

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\  
 Data File : BF090294.D  
 Acq On : 29 Sep 2016 16:42  
 Operator : UM/SJ  
 Sample : H4982-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

Manual Integrations  
 APPROVED

sohil  
 9/30/2016 4:00:47 PM

Quant Time: Sep 30 11:34:49 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 26 15:58:38 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.46  | 152  | 132274   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.75  | 136  | 492576   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.50  | 164  | 253461   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 10.97 | 188  | 303803   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.59 | 240  | 254119   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 14.91 | 264  | 196207   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.03  | 112  | 1154755  | 142.30 | ng    | 0.00     |
| 7) Phenol-d6                | 6.14  | 99   | 1635958  | 163.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.04  | 82   | 896560   | 105.51 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.28 | 330  | 252088   | 115.93 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 8.83  | 172  | 1208468  | 93.60  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.56 | 244  | 847454   | 84.67  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 48) Acenaphthylene          | 9.36  | 152  | 65616    | 3.02   | ng    | 99       |
| 49) Dimethylphthalate       | 9.23  | 163  | 423513   | 26.23  | ng    | 99       |
| 51) Acenaphthene            | 9.53  | 154  | 29717    | 2.30   | ng    | 98       |
| 57) Fluorene                | 10.03 | 166  | 46154    | 3.61   | ng    | 97       |
| 70) Phenanthrene            | 10.99 | 178  | 372836   | 26.24  | ng    | 98       |
| 71) Anthracene              | 11.04 | 178  | 142746   | 9.58   | ng    | 98       |
| 72) Carbazole               | 11.20 | 167  | 55717    | 3.54   | ng    | 98       |
| 74) Fluoranthene            | 12.17 | 202  | 588688   | 38.60  | ng    | 95       |
| 77) Pyrene                  | 12.39 | 202  | 510192   | 29.34  | ng    | # 96     |
| 80) Benzo(a)anthracene      | 13.58 | 228  | 283125   | 20.71  | ng    | 94       |
| 82) Chrysene                | 13.61 | 228  | 283950m  | 21.32  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.07 | 276  | 123908   | 11.51  | ng    | 91       |
| 87) Benzo(b)fluoranthene    | 14.57 | 252  | 310392m  | 28.57  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.58 | 252  | 114802m  | 11.26  | ng    |          |
| 89) Benzo(a)pyrene          | 14.86 | 252  | 209361   | 20.49  | ng    | # 89     |
| 90) Dibenzo(a,h)anthracene  | 16.07 | 278  | 33705    | 4.23   | ng    | # 81     |
| 91) Benzo(g,h,i)perylene    | 16.40 | 276  | 116626   | 14.94  | ng    | 99       |

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

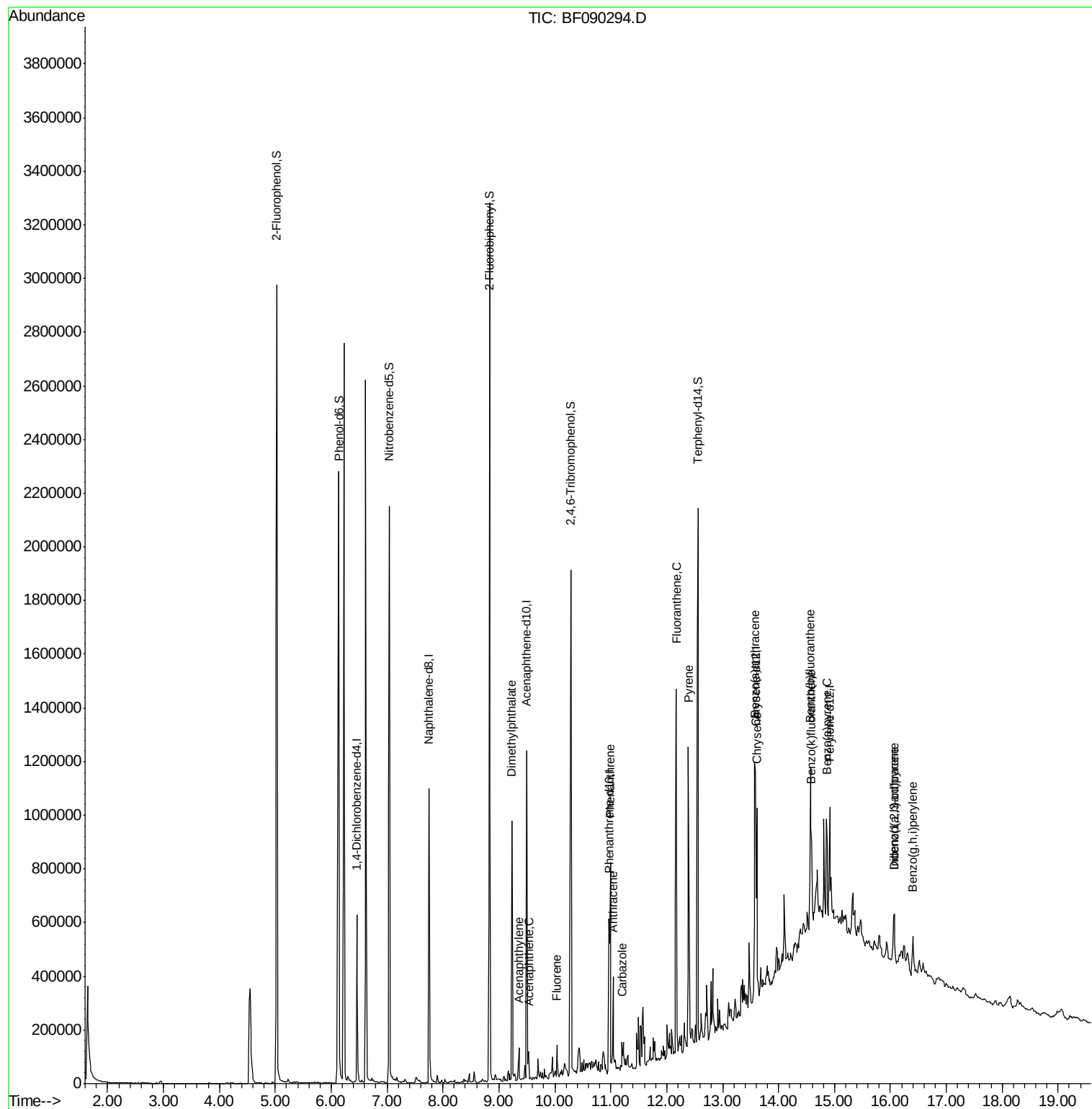
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\  
Data File : BF090294.D  
Acq On : 29 Sep 2016 16:42  
Operator : UM/SJ  
Sample : H4982-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

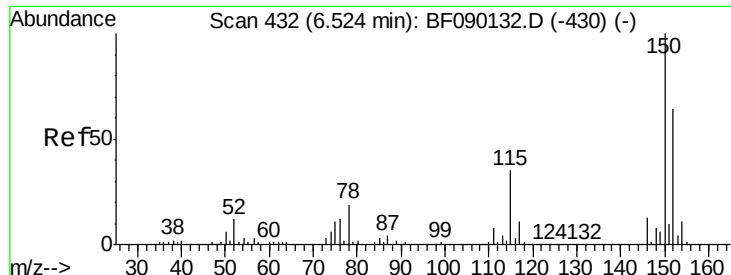
Instrument :  
BNA\_F  
ClientSampled :  
S-20

Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM

Quant Time: Sep 30 11:34:49 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 26 15:58:38 2016  
Response via : Initial Calibration





#1

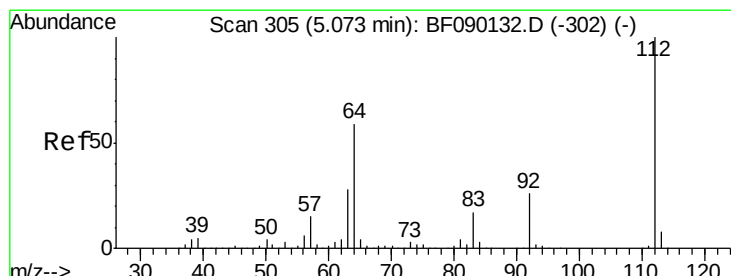
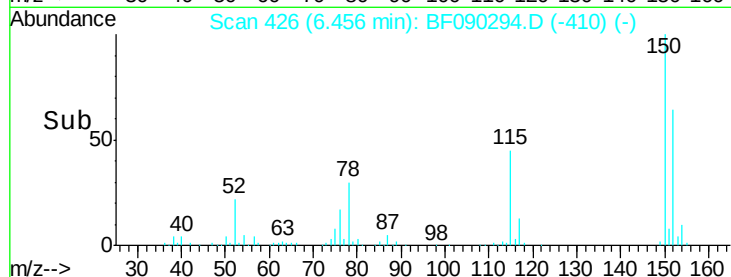
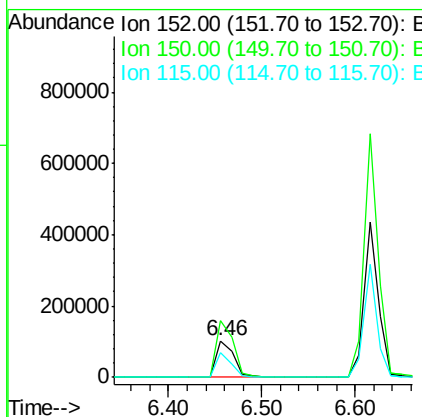
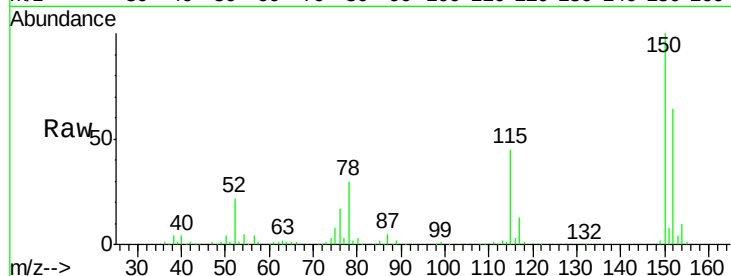
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.46 min Scan# 426  
 Delta R.T. -0.02 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.5 | 128.9 | 193.3 |
| 115     | 69.9  | 55.5  | 83.3  |

