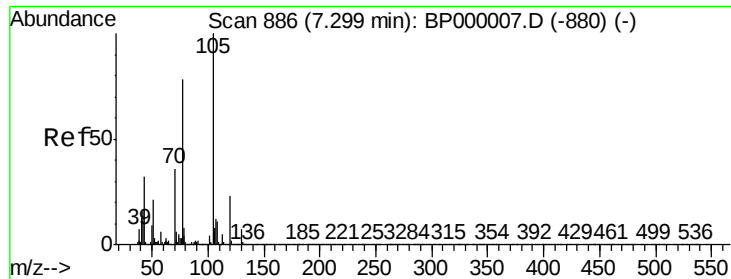
mohammad  
9/4/2019 1:46:59 PM



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1804003 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.6  | 8.6   | 13.0    |
| 54       | 7.9   | 5.4   | 8.2     |
| 68       | 7.5   | 5.4   | 8.0     |





#22

Acetophenone

Concen: 71.779 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

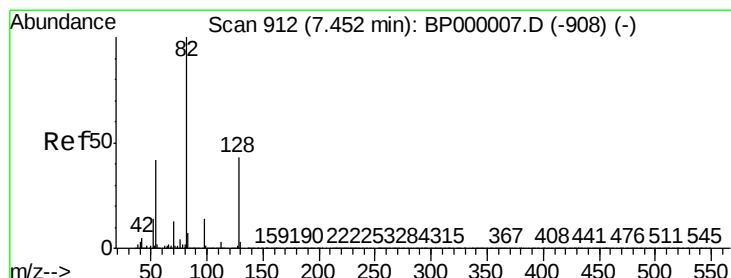
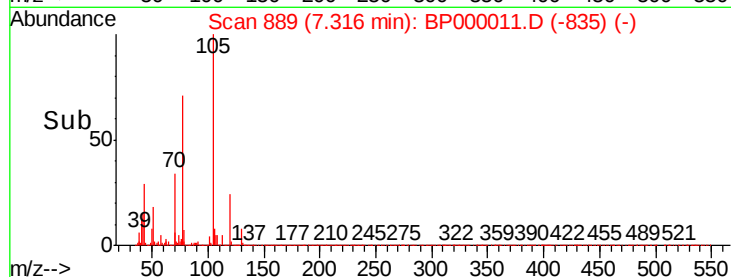
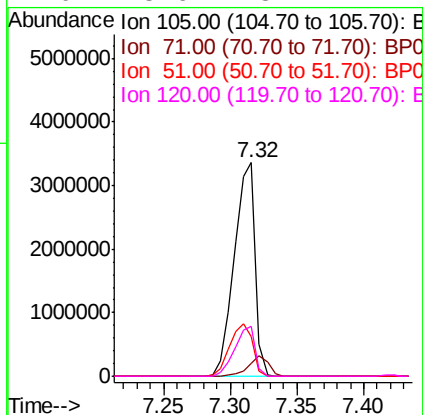
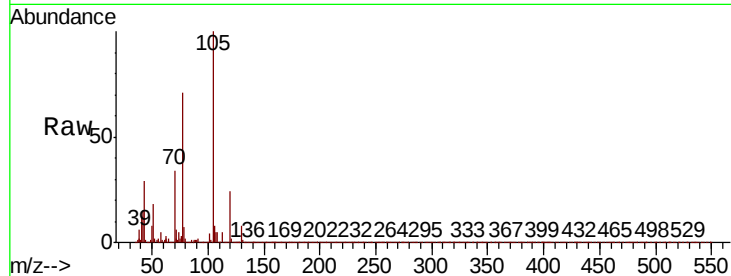
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 105   | Resp: | 3680509 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 5.7   | 4.8   | 7.2     |
| 51       | 18.4  | 17.0  | 25.4    |
| 120      | 23.6  | 18.1  | 27.1    |

Manual Integrations  
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#23

Nitrobenzene-d5

Concen: 161.442 ng

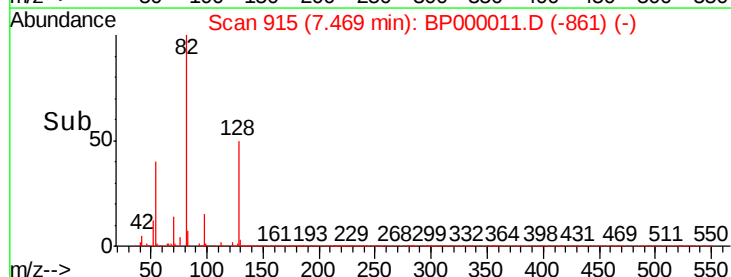
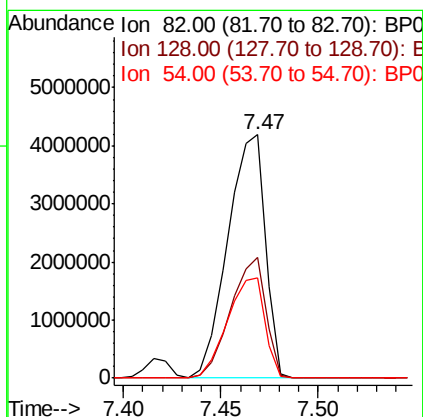
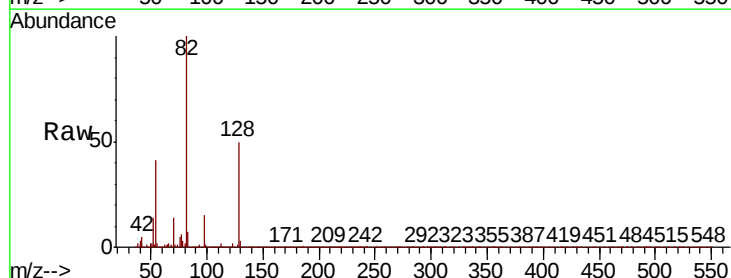
RT: 7.47 min Scan# 915

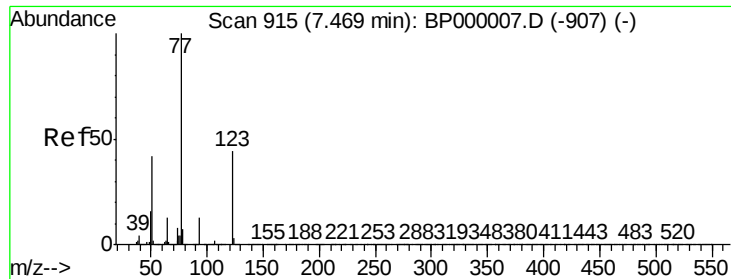
Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 5581966 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 49.7  | 34.5  | 51.7    |
| 54       | 41.2  | 33.2  | 49.8    |





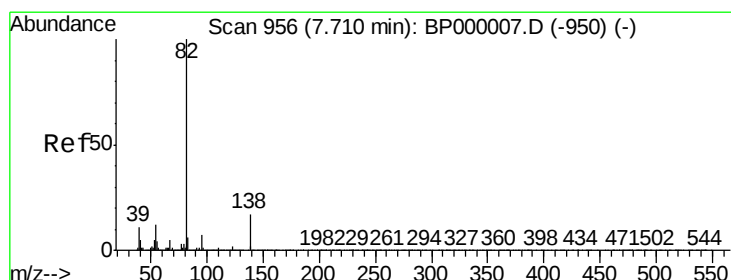
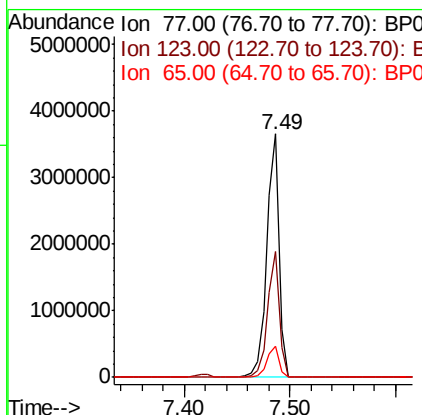
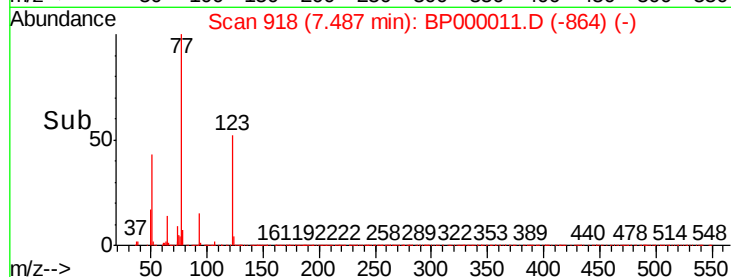
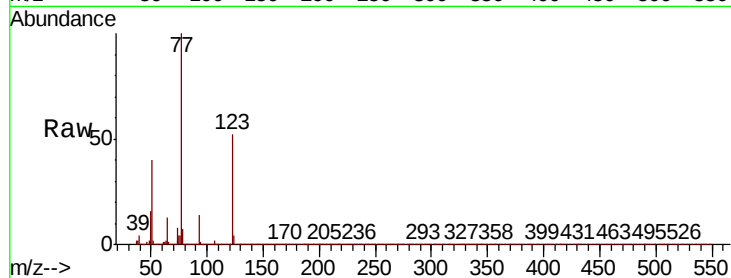
#24  
Nitrobenzene  
Concen: 85.811 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.8  | 35.8  | 53.8  |
| 65      | 13.0  | 10.1  | 15.1  |

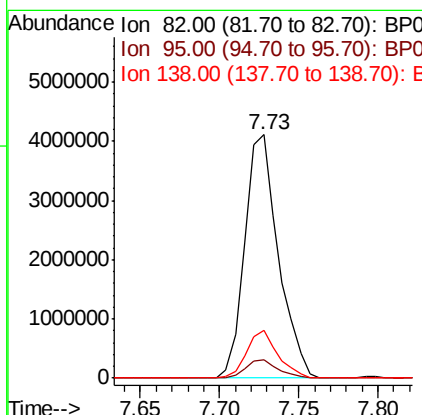
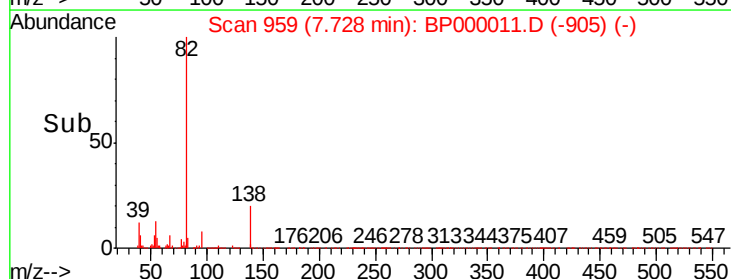
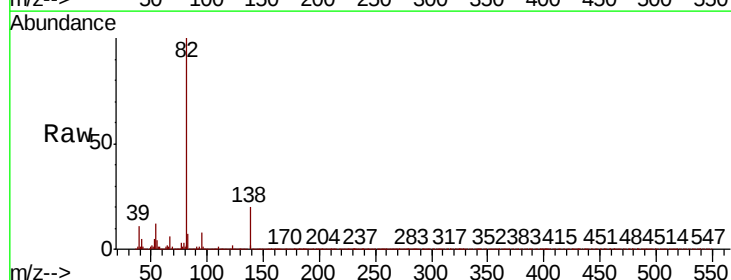
Manual Integrations  
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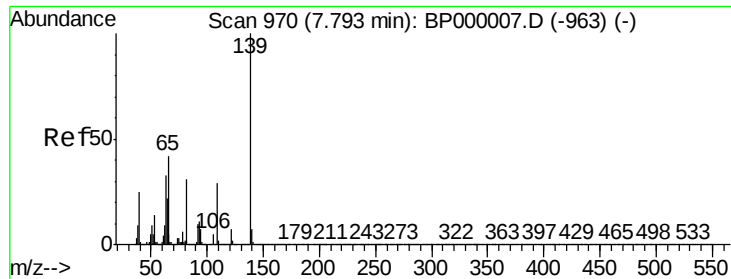
mohammad  
9/4/2019 1:46:59 PM



#25  
Isophorone  
Concen: 97.366 ng  
RT: 7.73 min Scan# 959  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.6   | 5.6   | 8.4   |
| 138     | 19.5  | 13.8  | 20.6  |





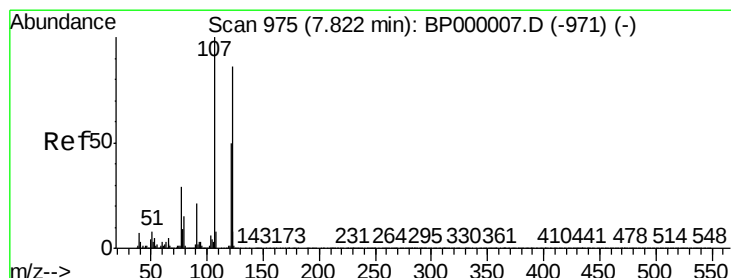
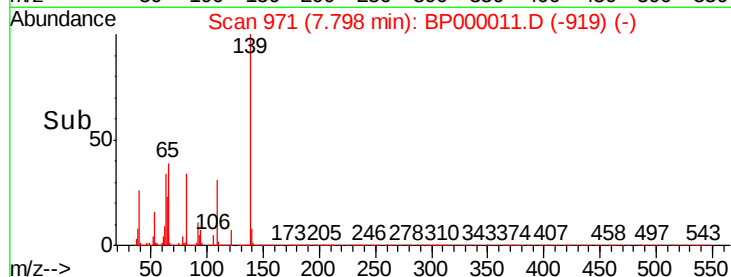
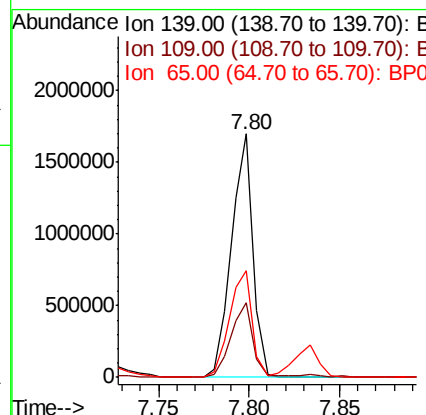
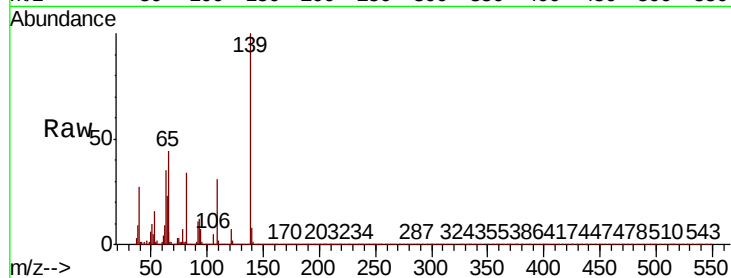
#26  
2-Nitrophenol  
Concen: 88.504 ng  
RT: 7.80 min Scan# 971  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 30.6  | 23.4  | 35.0  |
| 65      | 44.0  | 33.4  | 50.0  |

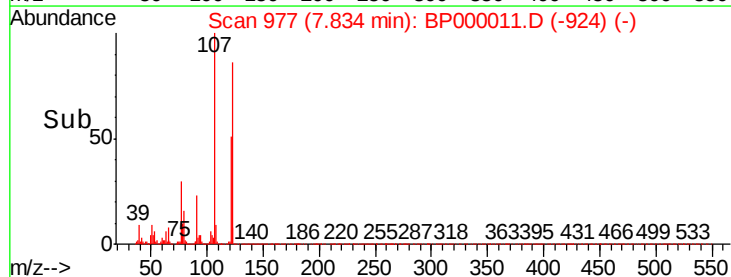
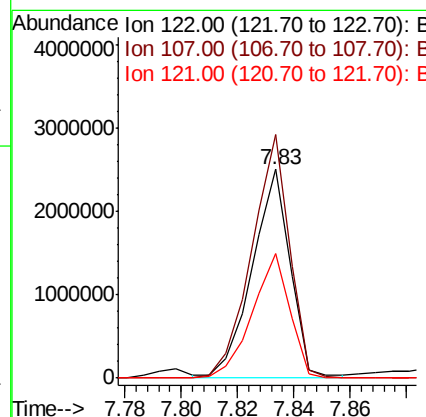
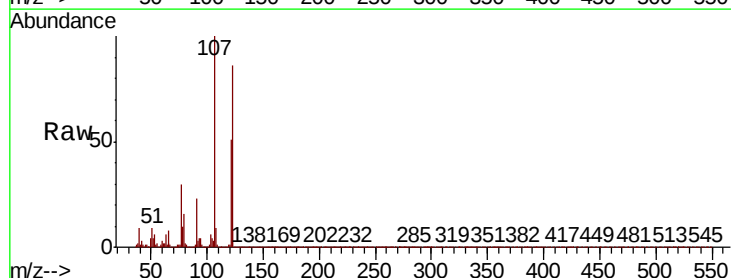
Manual Integrations  
APPROVED

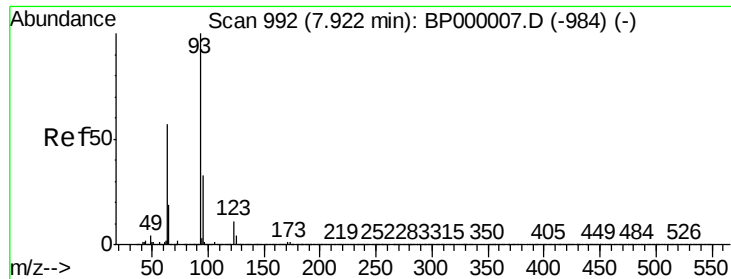
mohammad  
9/4/2019 1:46:59 PM



#27  
2,4-Dimethylphenol  
Concen: 96.713 ng  
RT: 7.83 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.8 | 92.9  | 139.3 |
| 121     | 59.4  | 46.8  | 70.2  |





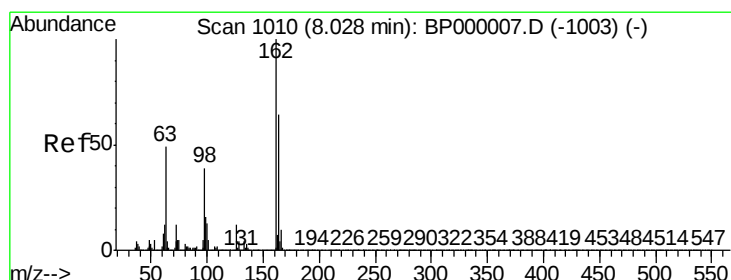
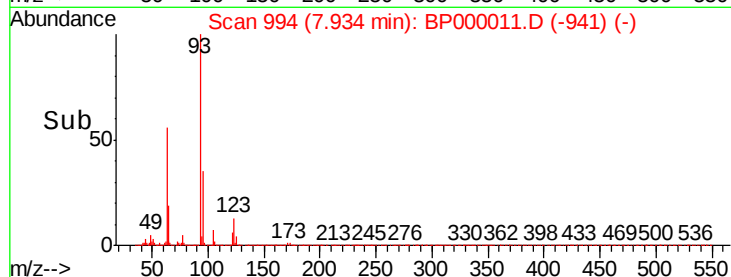
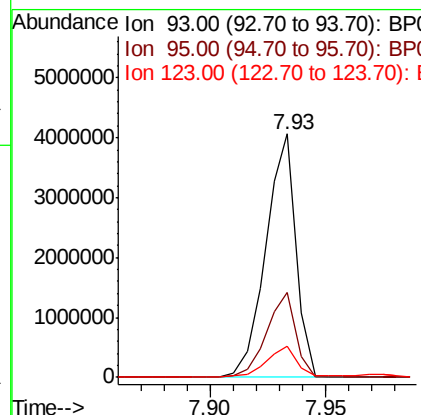
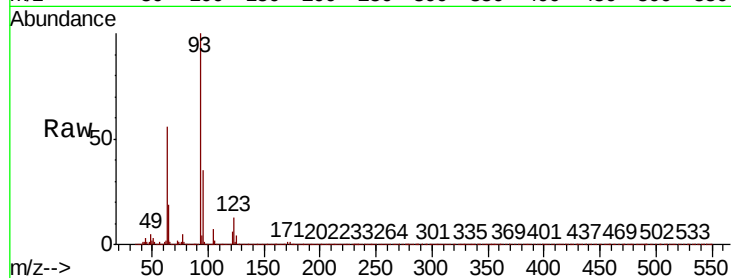
#28  
bis(2-Chloroethoxy)methane  
Concen: 96.383 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

Tot Ion: 93 Resp: 3681137  
Ion Ratio Lower Upper  
93 100  
95 34.8 26.1 39.1  
123 12.7 9.0 13.4

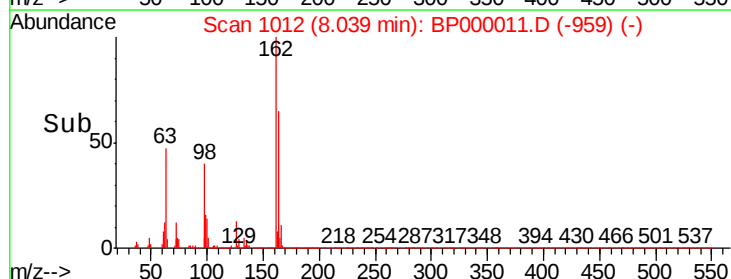
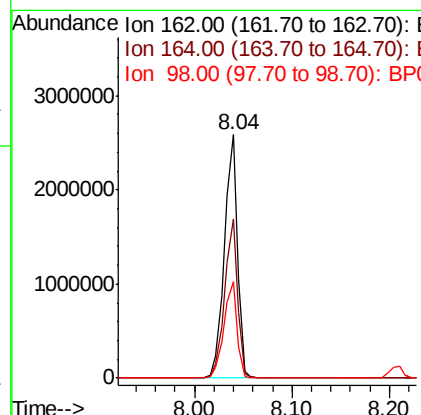
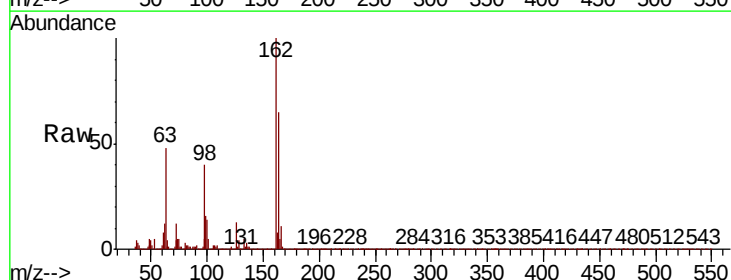
Manual Integrations  
APPROVED

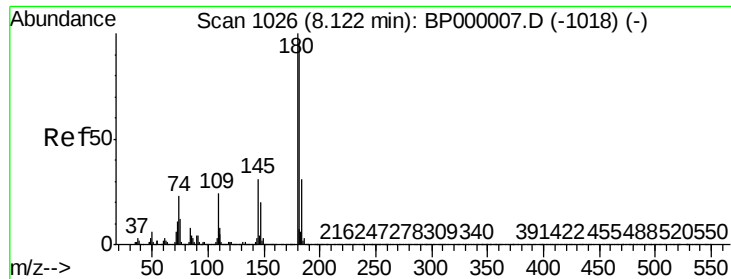
mohammad  
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#29  
2,4-Dichlorophenol  
Concen: 93.252 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Tgt Ion:162 Resp: 2419896  
Ion Ratio Lower Upper  
162 100  
164 65.4 44.2 84.2  
98 39.7 18.7 58.7





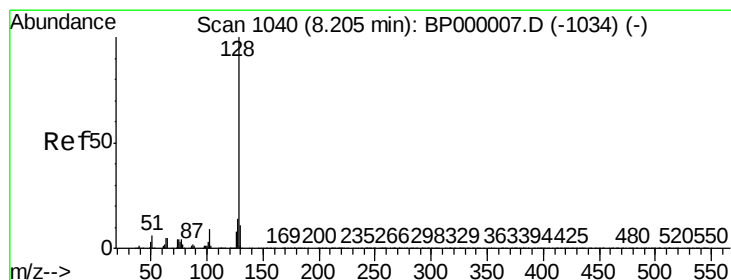
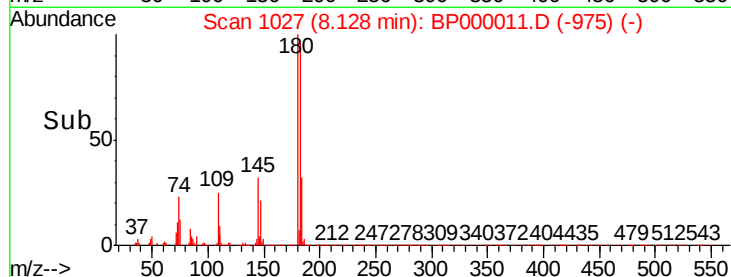
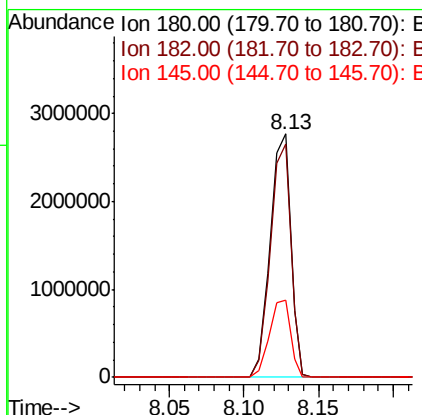
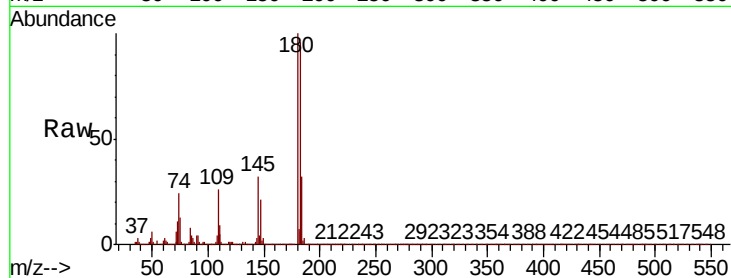
#30  
 1,2,4-Trichlorobenzene  
 Concen: 88.367 ng  
 RT: 8.13 min Scan# 1027  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 76.7  | 115.1 |
| 145     | 31.7  | 24.8  | 37.2  |

