

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\  
 Data File : BF121709.D  
 Acq On : 28 Sep 2020 13:35  
 Operator : JU/CG  
 Sample : L4136-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-B26-092420-0-10

Manual Integrations  
 APPROVED

Quant Time: Sep 28 15:11:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 11:40:42 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 149082   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 577558   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 300143   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.31 | 188  | 554462   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.95 | 240  | 370551   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.40 | 264  | 340472   | 20.00 | ng    | 0.00     |

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## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 835618  | 83.30 | ng | 0.00  |
| 7) Phenol-d6             | 6.43  | 99  | 1068381 | 81.18 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 737924  | 68.60 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 326608  | 87.55 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.15  | 172 | 1289180 | 65.05 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.90 | 244 | 1257038 | 68.73 | ng | 0.00  |

9/29/2020 3:24:19 PM

## Target Compounds

|                            |       |     |         |        |    | Qvalue |
|----------------------------|-------|-----|---------|--------|----|--------|
| 50) Dimethylphthalate      | 9.55  | 163 | 128877  | 5.924  | ng | 99     |
| 71) Phenanthrene           | 11.33 | 178 | 272639  | 9.025  | ng | 98     |
| 72) Anthracene             | 11.39 | 178 | 71412   | 2.291  | ng | 97     |
| 75) Fluoranthene           | 12.52 | 202 | 447263  | 13.869 | ng | 98     |
| 78) Pyrene                 | 12.75 | 202 | 436291  | 16.115 | ng | 98     |
| 81) Benzo(a)anthracene     | 13.94 | 228 | 188141  | 8.026  | ng | 98     |
| 83) Chrysene               | 13.97 | 228 | 171784m | 7.236  | ng |        |
| 87) Indeno(1,2,3-cd)pyrene | 16.82 | 276 | 131187  | 5.917  | ng | 95     |
| 88) Benzo(b)fluoranthene   | 14.98 | 252 | 237129m | 10.418 | ng |        |
| 89) Benzo(k)fluoranthene   | 15.00 | 252 | 67676m  | 3.247  | ng |        |
| 90) Benzo(a)pyrene         | 15.34 | 252 | 185379  | 9.582  | ng | 97     |
| 92) Benzo(a,h,i)perylene   | 17.25 | 276 | 134204  | 7.397  | ng | 98     |

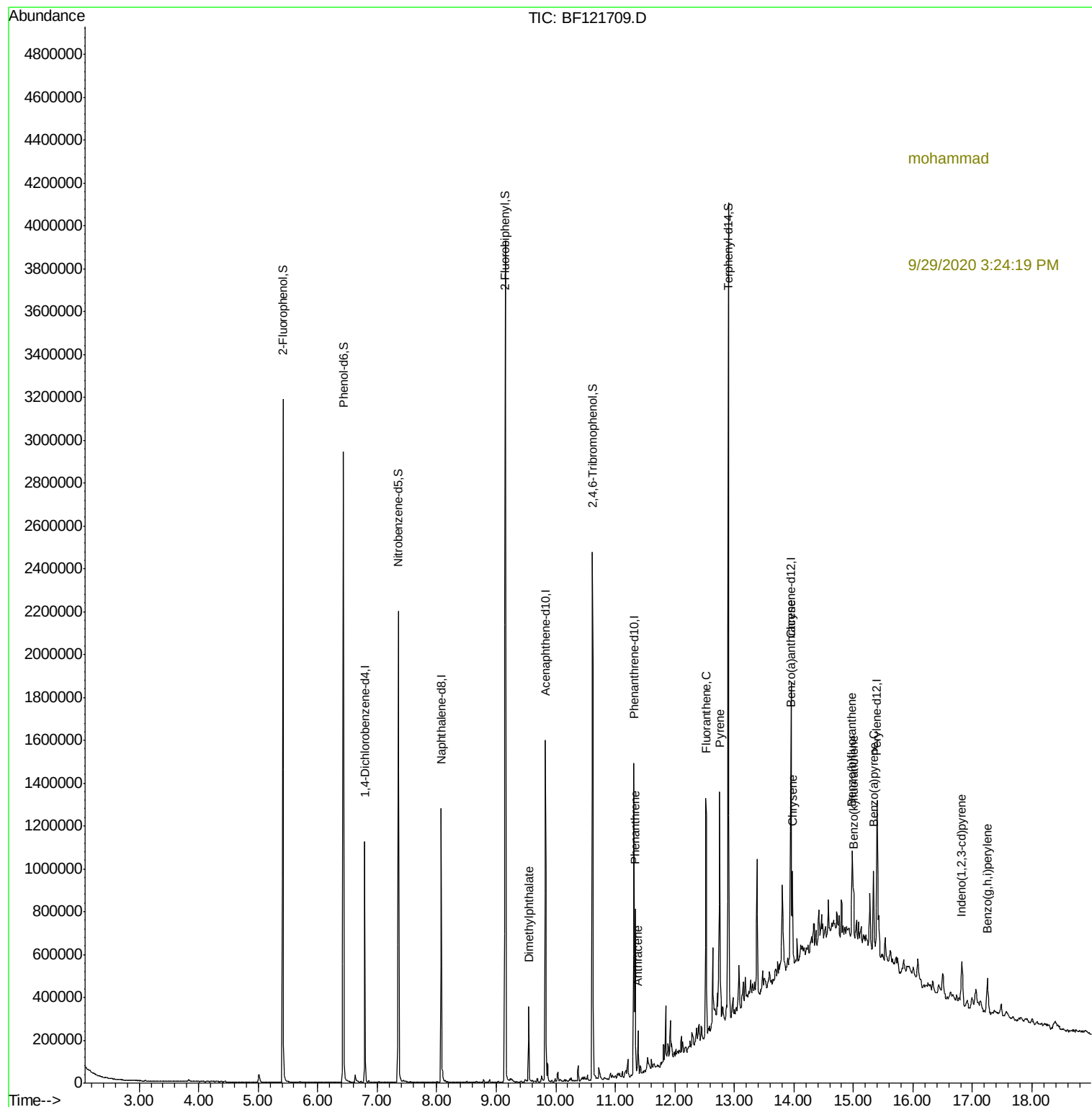
(#) = qualifier out of range (m) = manual integration (+) = signals summed

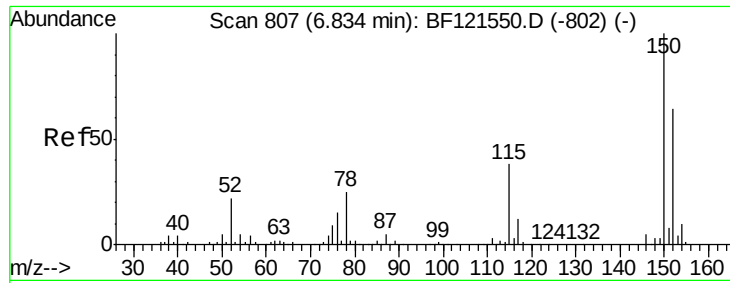
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\  
Data File : BF121709.D  
Acq On : 28 Sep 2020 13:35  
Operator : JU/CG  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PAV-B26-092420-0-10

Manual Integrations  
APPROVED

Quant Time: Sep 28 15:11:51 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 28 11:40:42 2020  
Response via : Initial Calibration



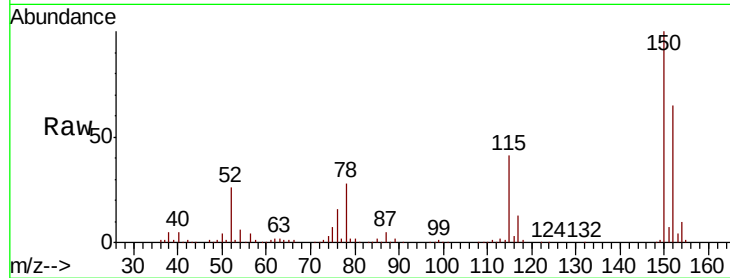


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.79 min Scan# 800  
 Delta R.T. -0.01 min  
 Lab File: BF121709.D  
 Acq: 28 Sep 2020 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 122.6 | 184.0 |
| 115     | 62.8  | 47.1  | 70.7  |

Manual Integrations  
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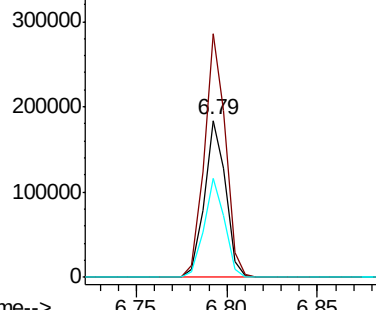


