

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072216\  
 Data File : BF089191.D  
 Acq On : 22 Jul 2016 12:11  
 Operator : UM/SJ  
 Sample : H4074-08  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

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Quant Time: Jul 22 14:36:18 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 19:03:15 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.59  | 152  | 48738    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.87  | 136  | 213417   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.62  | 164  | 89712    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.10 | 188  | 141529   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.73 | 240  | 86981    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.07 | 264  | 112957   | 20.00 | ng    | 0.00     |

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## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.18  | 112 | 309253 | 96.50  | ng | -0.01 |
| 7) Phenol-d6             | 6.25  | 99  | 431676 | 104.46 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.16  | 82  | 268837 | 66.93  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.41 | 330 | 63948  | 79.17  | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 8.95  | 172 | 347122 | 53.31  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.67 | 244 | 190523 | 47.51  | ng | -0.01 |

7/25/2016 6:41:17 PM

## Target Compounds

|                                |       |     |          |        |    | Qvalue |
|--------------------------------|-------|-----|----------|--------|----|--------|
| 31) Naphthalene                | 7.90  | 128 | 85617    | 7.43   | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.58  | 142 | 29884    | 4.07   | ng | 96     |
| 48) Acenaphthylene             | 9.47  | 152 | 55717    | 5.77   | ng | 97     |
| 49) Dimethylphthalate          | 9.35  | 163 | 159672   | 23.19  | ng | 97     |
| 51) Acenaphthene               | 9.66  | 154 | 136523   | 23.91  | ng | 99     |
| 54) Dibenzofuran               | 9.83  | 168 | 99964    | 12.96  | ng | 92     |
| 57) Fluorene                   | 10.16 | 166 | 115825   | 17.69  | ng | 98     |
| 70) Phenanthrene               | 11.13 | 178 | 1595291m | 205.48 | ng |        |
| 71) Anthracene                 | 11.18 | 178 | 416677m  | 51.63  | ng |        |
| 72) Carbazole                  | 11.34 | 167 | 105900   | 14.94  | ng | 99     |
| 74) Fluoranthene               | 12.32 | 202 | 1838772  | 225.32 | ng | 99     |
| 77) Pyrene                     | 12.55 | 202 | 1817625  | 253.03 | ng | 98     |
| 79) Butylbenzylphthalate       | 13.15 | 149 | 20431    | 6.72   | ng | 92     |
| 80) Benzo(a)anthracene         | 13.73 | 228 | 919296   | 165.94 | ng | 98     |
| 82) Chrysene                   | 13.76 | 228 | 717201   | 135.54 | ng | 96     |
| 83) Bis(2-ethylhexyl)phthalate | 13.73 | 149 | 20571m   | 5.10   | ng |        |
| 85) Indeno(1,2,3-cd)pyrene     | 16.32 | 276 | 455058   | 118.40 | ng | 96     |
| 87) Benzo(b)fluoranthene       | 14.73 | 252 | 860353m  | 105.16 | ng |        |
| 88) Benzo(k)fluoranthene       | 14.73 | 252 | 443538m  | 75.81  | ng |        |
| 89) Benzo(a)pyrene             | 15.04 | 252 | 765321   | 120.50 | ng | 96     |
| 90) Dibenzo(a,h)anthracene     | 16.32 | 278 | 101990   | 20.34  | ng | # 81   |
| 91) Benzo(g,h,i)perylene       | 16.69 | 276 | 420196   | 83.11  | ng | 95     |

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

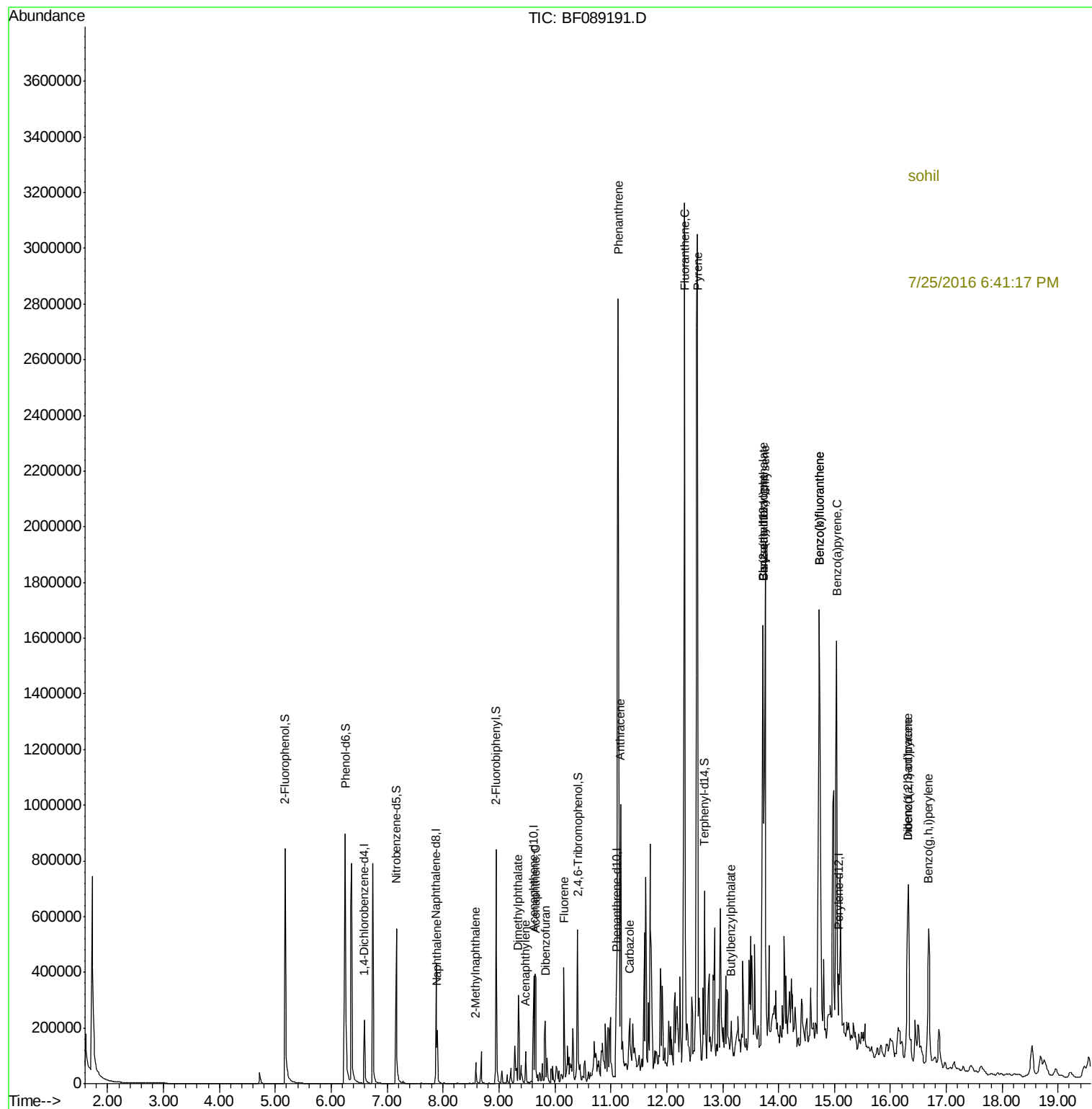
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072216\  
Data File : BF089191.D  
Acq On : 22 Jul 2016 12:11  
Operator : UM/SJ  
Sample : H4074-08  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

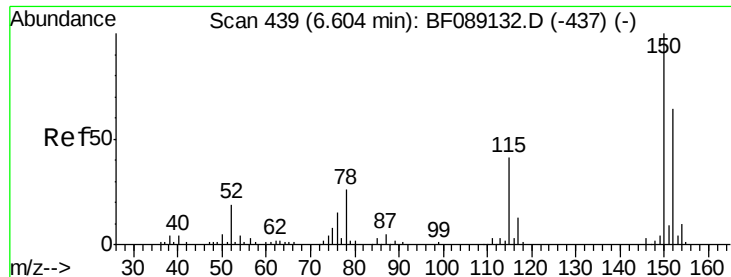
Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

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Quant Time: Jul 22 14:36:18 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 20 19:03:15 2016  
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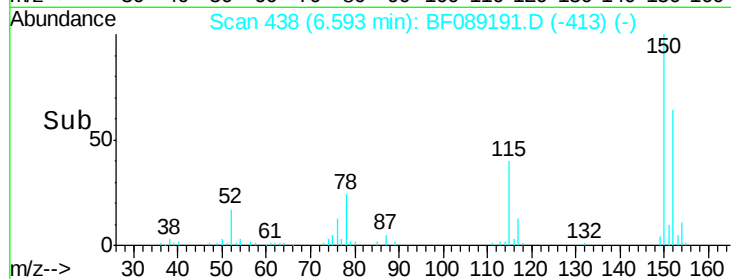
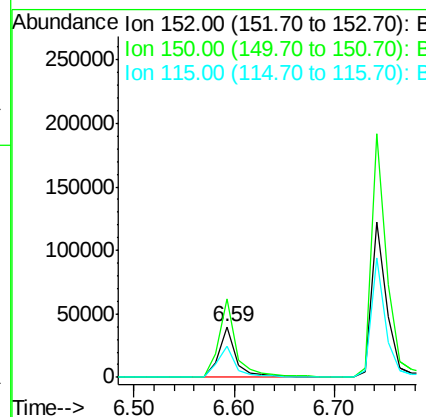
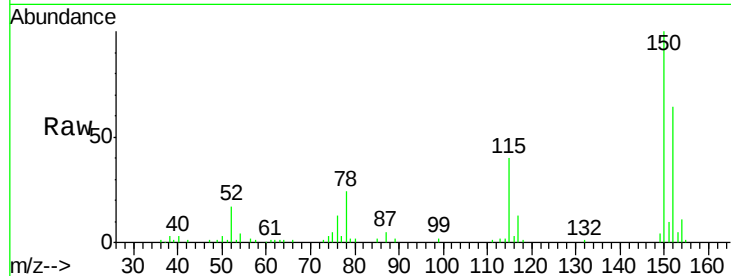
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.59 min Scan# 438  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 125.1 | 187.7 |
| 115     | 61.6  | 51.1  | 76.7  |

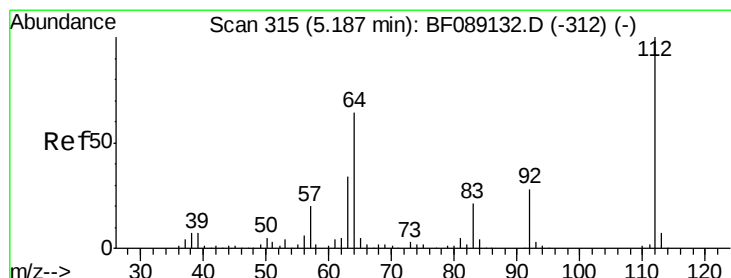
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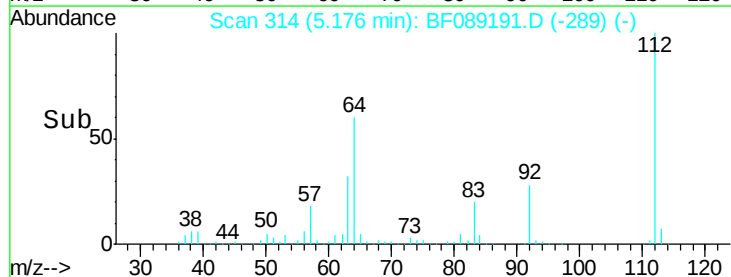
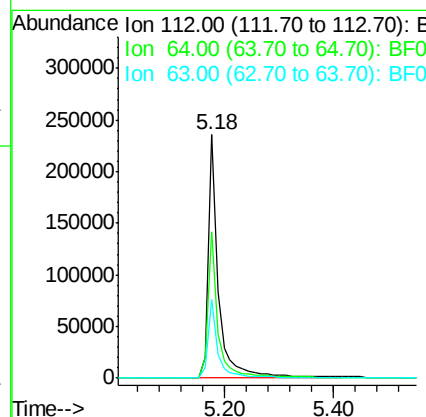
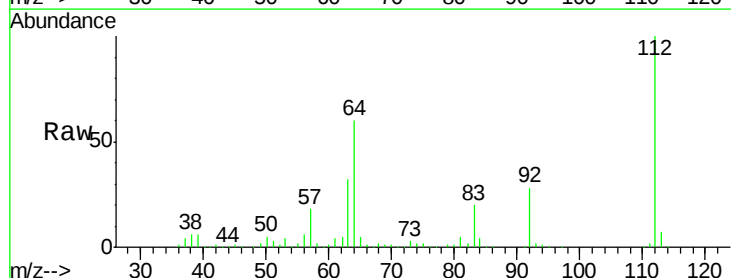
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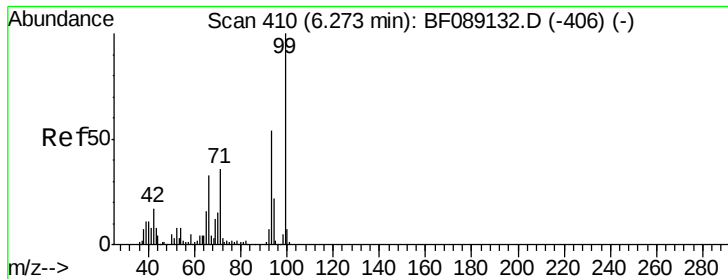
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#5  
 2-Fluorophenol  
 Concen: 96.50 ng  
 RT: 5.18 min Scan# 314  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 59.9  | 51.0  | 76.4  |
| 63      | 32.2  | 27.3  | 40.9  |