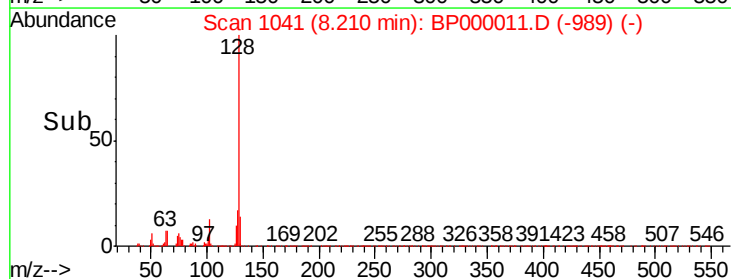
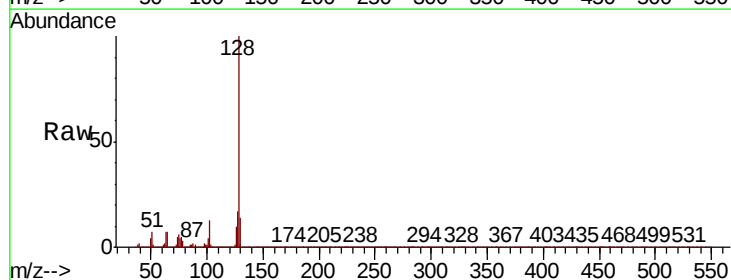
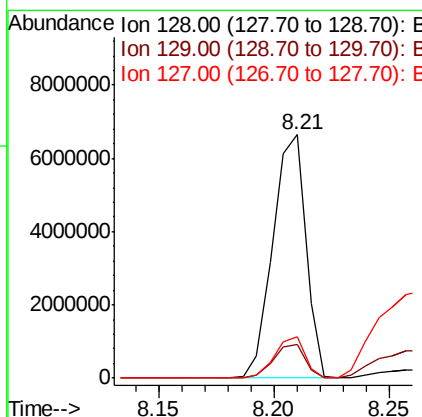
Manual Integrations  
 APPROVED

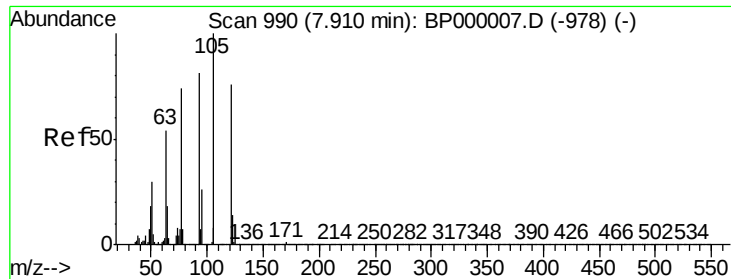
mohammad  
 9/4/2019 1:46:59 PM



#31  
 Naphthalene  
 Concen: 71.229 ng  
 RT: 8.21 min Scan# 1041  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 14.0  | 9.0   | 13.6# |
| 127     | 17.1  | 11.0  | 16.6# |





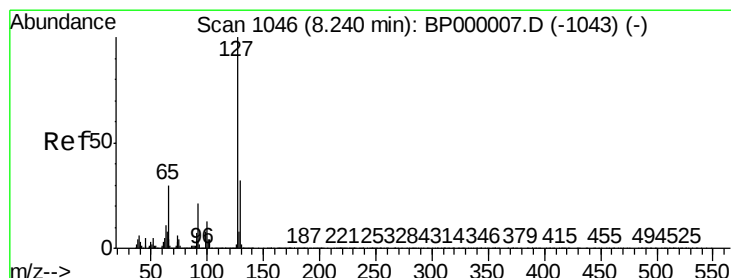
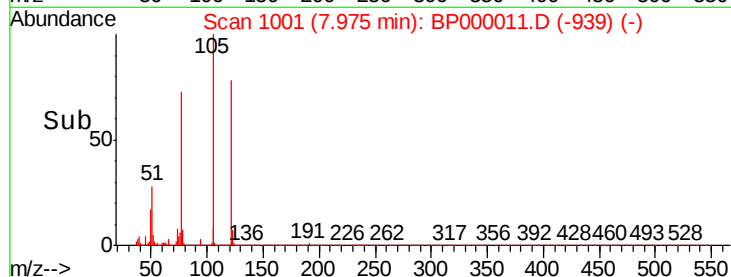
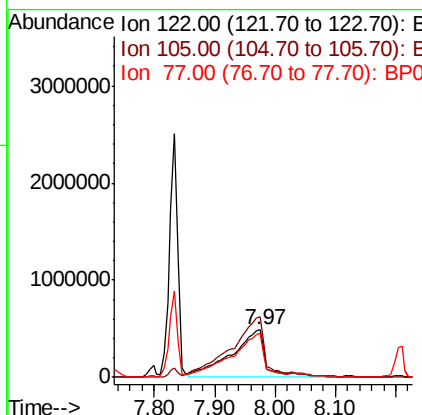
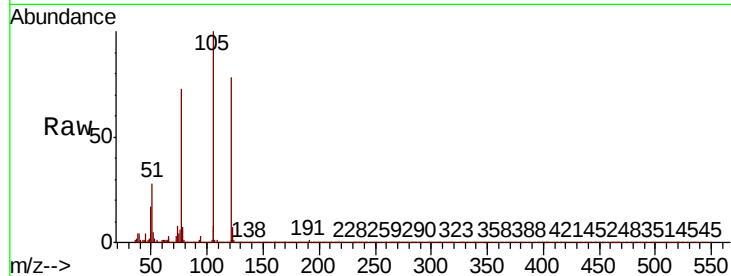
#32  
Benzoic acid  
Concen: 94.831 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.06 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.7 | 104.6 | 144.6 |
| 77      | 94.4  | 74.1  | 114.1 |

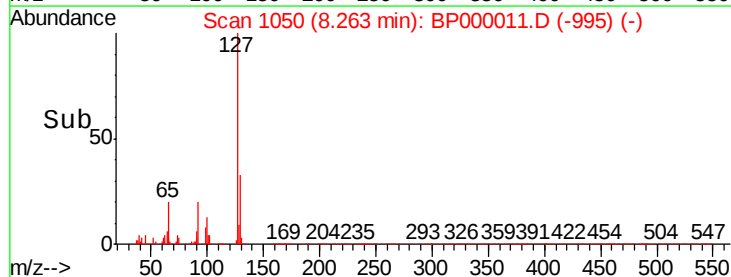
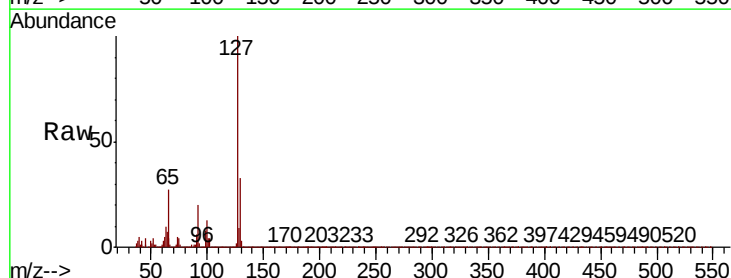
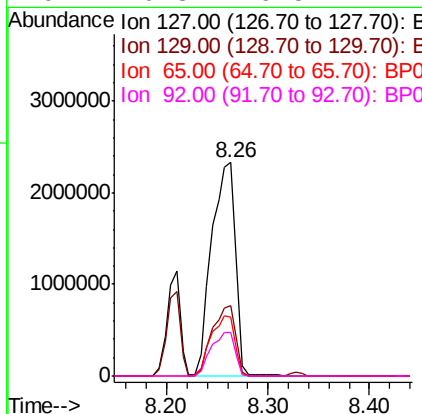
Manual Integrations  
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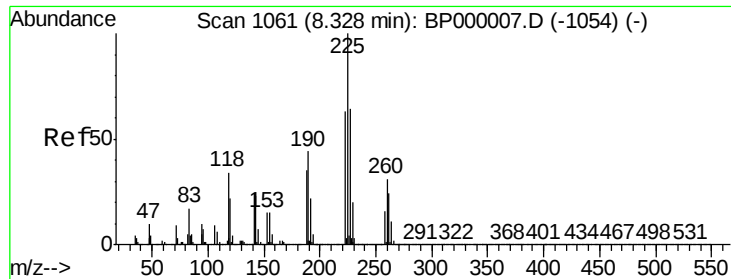
mohammad  
9/4/2019 1:46:59 PM



#33  
4-Chloroaniline  
Concen: 97.291 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.9  | 25.8  | 38.6  |
| 65      | 27.4  | 24.2  | 36.2  |
| 92      | 20.3  | 16.5  | 24.7  |





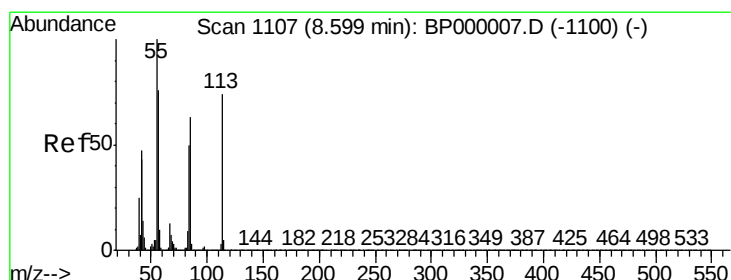
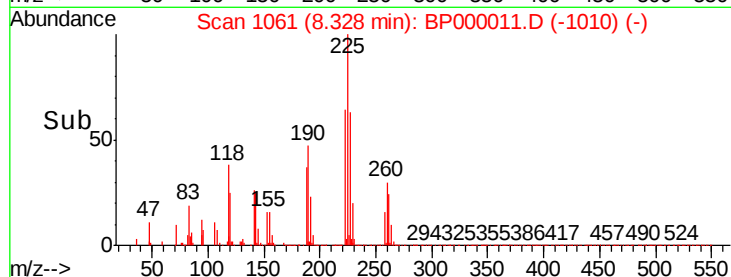
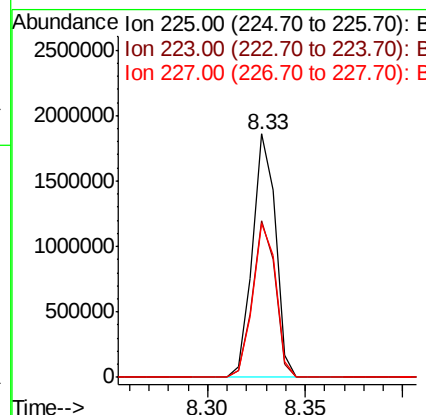
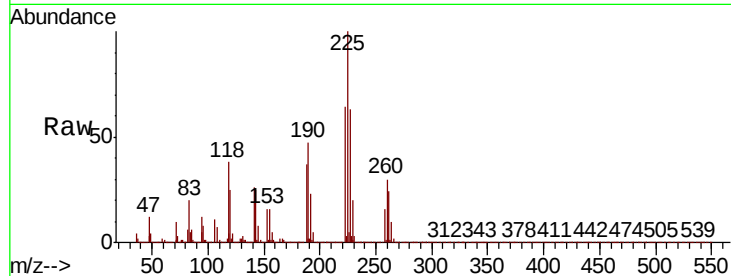
#34  
Hexachlorobutadiene  
Concen: 87.186 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.3  | 50.6  | 76.0  |
| 227     | 63.3  | 51.0  | 76.4  |

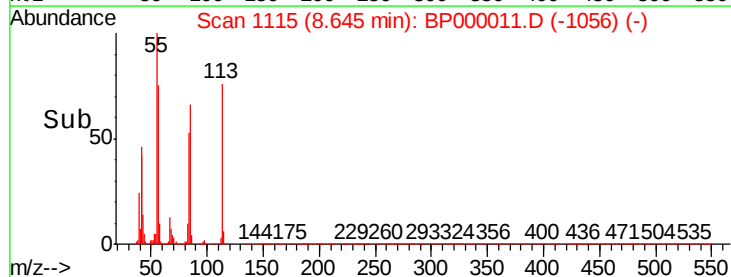
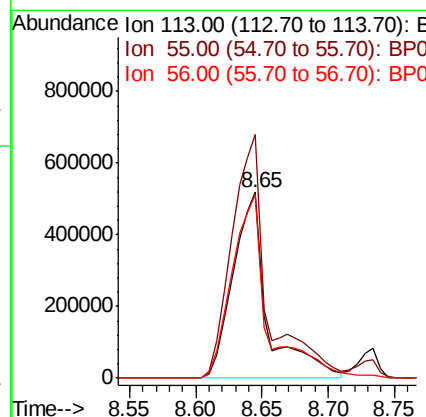
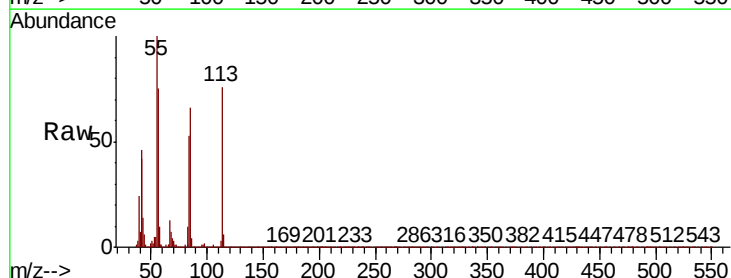
Manual Integrations  
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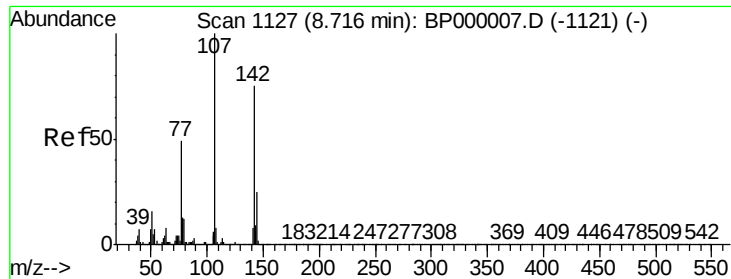
mohammad  
9/4/2019 1:46:59 PM



#35  
Caprolactam  
Concen: 116.465 ng m  
RT: 8.65 min Scan# 1115  
Delta R.T. 0.05 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 131.3 | 114.6 | 154.6 |
| 56      | 98.9  | 82.1  | 122.1 |





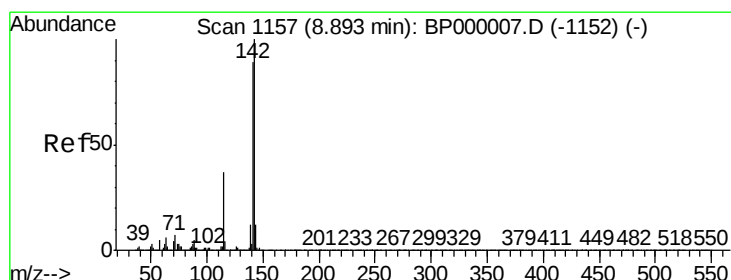
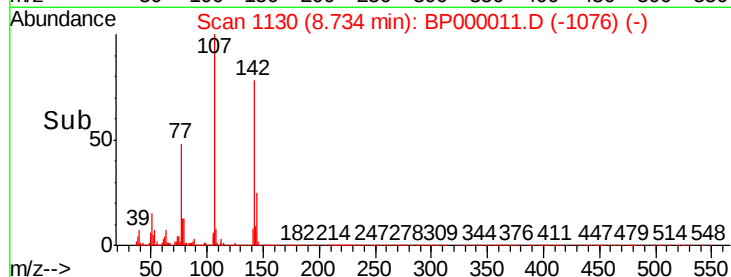
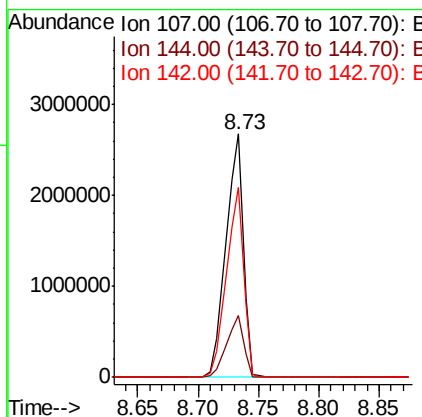
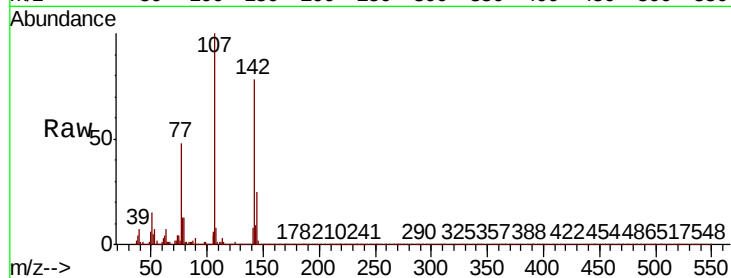
#36  
4-Chloro-3-methylphenol  
Concen: 93.911 ng  
RT: 8.73 min Scan# 1130  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.4  | 19.8  | 29.6  |
| 142     | 78.2  | 60.4  | 90.6  |

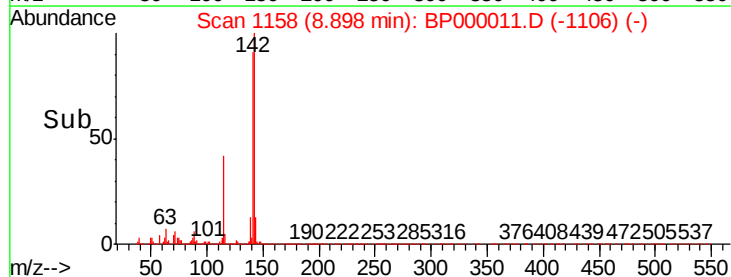
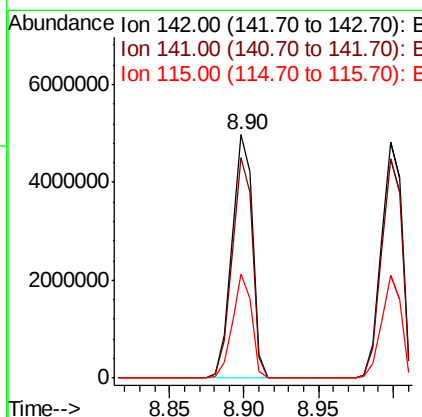
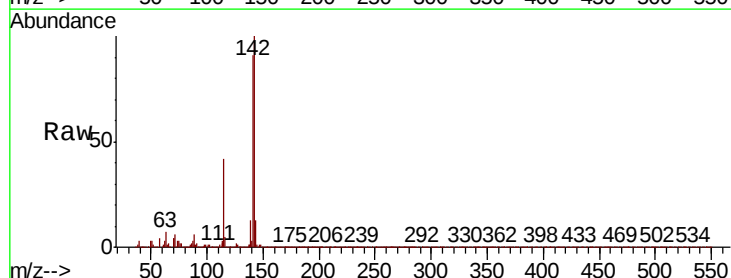
Manual Integrations  
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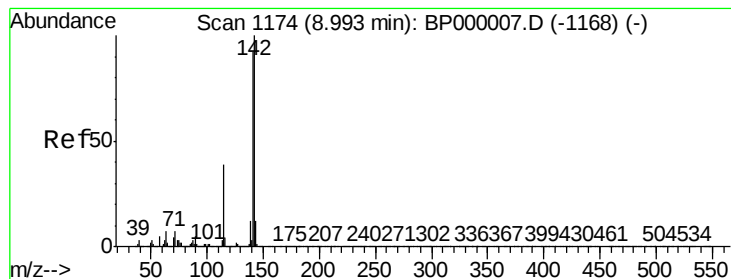
mohammad  
9/4/2019 1:46:59 PM



#37  
2-Methylnaphthalene  
Concen: 79.483 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 71.0  | 106.4 |
| 115     | 42.5  | 29.4  | 44.2  |





#38

1-Methylnaphthalene

Concen: 79.126 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion:142 Resp: 4555027

Ion Ratio Lower Upper

142 100

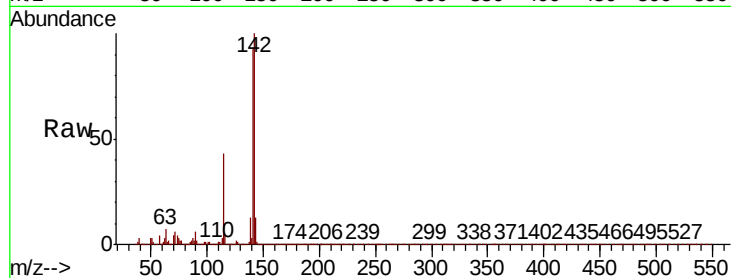
141 93.2 73.6 110.4

116 4.7 3.4 5.0

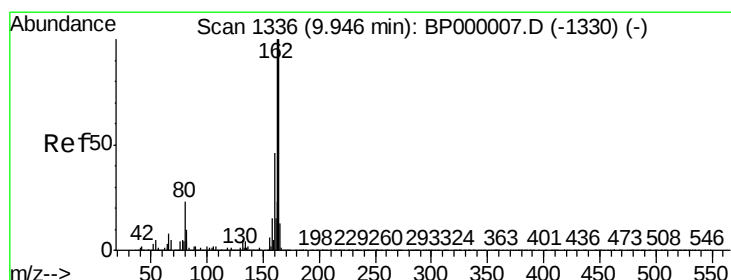
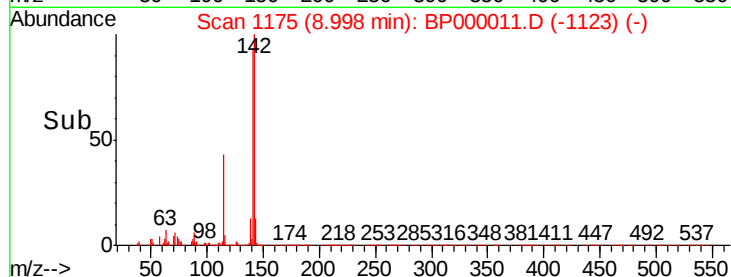
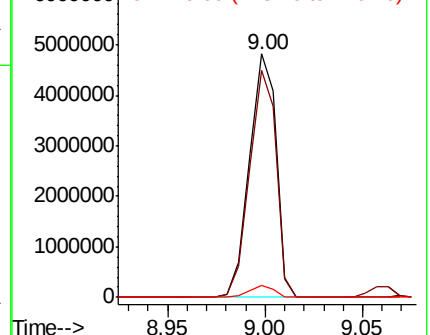
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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

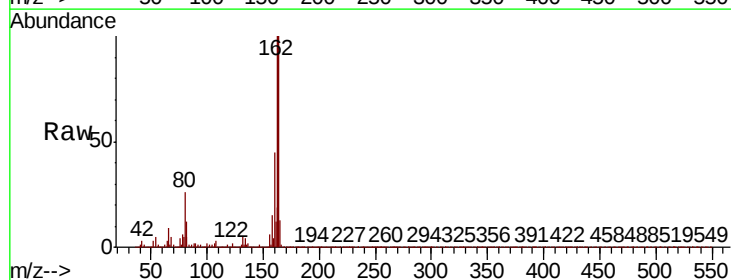
Tgt Ion:164 Resp: 902650

Ion Ratio Lower Upper

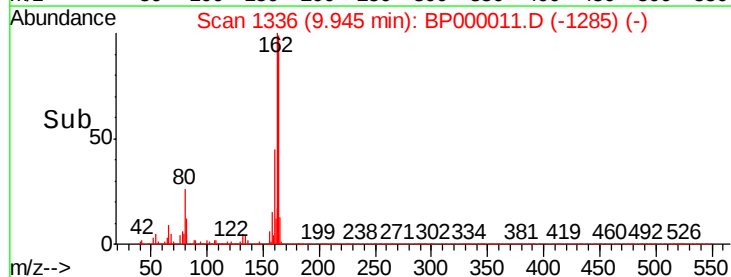
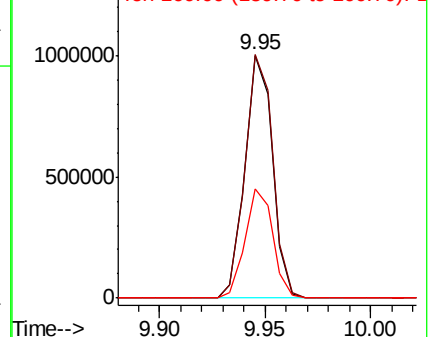
164 100

