

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\  
 Data File : BF115256.D  
 Acq On : 28 Jun 2019 1:21  
 Operator : HP/JU  
 Sample : K3532-05 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

Manual Integrations  
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 6/28/2019 2:58:54 PM

Quant Time: Jun 28 07:35:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 235527   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 918545   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.62  | 164  | 460367   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.10 | 188  | 927291   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.72 | 240  | 740083   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.08 | 264  | 696782   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 5) 2-Fluorophenol           | 5.19  | 112 | 699186 | 45.81 | ng | 0.00  |
| 7) Phenol-d6                | 6.23  | 99  | 882067 | 47.61 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.15  | 82  | 500588 | 33.52 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.40 | 330 | 257993 | 53.14 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 8.95  | 172 | 863827 | 31.87 | ng | 0.00  |
| 79) Terphenyl-d14           | 12.68 | 244 | 975145 | 28.01 | ng | 0.00  |

|                            |       |     |          |        |    |    |
|----------------------------|-------|-----|----------|--------|----|----|
| Target Compounds           |       |     |          | Qvalue |    |    |
| 49) Acenaphthylene         | 9.48  | 152 | 100665   | 2.162  | ng | 95 |
| 50) Dimethylphthalate      | 9.35  | 163 | 138767   | 4.097  | ng | 99 |
| 71) Phenanthrene           | 11.12 | 178 | 727866   | 14.579 | ng | 97 |
| 72) Anthracene             | 11.17 | 178 | 209289   | 4.153  | ng | 98 |
| 75) Fluoranthene           | 12.30 | 202 | 1701448  | 34.156 | ng | 98 |
| 78) Pyrene                 | 12.52 | 202 | 1696510  | 29.828 | ng | 98 |
| 80) Butylbenzylphthalate   | 13.17 | 149 | 1115421  | 44.439 | ng | 92 |
| 81) Benzo(a)anthracene     | 13.71 | 228 | 728150   | 13.712 | ng | 97 |
| 83) Chrysene               | 13.74 | 228 | 907659   | 18.659 | ng | 97 |
| 86) Indeno(1,2,3-cd)pyrene | 16.34 | 276 | 288568   | 5.013  | ng | 95 |
| 88) Benzo(b)fluoranthene   | 14.71 | 252 | 1017066m | 23.393 | ng |    |
| 89) Benzo(k)fluoranthene   | 14.73 | 252 | 233707m  | 5.994  | ng |    |
| 90) Benzo(a)pyrene         | 15.02 | 252 | 546196   | 13.938 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 16.35 | 278 | 74611m   | 2.039  | ng |    |
| 92) Benzo(a,h,i)perylene   | 16.71 | 276 | 256952   | 6.940  | ng | 97 |

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

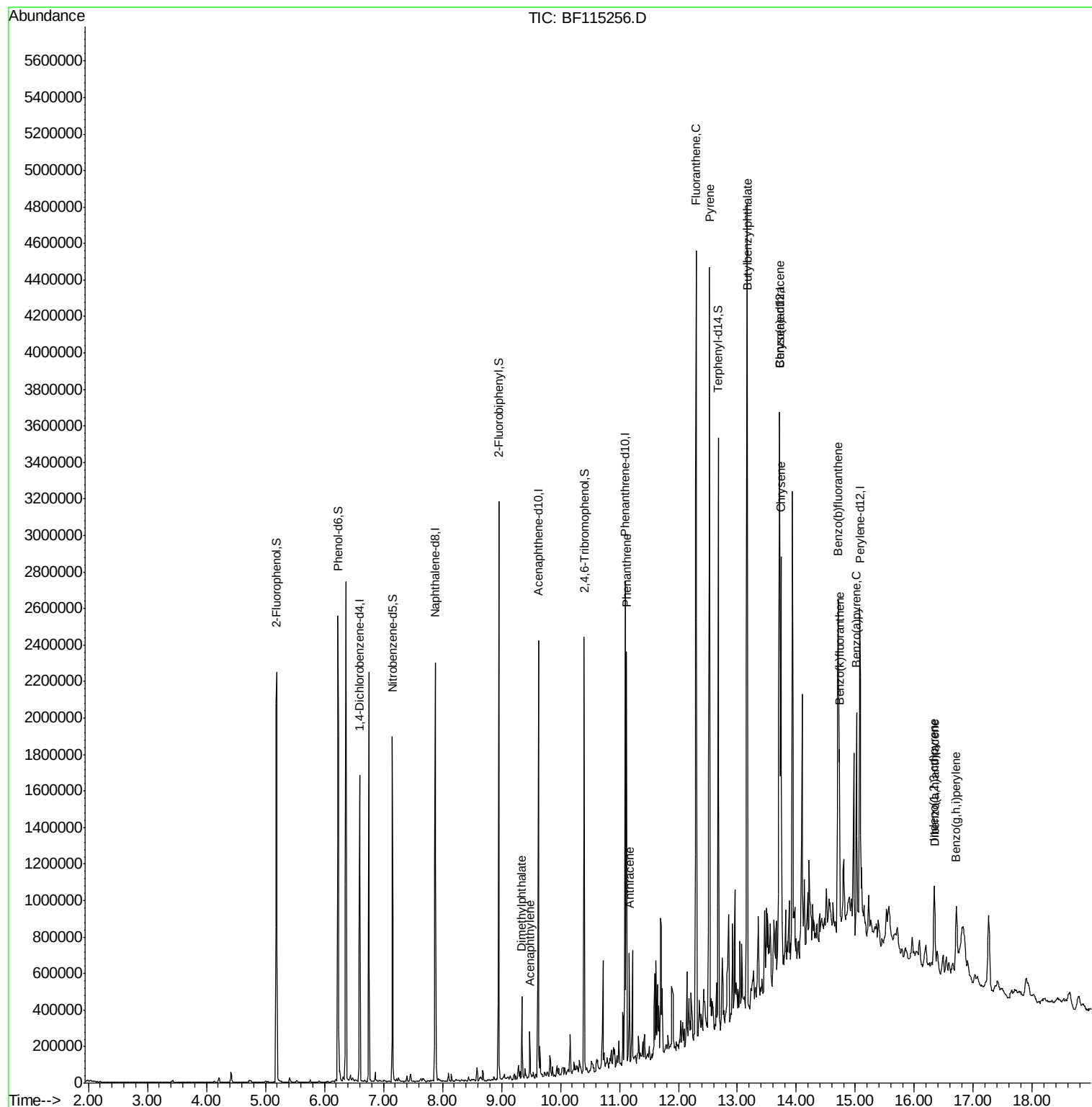
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\  
Data File : BF115256.D  
Acq On : 28 Jun 2019 1:21  
Operator : HP/JU  
Sample : K3532-05 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

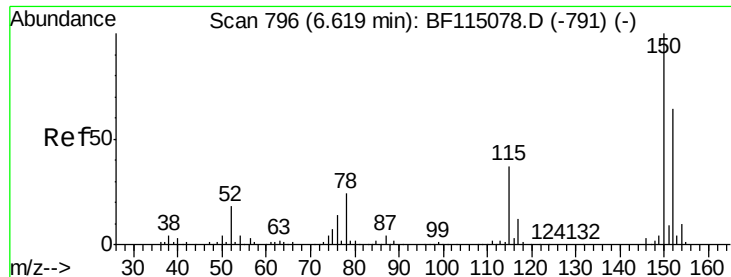
Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

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Quant Time: Jun 28 07:35:16 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 28 05:26:43 2019  
Response via : Initial Calibration





#1

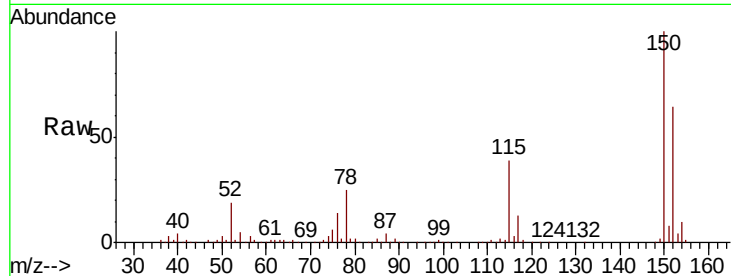
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 124.2 | 186.2 |
| 115     | 60.5  | 46.1  | 69.1  |

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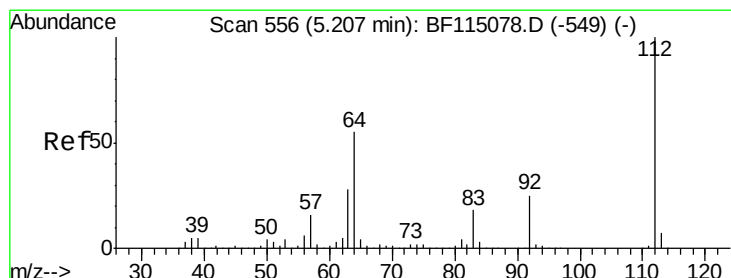
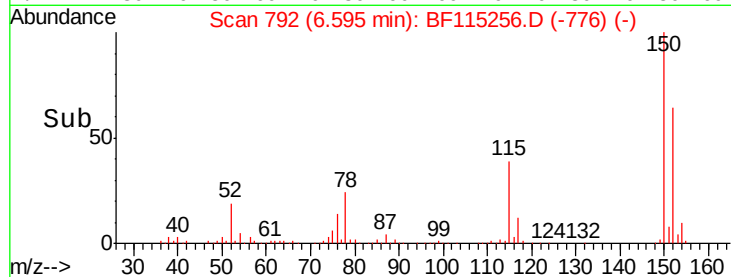
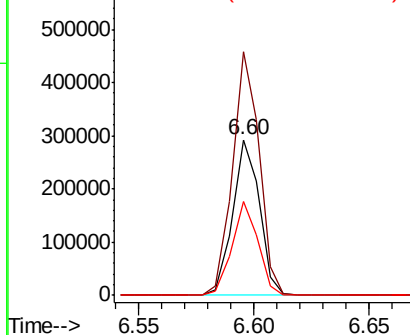