#7

Phenol-d6

Concen: 104.46 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089191.D

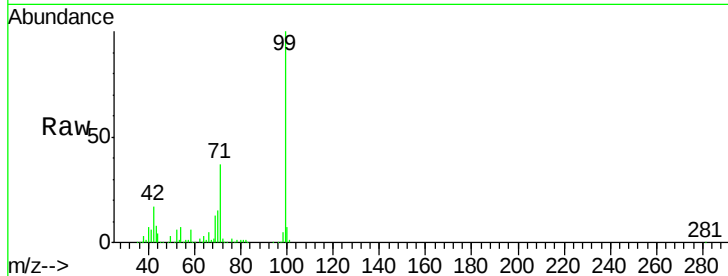
Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

ClientSampleId :

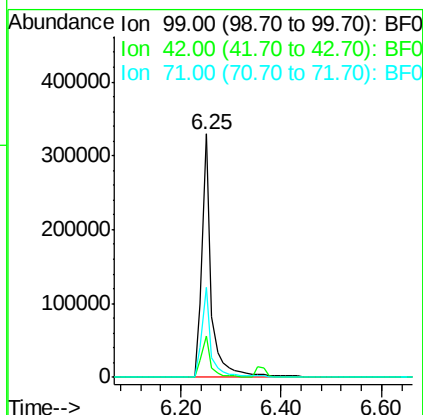
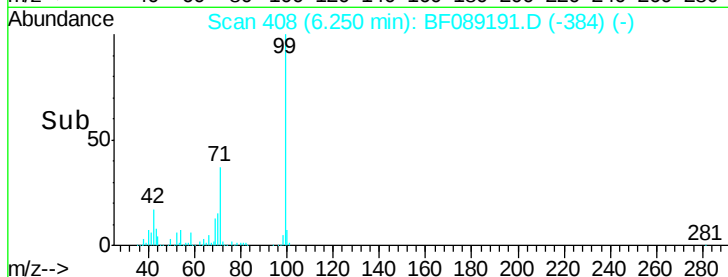
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 431676 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.1  | 13.5  | 20.3   |
| 71        | 37.2  | 28.9  | 43.3   |

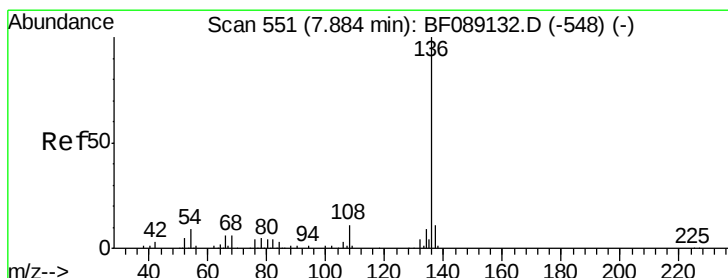
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#21

Naphthalene-d8

Concen: 20.00 ng

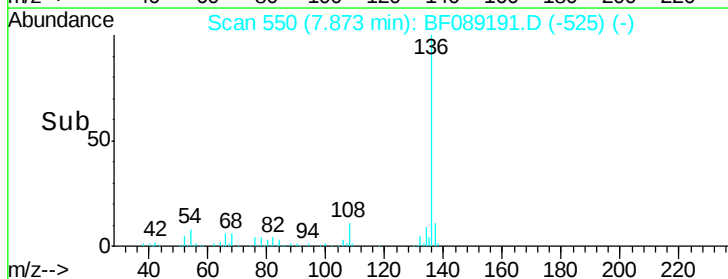
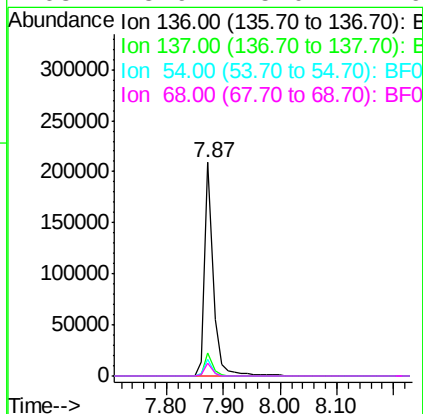
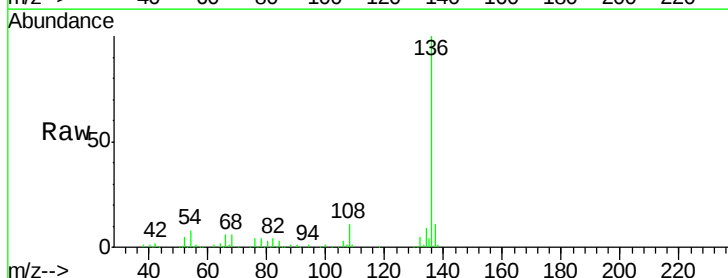
RT: 7.87 min Scan# 550

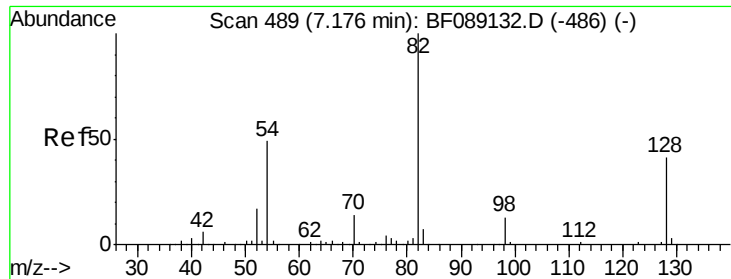
Delta R.T. -0.01 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 213417 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.8   | 13.2   |
| 54        | 8.0   | 7.0   | 10.4   |
| 68        | 5.9   | 5.0   | 7.6    |





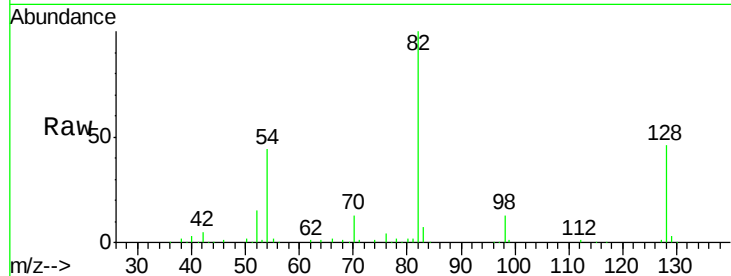
#23  
Nitrobenzene-d5  
Concen: 66.93 ng  
RT: 7.16 min Scan# 488  
Delta R.T. -0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SB-10-COMP

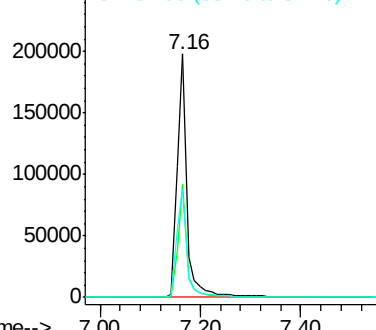
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 268837 |       |       |
| 128     | 46.4  | 33.0   | 49.6  |       |
| 54      | 44.1  | 39.0   | 58.4  |       |

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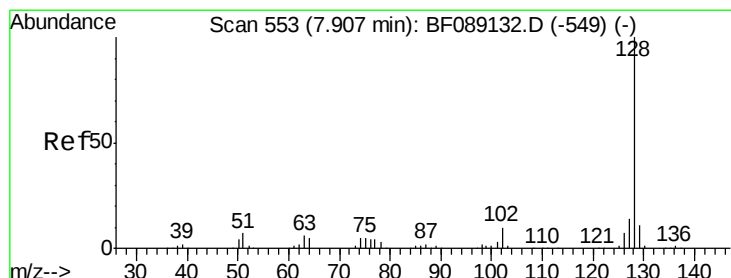
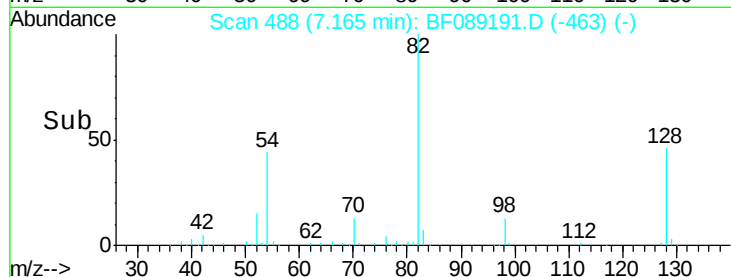


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0



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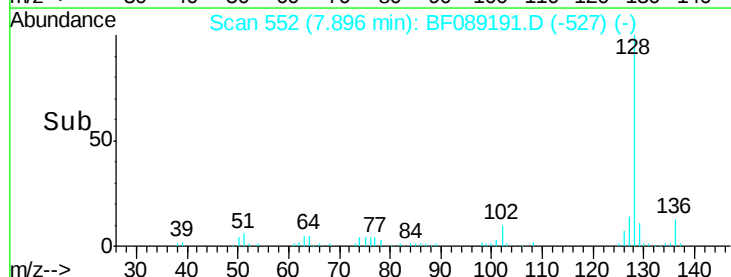
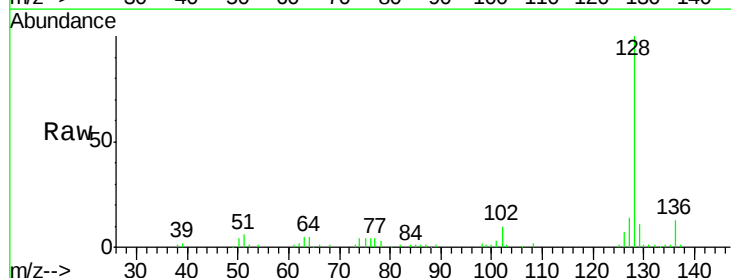
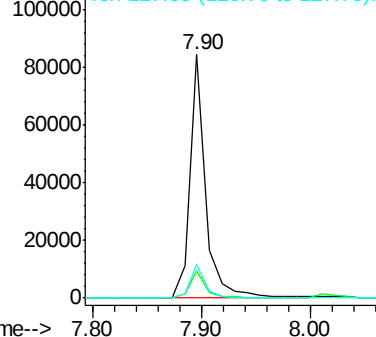
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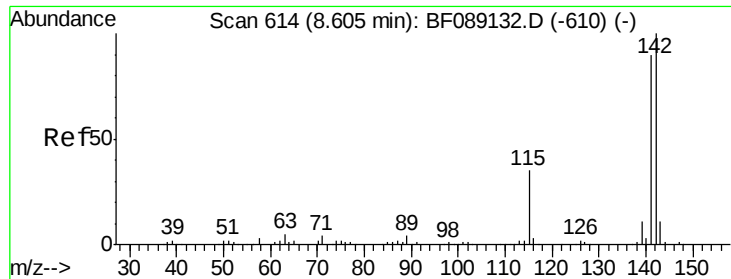


#31  
Naphthalene  
Concen: 7.43 ng  
RT: 7.90 min Scan# 552  
Delta R.T. -0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 85617 |       |       |
| 129     | 11.1  | 8.9   | 13.3  |       |
| 127     | 13.8  | 10.8  | 16.2  |       |

Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E





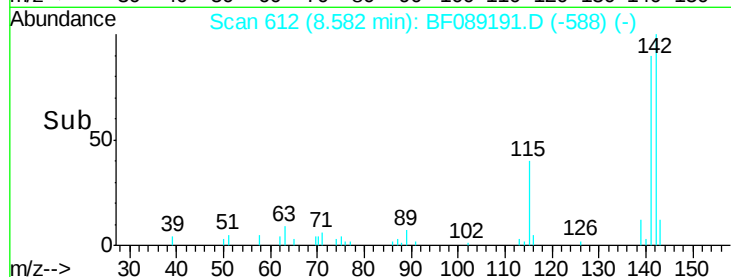
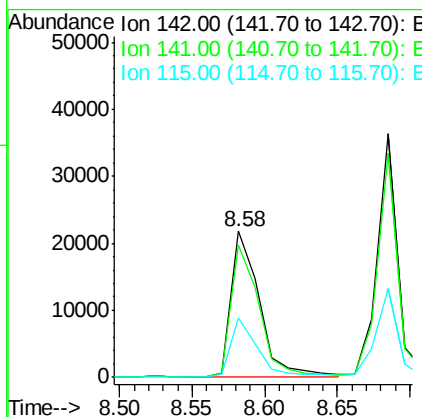
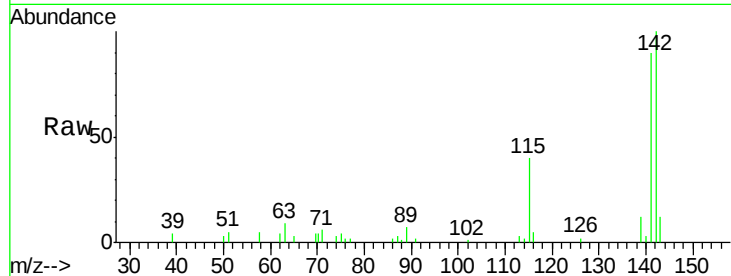
#37  
 2-Methylnaphthalene  
 Concen: 4.07 ng  
 RT: 8.58 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SB-10-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 71.6  | 107.4 |
| 115     | 40.4  | 27.6  | 41.4  |

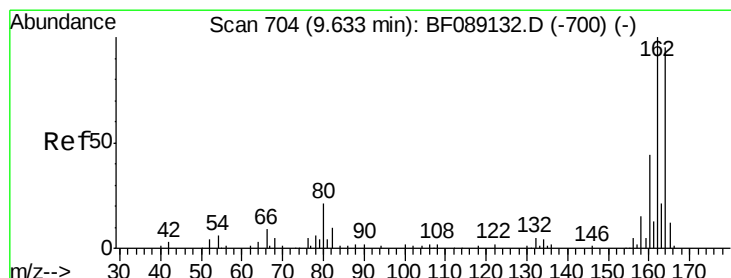
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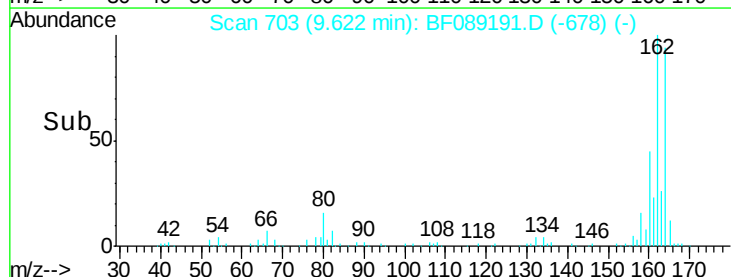
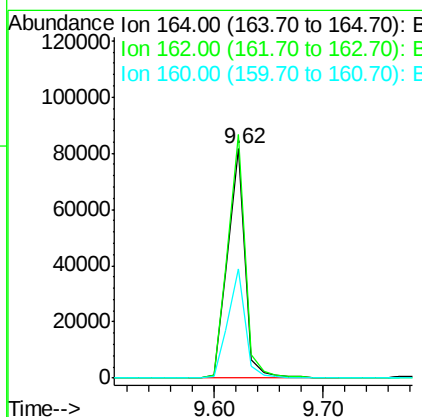
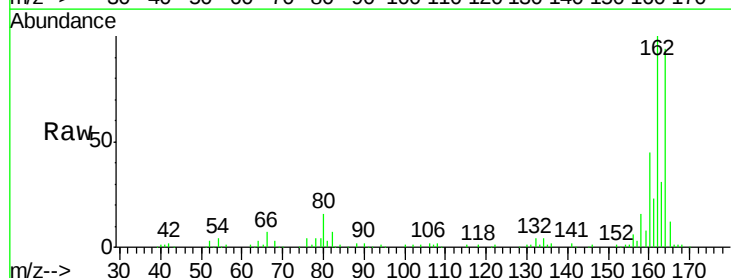
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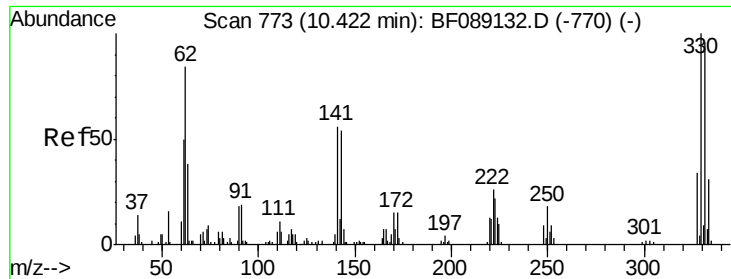
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.62 min Scan# 703  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

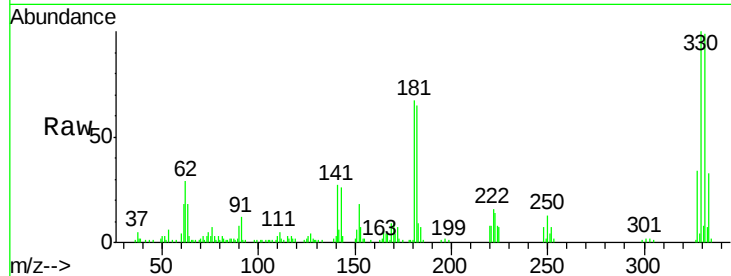
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.2 | 84.1  | 126.1 |
| 160     | 47.6  | 37.1  | 55.7  |





#41  
 2,4,6-Tribromophenol  
 Concen: 79.17 ng  
 RT: 10.41 min Scan# 772  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

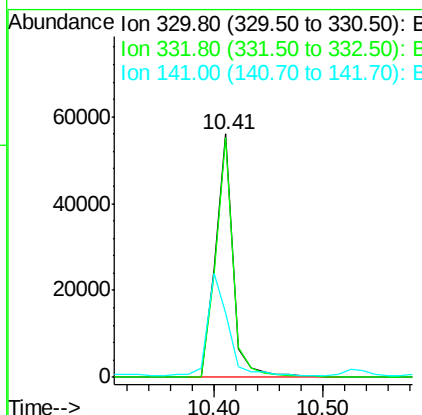
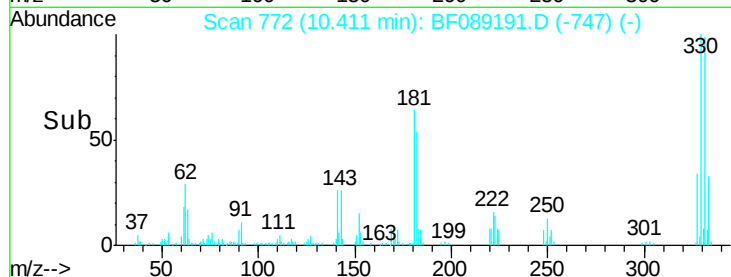
Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-10-COMP



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.6  | 77.2  | 115.8 |
| 141     | 50.3  | 42.2  | 63.2  |

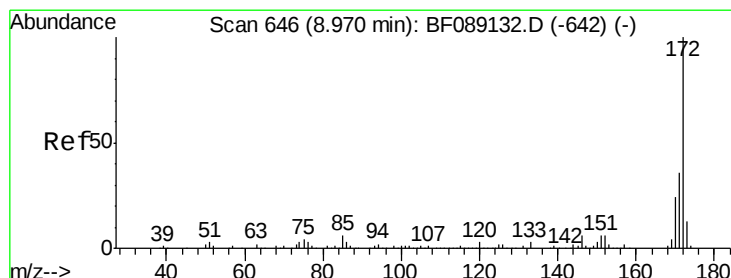
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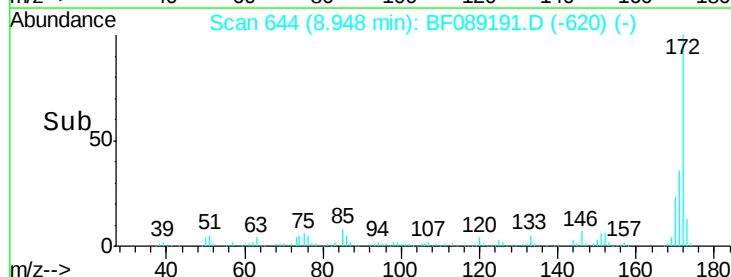
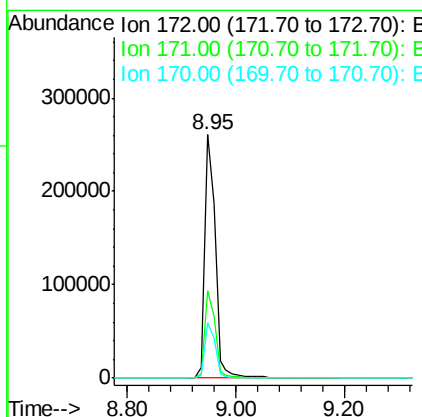
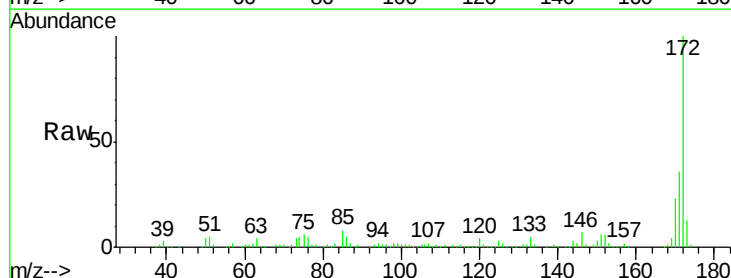
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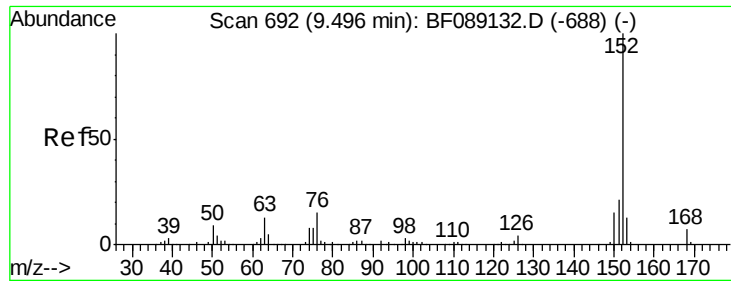
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#44  
 2-Fluorobiphenyl  
 Concen: 53.31 ng  
 RT: 8.95 min Scan# 644  
 Delta R.T. -0.02 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.2  | 43.8  |
| 170     | 23.0  | 19.1  | 28.7  |





#48

Acenaphthylene

Concen: 5.77 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

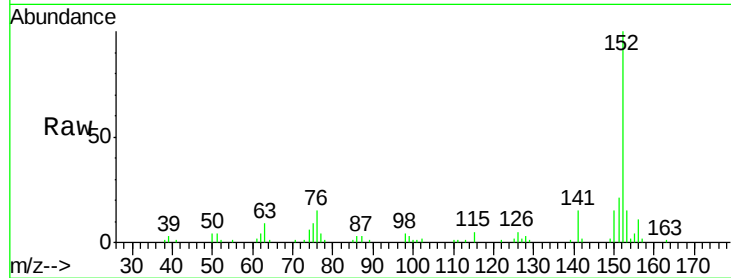
ClientSampleId :

SB-10-COMP

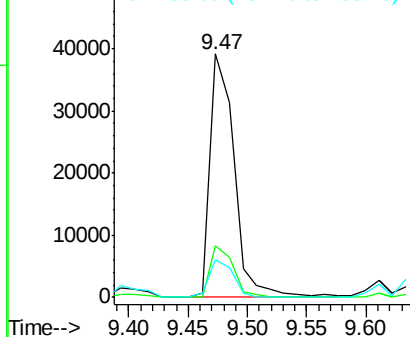
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 55717 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 21.1  | 16.5  | 24.7  |
| 153       | 15.5  | 10.7  | 16.1  |