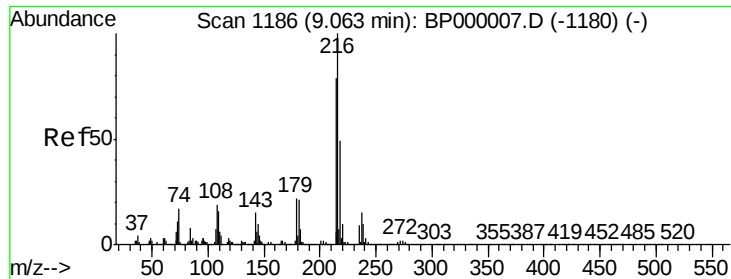
162 100.3 80.2 120.4

160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





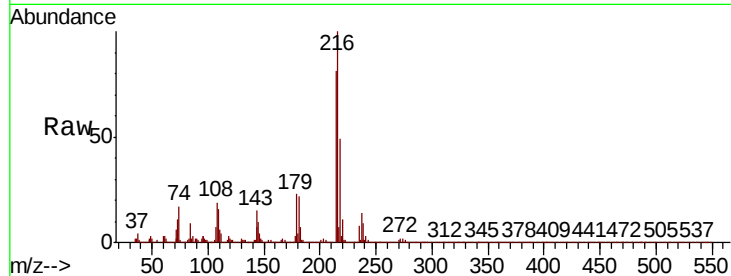
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 75.204 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.0  | 63.4  | 95.2  |
| 179     | 22.1  | 17.8  | 26.6  |
| 108     | 20.9  | 18.1  | 27.1  |

Manual Integrations  
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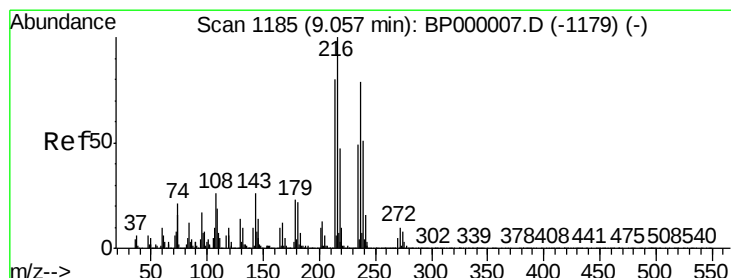
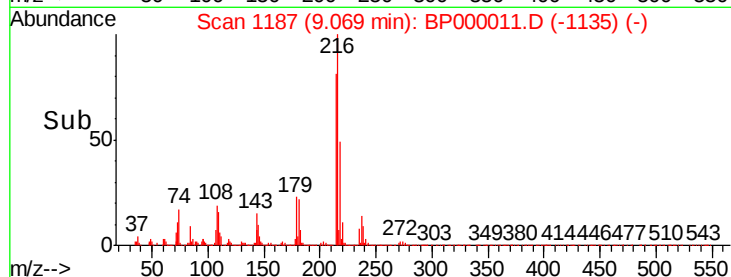
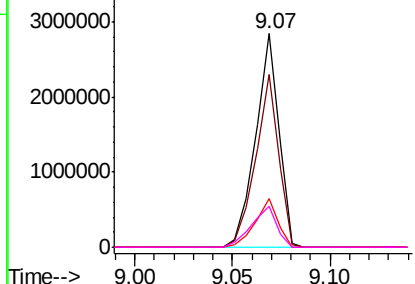
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

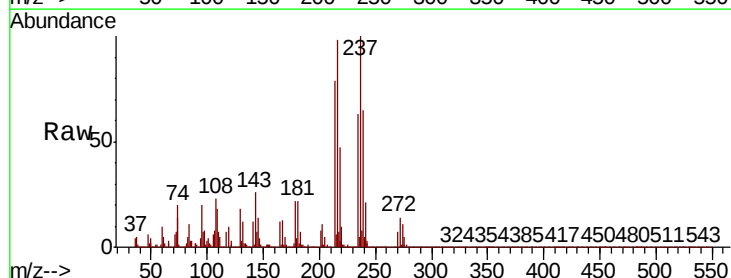
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41  
 Hexachlorocyclopentadiene  
 Concen: 77.185 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.3  | 42.0  | 82.0  |
| 272     | 13.6  | 0.0   | 33.1  |

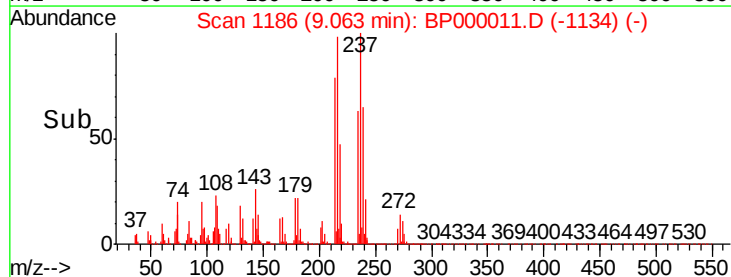
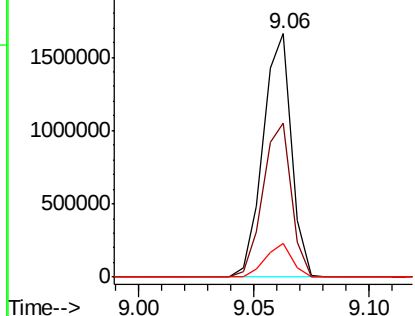


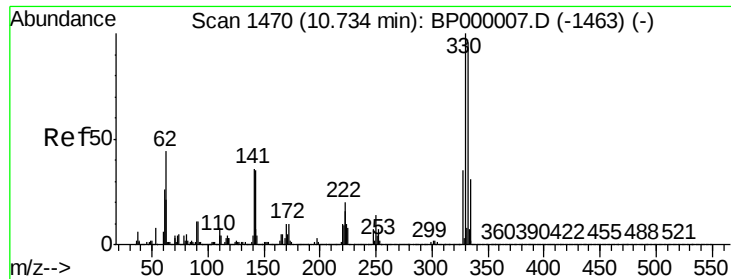
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





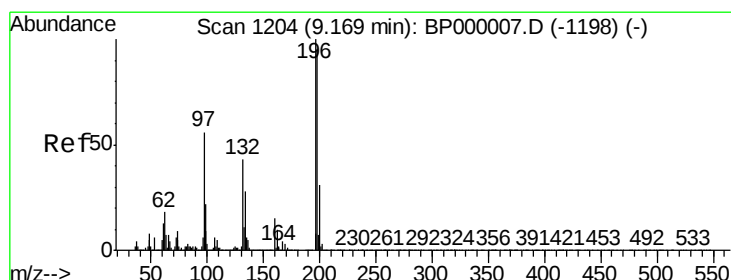
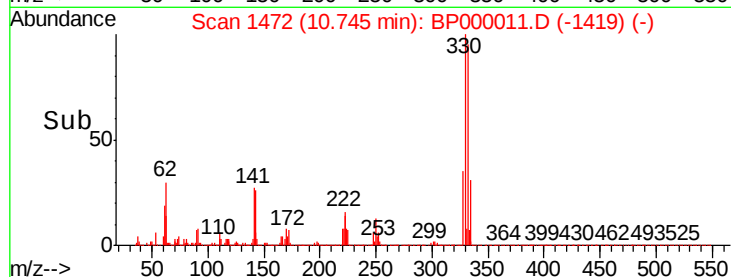
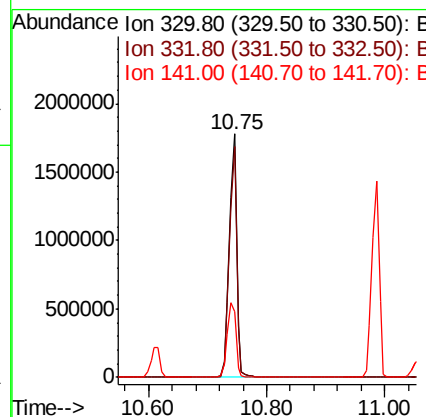
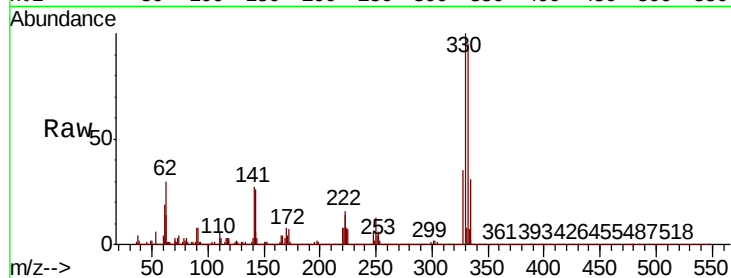
#42  
 2,4,6-Tribromophenol  
 Concen: 138.378 ng  
 RT: 10.75 min Scan# 1472  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.2  | 76.8  | 115.2 |
| 141     | 36.0  | 33.6  | 50.4  |

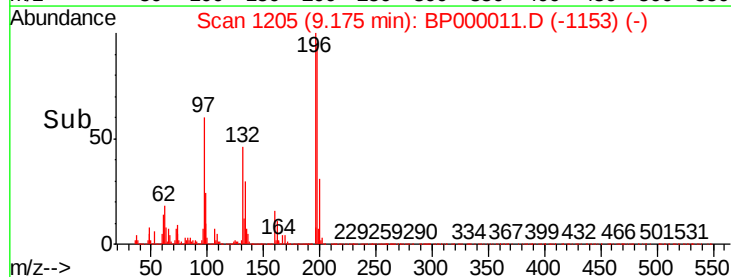
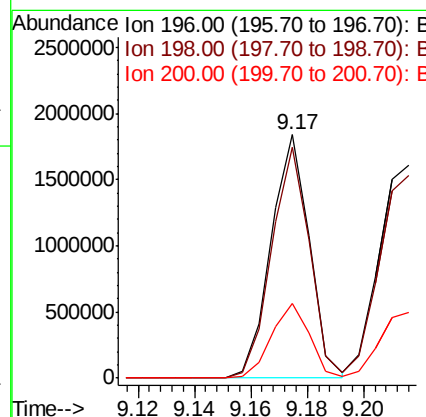
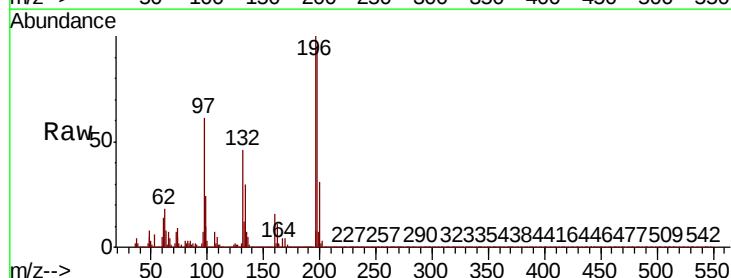
Manual Integrations  
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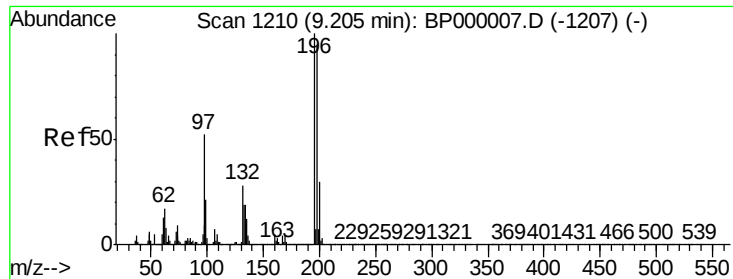
mohammad  
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#43  
 2,4,6-Trichlorophenol  
 Concen: 81.893 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.9  | 76.2  | 114.2 |
| 200     | 30.8  | 25.0  | 37.4  |





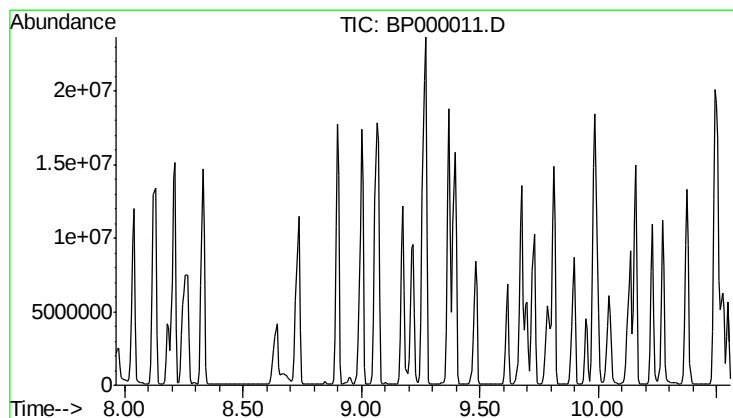
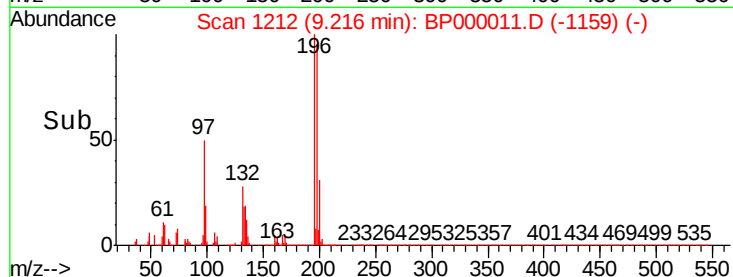
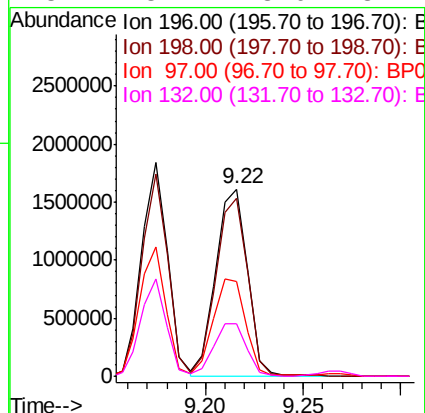
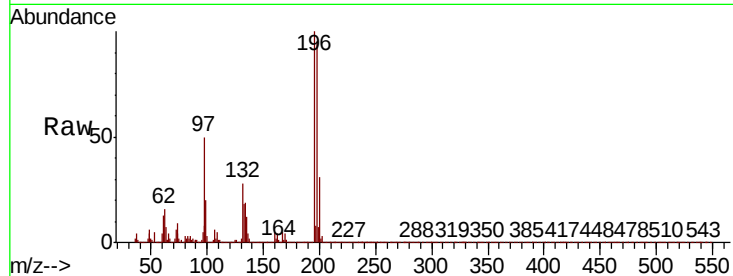
#44  
 2,4,5-Trichlorophenol  
 Concen: 84.454 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 196     | 100  |       |       |       |       |
| 198     | 95.3 | 74.9  | 112.3 |       |       |
| 97      | 50.5 | 42.2  | 63.2  |       |       |
| 132     | 28.4 | 23.0  | 34.4  |       |       |

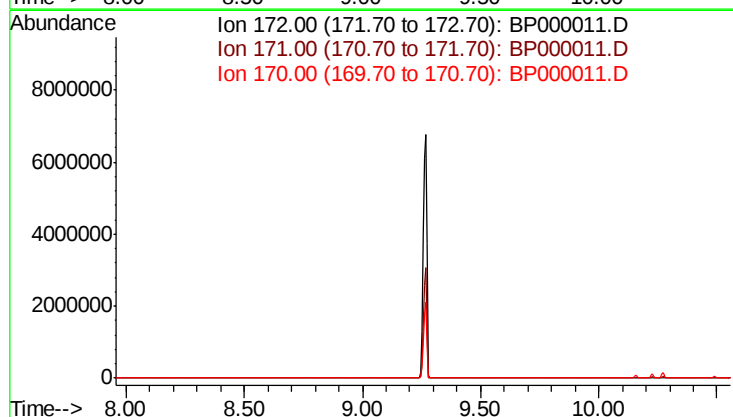
Manual Integrations  
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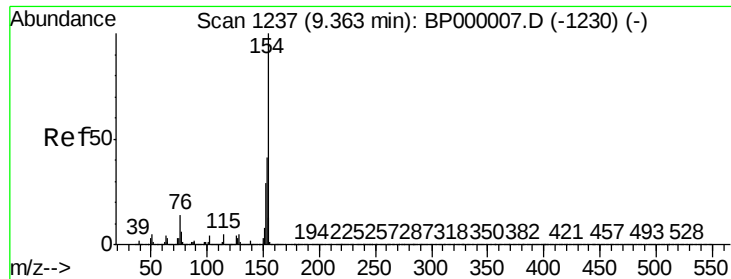
mohammad  
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#45  
 2-Fluorobiphenyl  
 Concen: 0.000 ng  
 Expected RT: 9.26 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Exp Ratio |
|---------|-----------|
| 172     | 100       |
| 171     | 38.4      |
| 170     | 25.9      |





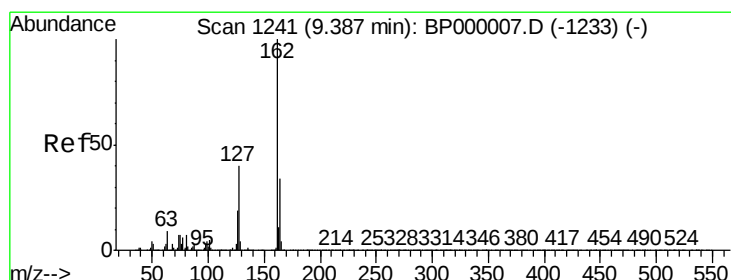
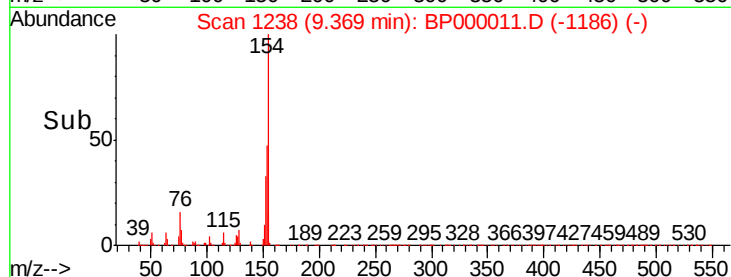
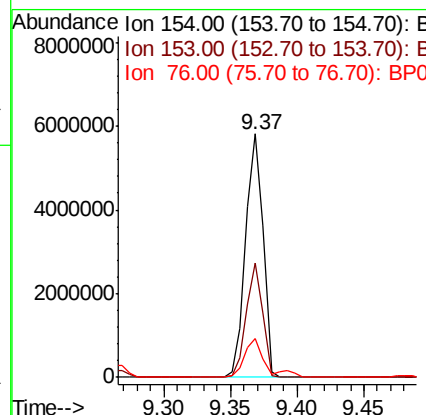
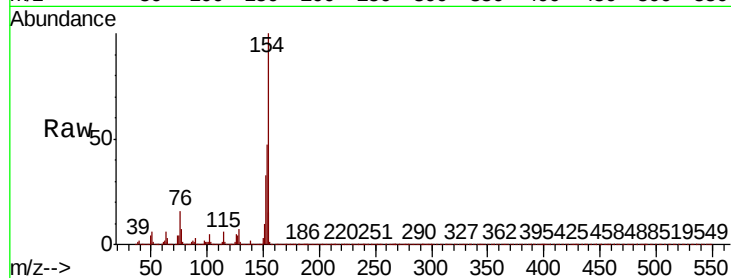
#46  
 1,1'-Biphenyl  
 Concen: 59.882 ng  
 RT: 9.37 min Scan# 1238  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 47.1  | 21.1  | 61.1  |
| 76      | 15.7  | 0.0   | 33.7  |

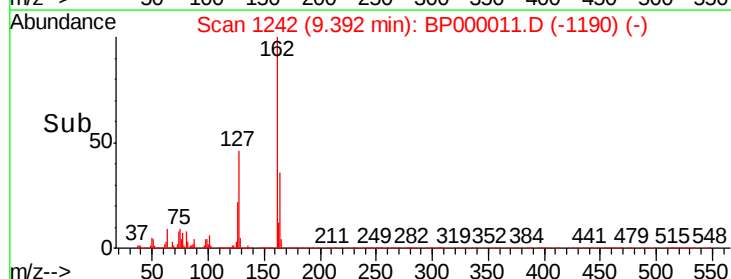
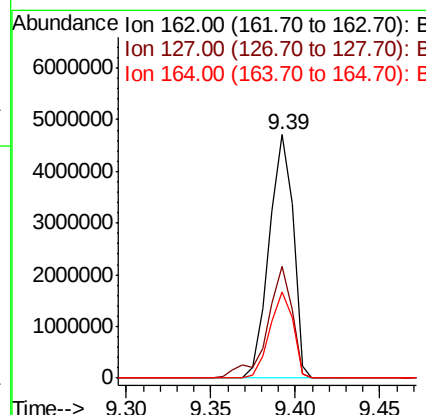
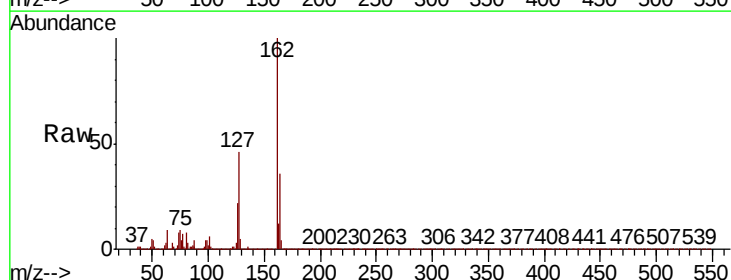
Manual Integrations  
 APPROVED

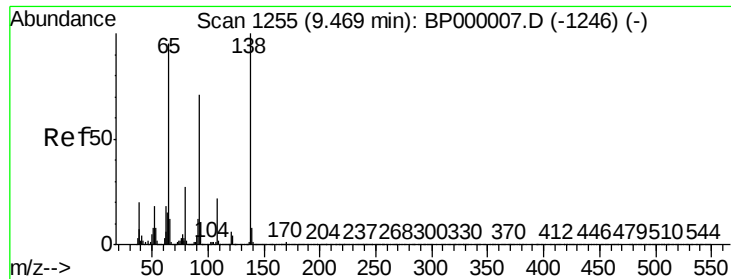
mohammad  
 9/4/2019 1:46:59 PM



#47  
 2-Chloronaphthalene  
 Concen: 68.365 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 46.0  | 32.2  | 48.4  |
| 164     | 35.5  | 26.9  | 40.3  |





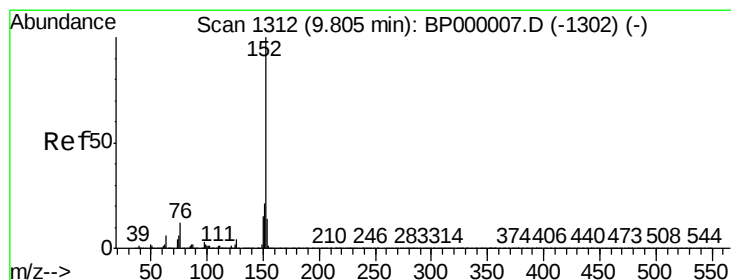
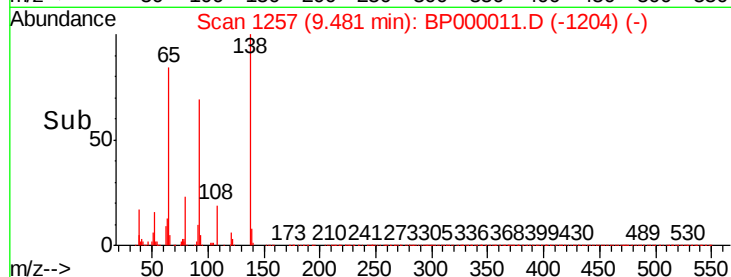
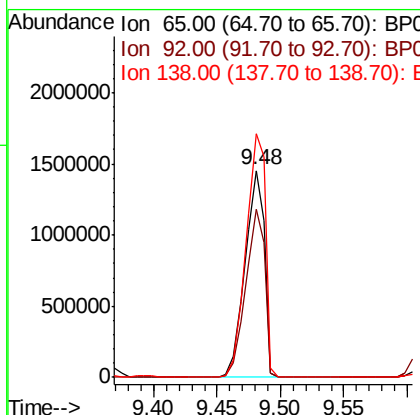
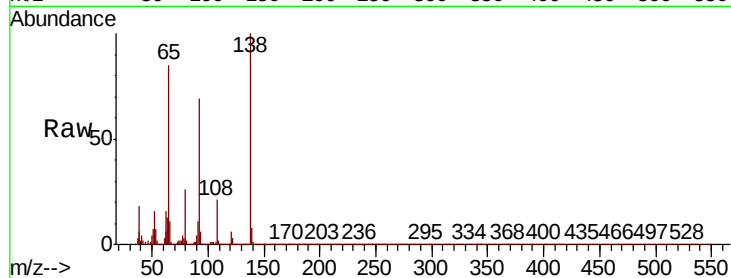
#48  
2-Nitroaniline  
Concen: 72.563 ng  
RT: 9.48 min Scan# 1257  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 81.6  | 60.3  | 90.5  |
| 138     | 117.7 | 84.5  | 126.7 |

