

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\  
 Data File : BF111765.D  
 Acq On : 27 Dec 2018 16:30  
 Operator : JU/SJ  
 Sample : J6426-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013C-3036-01

Manual Integrations  
 APPROVED

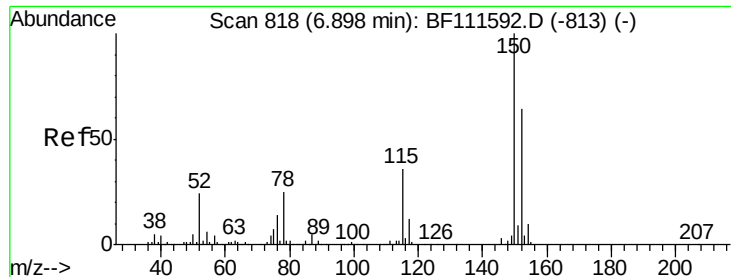
Sohil  
 12/28/2018 10:37:26 AM

Quant Time: Dec 28 06:51:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 17:39:39 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.92  | 152  | 118380   | 20.00   | ng    | 0.02     |
| 21) Naphthalene-d8             | 8.20  | 136  | 372000   | 20.00   | ng    | 0.02     |
| 39) Acenaphthene-d10           | 9.96  | 164  | 180116   | 20.00   | ng    | 0.02     |
| 64) Phenanthrene-d10           | 11.45 | 188  | 296559   | 20.00   | ng    | 0.04     |
| 76) Chrysene-d12               | 14.10 | 240  | 208895   | 20.00   | ng    | 0.05     |
| 87) Perylene-d12               | 15.62 | 264  | 178014   | 20.00   | ng    | 0.11     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.61  | 112  | 244101   | 35.15   | ng    | 0.09     |
| 7) Phenol-d6                   | 6.57  | 99   | 553169   | 62.59   | ng    | 0.05     |
| 23) Nitrobenzene-d5            | 7.47  | 82   | 653901   | 102.32  | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol       | 10.75 | 330  | 236639   | 111.19  | ng    | 0.03     |
| 45) 2-Fluorobiphenyl           | 9.27  | 172  | 1034616  | 83.73   | ng    | 0.02     |
| 79) Terphenyl-d14              | 13.04 | 244  | 941817   | 85.50   | ng    | 0.04     |
| Target Compounds               |       |      |          |         |       |          |
| 3) Pyridine                    | 3.59  | 79   | 18697    | 2.196   | ng    | 90       |
| 10) Phenol                     | 6.58  | 94   | 147413   | 14.782  | ng    | 99       |
| 14) 1,2-Dichlorobenzene        | 7.09  | 146  | 36621    | 4.341   | ng    | # 73     |
| 17) 2-Methylphenol             | 7.17  | 107  | 57998    | 9.415   | ng    | # 85     |
| 20) 3+4-Methylphenols          | 7.32  | 107  | 115853   | 14.884  | ng    | # 64     |
| 30) 1,2,4-Trichlorobenzene     | 8.15  | 180  | 500182   | 77.927  | ng    | 98       |
| 31) Naphthalene                | 8.23  | 128  | 1607643  | 89.943  | ng    | 98       |
| 37) 2-Methylnaphthalene        | 8.92  | 142  | 1443636  | 124.141 | ng    | 96       |
| 38) 1-Methylnaphthalene        | 9.02  | 142  | 821908m  | 73.591  | ng    |          |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.08  | 216  | 39318    | 6.643   | ng    | # 92     |
| 46) 1,1'-Biphenyl              | 9.37  | 154  | 236271   | 15.540  | ng    | 92       |
| 50) Dimethylphthalate          | 9.66  | 163  | 108924   | 8.270   | ng    | # 93     |
| 52) Acenaphthene               | 9.99  | 154  | 46329    | 4.271   | ng    | # 71     |
| 58) Fluorene                   | 10.50 | 166  | 129496   | 10.965  | ng    | # 86     |
| 71) Phenanthrene               | 11.47 | 178  | 531379   | 33.786  | ng    | 96       |
| 75) Fluoranthene               | 12.67 | 202  | 39140m   | 2.458   | ng    |          |
| 78) Pyrene                     | 12.90 | 202  | 90341    | 6.124   | ng    | # 87     |

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





#1

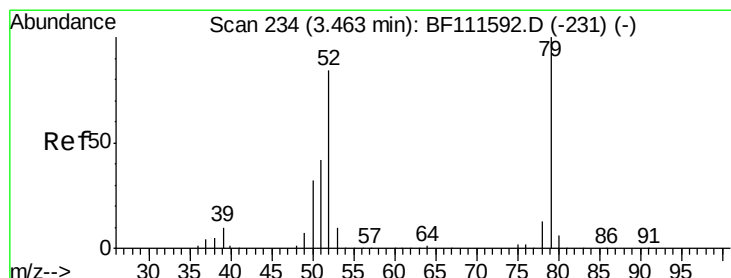
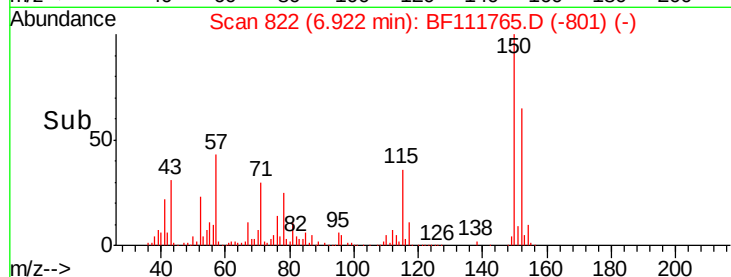
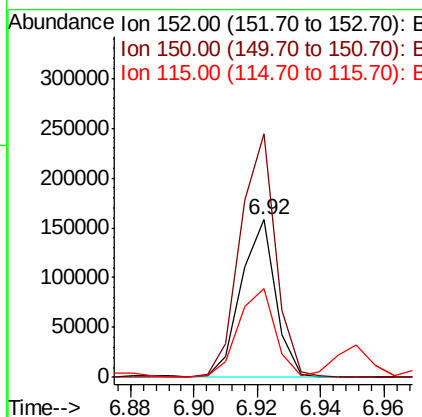
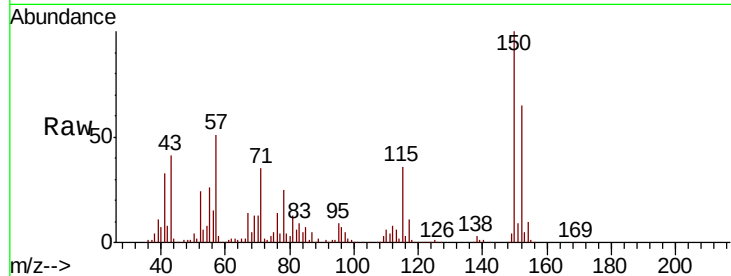
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.92 min Scan# 822  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 126.6 | 189.8 |
| 115     | 56.2  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

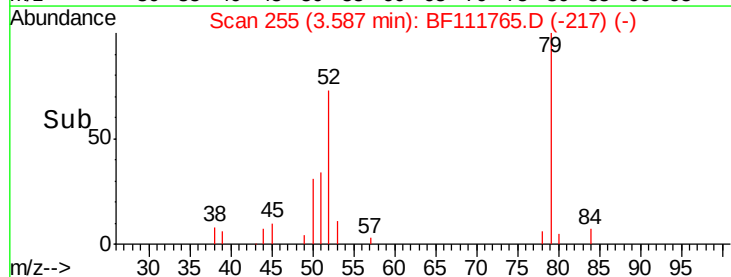
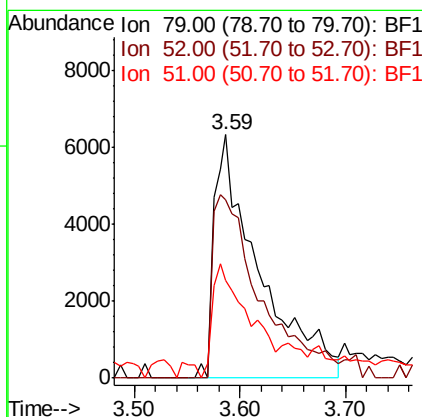
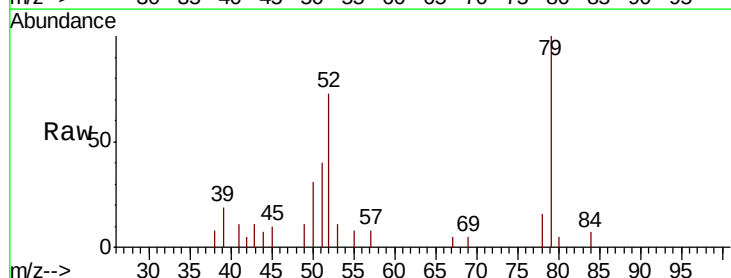
Sohil  
12/28/2018 10:37:26 AM

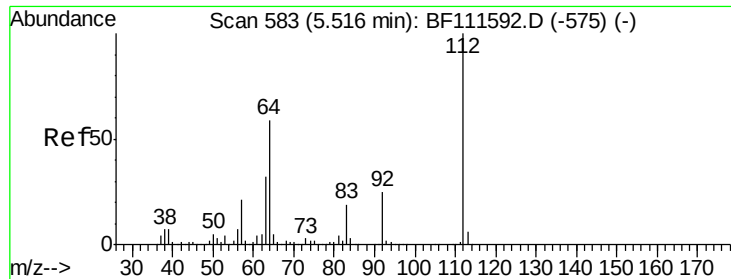


#3

Pyridine  
Concen: 2.196 ng  
RT: 3.59 min Scan# 255  
Delta R.T. 0.12 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 73.2  | 68.3  | 102.5 |
| 51      | 39.9  | 32.6  | 49.0  |





#5

2-Fluorophenol

Concen: 35.148 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.09 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA\_F

