

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\  
 Data File : BF114833.D  
 Acq On : 5 Jun 2019 22:07  
 Operator : HP/JU  
 Sample : K3189-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-8B

Manual Integrations  
 APPROVED

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 6/6/2019 4:50:28 PM

Quant Time: Jun 06 07:18:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 313476   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 1228457  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.69  | 164  | 643025   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.17 | 188  | 1297447  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 896802   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.17 | 264  | 977526   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.27  | 112  | 2175570  | 121.27 | ng    | 0.01     |
| 7) Phenol-d6                | 6.31  | 99   | 2686707  | 123.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.23  | 82   | 1682497  | 84.31  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.48 | 330  | 856834   | 123.65 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 2648373  | 77.15  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.76 | 244  | 3216779  | 69.76  | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 50) Dimethylphthalate      | 9.42  | 163  | 789808   | 16.817 | ng    | 99     |
| 52) Acenaphthene           | 9.73  | 154  | 121700   | 3.164  | ng    | 98     |
| 71) Phenanthrene           | 11.19 | 178  | 1555058  | 25.106 | ng    | 98     |
| 72) Anthracene             | 11.24 | 178  | 443764   | 6.808  | ng    | 94     |
| 73) Carbazole              | 11.39 | 167  | 189411   | 3.390  | ng    | 94     |
| 75) Fluoranthene           | 12.37 | 202  | 2182278  | 33.851 | ng    | 98     |
| 78) Pyrene                 | 12.60 | 202  | 1879210  | 24.155 | ng    | 97     |
| 81) Benzo(a)anthracene     | 13.78 | 228  | 998373   | 14.447 | ng    | 99     |
| 83) Chrysene               | 13.82 | 228  | 822580   | 12.236 | ng    | 96     |
| 86) Indeno(1,2,3-cd)pyrene | 16.47 | 276  | 465388   | 6.067  | ng    | 96     |
| 88) Benzo(b)fluoranthene   | 14.79 | 252  | 1124111m | 18.064 | ng    |        |
| 89) Benzo(k)fluoranthene   | 14.81 | 252  | 387915m  | 7.340  | ng    |        |
| 90) Benzo(a)pyrene         | 15.12 | 252  | 800253   | 14.857 | ng    | 99     |
| 91) Dibenzo(a,h)anthracene | 16.49 | 278  | 128177   | 2.513  | ng    | 97     |
| 92) Benzo(a,h,i)perylene   | 16.87 | 276  | 392650   | 7.655  | ng    | 99     |

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

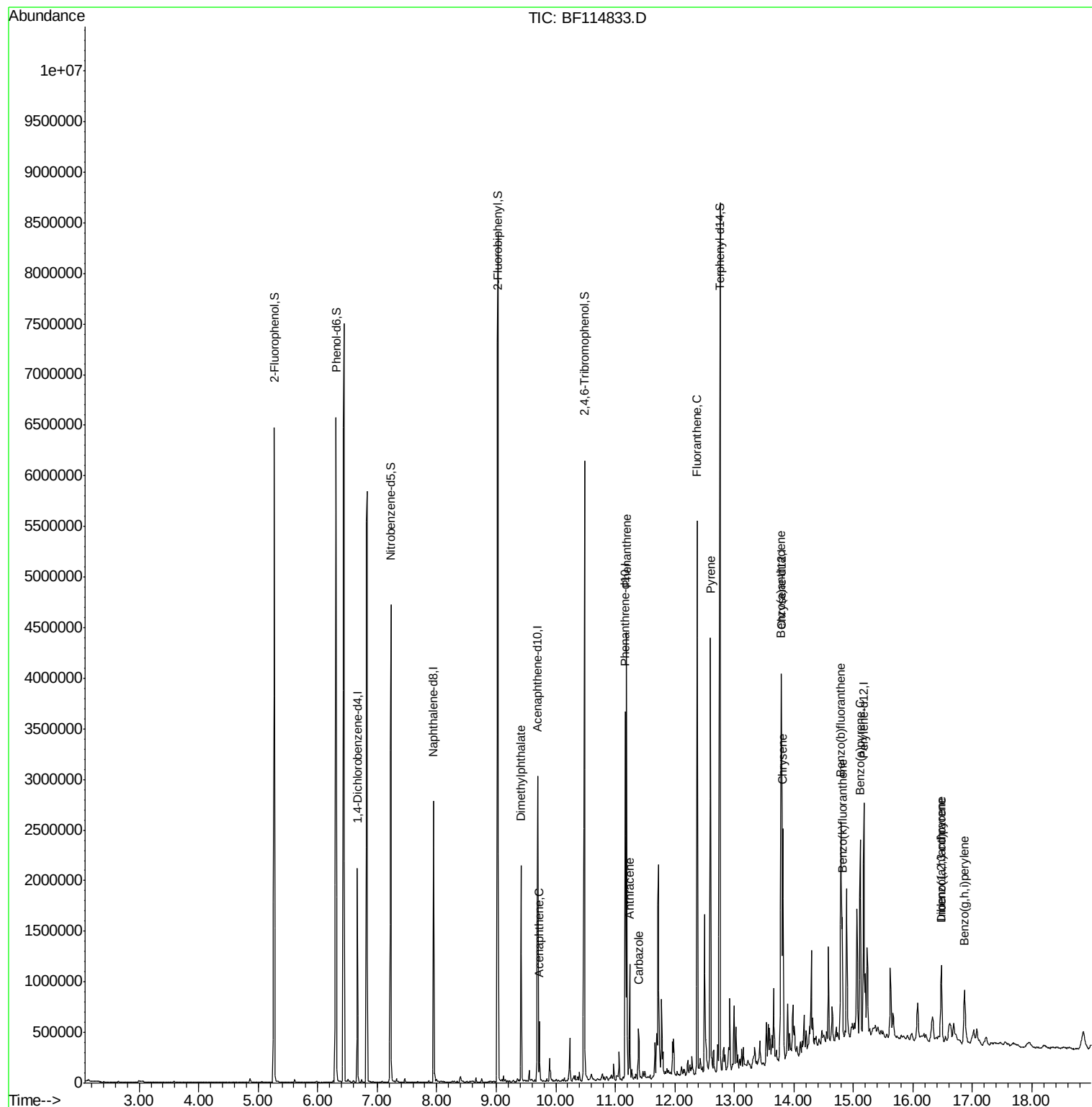
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\  
Data File : BF114833.D  
Acq On : 5 Jun 2019 22:07  
Operator : HP/JU  
Sample : K3189-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

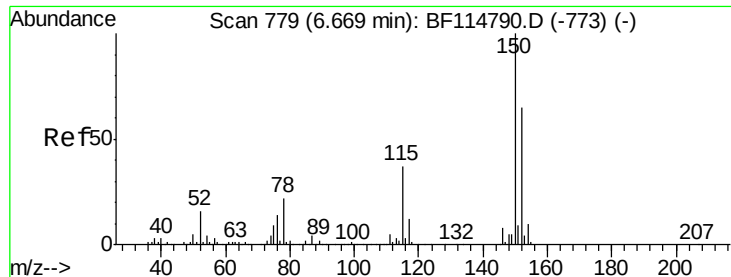
Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

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Quant Time: Jun 06 07:18:01 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 04 16:57:15 2019  
Response via : Initial Calibration





#1

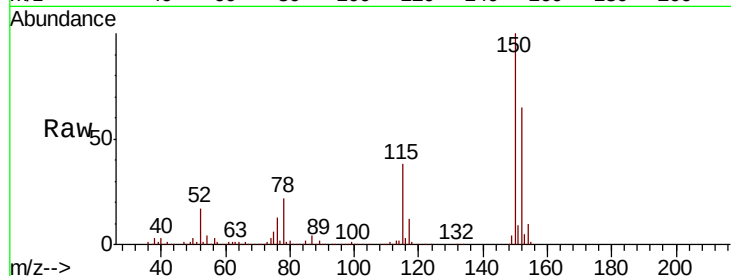
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 124.0 | 186.0 |
| 115     | 58.2  | 46.3  | 69.5  |

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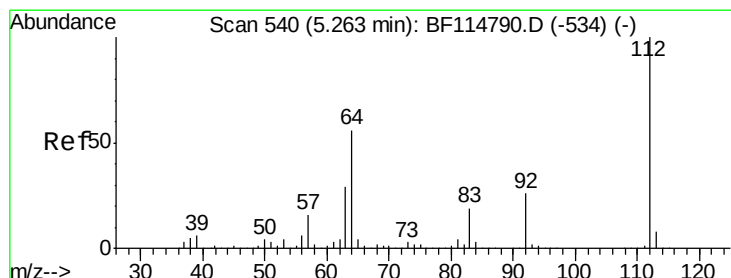
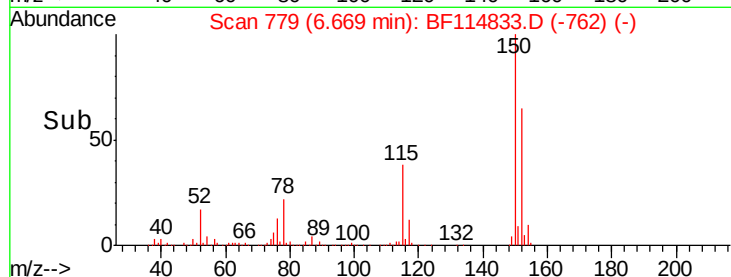
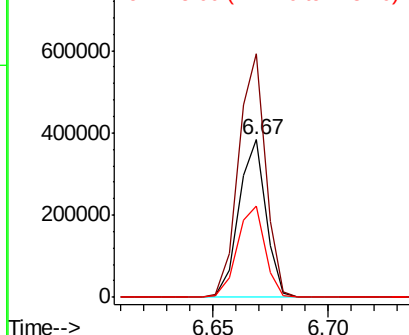