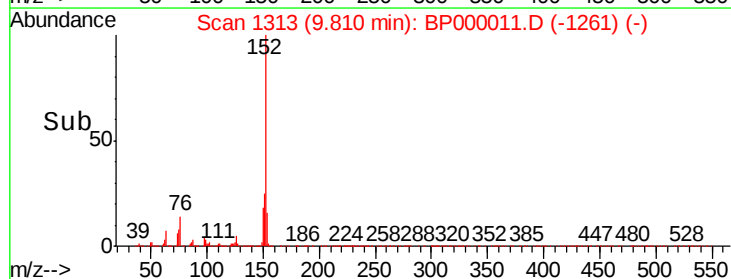
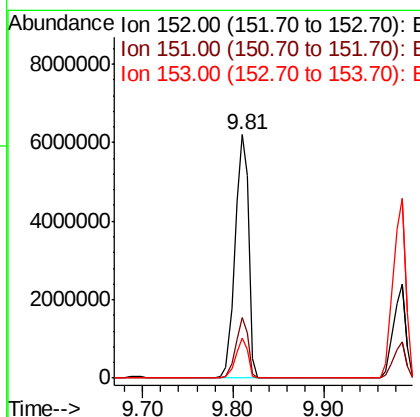
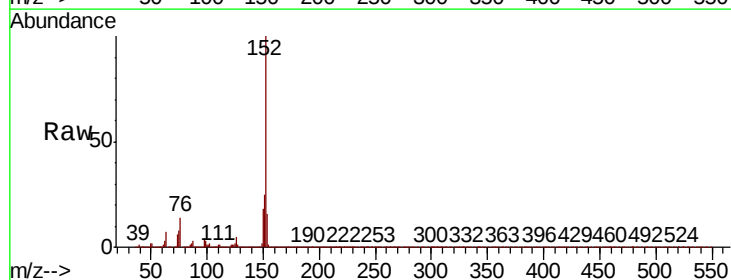
Manual Integrations  
APPROVED

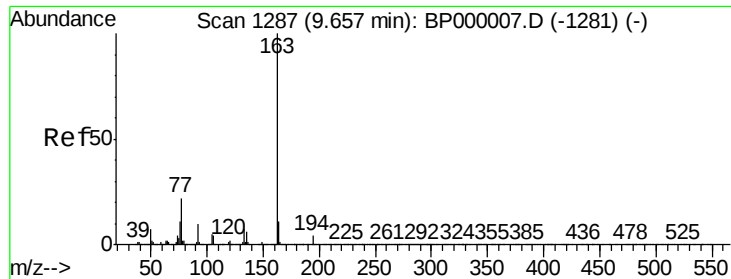
mohammad  
9/4/2019 1:46:59 PM



#49  
Acenaphthylene  
Concen: 70.539 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 25.0  | 17.0  | 25.6  |
| 153     | 16.3  | 11.0  | 16.6  |





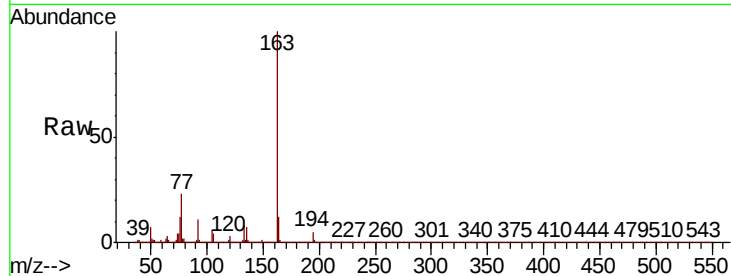
#50  
Dimethylphthalate  
Concen: 68.675 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.0   | 3.3   | 4.9#  |
| 164     | 11.8  | 8.4   | 12.6  |

Manual Integrations  
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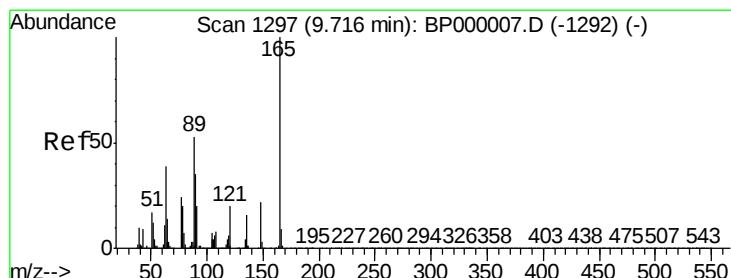
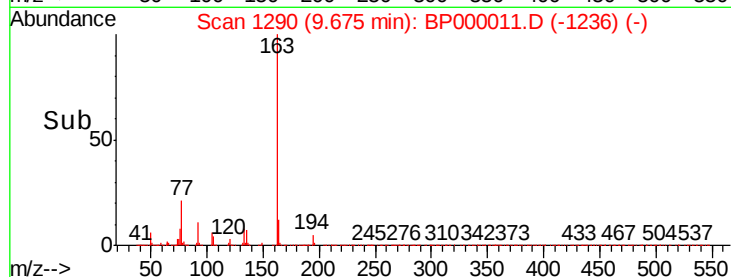
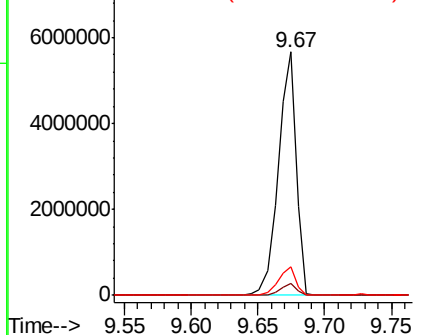


Abundance

Ion 163.00 (162.70 to 163.70): E

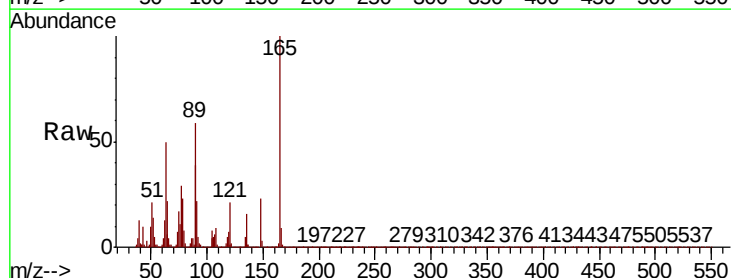
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51  
2,6-Dinitrotoluene  
Concen: 81.227 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.8  | 35.8  | 53.6  |
| 89      | 58.9  | 42.2  | 63.4  |

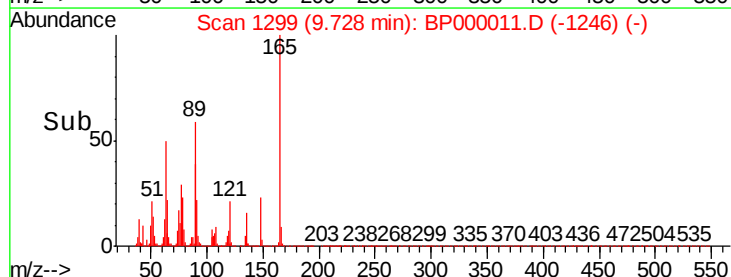
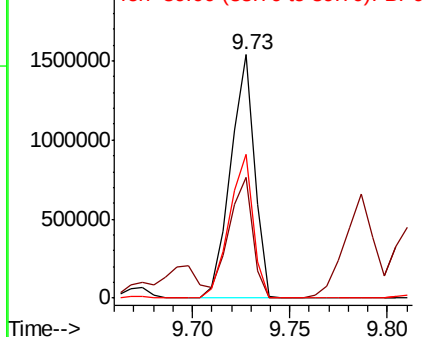


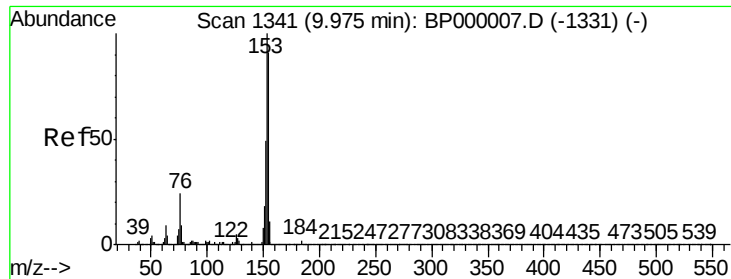
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0





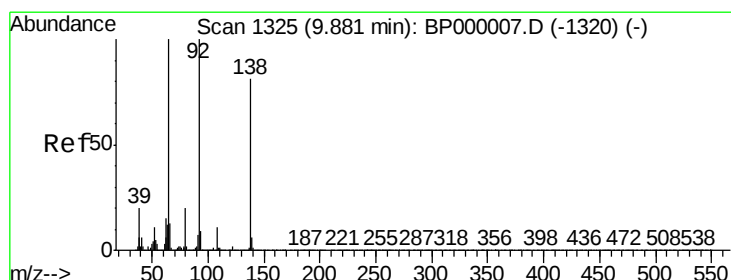
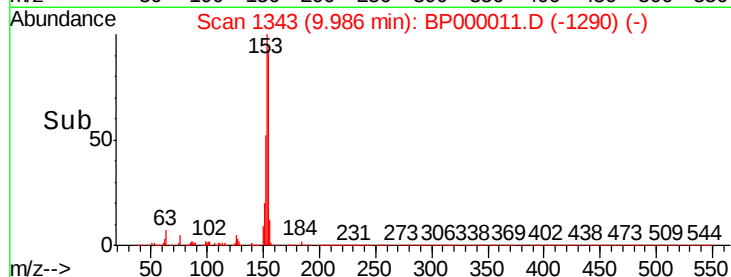
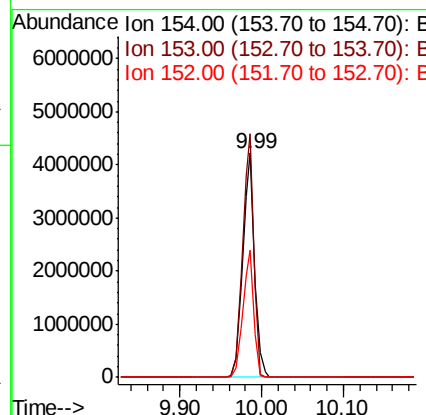
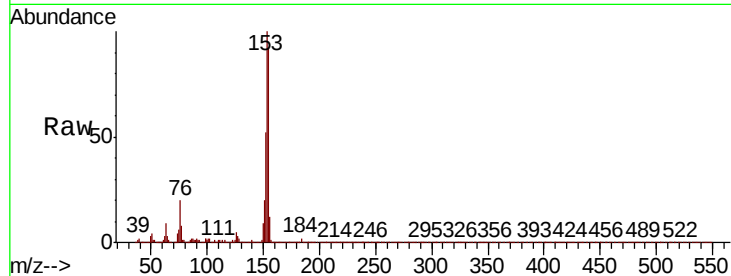
#52  
Acenaphthene  
Concen: 75.010 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 108.7 | 88.2  | 132.2 |
| 152     | 56.6  | 42.9  | 64.3  |

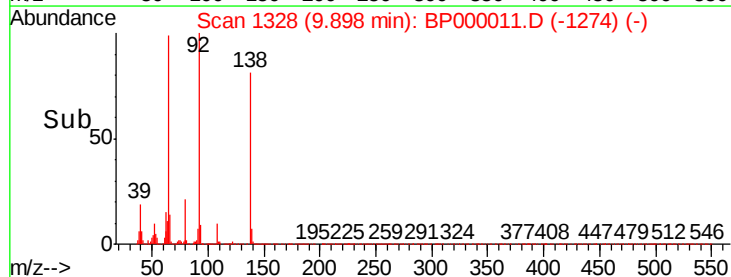
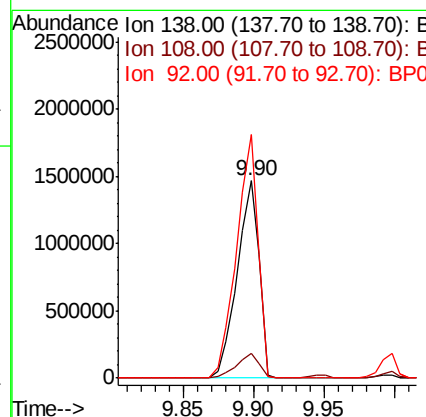
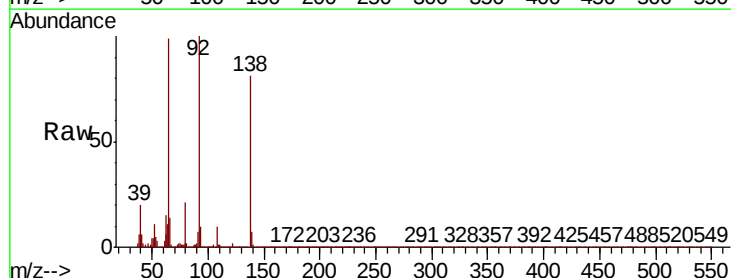
Manual Integrations  
APPROVED

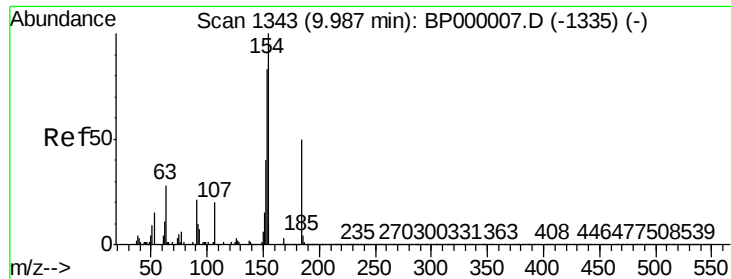
mohammad  
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#53  
3-Nitroaniline  
Concen: 90.330 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.6  | 11.0  | 16.4  |
| 92      | 123.6 | 98.2  | 147.4 |





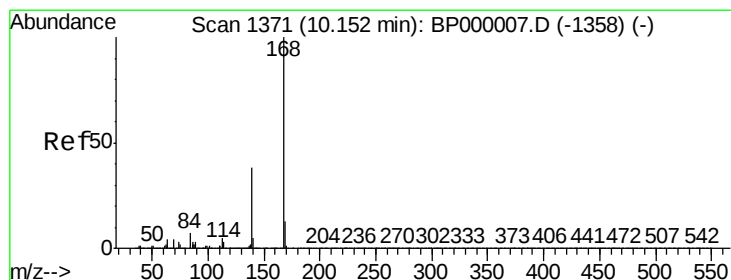
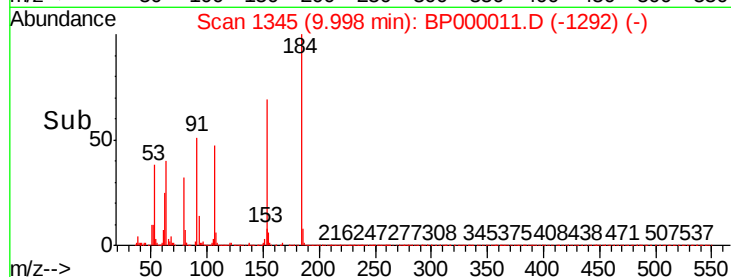
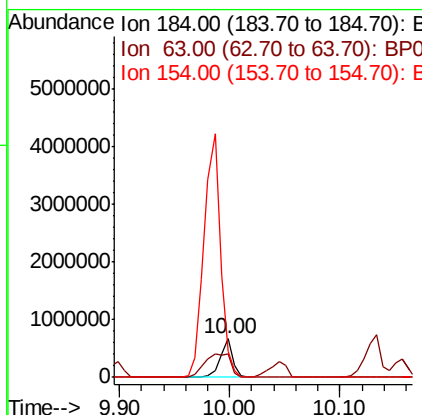
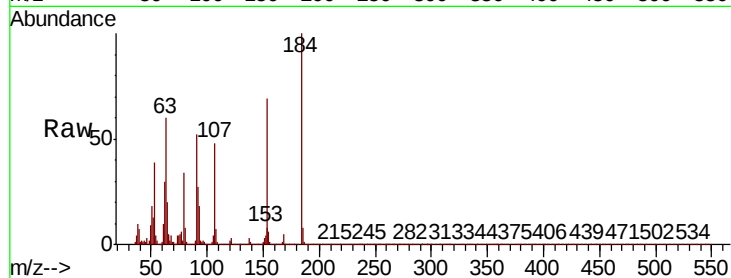
#54  
2,4-Dinitrophenol  
Concen: 73.003 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 60.4  | 46.0  | 69.0   |
| 154     | 68.8  | 161.9 | 242.9# |

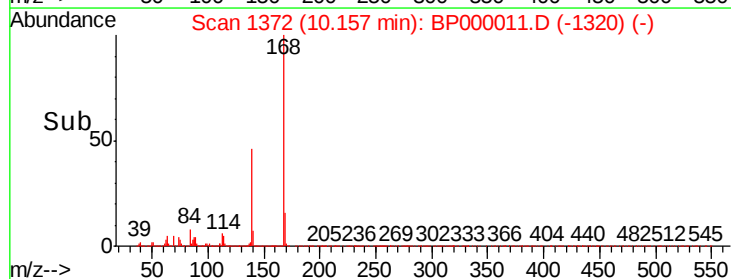
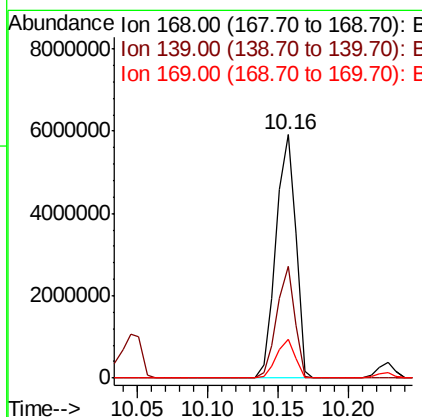
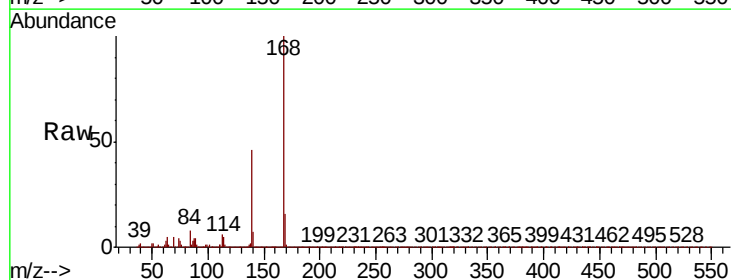
Manual Integrations  
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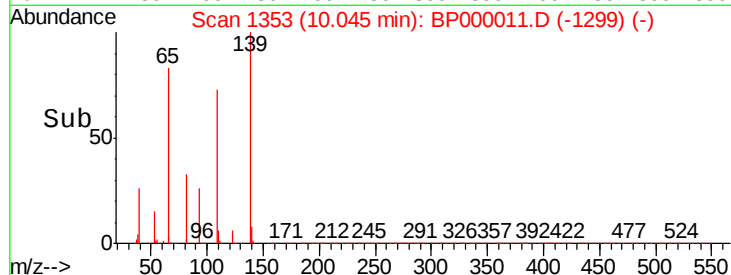
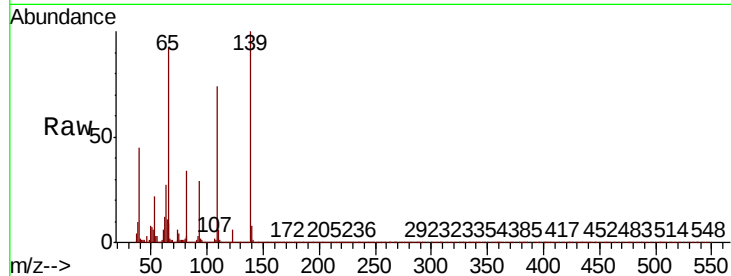
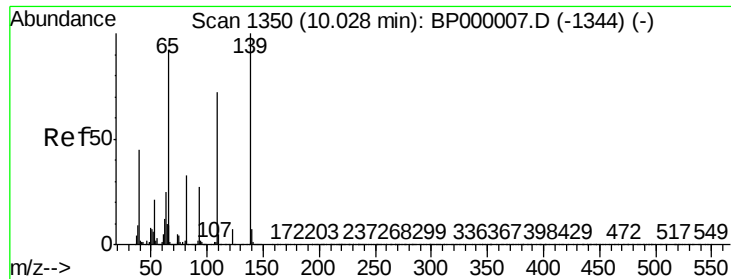
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#55  
Dibenzofuran  
Concen: 67.974 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 45.8  | 30.2  | 45.2# |
| 169     | 16.1  | 10.7  | 16.1# |





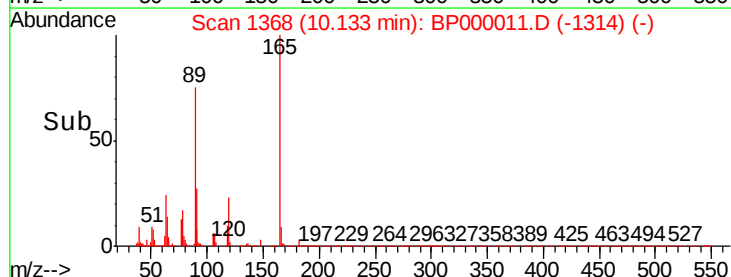
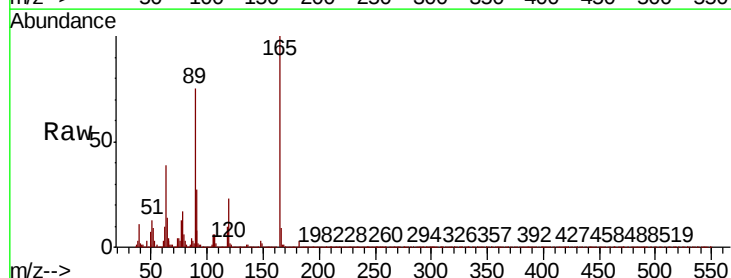
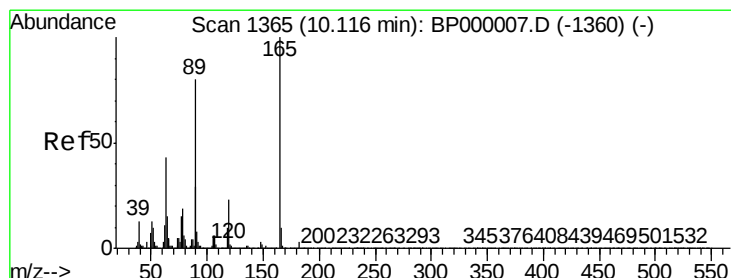
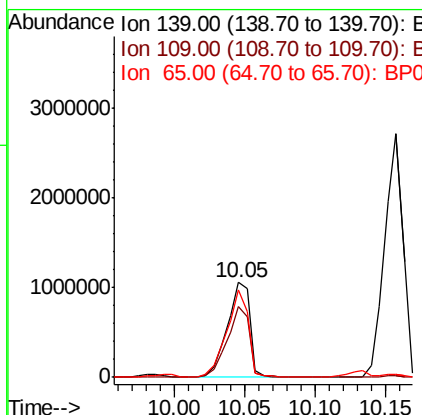
#56  
4-Nitrophenol  
Concen: 98.266 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Tot Ion:139 Resp: 1190290  
Ion Ratio Lower Upper  
139 100  
109 74.5 52.4 92.4  
65 91.6 72.2 112.2