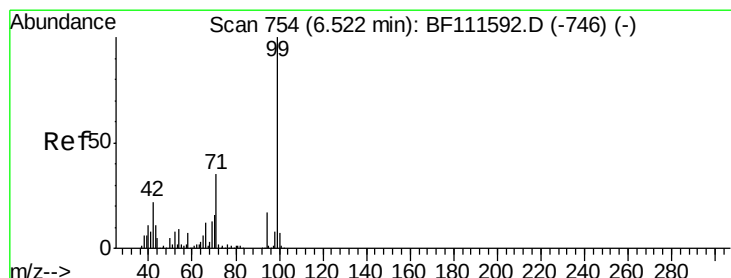
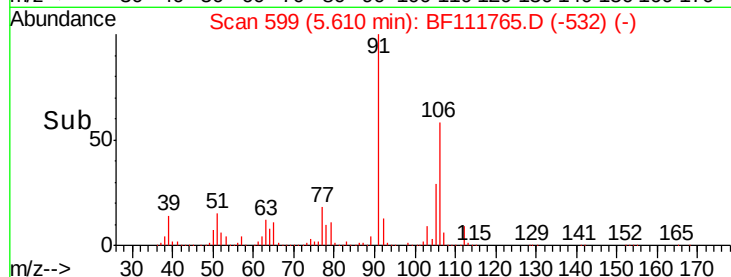
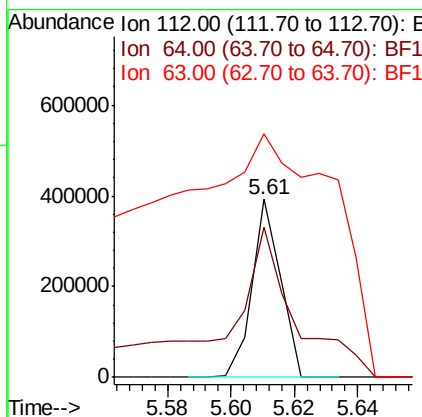
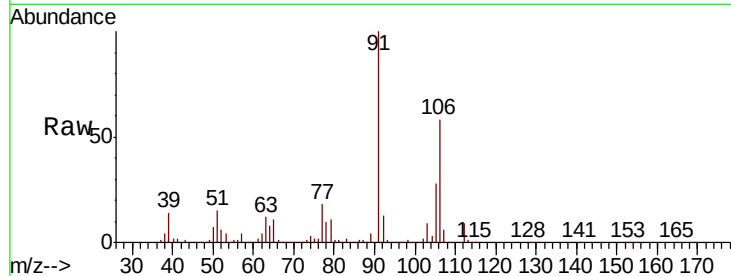
ClientSampleId :

P001-SS013C-3036-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 244101 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 84.2  | 51.8  | 77.6#  |
| 63        | 136.9 | 26.8  | 40.2#  |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM



#7

Phenol-d6

Concen: 62.586 ng

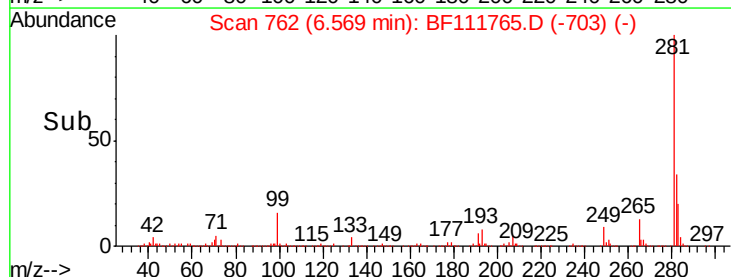
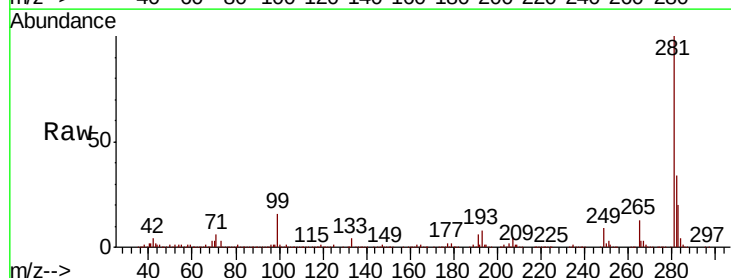
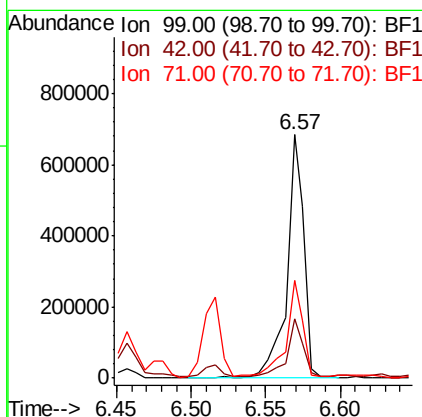
RT: 6.57 min Scan# 762

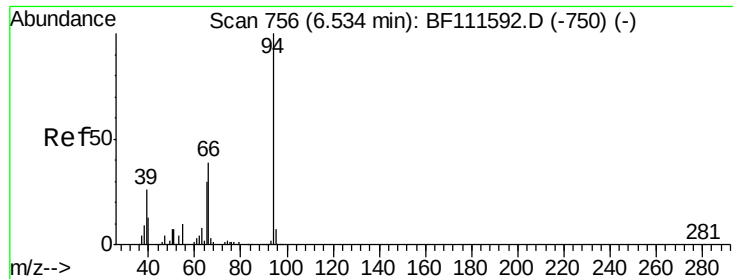
Delta R.T. 0.05 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 553169 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 24.3  | 17.4  | 26.0   |
| 71        | 40.3  | 26.1  | 39.1#  |





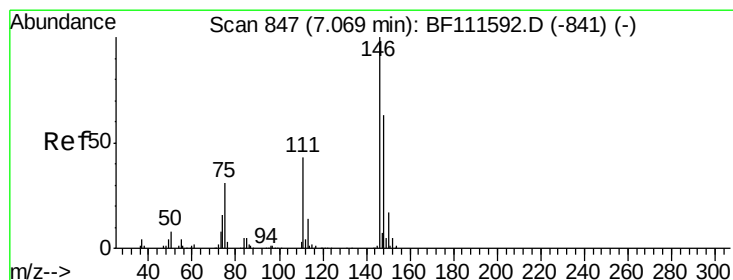
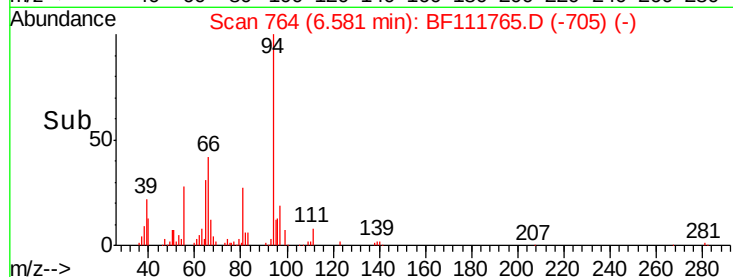
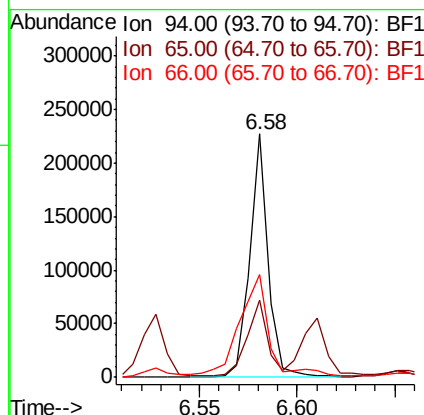
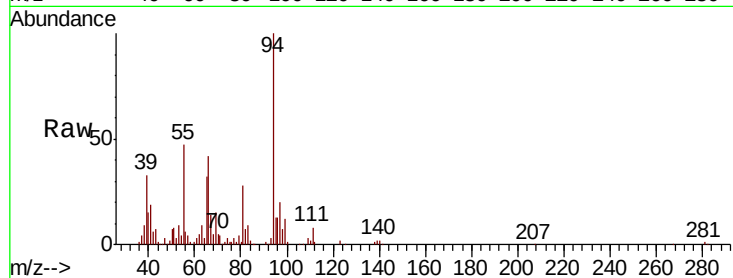
#10  
Phenol  
Concen: 14.782 ng  
RT: 6.58 min Scan# 764  
Delta R.T. 0.05 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.7  | 11.7  | 51.7  |
| 66      | 42.4  | 21.0  | 61.0  |

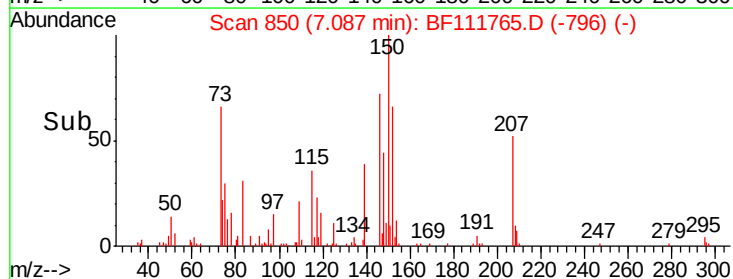
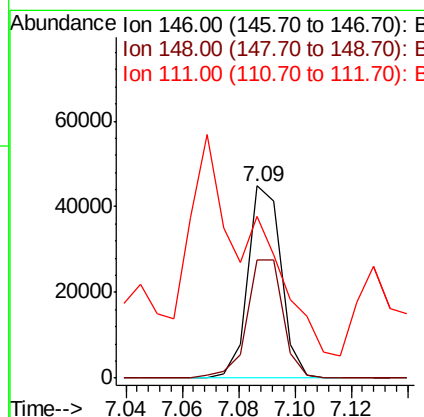
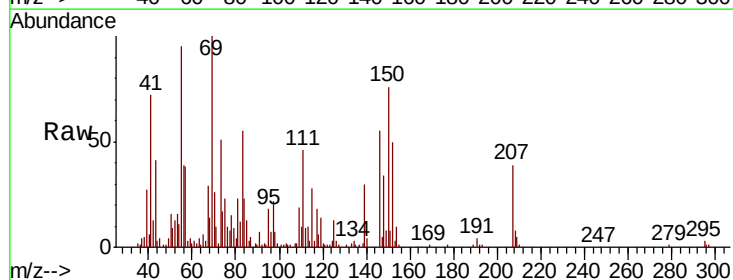
Manual Integrations  
APPROVED

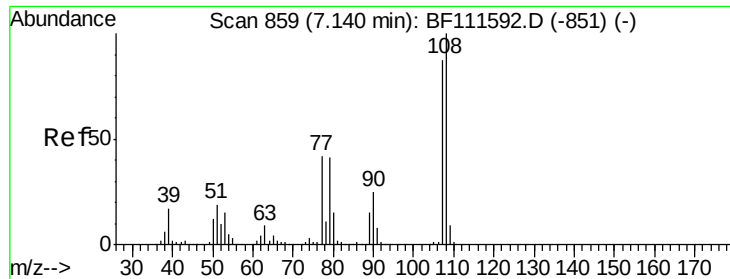
Sohil  
12/28/2018 10:37:26 AM



#14  
1,2-Dichlorobenzene  
Concen: 4.341 ng  
RT: 7.09 min Scan# 850  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.3  | 51.9  | 77.9  |
| 111     | 83.8  | 36.2  | 54.4# |





