

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\  
 Data File : BF092274.D  
 Acq On : 14 Jan 2017 10:06  
 Operator : UM/SJ  
 Sample : I1162-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMP

Manual Integrations  
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 1/16/2017 8:39:35 AM

Quant Time: Jan 16 03:36:52 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 16 01:02:36 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.58  | 152  | 206183   | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8          | 7.86  | 136  | 808176   | 20.00  | ng    | -0.02       |
| 38) Acenaphthene-d10        | 9.60  | 164  | 367213   | 20.00  | ng    | -0.02       |
| 63) Phenanthrene-d10        | 11.09 | 188  | 548466   | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12            | 13.71 | 240  | 389455   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 15.07 | 264  | 353254   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.17  | 112  | 1460201  | 118.25 | ng    | 0.00        |
| 7) Phenol-d6                | 6.24  | 99   | 1767112  | 117.21 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.15  | 82   | 1089720  | 74.98  | ng    | -0.01       |
| 41) 2,4,6-Tribromophenol    | 10.40 | 330  | 306997   | 101.02 | ng    | -0.01       |
| 44) 2-Fluorobiphenyl        | 8.94  | 172  | 1557701  | 87.26  | ng    | -0.01       |
| 78) Terphenyl-d14           | 12.67 | 244  | 947128   | 58.98  | ng    | -0.02       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.26  | 94   | 96953    | 5.64   | ng    | Qvalue # 68 |
| 49) Dimethylphthalate       | 9.34  | 163  | 143184   | 6.10   | ng    | 99          |
| 87) Benzo(b)fluoranthene    | 14.70 | 252  | 45171m   | 2.05   | ng    |             |

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

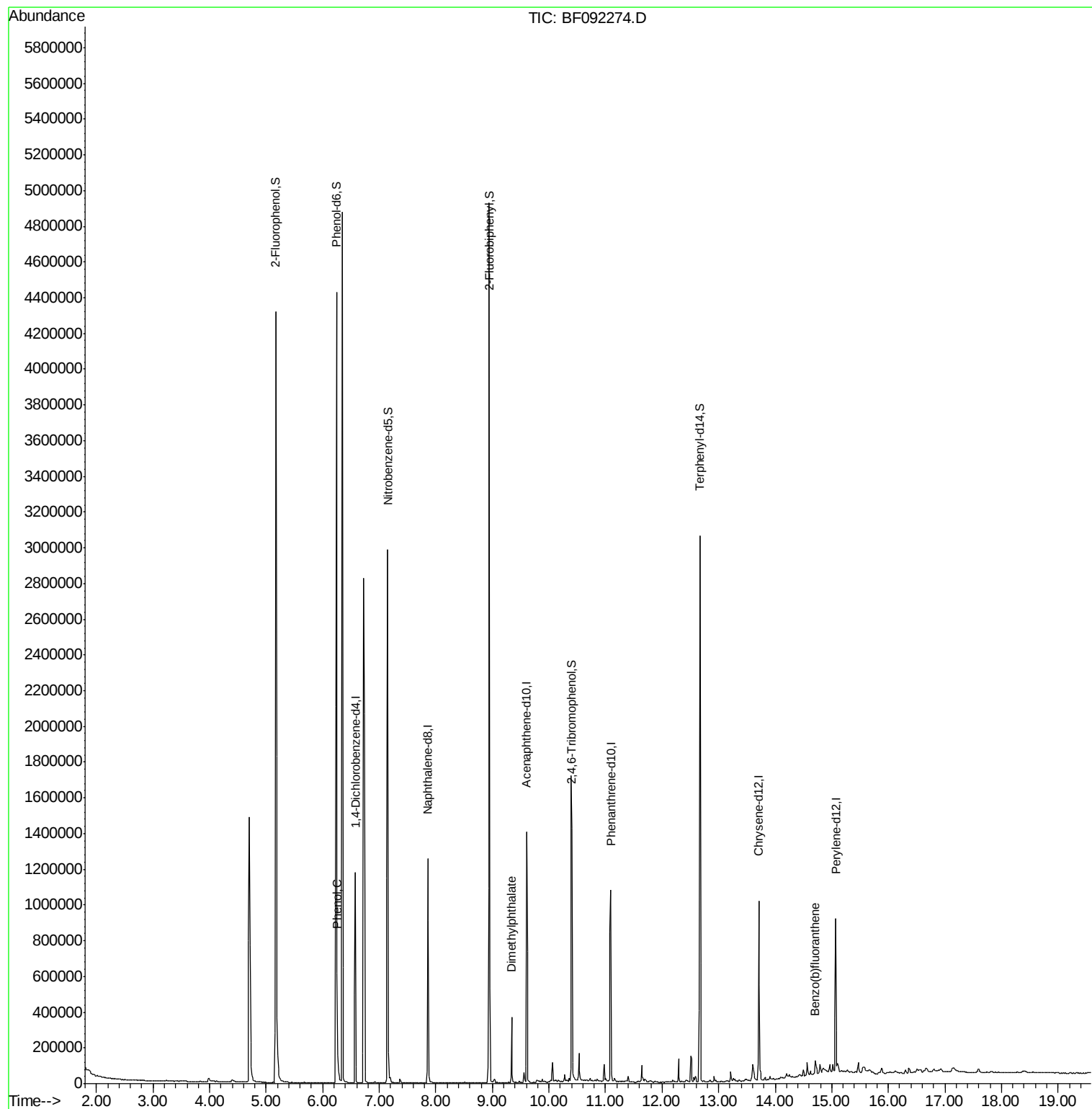
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\  
Data File : BF092274.D  
Acq On : 14 Jan 2017 10:06  
Operator : UM/SJ  
Sample : I1162-02  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