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

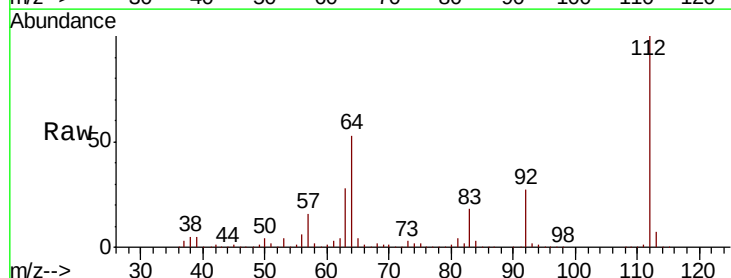
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 121.269 ng  
RT: 5.27 min Scan# 542  
Delta R.T. 0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 52.9  | 44.6  | 66.8  |
| 63      | 27.6  | 23.0  | 34.4  |

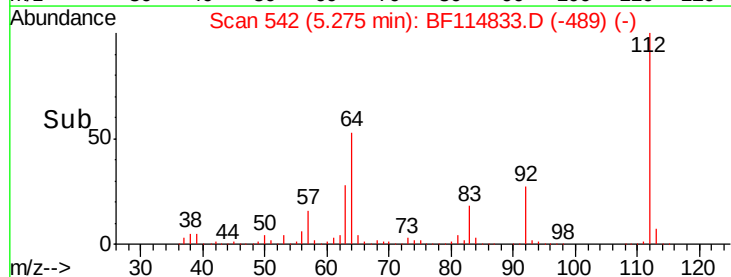
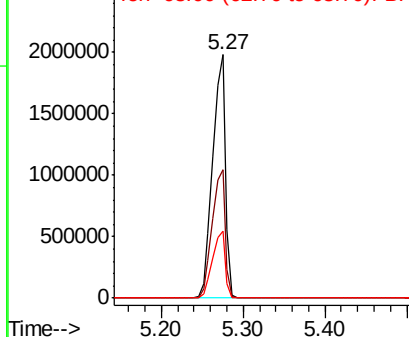


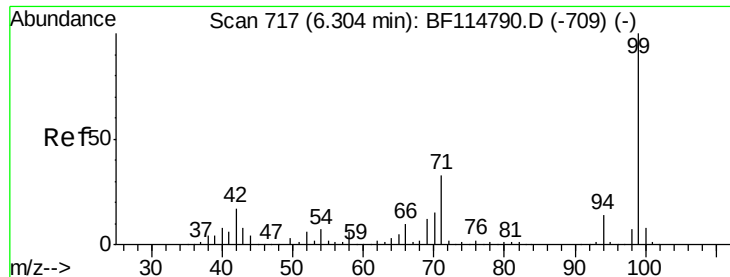
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.077 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

ClientSampled :

S-8B

Tot Ion: 99 Resp: 2686707

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

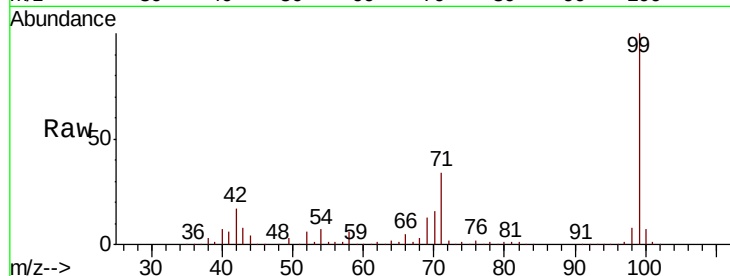
71 33.8 26.3 39.5

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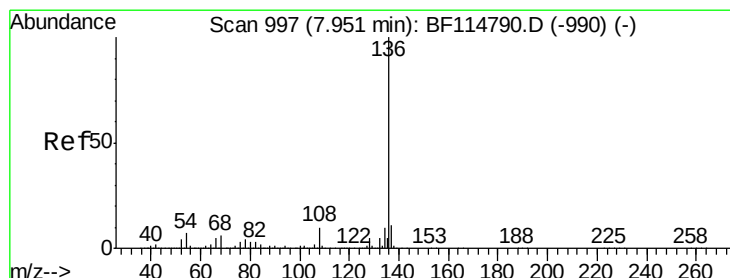
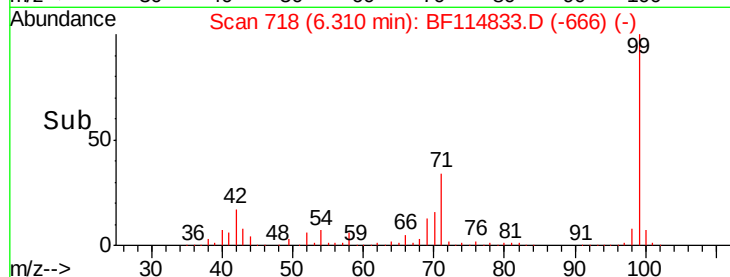
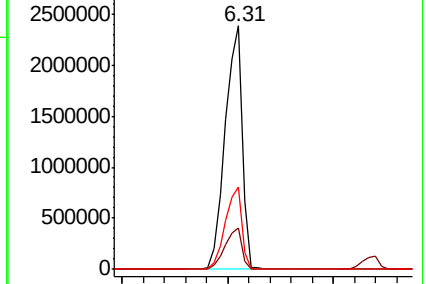
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Tgt Ion: 136 Resp: 1228457

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.2 5.4 8.0

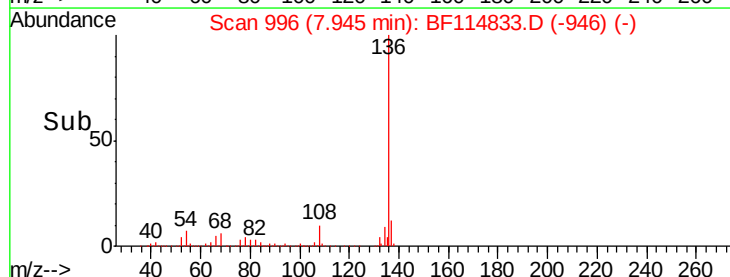
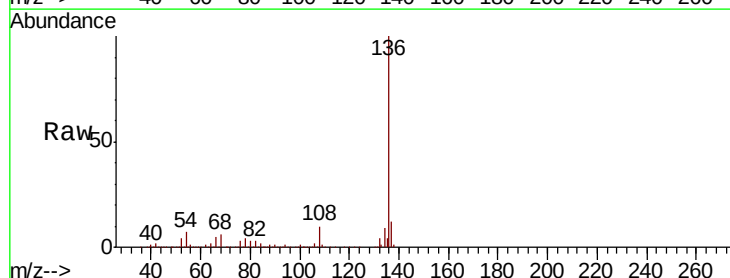
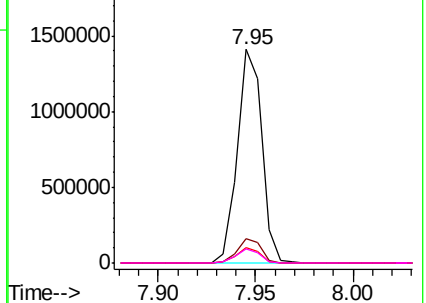
68 6.3 4.6 6.8

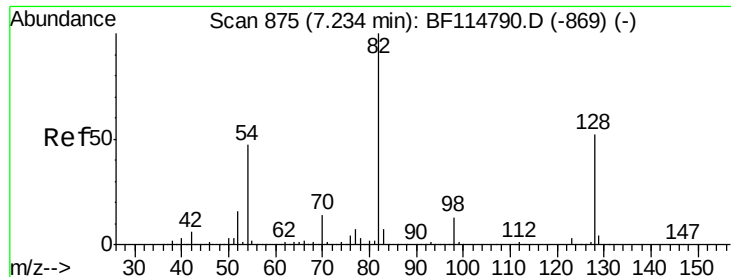
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





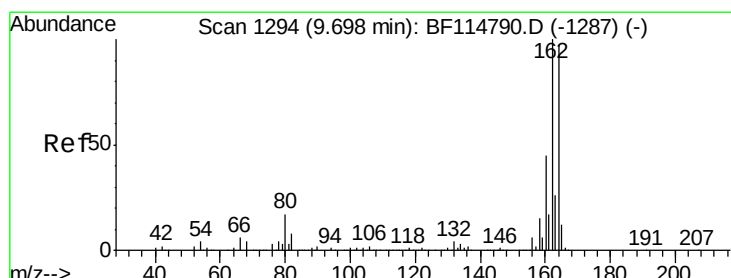
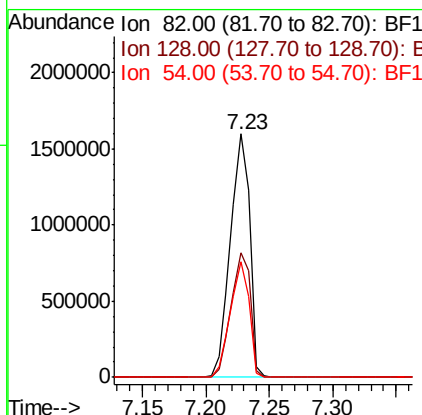
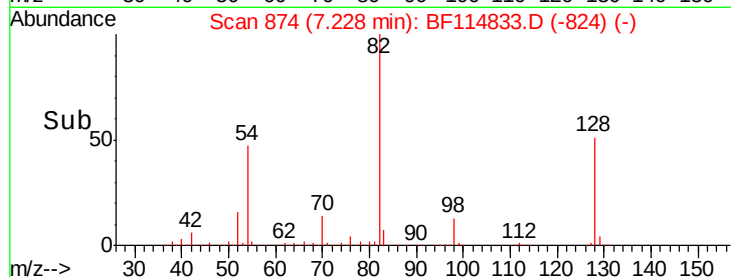
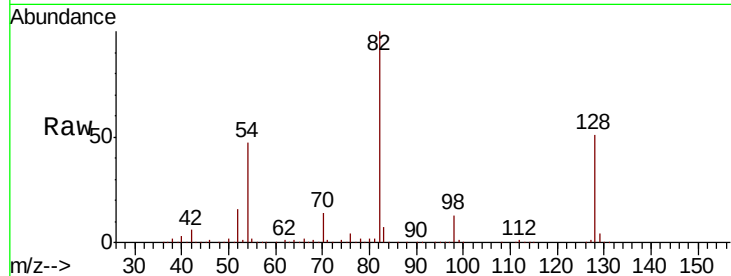
#23  
Nitrobenzene-d5  
Concen: 84.311 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.3  | 41.8  | 62.6  |
| 54      | 47.3  | 37.9  | 56.9  |