Manual Integrations  
 APPROVED

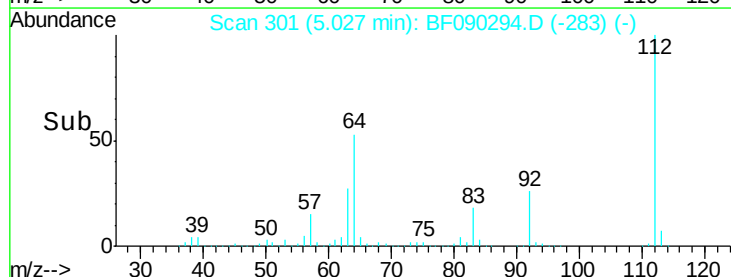
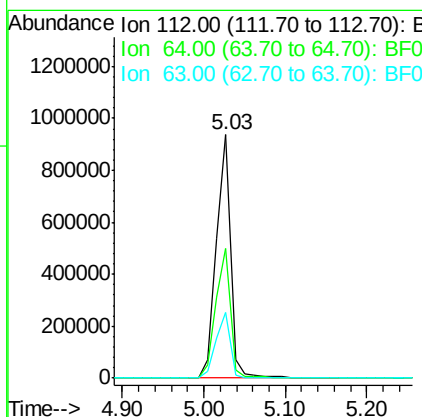
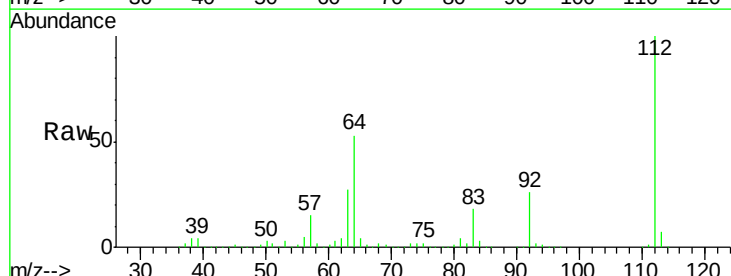
sohil  
 9/30/2016 4:00:47 PM

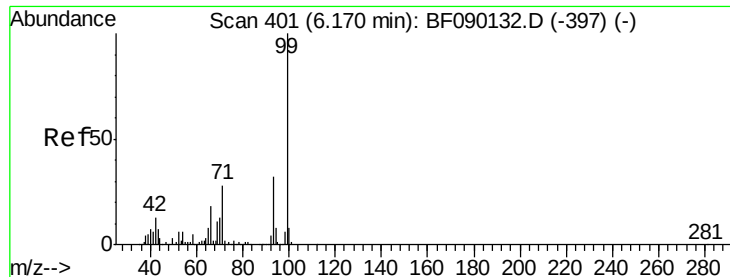


#5

2-Fluorophenol  
 Concen: 142.30 ng  
 RT: 5.03 min Scan# 301  
 Delta R.T. 0.00 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.4  | 39.8  | 59.6  |
| 63      | 26.8  | 18.9  | 28.3  |





#7

Phenol-d6

Concen: 163.24 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Instrument :

BNA\_F

ClientSampleId :

S-20

Tot Ion: 99 Resp: 1635958

Ion Ratio Lower Upper

99 100

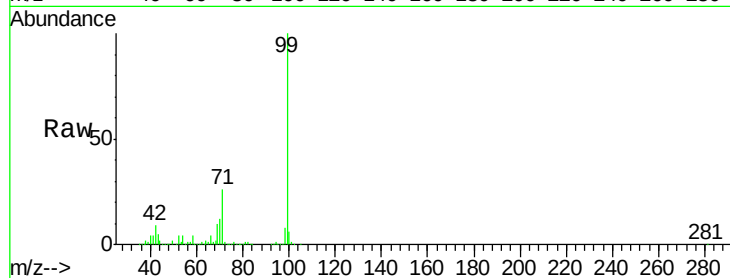
42 9.3 10.6 15.8#

71 25.8 23.0 34.6

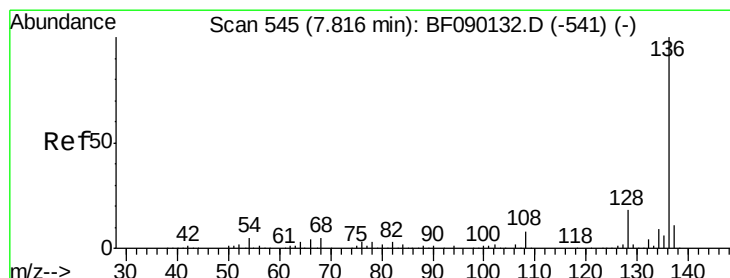
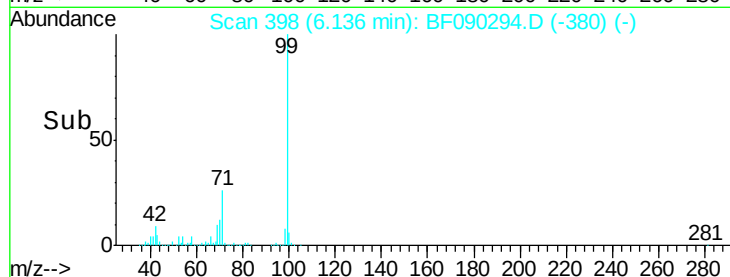
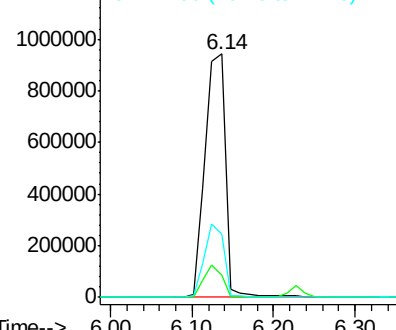
Manual Integrations  
APPROVED

sohil

9/30/2016 4:00:47 PM



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Tgt Ion: 136 Resp: 492576

Ion Ratio Lower Upper

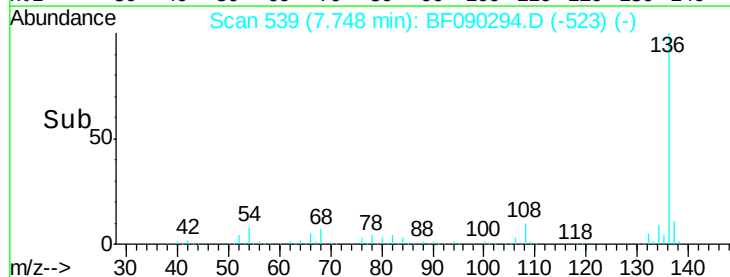
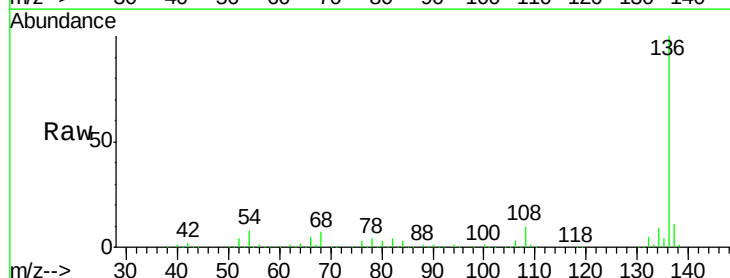
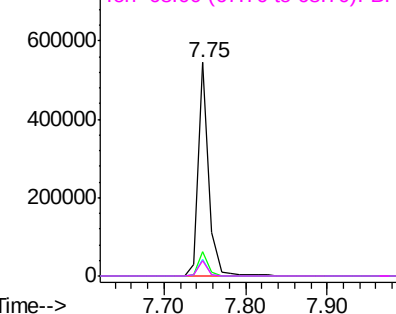
136 100

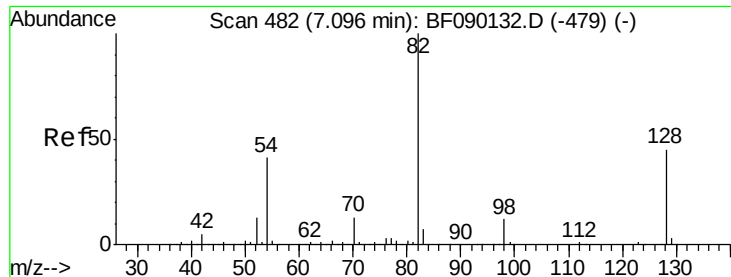
137 11.1 9.0 13.4

54 8.0 6.4 9.6

68 7.2 6.3 9.5

Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0





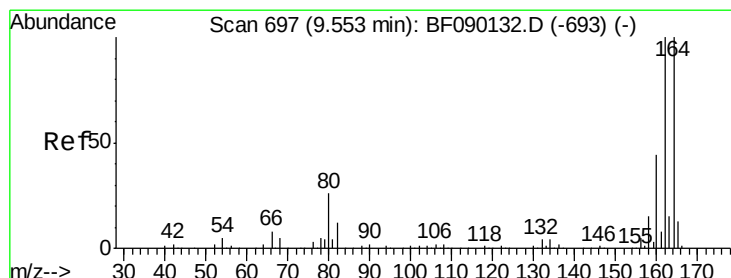
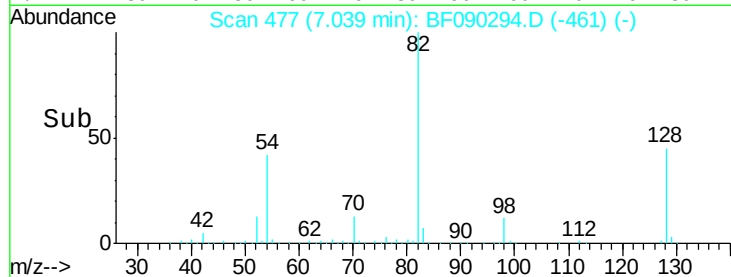
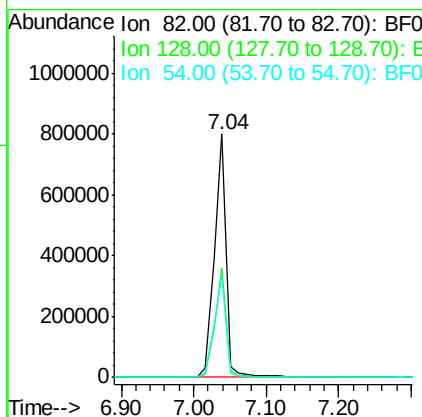
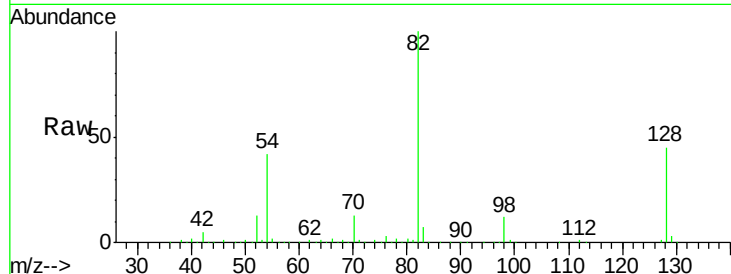
#23  
 Nitrobenzene-d5  
 Concen: 105.51 ng  
 RT: 7.04 min Scan# 477  
 Delta R.T. -0.02 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 896560 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.0  | 37.5  | 56.3   |
| 54        | 41.8  | 31.9  | 47.9   |