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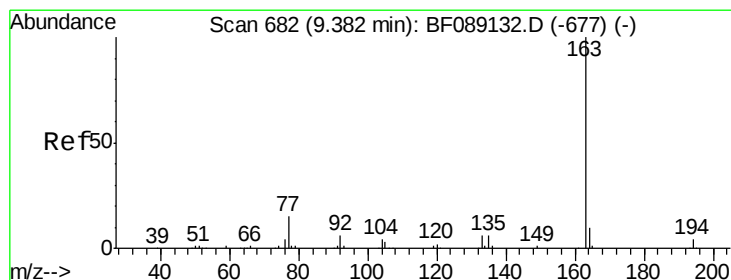
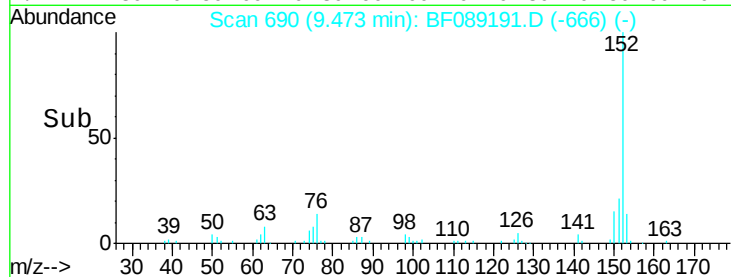


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 23.19 ng

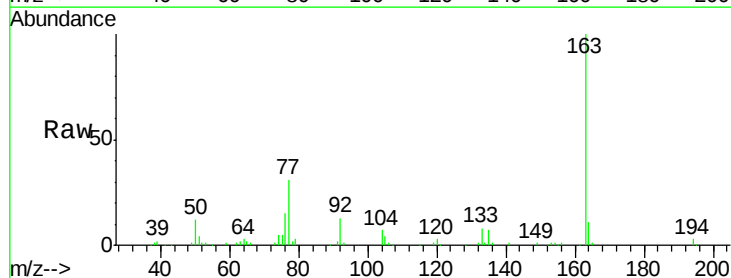
RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

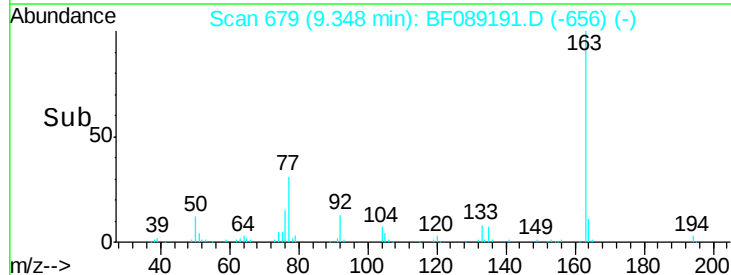
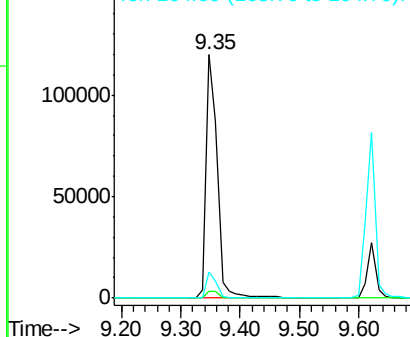
Lab File: BF089191.D

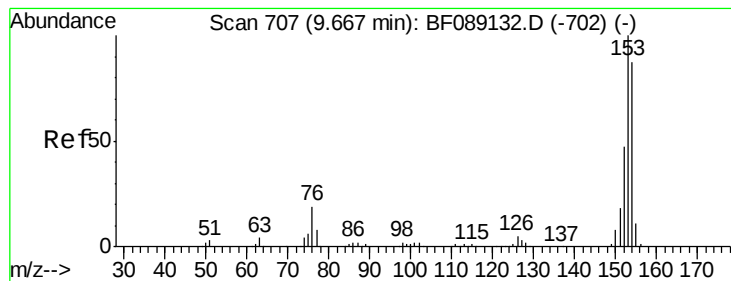
Acq: 22 Jul 2016 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 159672 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 2.9   | 2.9   | 4.3    |
| 164       | 10.6  | 7.6   | 11.4   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 23.91 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

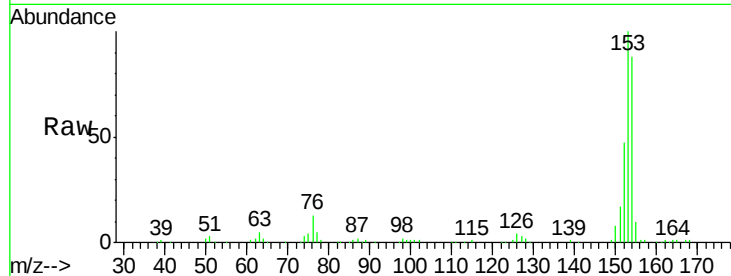
ClientSampleId :

SB-10-COMP

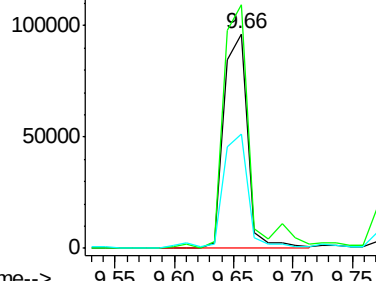
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 136523 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 91.9  | 137.9  |
| 152       | 53.0  | 42.8  | 64.2   |

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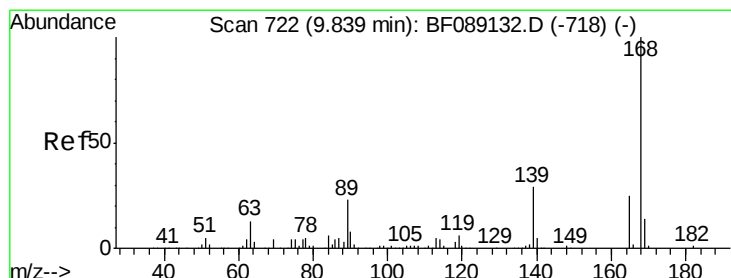
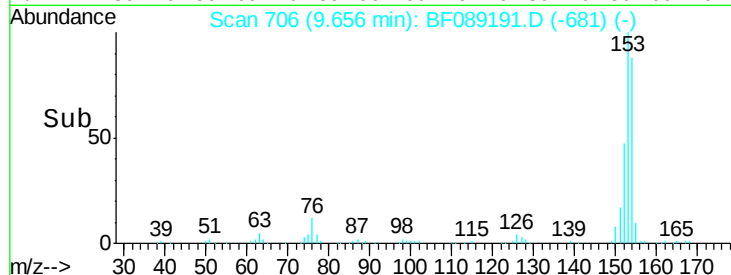


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



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#54

Dibenzofuran

Concen: 12.96 ng

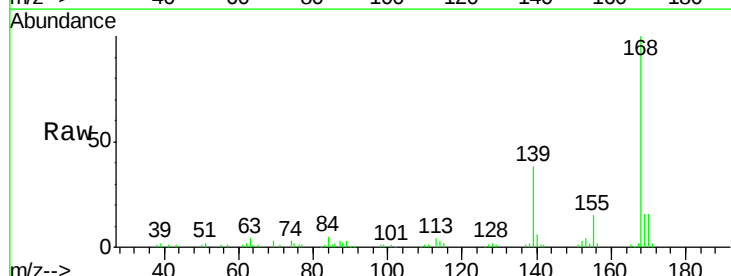
RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

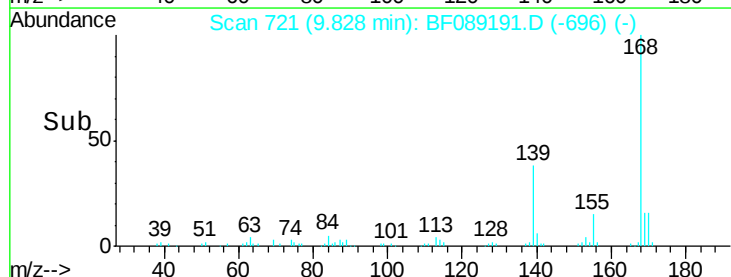
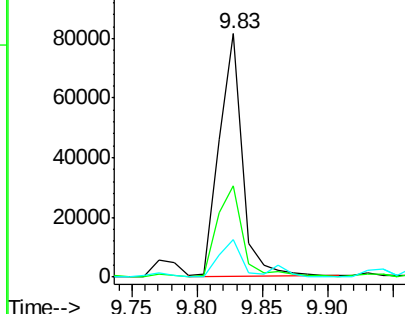
Lab File: BF089191.D

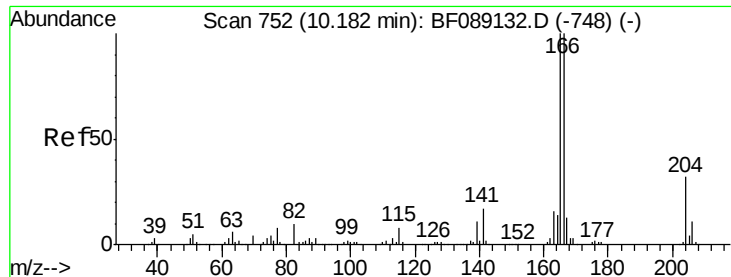
Acq: 22 Jul 2016 12:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 99964 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 37.7  | 34.4  | 51.6  |
| 169       | 15.5  | 10.8  | 16.2  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





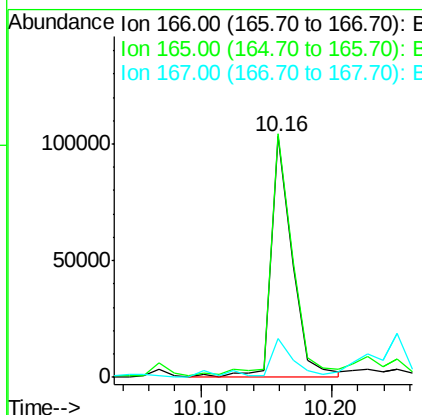
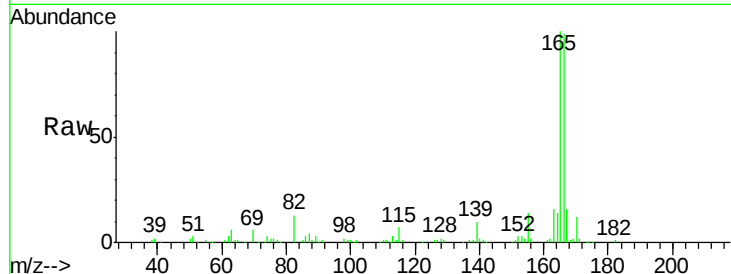
#57  
**Fluorene**  
 Concen: 17.69 ng  
 RT: 10.16 min Scan# 750  
 Delta R.T. -0.02 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 115825 |       |       |
| 165     | 101.1 | 79.9   | 119.9 |       |
| 167     | 15.9  | 10.7   | 16.1  |       |

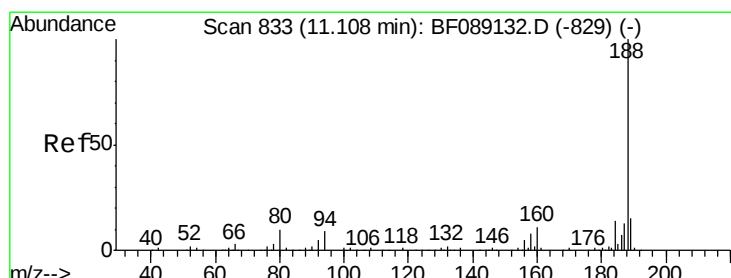
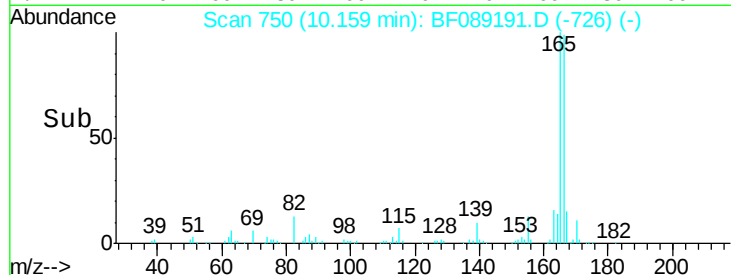
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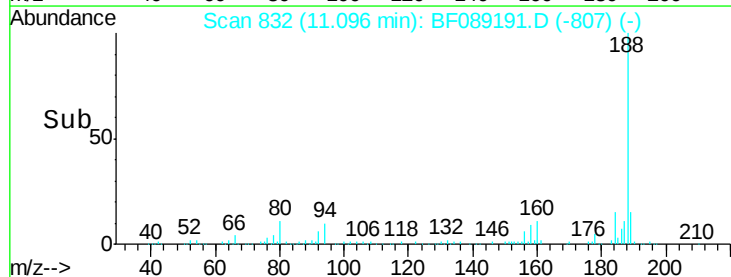
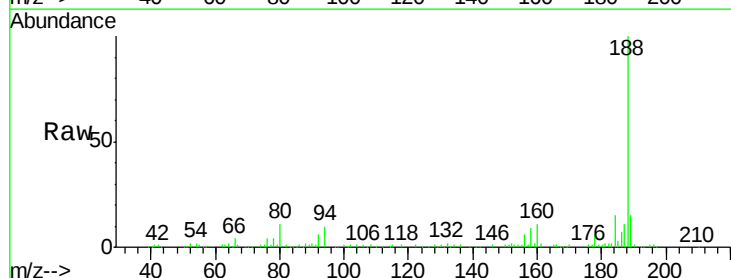
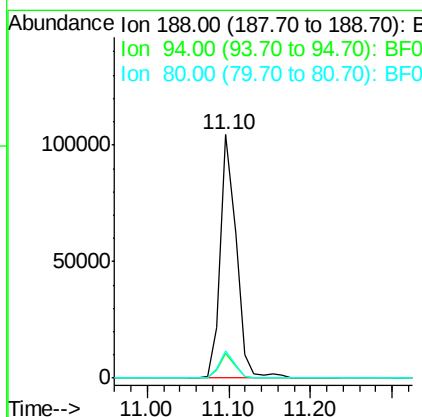
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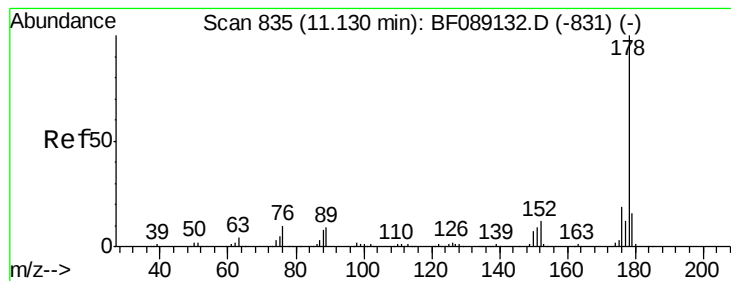
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#63  
**Phenanthrene-d10**  
 Concen: 20.00 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 141529 |       |       |
| 94      | 10.2  | 7.0    | 10.4  |       |
| 80      | 11.4  | 7.7    | 11.5  |       |