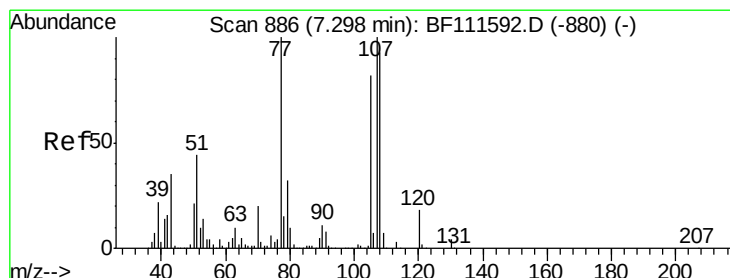
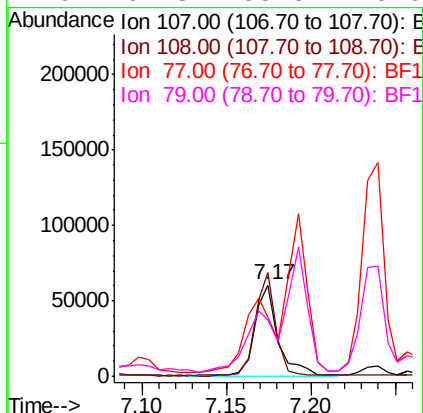
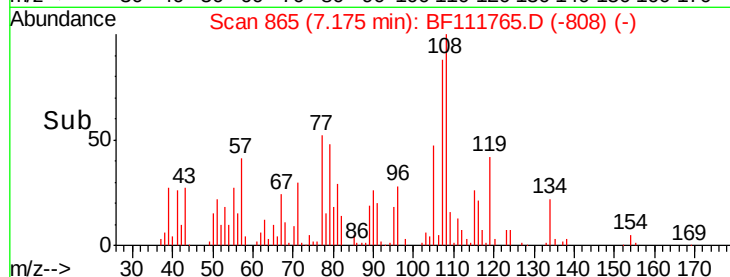
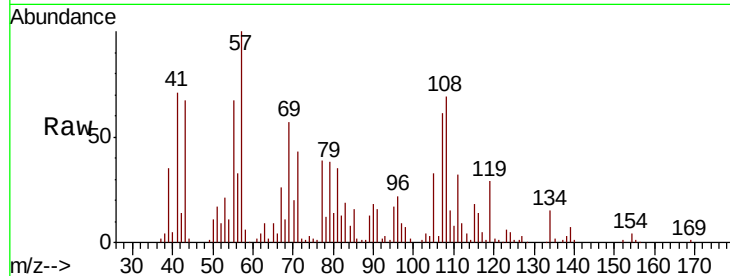
#17  
2-Methylphenol  
Concen: 9.415 ng  
RT: 7.17 min Scan# 865  
Delta R.T. 0.04 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.8 | 91.0 | 136.4 |       |
| 77      | 64.0  | 33.5 | 50.3# |       |
| 79      | 61.8  | 33.3 | 49.9# |       |

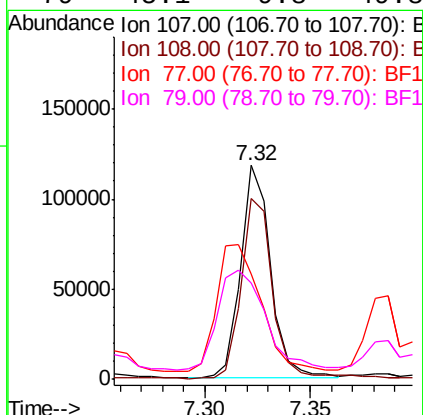
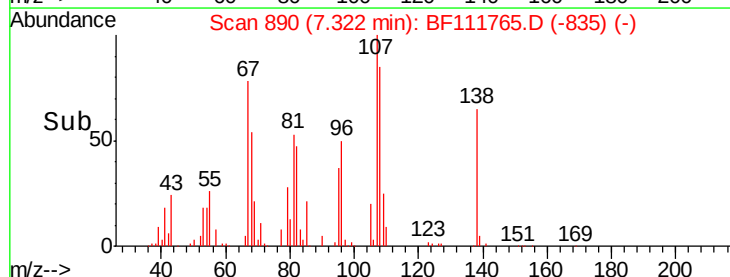
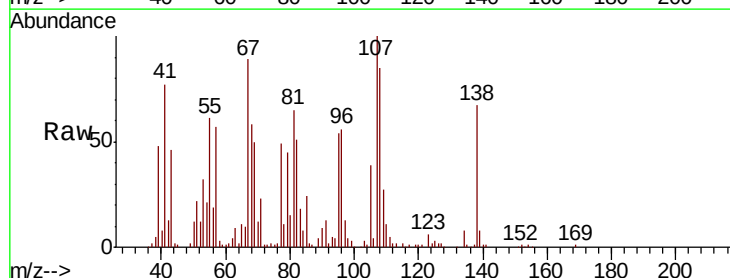
Manual Integrations  
APPROVED

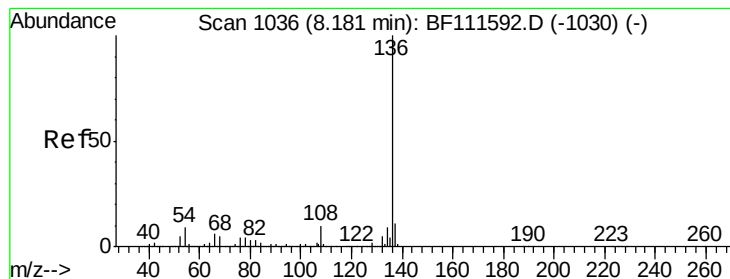
Sohil  
12/28/2018 10:37:26 AM



#20  
3+4-Methylphenols  
Concen: 14.884 ng  
RT: 7.32 min Scan# 890  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 107     | 100   |      |        |       |
| 108     | 84.7  | 72.1 | 112.1  |       |
| 77      | 49.1  | 94.1 | 134.1# |       |
| 79      | 45.1  | 9.8  | 49.8   |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA\_F

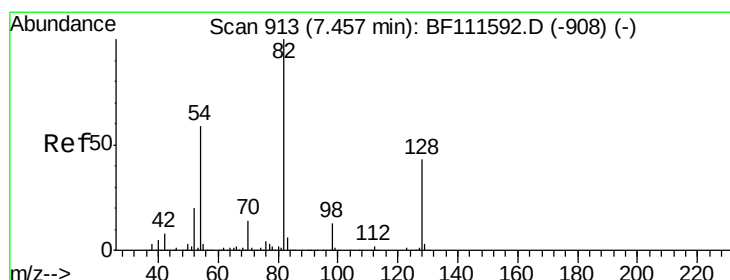
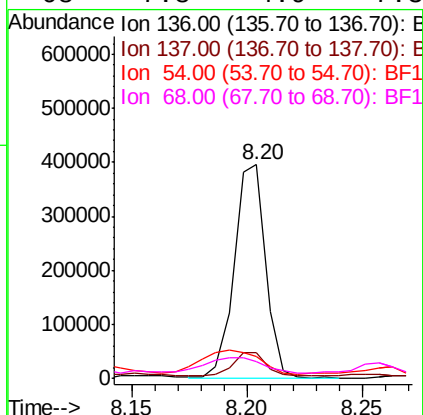
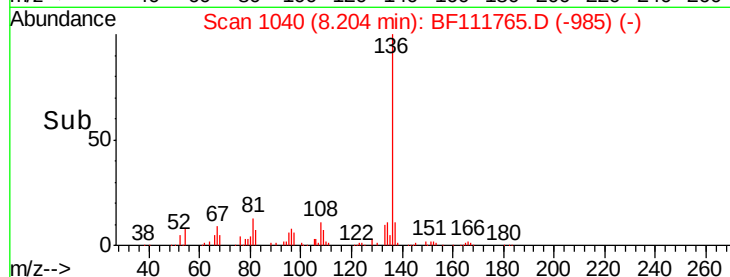
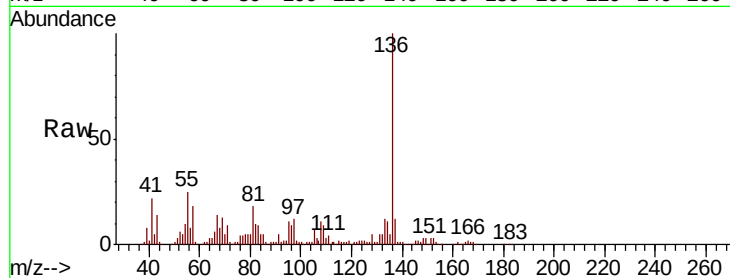
ClientSampleId :

P001-SS013C-3036-01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 372000 |       |       |
| 137     | 11.8 |       | 9.1    | 13.7  |       |
| 54      | 10.4 |       | 7.7    | 11.5  |       |
| 68      | 7.8  |       | 4.9    | 7.3#  |       |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM



#23

Nitrobenzene-d5

Concen: 102.317 ng

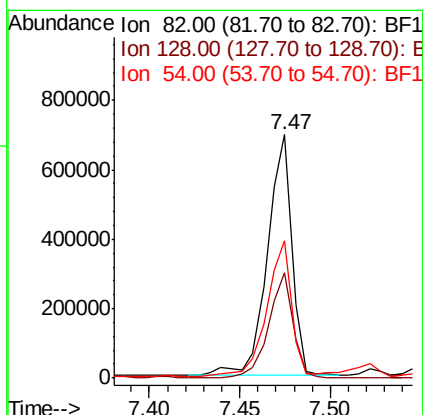
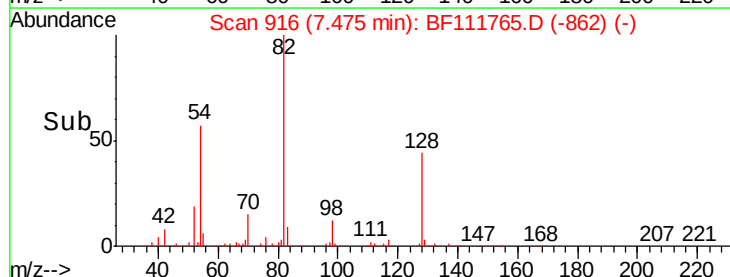
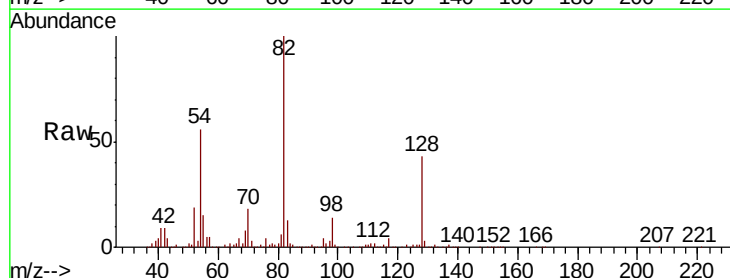
RT: 7.47 min Scan# 916