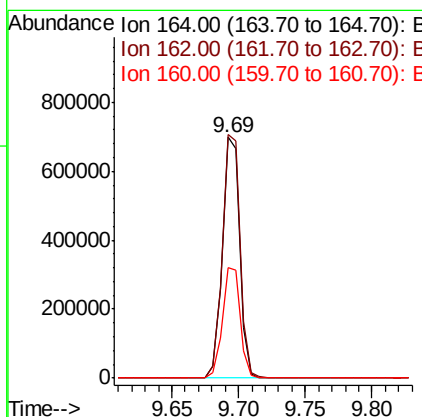
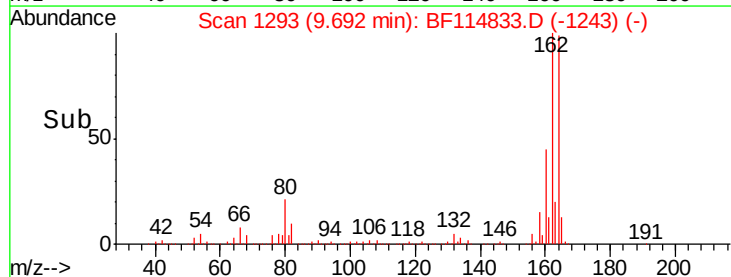
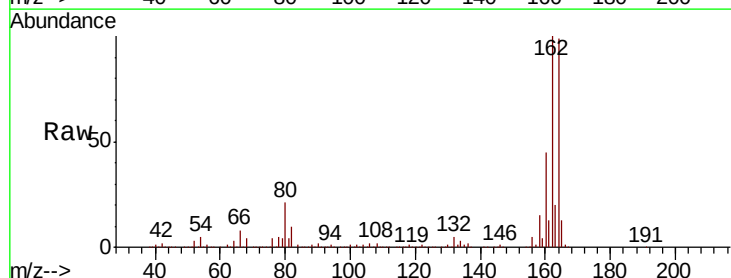
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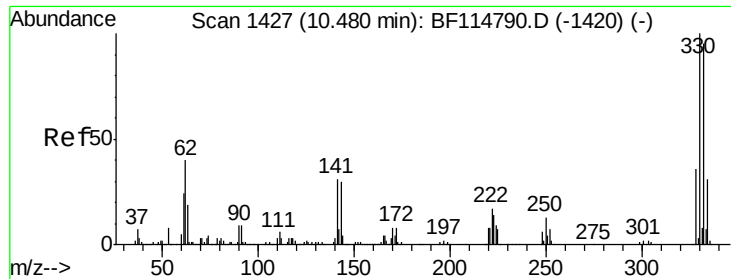
mohammad  
6/6/2019 4:50:28 PM



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.1 | 82.3  | 123.5 |
| 160     | 45.8  | 36.7  | 55.1  |





#42

2,4,6-Tribromophenol

Concen: 123.648 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

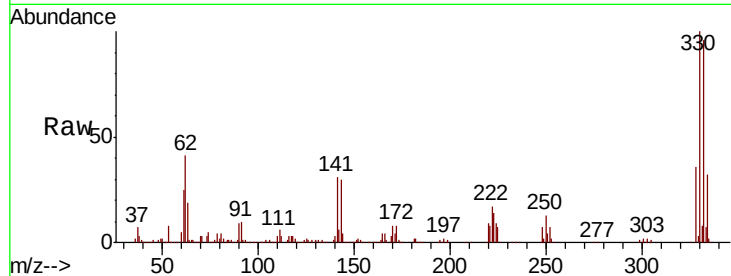
ClientSampled :

S-8B

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 330  | Resp: | 856834 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 95.7 | 77.3  | 115.9  |
| 141       | 31.9 | 26.2  | 39.4   |

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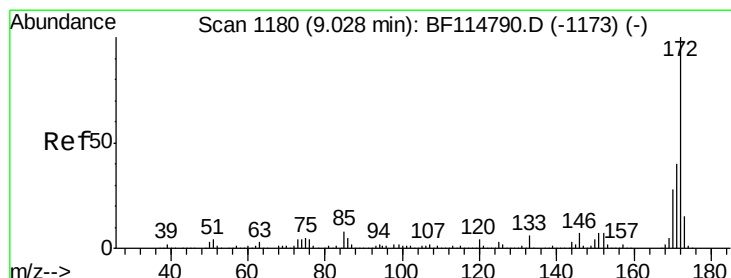
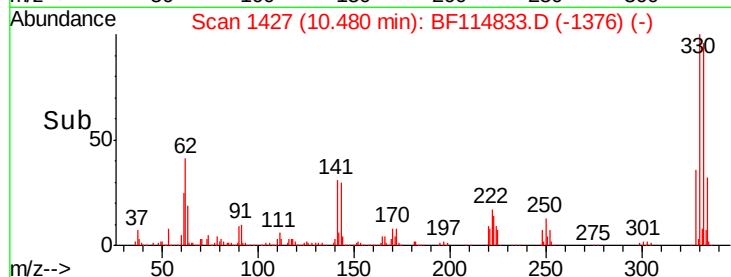
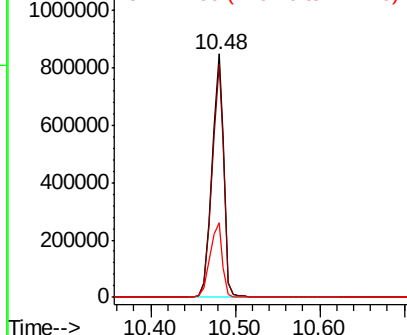


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 77.153 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

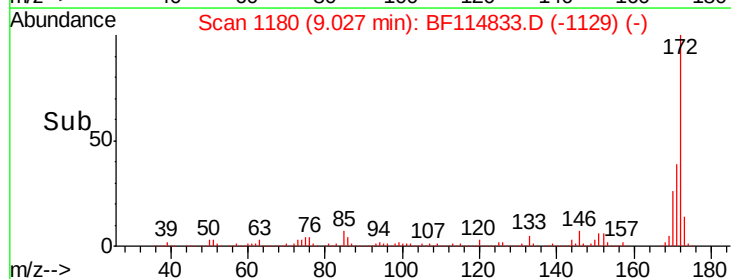
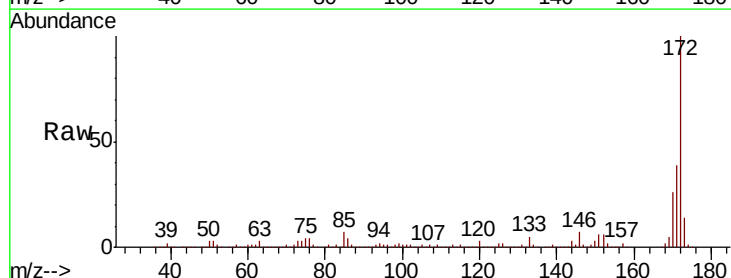
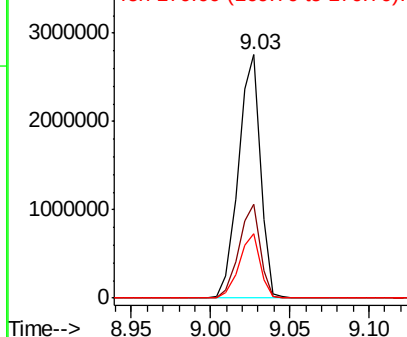
|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 172  | Resp: | 2648373 |
| Ion Ratio |      | Lower | Upper   |
| 172       | 100  |       |         |
| 171       | 38.5 | 32.3  | 48.5    |
| 170       | 26.5 | 22.4  | 33.6    |

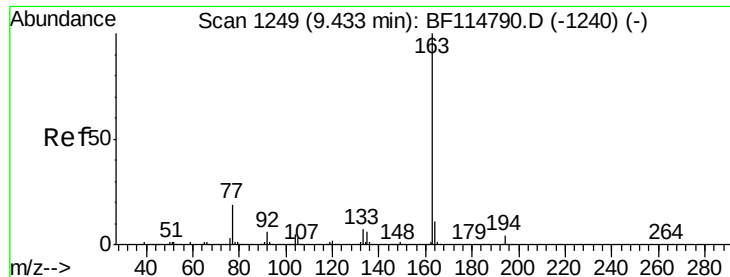
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





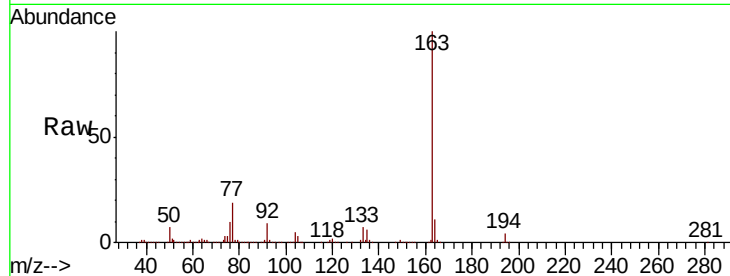
#50  
Dimethylphthalate  
Concen: 16.817 ng  
RT: 9.42 min Scan# 1246  
Delta R.T. -0.02 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