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

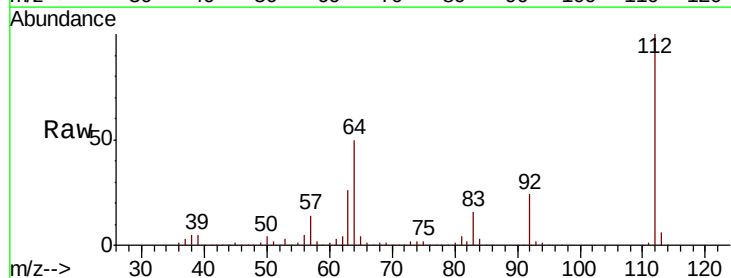
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 45.811 ng  
RT: 5.19 min Scan# 553  
Delta R.T. 0.00 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.4  | 43.8  | 65.6  |
| 63      | 25.6  | 22.2  | 33.4  |

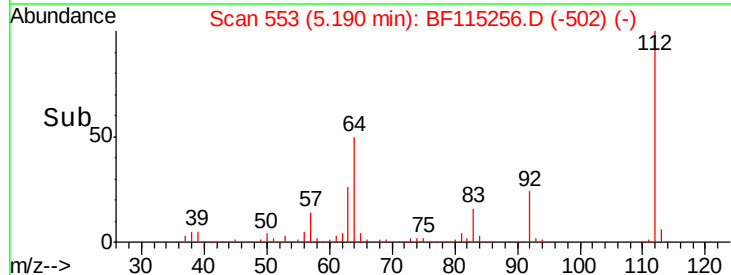
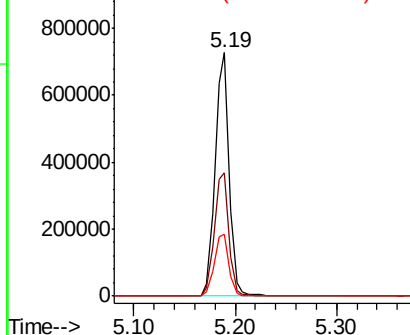


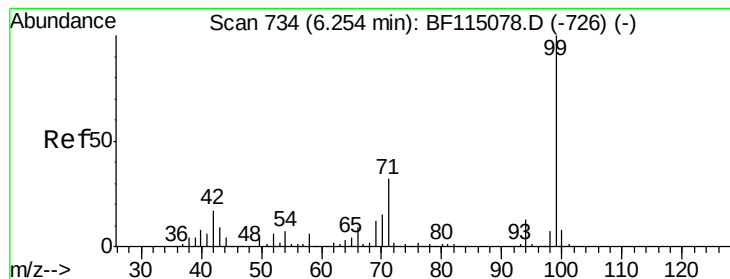
Abundance

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: 47.615 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA\_F

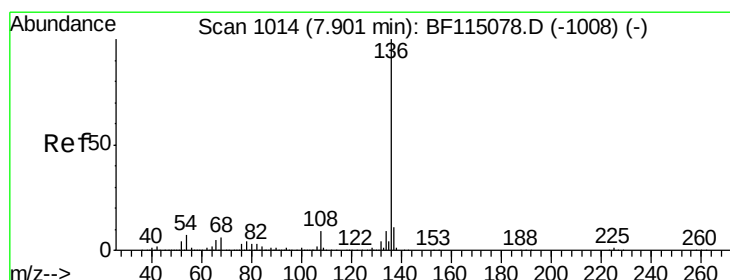
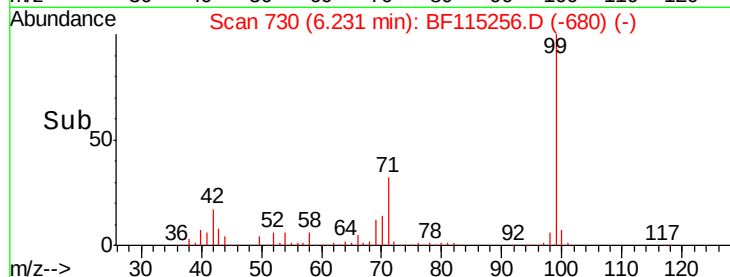
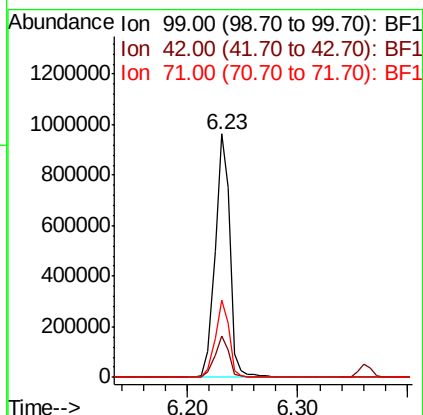
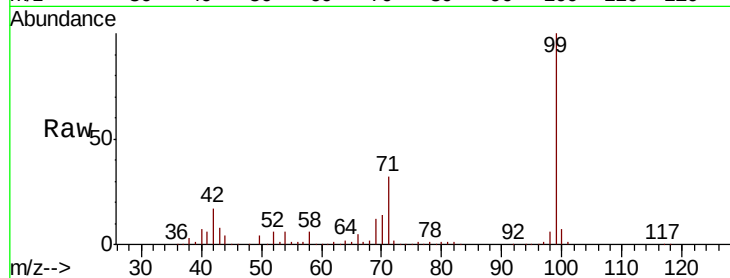
ClientSampleId :

TRIANGLE-AREA-SOIL-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 882067 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.0  | 13.6  | 20.4   |
| 71        | 31.7  | 25.5  | 38.3   |

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#21

Naphthalene-d8

Concen: 20.000 ng

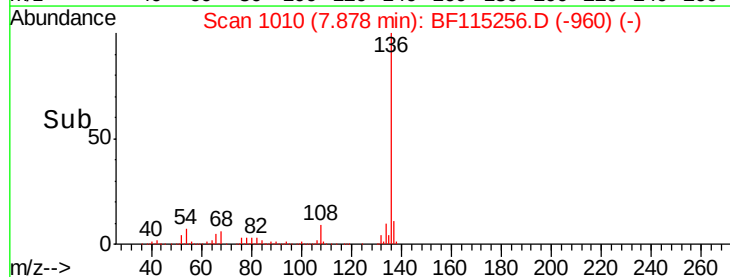
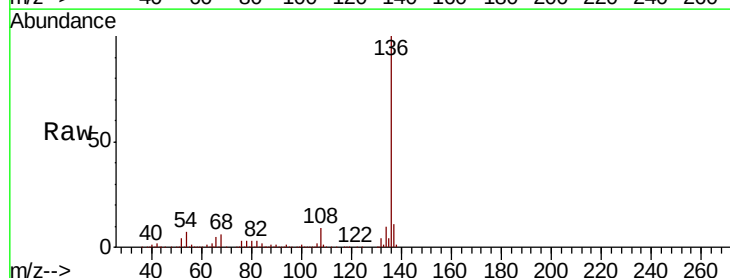
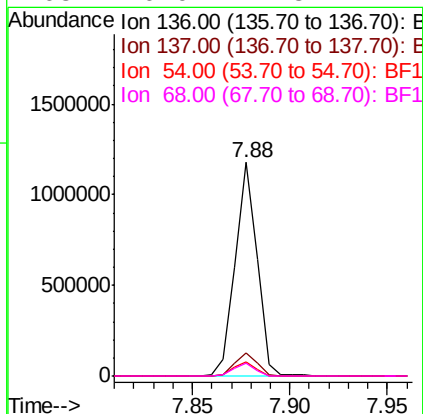
RT: 7.88 min Scan# 1010

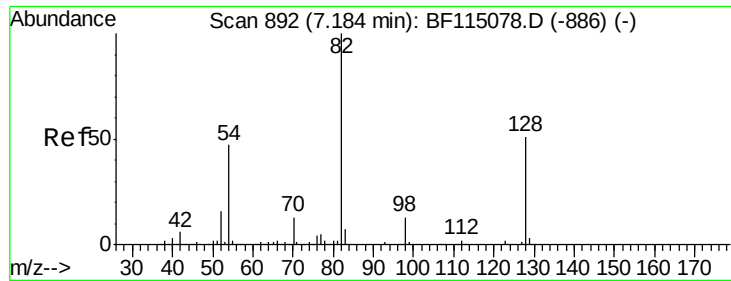
Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 918545 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 6.9   | 5.6   | 8.4    |
| 68        | 6.0   | 4.8   | 7.2    |





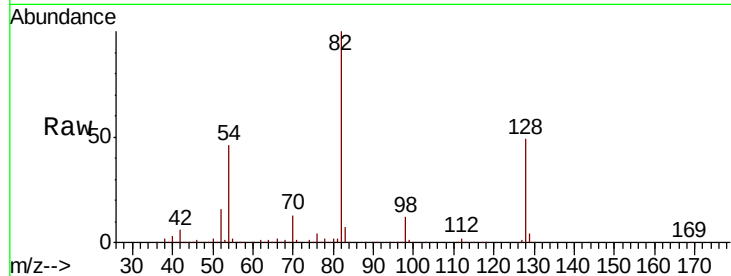
#23  
 Nitrobenzene-d5  
 Concen: 33.525 ng  
 RT: 7.15 min Scan# 887  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