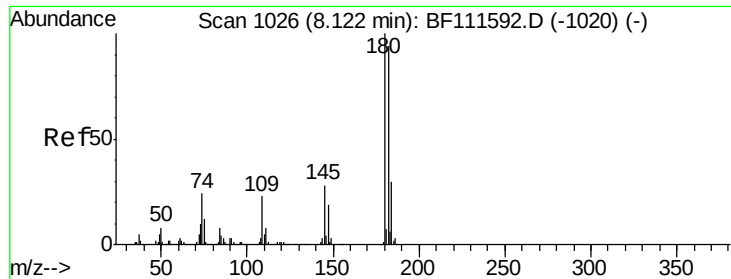
Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 82      | 100  |       | 653901 |       |       |
| 128     | 43.3 |       | 37.4   | 56.2  |       |
| 54      | 56.5 |       | 47.6   | 71.4  |       |





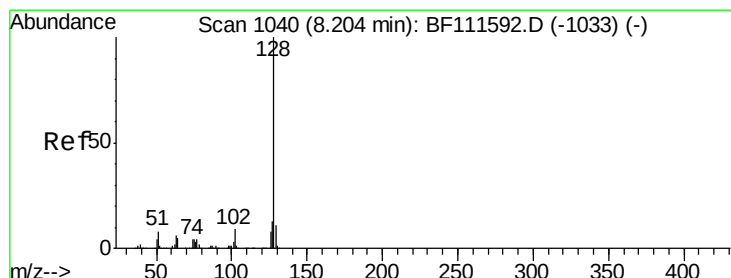
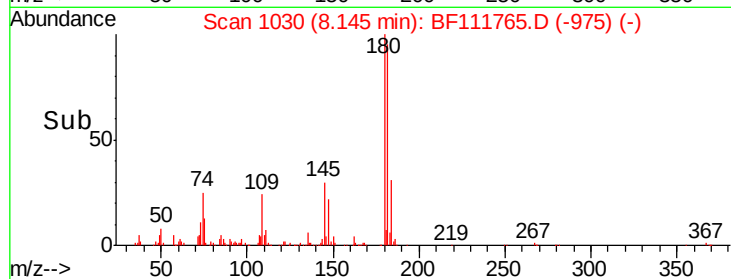
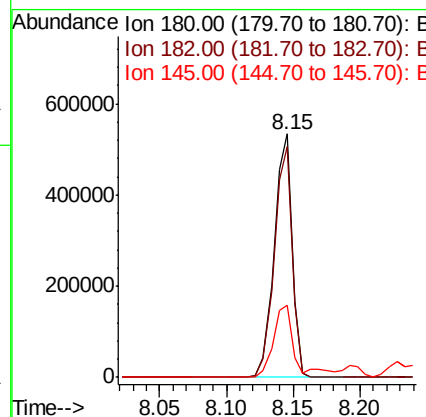
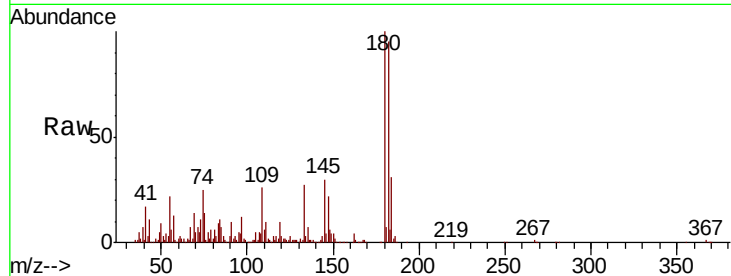
#30  
 1,2,4-Trichlorobenzene  
 Concen: 77.927 ng  
 RT: 8.15 min Scan# 1030  
 Delta R.T. 0.02 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013C-3036-01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 500182 |       |       |
| 182     | 94.8  | 75.6   | 113.4 |       |
| 145     | 29.6  | 26.7   | 40.1  |       |

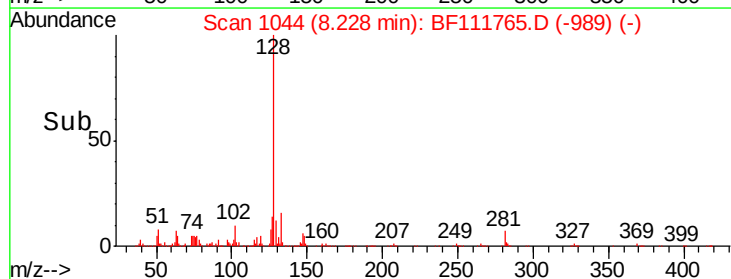
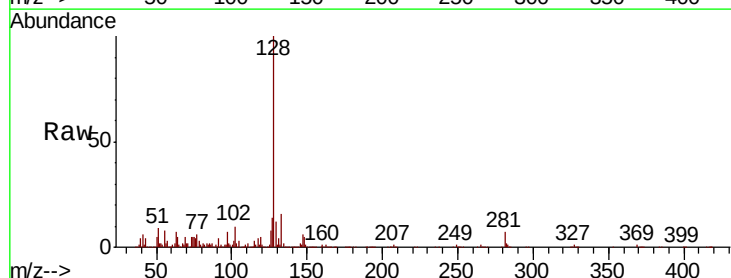
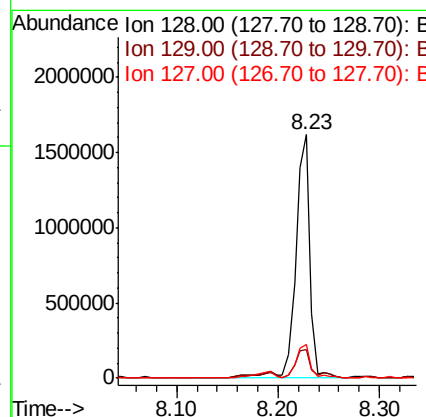
Manual Integrations  
 APPROVED

Sohil  
 12/28/2018 10:37:26 AM

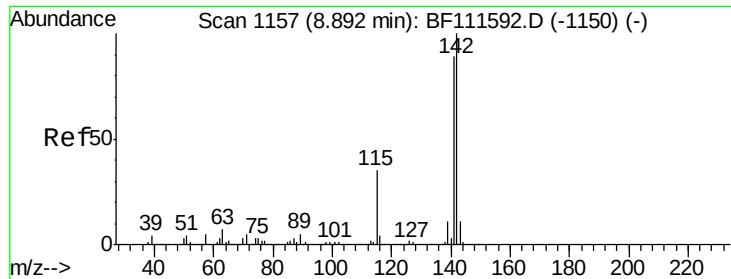


#31  
 Naphthalene  
 Concen: 89.943 ng  
 RT: 8.23 min Scan# 1044  
 Delta R.T. 0.02 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 128     | 100   | 1607643 |       |       |
| 129     | 11.7  | 9.8     | 14.8  |       |
| 127     | 13.9  | 12.0    | 18.0  |       |







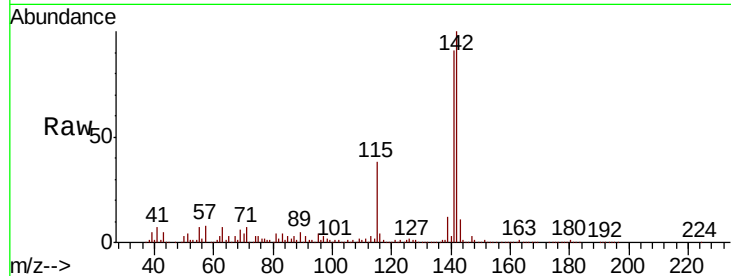
#37  
2-Methylnaphthalene  
Concen: 124.141 ng  
RT: 8.92 min Scan# 1162  
Delta R.T. 0.03 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 70.6  | 105.8 |
| 115     | 38.4  | 27.0  | 40.6  |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM

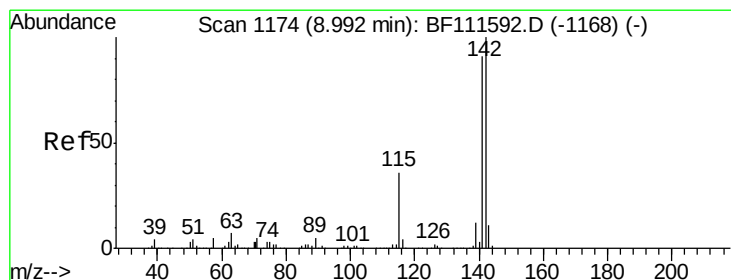
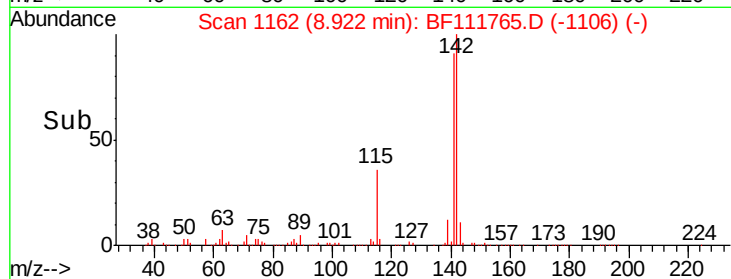
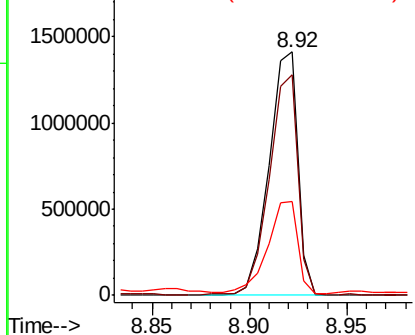