Abundance

Ion 152.00 (151.70 to 152.70): E

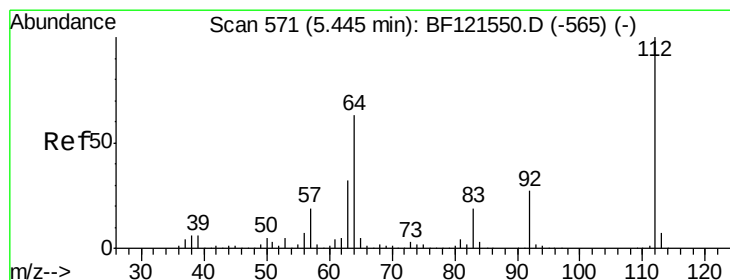
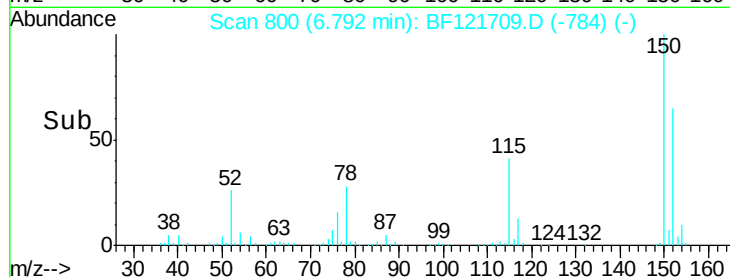
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



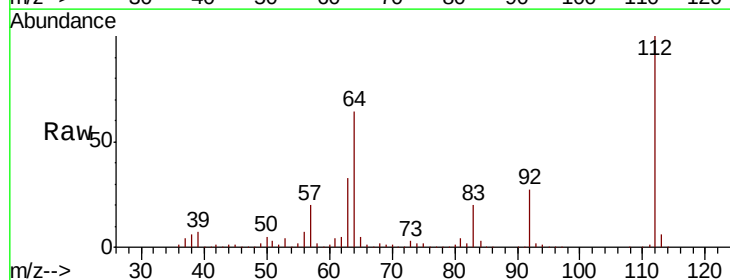
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9/29/2020 3:24:19 PM



#5  
 2-Fluorophenol  
 Concen: 83.299 ng  
 RT: 5.42 min Scan# 566  
 Delta R.T. 0.00 min  
 Lab File: BF121709.D  
 Acq: 28 Sep 2020 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 63.7  | 49.5  | 74.3  |
| 63      | 32.6  | 25.4  | 38.0  |

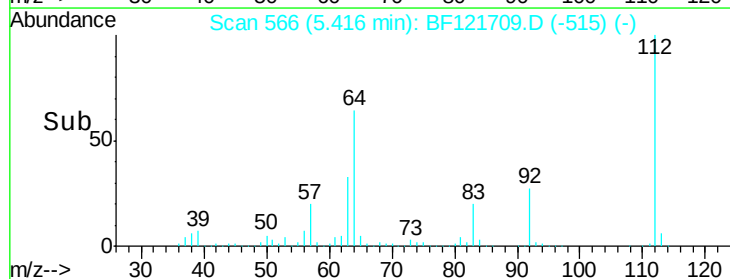
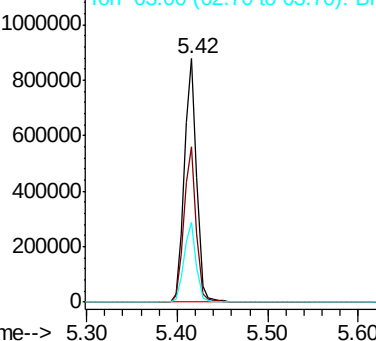


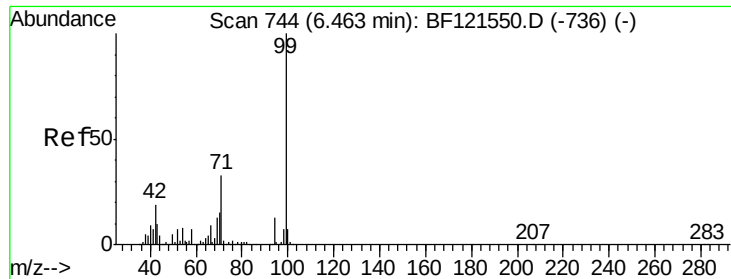
Abundance

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: 81.179 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121709.D

Acq: 28 Sep 2020 13:35

Instrument :

BNA\_F

ClientSampleId :

PAV-B26-092420-0-10

Tot Ion: 99 Resp: 1068381

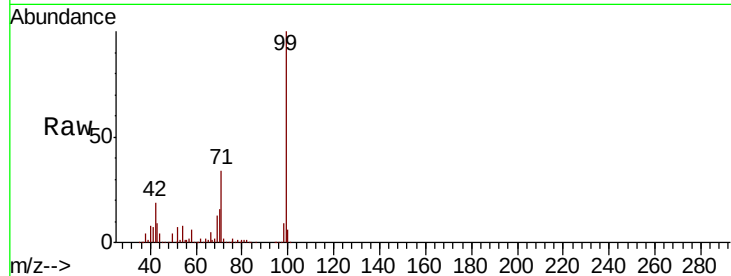
Ion Ratio Lower Upper

99 100

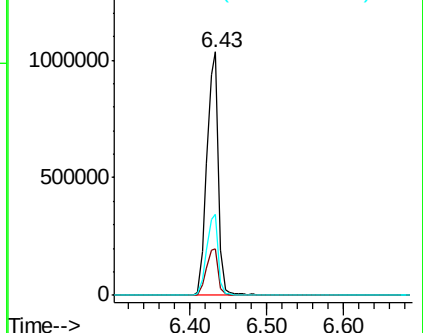
42 19.1 16.1 24.1

71 33.5 27.6 41.4

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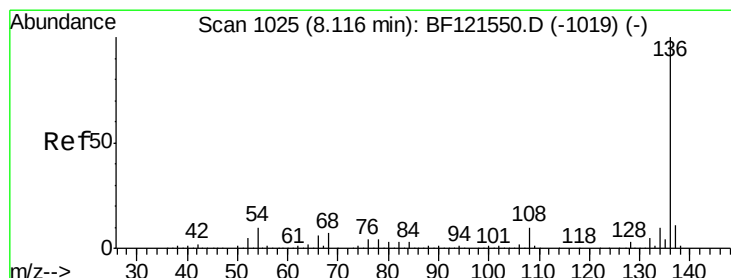
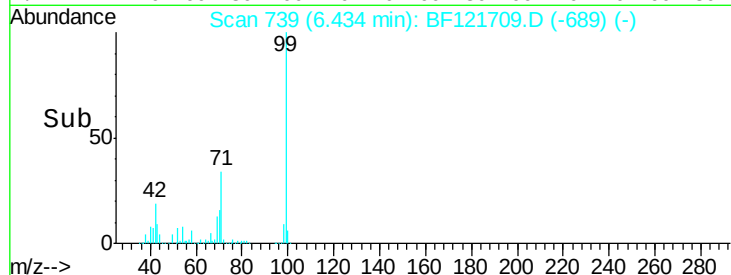


Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



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9/29/2020 3:24:19 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121709.D

Acq: 28 Sep 2020 13:35

Tgt Ion: 136 Resp: 577558

Ion Ratio Lower Upper

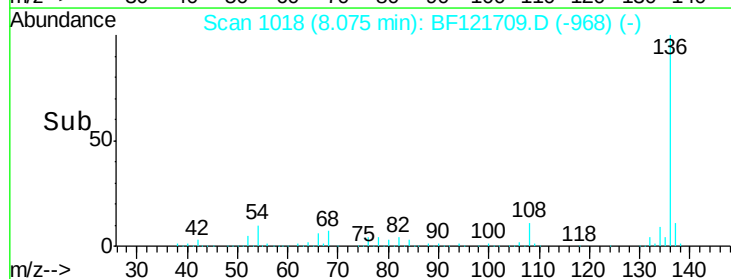
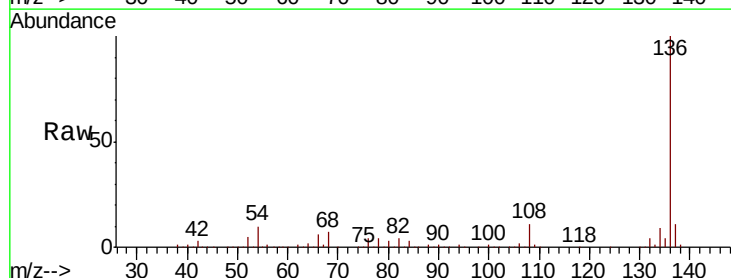
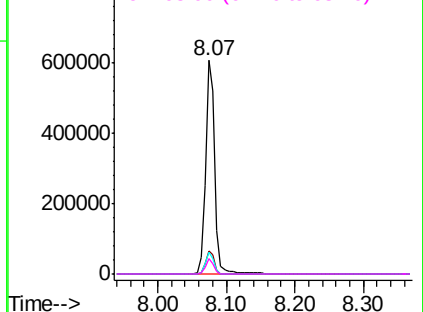
136 100