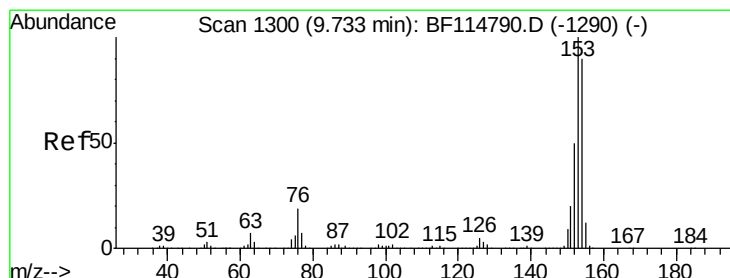
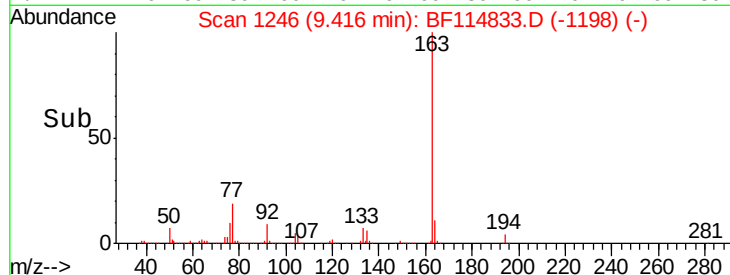
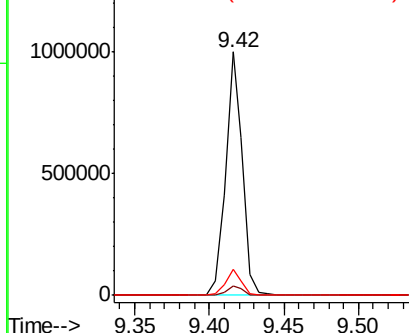
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 789808 |       |       |
| 194     | 3.9  |       | 3.4    | 5.2   |       |
| 164     | 10.5 |       | 8.6    | 13.0  |       |

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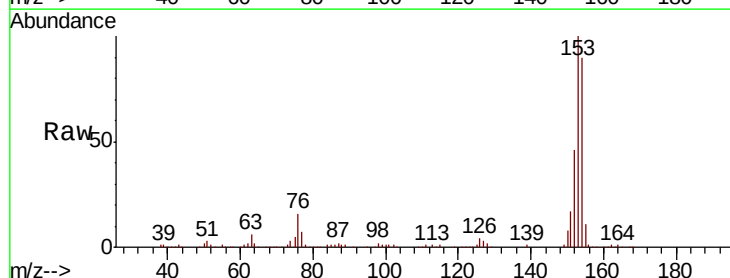


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

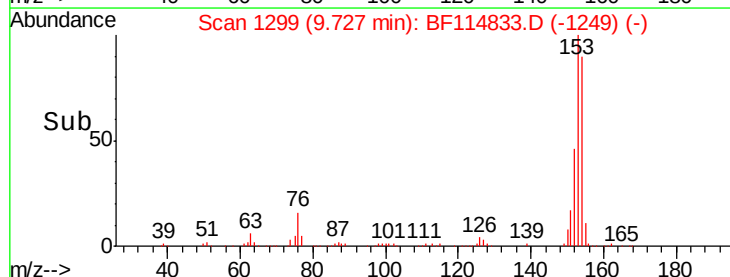
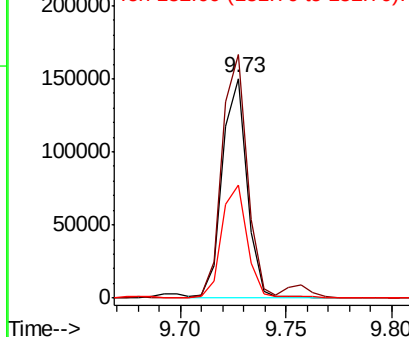


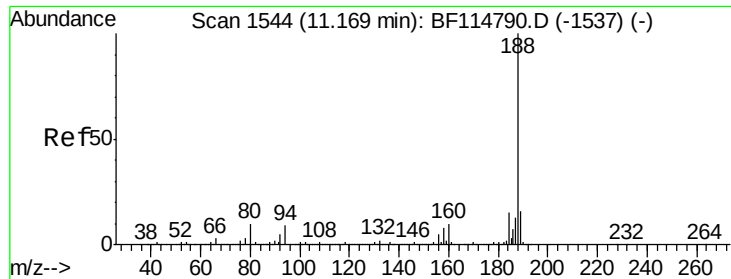
#52  
Acenaphthene  
Concen: 3.164 ng  
RT: 9.73 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 154     | 100   |       | 121700 |       |       |
| 153     | 110.8 |       | 88.5   | 132.7 |       |
| 152     | 51.5  |       | 44.1   | 66.1  |       |



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





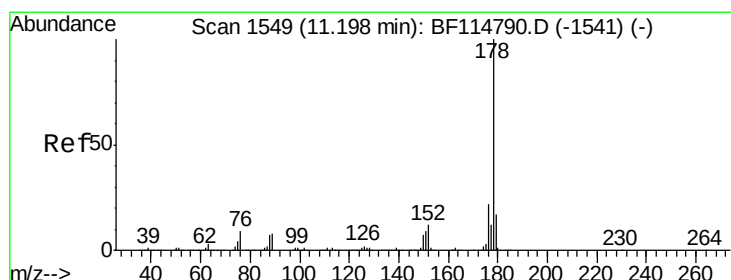
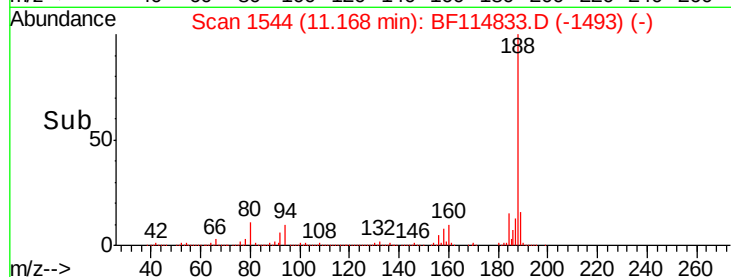
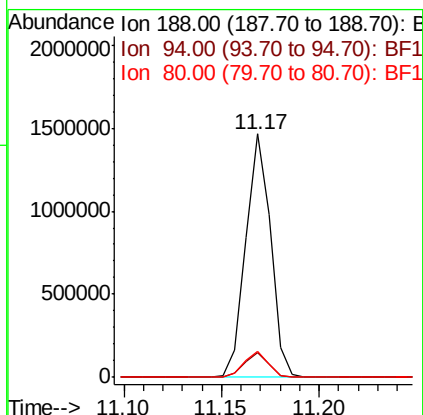
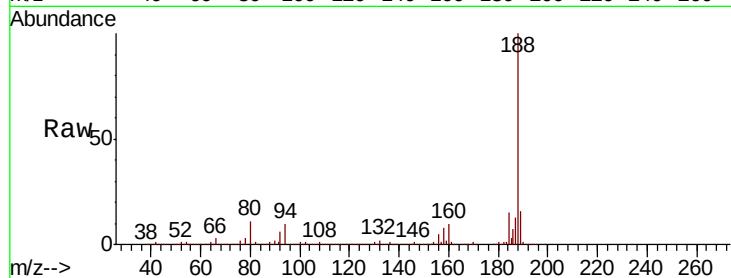
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. -0.00 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.3  | 7.6   | 11.4  |
| 80      | 10.8  | 8.3   | 12.5  |

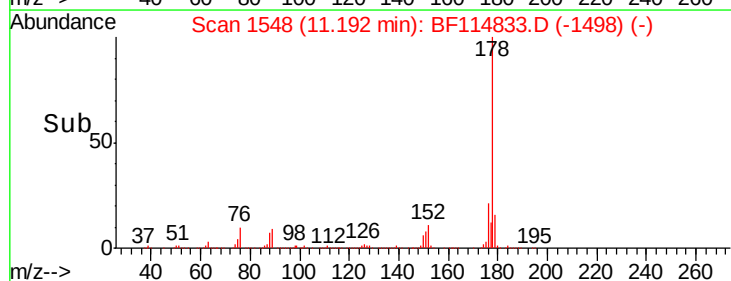
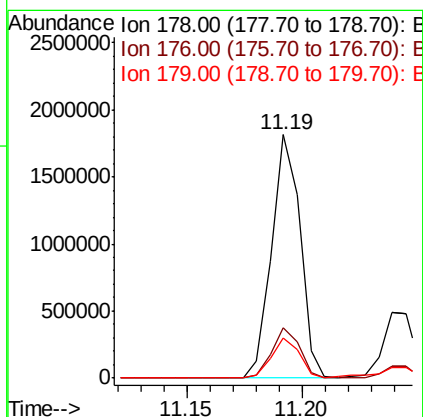
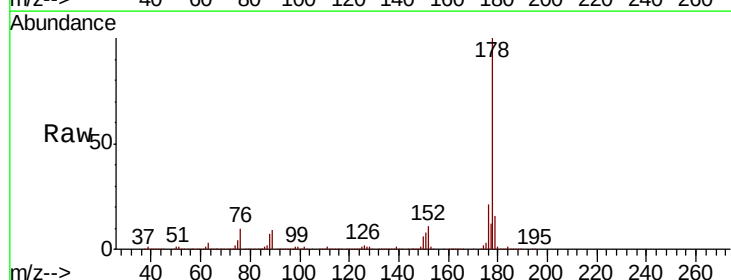
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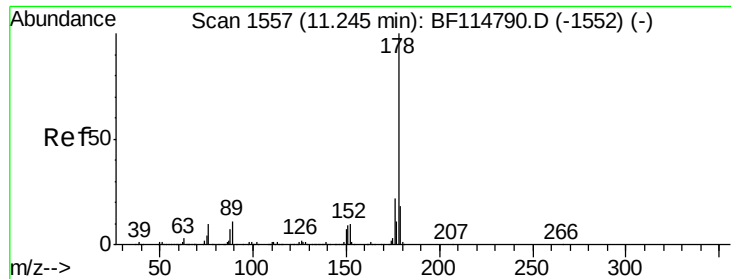


