

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\  
 Data File : BE090384.D  
 Acq On : 6 Aug 2015 11:45  
 Operator : TP/UM  
 Sample : G3180-12  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-U-S

Manual Integrations  
 APPROVED

MMDadoda  
 8/10/2015 10:11:24 AM

Quant Time: Aug 06 13:29:58 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)      |
|--------------------------------|-------|------|----------|------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.59  | 152  | 22010    | 5.00 | ng    | 0.00          |
| 6) Naphthalene-d8              | 10.34 | 136  | 97213    | 5.00 | ng    | 0.00          |
| 12) Acenaphthene-d10           | 14.20 | 164  | 65909    | 5.00 | ng    | 0.00          |
| 18) Phenanthrene-d10           | 16.94 | 188  | 127368   | 5.00 | ng    | 0.00          |
| 25) Chrysene-d12               | 21.10 | 240  | 158974   | 5.00 | ng    | 0.00          |
| 32) Perylene-d12               | 23.40 | 264  | 146970   | 5.00 | ng    | 0.00          |
| System Monitoring Compounds    |       |      |          |      |       |               |
| 4) 2-Fluorophenol              | 5.22  | 112  | 8758     | 2.65 | ng    | 0.00          |
| 5) Phenol-d6                   | 6.77  | 99   | 7367     | 1.25 | ng    | 0.00          |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 23658    | 3.07 | ng    | 0.00          |
| 13) 2,4,6-Tribromophenol       | 15.71 | 330  | 8288     | 5.02 | ng    | 0.00          |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 61713    | 3.40 | ng    | 0.00          |
| 27) Terphenyl-d14              | 19.55 | 244  | 126282   | 5.39 | ng    | -0.01         |
| Target Compounds               |       |      |          |      |       |               |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 2203     | 0.37 | ng    | Qvalue<br>100 |

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

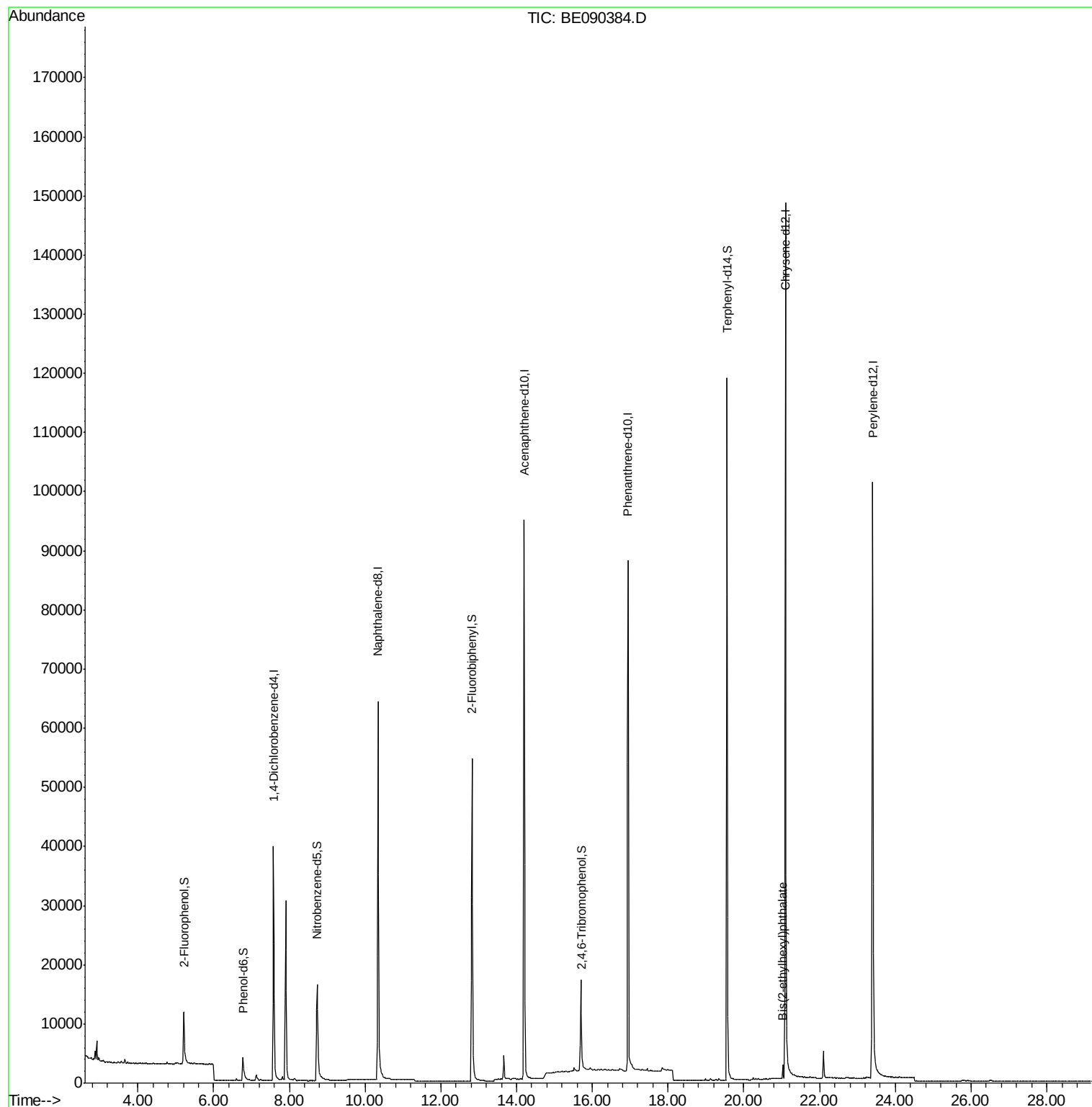
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080515\  
Data File : BE090384.D  
Acq On : 6 Aug 2015 11:45  
Operator : TP/UM  
Sample : G3180-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