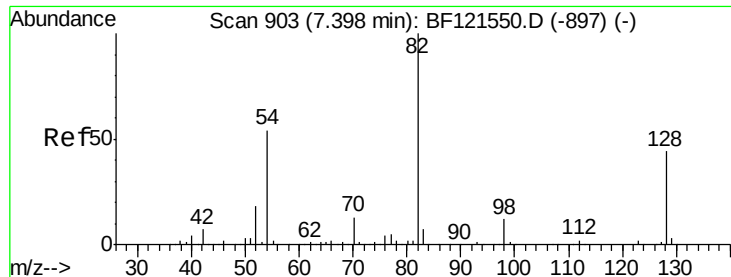
137 11.0 8.8 13.2

54 9.9 7.5 11.3

68 7.3 5.5 8.3

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



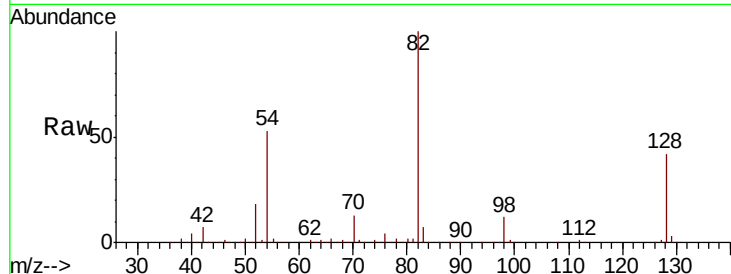


#23  
Nitrobenzene-d5  
Concen: 68.600 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

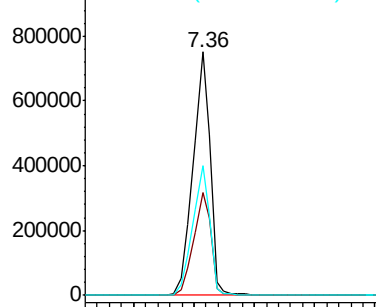
Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 42.1  | 35.8 | 53.6  |       |
| 54      | 53.4  | 42.6 | 63.8  |       |

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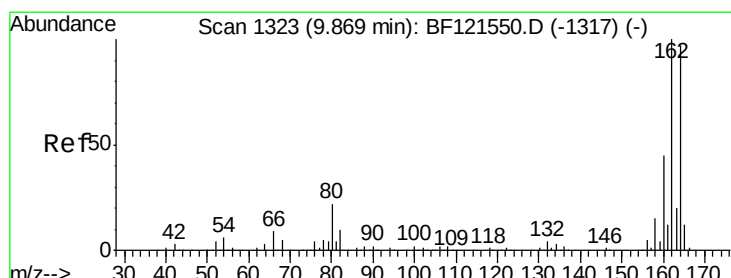
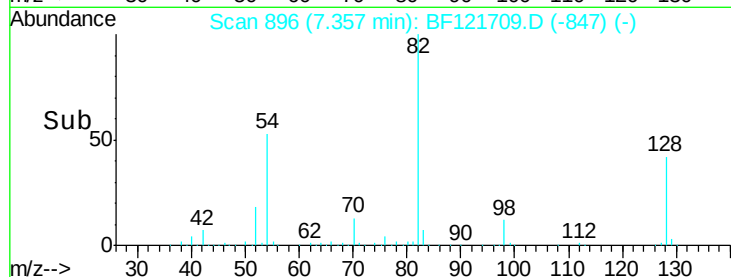


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1



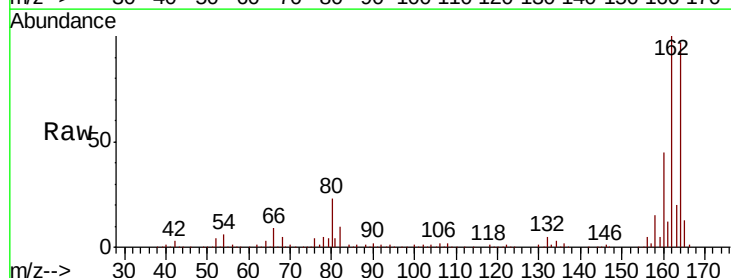
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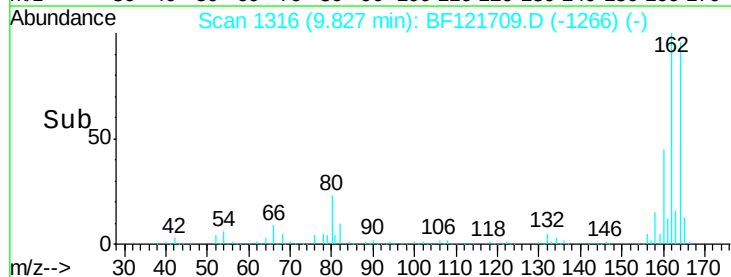
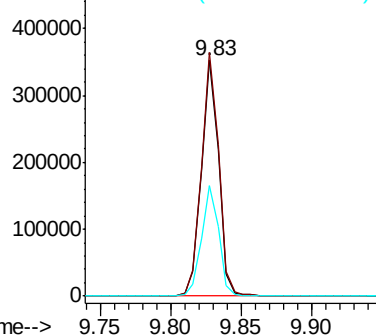


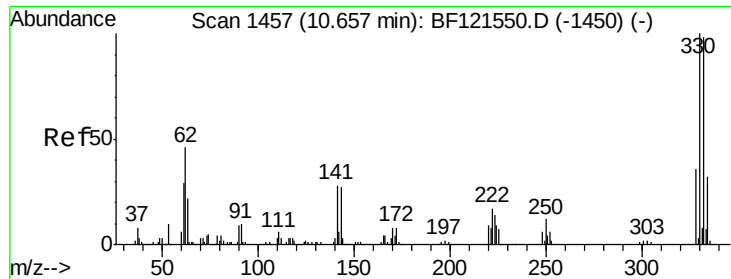
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.4 | 82.1 | 123.1 |       |
| 160     | 47.0  | 36.8 | 55.2  |       |



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



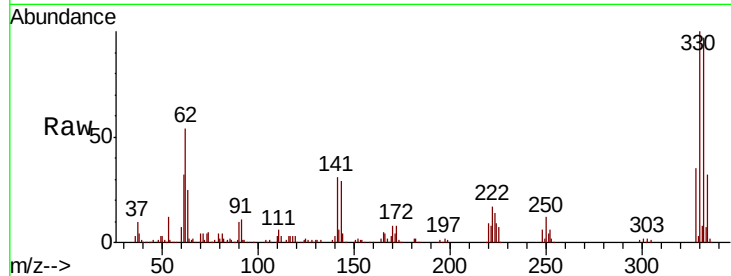


#42  
 2,4,6-Tribromophenol  
 Concen: 87.554 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF121709.D  
 Acq: 28 Sep 2020 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PAV-B26-092420-0-10

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.0  | 76.0 | 114.0 |       |
| 141     | 28.3  | 22.2 | 33.4  |       |

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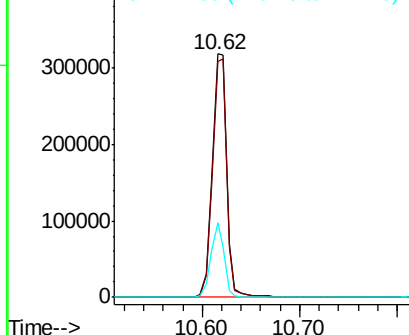


Abundance

Ion 329.80 (329.50 to 330.50): E

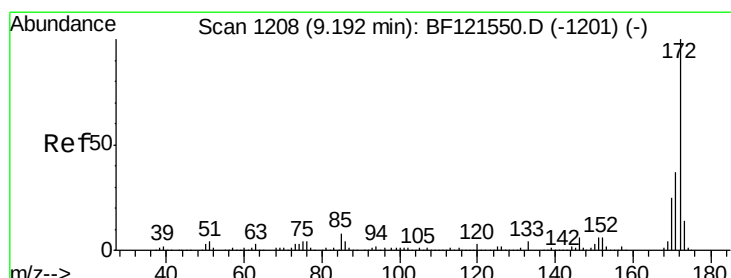
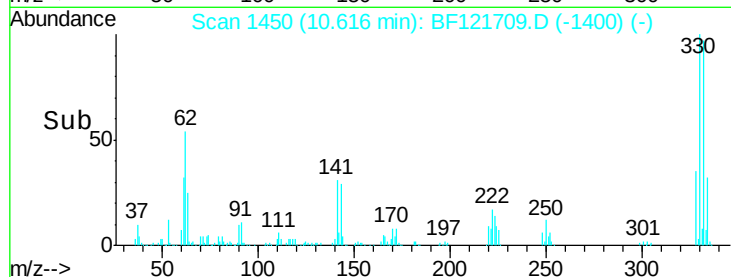
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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9/29/2020 3:24:19 PM



#45  
 2-Fluorobiphenyl  
 Concen: 65.052 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF121709.D  
 Acq: 28 Sep 2020 13:35