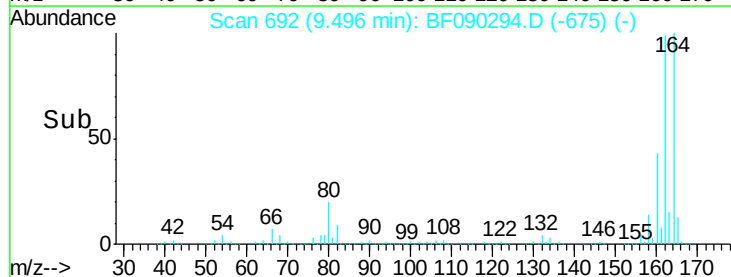
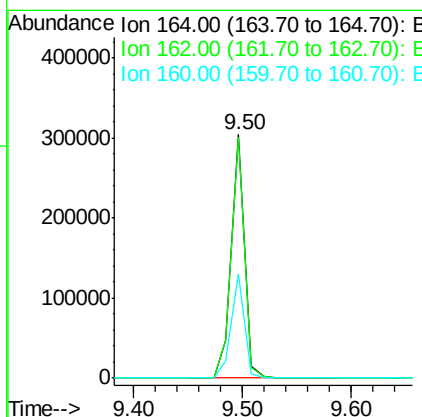
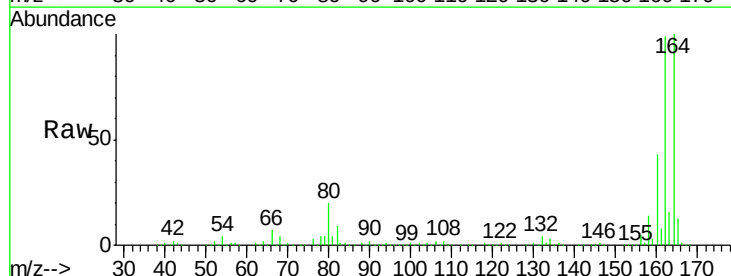
Manual Integrations  
 APPROVED

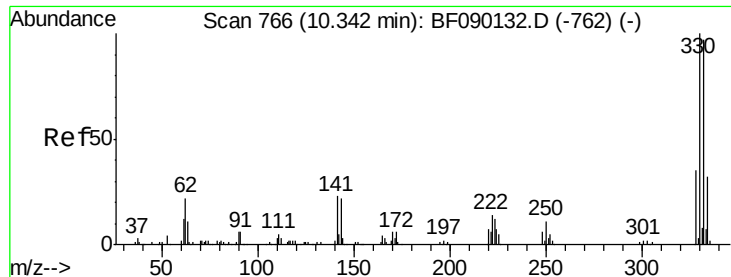
sohil  
 9/30/2016 4:00:47 PM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.50 min Scan# 692  
 Delta R.T. -0.01 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 253461 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.0  | 81.4  | 122.2  |
| 160       | 42.9  | 36.6  | 54.8   |





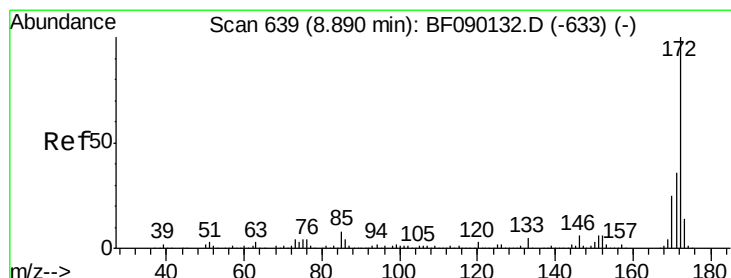
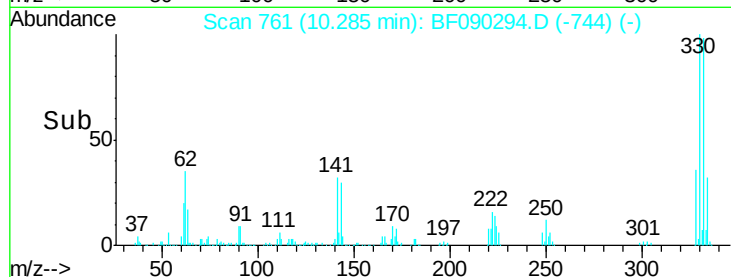
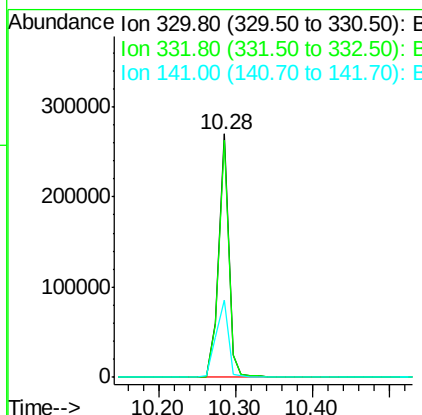
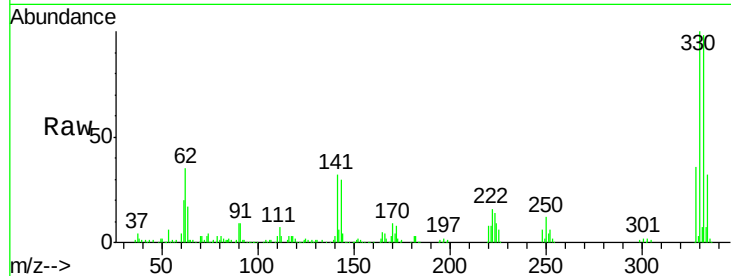
#41  
 2,4,6-Tribromophenol  
 Concen: 115.93 ng  
 RT: 10.28 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 252088 |       |       |
| 332     | 98.0  |        | 78.1  | 117.1 |
| 141     | 37.1  |        | 23.9  | 35.9# |

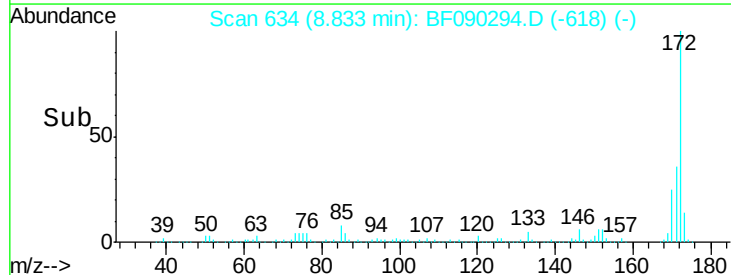
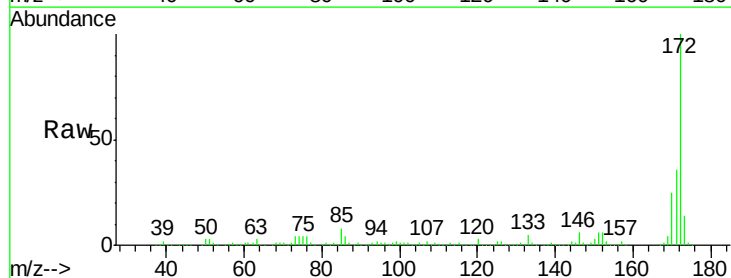
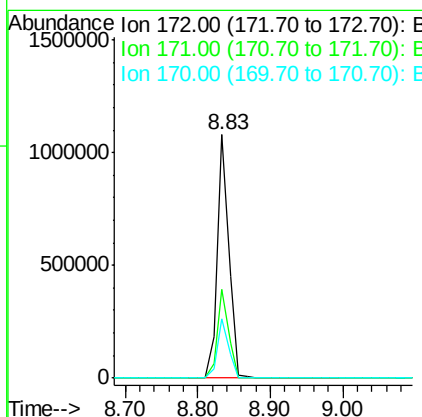
Manual Integrations  
 APPROVED

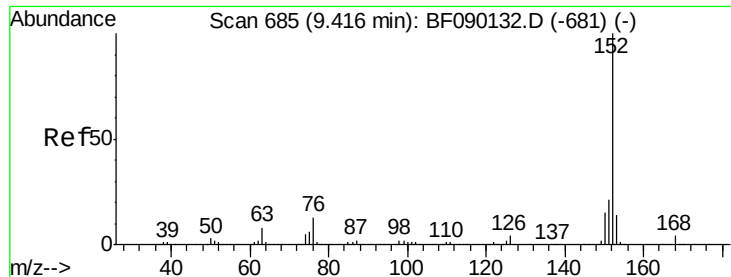
sohil  
 9/30/2016 4:00:47 PM



#44  
 2-Fluorobiphenyl  
 Concen: 93.60 ng  
 RT: 8.83 min Scan# 634  
 Delta R.T. -0.02 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1208468 |       |       |
| 171     | 36.3  |         | 29.2  | 43.8  |
| 170     | 24.6  |         | 19.8  | 29.8  |





#48

Acenaphthylene

Concen: 3.02 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Instrument :

BNA\_F

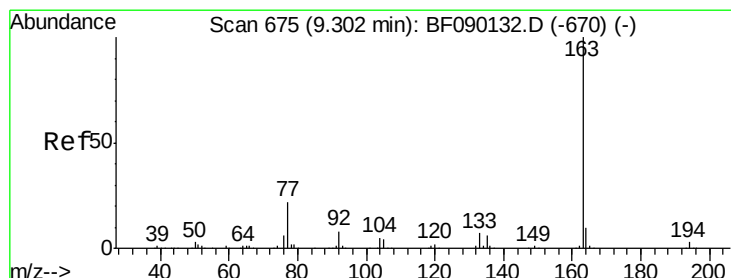
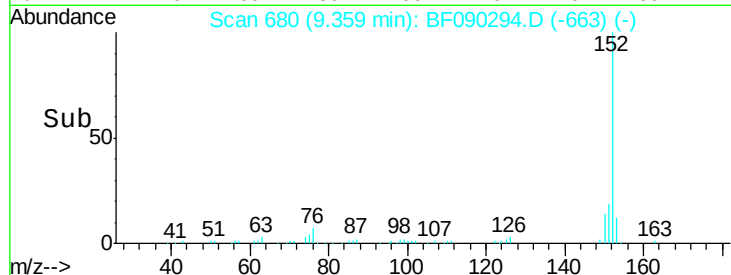
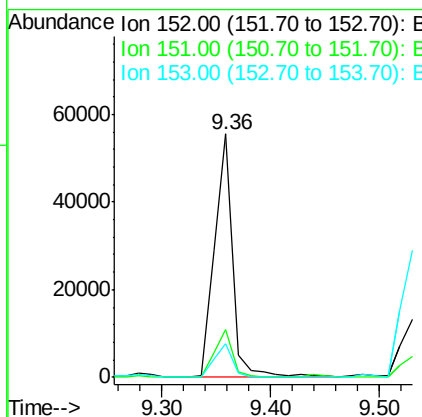
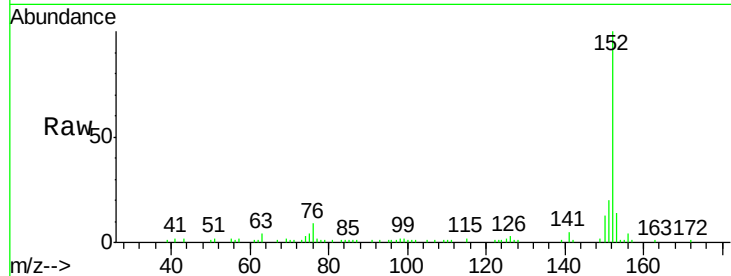
ClientSampled :

S-20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 65616 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.8  | 16.5  | 24.7  |
| 153       | 13.7  | 10.6  | 15.8  |

Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM



#49

Dimethylphthalate

Concen: 26.23 ng

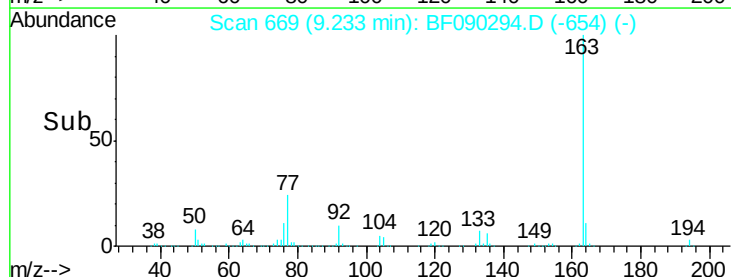
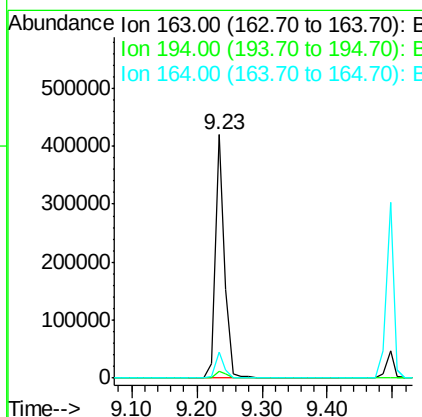
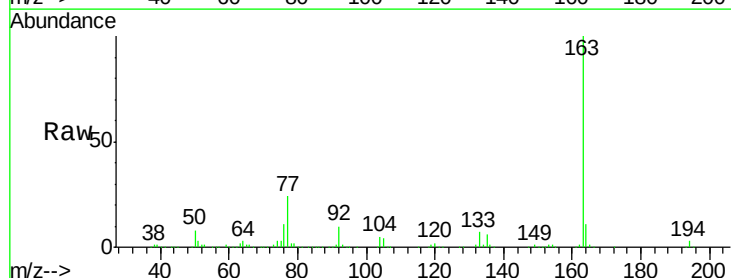
RT: 9.23 min Scan# 669

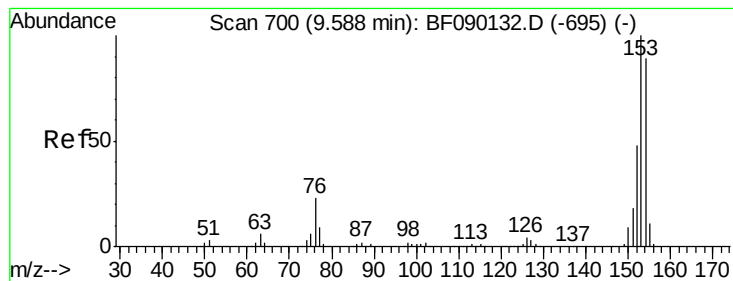
Delta R.T. -0.03 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 423513 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 2.9   | 2.8   | 4.2    |
| 164       | 10.5  | 8.1   | 12.1   |





#51

Acenaphthene

Concen: 2.30 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Instrument :

BNA\_F

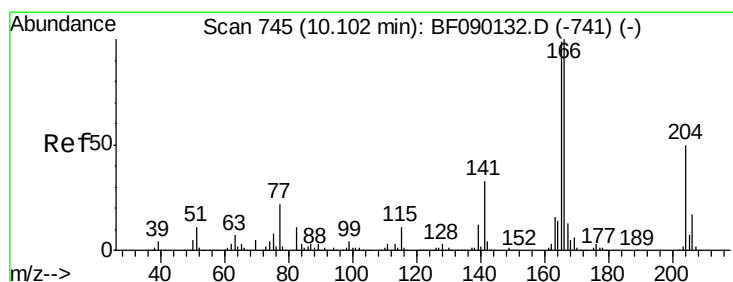
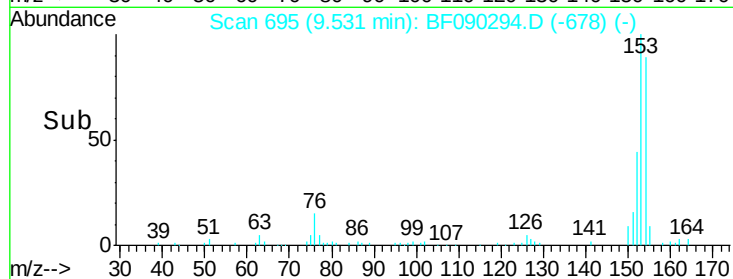
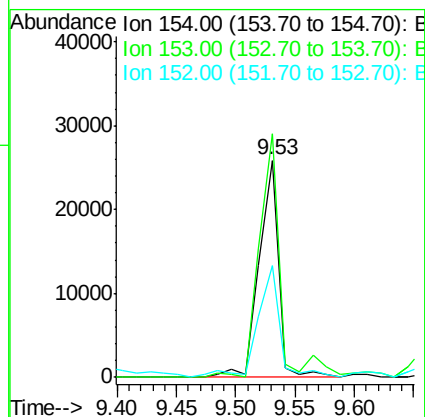
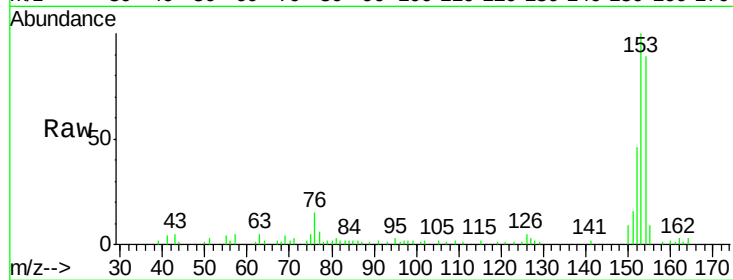
ClientSampled :

S-20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 29717 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 112.2 | 90.8  | 136.2 |
| 152       | 51.7  | 44.2  | 66.4  |

Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM



#57

Fluorene

Concen: 3.61 ng

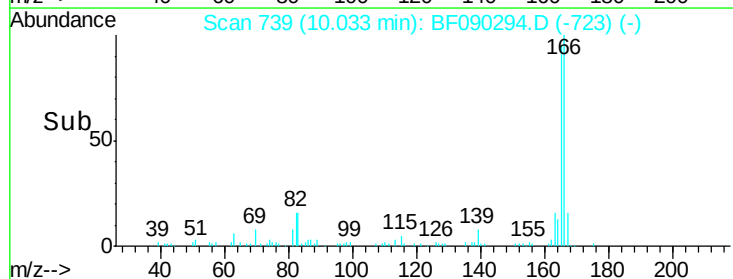
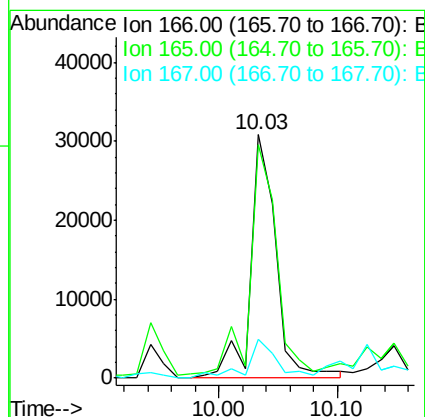
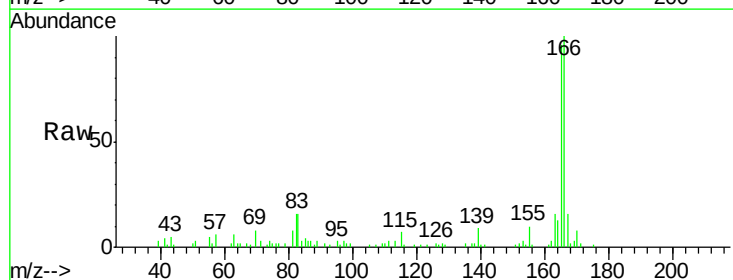
RT: 10.03 min Scan# 739

Delta R.T. -0.02 min

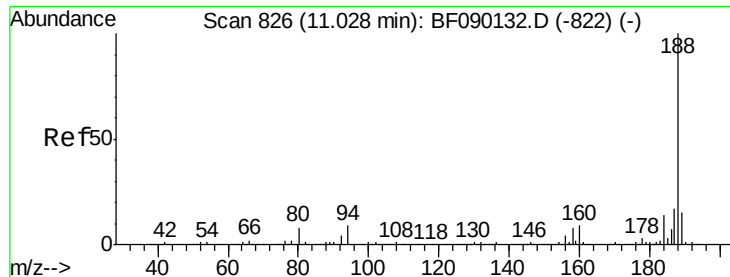
Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 46154 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 95.8  | 78.5  | 117.7 |
| 167       | 15.7  | 11.2  | 16.8  |







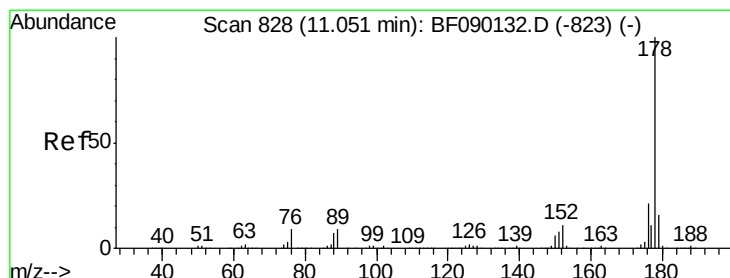
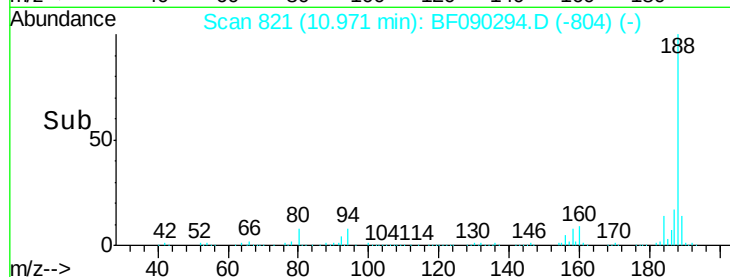
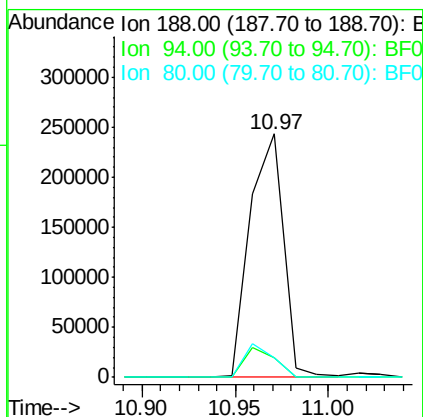
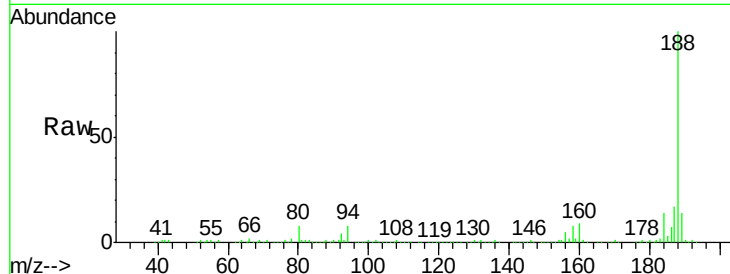
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.97 min Scan# 821  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

Instrument :  
BNA\_F  
ClientSampled :  
S-20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 303803 |       |       |
| 94      | 7.8   | 10.5   | 15.7# |       |
| 80      | 7.9   | 11.2   | 16.8# |       |