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

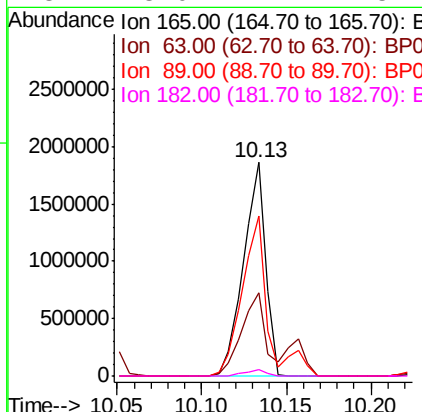
Manual Integrations  
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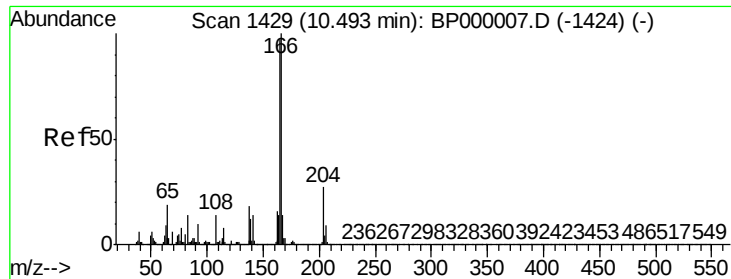
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#57  
2,4-Dinitrotoluene  
Concen: 84.979 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Tgt Ion:165 Resp: 1711764  
Ion Ratio Lower Upper  
165 100  
63 39.2 34.4 51.6  
89 75.1 64.3 96.5  
182 3.0 2.2 3.4





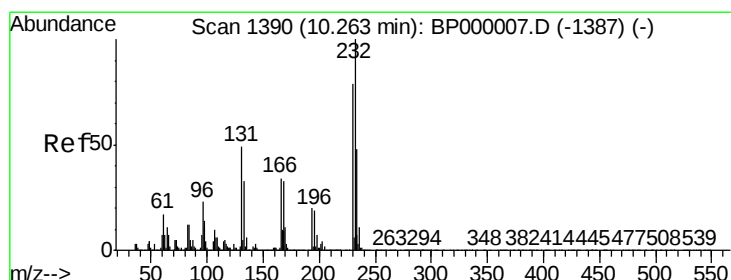
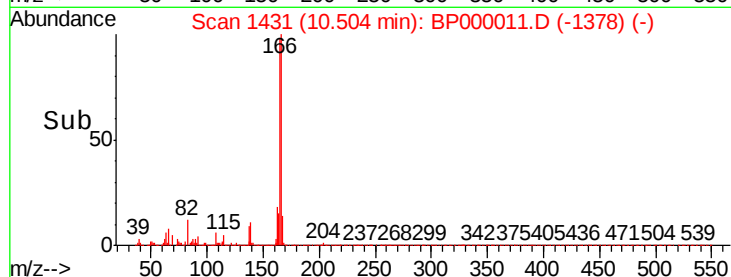
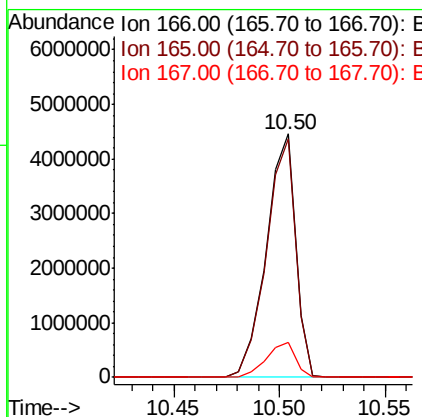
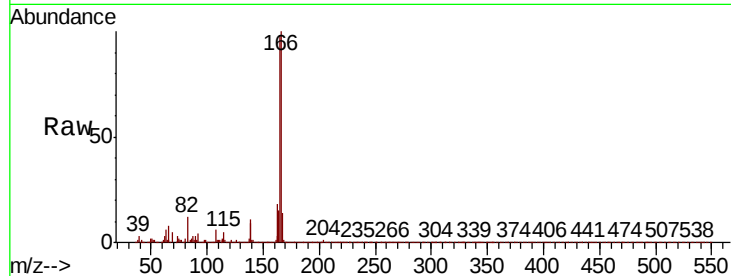
#58  
 Fluorene  
 Concen: 62.126 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 77.3  | 115.9 |
| 167     | 14.2  | 11.0  | 16.6  |

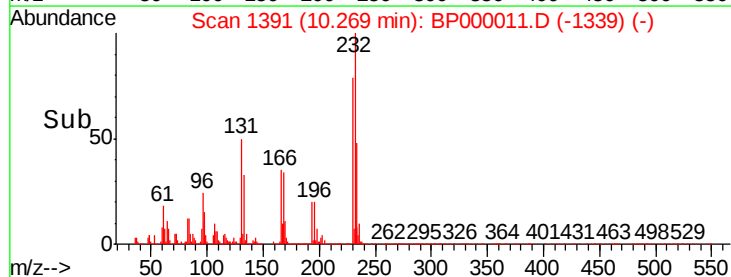
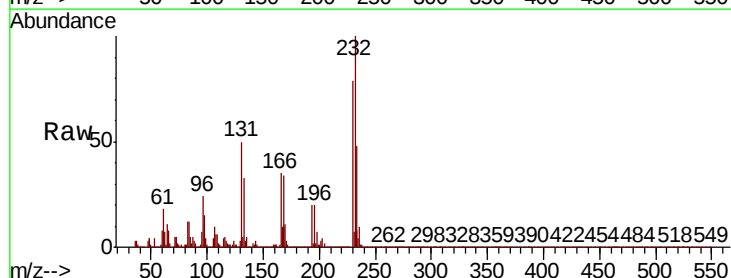
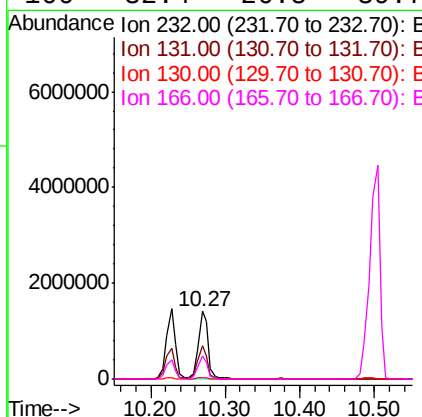
Manual Integrations  
 APPROVED

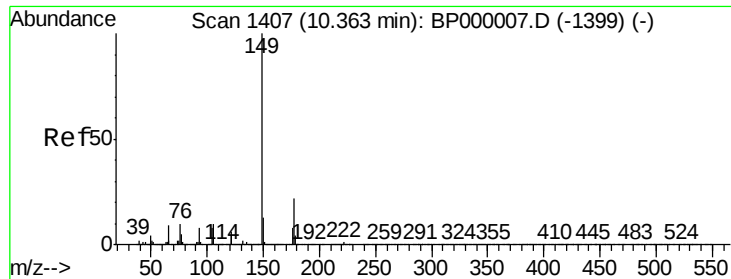
mohammad  
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#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 78.193 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.2  | 39.3  | 58.9  |
| 130     | 2.5   | 2.1   | 3.1   |
| 166     | 32.4  | 26.5  | 39.7  |





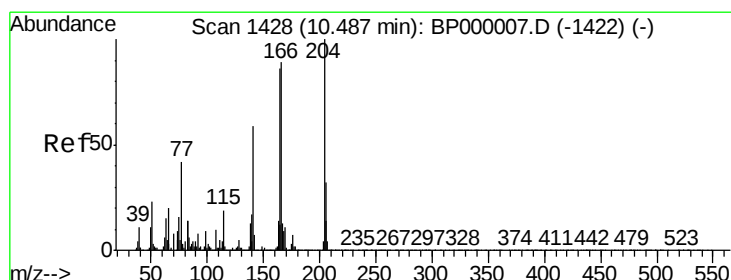
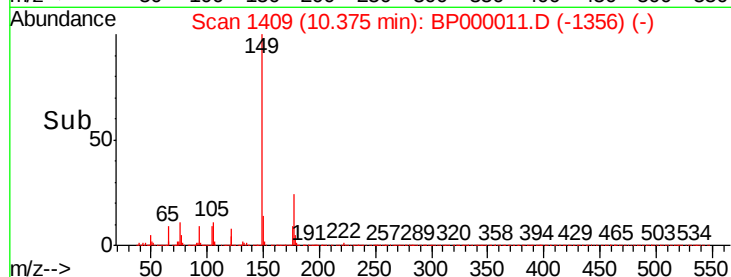
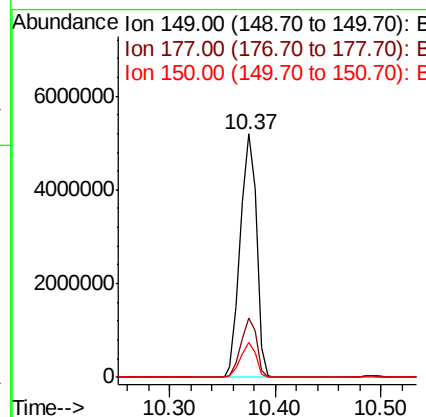
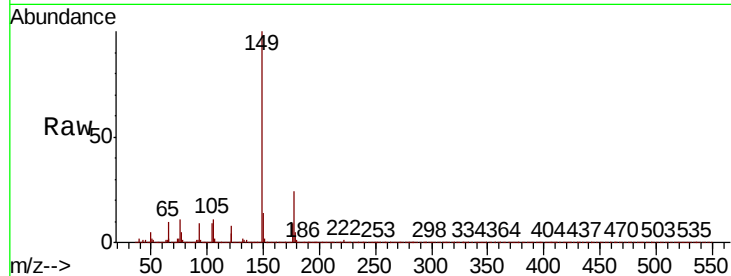
#60  
Diethylphthalate  
Concen: 74.142 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 17.3  | 25.9  |
| 150     | 14.4  | 10.3  | 15.5  |

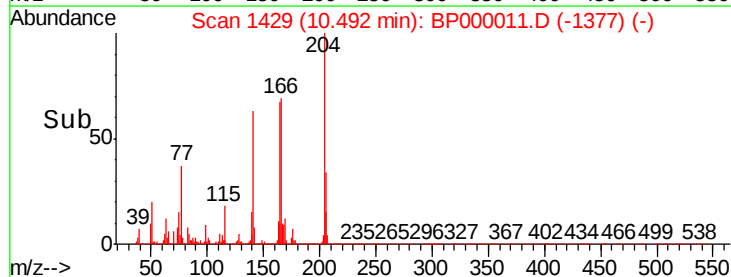
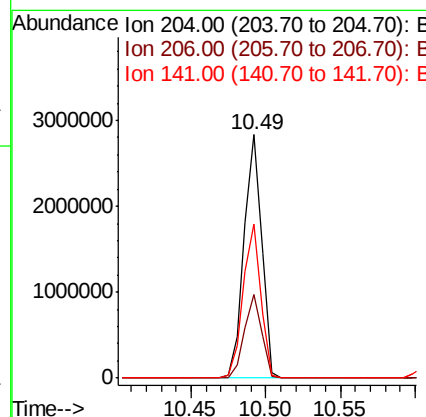
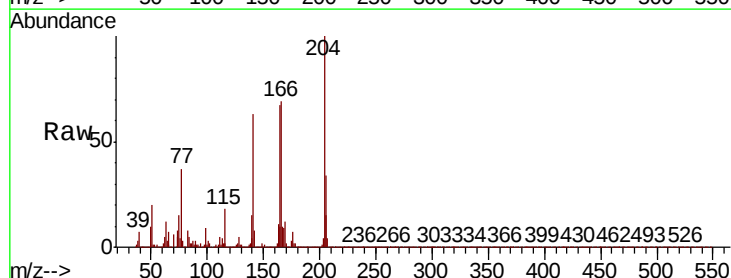
Manual Integrations  
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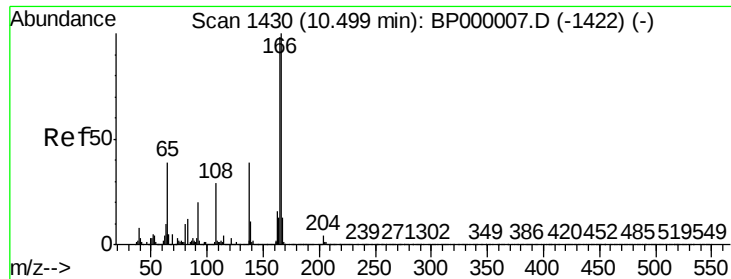
mohammad  
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#61  
4-Chlorophenyl-phenylether  
Concen: 67.827 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.3  | 26.0  | 39.0  |
| 141     | 63.1  | 47.6  | 71.4  |





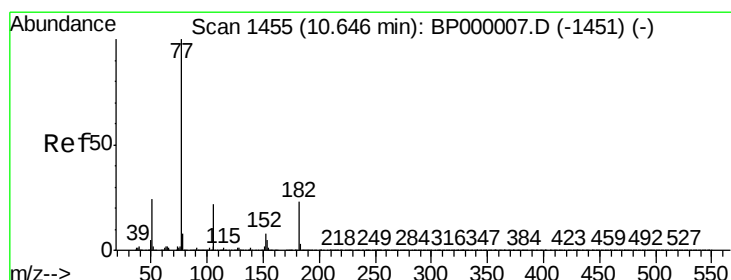
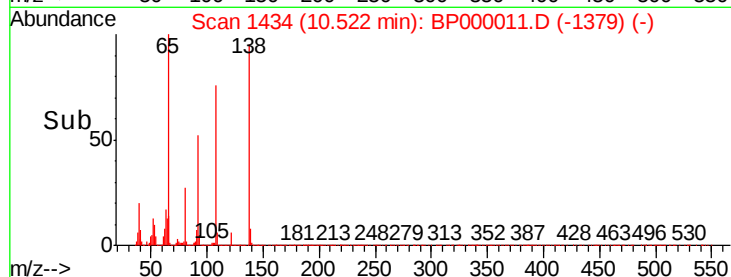
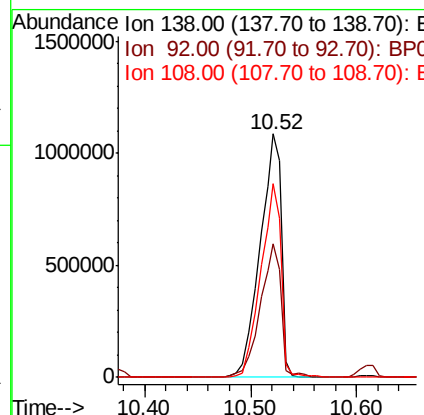
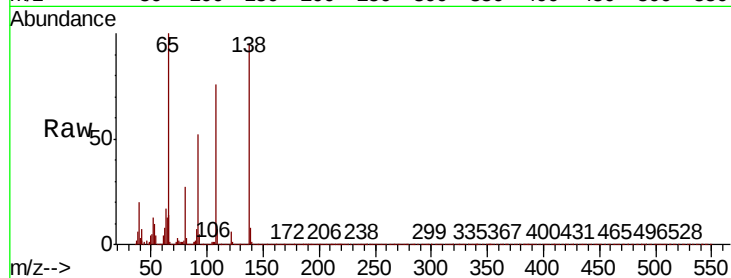
#62  
4-Nitroaniline  
Concen: 79.966 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.9  | 32.8  | 72.8  |
| 108     | 79.5  | 55.7  | 95.7  |

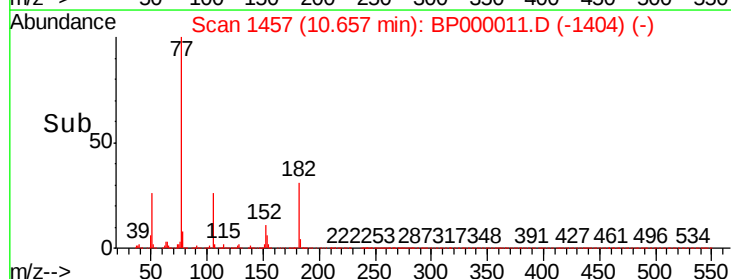
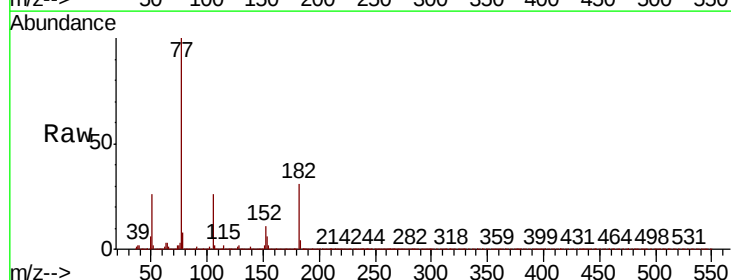
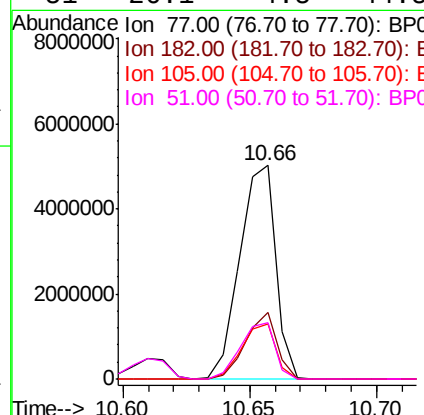
Manual Integrations  
APPROVED

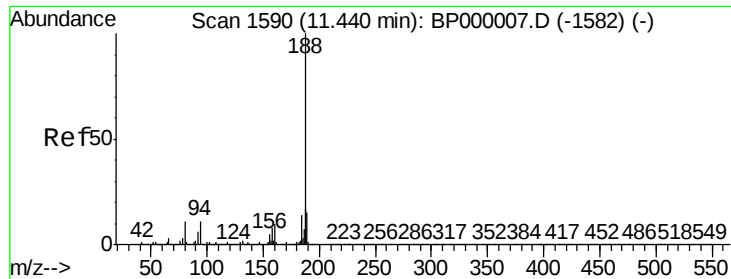
mohammad  
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#63  
Azobenzene  
Concen: 68.612 ng  
RT: 10.66 min Scan# 1457  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.3  | 2.6   | 42.6  |
| 105     | 26.0  | 2.3   | 42.3  |
| 51      | 26.1  | 4.5   | 44.5  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

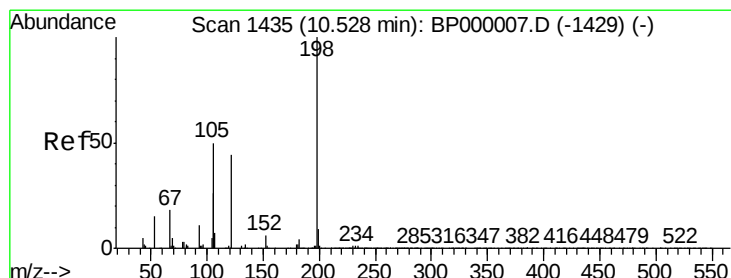
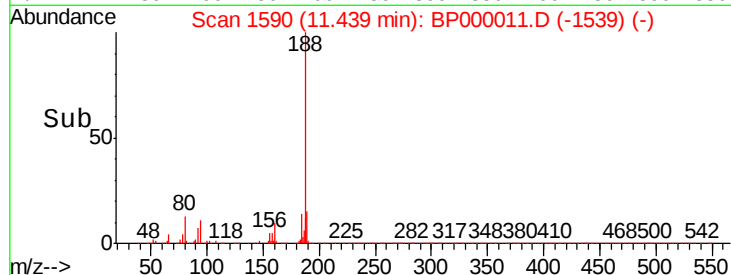
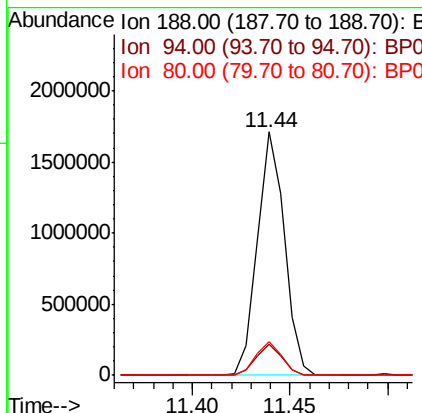
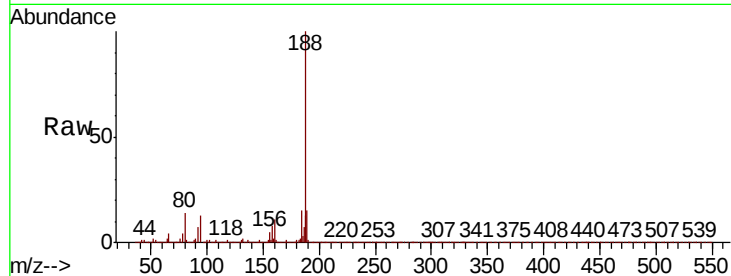
ClientSampleId :

SSTDICC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 188   | Resp: | 1644781 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 12.9  | 8.8   | 13.2    |
| 80       | 13.7  | 9.0   | 13.6#   |

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#65

4,6-Dinitro-2-methylphenol

Concen: 76.354 ng

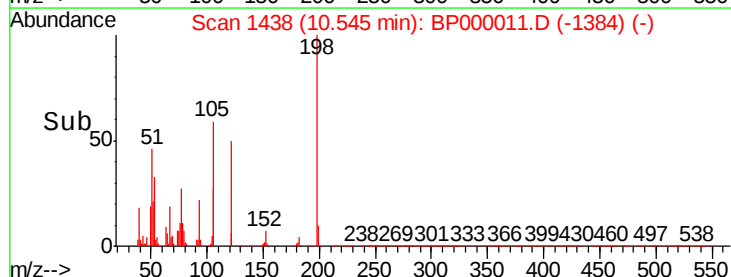
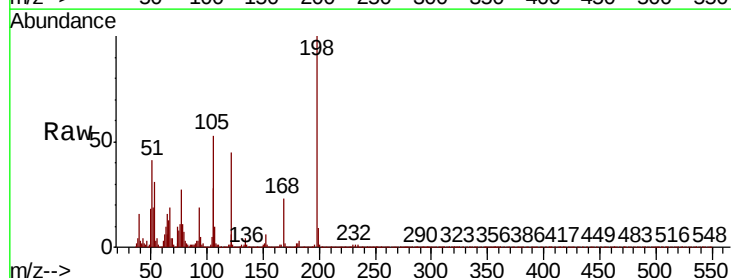
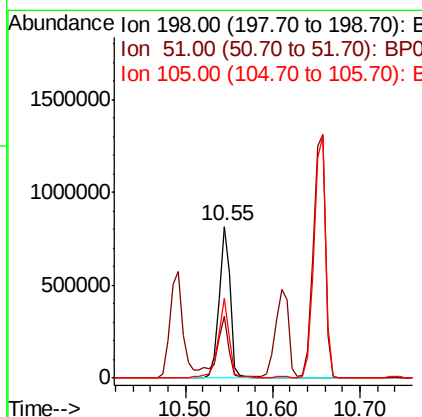
RT: 10.55 min Scan# 1438

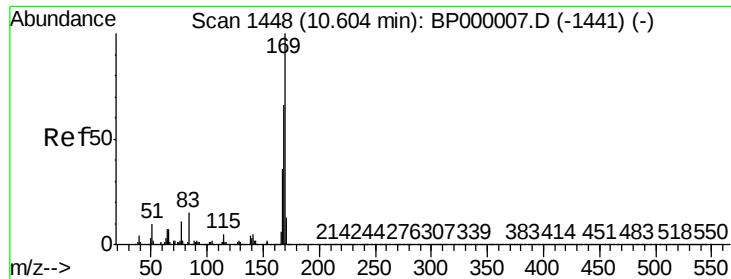
Delta R.T. 0.02 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 198   | Resp: | 723183 |
| Ion      | Ratio | Lower | Upper  |
| 198      | 100   |       |        |
| 51       | 41.1  | 22.1  | 62.1   |
| 105      | 52.9  | 32.0  | 72.0   |





#66

n-Nitrosodiphenylamine

Concen: 75.789 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion:169 Resp: 4117216