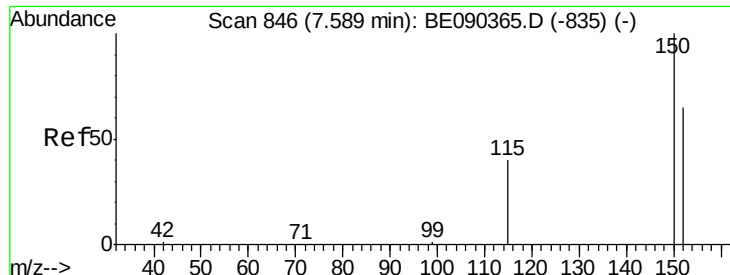
Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-U-S

Manual Integrations  
APPROVED

MMDadoda  
8/10/2015 10:11:24 AM

Quant Time: Aug 06 13:29:58 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 06 12:28:08 2015  
Response via : Initial Calibration





#1

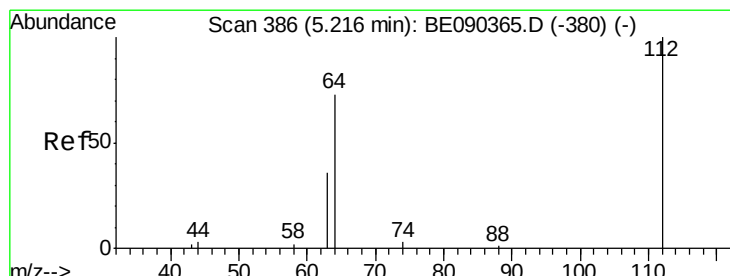
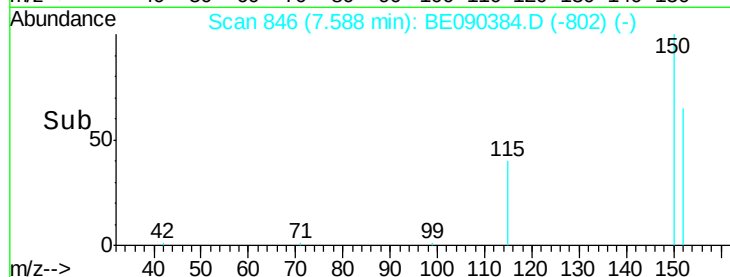
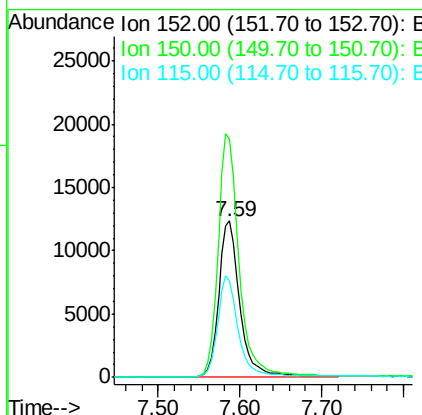
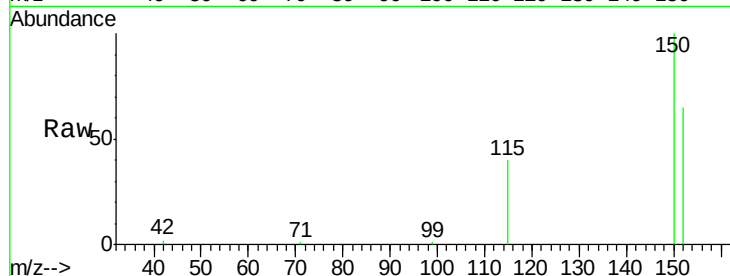
1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.59 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BE090384.D  
Acq: 6 Aug 2015 11:45

Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.9 | 123.0 | 184.4 |
| 115     | 61.8  | 48.9  | 73.3  |

Manual Integrations  
APPROVED

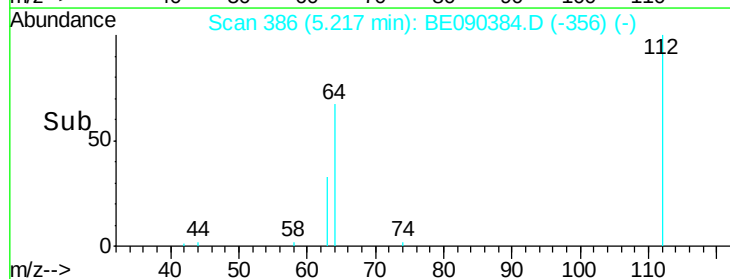
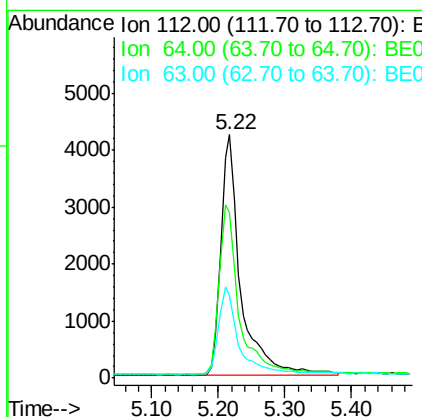
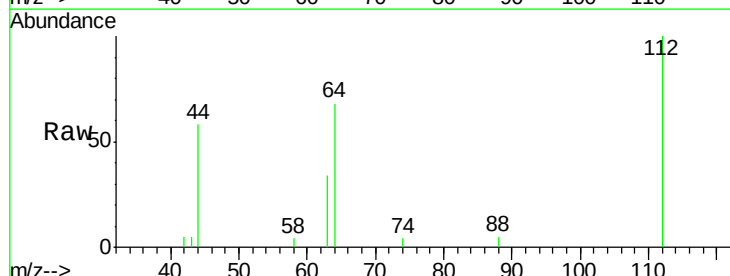
MMDadoda  
8/10/2015 10:11:24 AM