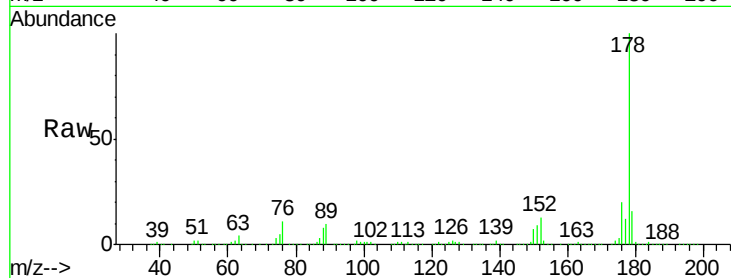
#70  
Phenanthrene  
Concen: 205.48 ng m  
RT: 11.13 min Scan# 835  
Delta R.T. 0.00 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

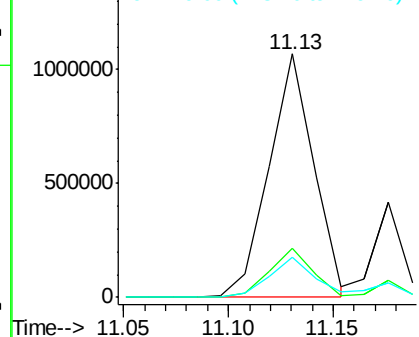
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.6  | 23.4  |
| 179     | 16.4  | 12.4  | 18.6  |

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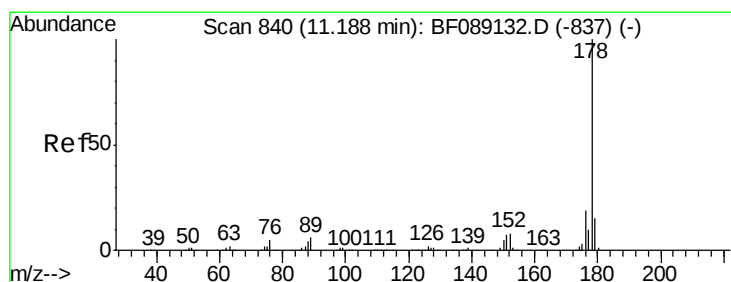
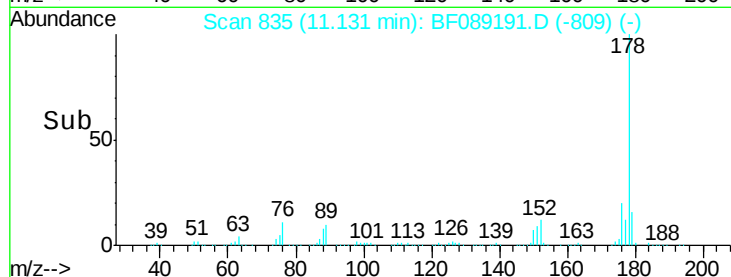


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



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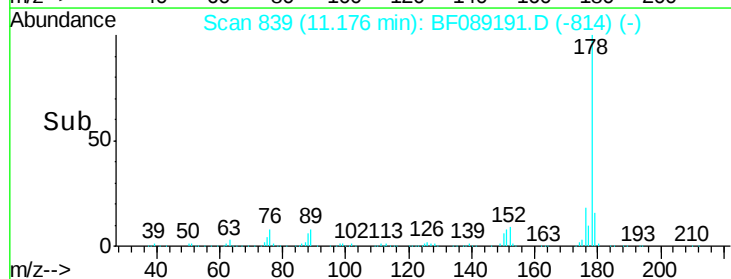
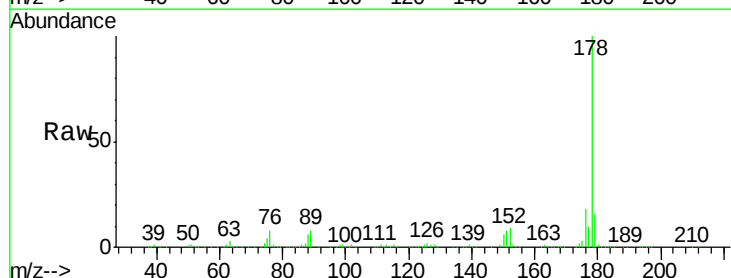
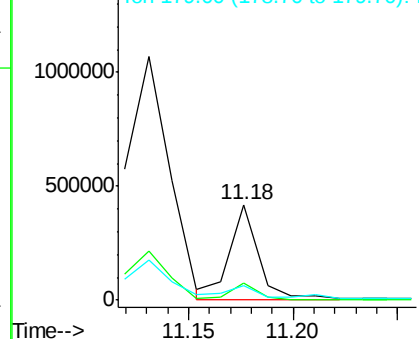
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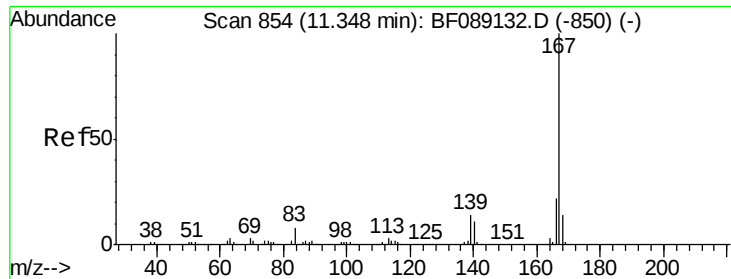


#71  
Anthracene  
Concen: 51.63 ng m  
RT: 11.18 min Scan# 839  
Delta R.T. -0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 14.9  | 22.3  |
| 179     | 15.8  | 12.0  | 18.0  |

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





#72

Carbazole

Concen: 14.94 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

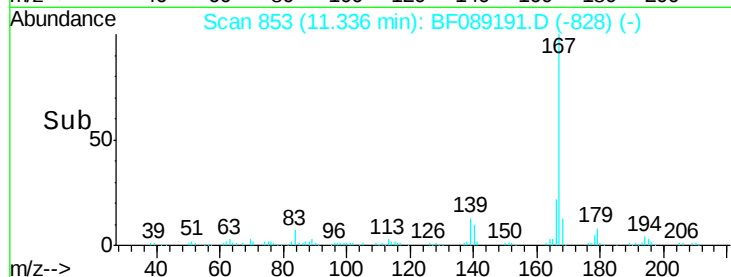
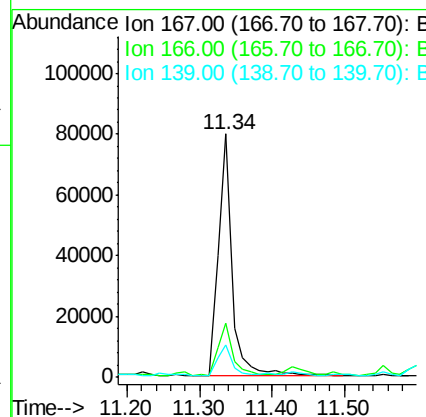
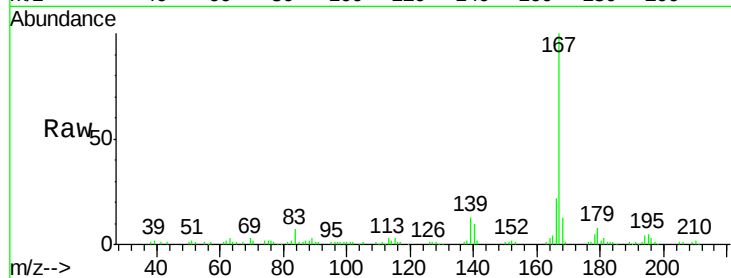
ClientSampleId :

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 105900 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.3  | 17.7  | 26.5   |
| 139       | 13.2  | 11.0  | 16.4   |

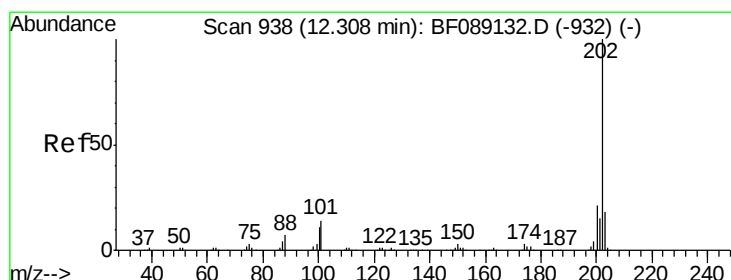
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#74

Fluoranthene

Concen: 225.32 ng

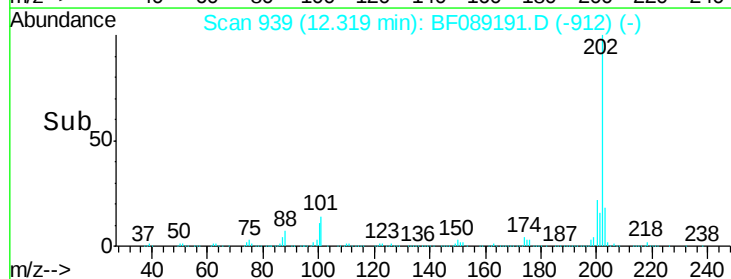
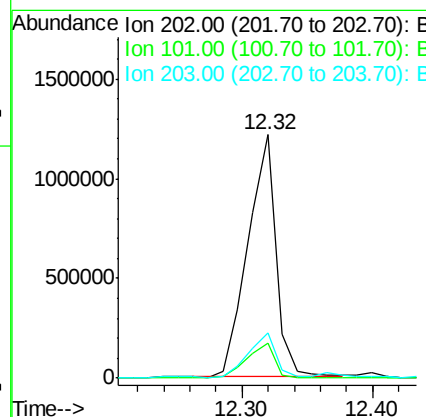
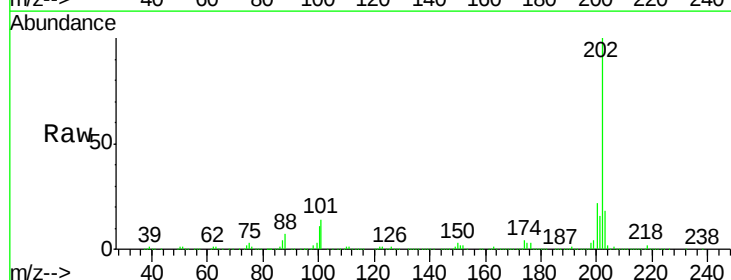
RT: 12.32 min Scan# 939