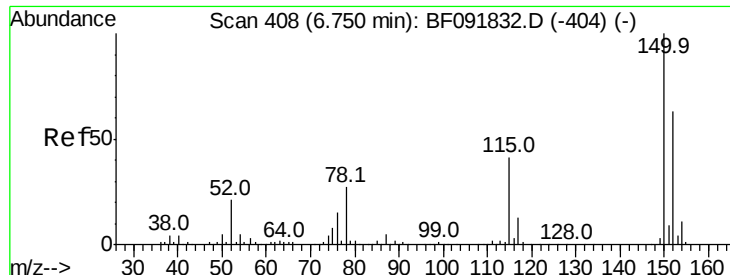
Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Time: Jan 16 03:36:52 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 16 01:02:36 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

Instrument :

BNA\_F

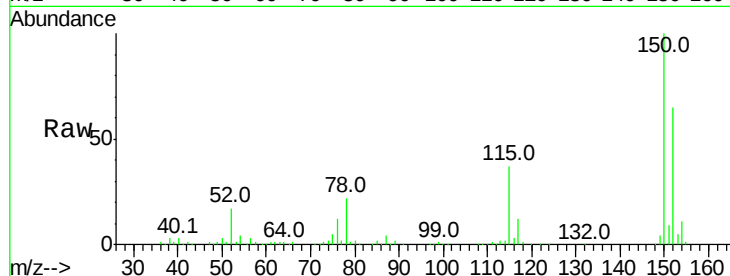
ClientSampleId :

SB-03-COMP

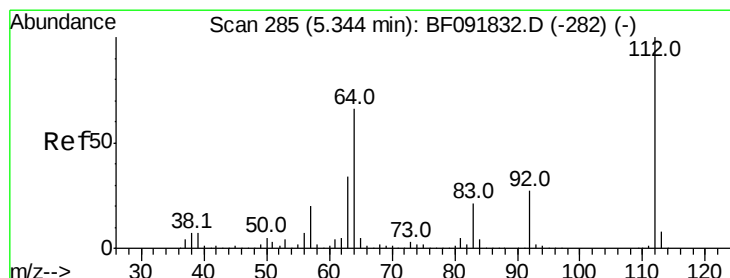
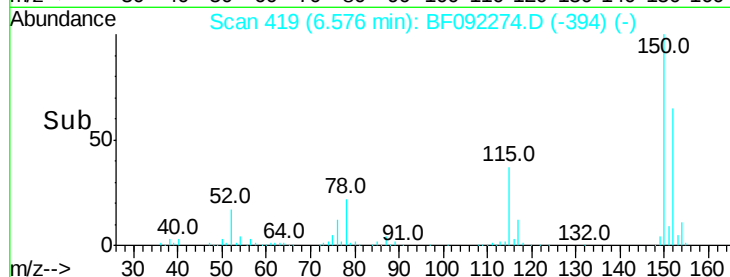
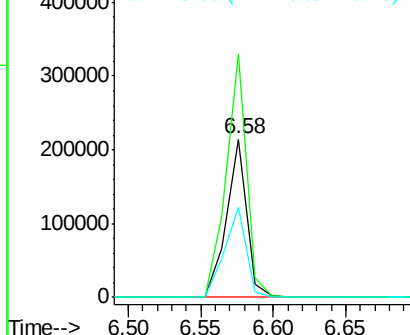
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 206183 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 153.9 | 124.9 | 187.3  |
| 115       | 56.6  | 46.0  | 69.0   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 118.25 ng

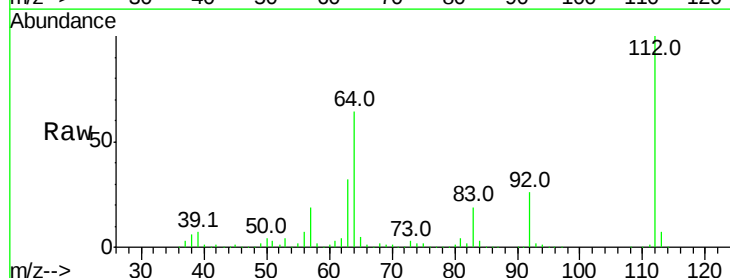
RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

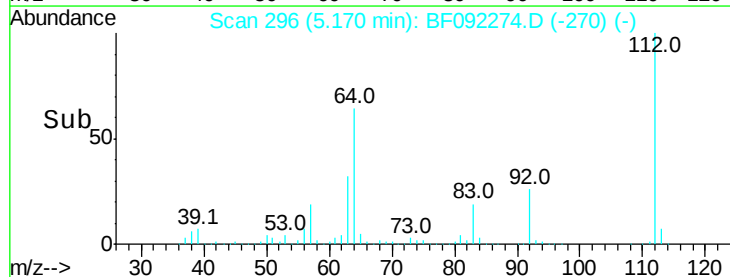
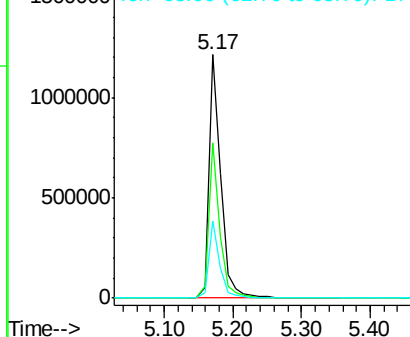
Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 112   | Resp: | 1460201 |
| Ion Ratio | Lower | Upper |         |
| 112       | 100   |       |         |
| 64        | 63.8  | 46.1  | 69.1    |
| 63        | 31.8  | 23.8  | 35.6    |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.21 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

Instrument :

BNA\_F

ClientSampleId :