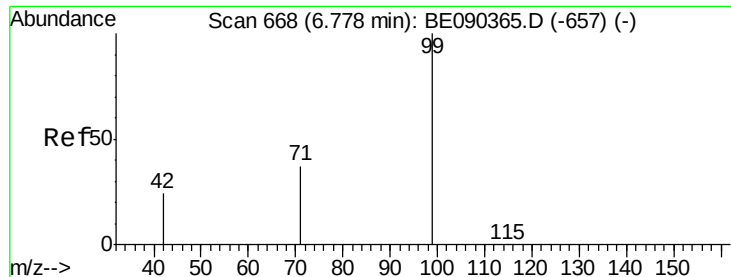


#4

2-Fluorophenol  
Concen: 2.65 ng  
RT: 5.22 min Scan# 386  
Delta R.T. 0.00 min  
Lab File: BE090384.D  
Acq: 6 Aug 2015 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.7  | 37.1  | 55.7# |
| 63      | 35.8  | 19.5  | 29.3# |





#5

Phenol-d6

Concen: 1.25 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

Instrument :

BNA\_E

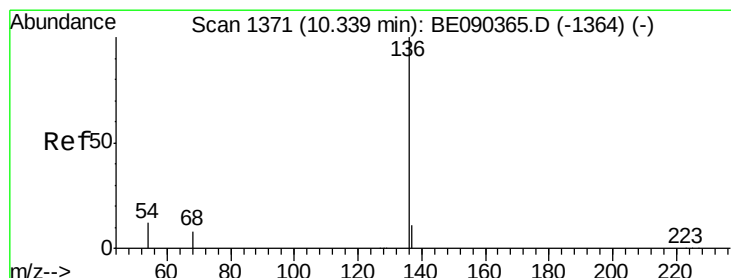
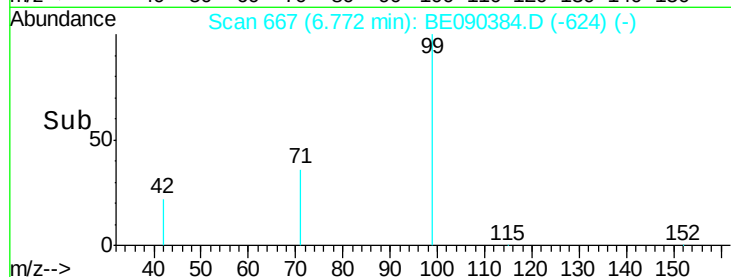
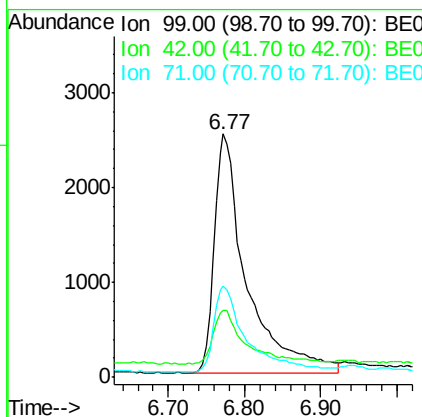
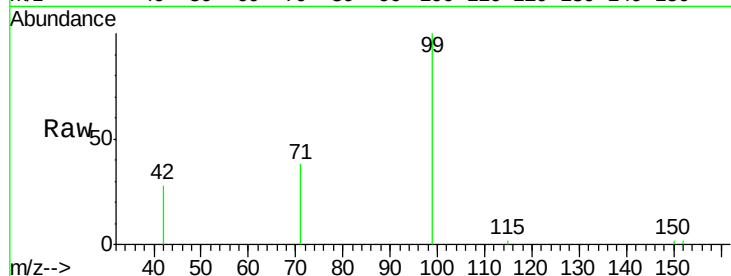
ClientSampleId :

080415-D506-E-U-S

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 7367  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.5  | 18.2  | 27.4  |
| 71       | 37.0  | 27.4  | 41.0  |