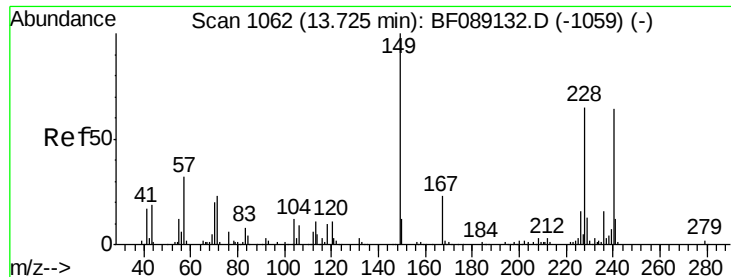
Delta R.T. 0.01 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1838772 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 14.4  | 0.0   | 34.0    |
| 203       | 18.5  | 0.0   | 37.8    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

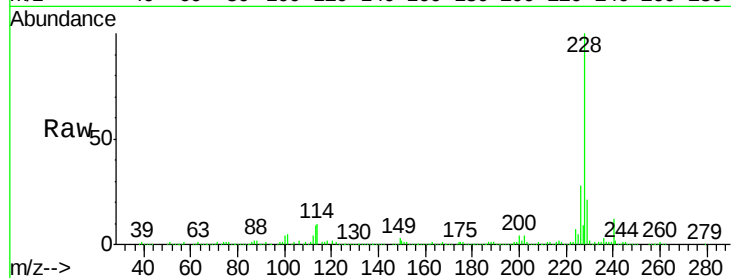
ClientSampleId :

SB-10-COMP

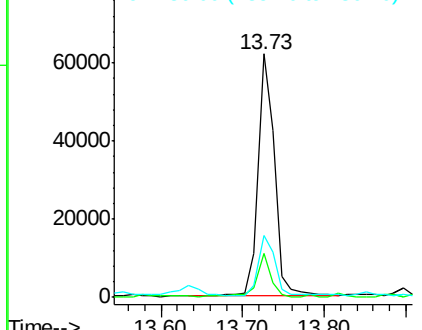
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 86981 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 18.1  | 13.6  | 20.4  |
| 236       | 25.5  | 20.5  | 30.7  |

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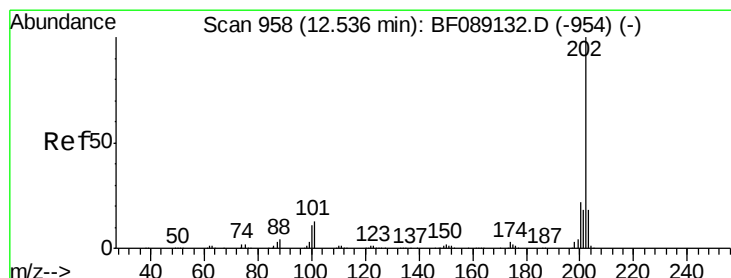
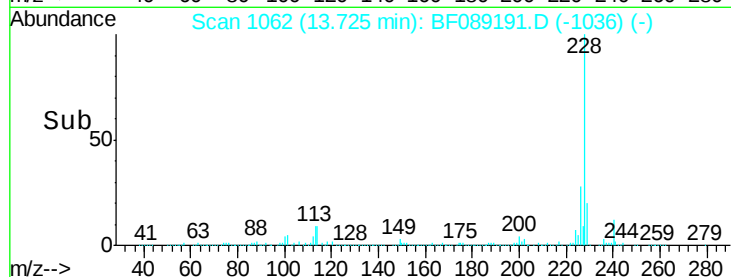


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 253.03 ng

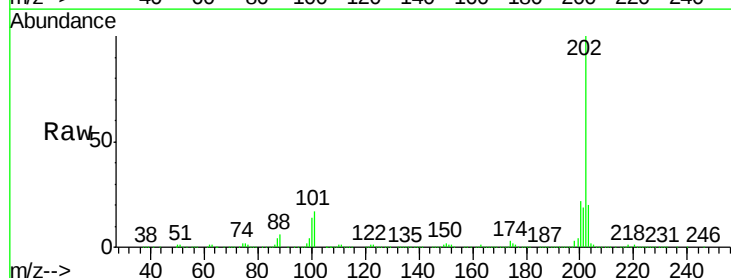
RT: 12.55 min Scan# 959

Delta R.T. 0.01 min

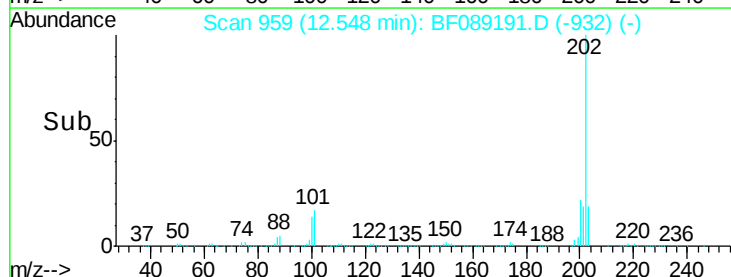
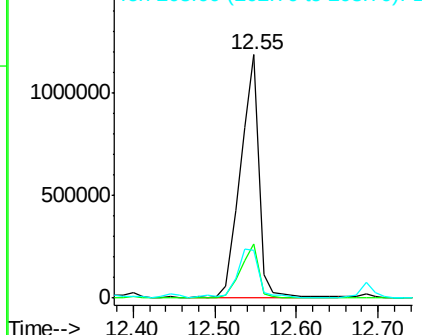
Lab File: BF089191.D

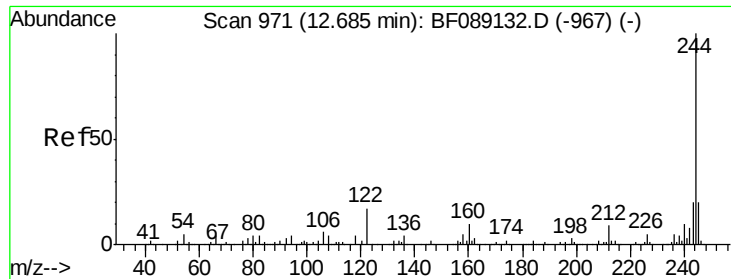
Acq: 22 Jul 2016 12:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1817625 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 22.2  | 17.4  | 26.0    |
| 203       | 19.5  | 14.2  | 21.2    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





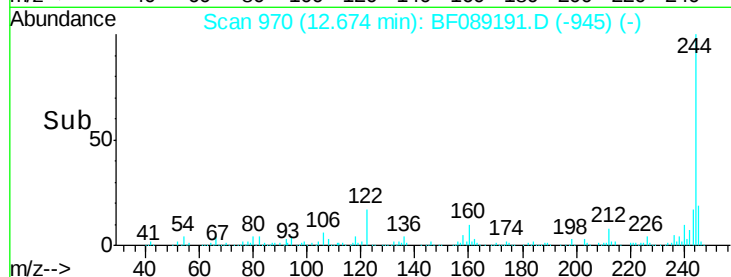
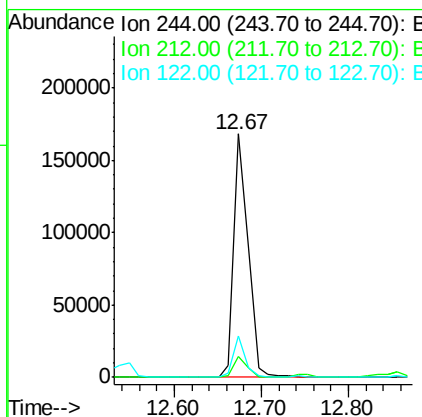
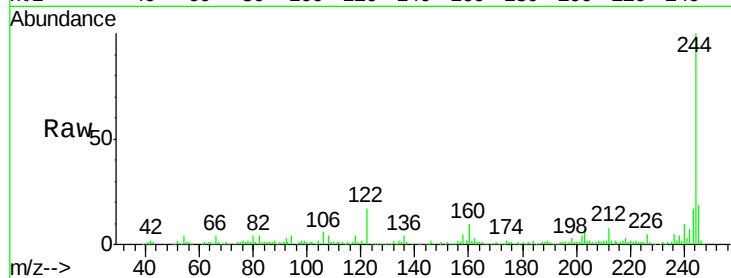
#78  
 Terphenyl-d14  
 Concen: 47.51 ng  
 RT: 12.67 min Scan# 970  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-10-COMP

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 8.3   | 7.0        | 10.4       |
| 122     | 16.9  | 13.8       | 20.8       |

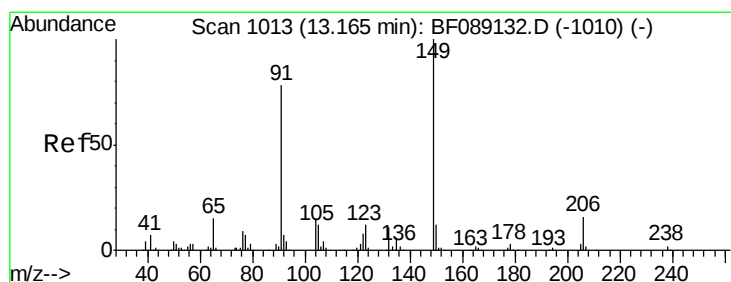
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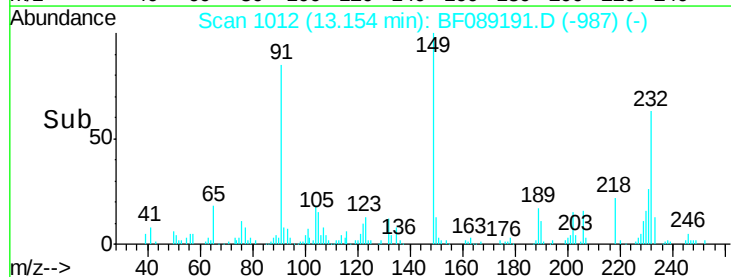
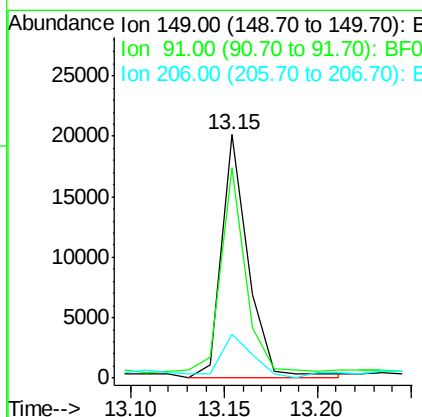
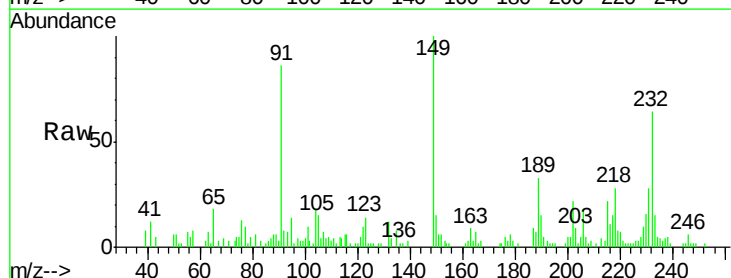
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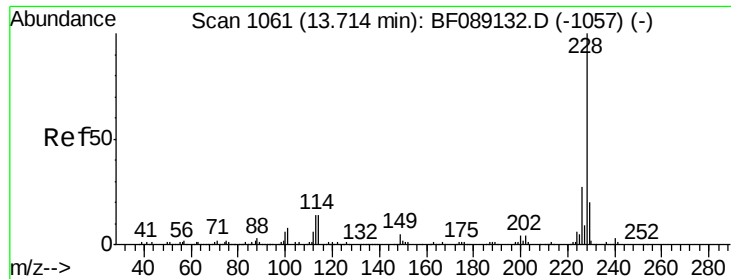
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#79  
 Butylbenzylphthalate  
 Concen: 6.72 ng  
 RT: 13.15 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 86.3  | 62.6       | 93.8       |
| 206     | 18.2  | 13.2       | 19.8       |