SB-03-COMP

Tot Ion: 99 Resp: 1767112

Ion Ratio Lower Upper

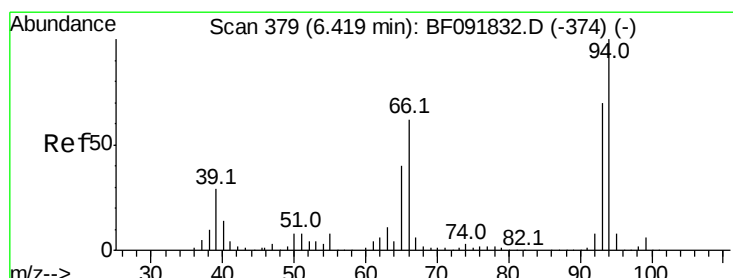
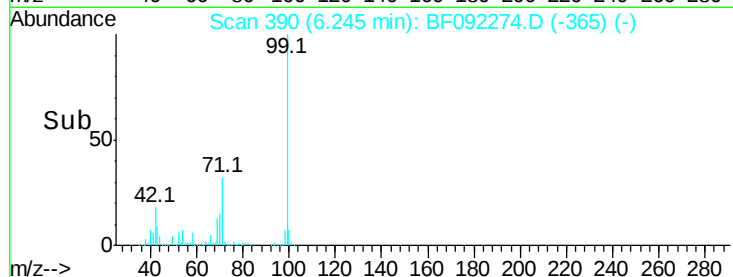
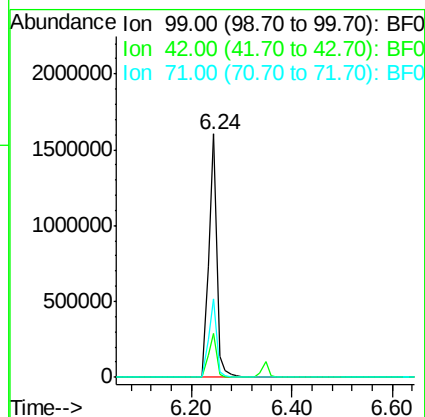
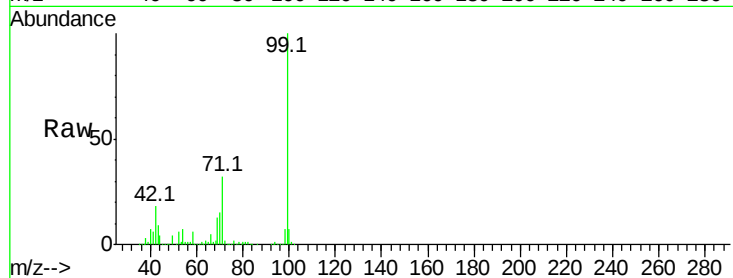
99 100

42 17.9 15.6 23.4

71 32.3 27.5 41.3

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#10

Phenol

Concen: 5.64 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

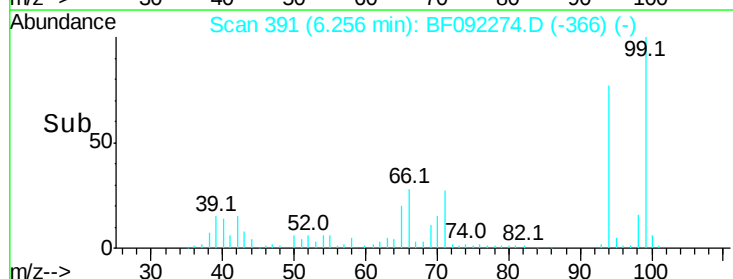
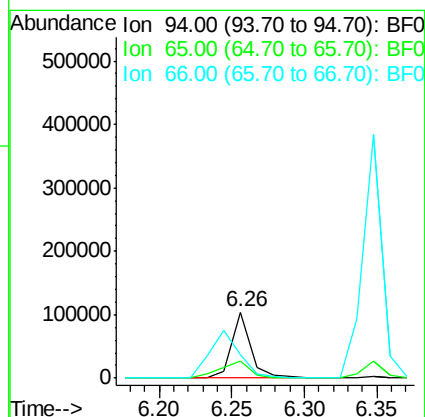
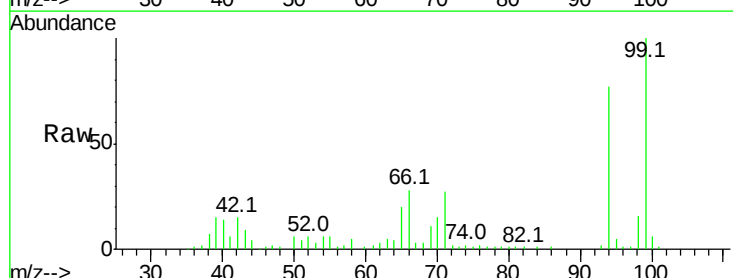
Tgt Ion: 94 Resp: 96953