Manual Integrations  
APPROVED

MMDadoda  
8/10/2015 10:11:24 AM



#6

Naphthalene-d8

Concen: 5.00 ng

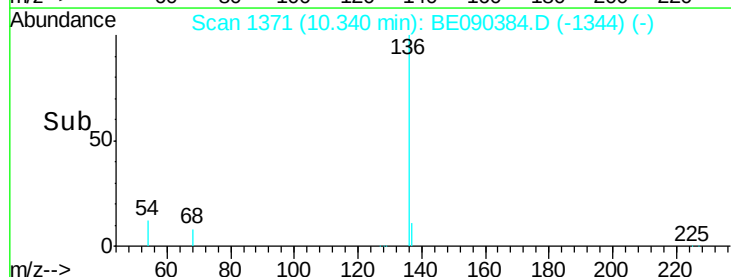
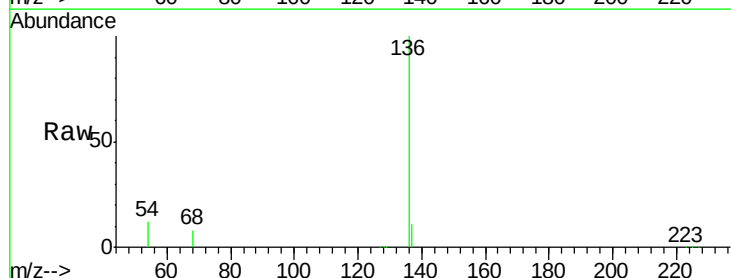
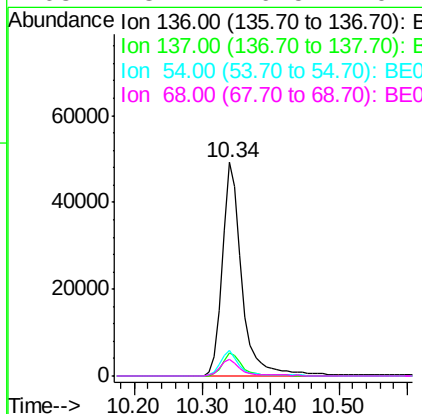
RT: 10.34 min Scan# 1371

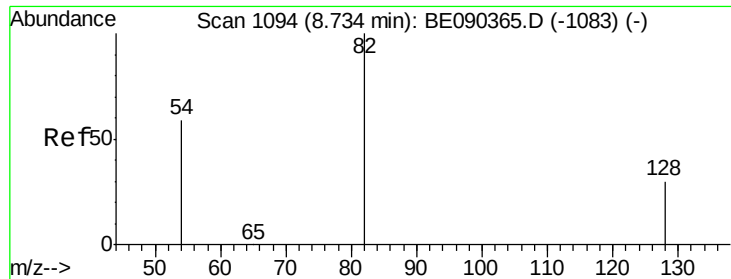
Delta R.T. 0.00 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 97213 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.7  | 8.7   | 13.1  |
| 54       | 11.8  | 9.4   | 14.0  |
| 68       | 8.1   | 6.5   | 9.7   |





#7

Nitrobenzene-d5

Concen: 3.07 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

Instrument :

BNA\_E

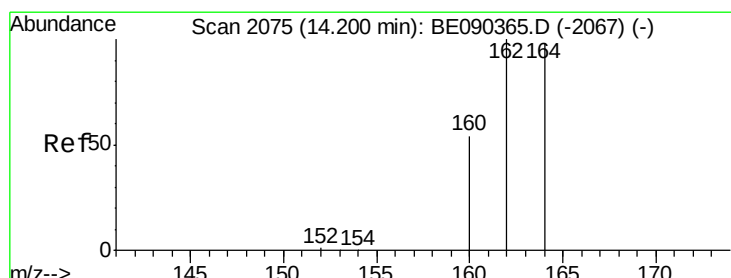
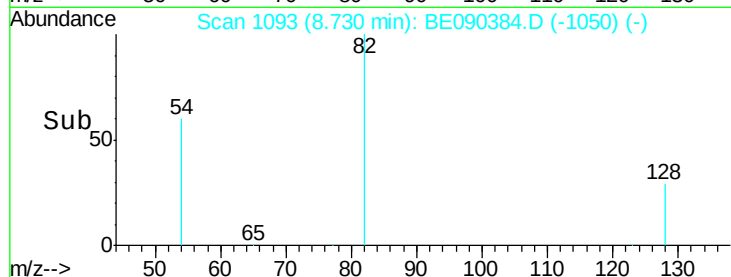
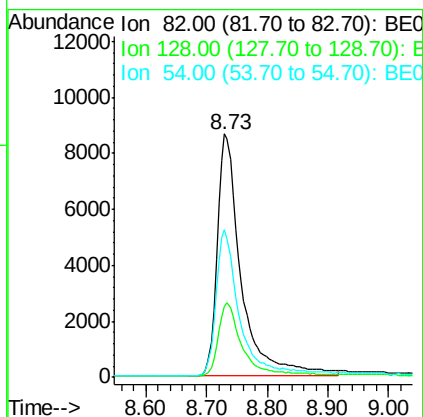
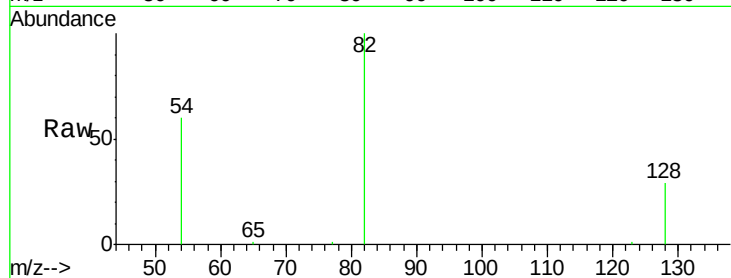
ClientSampleId :

080415-D506-E-U-S

Manual Integrations  
APPROVED

MMDadoda  
8/10/2015 10:11:24 AM

| Tot Ion | 82    | Resp  | 23658 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 82      | 100   |       |       |
| 128     | 29.3  | 25.0  | 37.6  |
| 54      | 60.4  | 48.8  | 73.2  |