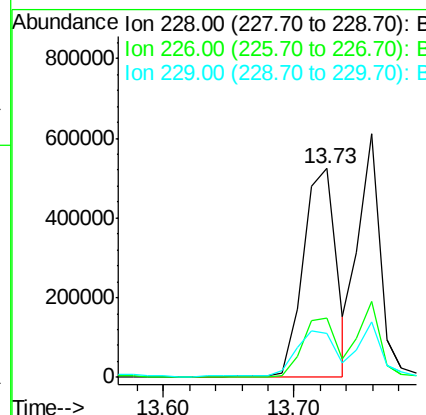
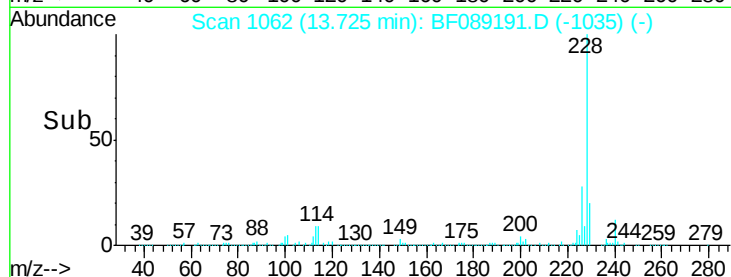
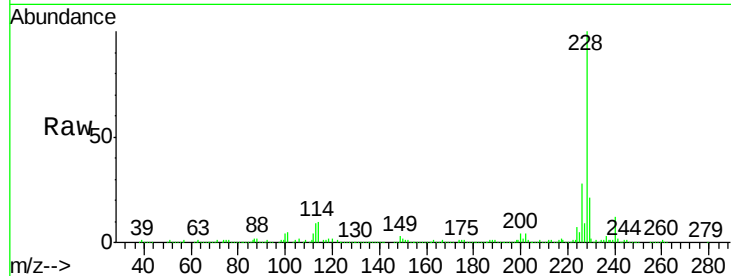
#80  
Benzo(a)anthracene  
Concen: 165.94 ng  
RT: 13.73 min Scan# 1062  
Delta R.T. 0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-10-COMP

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 919296 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.2  | 21.8  | 32.8   |
| 229       | 21.1  | 15.8  | 23.8   |

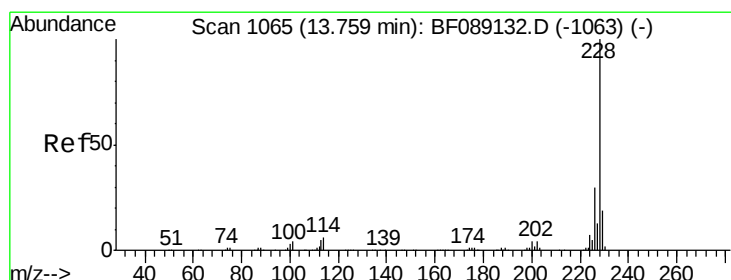
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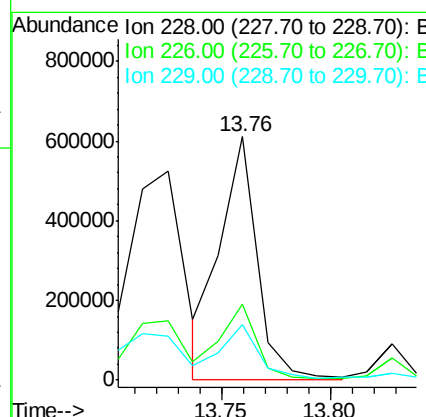
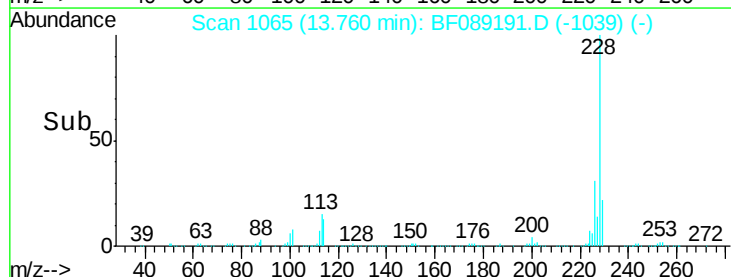
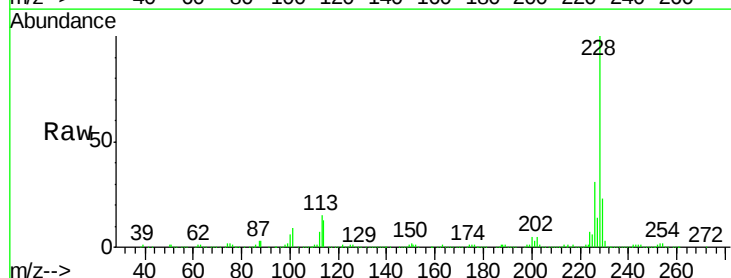
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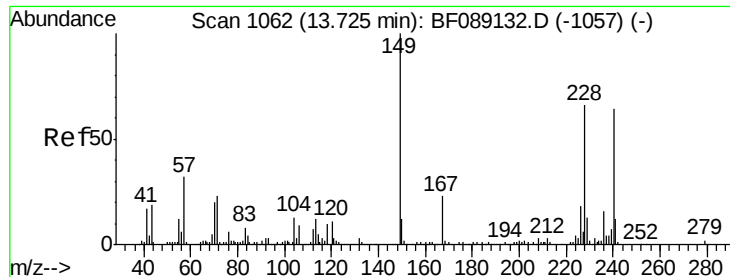
7/25/2016 6:41:17 PM



#82  
Chrysene  
Concen: 135.54 ng  
RT: 13.76 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 717201 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.0  | 23.8  | 35.8   |
| 229       | 22.7  | 15.4  | 23.0   |





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.10 ng m

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

Instrument :

BNA\_F

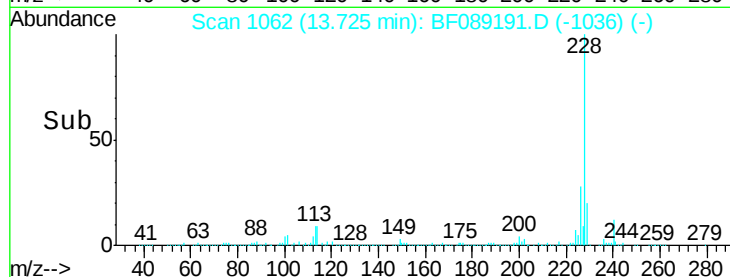
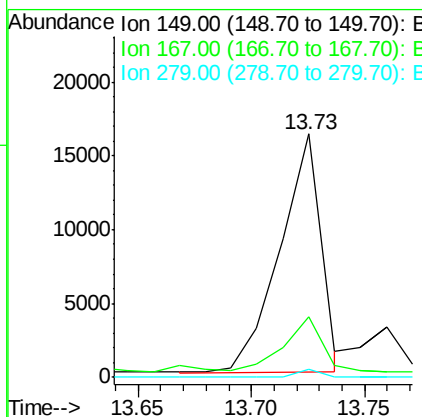
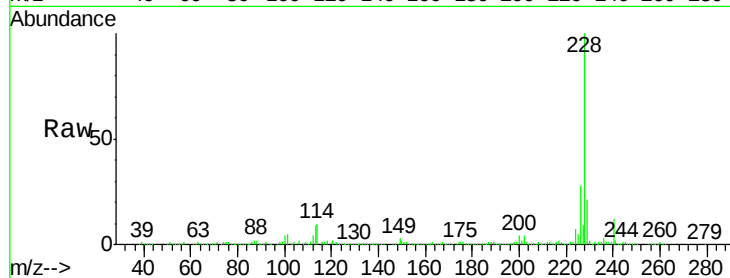
ClientSampled :

SB-10-COMP

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 20571 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 24.9  | 18.6  | 28.0  |
| 279       | 3.2   | 1.6   | 2.4#  |

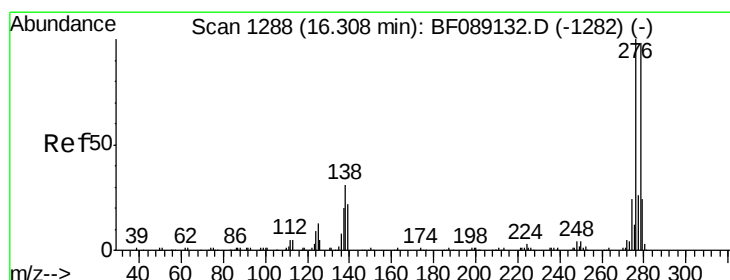
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#85

Indeno(1,2,3-cd)pyrene

Concen: 118.40 ng

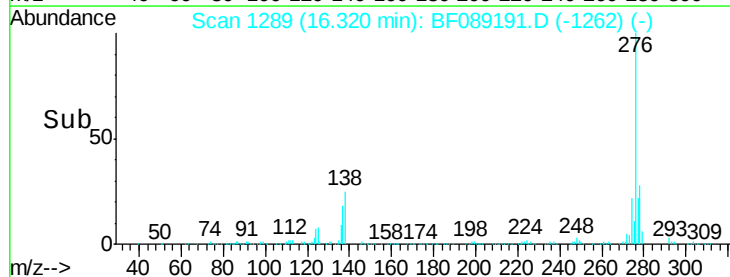
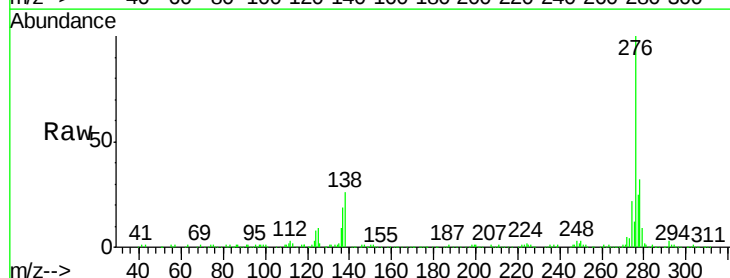
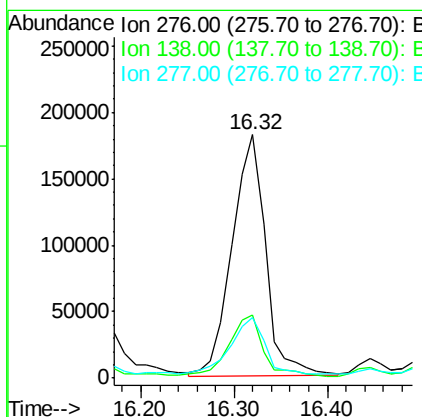
RT: 16.32 min Scan# 1289

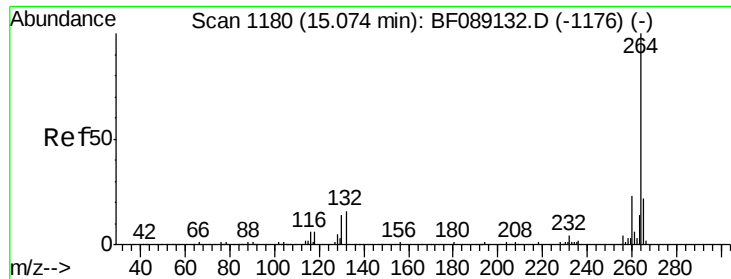
Delta R.T. 0.01 min

Lab File: BF089191.D

Acq: 22 Jul 2016 12:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 455058 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 26.6  | 23.7  | 35.5   |
| 277       | 24.3  | 20.6  | 31.0   |





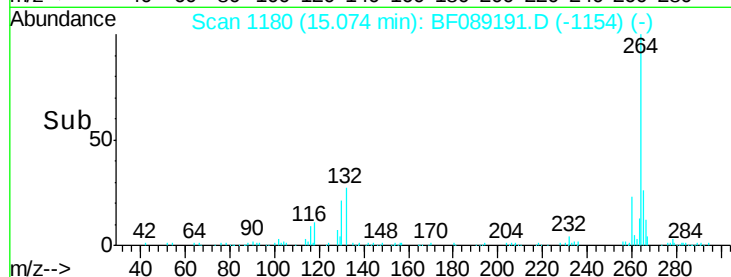
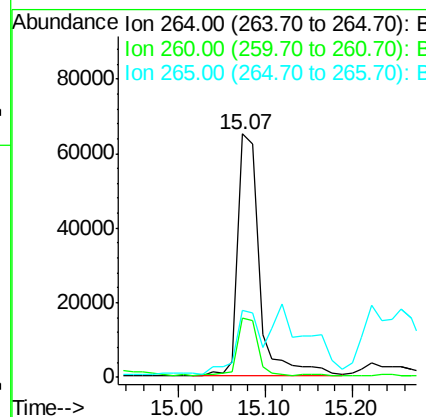
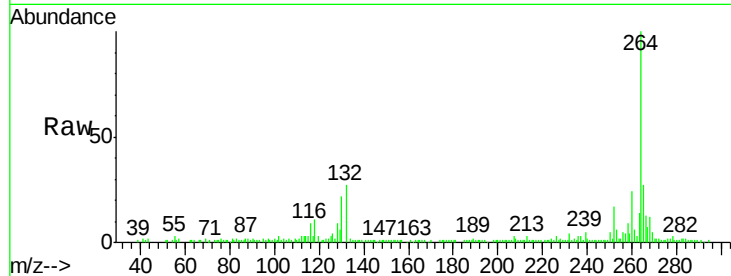
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.07 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-10-COMP