Ion Ratio Lower Upper

169 100

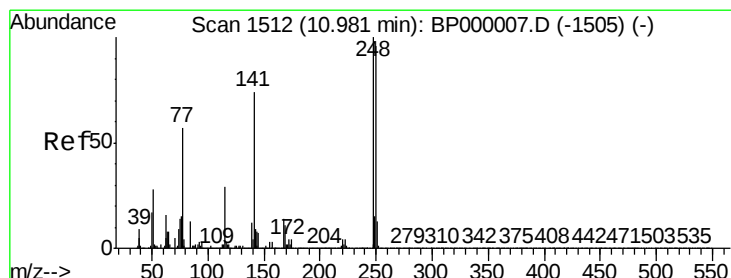
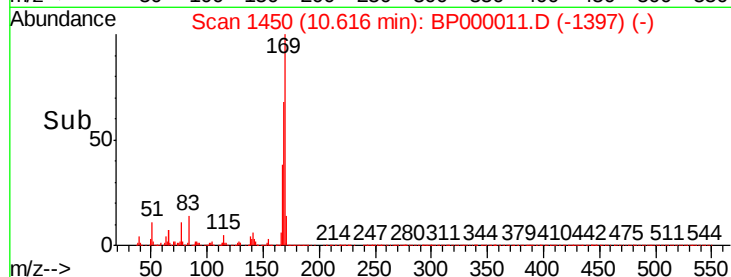
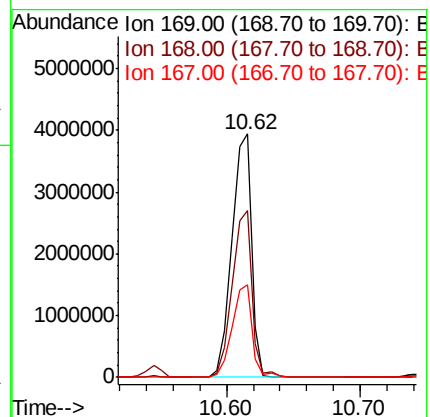
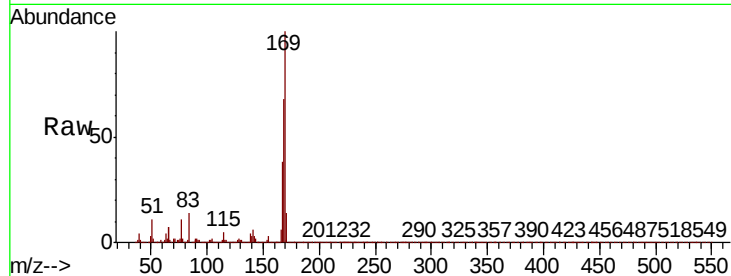
168 68.5 52.9 79.3

167 38.1 29.2 43.8

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#67

4-Bromophenyl-phenylether

Concen: 80.277 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

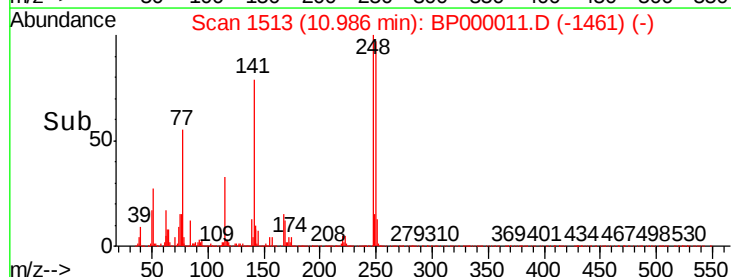
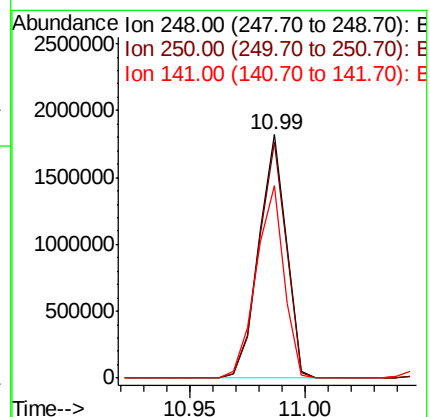
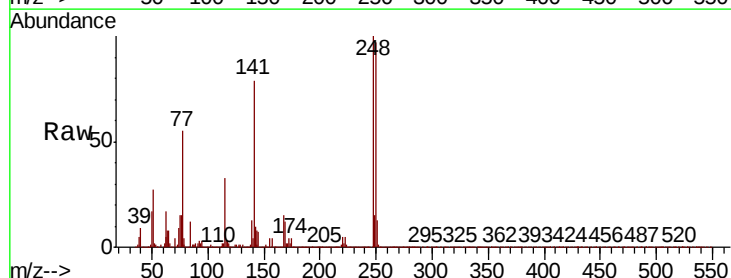
Tgt Ion:248 Resp: 1521446

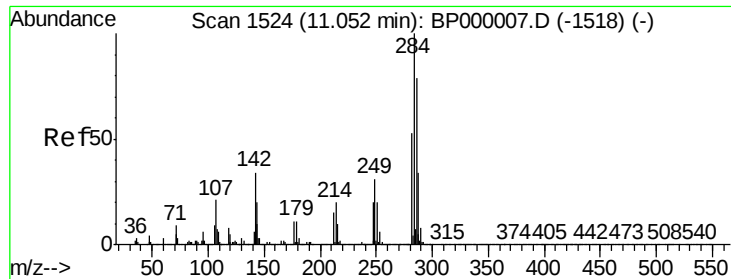
Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

141 78.9 59.5 89.3





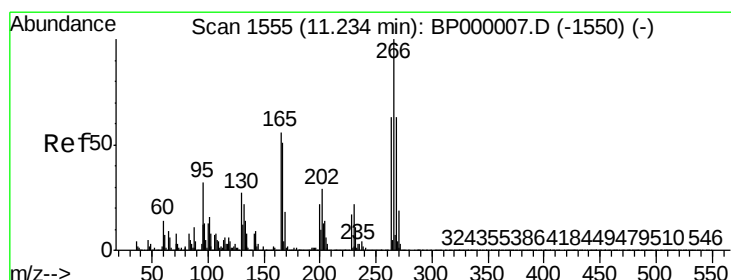
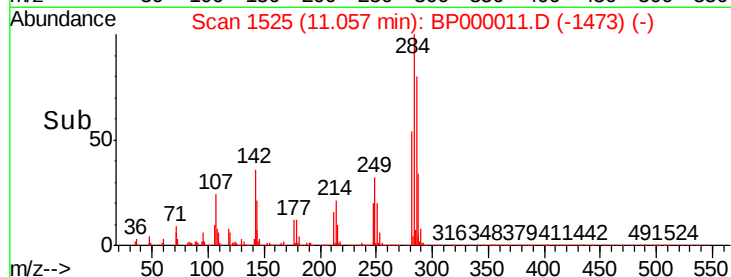
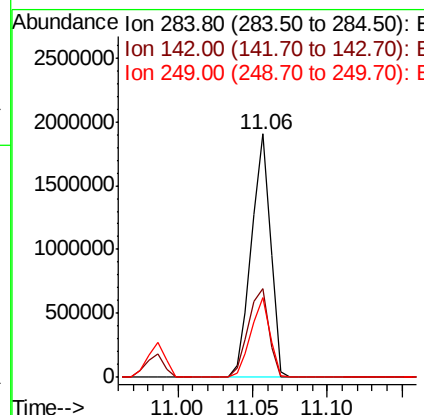
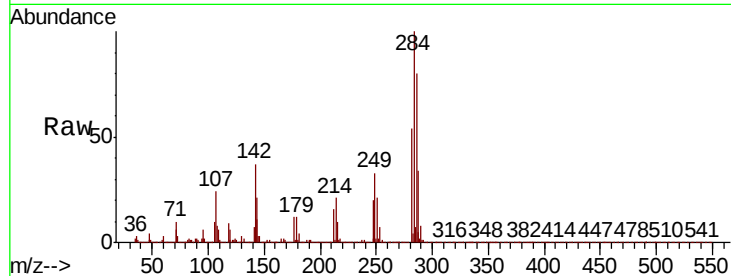
#68  
Hexachlorobenzene  
Concen: 80.076 ng  
RT: 11.06 min Scan# 1525  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.5  | 27.0  | 40.4  |
| 249     | 32.5  | 24.9  | 37.3  |

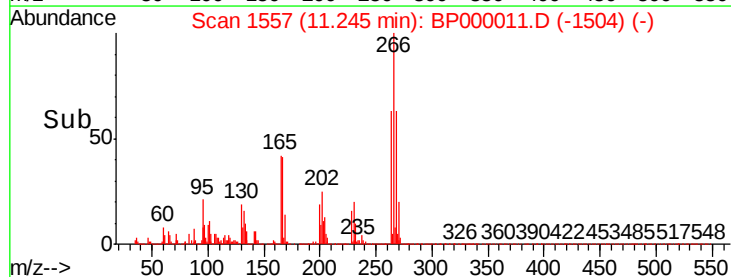
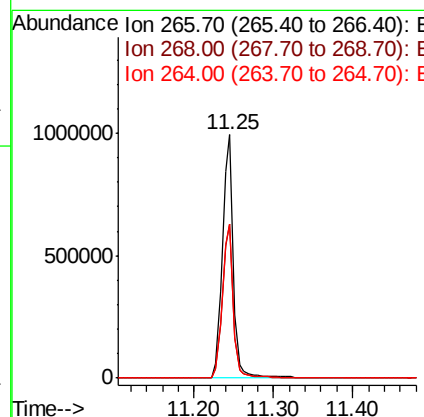
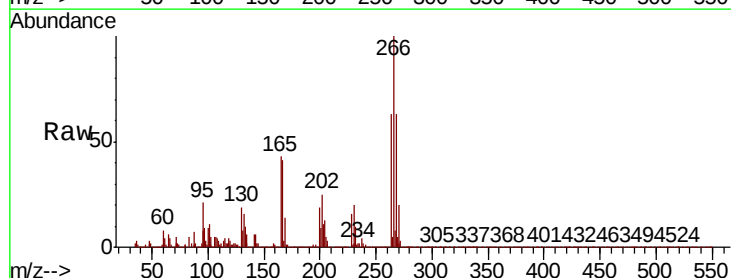
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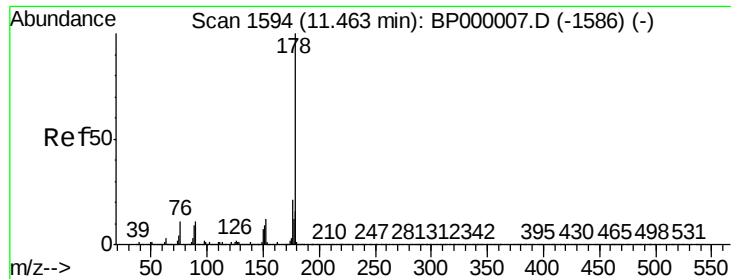
mohammad  
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#70  
Pentachlorophenol  
Concen: 75.736 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 50.1  | 75.1  |
| 264     | 63.4  | 50.6  | 76.0  |





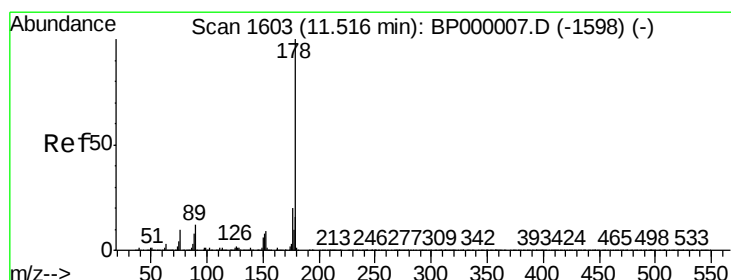
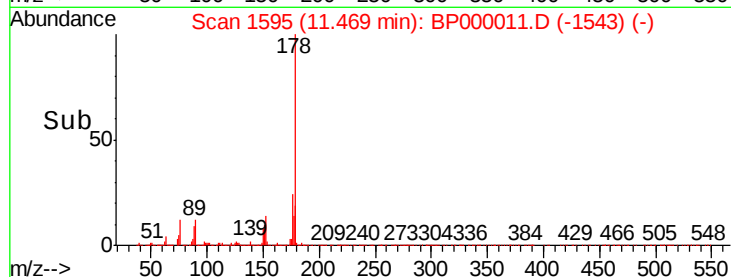
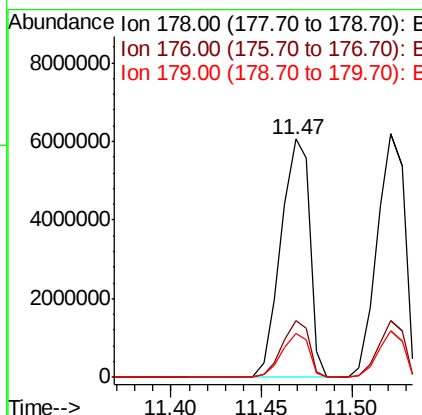
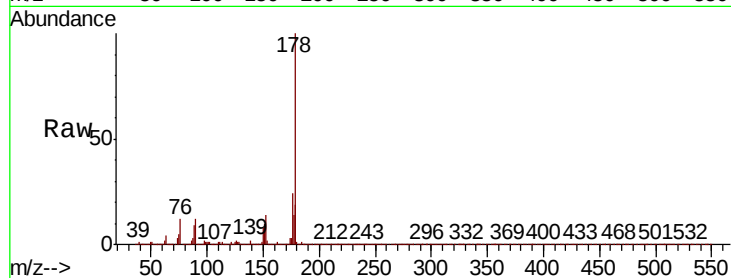
#71  
Phenanthrene  
Concen: 72.472 ng  
RT: 11.47 min Scan# 1595  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 23.7 | 16.7  | 25.1  |       |
| 179     | 18.6 | 13.1  | 19.7  |       |

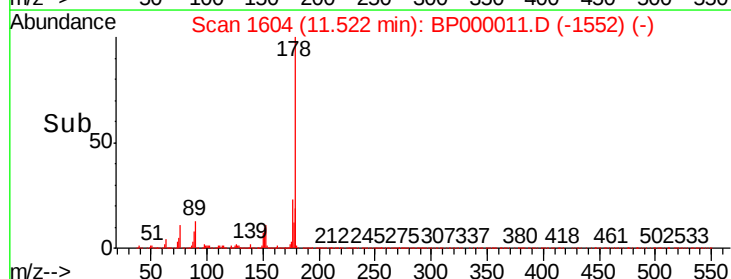
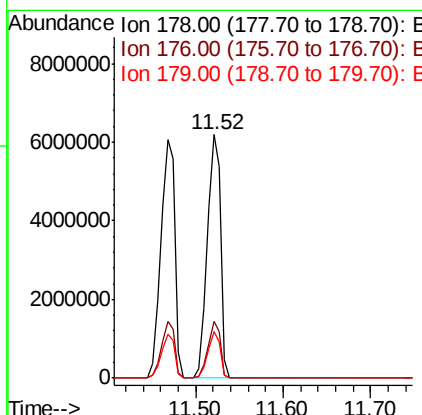
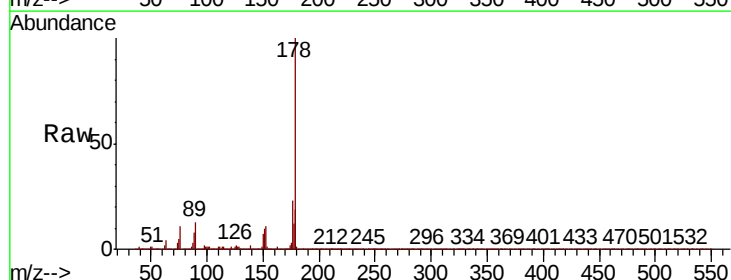
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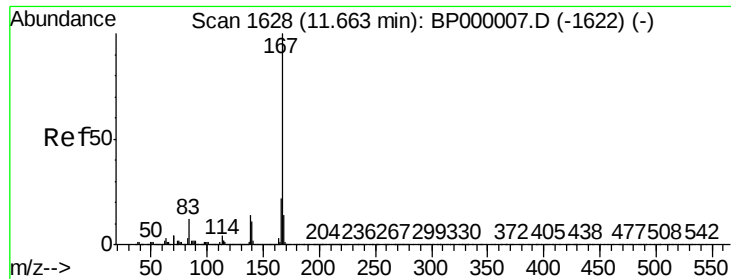
mohammad  
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#72  
Anthracene  
Concen: 68.651 ng  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 23.4 | 15.9  | 23.9  |       |
| 179     | 19.0 | 13.0  | 19.6  |       |





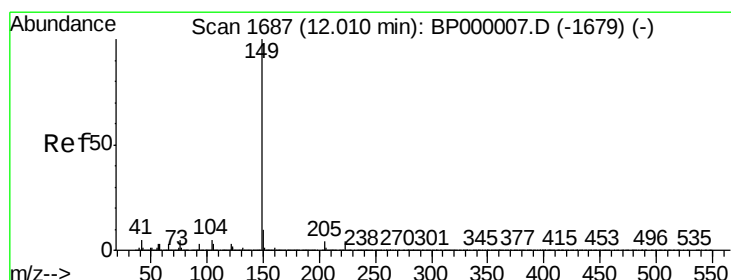
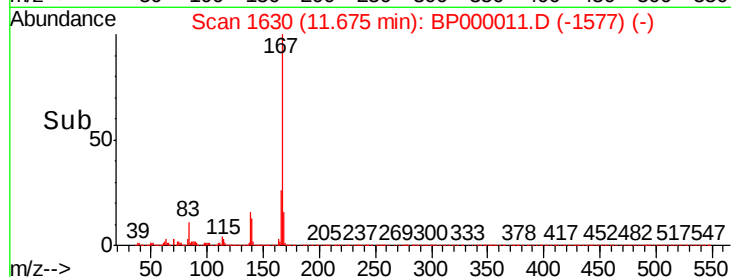
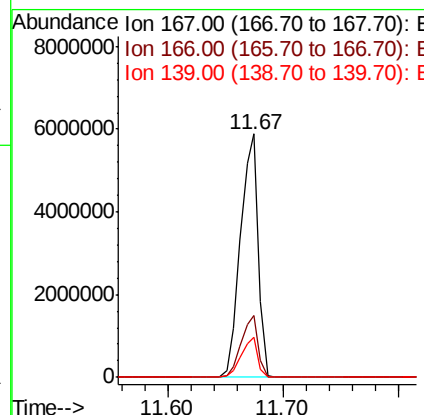
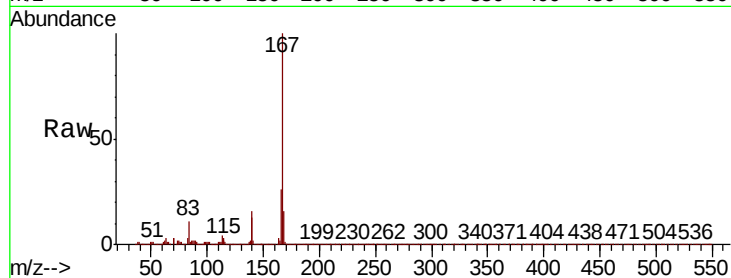
#73  
 Carbazole  
 Concen: 75.550 ng  
 RT: 11.67 min Scan# 1630  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.6  | 17.9  | 26.9  |
| 139     | 16.2  | 11.4  | 17.2  |

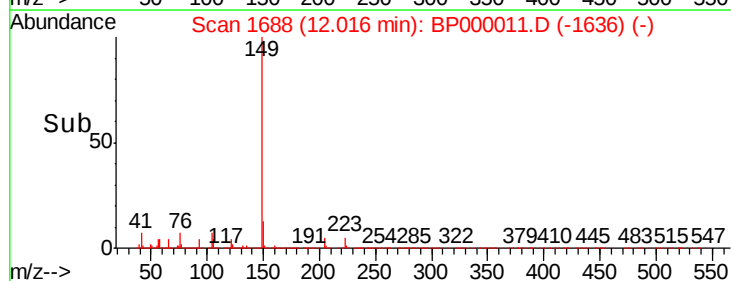
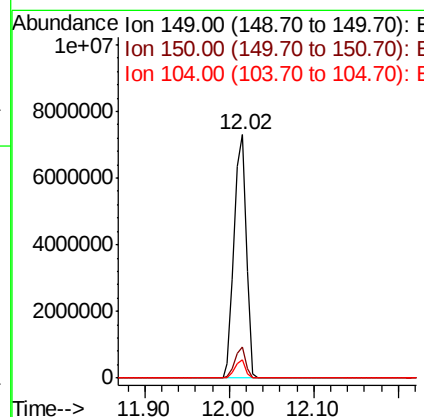
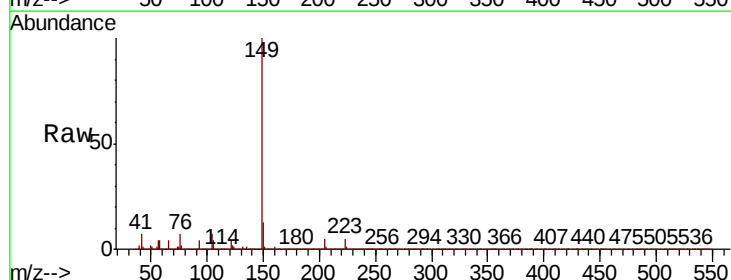
Manual Integrations  
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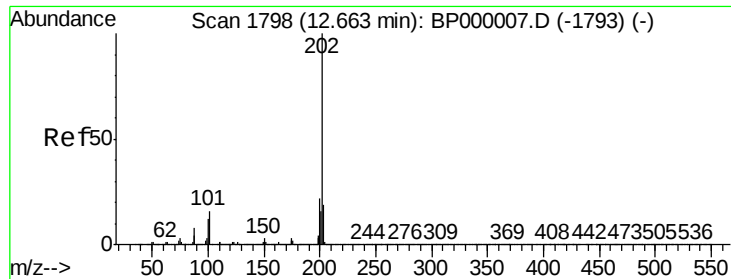
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 65.888 ng  
 RT: 12.02 min Scan# 1688  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 12.6  | 8.0   | 12.0# |
| 104     | 7.4   | 4.4   | 6.6#  |





#75

Fluoranthene

Concen: 76.073 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

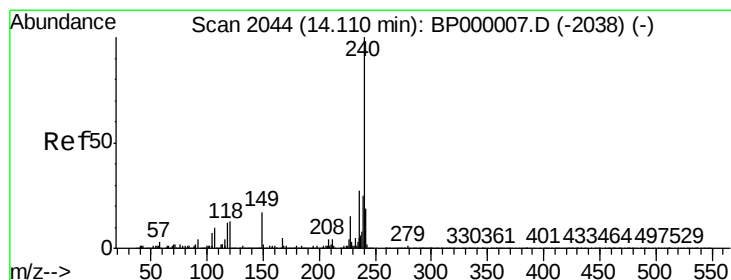
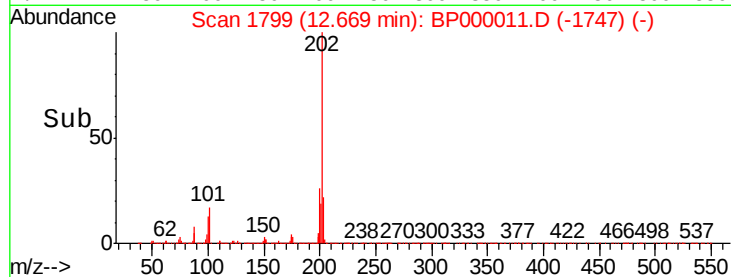
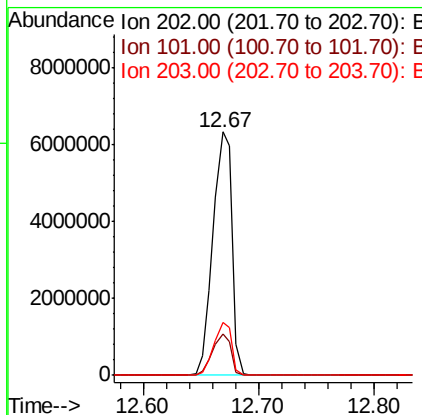
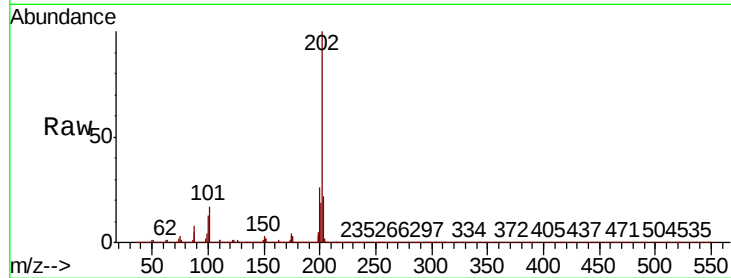
ClientSampleId :

SSTDIC100

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 7243606 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 17.0  | 0.0   | 36.4    |
| 203      | 21.6  | 0.0   | 38.7    |

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#76

Chrysene-d12

Concen: 20.000 ng

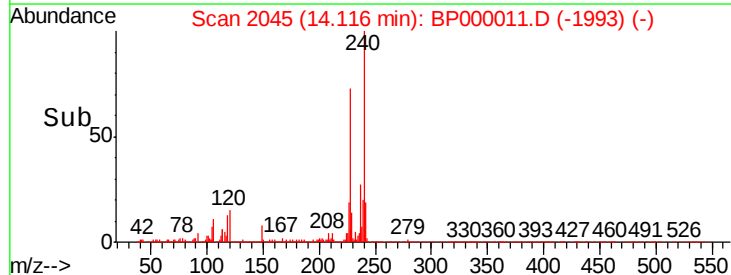
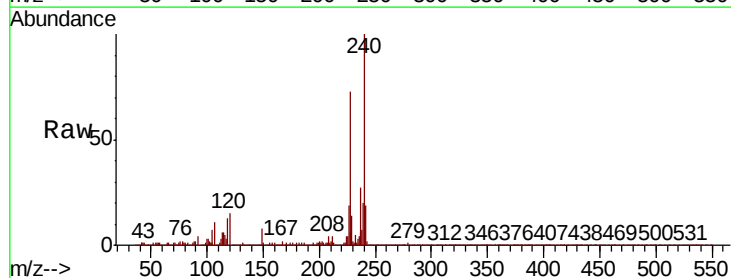
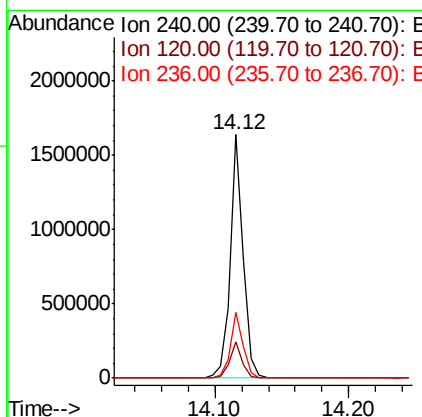
RT: 14.12 min Scan# 2045