#12

Acenaphthene-d10

Concen: 5.00 ng

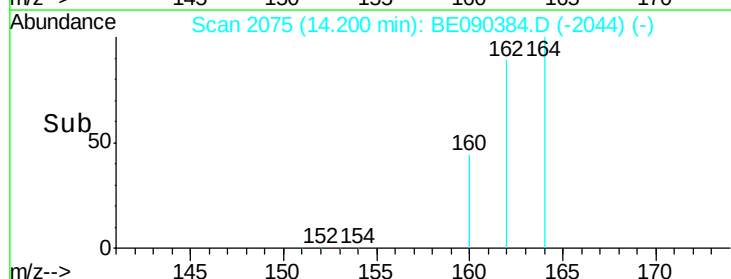
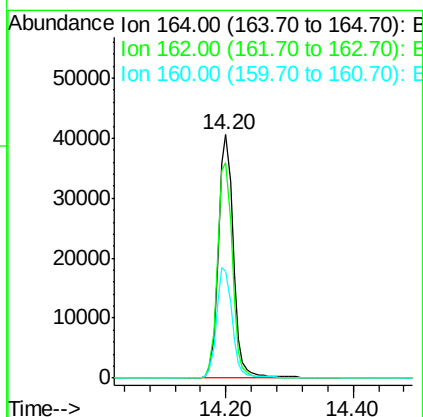
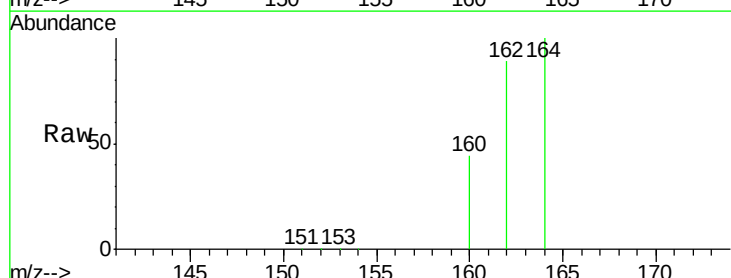
RT: 14.20 min Scan# 2075

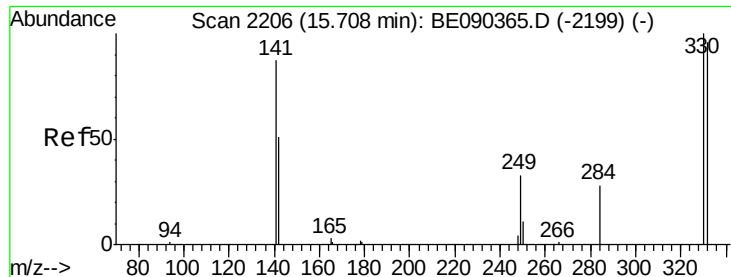
Delta R.T. 0.00 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

| Tgt Ion | 164   | Resp  | 65909 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 164     | 100   |       |       |
| 162     | 88.7  | 81.8  | 122.8 |
| 160     | 43.9  | 44.2  | 66.4# |





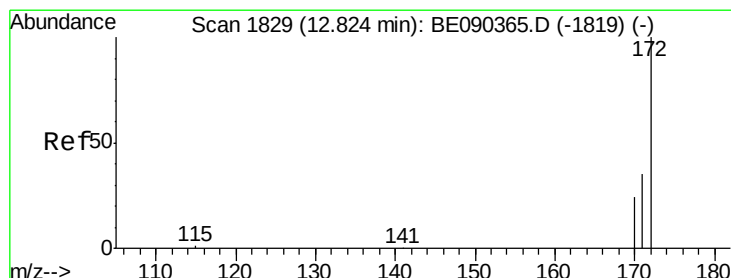
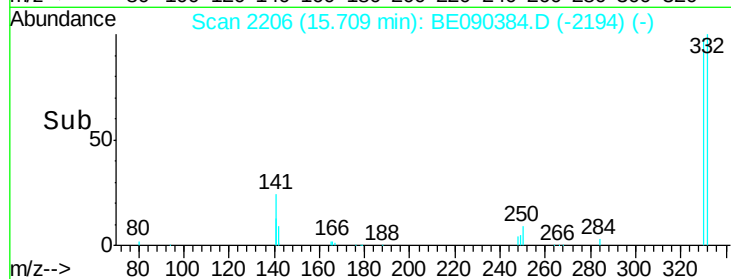
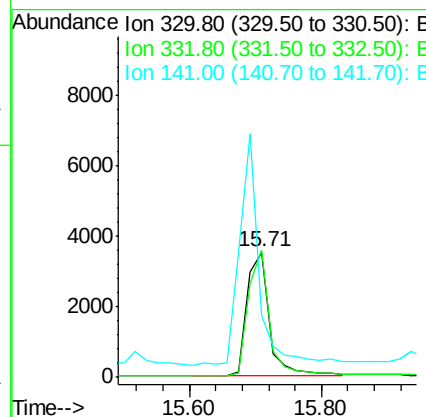
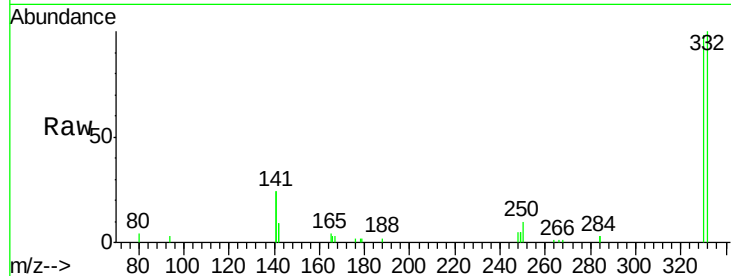
#13  
 2,4,6-Tribromophenol  
 Concen: 5.02 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BE090384.D  
 Acq: 6 Aug 2015 11:45

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-U-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.0  | 75.8  | 113.6 |
| 141     | 162.6 | 114.4 | 171.6 |