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 112957 |       |       |
| 260     | 24.3  | 18.5   | 27.7  |       |
| 265     | 27.4  | 17.3   | 25.9# |       |

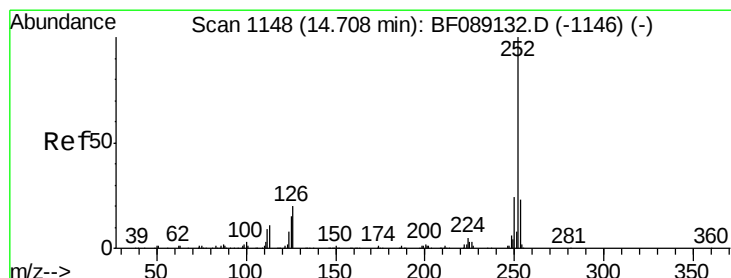
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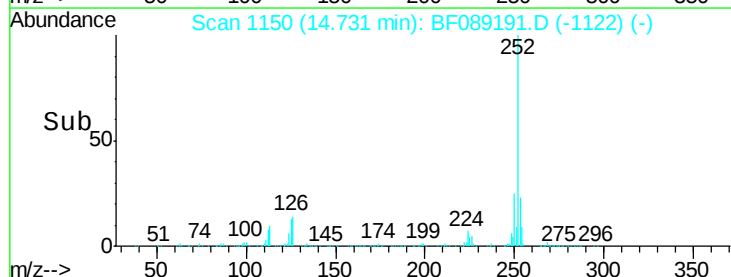
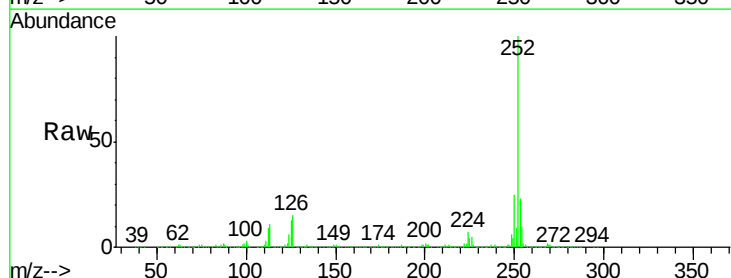
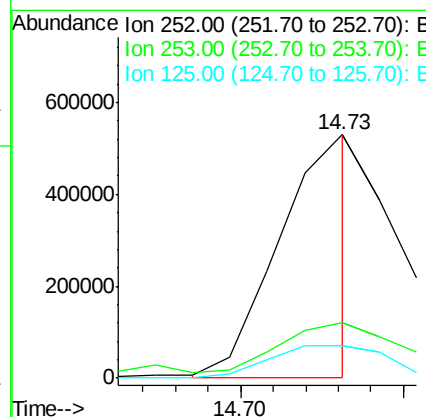
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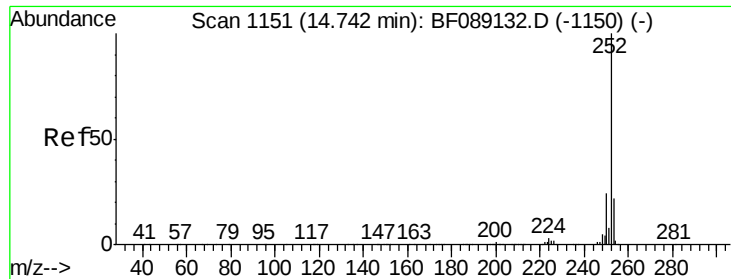
7/25/2016 6:41:17 PM



#87  
 Benzo(b)fluoranthene  
 Concen: 105.16 ng m  
 RT: 14.73 min Scan# 1150  
 Delta R.T. 0.02 min  
 Lab File: BF089191.D  
 Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 860353 |       |       |
| 253     | 23.0  | 18.2   | 27.2  |       |
| 125     | 13.4  | 11.9   | 17.9  |       |





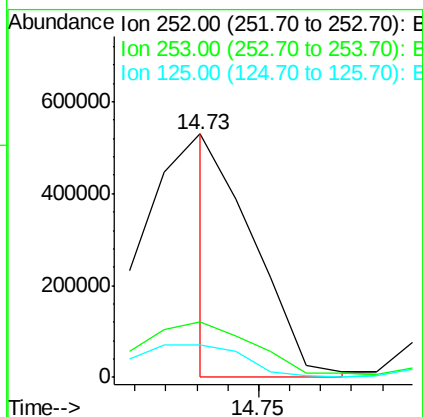
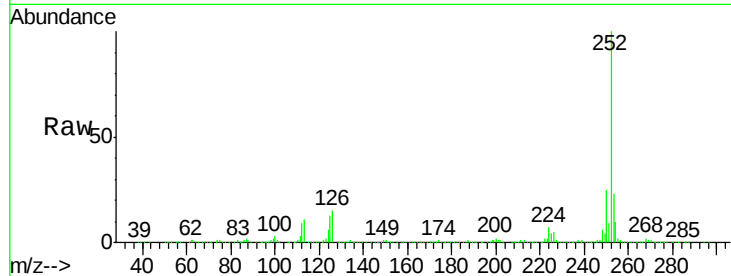
#88  
Benzo(k)fluoranthene  
Concen: 75.81 ng m  
RT: 14.73 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SB-10-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.3  | 25.9  |
| 125     | 13.4  | 6.3   | 9.5   |

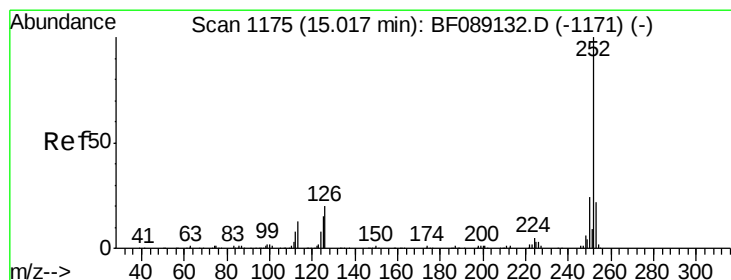
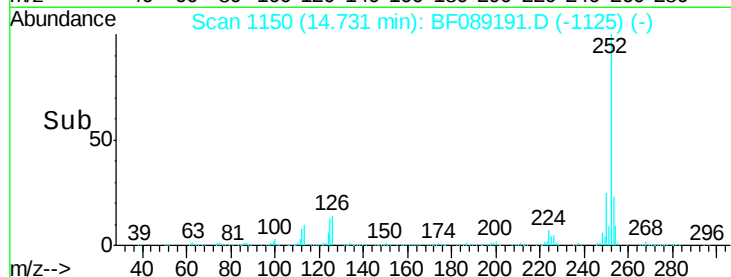
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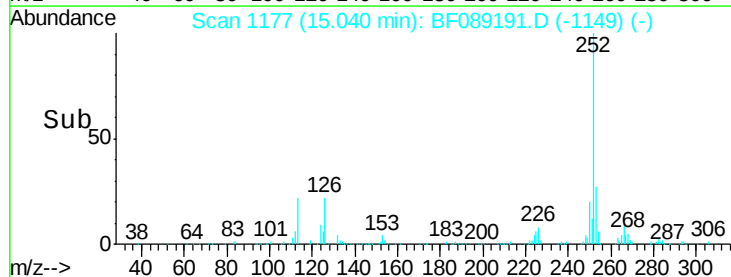
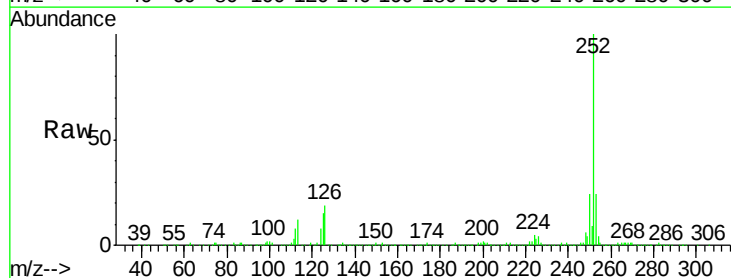
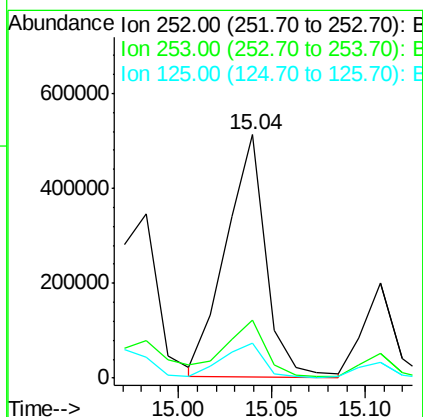
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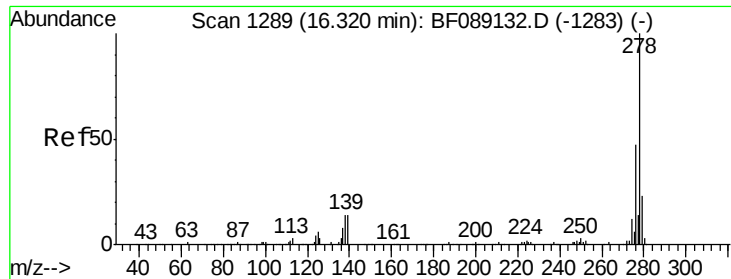
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#89  
Benzo(a)pyrene  
Concen: 120.50 ng  
RT: 15.04 min Scan# 1177  
Delta R.T. 0.02 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 17.4  | 26.0  |
| 125     | 14.5  | 12.4  | 18.6  |





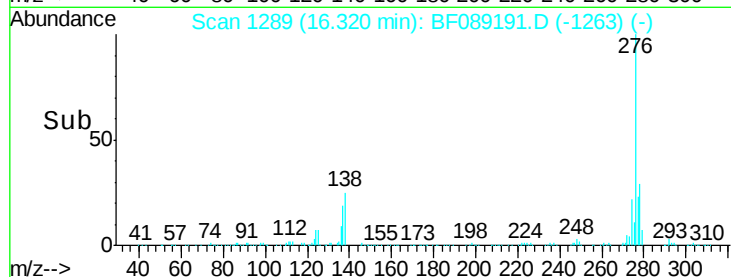
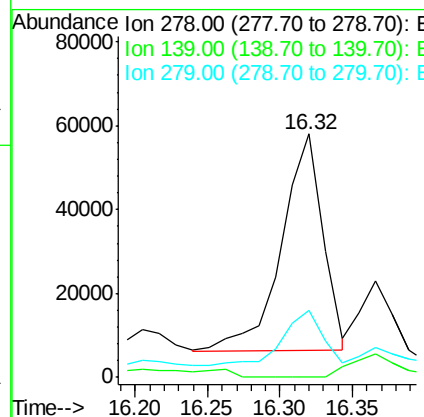
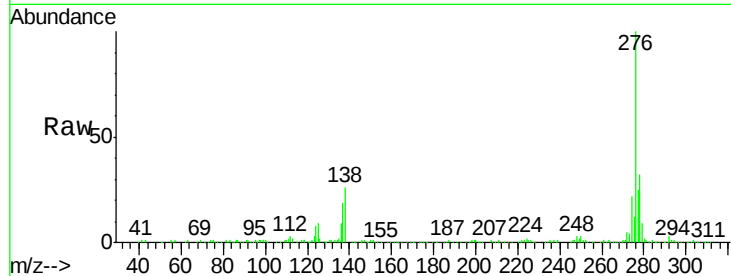
#90  
Dibenzo(a,h)anthracene  
Concen: 20.34 ng  
RT: 16.32 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

Instrument :  
BNA\_F  
ClientSampled :  
SB-10-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 0.0   | 11.4  | 17.2# |
| 279     | 27.5  | 18.4  | 27.6  |

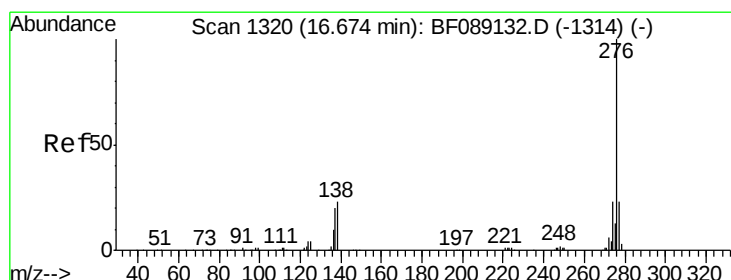
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#91  
Benzo(g,h,i)perylene  
Concen: 83.11 ng  
RT: 16.69 min Scan# 1321  
Delta R.T. 0.01 min  
Lab File: BF089191.D  
Acq: 22 Jul 2016 12:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.5  | 27.7  |
| 138     | 26.6  | 18.5  | 27.7  |

