

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\  
 Data File : BF119818.D  
 Acq On : 7 Apr 2020 13:28  
 Operator : MA/SJ  
 Sample : L2117-01  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-03-040220

Manual Integrations  
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mohammad  
 4/8/2020 8:13:03 AM

Quant Time: Apr 07 14:33:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 06 11:15:16 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 137752   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 510034   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 247589   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 435291   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 296785   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 243155   | 20.00 | ng    | 0.02     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.39  | 112 | 821783  | 94.97 | ng | 0.00 |
| 7) Phenol-d6                | 6.42  | 99  | 1036545 | 93.77 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.35  | 82  | 604068  | 64.37 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330 | 244806  | 95.84 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.15  | 172 | 1150045 | 68.81 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.91 | 244 | 1061162 | 70.05 | ng | 0.00 |

|                            |       |     |         |        |    |      |
|----------------------------|-------|-----|---------|--------|----|------|
| Target Compounds           |       |     |         | Qvalue |    |      |
| 37) 2-Methylnaphthalene    | 8.78  | 142 | 50257   | 2.918  | ng | 97   |
| 38) 1-Methylnaphthalene    | 8.88  | 142 | 71805   | 4.404  | ng | 98   |
| 49) Acenaphthylene         | 9.69  | 152 | 185193  | 7.466  | ng | 99   |
| 50) Dimethylphthalate      | 9.55  | 163 | 194240  | 11.045 | ng | 99   |
| 52) Acenaphthene           | 9.86  | 154 | 63823   | 4.127  | ng | 98   |
| 55) Dibenzofuran           | 10.03 | 168 | 61570   | 2.777  | ng | # 88 |
| 58) Fluorene               | 10.37 | 166 | 160225  | 9.773  | ng | 98   |
| 71) Phenanthrene           | 11.34 | 178 | 1141333 | 50.566 | ng | 98   |
| 72) Anthracene             | 11.39 | 178 | 368650  | 16.070 | ng | 97   |
| 75) Fluoranthene           | 12.53 | 202 | 1163416 | 47.628 | ng | 99   |
| 78) Pyrene                 | 12.76 | 202 | 1387334 | 56.959 | ng | 99   |
| 81) Benzo(a)anthracene     | 13.95 | 228 | 601983  | 31.192 | ng | 92   |
| 83) Chrysene               | 13.99 | 228 | 546302  | 27.428 | ng | 95   |
| 86) Indeno(1,2,3-cd)pyrene | 16.84 | 276 | 166832  | 8.894  | ng | # 93 |
| 88) Benzo(b)fluoranthene   | 15.00 | 252 | 464689m | 28.609 | ng |      |
| 89) Benzo(k)fluoranthene   | 15.02 | 252 | 169344m | 10.949 | ng |      |
| 90) Benzo(a)pyrene         | 15.35 | 252 | 373962  | 25.334 | ng | 98   |
| 91) Dibenzo(a,h)anthracene | 16.86 | 278 | 50027   | 3.875  | ng | # 79 |
| 92) Benzo(a,h,i)perylene   | 17.27 | 276 | 161087  | 12.419 | ng | 98   |