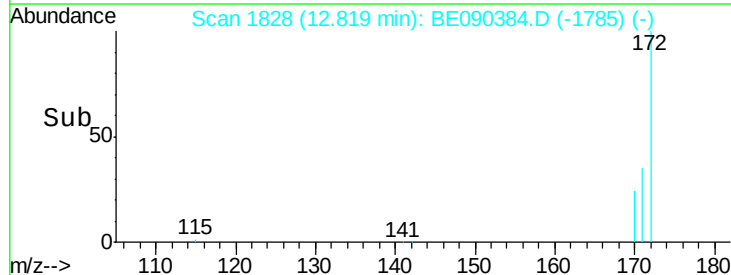
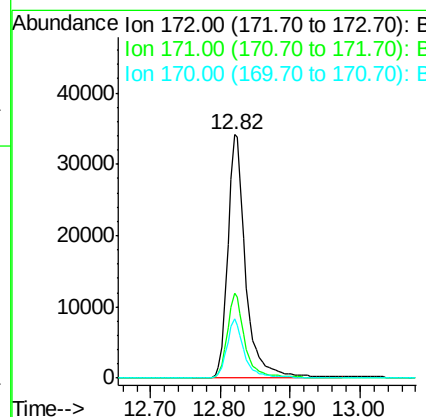
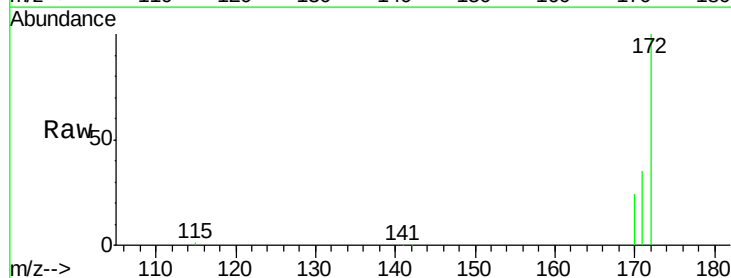
Manual Integrations  
 APPROVED

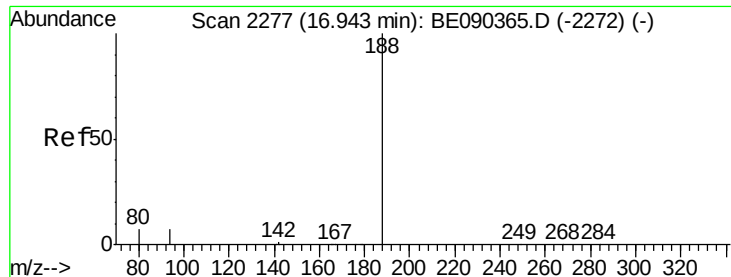
MMDadoda  
 8/10/2015 10:11:24 AM



#14  
 2-Fluorobiphenyl  
 Concen: 3.40 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BE090384.D  
 Acq: 6 Aug 2015 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 28.5  | 42.7  |
| 170     | 24.2  | 19.8  | 29.8  |





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

Instrument :

BNA\_E

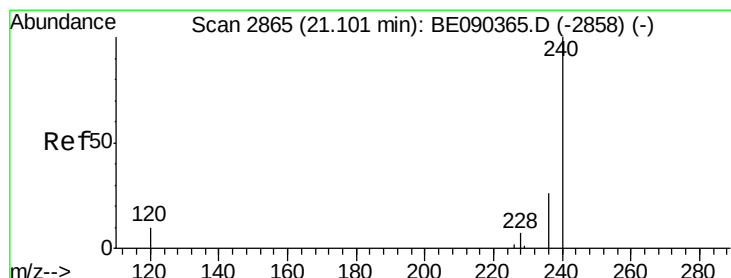
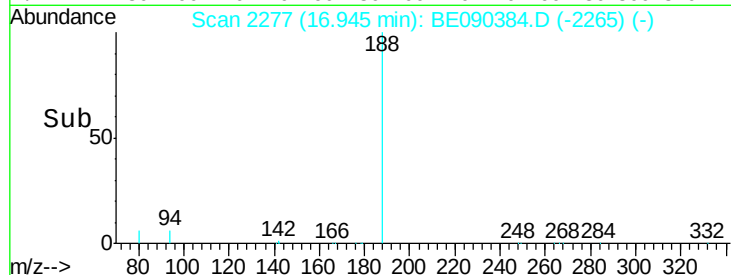
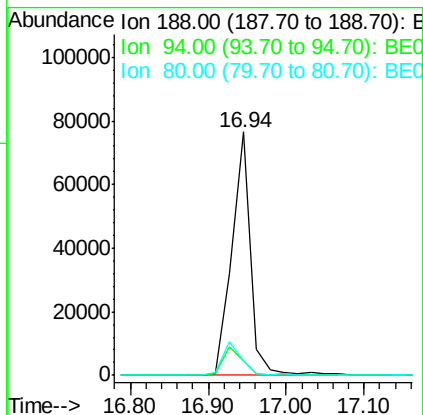
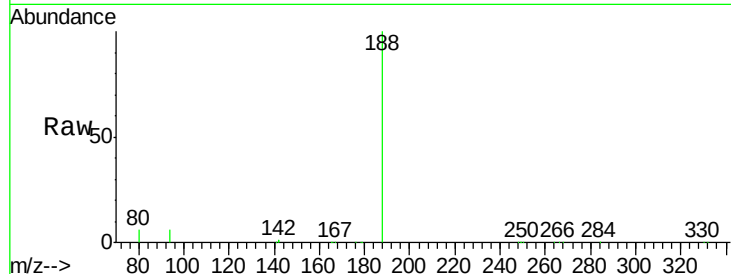
ClientSampleId :

080415-D506-E-U-S

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 127368 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.0   | 5.7   | 8.5    |
| 80        | 6.0   | 5.8   | 8.8    |