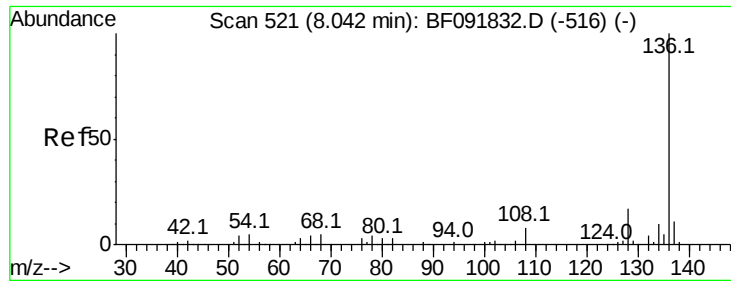
Ion Ratio Lower Upper

94 100

65 25.6 21.4 61.4

66 36.1 44.0 84.0#





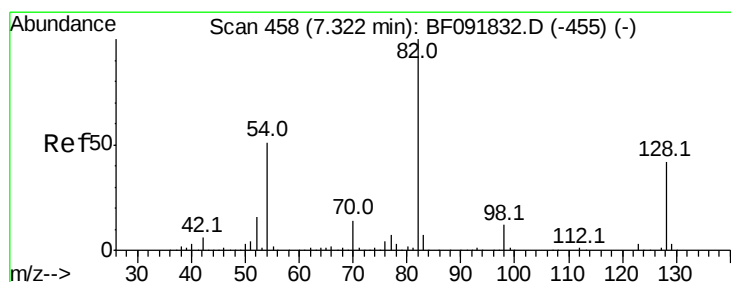
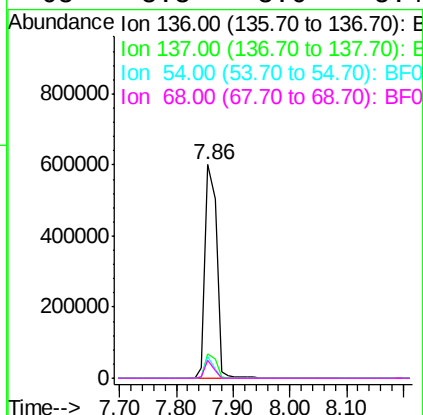
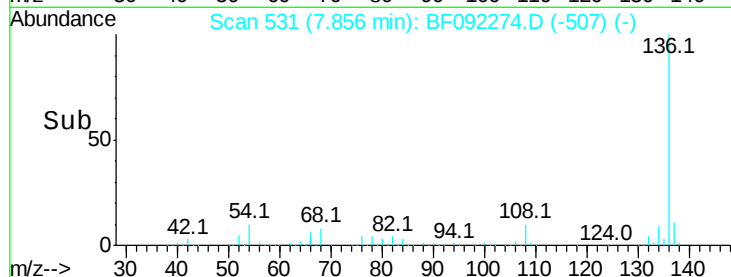
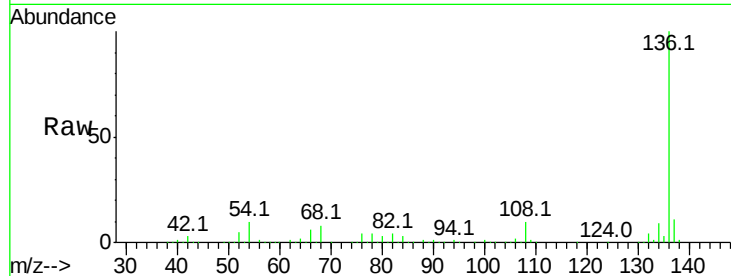
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.86 min Scan# 531  
Delta R.T. -0.02 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMP

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 8.4  | 12.6  |       |
| 54      | 9.9   | 4.5  | 6.7#  |       |
| 68      | 8.3   | 3.6  | 5.4#  |       |

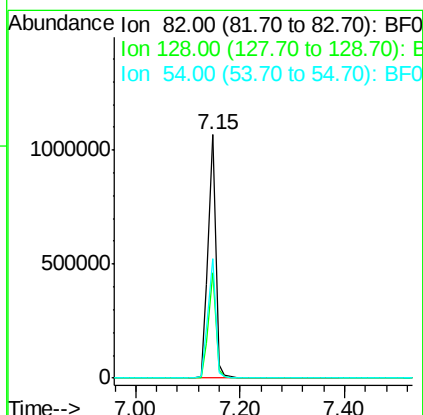
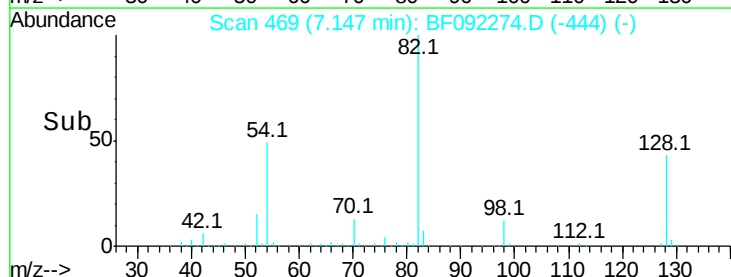
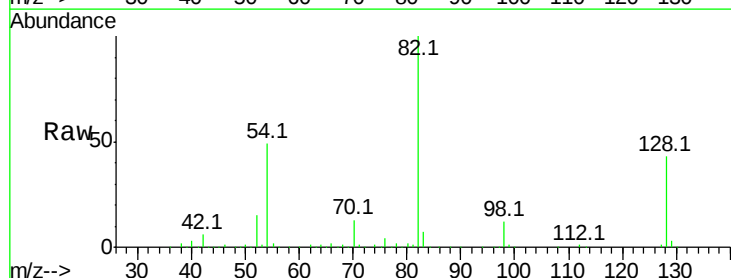
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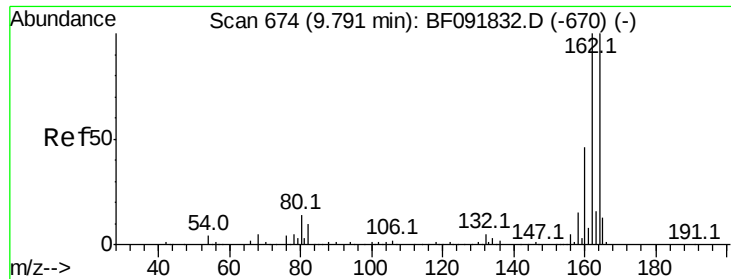
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#23  
Nitrobenzene-d5  
Concen: 74.98 ng  
RT: 7.15 min Scan# 469  
Delta R.T. -0.01 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 43.3  | 34.6 | 52.0  |       |
| 54      | 49.0  | 39.5 | 59.3  |       |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