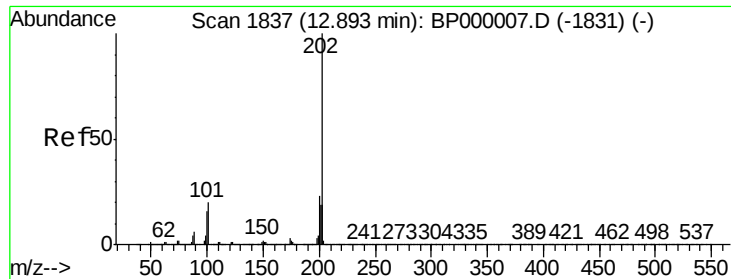
Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1111439 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 15.0  | 10.5  | 15.7    |
| 236      | 27.0  | 21.5  | 32.3    |





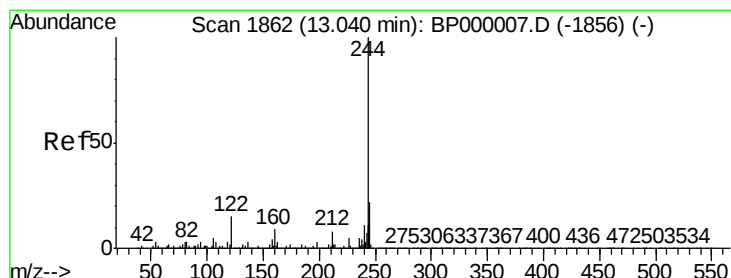
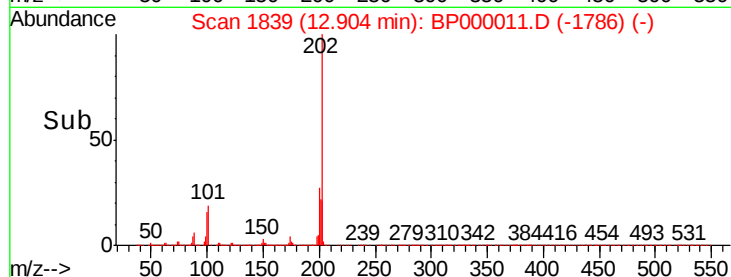
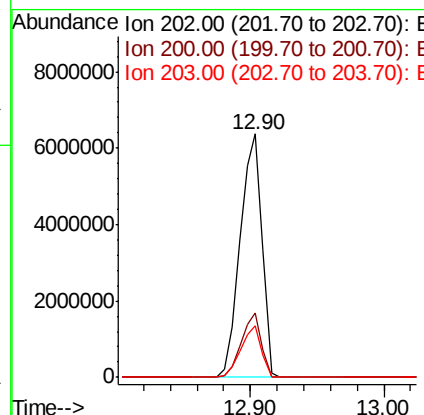
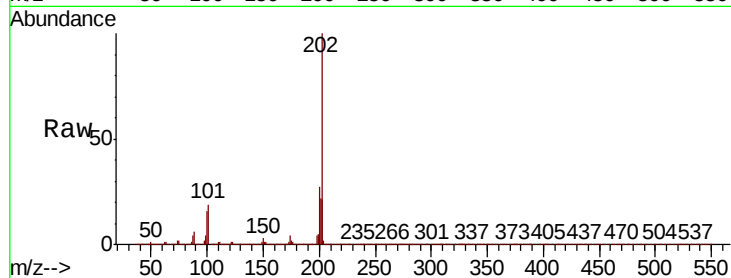
#78  
Pvrene  
Concen: 71.509 ng  
RT: 12.90 min Scan# 1839  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 26.6  | 18.5  | 27.7  |
| 203     | 21.5  | 15.1  | 22.7  |

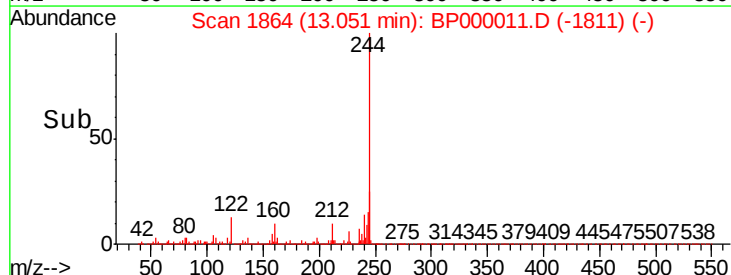
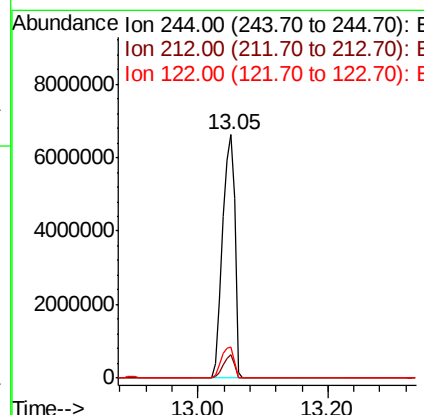
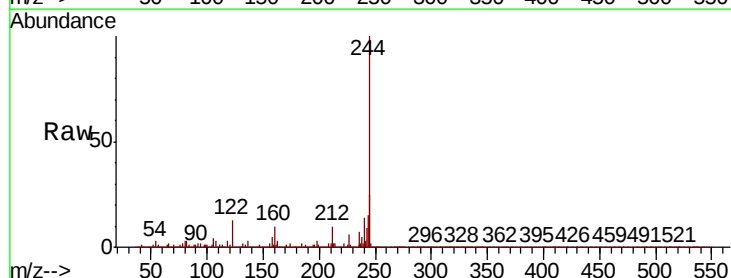
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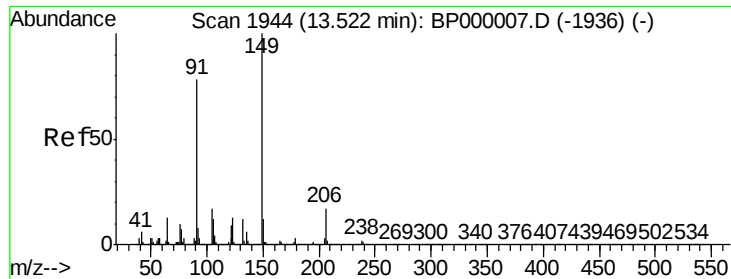
mohammad  
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#79  
Terphenyl-d14  
Concen: 133.409 ng  
RT: 13.05 min Scan# 1864  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.9   | 6.6   | 10.0  |
| 122     | 12.7  | 12.3  | 18.5  |





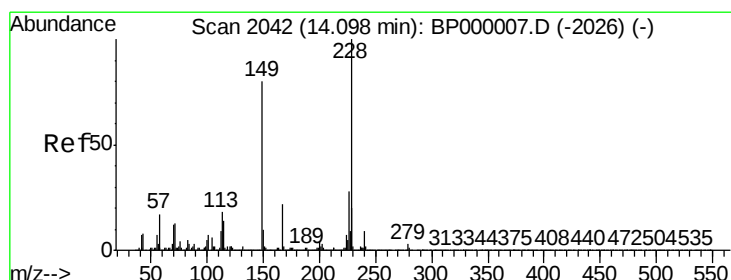
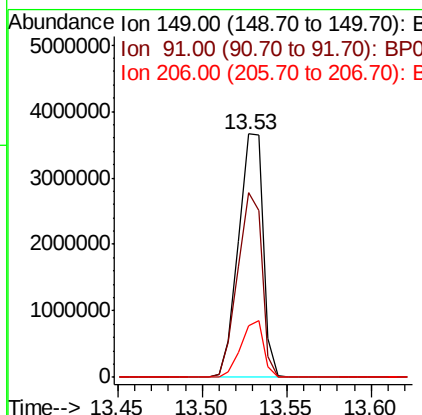
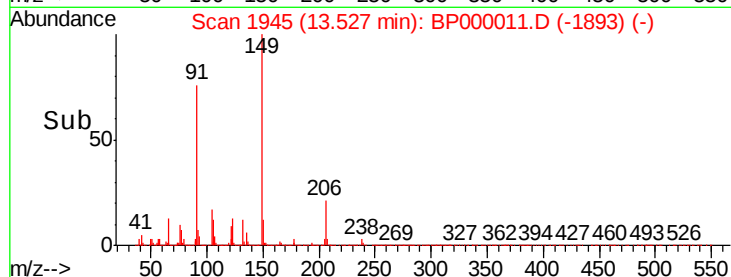
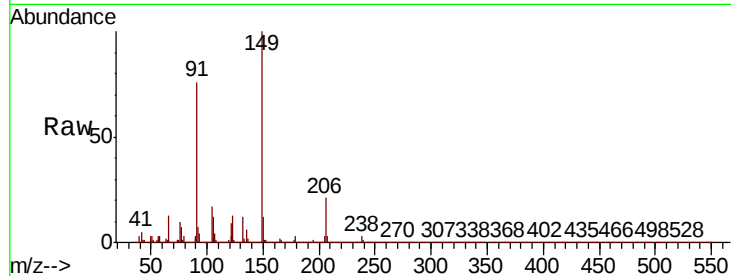
#80  
Butylbenzylphthalate  
Concen: 84.885 ng  
RT: 13.53 min Scan# 1945  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 75.7  | 62.7  | 94.1  |
| 206     | 21.1  | 13.8  | 20.6  |

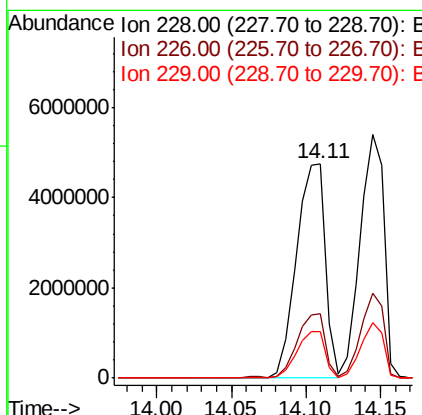
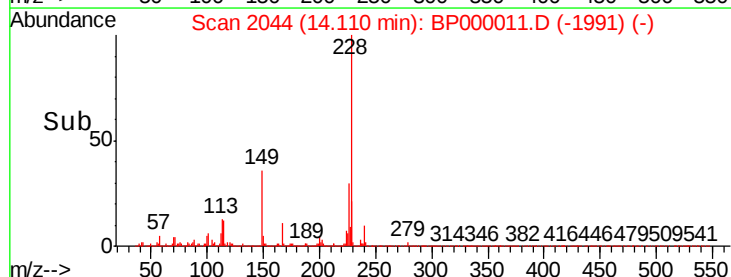
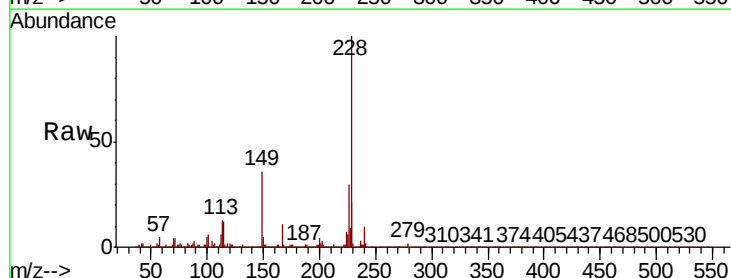
Manual Integrations  
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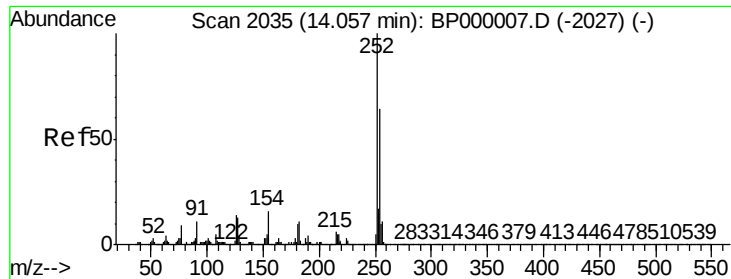
mohammad  
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#81  
Benzo(a)anthracene  
Concen: 83.985 ng  
RT: 14.11 min Scan# 2044  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 22.5  | 33.7  |
| 229     | 21.4  | 16.2  | 24.2  |





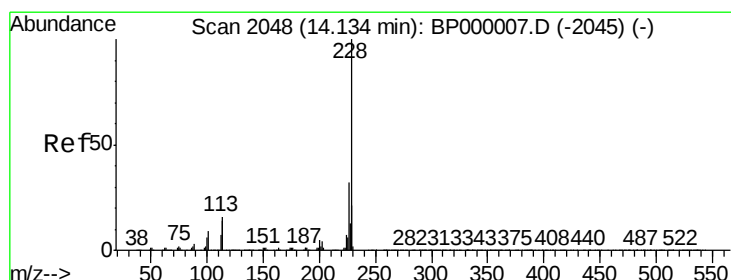
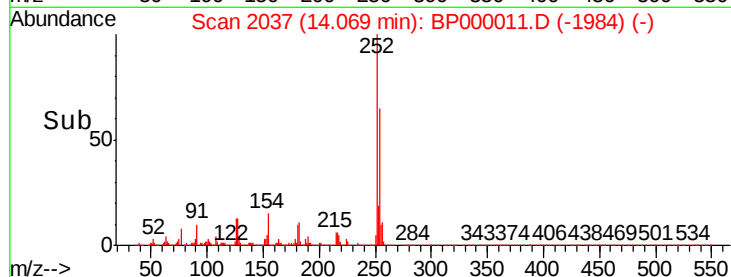
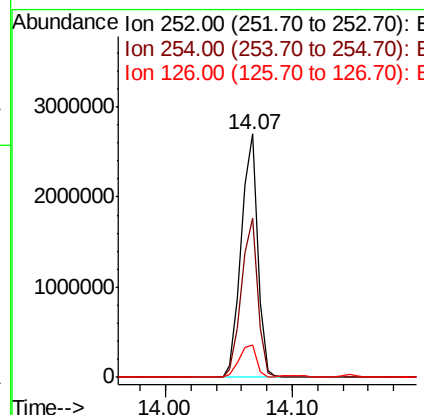
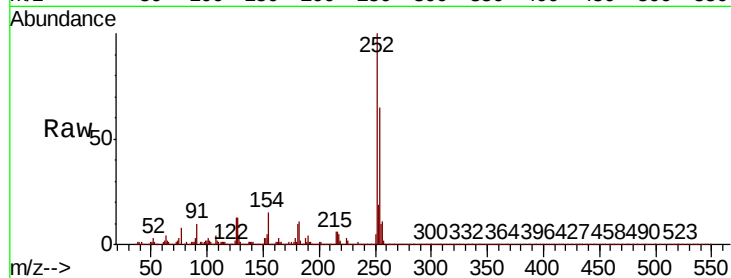
#82  
 3,3'-Dichlorobenzidine  
 Concen: 94.534 ng  
 RT: 14.07 min Scan# 2037  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 51.4  | 77.0  |
| 126     | 13.3  | 11.1  | 16.7  |

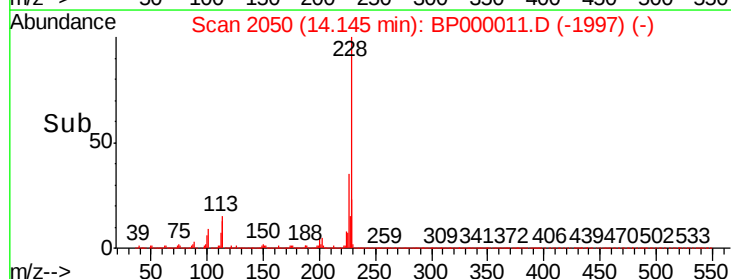
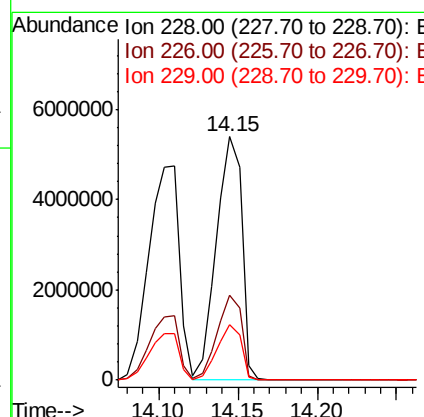
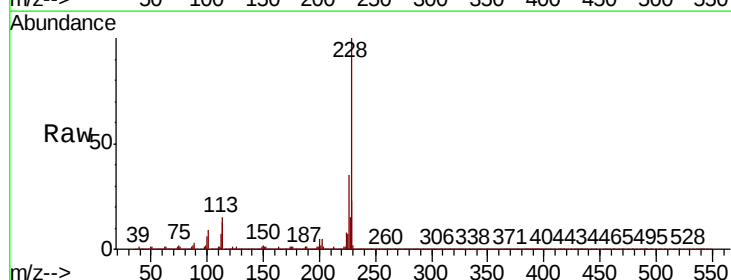
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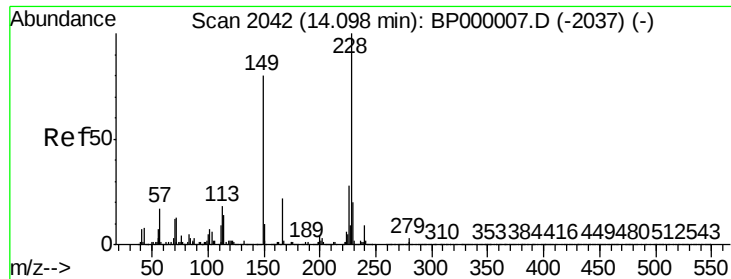
mohammad  
 9/4/2019 1:46:59 PM



#83  
 Chrysene  
 Concen: 79.162 ng  
 RT: 14.15 min Scan# 2050  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 35.0  | 25.5  | 38.3  |
| 229     | 22.6  | 16.5  | 24.7  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 75.055 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 4167638

Ion Ratio Lower Upper

149 100

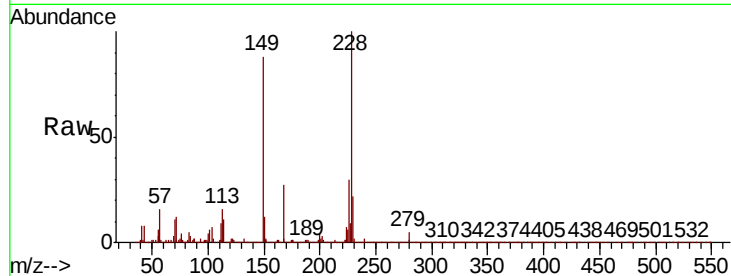
167 30.4 22.4 33.6

279 6.0 3.1 4.7#

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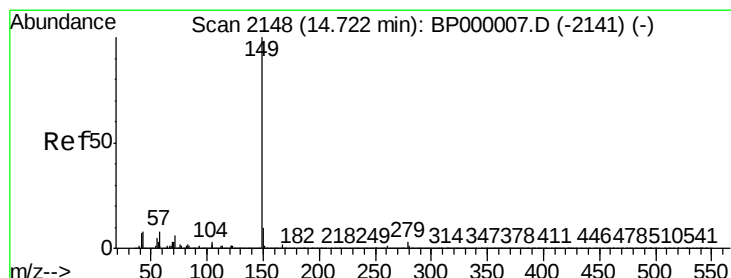
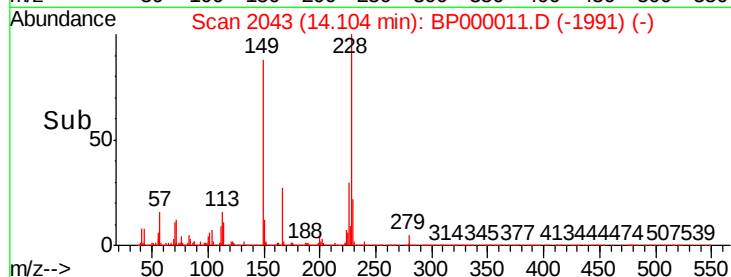
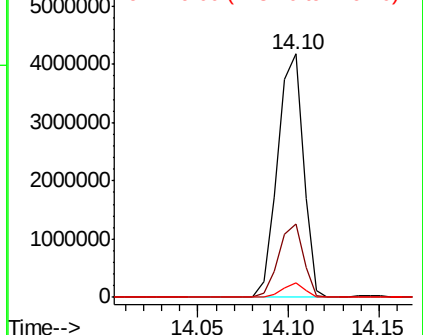
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 88.444 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BP000011.D

Acq: 30 Aug 2019 17:16

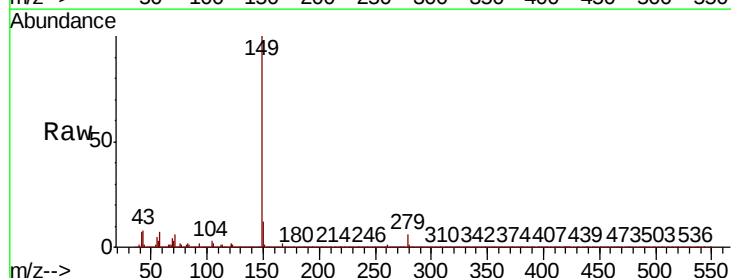
Tgt Ion:149 Resp: 7483000

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

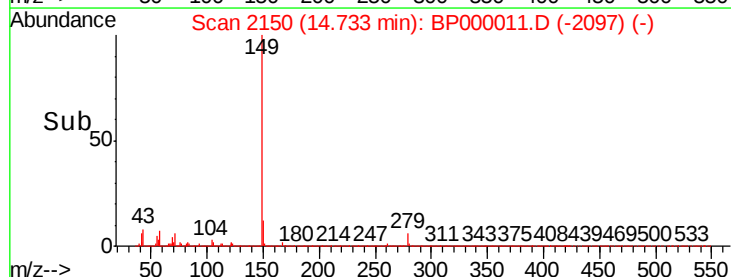
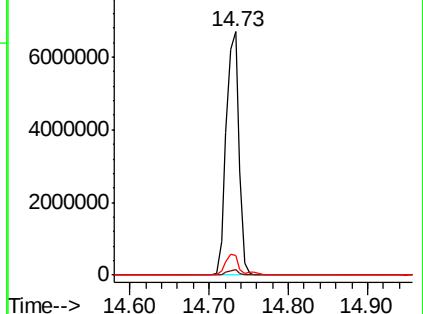
43 9.6 6.5 9.7

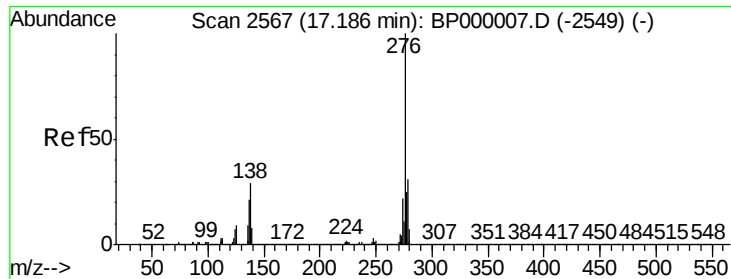


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO





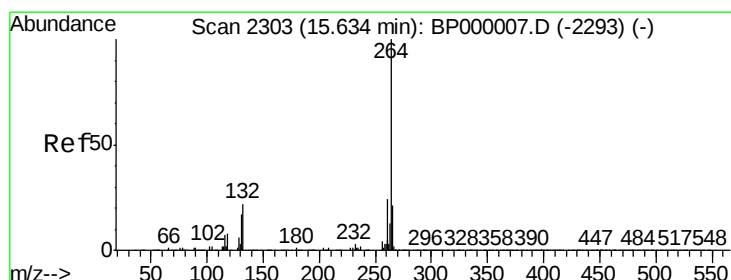
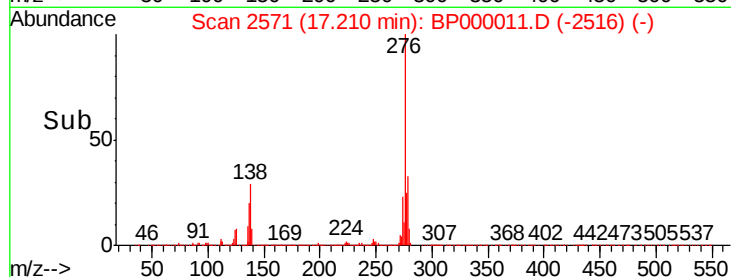
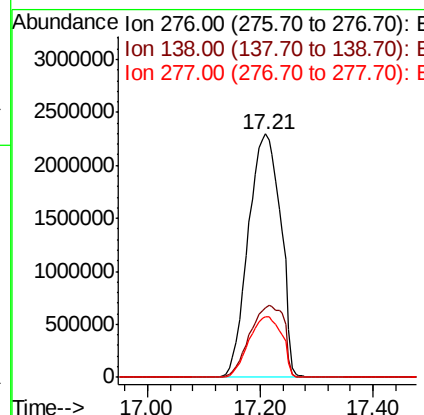
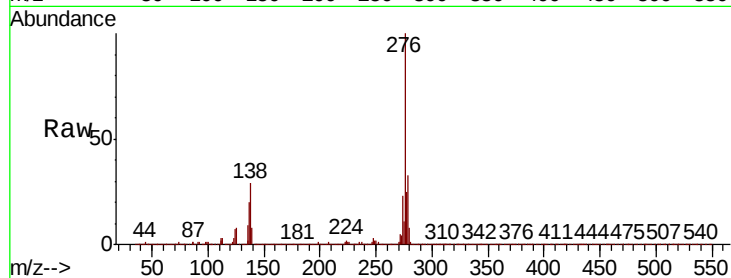
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 152.832 ng  
 RT: 17.21 min Scan# 2571  
 Delta R.T. 0.02 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.6  | 26.5  | 39.7  |
| 277     | 25.7  | 20.3  | 30.5  |