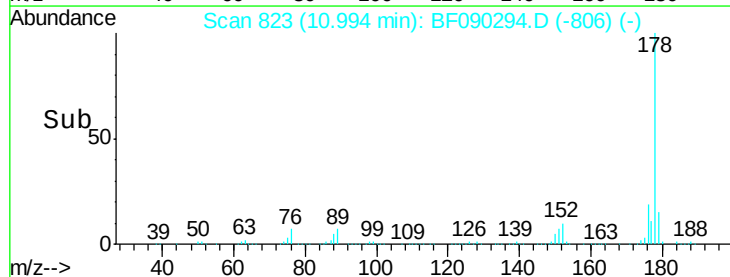
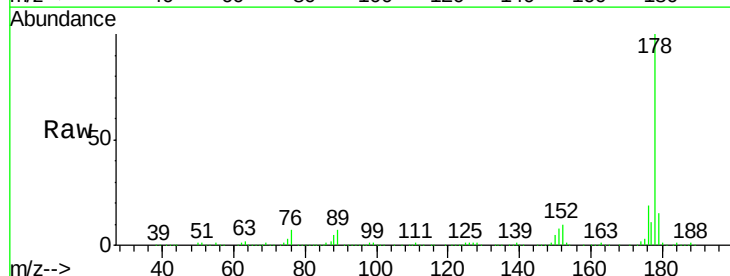
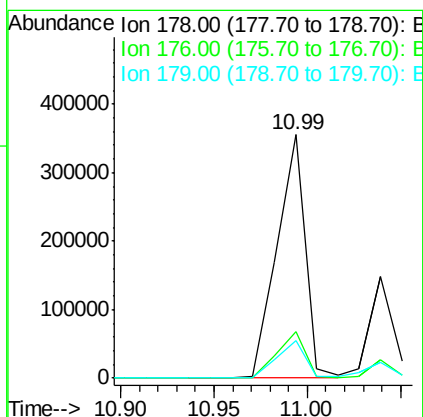
Manual Integrations  
APPROVED

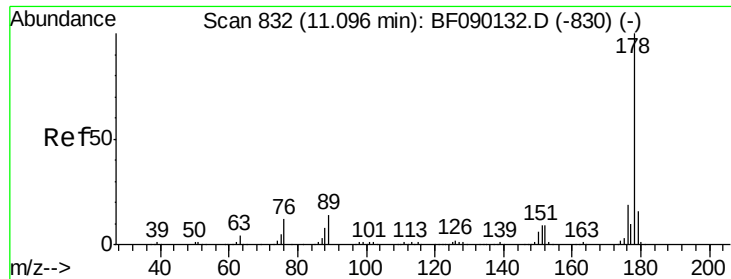
sohil  
9/30/2016 4:00:47 PM



#70  
Phenanthrene  
Concen: 26.24 ng  
RT: 10.99 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 372836 |       |       |
| 176     | 19.1  | 15.9   | 23.9  |       |
| 179     | 15.4  | 12.9   | 19.3  |       |





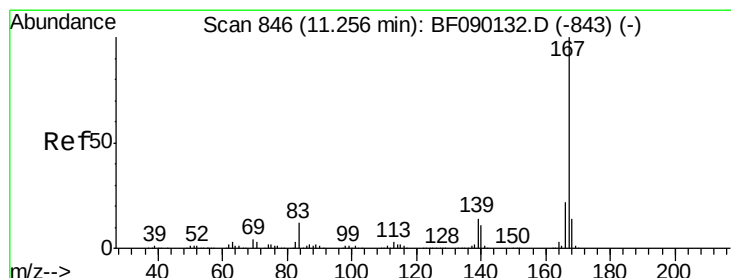
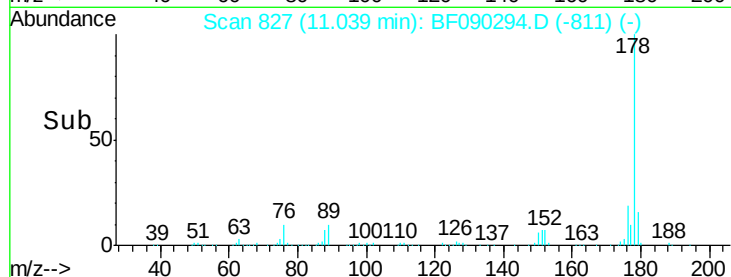
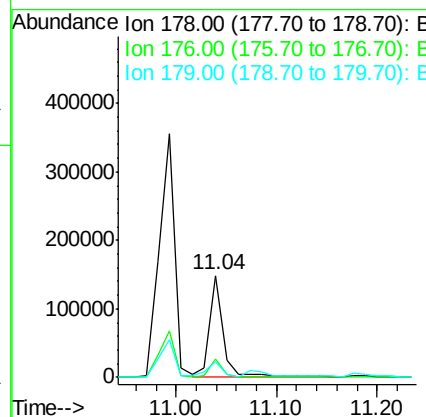
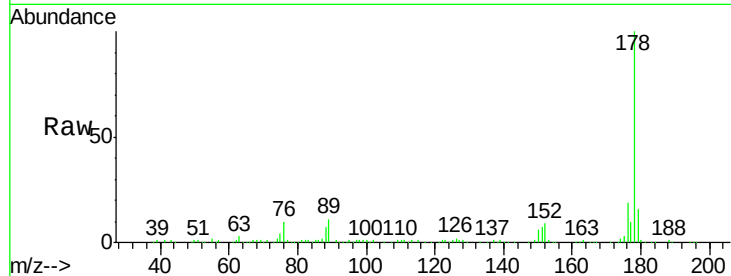
#71  
 Anthracene  
 Concen: 9.58 ng  
 RT: 11.04 min Scan# 827  
 Delta R.T. -0.02 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.8  | 23.6  |
| 179     | 15.9  | 12.6  | 19.0  |

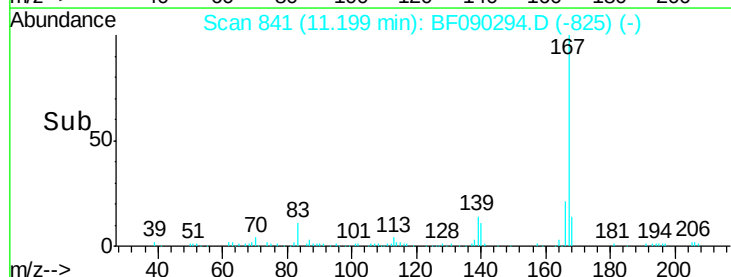
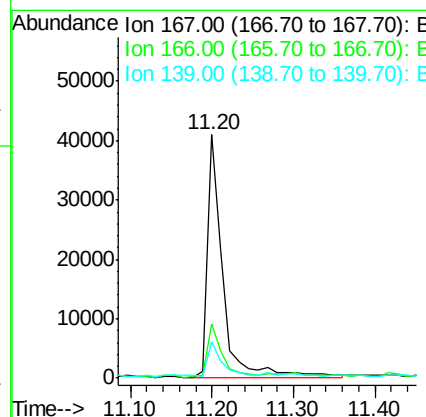
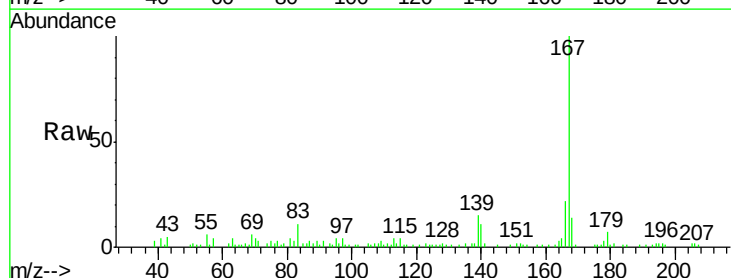
Manual Integrations  
 APPROVED

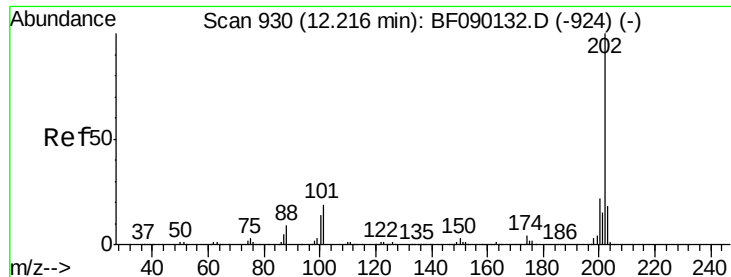
sohil  
 9/30/2016 4:00:47 PM



#72  
 Carbazole  
 Concen: 3.54 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. -0.02 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.0  | 27.0  |
| 139     | 14.9  | 10.4  | 15.6  |





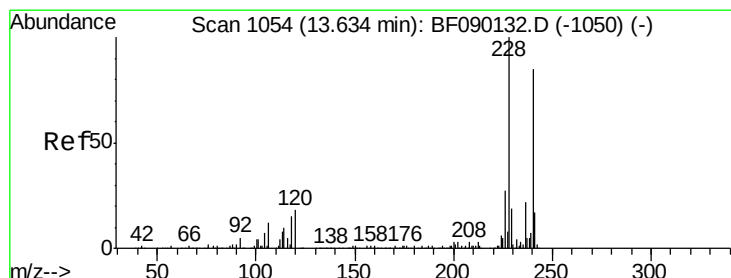
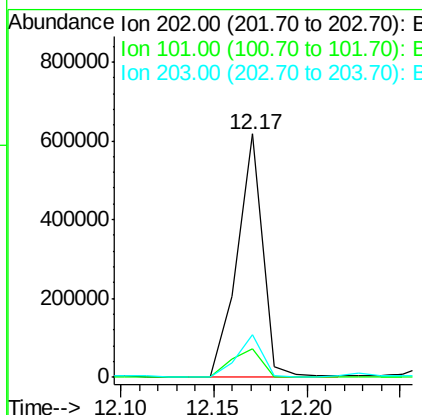
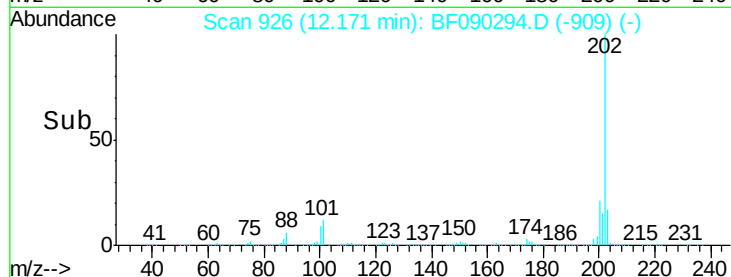
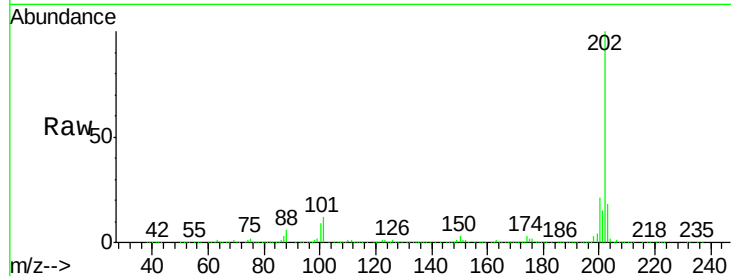
#74  
Fluoranthene  
Concen: 38.60 ng  
RT: 12.17 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