Instrument :

BNA\_F

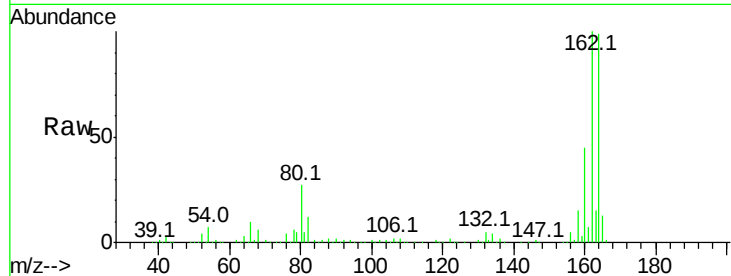
ClientSampleId :

SB-03-COMP

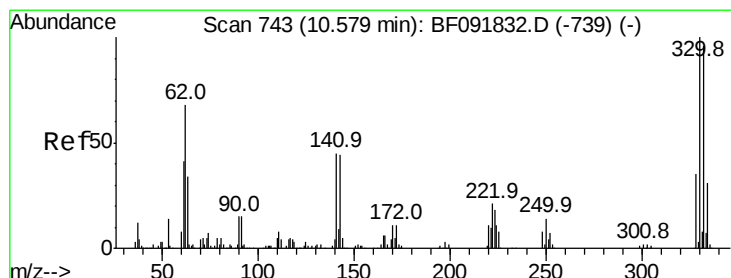
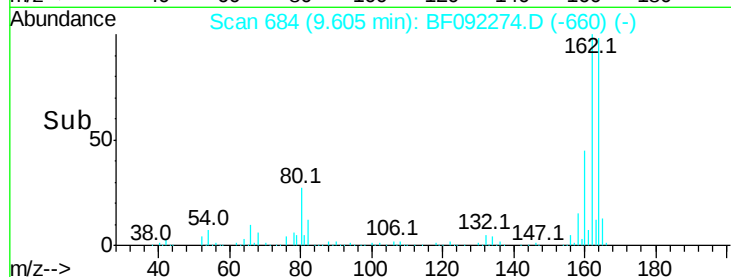
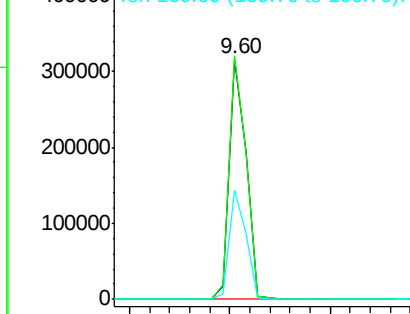
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 367213 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.4 | 80.2  | 120.2  |
| 160       | 45.3  | 36.9  | 55.3   |

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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



#41

2,4,6-Tribromophenol

Concen: 101.02 ng

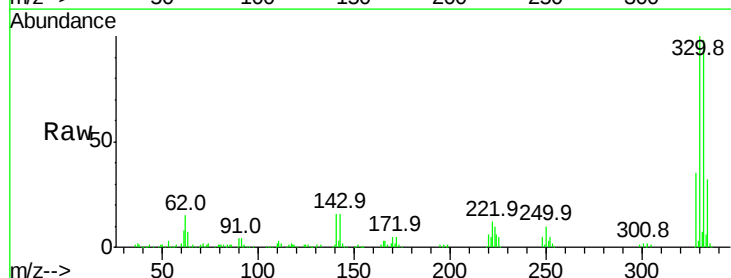
RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

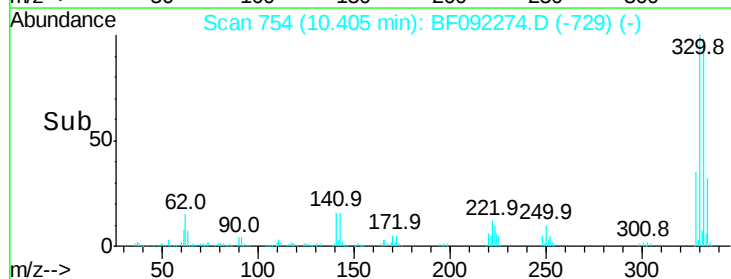
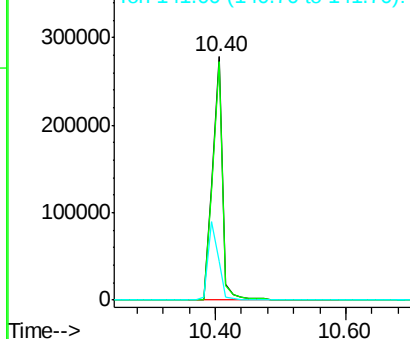
Lab File: BF092274.D

Acq: 14 Jan 2017 10:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 306997 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.3  | 77.4  | 116.2  |
| 141       | 32.6  | 34.1  | 51.1#  |