#71  
Phenanthrene  
Concen: 25.106 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 17.7  | 26.5  |
| 179     | 16.5  | 13.7  | 20.5  |







#72

Anthracene

Concen: 6.808 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

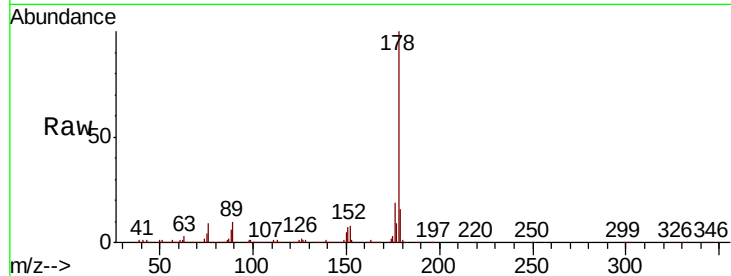
ClientSampled :

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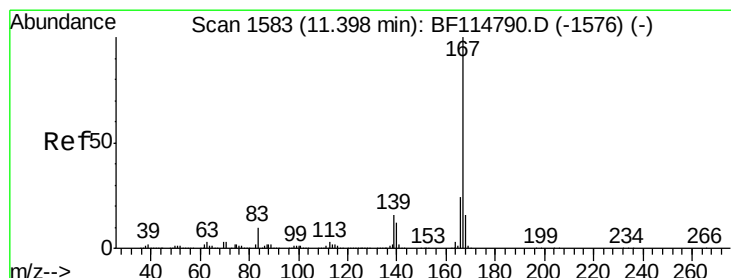
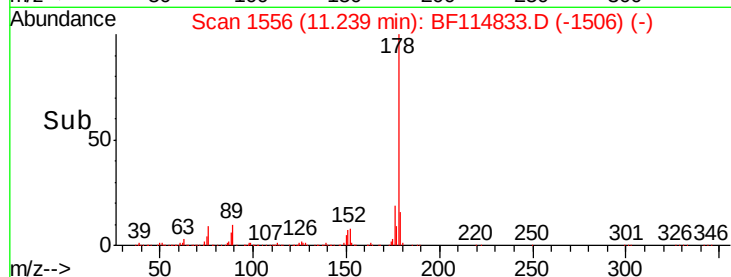
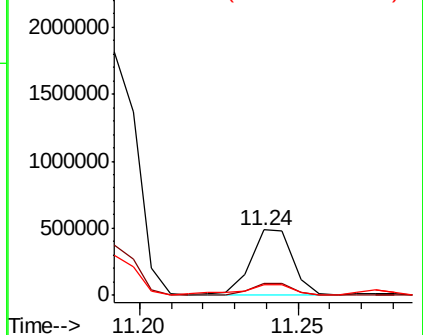
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 443764 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.8  | 17.4  | 26.0   |
| 179       | 15.6  | 14.2  | 21.4   |

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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



#73

Carbazole

Concen: 3.390 ng

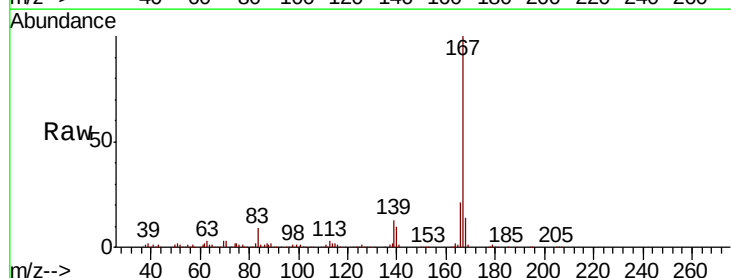
RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

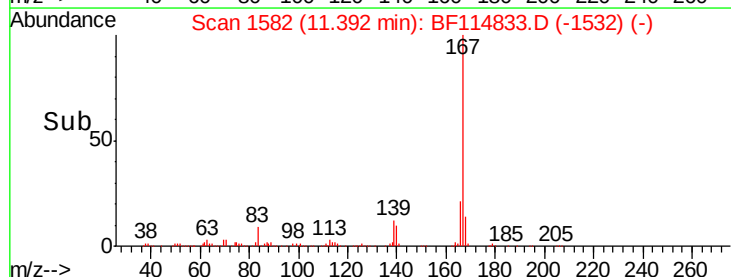
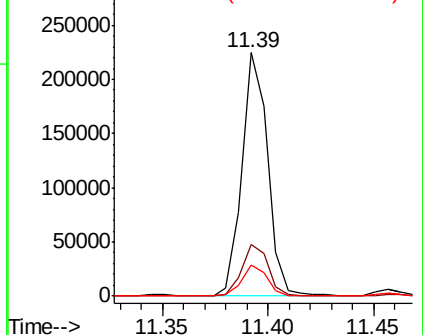
Lab File: BF114833.D

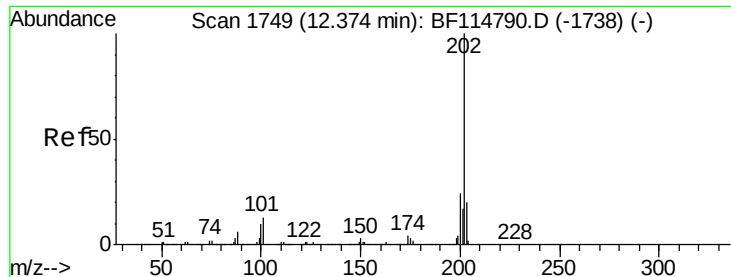
Acq: 5 Jun 2019 22:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 189411 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.1  | 19.1  | 28.7   |
| 139       | 12.6  | 12.4  | 18.6   |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 33.851 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

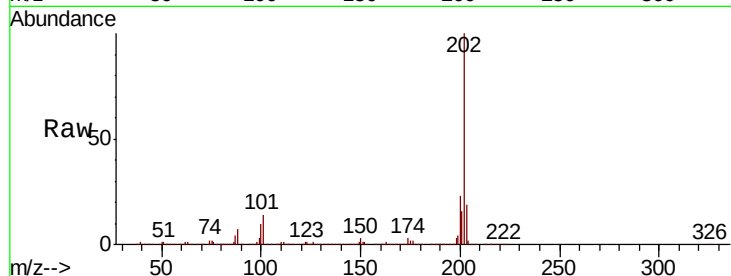
ClientSampled :

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|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 2182278 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 14.2  | 0.0   | 32.8    |
| 203      | 19.4  | 0.2   | 40.2    |

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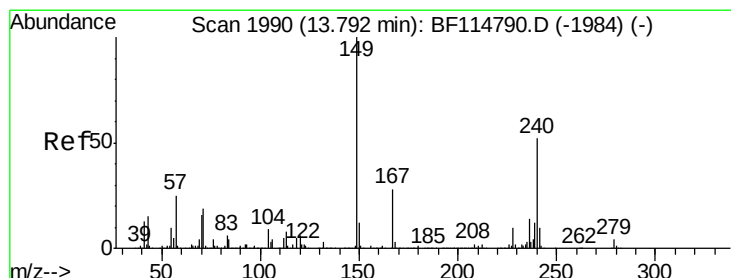
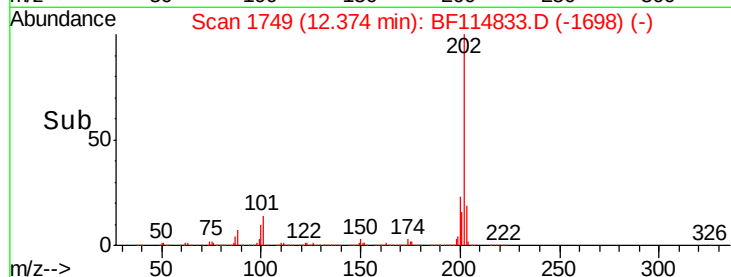
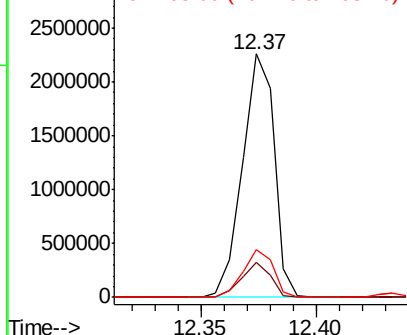


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

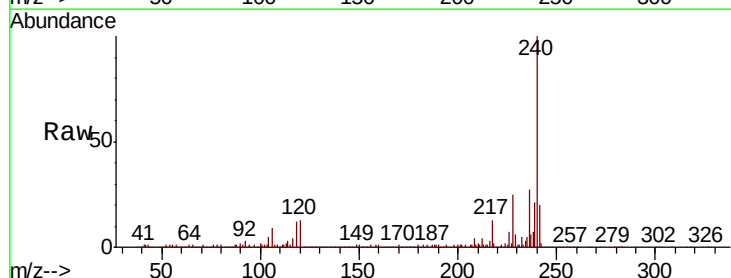
RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 896802 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 13.2  | 9.0   | 13.4   |
| 236      | 26.9  | 21.4  | 32.0   |

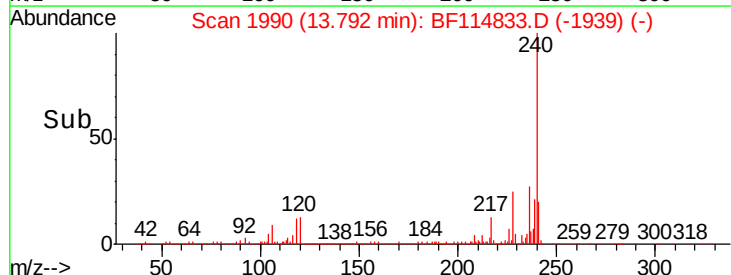
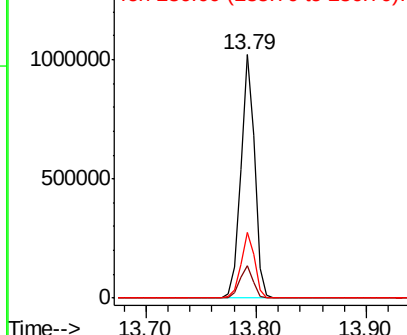