Instrument :  
BNA\_F  
ClientSampleId :  
S-20

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 588688 |       |       |
| 101     | 11.9 | 0.0   | 36.1   |       |       |
| 203     | 17.6 | 0.0   | 38.2   |       |       |

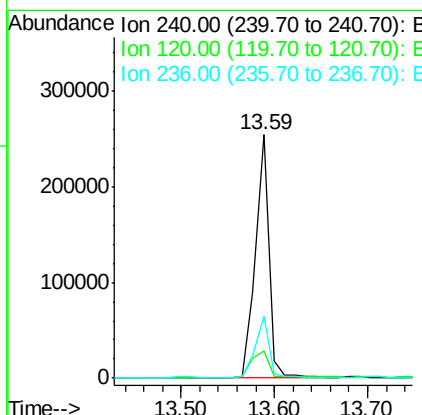
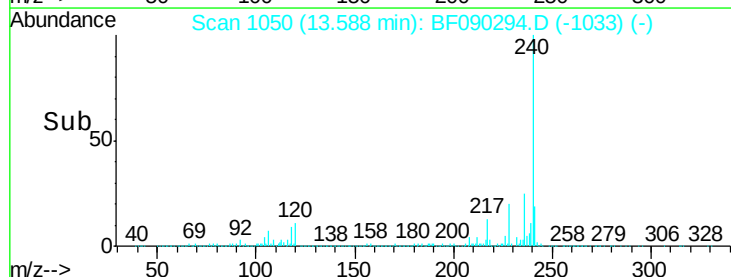
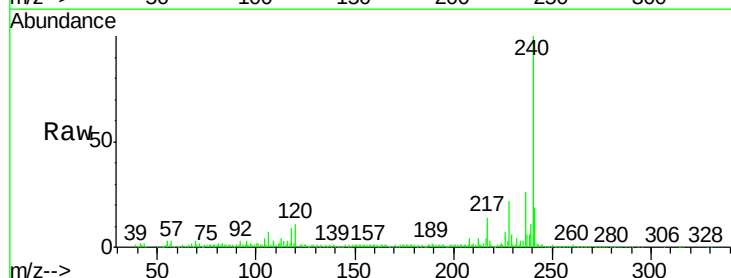
Manual Integrations  
APPROVED

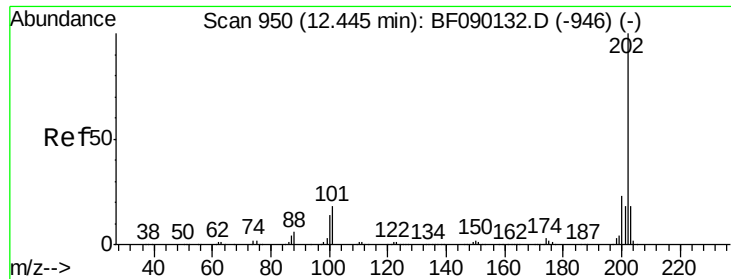
sohil  
9/30/2016 4:00:47 PM



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.59 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 240     | 100  |       | 254119 |       |       |
| 120     | 11.2 | 10.6  | 16.0   |       |       |
| 236     | 25.6 | 21.6  | 32.4   |       |       |





#77

Pvrene

Concen: 29.34 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Instrument :

BNA\_F

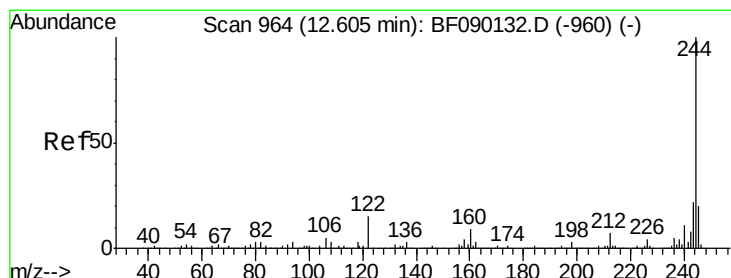
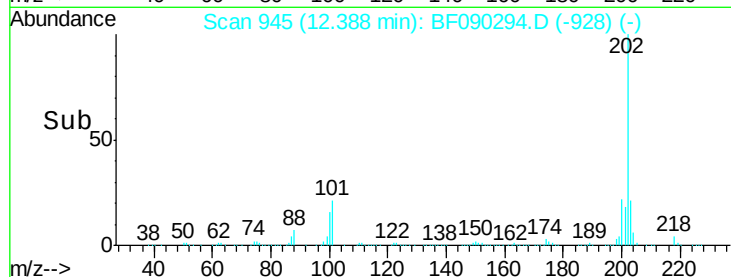
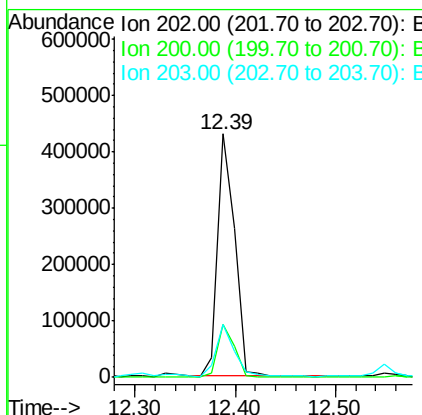
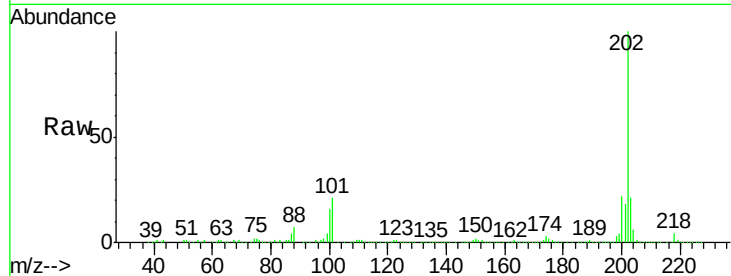
ClientSampled :

S-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 17.9  | 26.9  |
| 203     | 21.5  | 14.2  | 21.4# |

Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM



#78

Terphenyl-d14

Concen: 84.67 ng

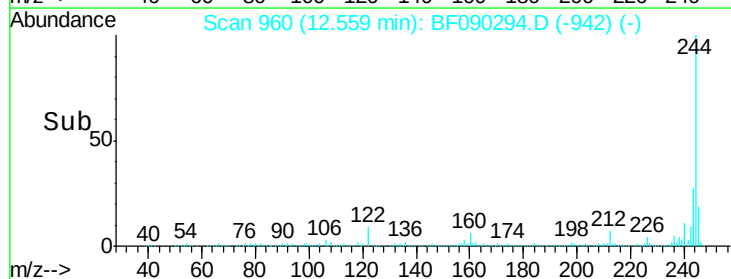
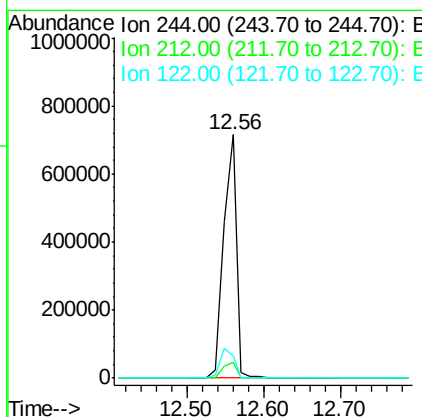
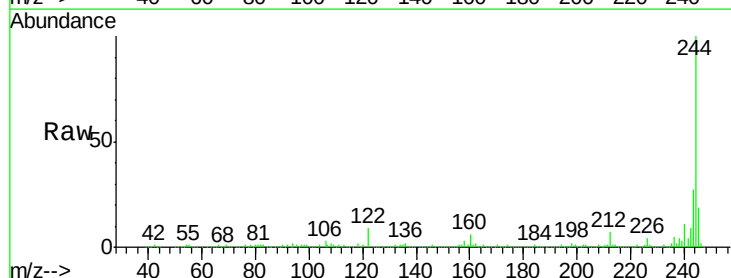
RT: 12.56 min Scan# 960

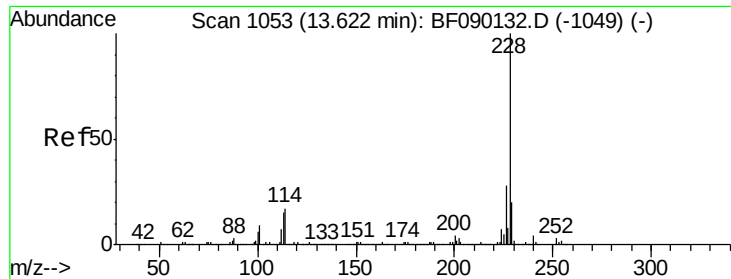
Delta R.T. 0.00 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.8   | 8.8   |
| 122     | 9.1   | 9.4   | 14.0# |





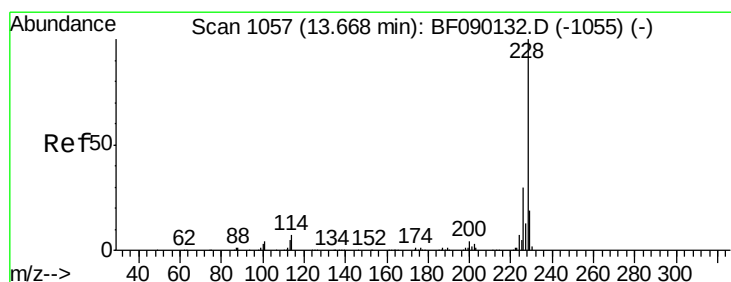
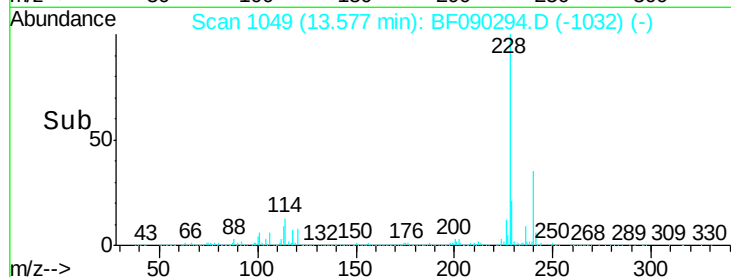
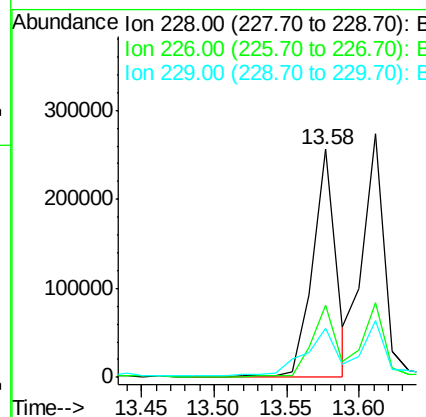
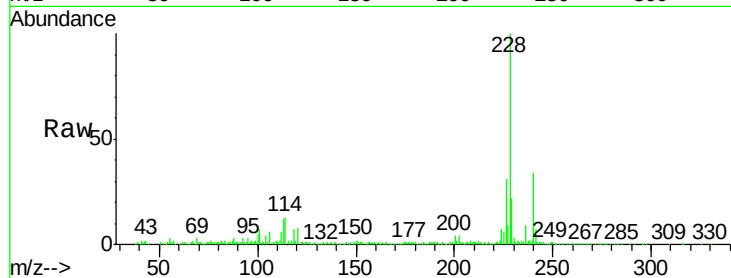
#80  
Benzo(a)anthracene  
Concen: 20.71 ng  
RT: 13.58 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