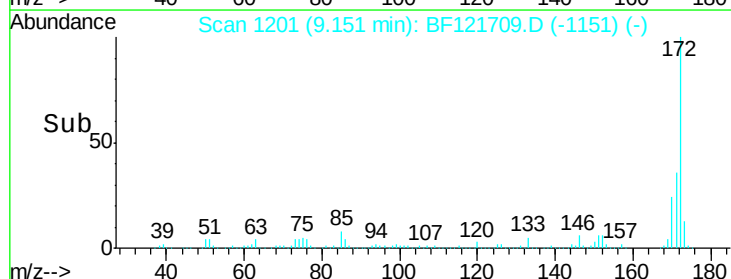
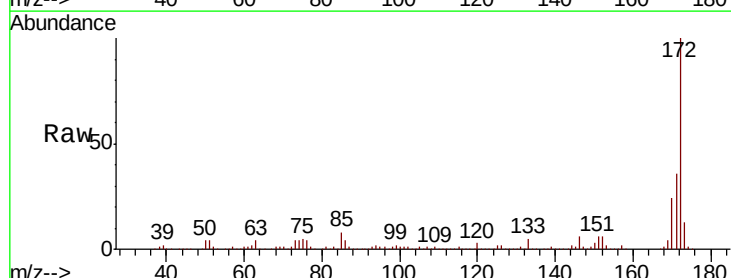
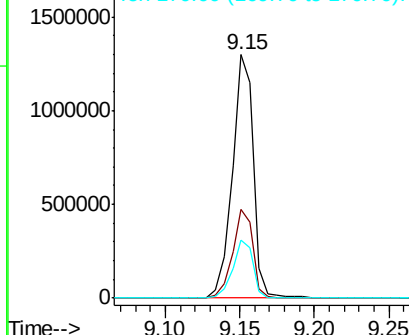
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 36.3  | 29.0 | 43.6  |       |
| 170     | 23.9  | 19.5 | 29.3  |       |

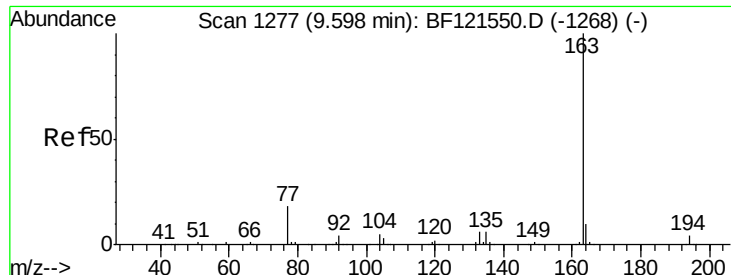
Abundance

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



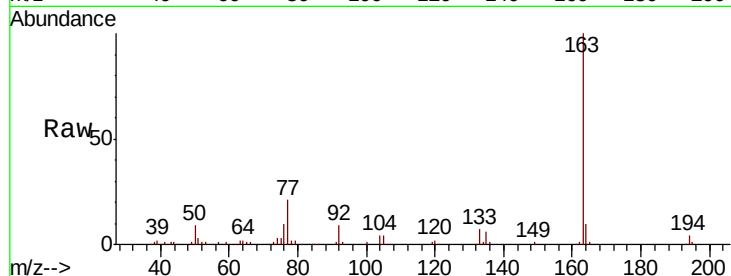


#50  
Dimethylphthalate  
Concen: 5.924 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.02 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 128877 |       |       |
| 194     | 3.8   |        | 3.4   | 5.0   |
| 164     | 9.8   |        | 8.2   | 12.2  |

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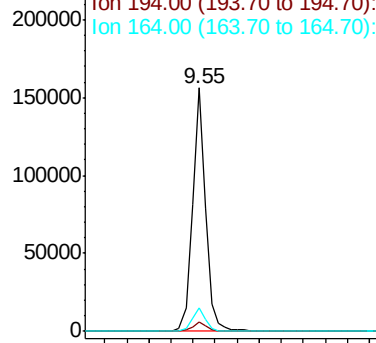


Abundance

Ion 163.00 (162.70 to 163.70): E

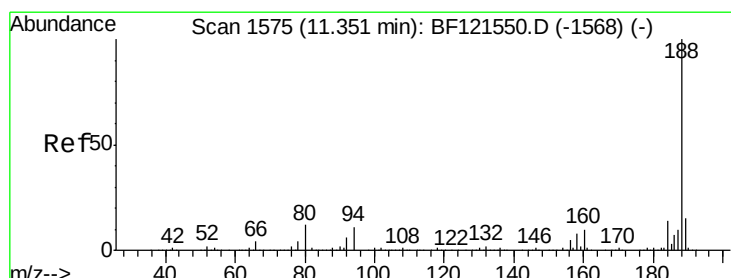
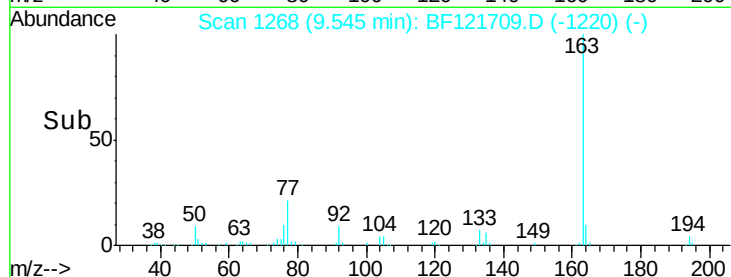
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



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9/29/2020 3:24:19 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.31 min Scan# 1568  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

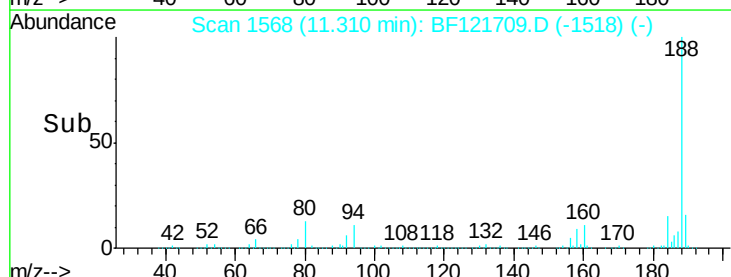
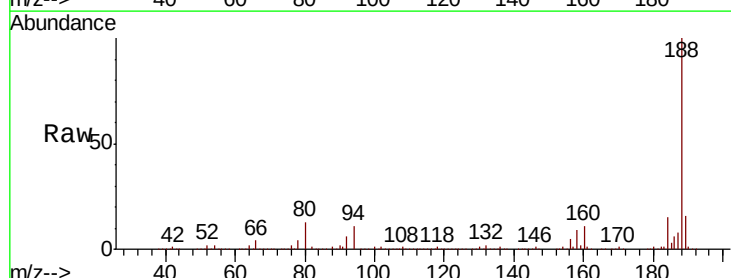
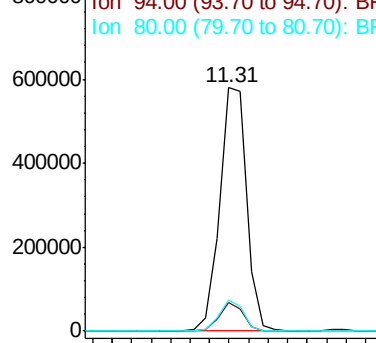
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 554462 |       |       |
| 94      | 11.5  |        | 8.4   | 12.6  |
| 80      | 12.6  |        | 9.3   | 13.9  |

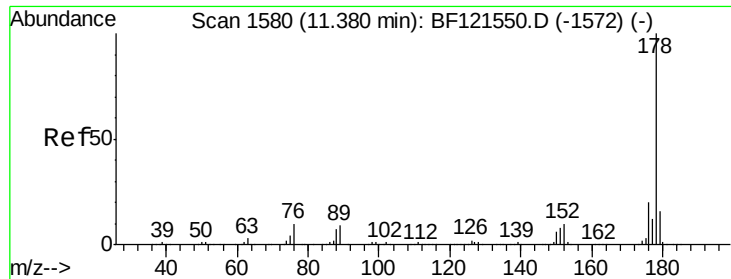
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



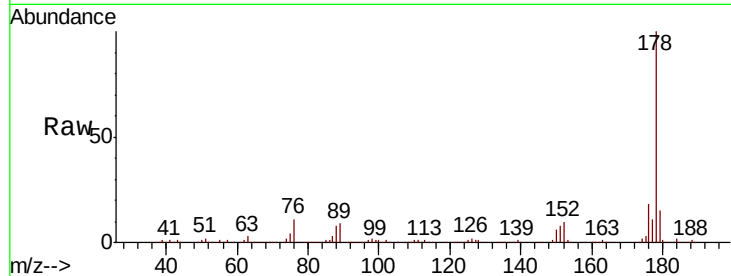


#71  
Phenanthrene  
Concen: 9.025 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 16.2  | 24.4  |
| 179     | 15.5  | 12.5  | 18.7  |

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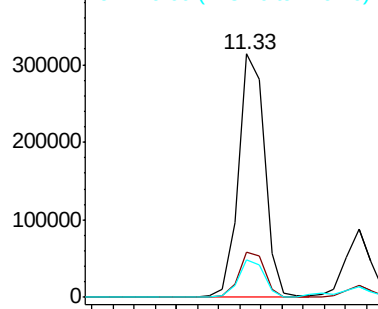