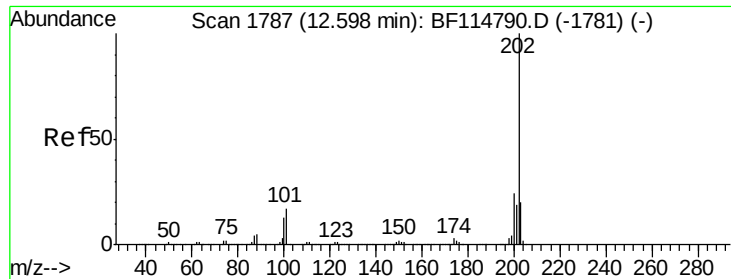
Abundance

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





#78

Pvrene

Concen: 24.155 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

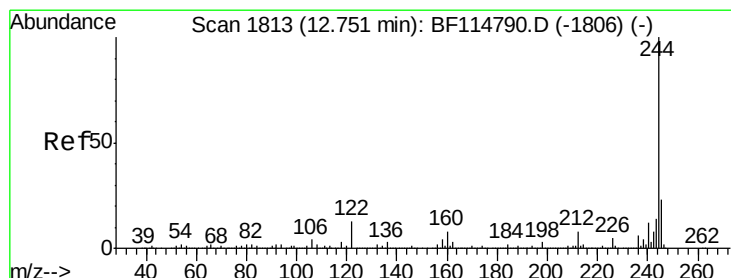
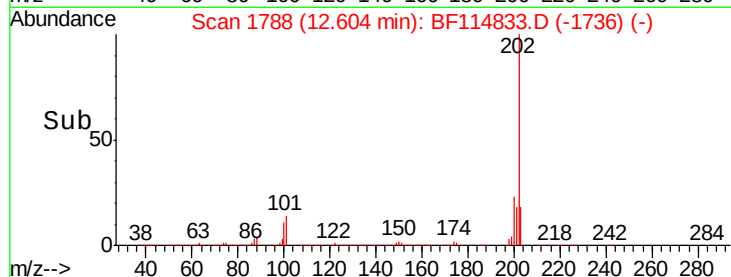
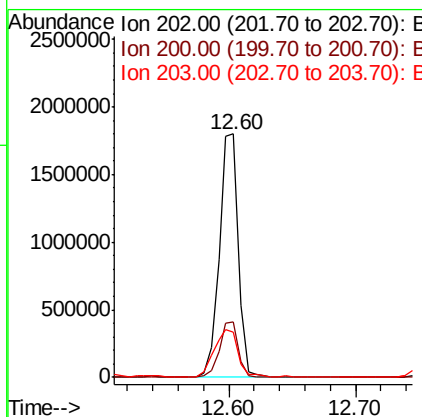
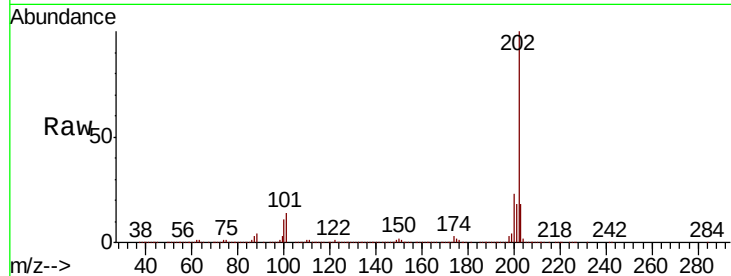
ClientSampled :

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|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1879210 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 23.0  | 19.2  | 28.8    |
| 203      | 18.4  | 15.9  | 23.9    |

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#79

Terphenyl-d14

Concen: 69.757 ng

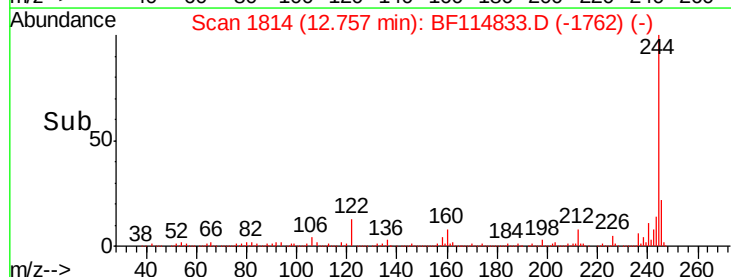
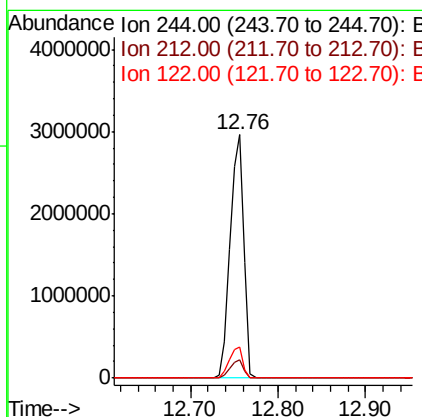
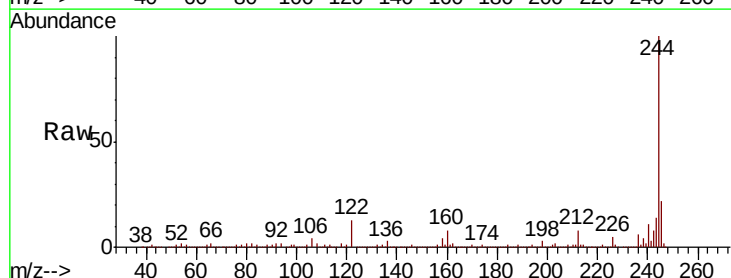
RT: 12.76 min Scan# 1814

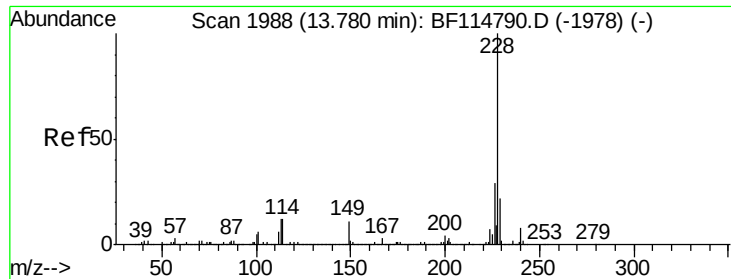
Delta R.T. 0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3216779 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.6   | 6.5   | 9.7     |
| 122      | 12.6  | 10.5  | 15.7    |





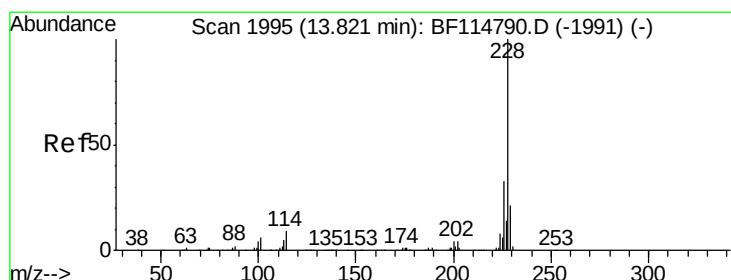
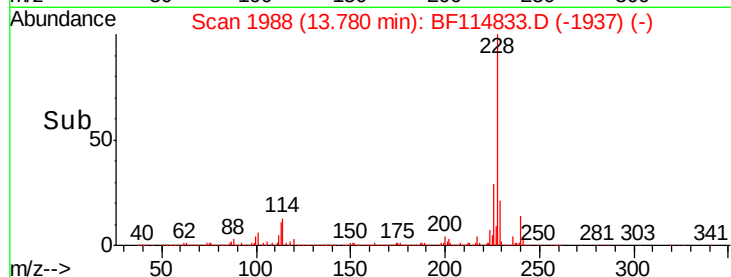
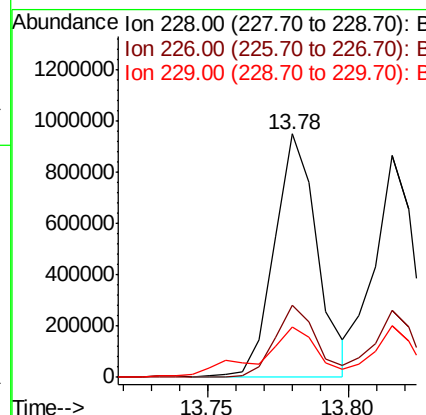
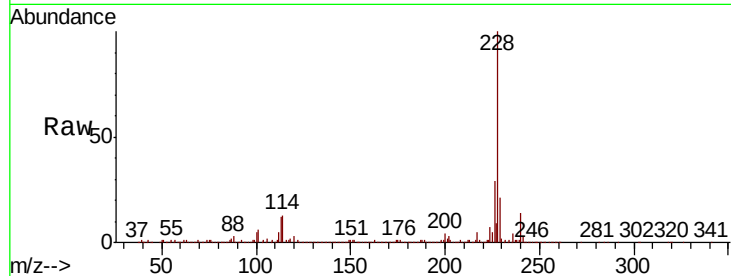
#81  
Benzo(a)anthracene  
Concen: 14.447 ng  
RT: 13.78 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
S-8B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 23.4  | 35.2  |
| 229     | 20.8  | 17.4  | 26.0  |