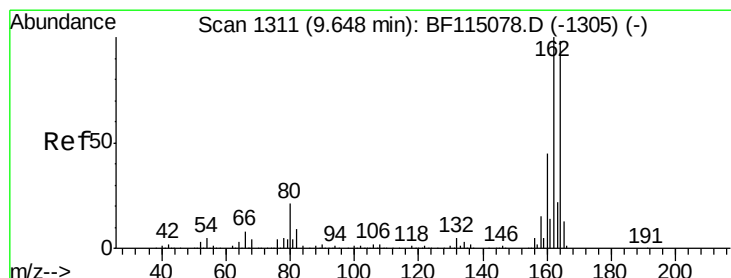
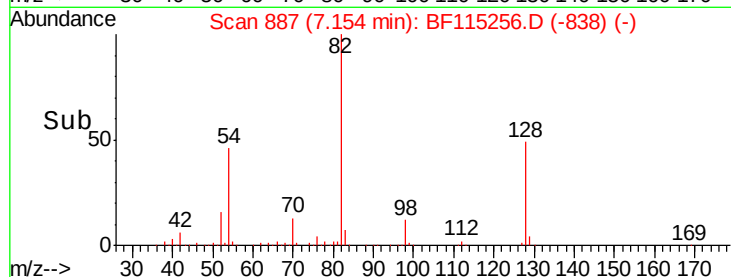
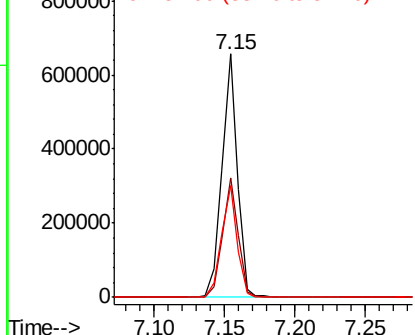
| Tot Ion   | 82    | Resp  | 500588 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 49.0  | 40.4  | 60.6   |
| 54        | 46.1  | 37.5  | 56.3   |

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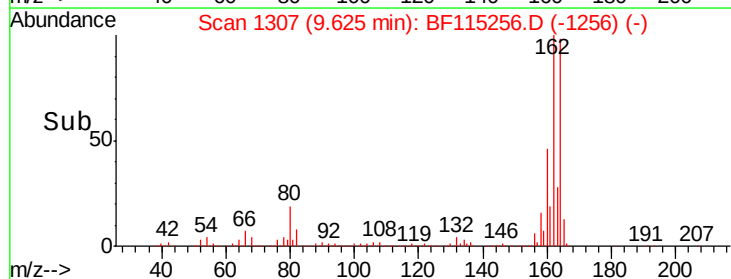
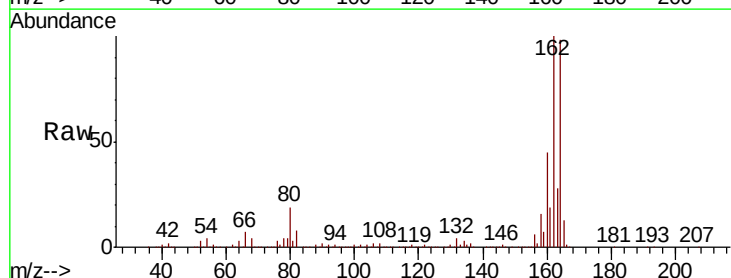
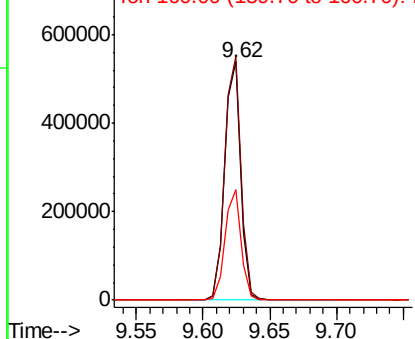
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

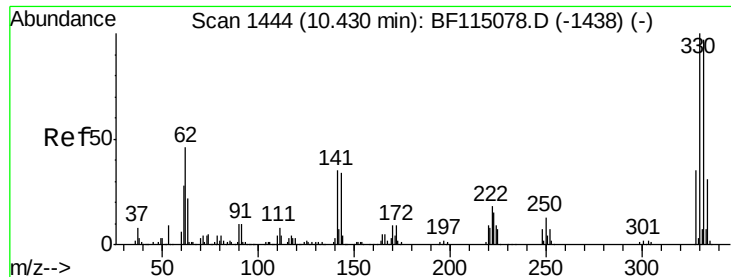


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.62 min Scan# 1307  
 Delta R.T. 0.00 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

| Tgt Ion   | 164   | Resp  | 460367 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.2 | 81.7  | 122.5  |
| 160       | 46.5  | 37.0  | 55.4   |

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





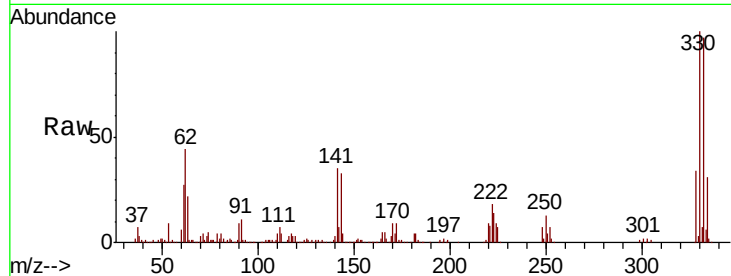
#42  
 2,4,6-Tribromophenol  
 Concen: 53.143 ng  
 RT: 10.40 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 257993 |       |       |
| 332     | 96.8  | 77.3   | 115.9 |       |
| 141     | 33.2  | 28.2   | 42.2  |       |

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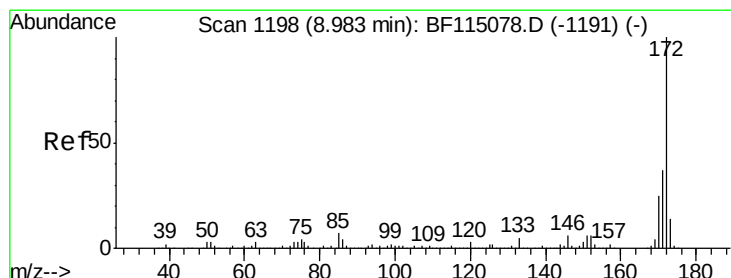
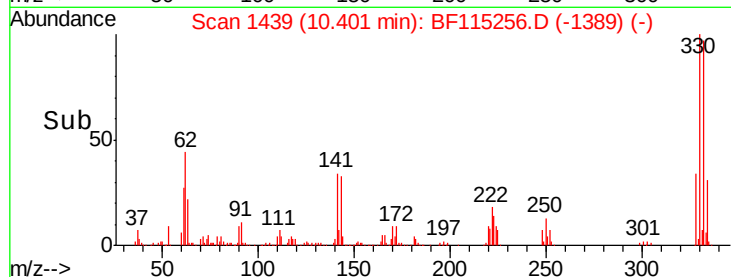
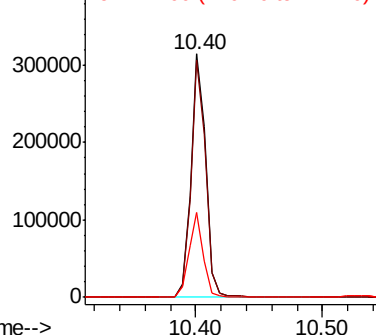


Abundance

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: 31.873 ng  
 RT: 8.95 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

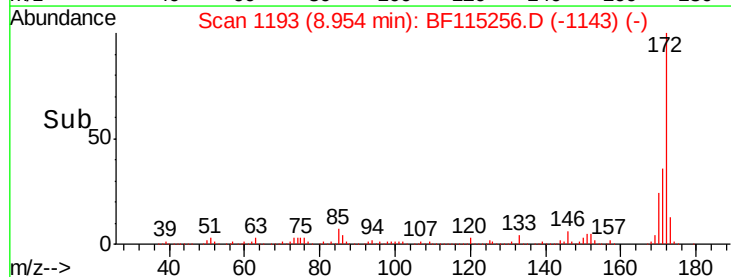
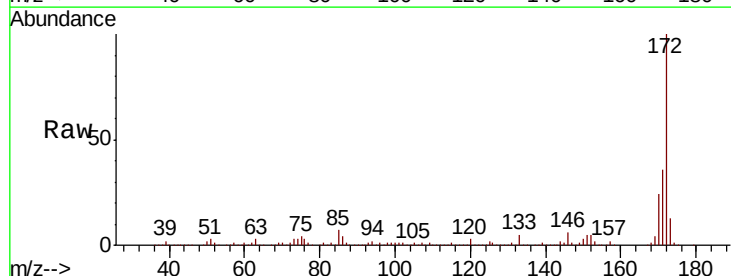
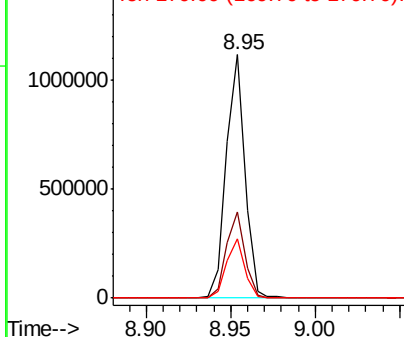
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 863827 |       |       |
| 171     | 35.6  | 29.8   | 44.6  |       |
| 170     | 24.3  | 20.3   | 30.5  |       |

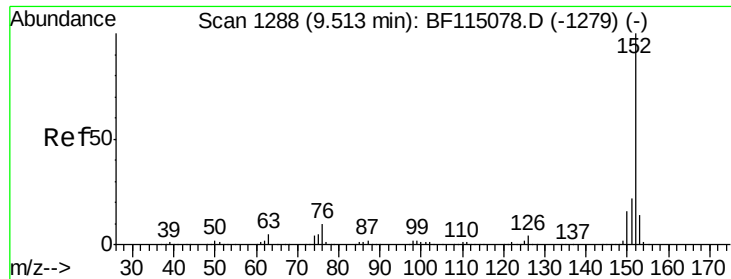
Abundance

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





#49

Acenaphthylene

Concen: 2.162 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA\_F

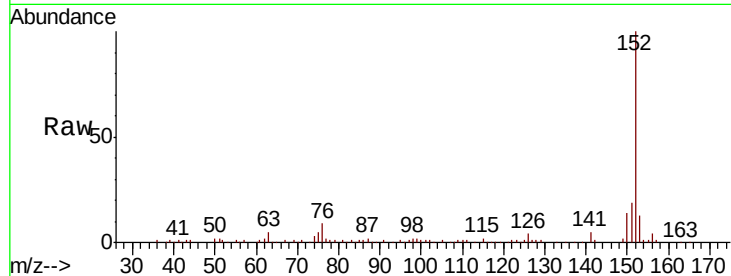
ClientSampleId :