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





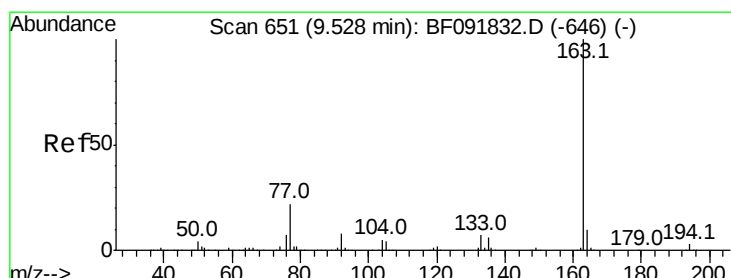
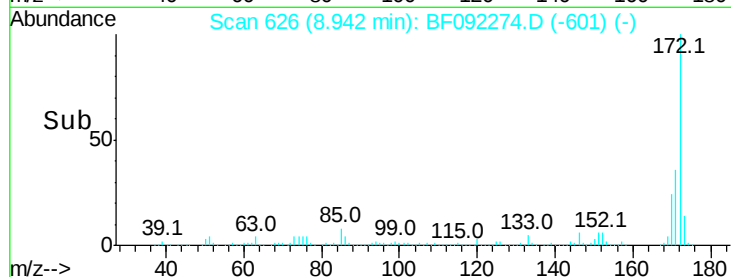
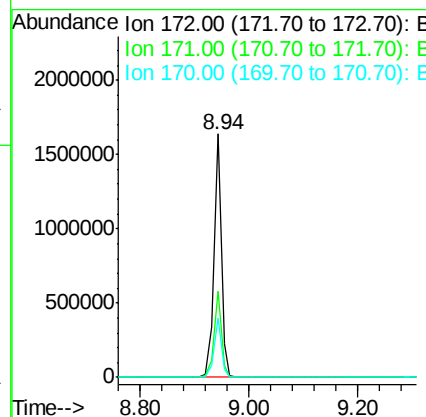
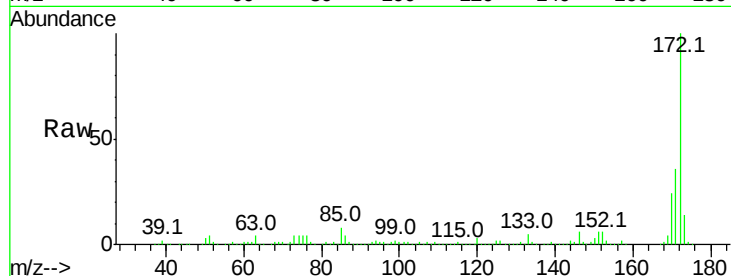
#44  
2-Fluorobiphenyl  
Concen: 87.26 ng  
RT: 8.94 min Scan# 626  
Delta R.T. -0.01 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 29.4  | 44.0  |
| 170     | 24.2  | 20.2  | 30.4  |

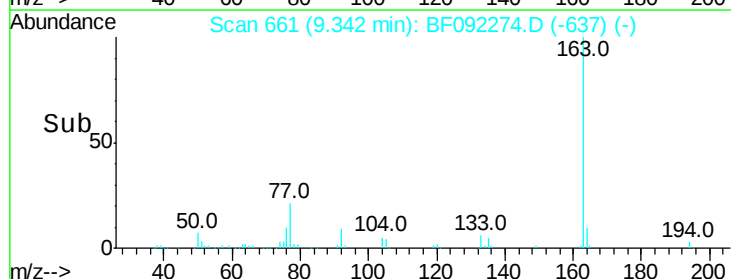
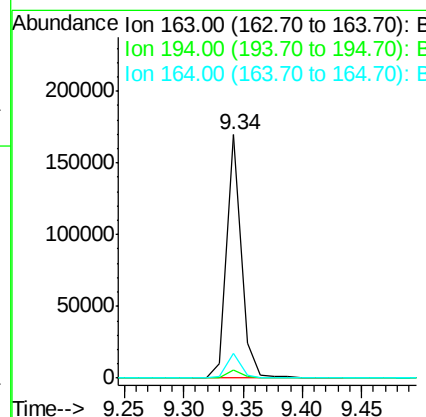
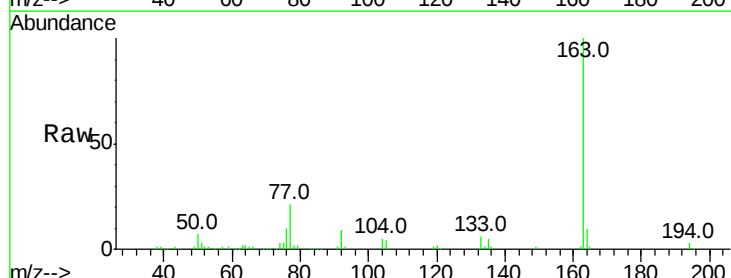
Manual Integrations  
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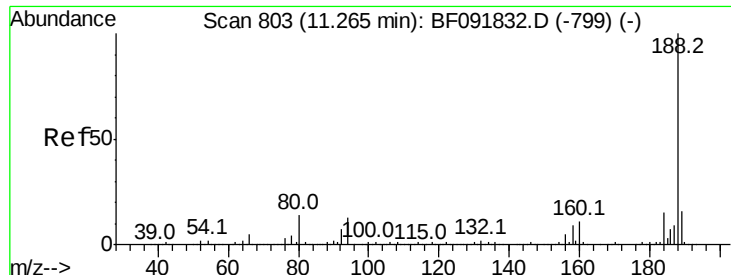
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#49  
Dimethylphthalate  
Concen: 6.10 ng  
RT: 9.34 min Scan# 661  
Delta R.T. -0.02 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.4   | 3.0   | 4.4   |
| 164     | 10.3  | 8.0   | 12.0  |