Manual Integrations  
APPROVED

MMDadoda  
8/10/2015 10:11:24 AM



#25

Chrysene-d12

Concen: 5.00 ng

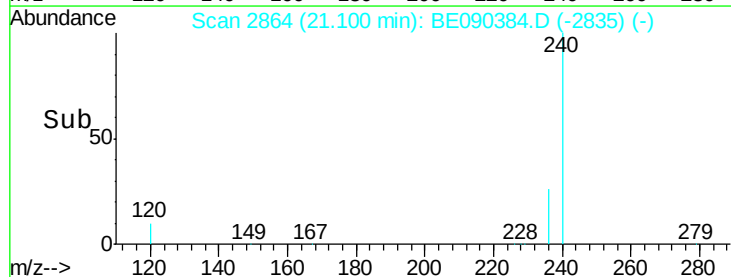
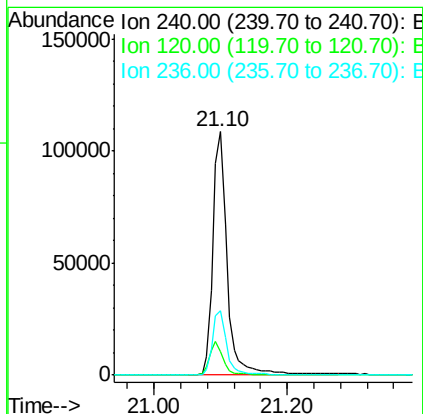
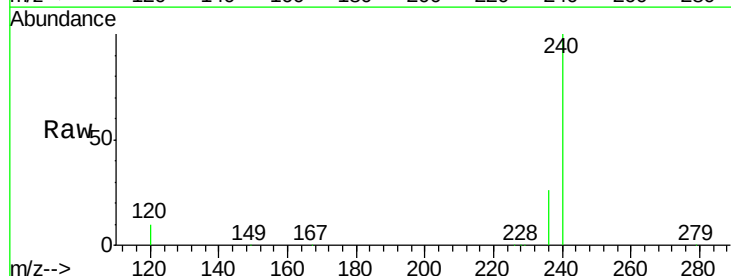
RT: 21.10 min Scan# 2864

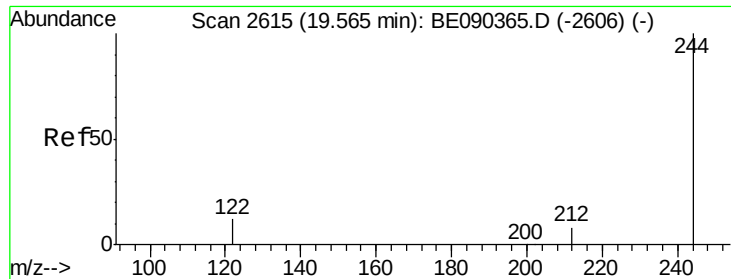
Delta R.T. -0.00 min

Lab File: BE090384.D

Acq: 6 Aug 2015 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 158974 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.6   | 8.3   | 12.5   |
| 236       | 26.4  | 21.0  | 31.4   |





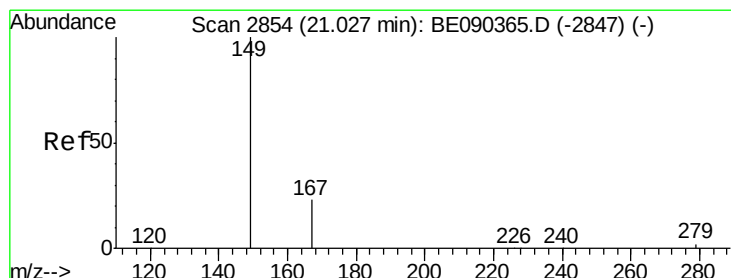
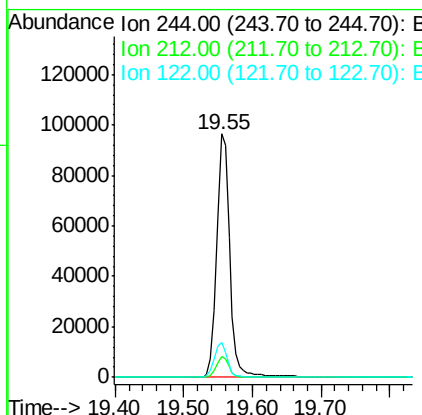
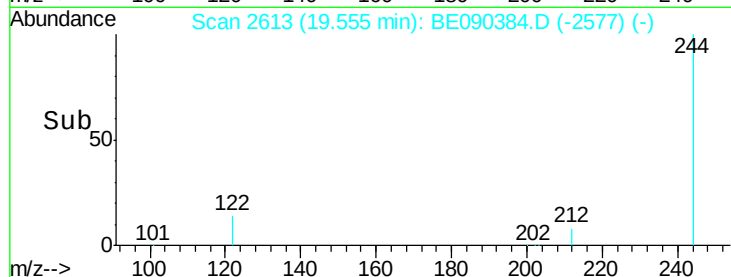
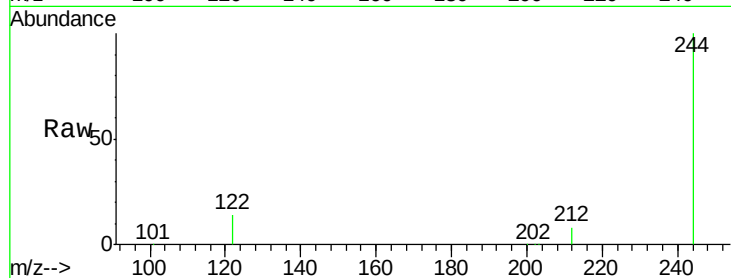
#27  
 Terphenyl-d14  
 Concen: 5.39 ng  
 RT: 19.55 min Scan# 2613  
 Delta R.T. -0.01 min  
 Lab File: BE090384.D  
 Acq: 6 Aug 2015 11:45