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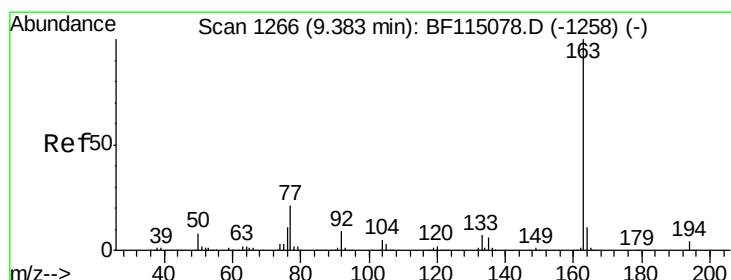
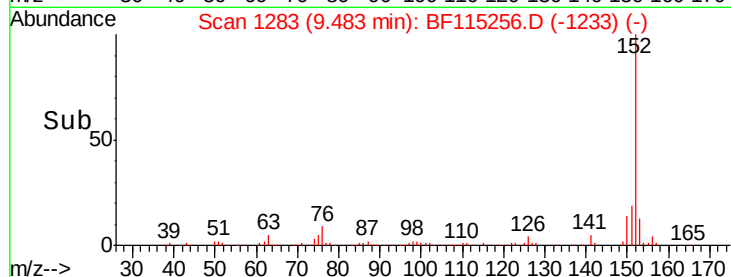
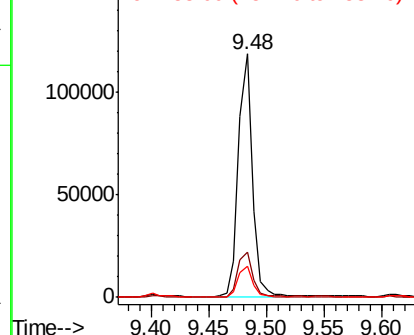
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 100665 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 18.7  | 17.2  | 25.8   |
| 153       | 12.6  | 11.0  | 16.6   |

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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



#50

Dimethylphthalate

Concen: 4.097 ng

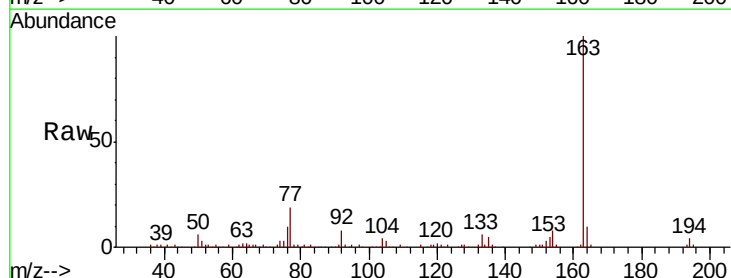
RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

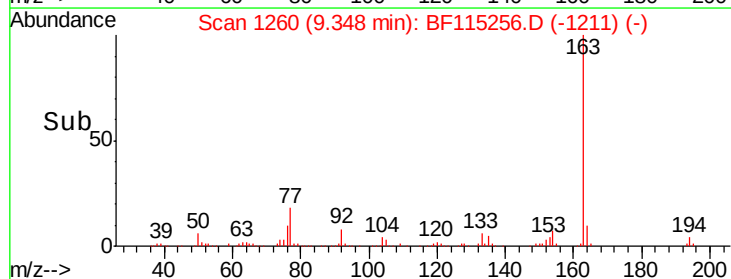
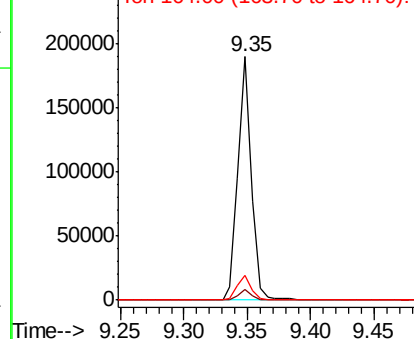
Lab File: BF115256.D

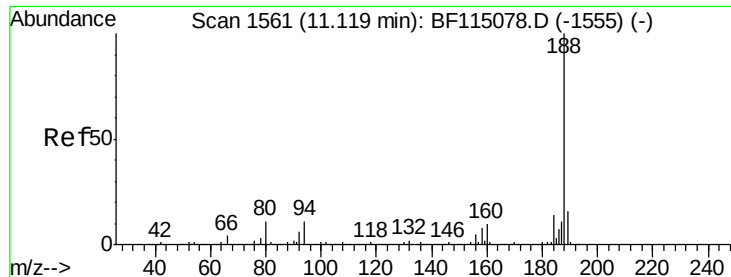
Acq: 28 Jun 2019 1:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 138767 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.2   | 3.2   | 4.8    |
| 164       | 10.2  | 8.6   | 13.0   |



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115256.D

Acq: 28 Jun 2019 1:21

Instrument :

BNA\_F

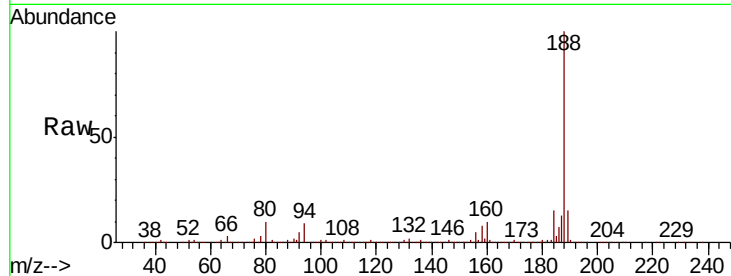
ClientSampleId :

TRIANGLE-AREA-SOIL-A

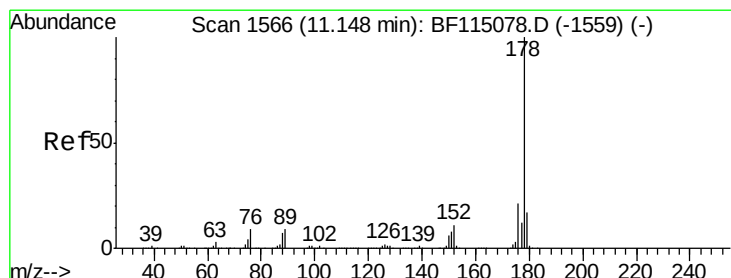
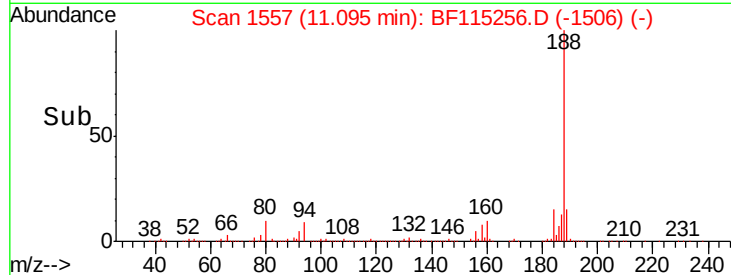
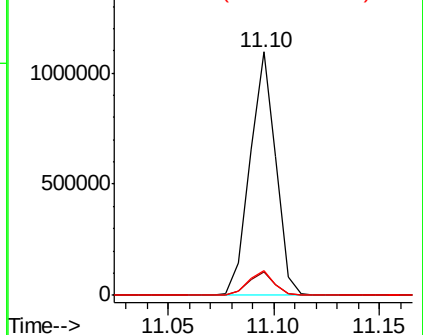
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 927291 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.5   | 8.6   | 12.8   |
| 80        | 9.9   | 8.8   | 13.2   |

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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: 14.579 ng

RT: 11.12 min Scan# 1561

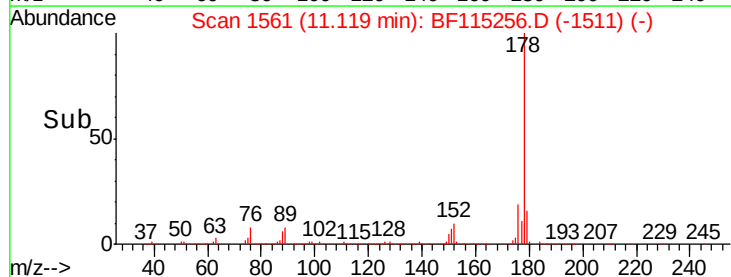
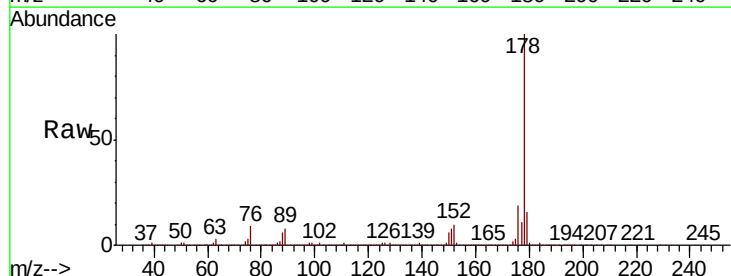
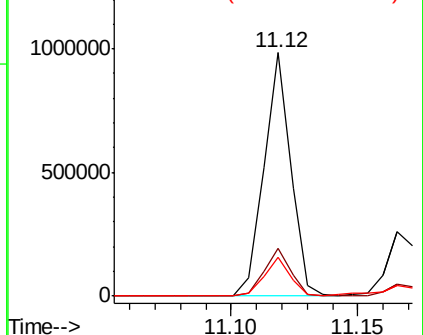
Delta R.T. -0.01 min

Lab File: BF115256.D

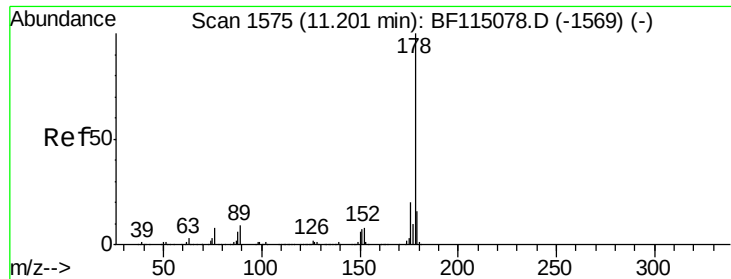
Acq: 28 Jun 2019 1:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 727866 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.5  | 16.9  | 25.3   |
| 179       | 15.7  | 13.2  | 19.8   |