Abundance

Ion 142.00 (141.70 to 142.70): E

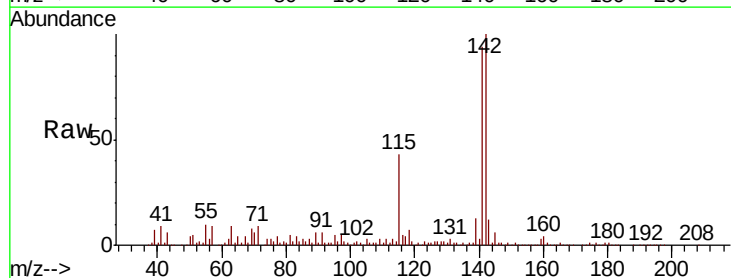
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 73.591 ng m  
RT: 9.02 min Scan# 1178  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.8  | 74.2  | 111.4 |
| 116     | 5.3   | 2.9   | 4.3#  |

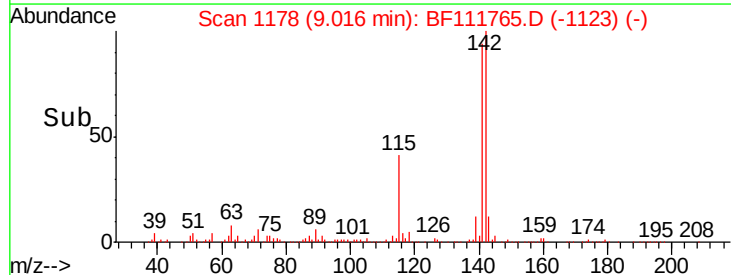
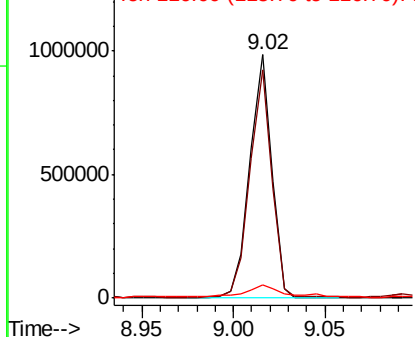


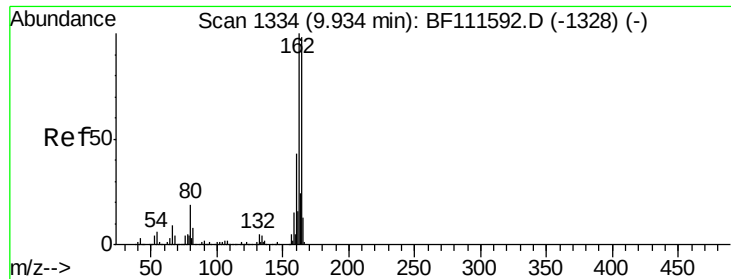
Abundance

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





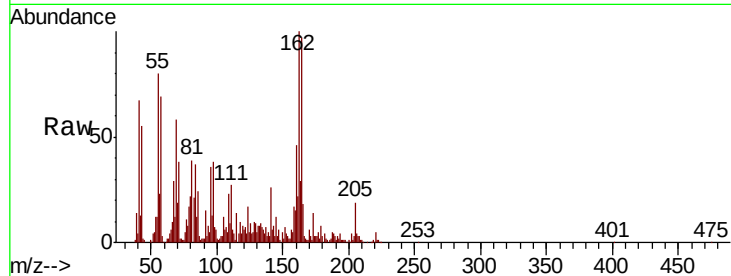
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.2 | 81.4 | 122.0 |       |
| 160     | 47.4  | 35.7 | 53.5  |       |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM

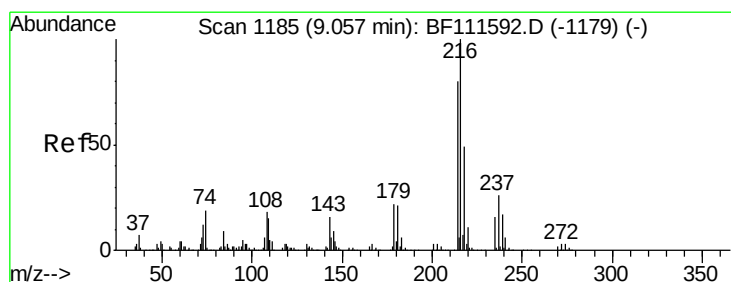
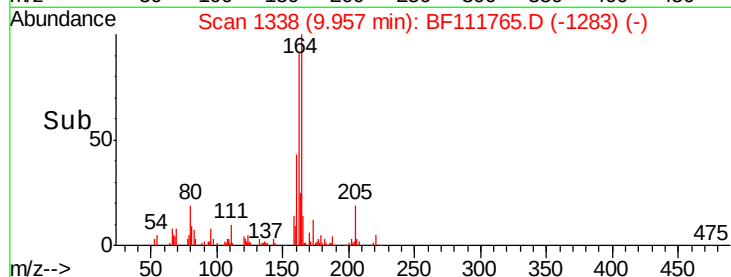
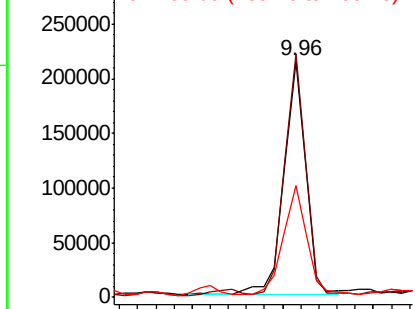


Abundance

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: 6.643 ng  
RT: 9.08 min Scan# 1189  
Delta R.T. 0.02 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 81.2  | 63.8 | 95.8  |       |
| 179     | 39.5  | 17.9 | 26.9  |       |
| 108     | 24.8  | 18.4 | 27.6  |       |

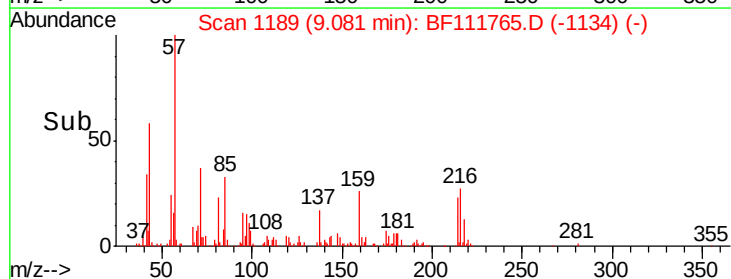
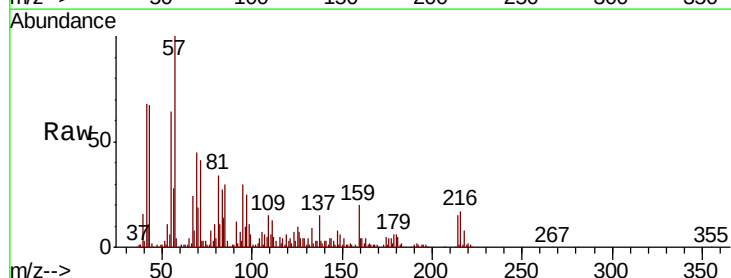
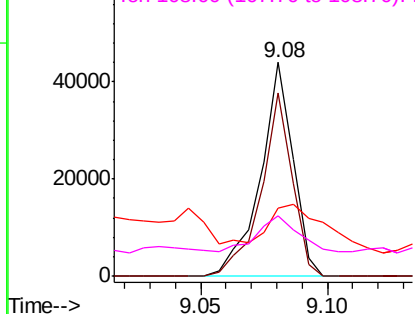
Abundance

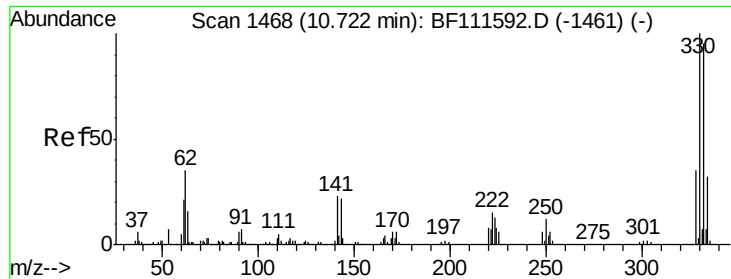
Ion 216.00 (215.70 to 216.70): E

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





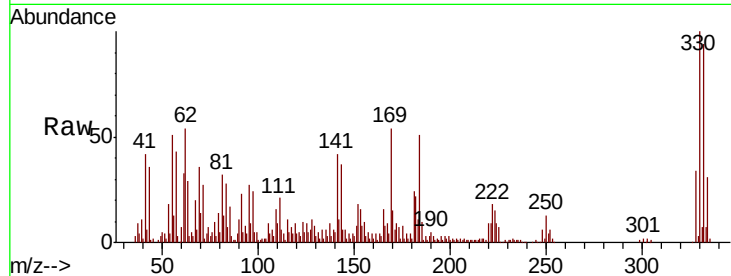
#42  
 2,4,6-Tribromophenol  
 Concen: 111.192 ng  
 RT: 10.75 min Scan# 1473  
 Delta R.T. 0.03 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013C-3036-01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.4  | 76.0 | 114.0 |       |
| 141     | 34.0  | 31.0 | 46.6  |       |

Manual Integrations  
 APPROVED

Sohil  
 12/28/2018 10:37:26 AM

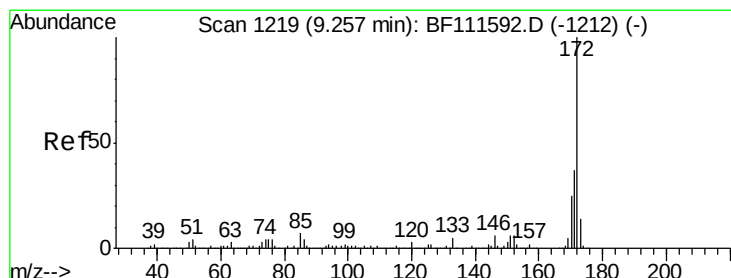
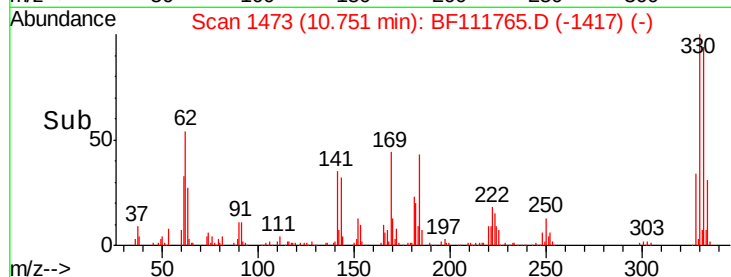
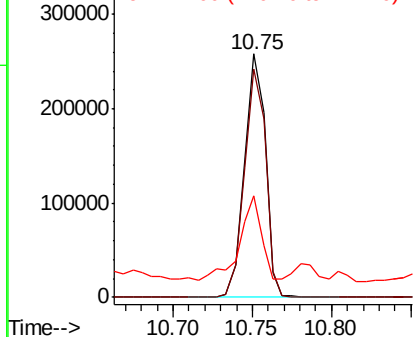