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080415-D506-E-U-S

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 126282 |       |       |
| 212     | 8.3   | 6.6    | 9.8   |       |
| 122     | 14.3  | 10.2   | 15.4  |       |

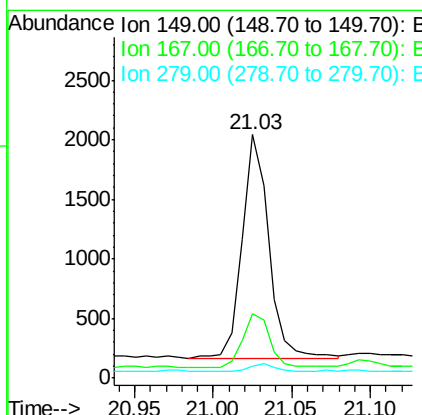
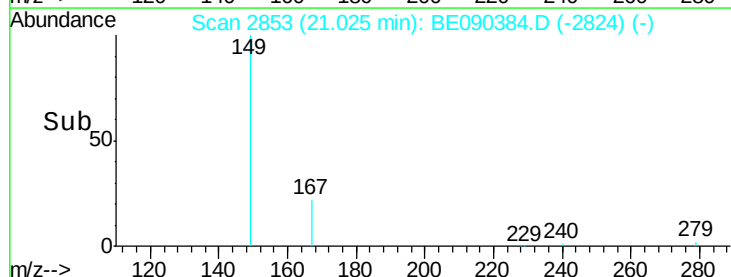
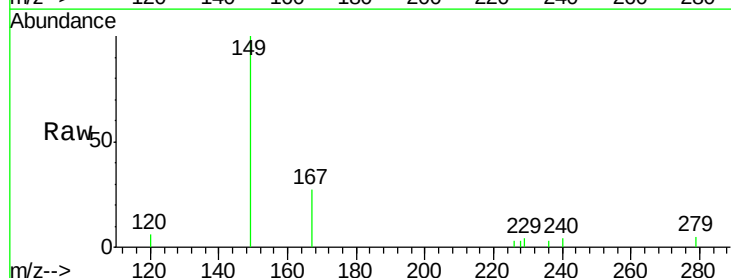
Manual Integrations  
 APPROVED

MMDadoda  
 8/10/2015 10:11:24 AM

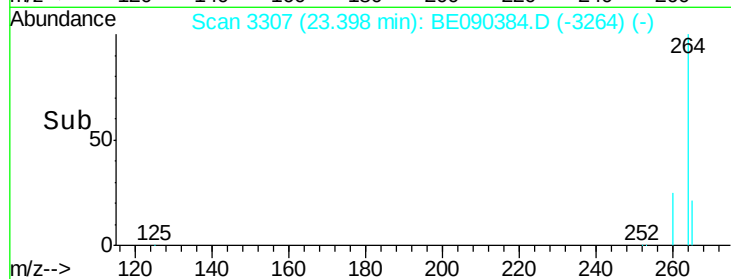
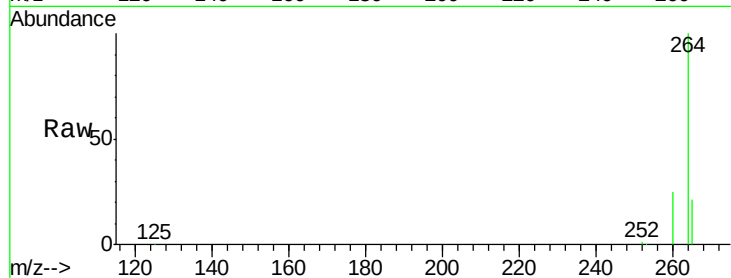
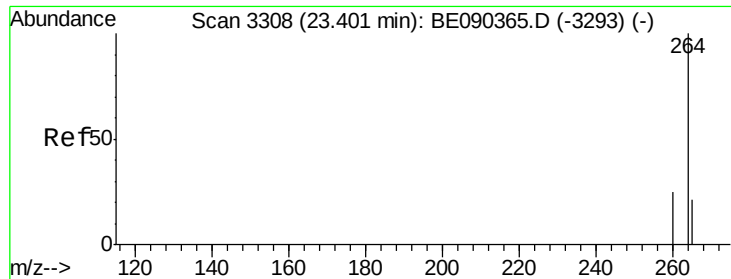


#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.37 ng  
 RT: 21.03 min Scan# 2853  
 Delta R.T. -0.00 min  
 Lab File: BE090384.D  
 Acq: 6 Aug 2015 11:45

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   | 2203 |       |       |
| 167     | 24.8  | 19.8 | 29.8  |       |
| 279     | 3.4   | 2.4  | 3.6   |       |







#32  
Pervlene-d12  
Concen: 5.00 ng  
RT: 23.40 min Scan# 3307  
Delta R.T. -0.00 min  
Lab File: BE090384.D  
Acq: 6 Aug 2015 11:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 146970 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 25.2  | 20.1  | 30.1   |
| 265       | 21.4  | 17.2  | 25.8   |

Instrument :  
BNA\_E  
ClientSampleId :  
080415-D506-E-U-S

Manual Integrations  
APPROVED

MMDadoda  
8/10/2015 10:11:24 AM