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







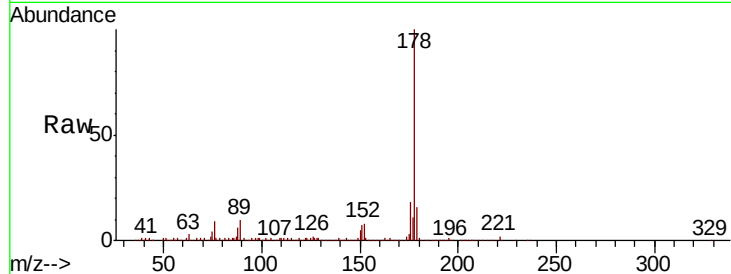
#72  
 Anthracene  
 Concen: 4.153 ng  
 RT: 11.17 min Scan# 1569  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 16.1  | 24.1  |
| 179     | 16.2  | 12.9  | 19.3  |

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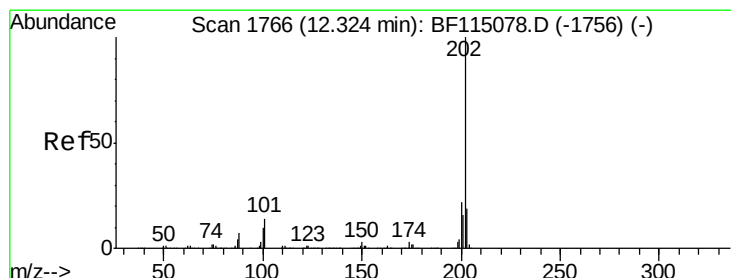
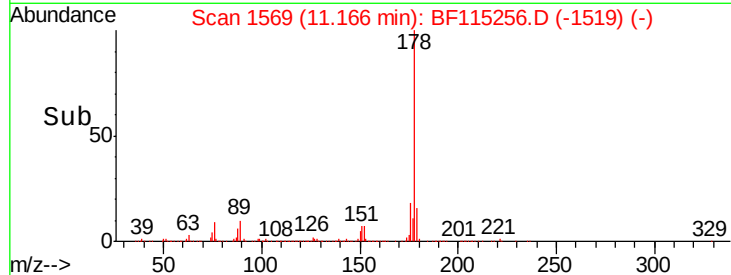
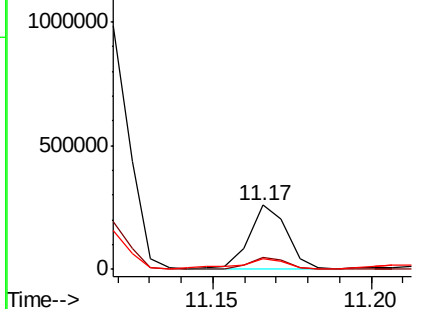


Abundance

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



#75  
 Fluoranthene  
 Concen: 34.156 ng  
 RT: 12.30 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

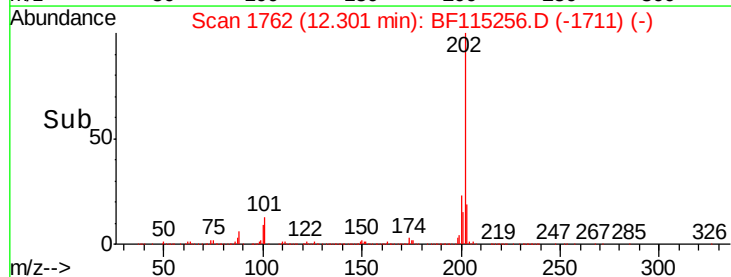
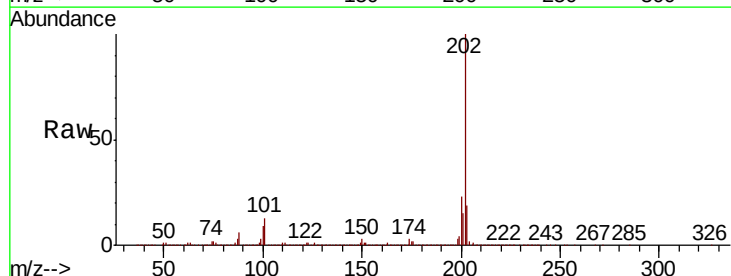
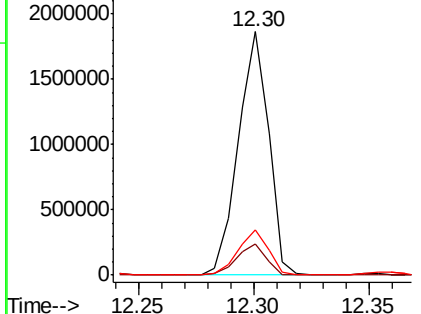
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.9  | 0.0   | 34.0  |
| 203     | 18.6  | 0.0   | 38.8  |

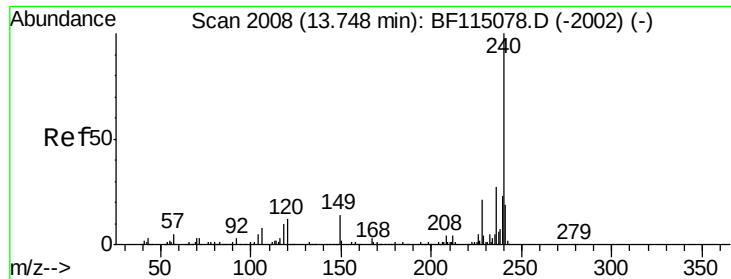
Abundance

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





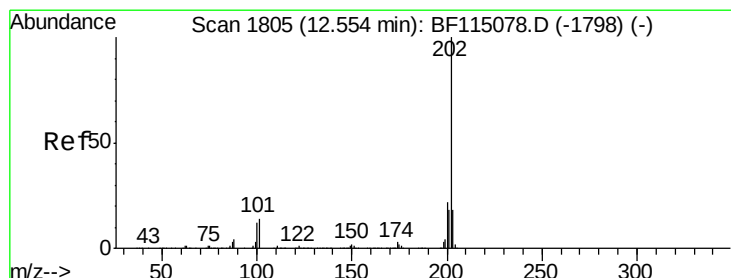
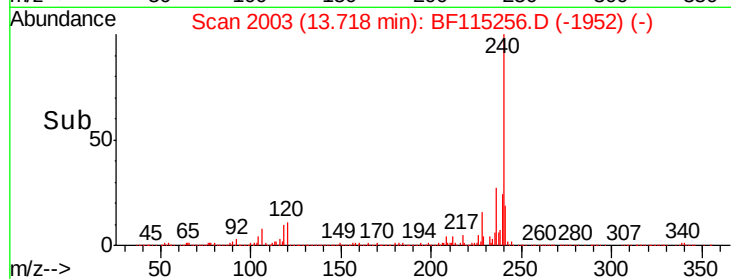
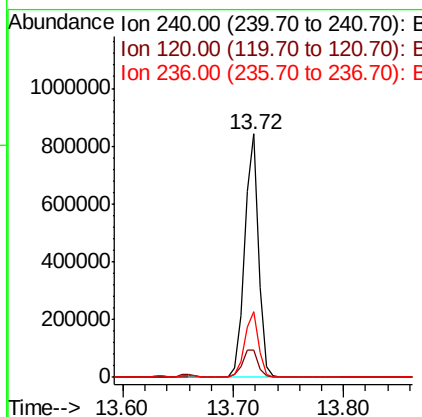
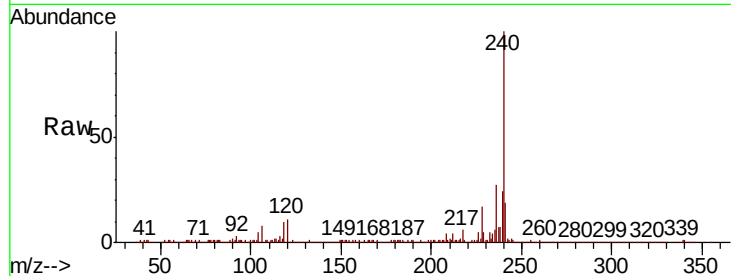
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.72 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.2  | 9.4   | 14.2  |
| 236     | 26.9  | 21.7  | 32.5  |

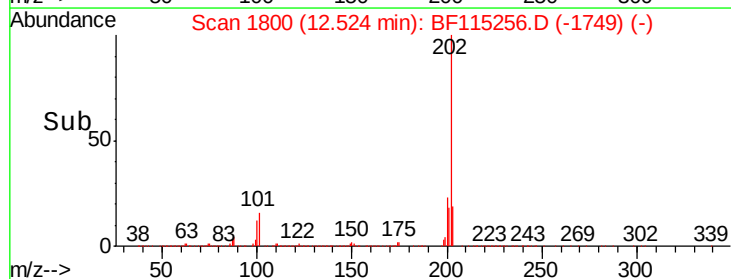
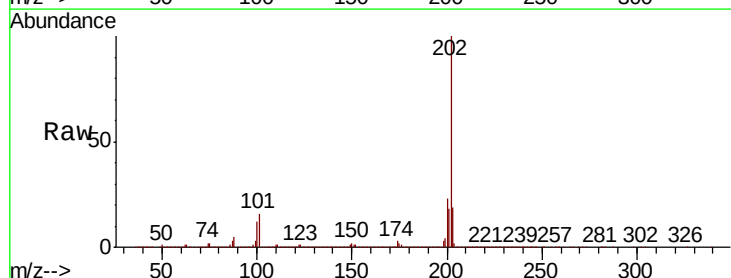
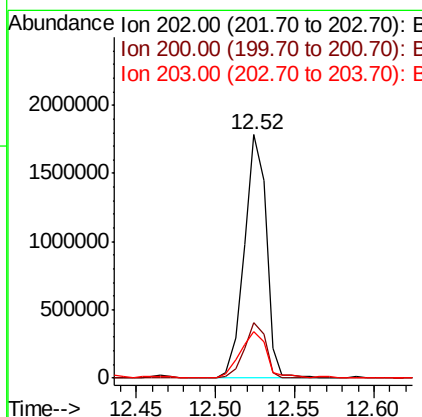
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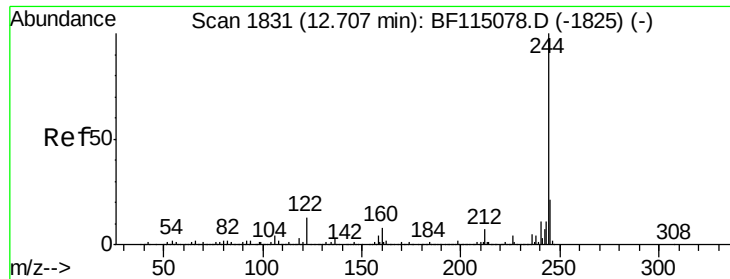
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#78  
Pyrene  
Concen: 29.828 ng  
RT: 12.52 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 17.9  | 26.9  |
| 203     | 19.3  | 14.6  | 21.8  |