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 83.726 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. 0.02 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

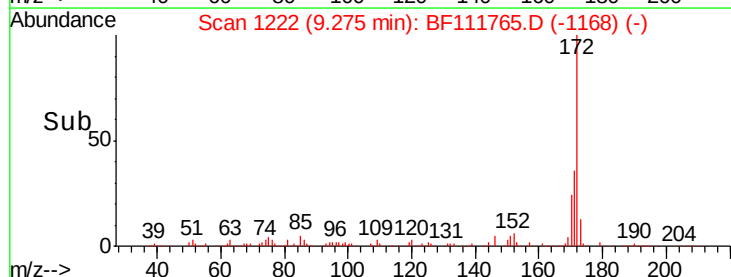
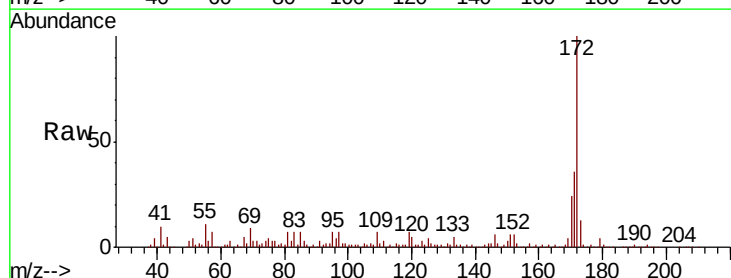
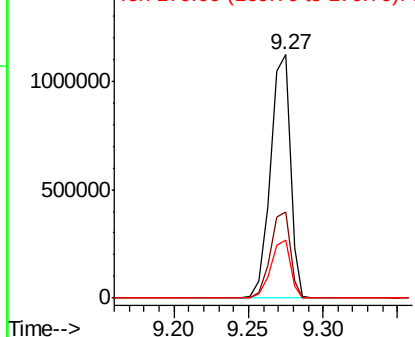
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.6  | 33.0 | 49.4  |       |
| 170     | 23.7  | 22.3 | 33.5  |       |

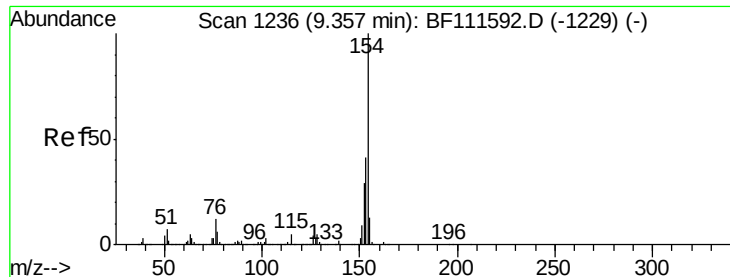
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





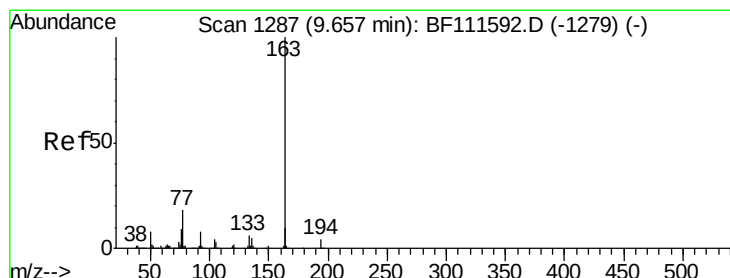
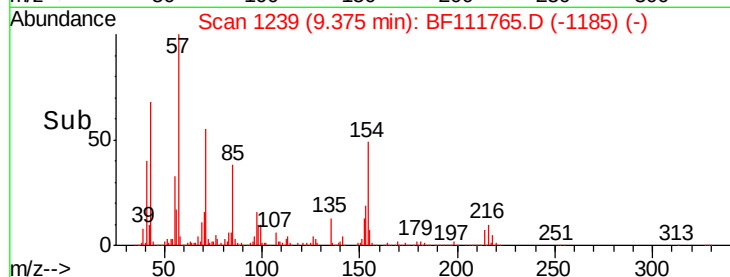
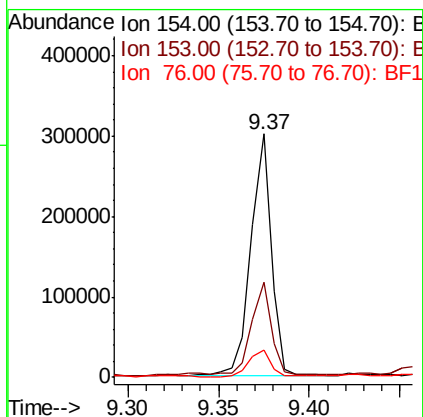
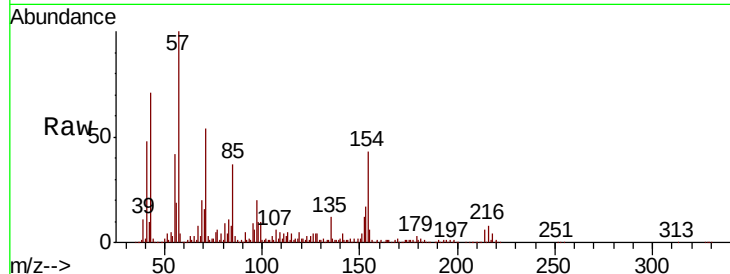
#46  
 1,1'-Biphenyl  
 Concen: 15.540 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. 0.02 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.9  | 23.7  | 63.7  |
| 76      | 11.0  | 0.0   | 35.0  |

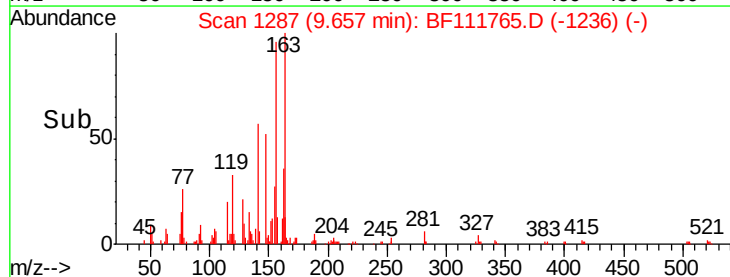
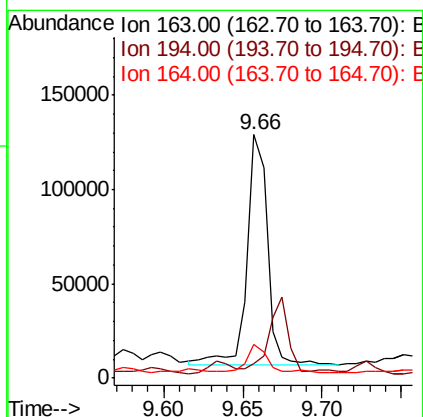
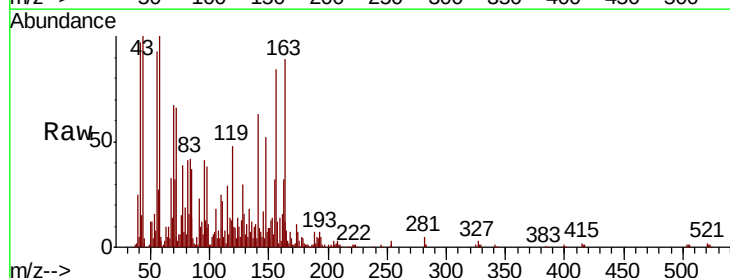
Manual Integrations  
 APPROVED

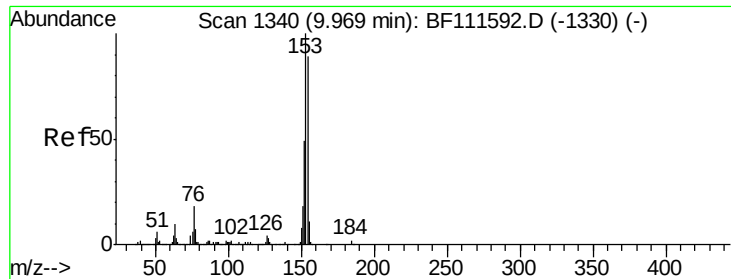
Sohil  
 12/28/2018 10:37:26 AM



#50  
 Dimethylphthalate  
 Concen: 8.270 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. -0.00 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 6.1   | 3.0   | 4.6#  |
| 164     | 13.8  | 8.9   | 13.3# |





#52

Acenaphthene

Concen: 4.271 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA\_F

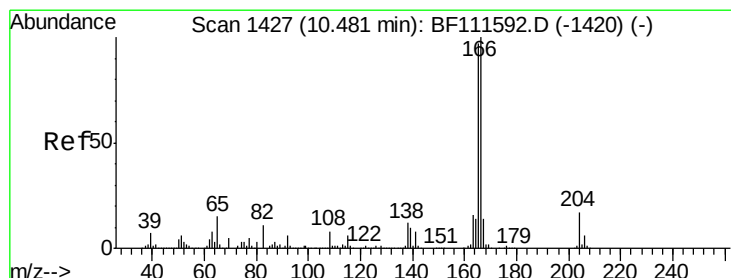
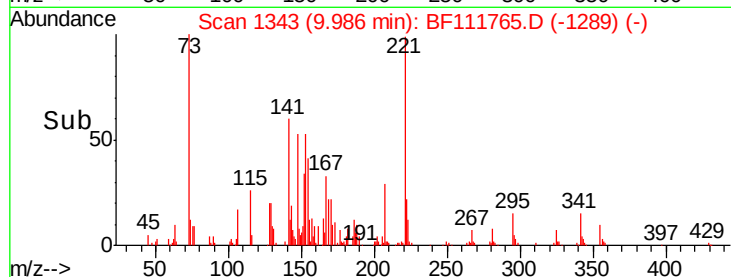
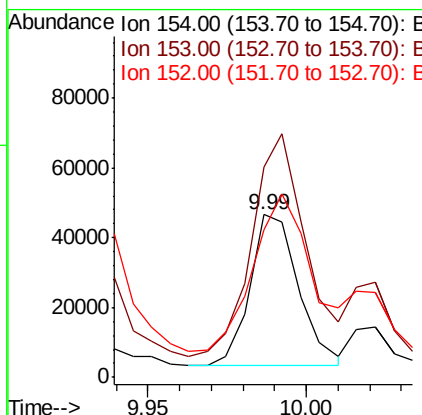
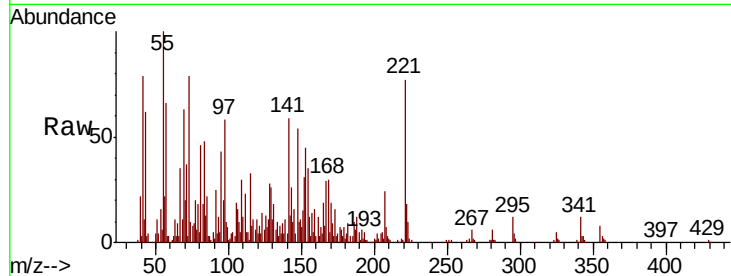
ClientSampleId :