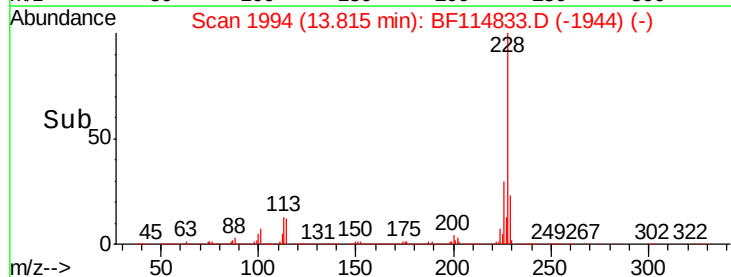
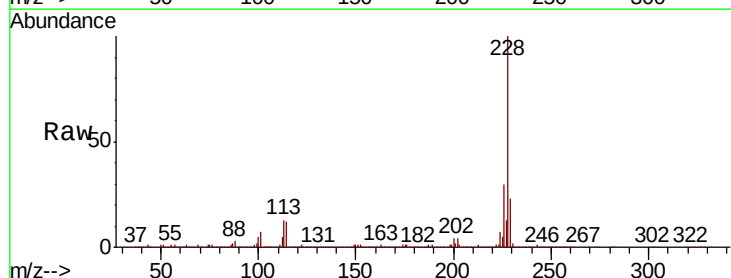
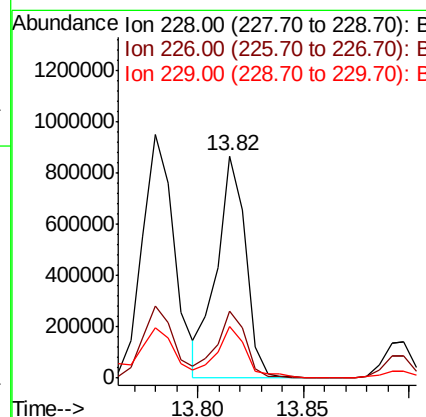
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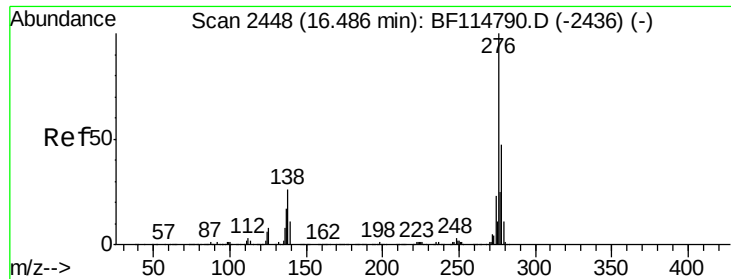
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#83  
Chrysene  
Concen: 12.236 ng  
RT: 13.82 min Scan# 1994  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 26.0  | 39.0  |
| 229     | 23.1  | 17.1  | 25.7  |





#86

Indeno(1,2,3-cd)pyrene

Concen: 6.067 ng

RT: 16.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BF114833.D

Acq: 5 Jun 2019 22:07

Instrument :

BNA\_F

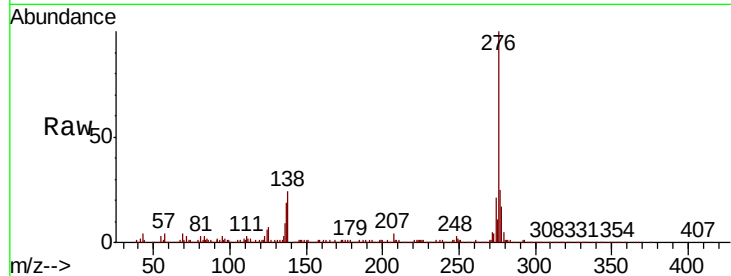
ClientSampleId :

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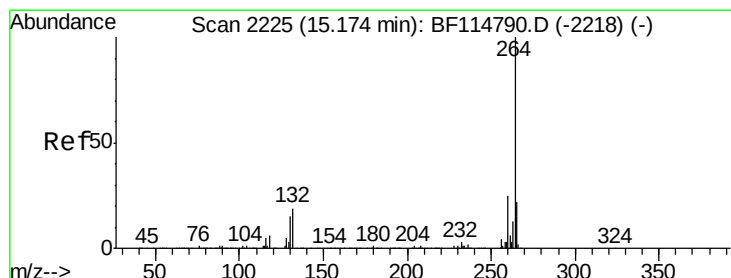
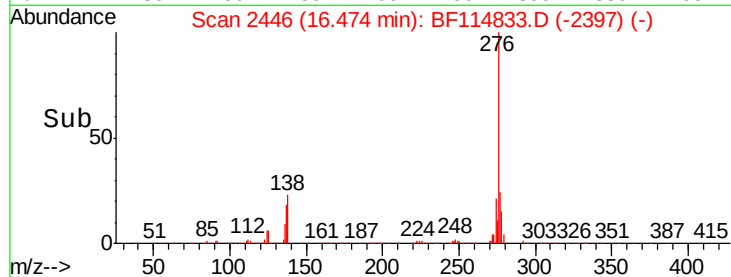
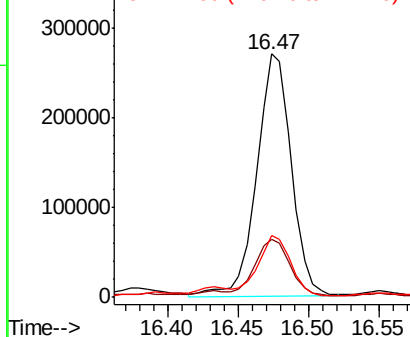
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 465388 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 25.0  | 22.2  | 33.4   |
| 277       | 24.1  | 20.6  | 30.8   |

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Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

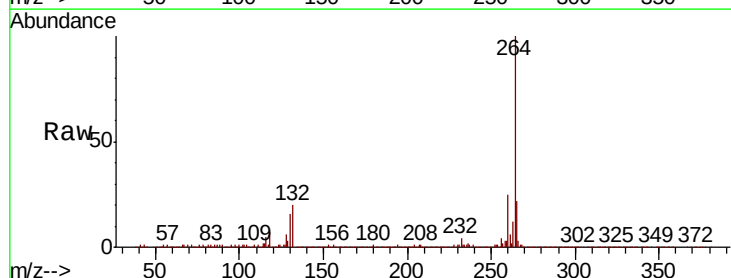
RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

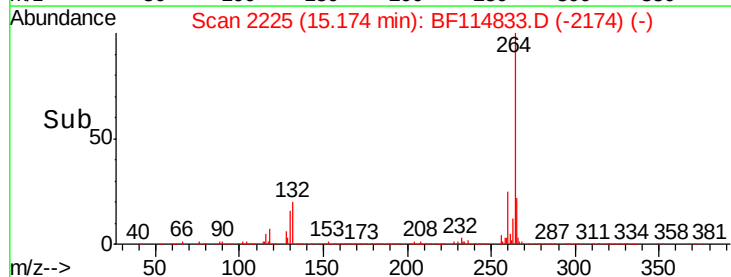
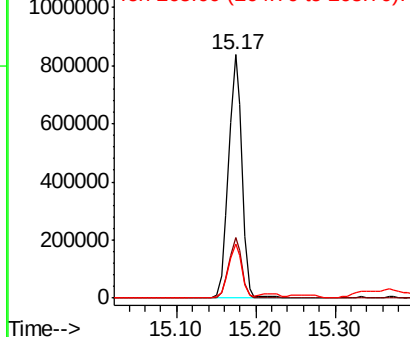
Lab File: BF114833.D

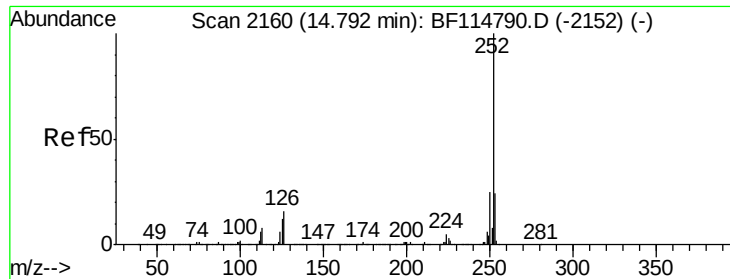
Acq: 5 Jun 2019 22:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 977526 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 25.1  | 20.1  | 30.1   |
| 265       | 22.4  | 17.7  | 26.5   |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





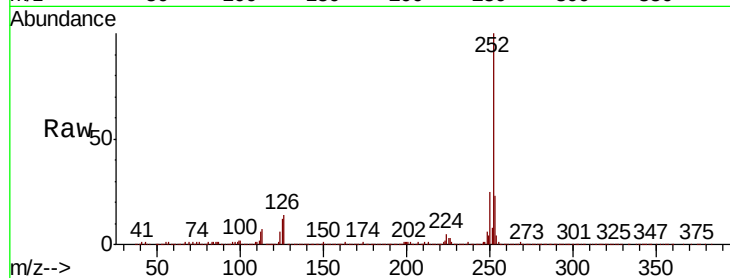
#88  
Benzo(b)fluoranthene  
Concen: 18.064 ng m  
RT: 14.79 min Scan# 2160  
Delta R.T. -0.00 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampled :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 19.0  | 28.6  |
| 125     | 12.2  | 9.4   | 14.0  |