Instrument :  
BNA\_F  
ClientSampled :  
S-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.4  | 22.0  | 33.0  |
| 229     | 21.6  | 16.2  | 24.2  |

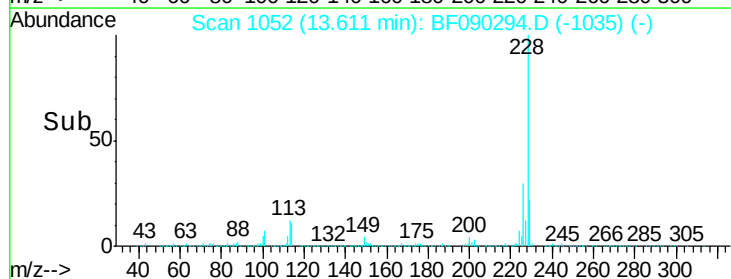
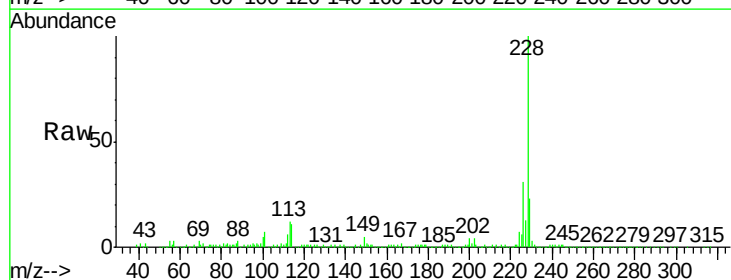
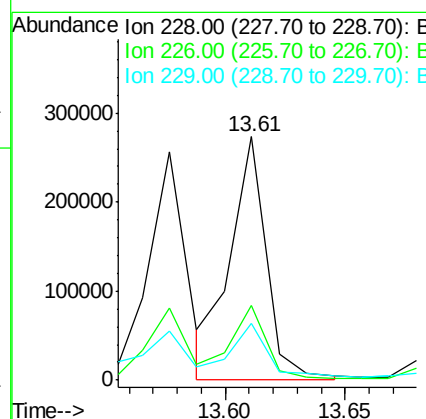
Manual Integrations  
APPROVED

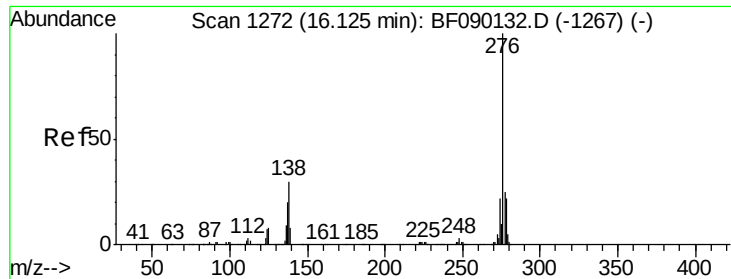
sohil  
9/30/2016 4:00:47 PM



#82  
Chrysene  
Concen: 21.32 ng m  
RT: 13.61 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.6  | 37.0  |
| 229     | 23.2  | 16.2  | 24.4  |





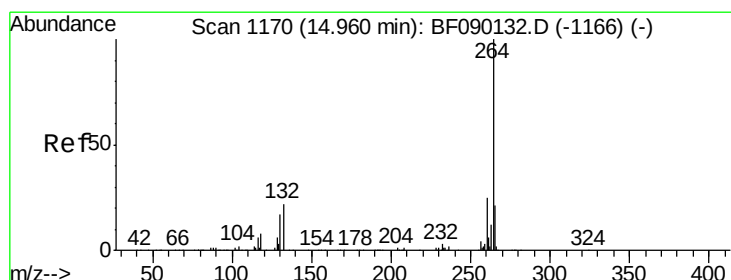
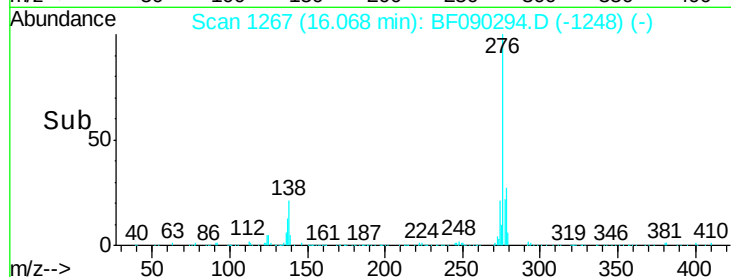
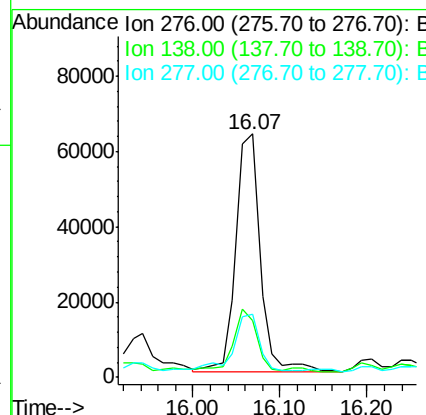
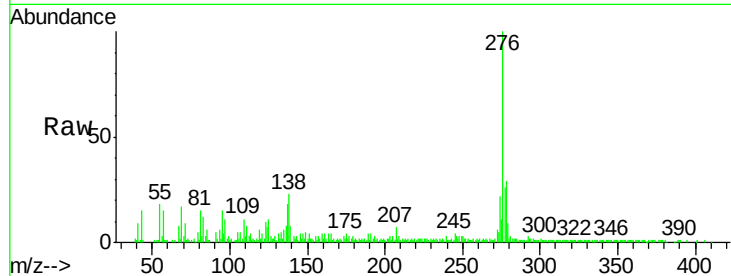
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 11.51 ng  
 RT: 16.07 min Scan# 1267  
 Delta R.T. 0.01 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

Instrument :  
 BNA\_F  
 ClientSampled :  
 S-20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 123908 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 26.0  | 25.9  | 38.9   |
| 277       | 27.4  | 19.9  | 29.9   |

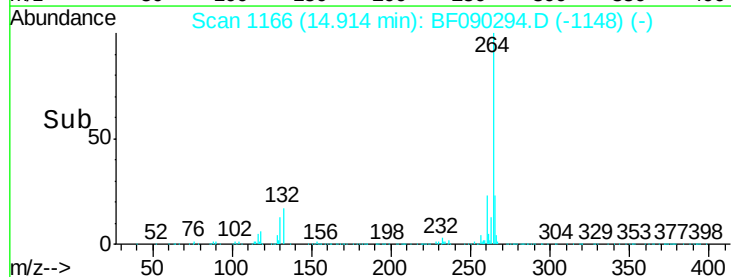
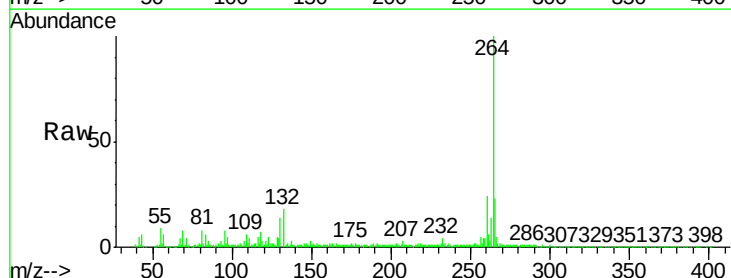
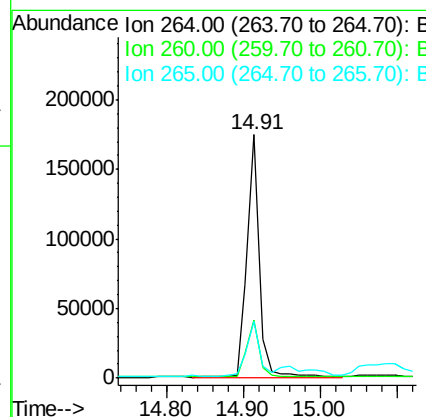
Manual Integrations  
 APPROVED

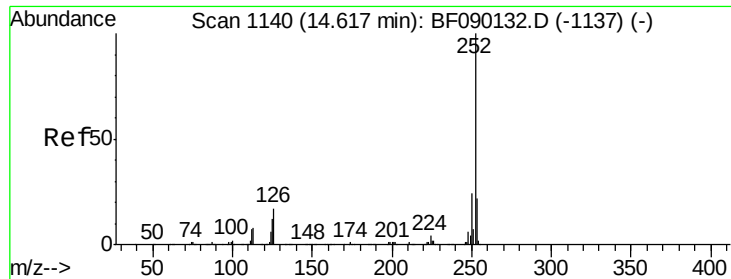
sohil  
 9/30/2016 4:00:47 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 14.91 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: BF090294.D  
 Acq: 29 Sep 2016 16:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 196207 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.1  | 19.5  | 29.3   |
| 265       | 23.4  | 17.0  | 25.4   |





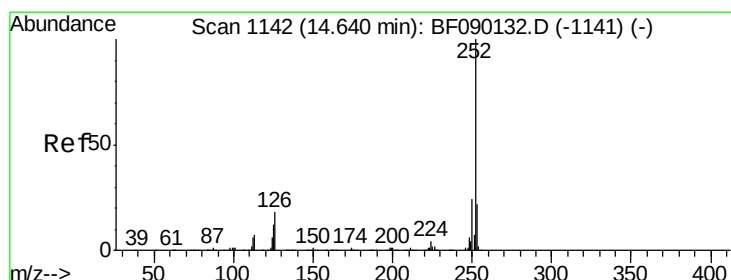
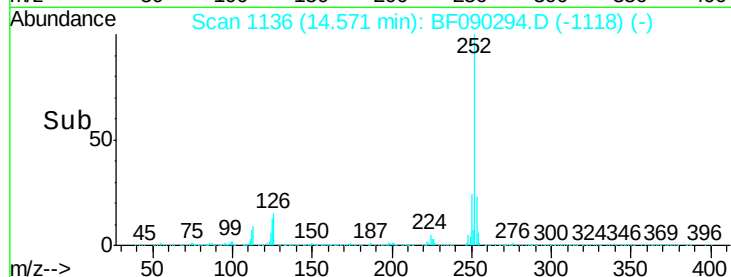
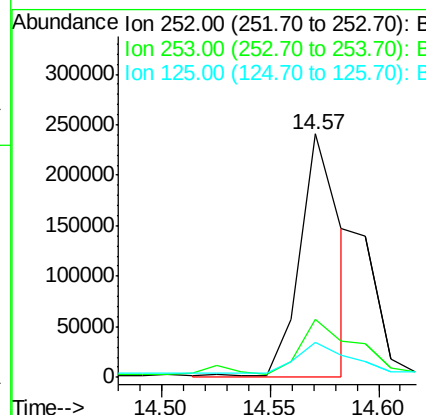
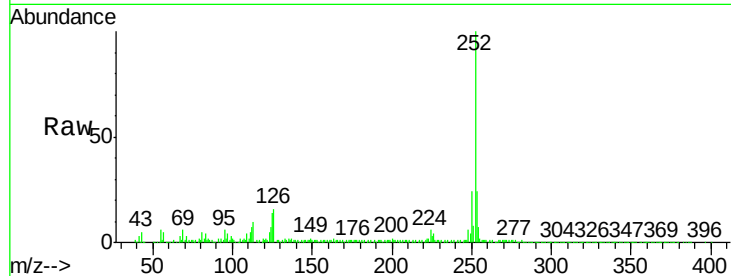
#87  
Benzo(b)fluoranthene  
Concen: 28.57 ng m  
RT: 14.57 min Scan# 1136  
Delta R.T. 0.00 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