Abundance

Ion 178.00 (177.70 to 178.70): E

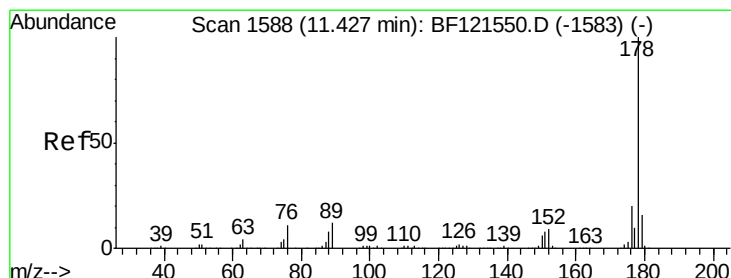
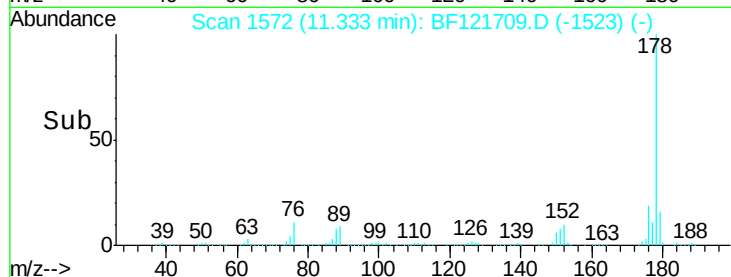
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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9/29/2020 3:24:19 PM



#72  
Anthracene  
Concen: 2.291 ng  
RT: 11.39 min Scan# 1581  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

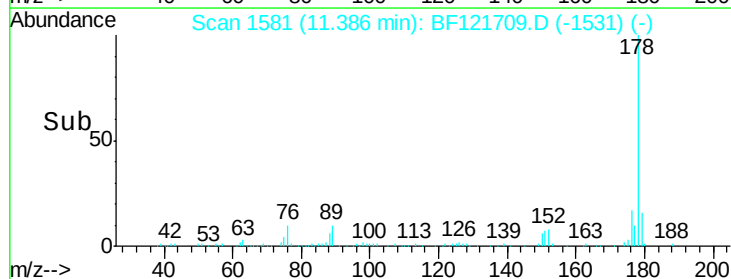
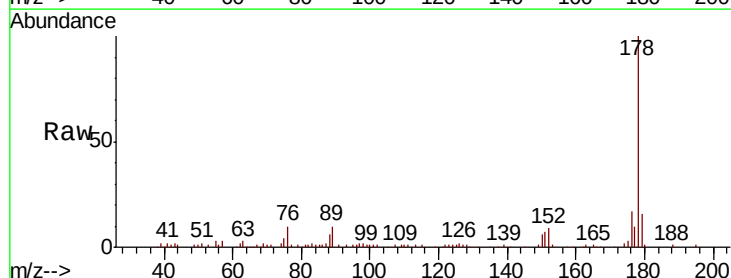
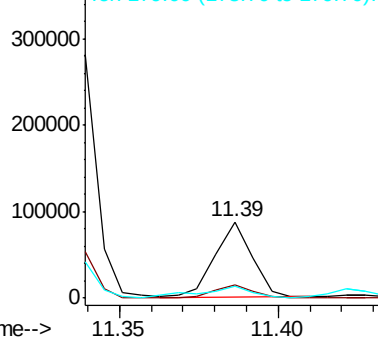
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.2  | 15.6  | 23.4  |
| 179     | 15.6  | 12.7  | 19.1  |

Abundance

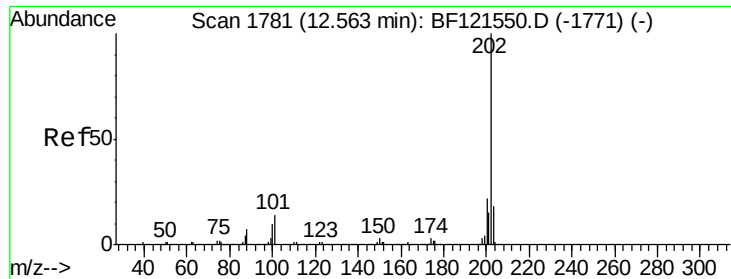
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#75

Fluoranthene

Concen: 13.869 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF121709.D

Acq: 28 Sep 2020 13:35

Instrument :

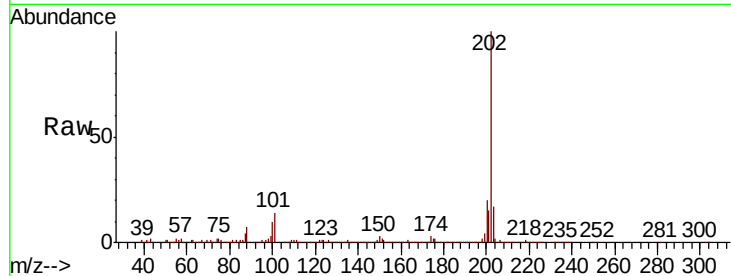
BNA\_F

ClientSampleId :

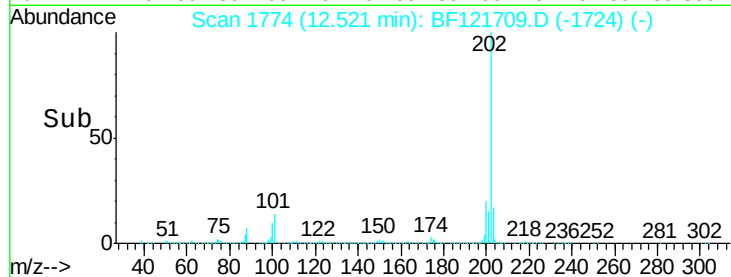
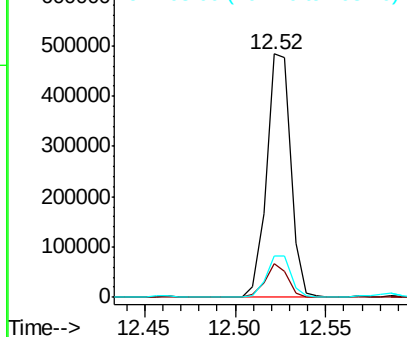
PAV-B26-092420-0-10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 447263 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.8  | 0.0   | 33.7   |
| 203       | 17.2  | 0.0   | 38.5   |

Manual Integrations  
APPROVED

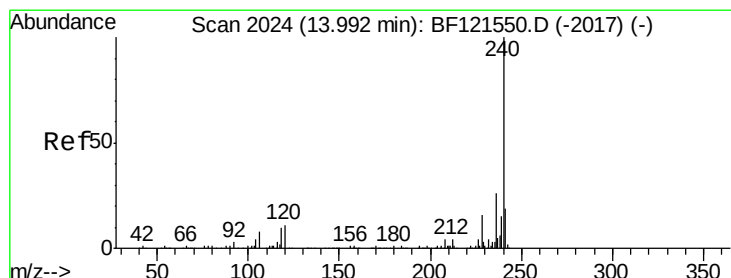


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



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9/29/2020 3:24:19 PM



#76

Chrysene-d12

Concen: 20.000 ng

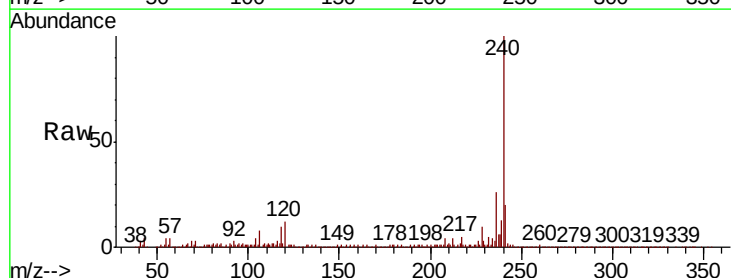
RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

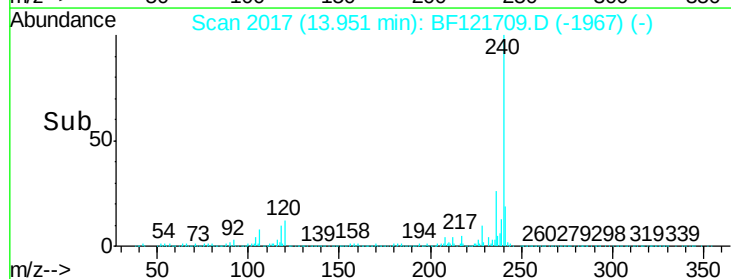
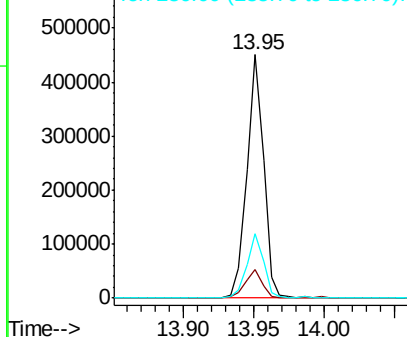
Lab File: BF121709.D