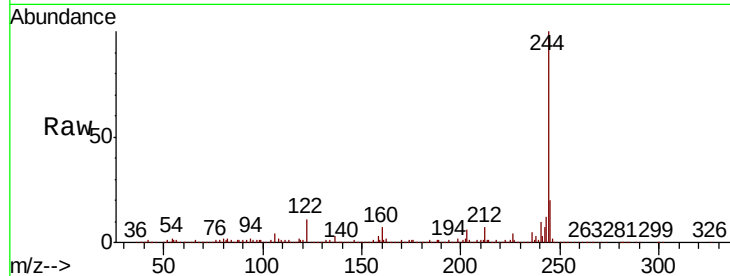
#79  
 Terphenyl-d14  
 Concen: 28.015 ng  
 RT: 12.68 min Scan# 1826  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

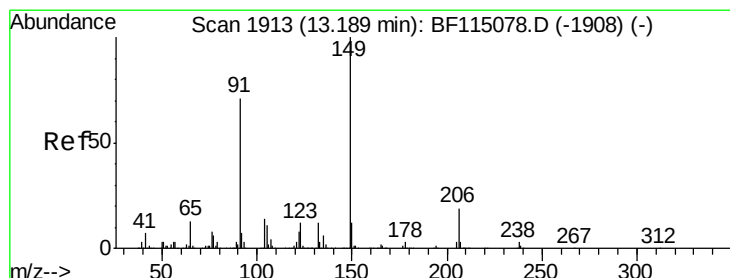
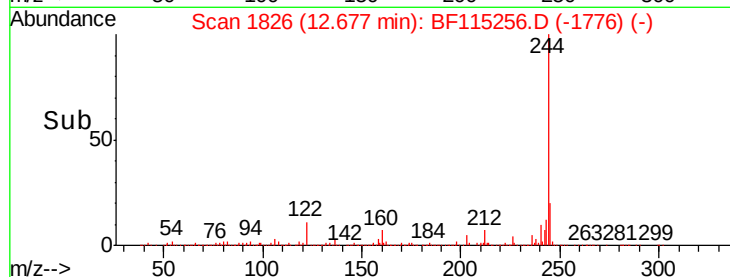
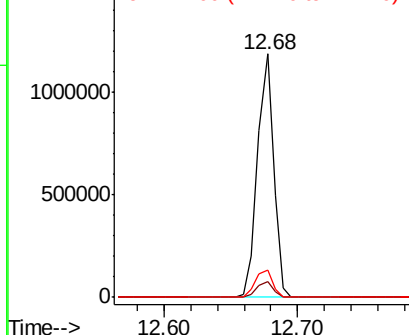
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.8   | 8.6   |
| 122     | 11.1  | 10.4  | 15.6  |

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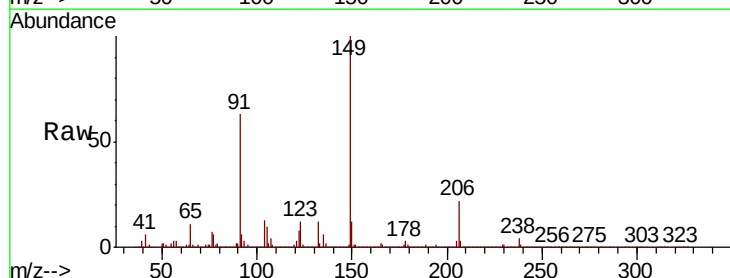


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

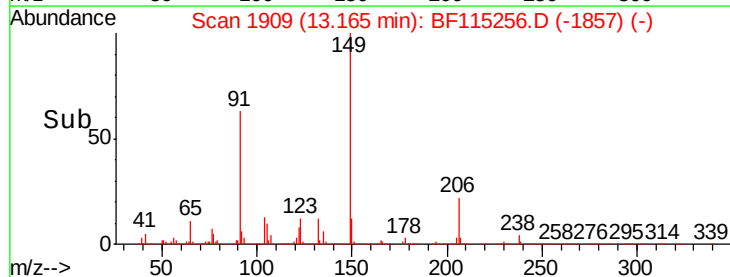
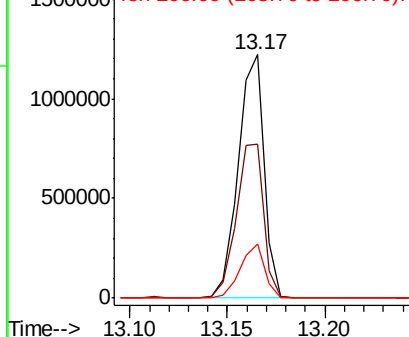


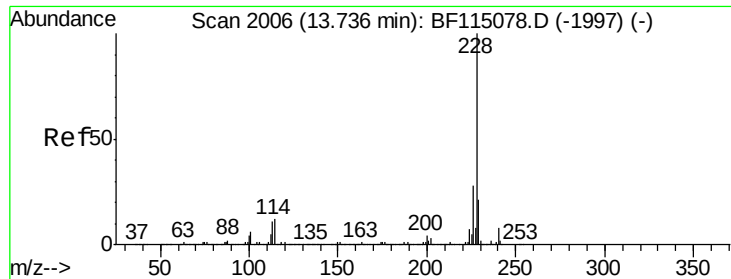
#80  
 Butylbenzylphthalate  
 Concen: 44.439 ng  
 RT: 13.17 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.3  | 56.5  | 84.7  |
| 206     | 22.1  | 15.3  | 22.9  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BF1  
 Ion 206.00 (205.70 to 206.70): E





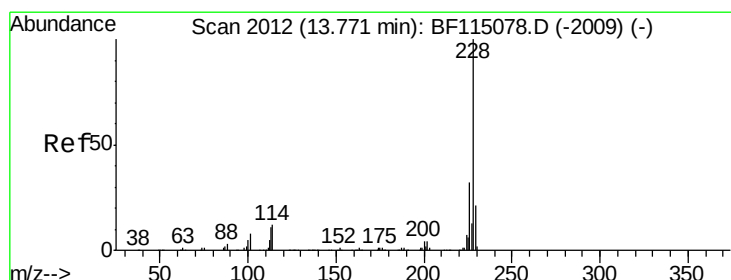
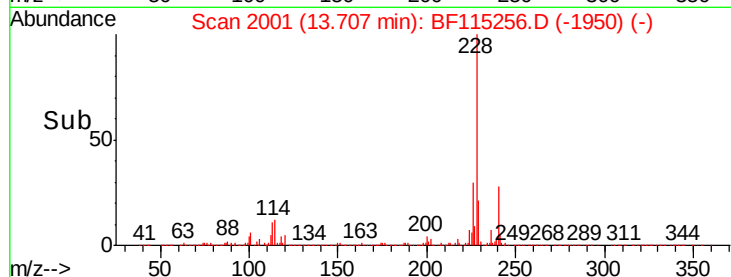
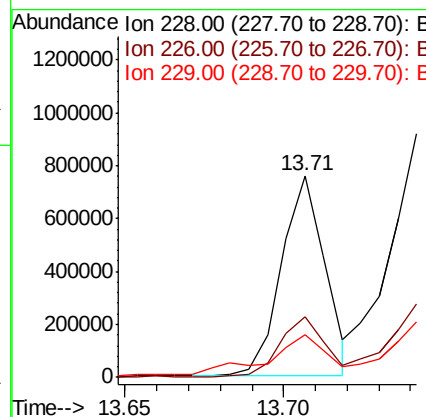
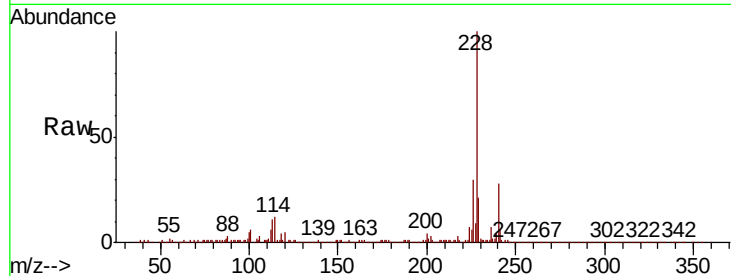
#81  
Benzo(a)anthracene  
Concen: 13.712 ng  
RT: 13.71 min Scan# 2001  
Delta R.T. 0.00 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 22.5  | 33.7  |
| 229     | 21.3  | 16.6  | 24.8  |