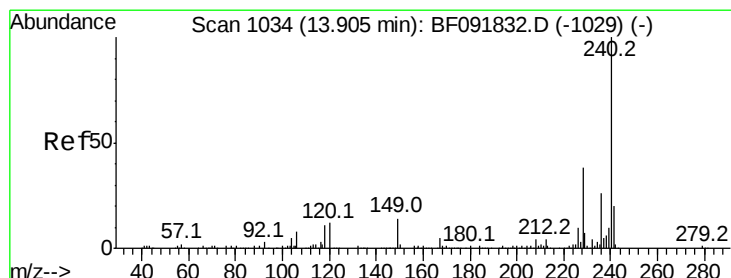
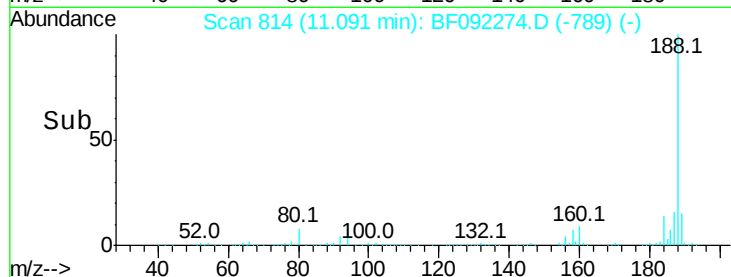
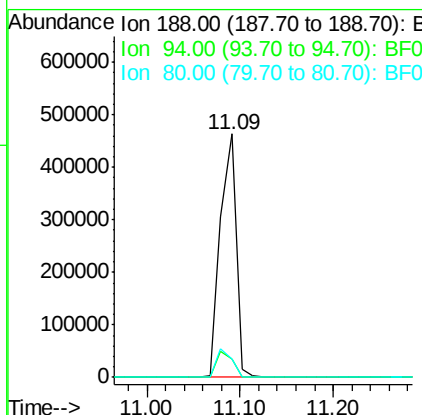
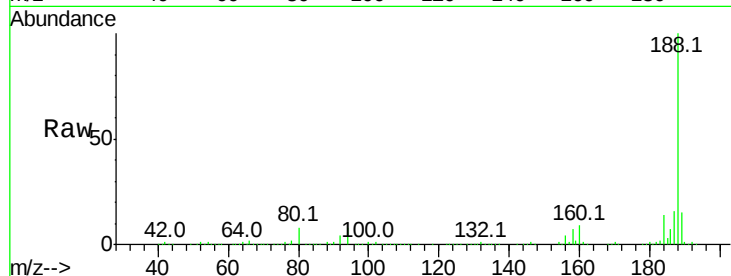
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.09 min Scan# 814  
Delta R.T. -0.01 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMP

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 7.7   | 10.0 | 15.0# |       |
| 80      | 7.7   | 11.2 | 16.8# |       |

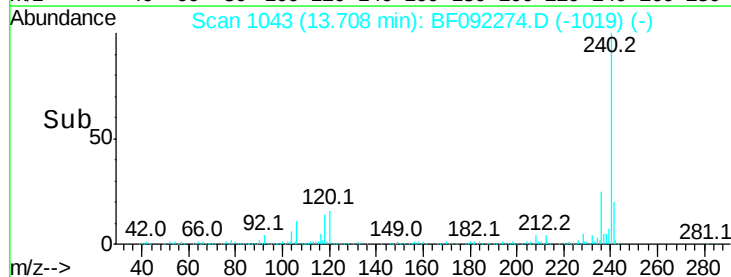
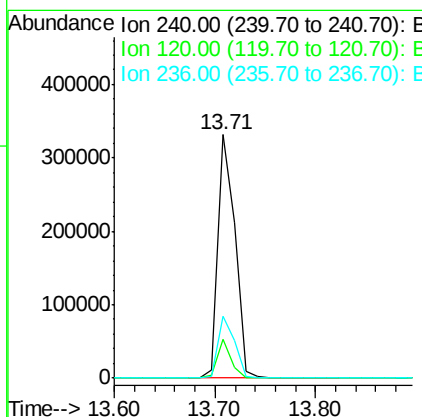
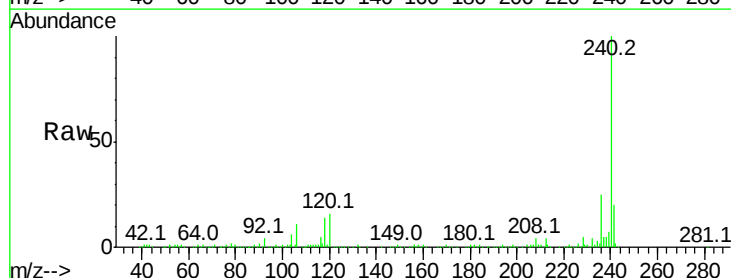
Manual Integrations  
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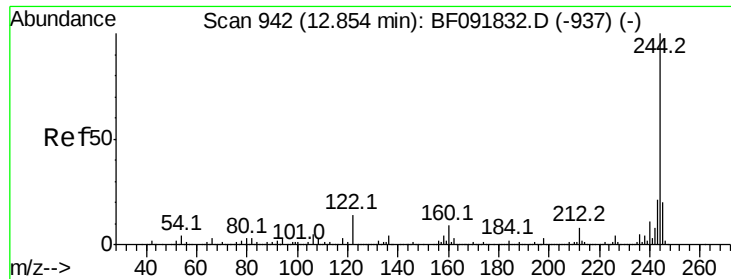
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#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.71 min Scan# 1043  
Delta R.T. -0.02 min  
Lab File: BF092274.D  
Acq: 14 Jan 2017 10:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 16.1  | 12.9 | 19.3  |       |
| 236     | 25.3  | 20.9 | 31.3  |       |