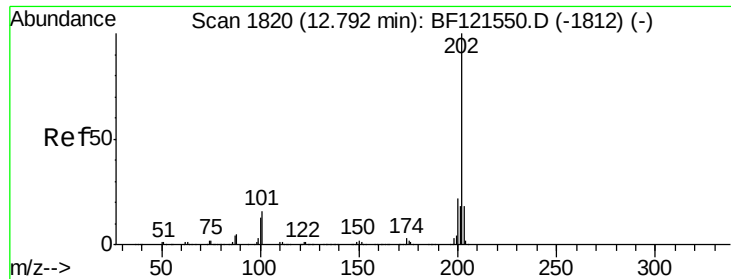
Acq: 28 Sep 2020 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 370551 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.8  | 9.1   | 13.7   |
| 236       | 26.4  | 20.6  | 30.8   |



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



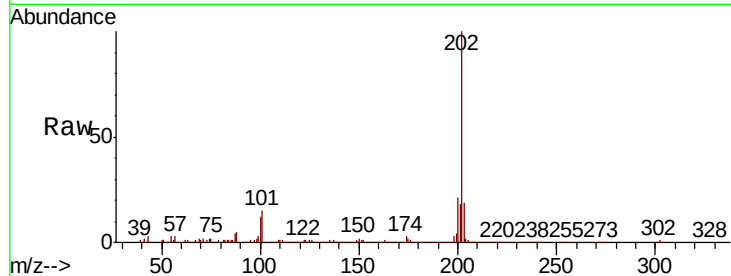


#78  
Pvrene  
Concen: 16.115 ng  
RT: 12.75 min Scan# 1813  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 17.8  | 26.8  |
| 203     | 18.6  | 14.3  | 21.5  |

Manual Integrations  
APPROVED

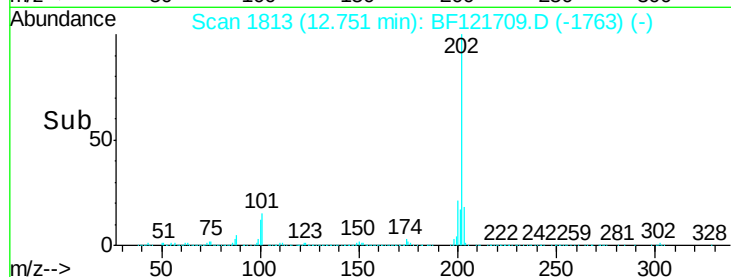
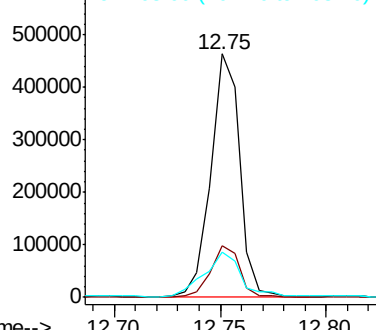


Abundance

Ion 202.00 (201.70 to 202.70): E

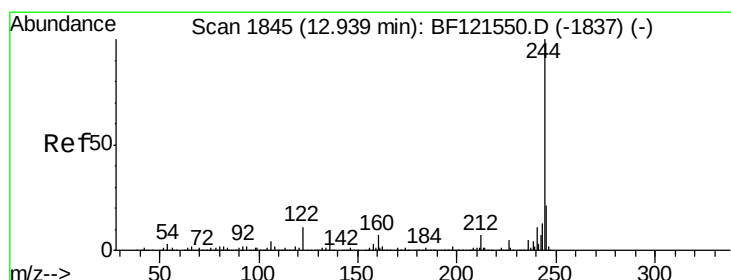
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



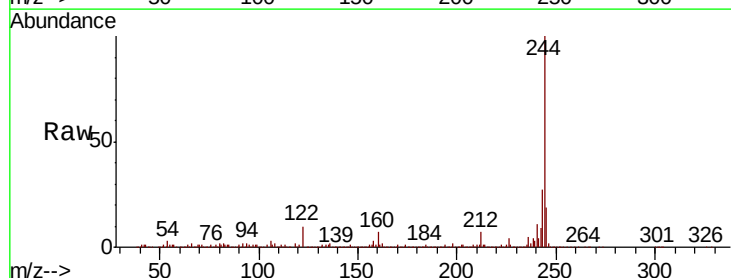
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9/29/2020 3:24:19 PM



#79  
Terphenyl-d14  
Concen: 68.726 ng  
RT: 12.90 min Scan# 1839  
Delta R.T. 0.00 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.6   | 8.4   |
| 122     | 9.7   | 8.0   | 12.0  |

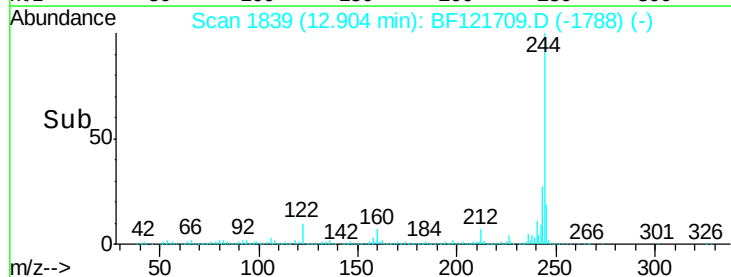
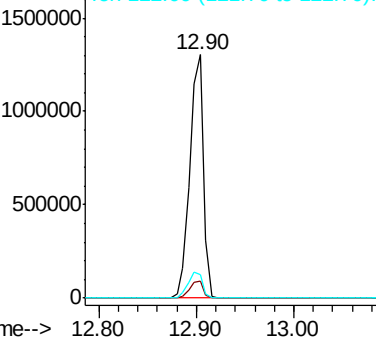


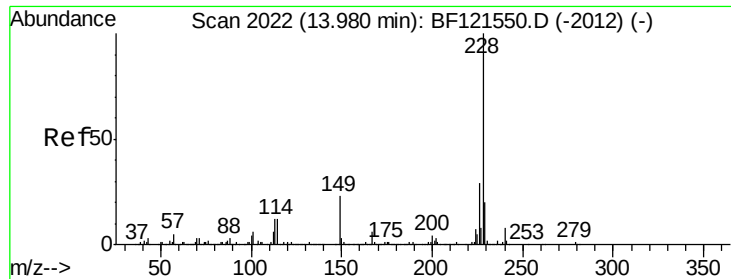
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



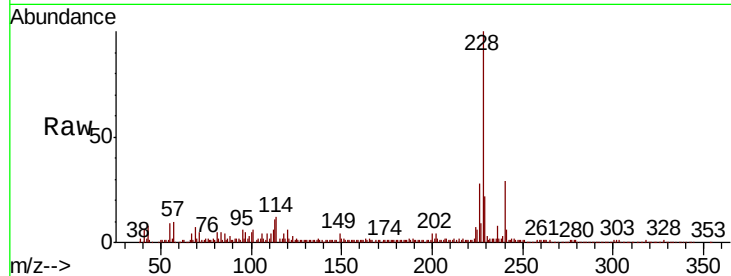


#81  
Benzo(a)anthracene  
Concen: 8.026 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.5  | 33.7  |
| 229     | 22.1  | 16.2  | 24.4  |

Manual Integrations  
APPROVED

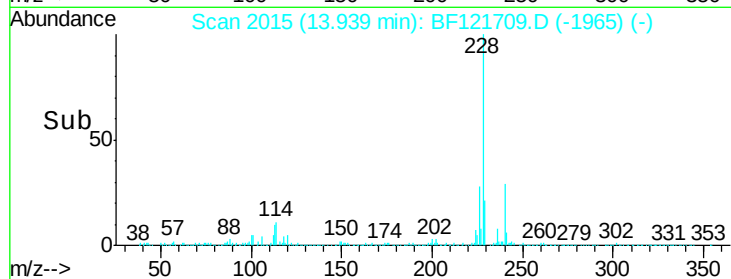
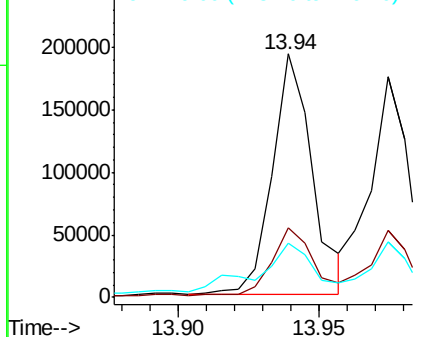


Abundance

Ion 228.00 (227.70 to 228.70): E

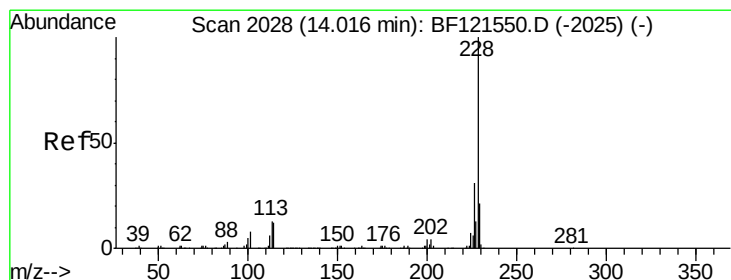
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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9/29/2020 3:24:19 PM