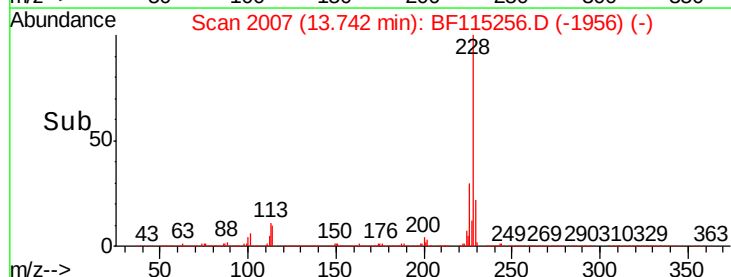
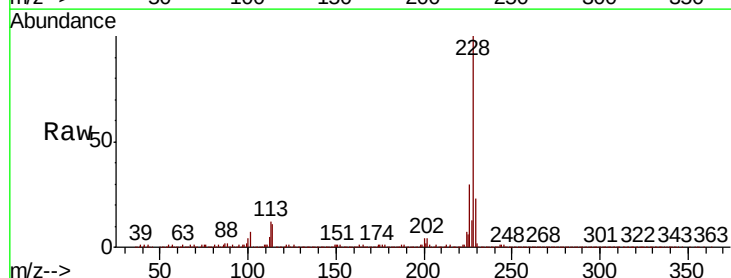
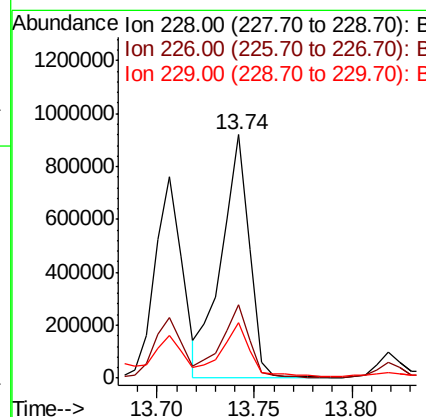
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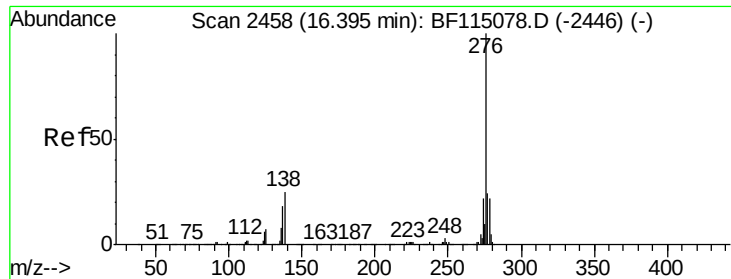
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#83  
Chrysene  
Concen: 18.659 ng  
RT: 13.74 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 25.4  | 38.0  |
| 229     | 22.6  | 16.5  | 24.7  |





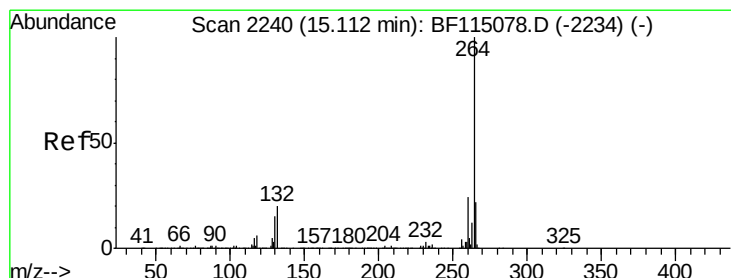
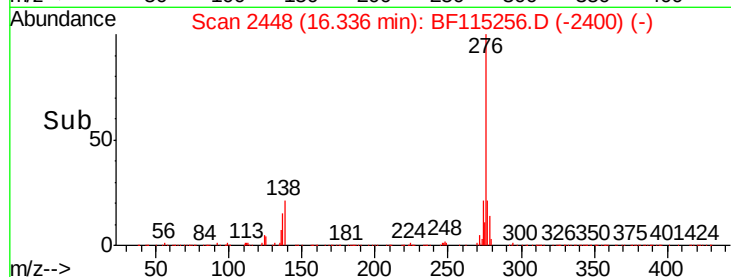
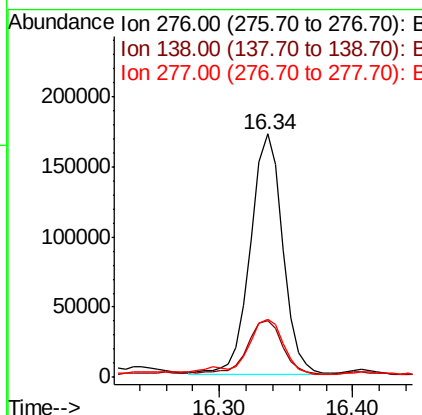
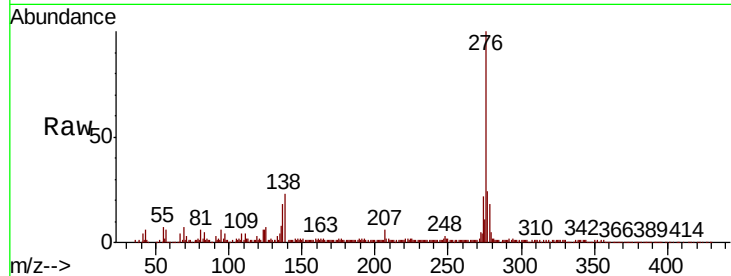
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.013 ng  
 RT: 16.34 min Scan# 2448  
 Delta R.T. -0.02 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.0  | 23.2  | 34.8  |
| 277     | 24.1  | 20.1  | 30.1  |

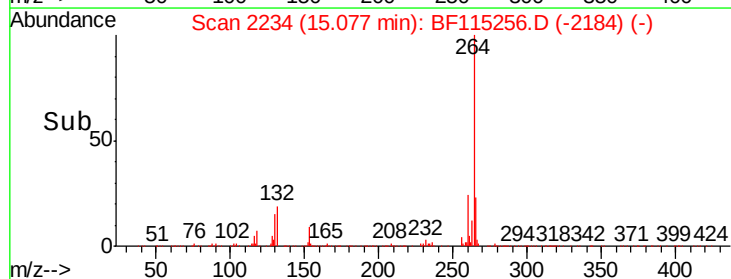
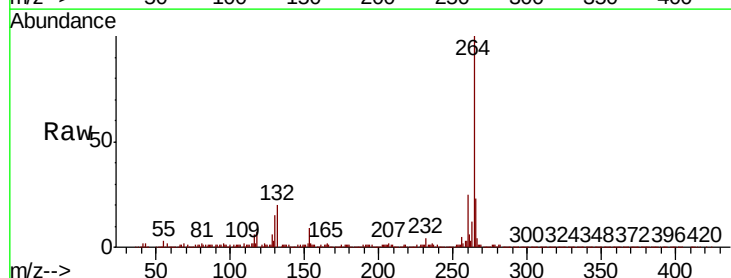
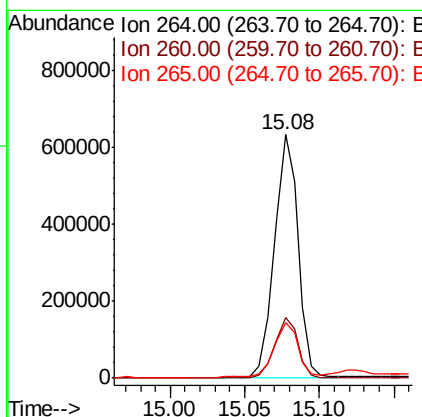
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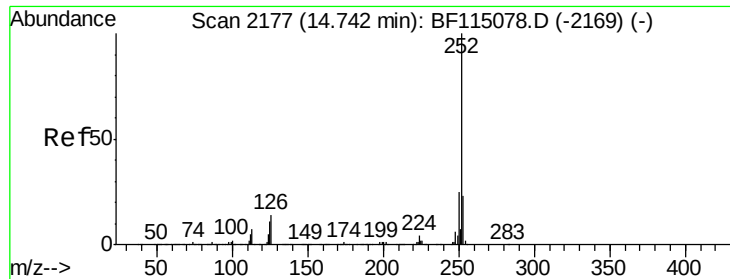
mohammad  
 6/28/2019 2:58:54 PM



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.08 min Scan# 2234  
 Delta R.T. -0.01 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.6  | 29.4  |
| 265     | 23.0  | 17.3  | 25.9  |





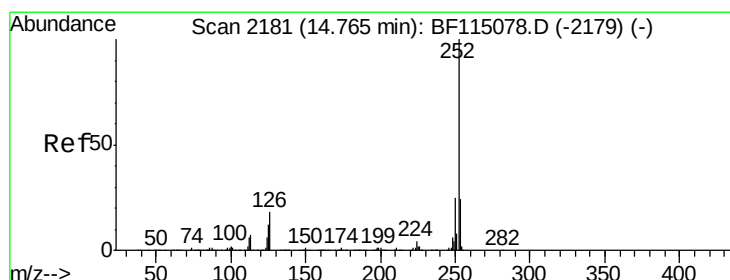
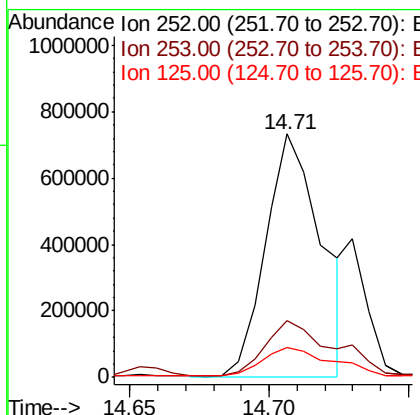
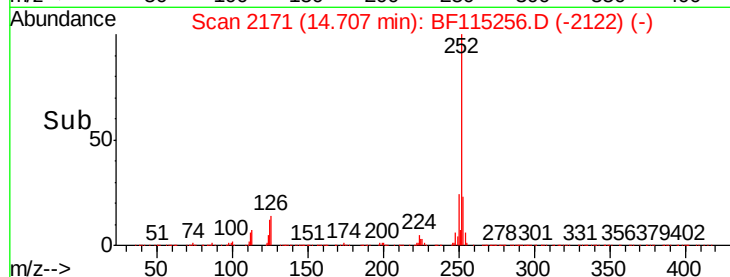
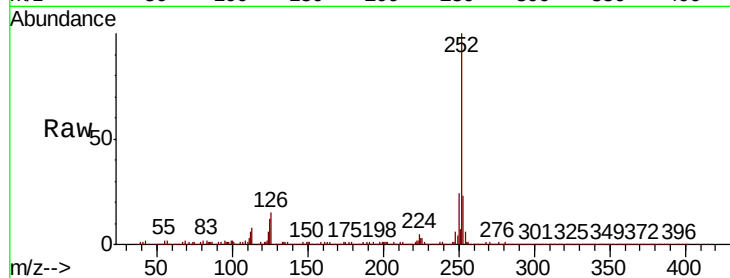
#88  
Benzo(b)fluoranthene  
Concen: 23.393 ng m  
RT: 14.71 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