P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 129.0 | 87.8  | 131.8 |
| 152     | 90.3  | 43.4  | 65.2  |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM



#58

Fluorene

Concen: 10.965 ng

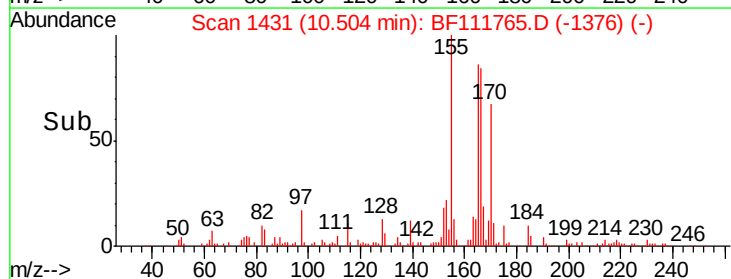
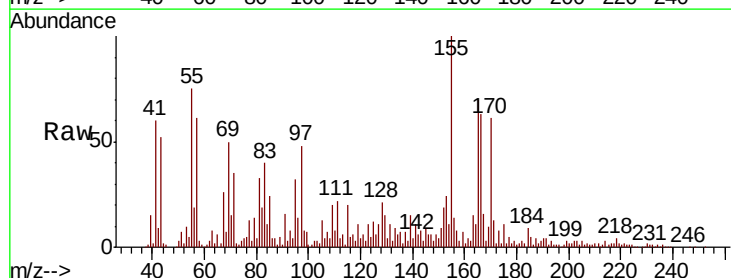
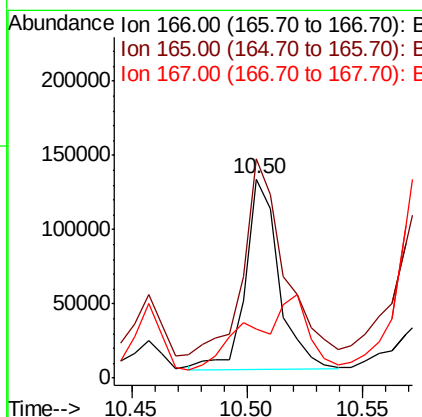
RT: 10.50 min Scan# 1431

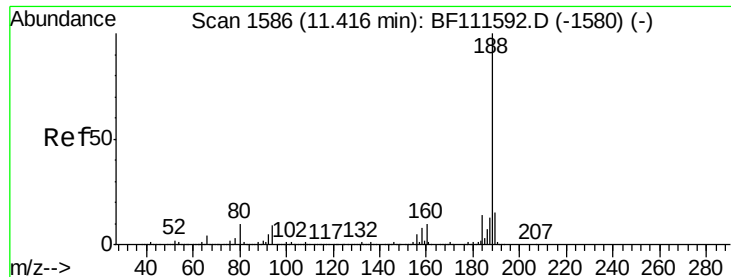
Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 109.9 | 78.4  | 117.6 |
| 167     | 24.8  | 11.2  | 16.8  |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA\_F

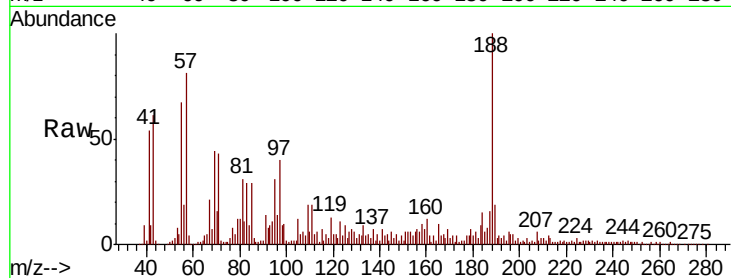
ClientSampleId :

P001-SS013C-3036-01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 296559 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.0  | 9.6   | 14.4   |
| 80        | 12.2  | 9.8   | 14.6   |

Manual Integrations  
APPROVED

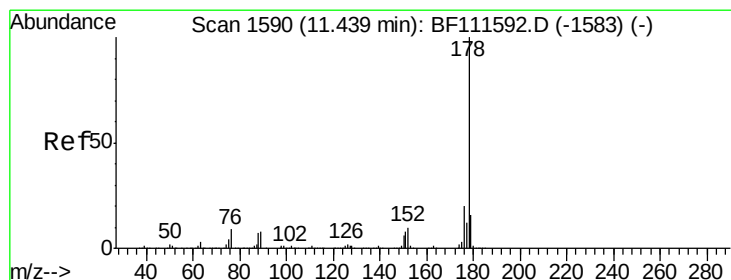
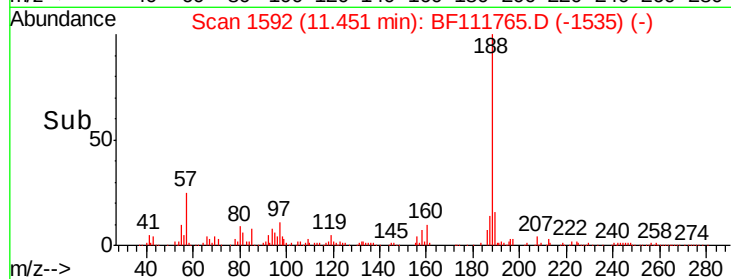
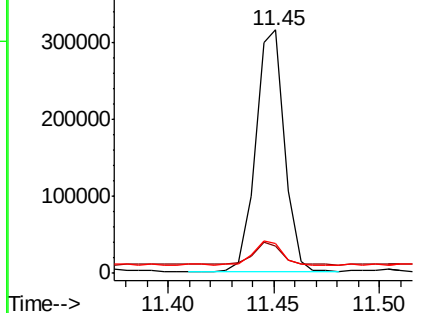
Sohil  
12/28/2018 10:37:26 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 33.786 ng

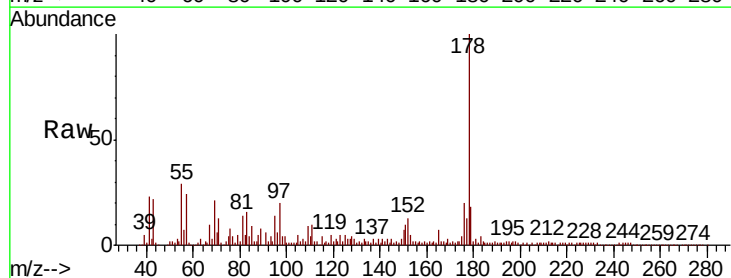
RT: 11.47 min Scan# 1596

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

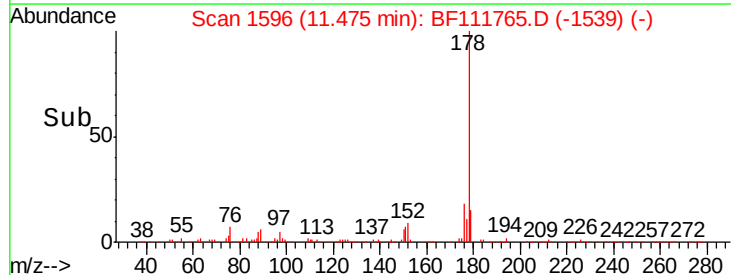
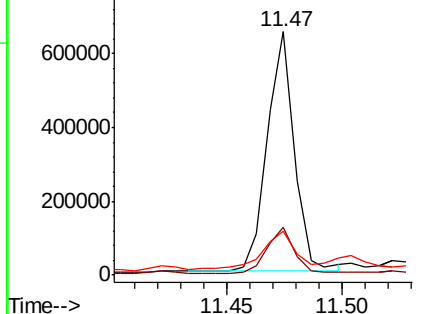
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 531379 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.6  | 18.1  | 27.1   |
| 179       | 18.2  | 14.0  | 21.0   |

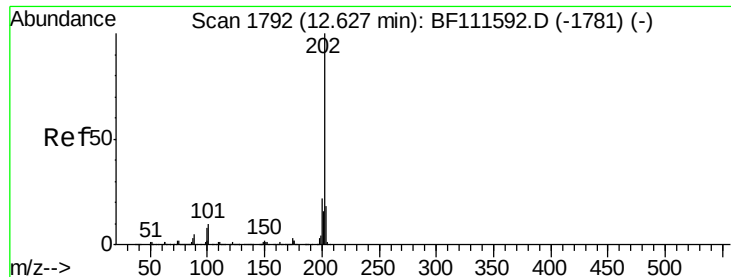


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

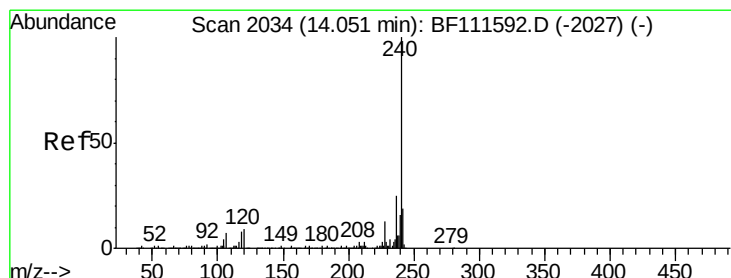
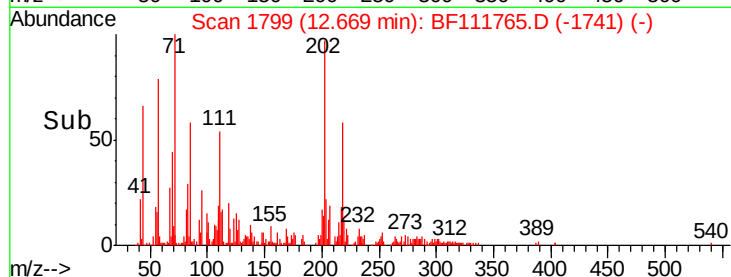
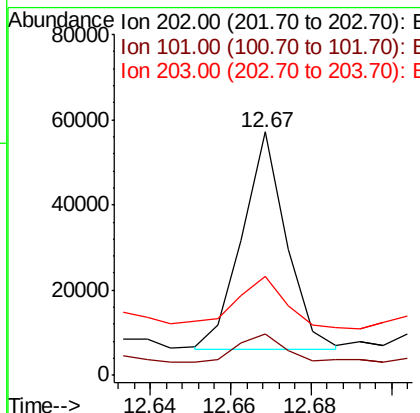
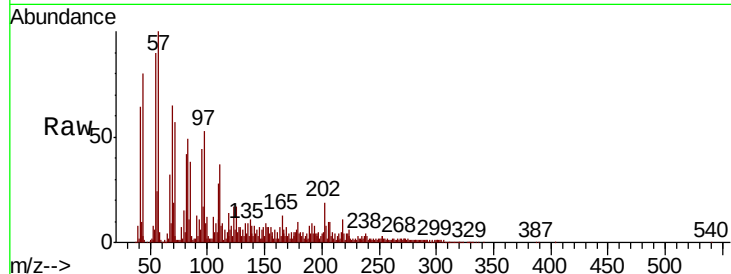
Concen: 2.458 ng/mL  
 RT: 12.67 min Scan# 1799  
 Delta R.T. 0.04 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-SS013C-3036-01