#83  
Chrysene  
Concen: 7.236 ng m  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

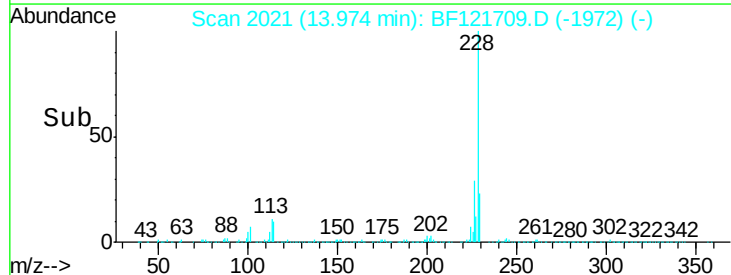
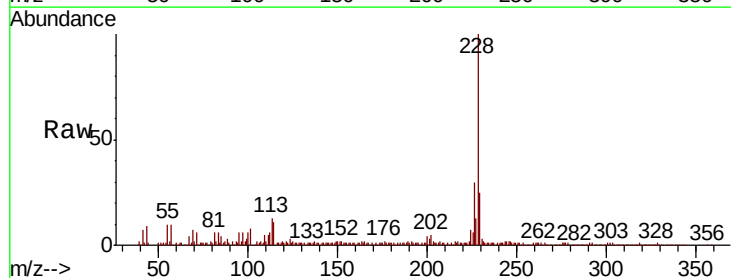
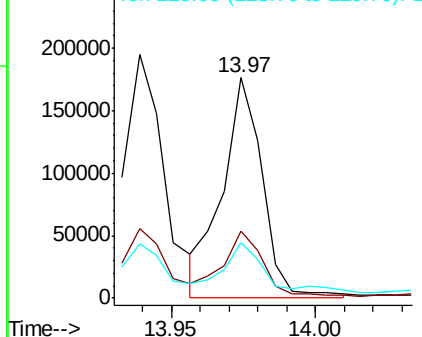
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 25.0  | 37.4  |
| 229     | 25.0  | 16.0  | 24.0# |

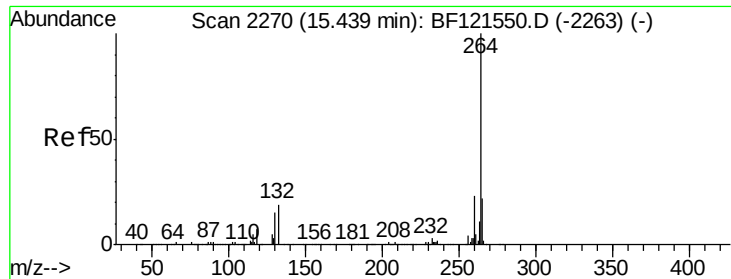
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF121709.D

Acq: 28 Sep 2020 13:35

Instrument :

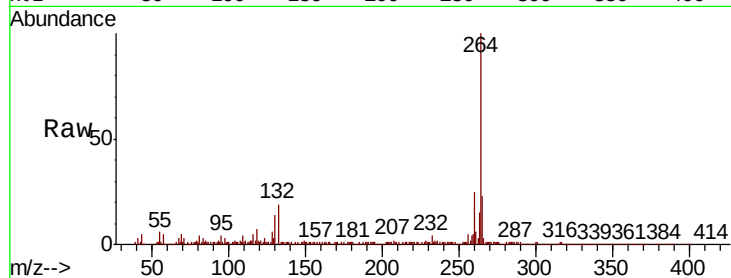
BNA\_F

ClientSampleId :

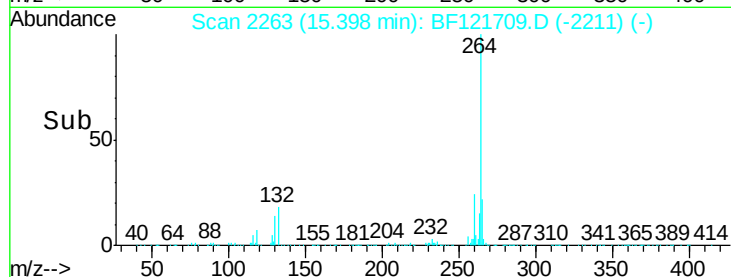
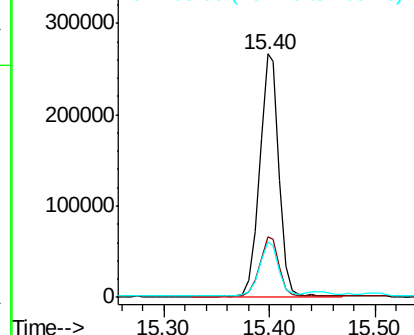
PAV-B26-092420-0-10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 340472 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.7  | 18.4  | 27.6   |
| 265       | 22.9  | 17.2  | 25.8   |

Manual Integrations  
APPROVED

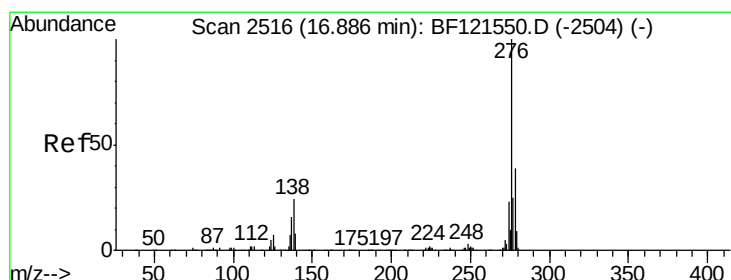


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



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9/29/2020 3:24:19 PM



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.917 ng

RT: 16.82 min Scan# 2505

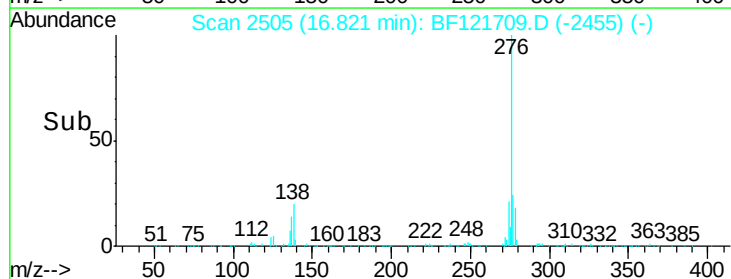
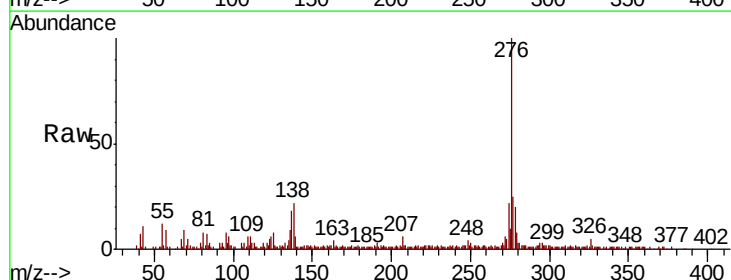
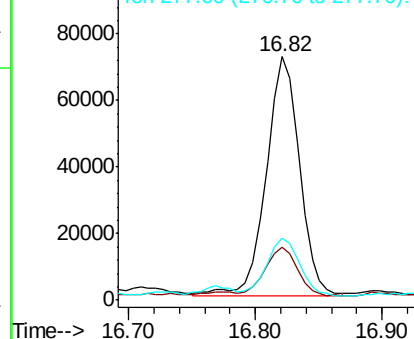
Delta R.T. -0.01 min

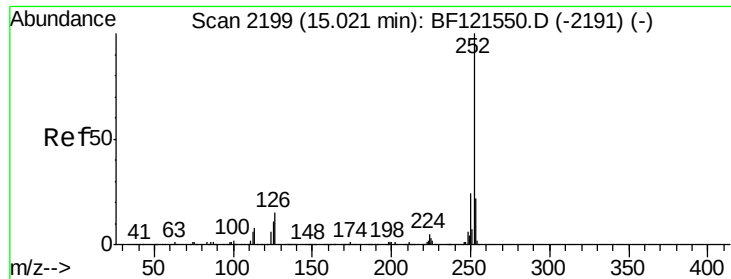
Lab File: BF121709.D

Acq: 28 Sep 2020 13:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 131187 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 19.9  | 19.5  | 29.3   |
| 277       | 24.5  | 20.2  | 30.4   |

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



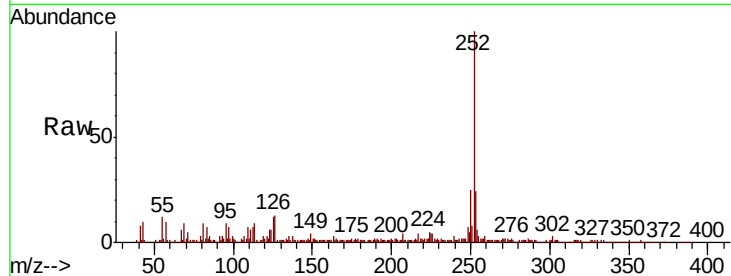


#88  
Benzo(b)fluoranthene  
Concen: 10.418 ng m  
RT: 14.98 min Scan# 2192  
Delta R.T. 0.00 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