Instrument :  
BNA\_F  
ClientSampleId :  
S-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.9  | 26.9  |
| 125     | 14.4  | 12.7  | 19.1  |

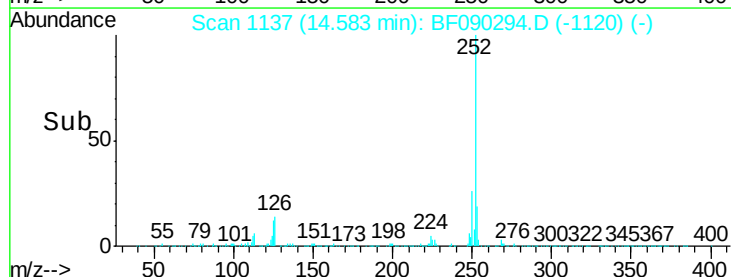
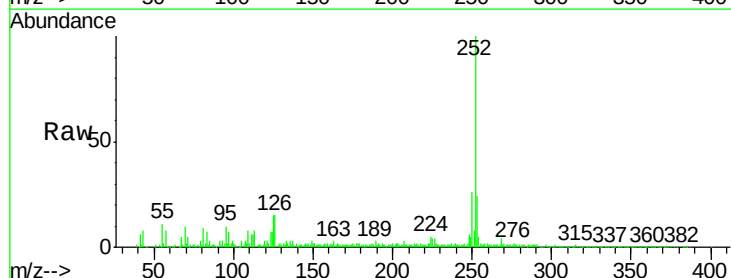
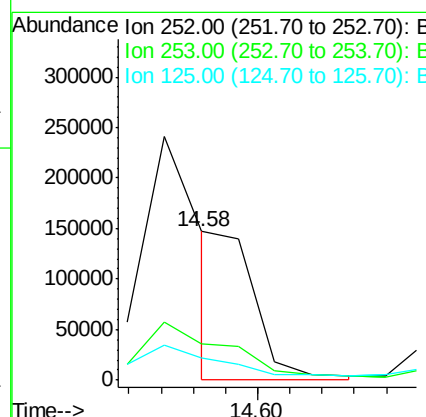
Manual Integrations  
APPROVED

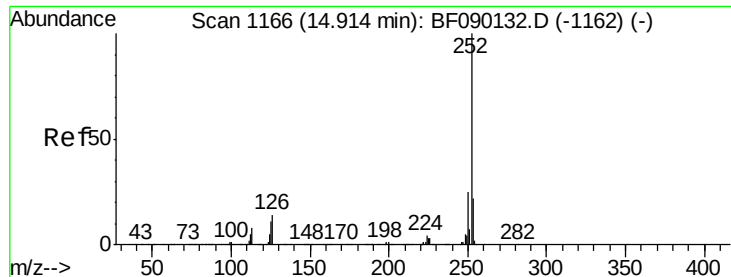
sohil  
9/30/2016 4:00:47 PM



#88  
Benzo(k)fluoranthene  
Concen: 11.26 ng m  
RT: 14.58 min Scan# 1137  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 17.8  | 26.8  |
| 125     | 15.1  | 7.8   | 11.6  |





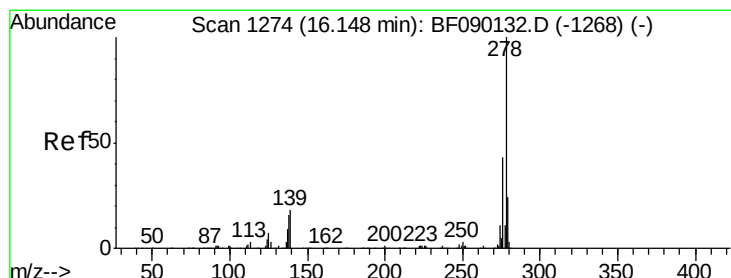
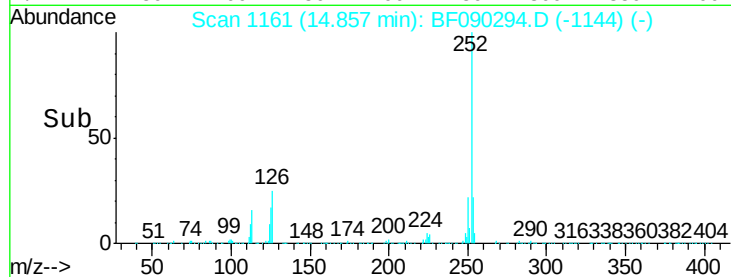
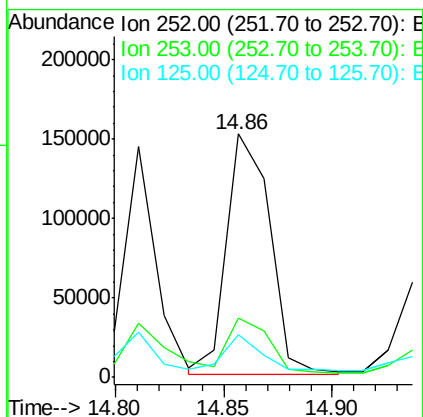
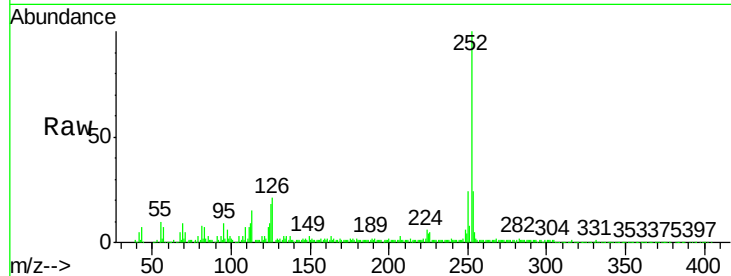
#89  
Benzo(a)pyrene  
Concen: 20.49 ng  
RT: 14.86 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

Instrument :  
BNA\_F  
ClientSampled :  
S-20

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 24.5  | 17.4       | 26.0  |
| 125     | 17.5  | 7.7        | 11.5# |

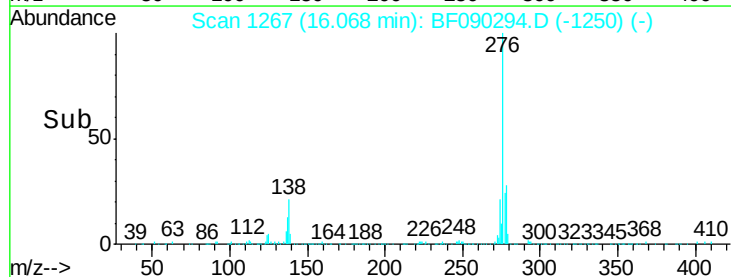
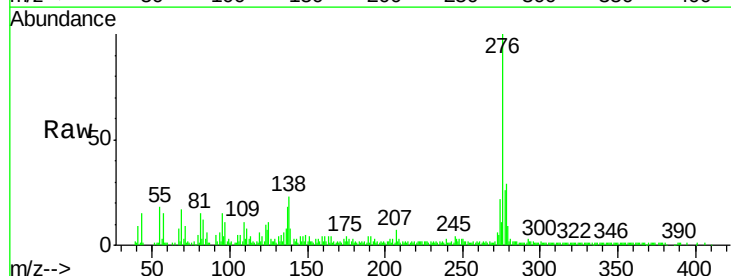
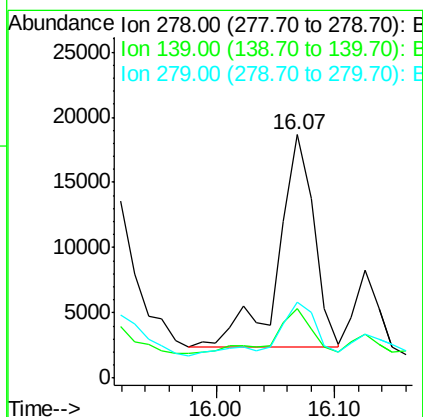
Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM

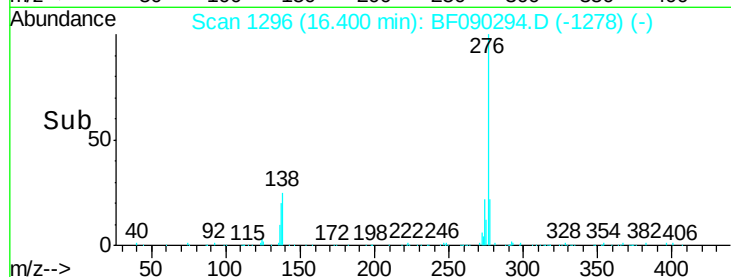
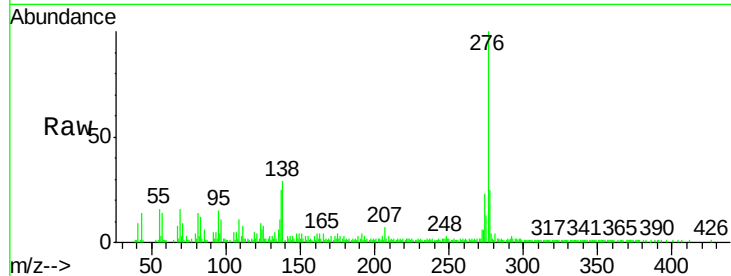
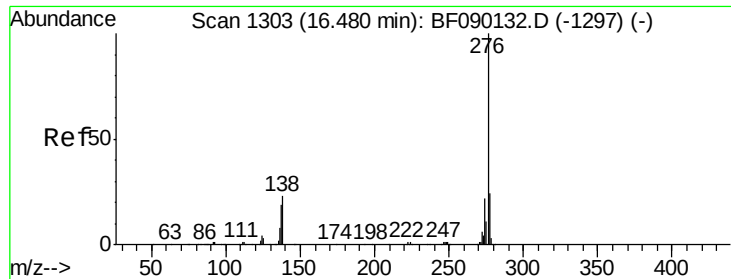


#90  
Dibenzo(a,h)anthracene  
Concen: 4.23 ng  
RT: 16.07 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BF090294.D  
Acq: 29 Sep 2016 16:42

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 28.3  | 14.6       | 21.8# |
| 279     | 31.4  | 18.8       | 28.2# |







#91

Benzo(a,h,i)perylene

Concen: 14.94 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF090294.D

Acq: 29 Sep 2016 16:42

Instrument :

BNA\_F

ClientSampleId :

S-20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 116626 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.5  | 18.9  | 28.3   |
| 138       | 29.2  | 23.3  | 34.9   |

Manual Integrations  
APPROVED

sohil  
9/30/2016 4:00:47 PM