Tot Ion:252 Resp: 1017066  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.1 27.1  
125 12.4 8.7 13.1

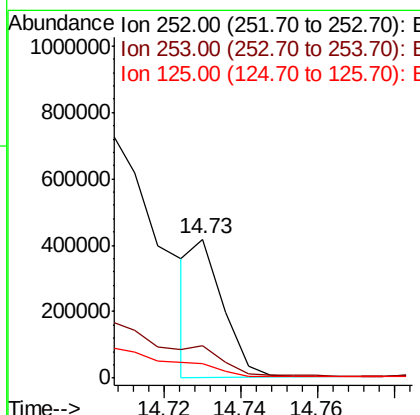
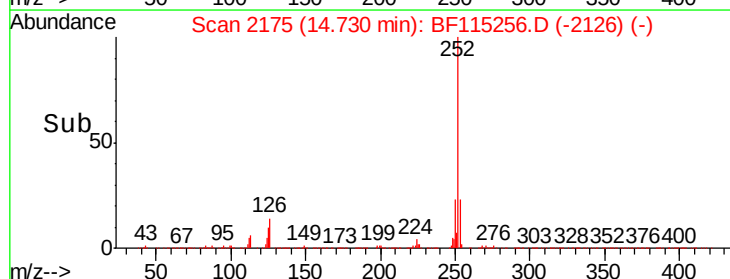
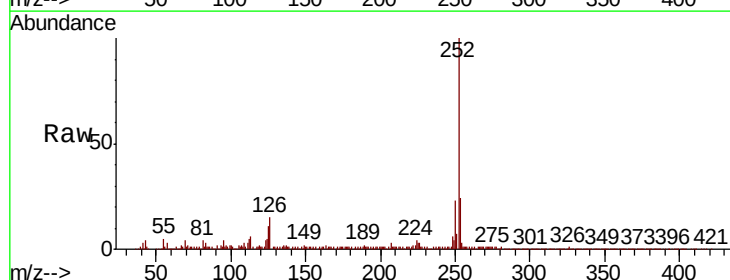
Manual Integrations  
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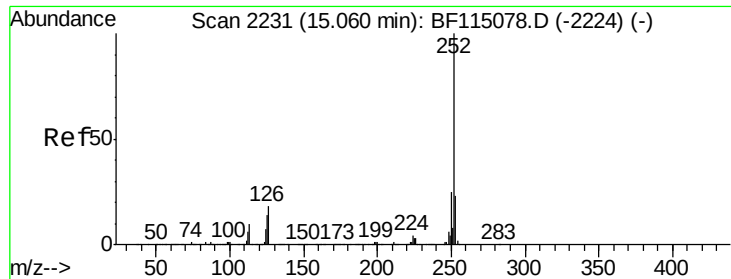
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#89  
Benzo(k)fluoranthene  
Concen: 5.994 ng m  
RT: 14.73 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Tgt Ion:252 Resp: 233707  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.9 28.3  
125 10.8 10.2 15.2





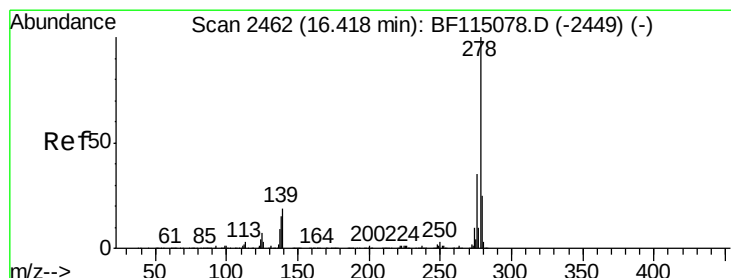
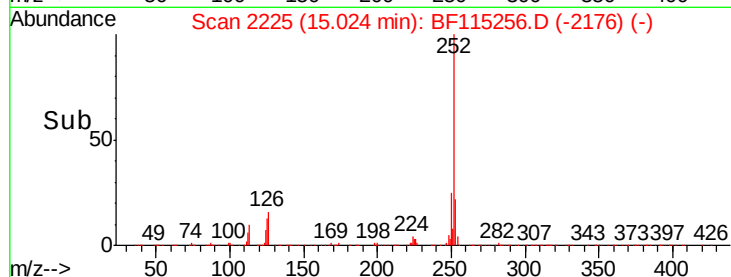
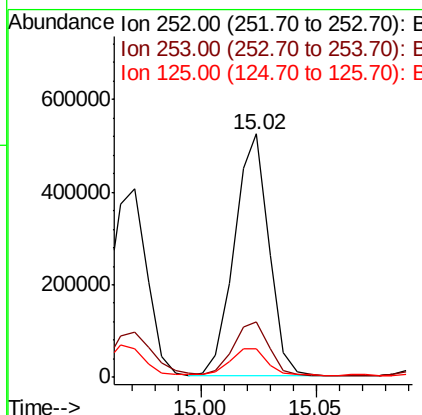
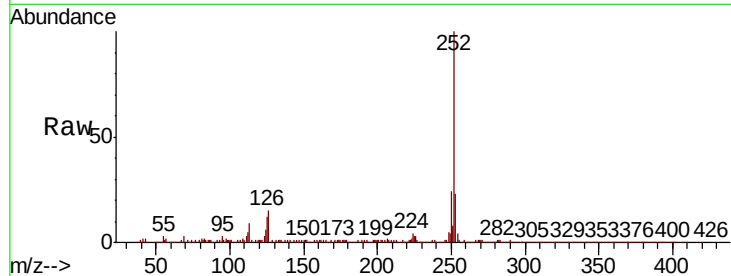
#90  
Benzo(a)pyrene  
Concen: 13.938 ng  
RT: 15.02 min Scan# 2225  
Delta R.T. -0.01 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

Instrument :  
BNA\_F  
ClientSampleId :  
TRIANGLE-AREA-SOIL-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.3  | 27.5  |
| 125     | 11.8  | 10.9  | 16.3  |

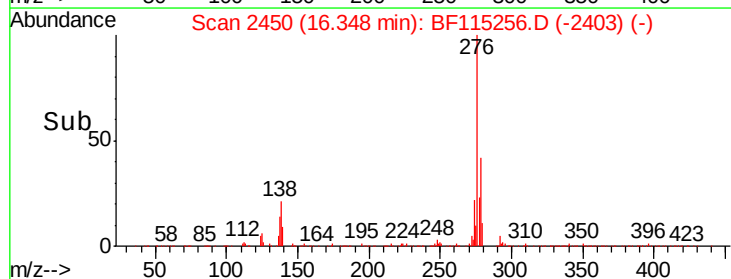
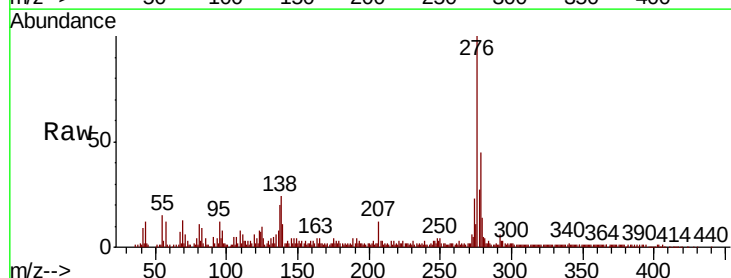
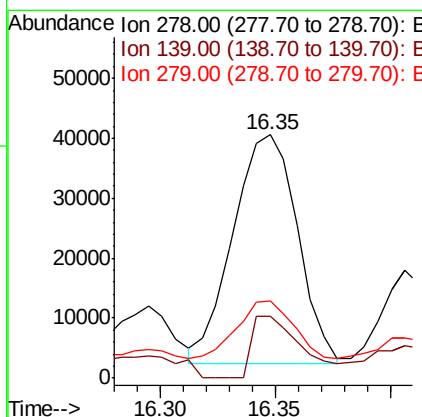
Manual Integrations  
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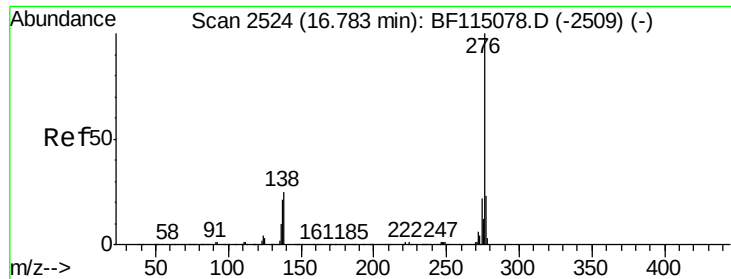
mohammad  
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#91  
Dibenzo(a,h)anthracene  
Concen: 2.039 ng m  
RT: 16.35 min Scan# 2450  
Delta R.T. -0.02 min  
Lab File: BF115256.D  
Acq: 28 Jun 2019 1:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 25.2  | 15.4  | 23.2# |
| 279     | 31.8  | 19.9  | 29.9# |





#92  
 Benzo(a,h,i)perylene  
 Concen: 6.940 ng  
 RT: 16.71 min Scan# 2512  
 Delta R.T. -0.02 min  
 Lab File: BF115256.D  
 Acq: 28 Jun 2019 1:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRIANGLE-AREA-SOIL-A

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 256952 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 25.0  | 18.6  | 28.0   |
| 138       | 23.4  | 19.8  | 29.6   |

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