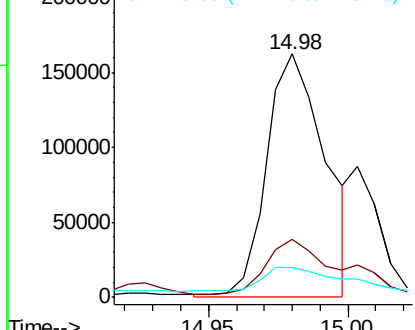
Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.0  | 17.8  | 26.6  |
| 125     | 12.5  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

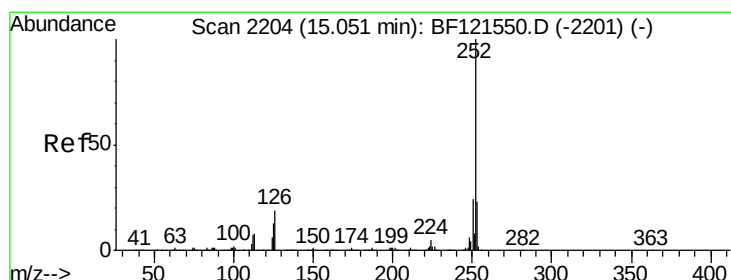
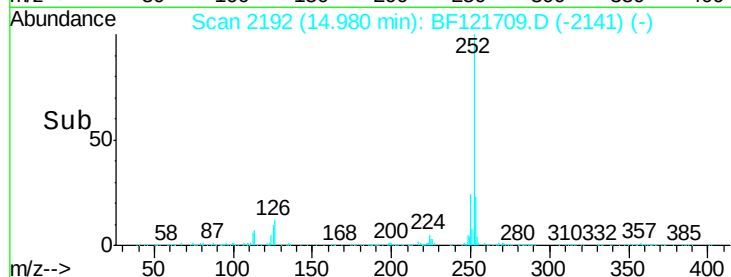


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



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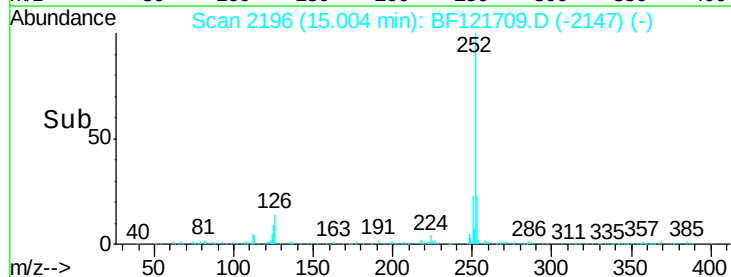
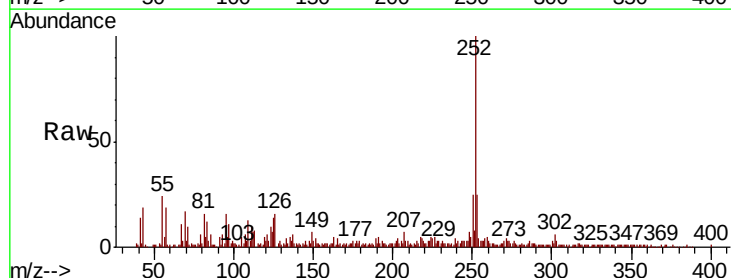
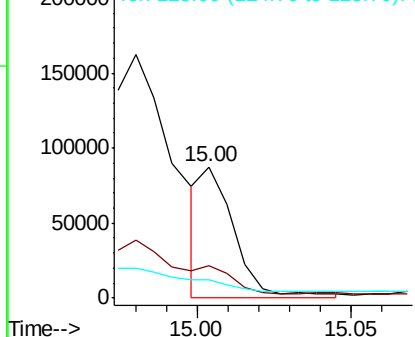
9/29/2020 3:24:19 PM

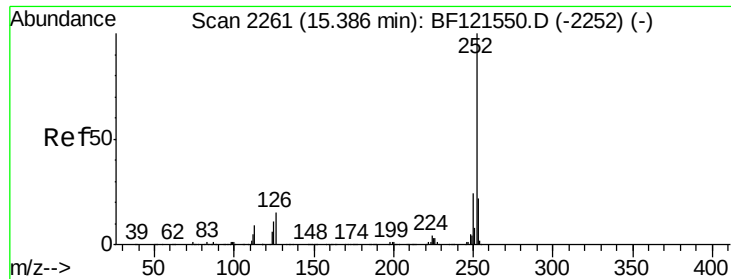


#89  
Benzo(k)fluoranthene  
Concen: 3.247 ng m  
RT: 15.00 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.9  | 17.6  | 26.4  |
| 125     | 14.4  | 7.1   | 10.7# |

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



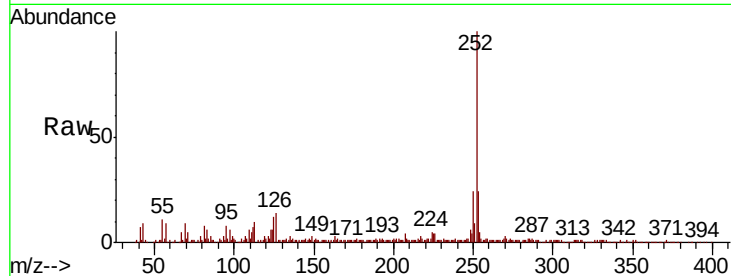


#90  
Benzo(a)pyrene  
Concen: 9.582 ng  
RT: 15.34 min Scan# 2253  
Delta R.T. 0.00 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

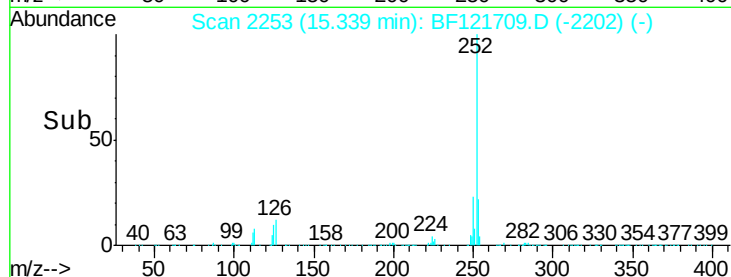
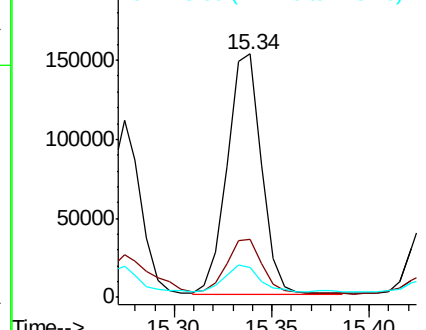
Instrument :  
BNA\_F  
ClientSampleId :  
PAV-B26-092420-0-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 17.4  | 26.2  |
| 125     | 12.2  | 9.2   | 13.8  |

Manual Integrations  
APPROVED

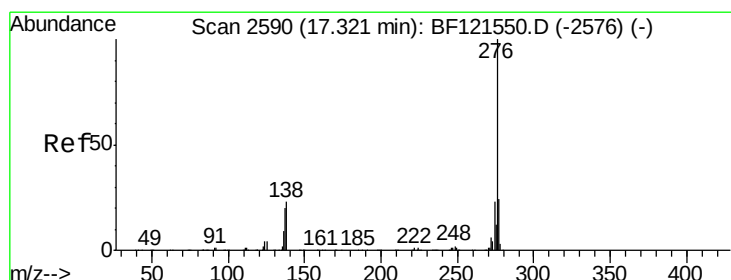


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



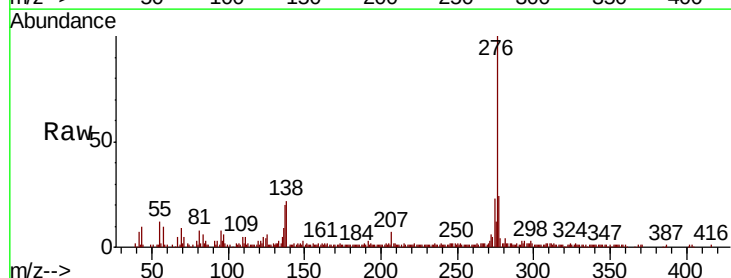
mohammad

9/29/2020 3:24:19 PM



#92  
Benzo(g,h,i)perylene  
Concen: 7.397 ng  
RT: 17.25 min Scan# 2578  
Delta R.T. -0.01 min  
Lab File: BF121709.D  
Acq: 28 Sep 2020 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.8  | 28.2  |
| 138     | 22.3  | 16.6  | 25.0  |



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