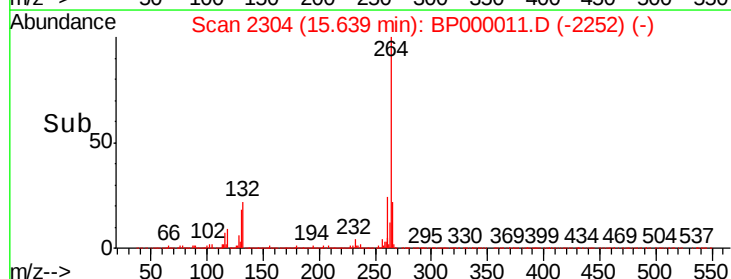
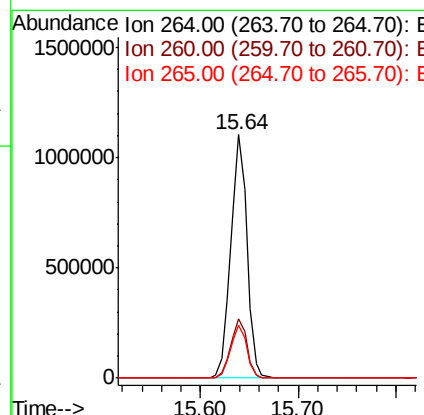
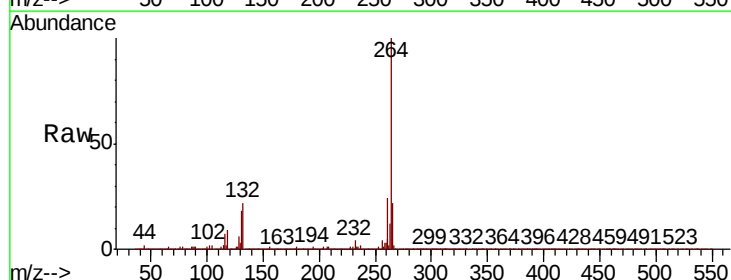
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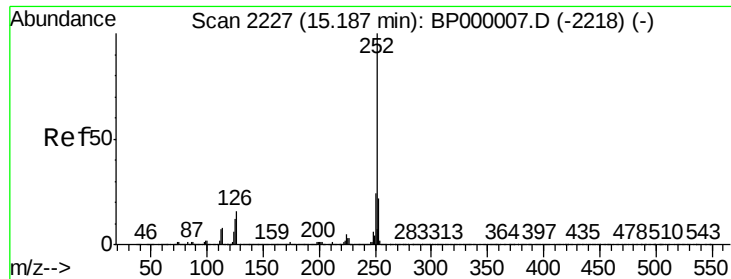
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#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.64 min Scan# 2304  
 Delta R.T. 0.01 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.1  | 28.7  |
| 265     | 21.5  | 17.1  | 25.7  |





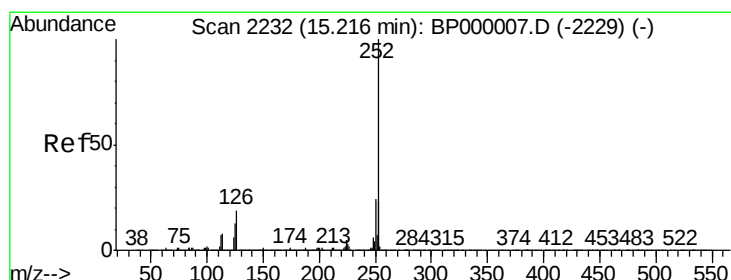
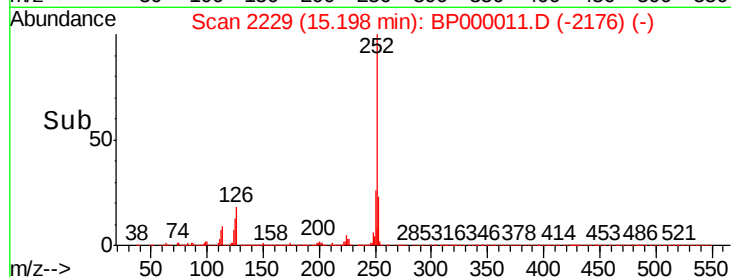
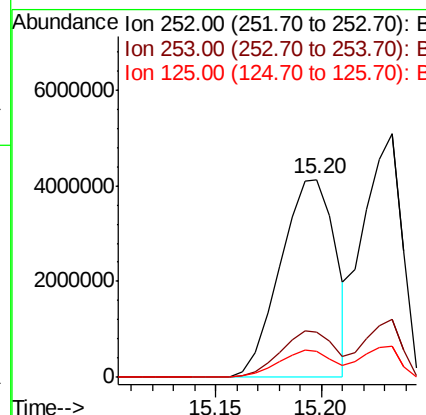
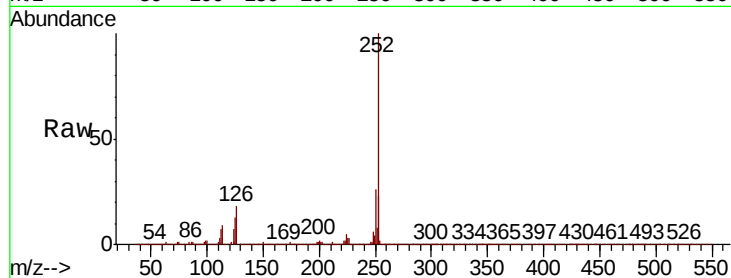
#88  
Benzo(b)fluoranthene  
Concen: 92.226 ng  
RT: 15.20 min Scan# 2229  
Delta R.T. 0.01 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.8  | 26.6  |
| 125     | 13.2  | 9.4   | 14.2  |

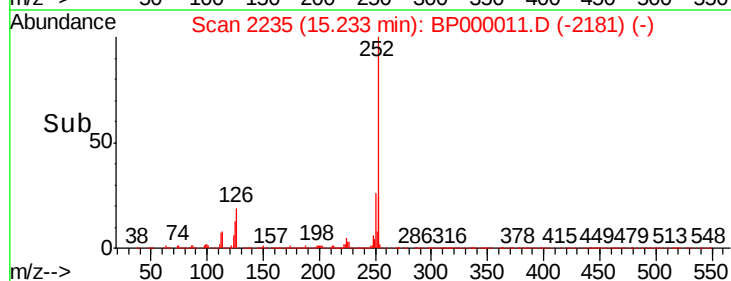
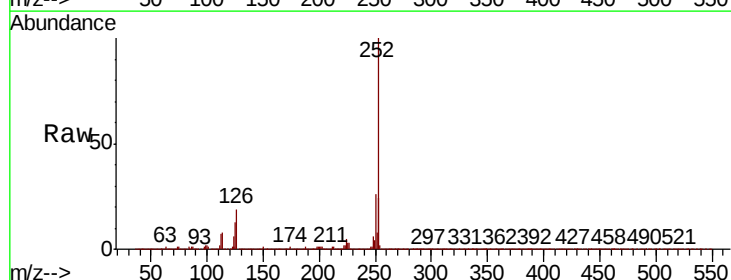
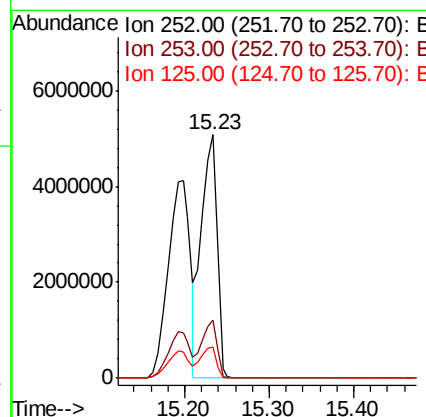
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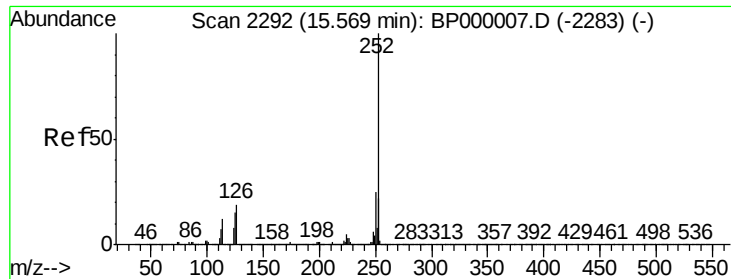
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#89  
Benzo(k)fluoranthene  
Concen: 83.162 ng  
RT: 15.23 min Scan# 2235  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.1  | 18.0  | 27.0  |
| 125     | 12.7  | 10.3  | 15.5  |





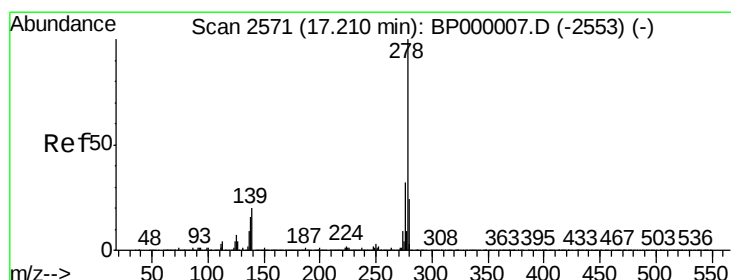
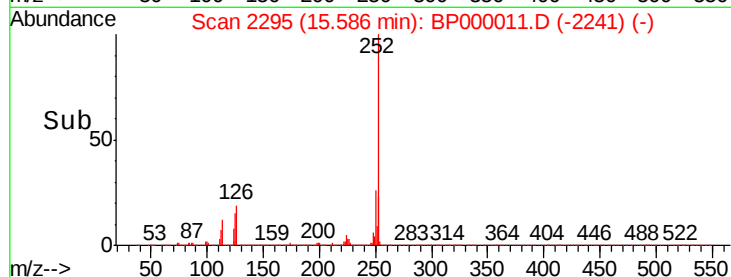
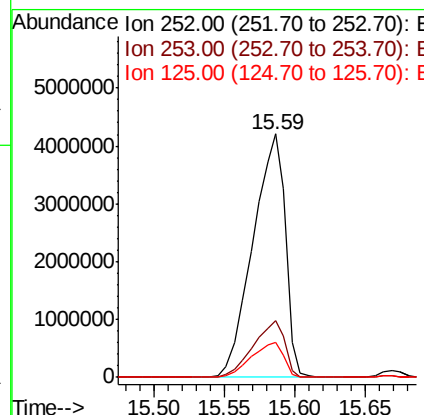
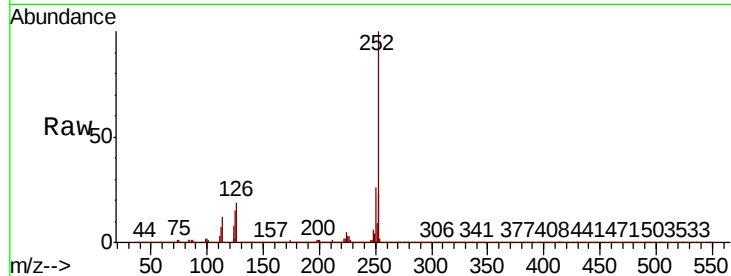
#90  
Benzo(a)pyrene  
Concen: 94.621 ng  
RT: 15.59 min Scan# 2295  
Delta R.T. 0.02 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.5  | 26.3  |
| 125     | 14.6  | 11.7  | 17.5  |

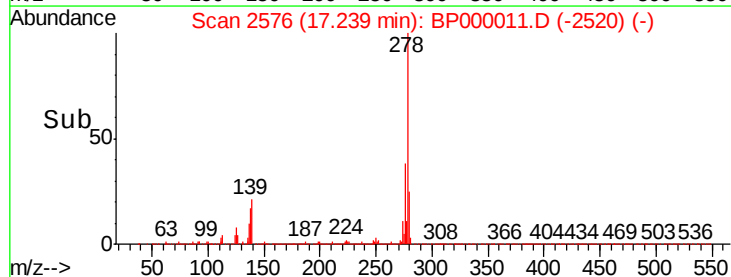
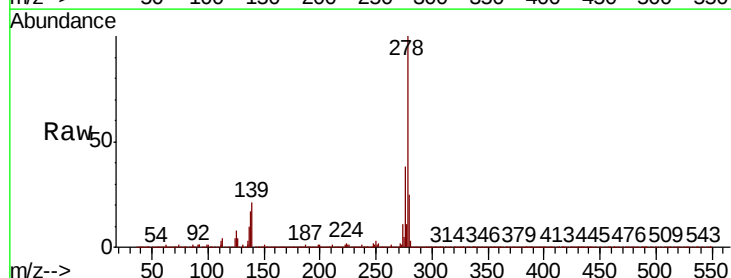
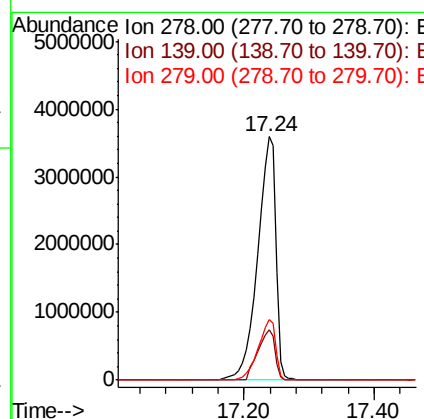
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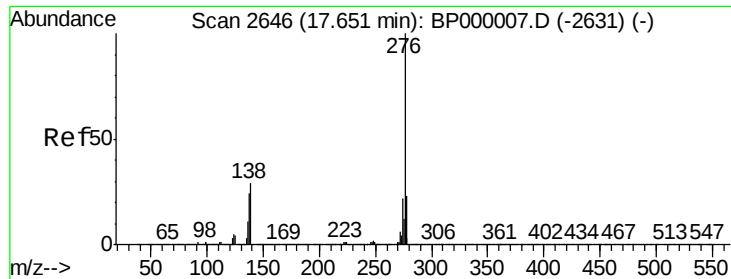
mohammad  
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#91  
Dibenzo(a,h)anthracene  
Concen: 99.561 ng  
RT: 17.24 min Scan# 2576  
Delta R.T. 0.03 min  
Lab File: BP000011.D  
Acq: 30 Aug 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.5  | 16.4  | 24.6  |
| 279     | 25.1  | 19.2  | 28.8  |





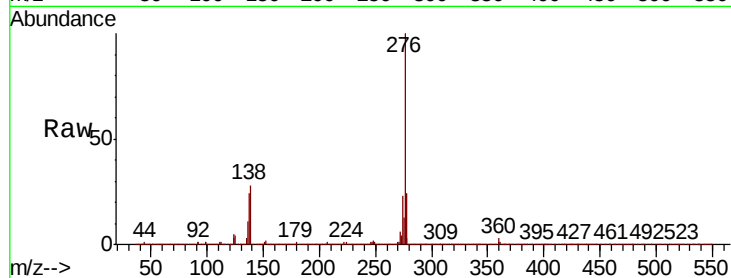
#92  
 Benzo(a,h,i)perylene  
 Concen: 108.114 ng  
 RT: 17.69 min Scan# 2653  
 Delta R.T. 0.04 min  
 Lab File: BP000011.D  
 Acq: 30 Aug 2019 17:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.6  | 28.0  |
| 138     | 28.1  | 23.0  | 34.4  |

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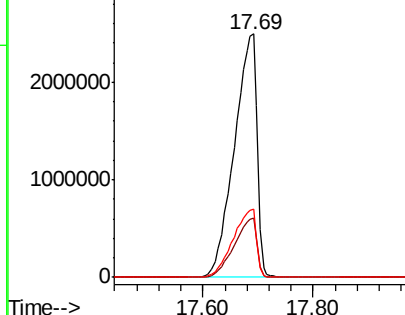
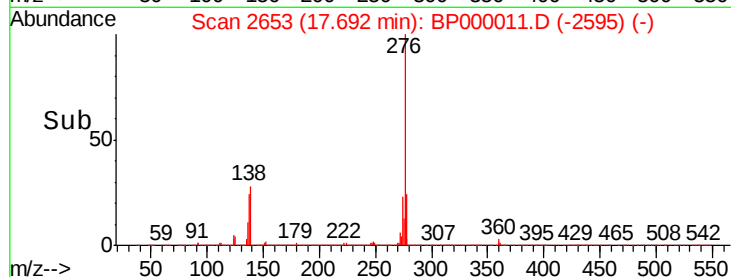


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
 Data File : BP000011.D  
 Acq On : 30 Aug 2019 17:16  
 Operator : HP/JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

Manual Integrations  
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Quant Time: Aug 30 17:49:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 15:59:04 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 481188   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1804003  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.95  | 164  | 902650   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.44 | 188  | 1644781  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.12 | 240  | 1111439  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.64 | 264  | 1275569  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 5488143 | 126.54 | ng | 0.01 |
| 7) Phenol-d6             | 6.53  | 99  | 7025887 | 159.10 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 5581966 | 161.44 | ng | 0.02 |
| 42) 2,4,6-Tribromophenol | 10.75 | 330 | 1507716 | 138.38 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 0.00  | 172 | 0d      | 0.00   | ng |      |
| 79) Terphenyl-d14        | 13.05 | 244 | 8716352 | 133.41 | ng | 0.01 |

## Target Compounds

|                                |      |     |         |         |    | Qvalue |
|--------------------------------|------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 2.68 | 88  | 1371873 | 64.949  | ng | 99     |
| 3) Pyridine                    | 3.46 | 79  | 3733427 | 64.092  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 1222181 | 54.072  | ng | 96     |
| 6) Aniline                     | 6.56 | 93  | 5464404 | 91.893  | ng | 99     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 2824804 | 75.181  | ng | 98     |
| 10) Phenol                     | 6.55 | 94  | 4166484 | 84.744  | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 3141543 | 85.270  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 3226480 | 82.684  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 3188417 | 84.693  | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 2813075 | 84.215  | ng | 97     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 2684602 | 89.866  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 3255016 | 91.084  | ng | 95     |
| 17) 2-Methylphenol             | 7.15 | 107 | 2540070 | 96.999  | ng | 99     |
| 18) Hexachloroethane           | 7.42 | 117 | 1249179 | 93.948  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70  | 1997411 | 86.179  | ng | 100    |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 2775981 | 82.734  | ng | # 80   |
| 22) Acetophenone               | 7.32 | 105 | 3680509 | 71.779  | ng | 96     |
| 24) Nitrobenzene               | 7.49 | 77  | 2975344 | 85.811  | ng | 91     |
| 25) Isophorone                 | 7.73 | 82  | 6037670 | 97.366  | ng | 96     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 1404234 | 88.504  | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 2345717 | 96.713  | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 3681137 | 96.383  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 2419896 | 93.252  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.13 | 180 | 2656676 | 88.367  | ng | 100    |
| 31) Naphthalene                | 8.21 | 128 | 6584094 | 71.229  | ng | # 92   |
| 32) Benzoic acid               | 7.97 | 122 | 1909789 | 94.831  | ng | 98     |
| 33) 4-Chloroaniline            | 8.26 | 127 | 3780612 | 97.291  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 1521547 | 87.186  | ng | 99     |
| 35) Caprolactam                | 8.65 | 113 | 937875m | 116.465 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 2687882 | 93.911  | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 4852933 | 79.483  | ng | 96     |
| 38) 1-Methylnaphthalene        | 9.00 | 142 | 4555027 | 79.126  | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 2341321 | 75.204  | ng | 99     |
| 41) Hexachlorocyclopentadiene  | 9.06 | 237 | 1424751 | 77.185  | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
 Data File : BP000011.D  
 Acq On : 30 Aug 2019 17:16  
 Operator : HP/JU  
 Sample : SSTDICC100  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC100

Manual Integrations  
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Quant Time: Aug 30 17:49:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 15:59:04 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 1719123  | 81.893  | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.22  | 196  | 1809324  | 84.454  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.37  | 154  | 5265064  | 59.882  | nq    | 92       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 4639256  | 68.365  | nq    | 93       |
| 48) 2-Nitroaniline             | 9.48  | 65   | 1528332  | 72.563  | nq    | 90       |
| 49) Acenaphthylene             | 9.81  | 152  | 6510019  | 70.539  | nq    | 93       |
| 50) Dimethylphthalate          | 9.67  | 163  | 5327805  | 68.675  | nq    | # 97     |
| 51) 2,6-Dinitrotoluene         | 9.73  | 165  | 1306312  | 81.227  | nq    | 92       |
| 52) Acenaphthene               | 9.99  | 154  | 4261249  | 75.010  | nq    | 98       |
| 53) 3-Nitroaniline             | 9.90  | 138  | 1574120  | 90.330  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 10.00 | 184  | 521945   | 73.003  | nq    | # 31     |
| 55) Dibenzofuran               | 10.16 | 168  | 5808034  | 67.974  | nq    | # 88     |
| 56) 4-Nitrophenol              | 10.05 | 139  | 1190290  | 98.266  | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.13 | 165  | 1711764  | 84.979  | nq    | 94       |
| 58) Fluorene                   | 10.50 | 166  | 4304390  | 62.126  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 1312028  | 78.193  | nq    | 98       |
| 60) Diethylphthalate           | 10.37 | 149  | 5440362  | 74.142  | nq    | 95       |
| 61) 4-Chlorophenyl-phenylether | 10.49 | 204  | 2355671  | 67.827  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.52 | 138  | 1529657  | 79.966  | nq    | 96       |
| 63) Azobenzene                 | 10.66 | 77   | 4961412  | 68.612  | nq    | 90       |
| 65) 4,6-Dinitro-2-methylphenol | 10.55 | 198  | 723183   | 76.354  | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 10.62 | 169  | 4117216  | 75.789  | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.99 | 248  | 1521446  | 80.277  | nq    | 98       |
| 68) Hexachlorobenzene          | 11.06 | 284  | 1688926  | 80.076  | nq    | 96       |
| 70) Pentachlorophenol          | 11.25 | 266  | 955104   | 75.736  | nq    | 99       |
| 71) Phenanthrene               | 11.47 | 178  | 6739425  | 72.472  | nq    | 94       |
| 72) Anthracene                 | 11.52 | 178  | 6514697  | 68.651  | nq    | 93       |
| 73) Carbazole                  | 11.67 | 167  | 6266756  | 75.550  | nq    | 94       |
| 74) Di-n-butylphthalate        | 12.02 | 149  | 7220325  | 65.888  | nq    | # 93     |
| 75) Fluoranthene               | 12.67 | 202  | 7243606  | 76.073  | nq    | 96       |
| 78) Pyrene                     | 12.90 | 202  | 7250654  | 71.509  | nq    | 93       |
| 80) Butylbenzylphthalate       | 13.53 | 149  | 3724374  | 84.885  | nq    | # 96     |
| 81) Benzo(a)anthracene         | 14.11 | 228  | 6386127  | 83.985  | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 2405523  | 94.534  | nq    | 99       |
| 83) Chrysene                   | 14.15 | 228  | 6023739  | 79.162  | nq    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 4167638  | 75.055  | nq    | # 95     |
| 85) Di-n-octyl phthalate       | 14.73 | 149  | 7483000  | 88.444  | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 9127114  | 152.832 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 7488265  | 92.226  | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 15.23 | 252  | 6478227  | 83.162  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 6797445  | 94.621  | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.24 | 278  | 6958580  | 99.561  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.69 | 276  | 7174804  | 108.114 | nq    | 99       |

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