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 17.0  | 0.0        | 33.8       |
| 203     | 40.6  | 0.0        | 38.6       |

Manual Integrations  
 APPROVED

Sohil  
 12/28/2018 10:37:26 AM

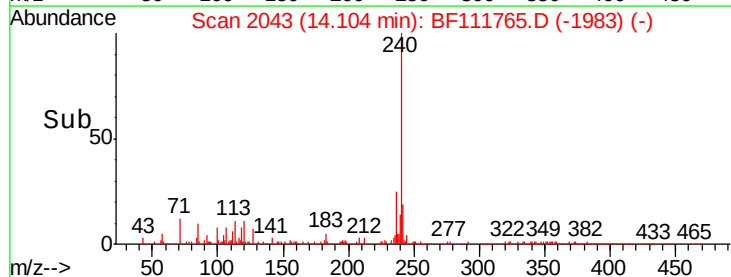
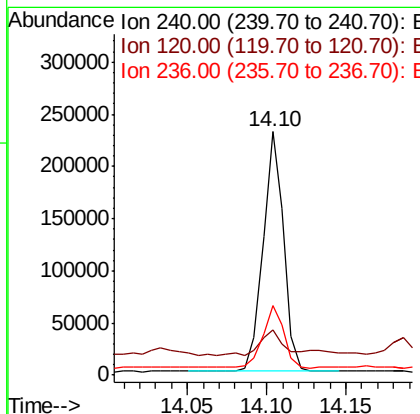
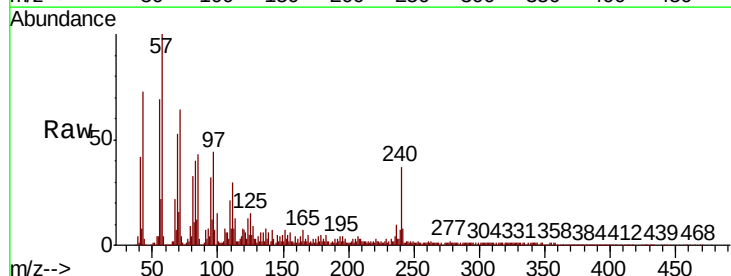


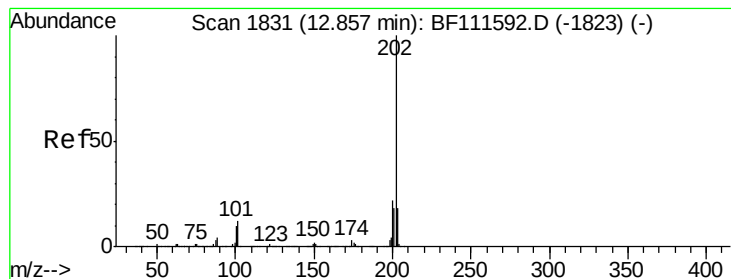
#76

Chrysene-d12

Concen: 20.000 ng/mL  
 RT: 14.10 min Scan# 2043  
 Delta R.T. 0.05 min  
 Lab File: BF111765.D  
 Acq: 27 Dec 2018 16:30

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 18.7  | 12.2       | 18.2       |
| 236     | 28.3  | 20.2       | 30.2       |





#78

Pvrene

Concen: 6.124 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA\_F

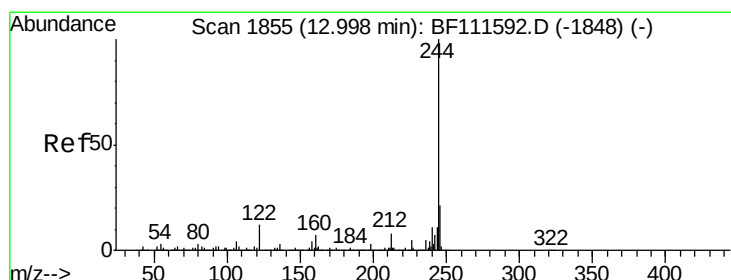
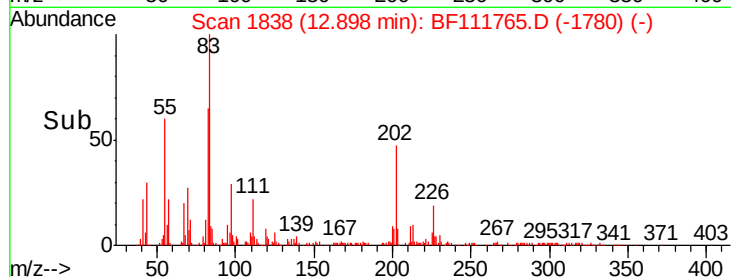
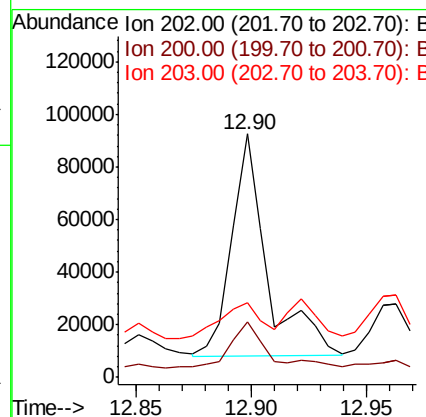
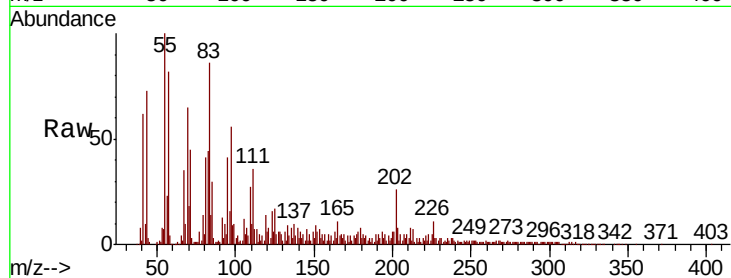
ClientSampleId :

P001-SS013C-3036-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 90341 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 22.7  | 19.0  | 28.4  |
| 203       | 30.8  | 15.2  | 22.8# |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM



#79

Terphenyl-d14

Concen: 85.501 ng

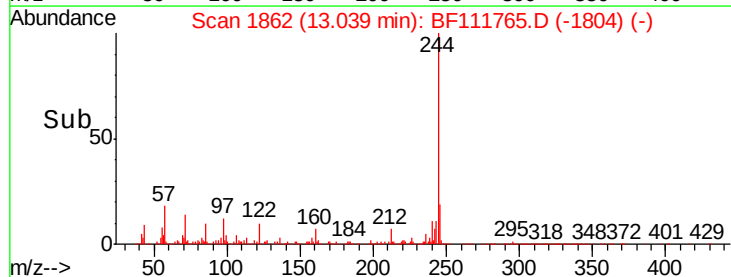
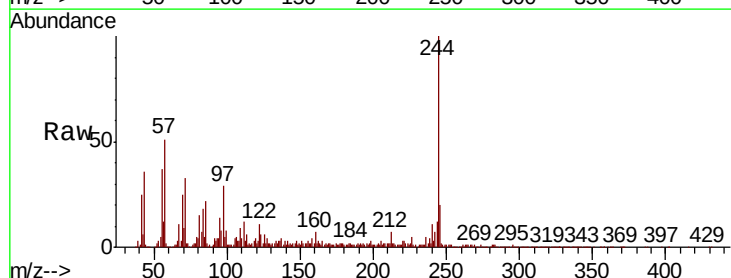
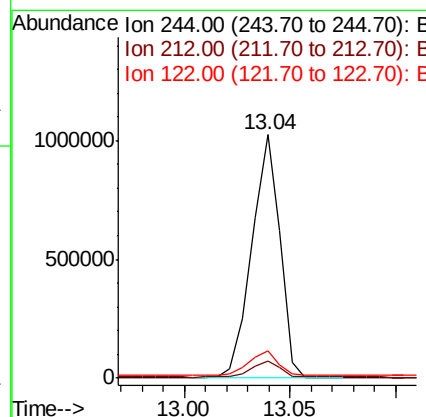
RT: 13.04 min Scan# 1862

Delta R.T. 0.04 min

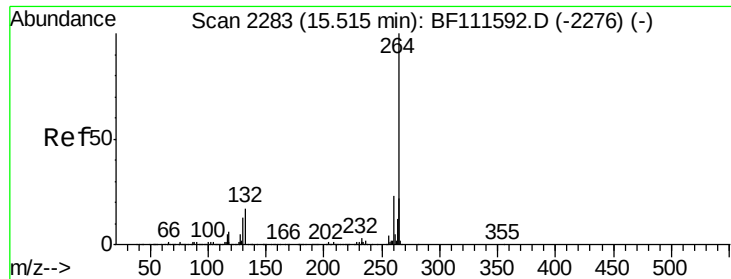
Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 941817 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 5.7   | 8.5    |
| 122       | 11.2  | 13.1  | 19.7#  |







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.62 min Scan# 2301  
Delta R.T. 0.11 min  
Lab File: BF111765.D  
Acq: 27 Dec 2018 16:30

Instrument :  
BNA\_F  
ClientSampleId :  
P001-SS013C-3036-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 26.3  | 18.3  | 27.5  |
| 265     | 24.6  | 17.7  | 26.5  |

Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:37:26 AM