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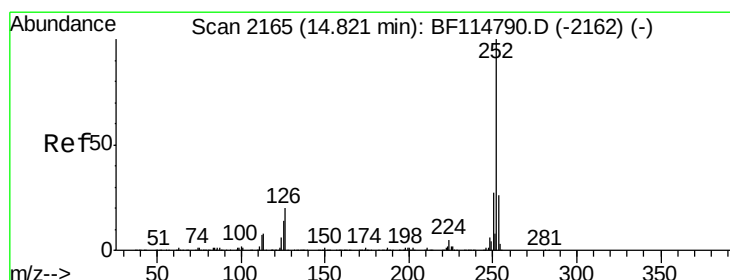
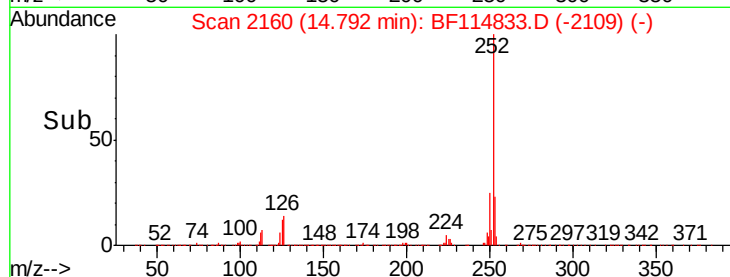
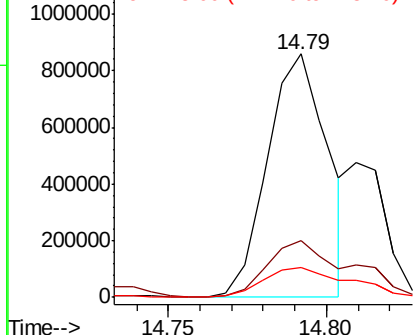


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89  
Benzo(k)fluoranthene  
Concen: 7.340 ng m  
RT: 14.81 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

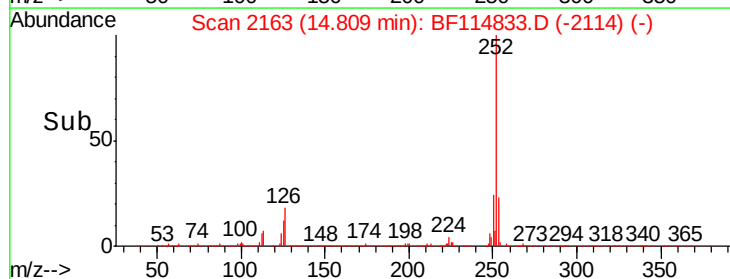
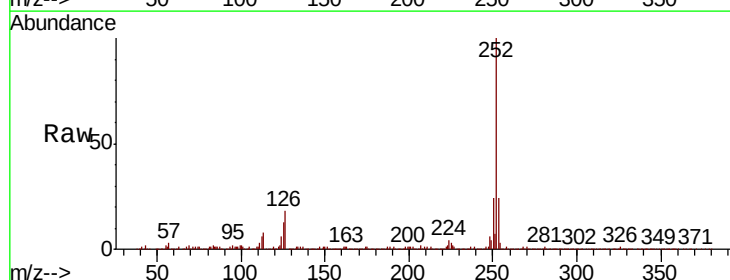
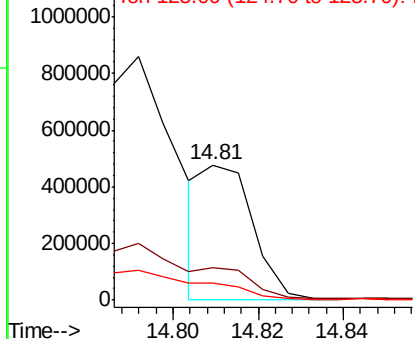
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.0  | 19.3  | 28.9  |
| 125     | 12.8  | 10.1  | 15.1  |

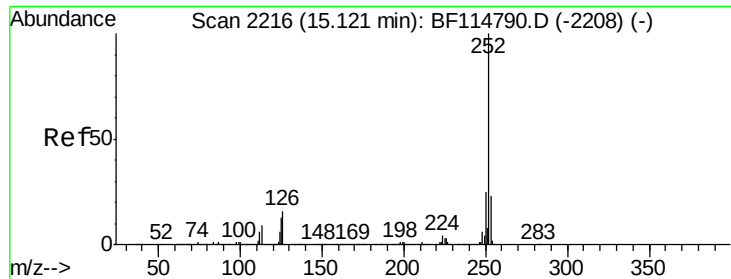
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





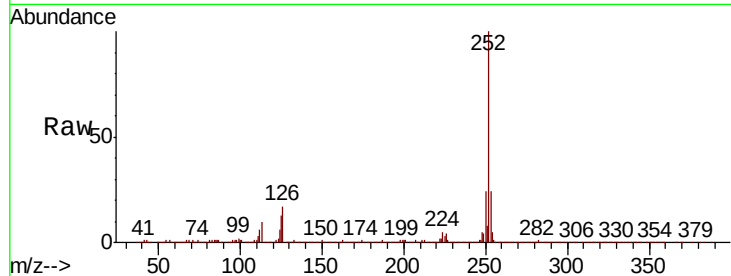
#90  
Benzo(a)pyrene  
Concen: 14.857 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

Instrument :  
BNA\_F  
ClientSampled :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 18.5  | 27.7  |
| 125     | 12.5  | 10.1  | 15.1  |

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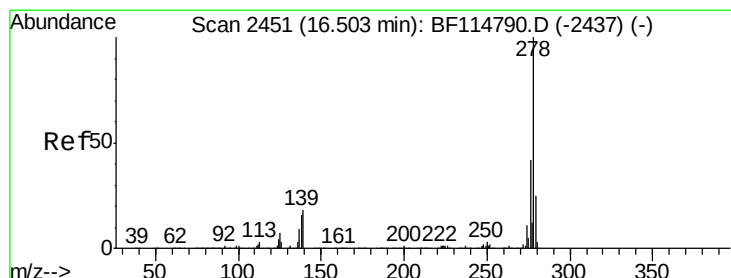
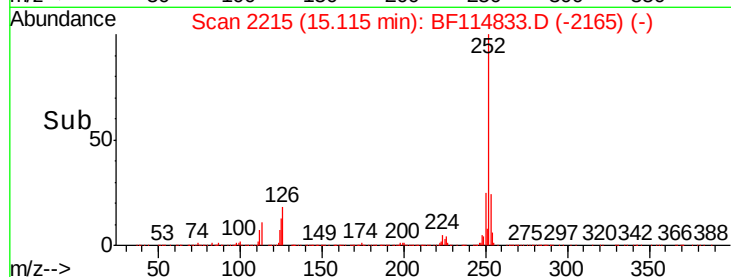
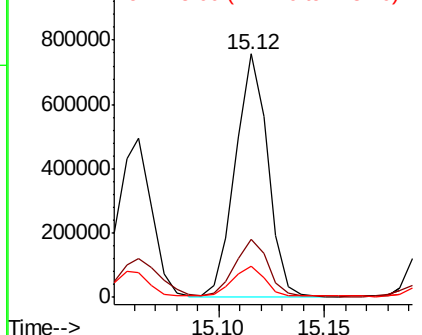


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91  
Dibenzo(a,h)anthracene  
Concen: 2.513 ng  
RT: 16.49 min Scan# 2448  
Delta R.T. -0.02 min  
Lab File: BF114833.D  
Acq: 5 Jun 2019 22:07

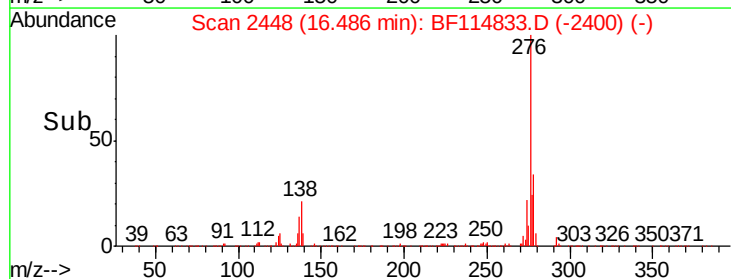
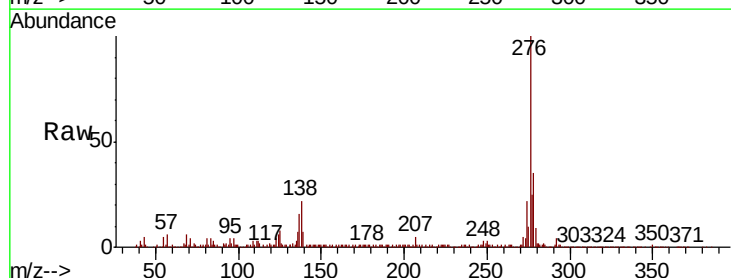
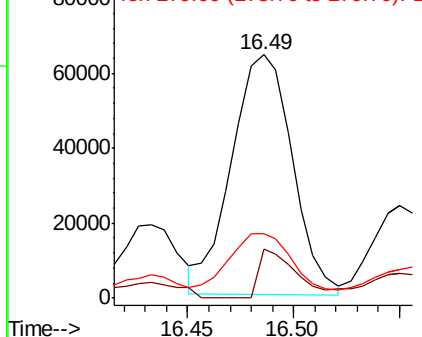
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.1  | 14.6  | 22.0  |
| 279     | 26.6  | 20.1  | 30.1  |

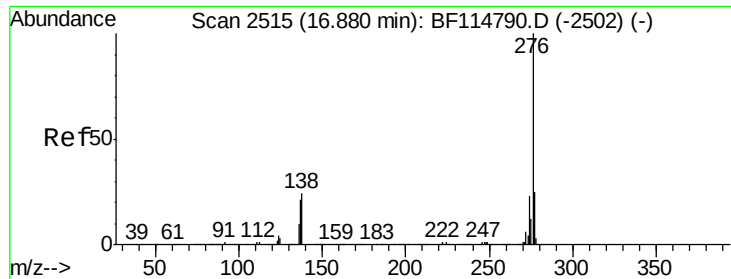
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92  
 Benzo(a,h,i)perylene  
 Concen: 7.655 ng  
 RT: 16.87 min Scan# 2513  
 Delta R.T. -0.01 min  
 Lab File: BF114833.D  
 Acq: 5 Jun 2019 22:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-8B

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 392650 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 24.2 | 19.8  | 29.6   |
| 138       | 25.0 | 19.4  | 29.2   |

Manual Integrations  
 APPROVED

mohammad  
 6/6/2019 4:50:28 PM