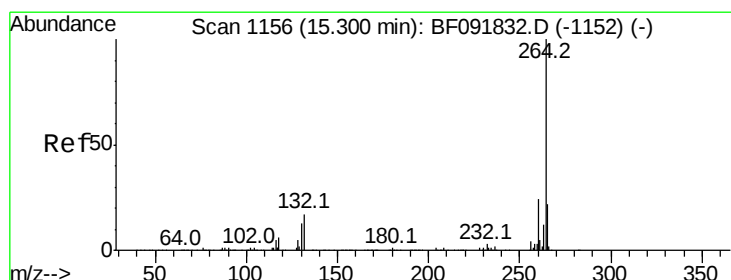
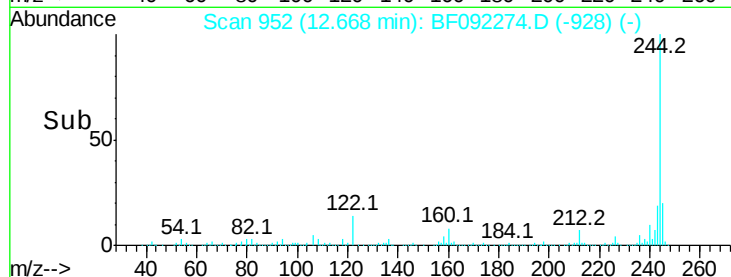
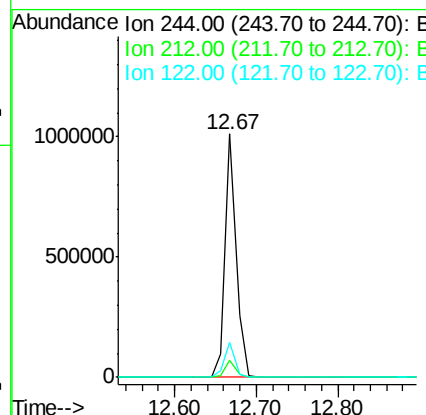
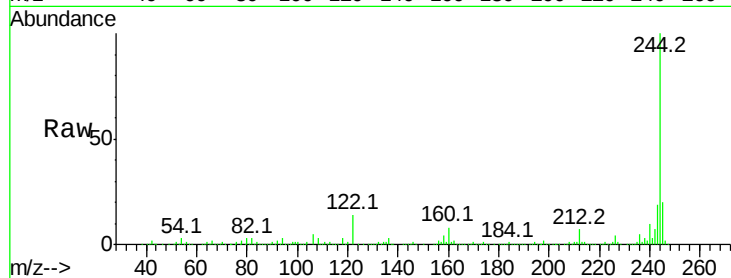
#78  
 Terphenyl-d14  
 Concen: 58.98 ng  
 RT: 12.67 min Scan# 952  
 Delta R.T. -0.02 min  
 Lab File: BF092274.D  
 Acq: 14 Jan 2017 10:06

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-03-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 6.2   | 9.2   |
| 122     | 14.1  | 11.4  | 17.2  |

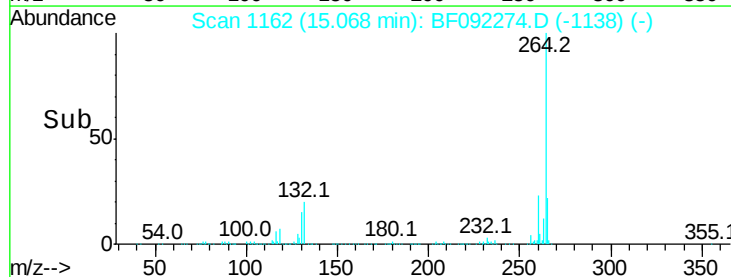
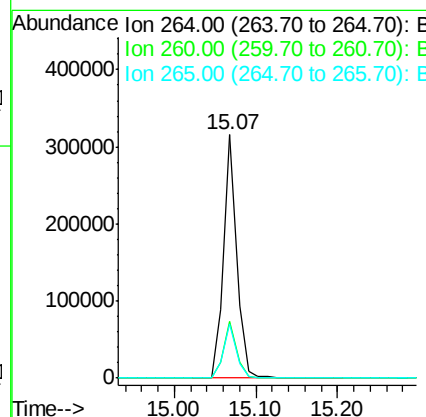
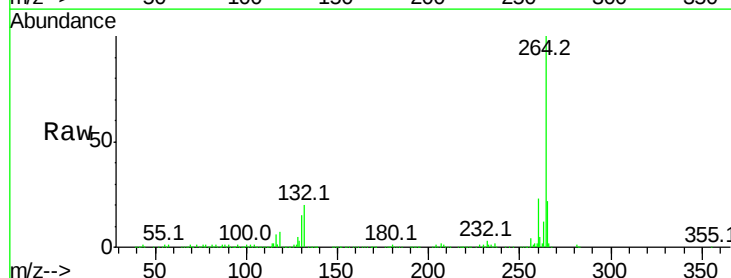
Manual Integrations  
 APPROVED

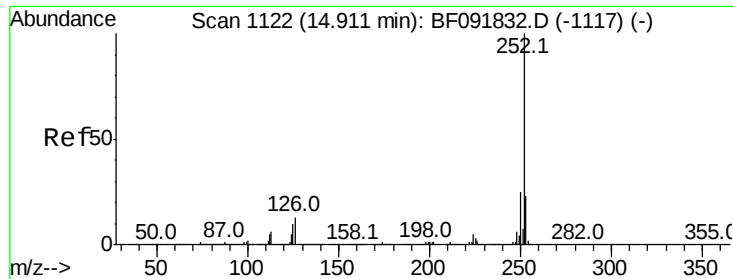
Sohil  
 1/16/2017 8:39:35 AM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.07 min Scan# 1162  
 Delta R.T. -0.02 min  
 Lab File: BF092274.D  
 Acq: 14 Jan 2017 10:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.2  | 28.8  |
| 265     | 22.2  | 17.4  | 26.0  |





#87  
 Benzo(b)fluoranthene  
 Concen: 2.05 ng/ml  
 RT: 14.70 min Scan# 1130  
 Delta R.T. -0.02 min  
 Lab File: BF092274.D  
 Acq: 14 Jan 2017 10:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMP

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 23.8  | 18.2       | 27.4  |
| 125     | 17.0  | 9.8        | 14.6  |

Manual Integrations  
 APPROVED

Sohil  
 1/16/2017 8:39:35 AM