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

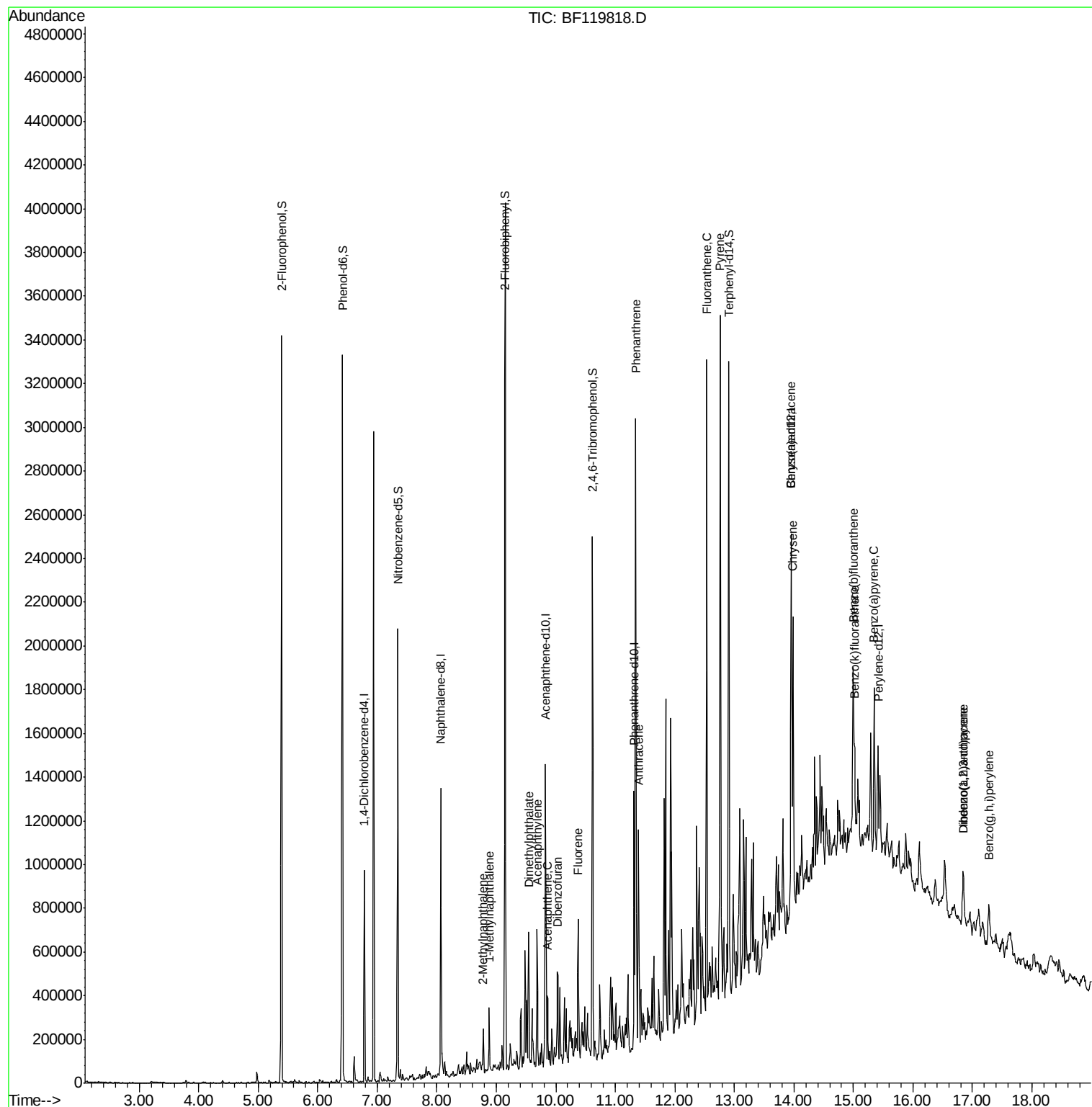
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\  
Data File : BF119818.D  
Acq On : 7 Apr 2020 13:28  
Operator : MA/SJ  
Sample : L2117-01  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

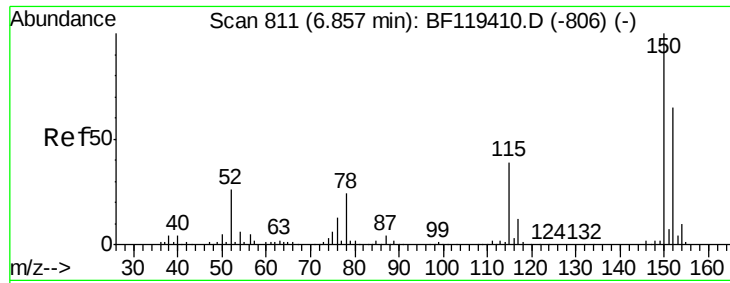
Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

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Quant Time: Apr 07 14:33:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 06 11:15:16 2020  
Response via : Initial Calibration





#1

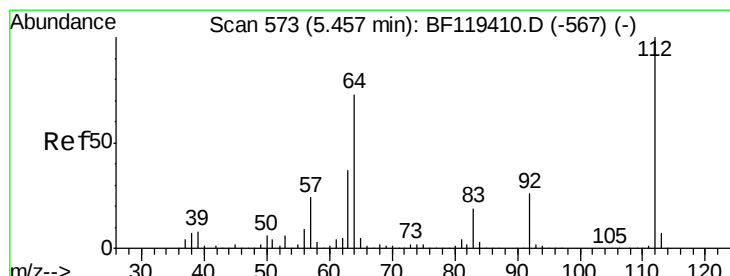
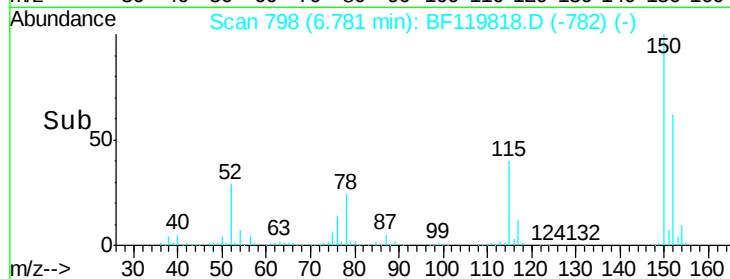
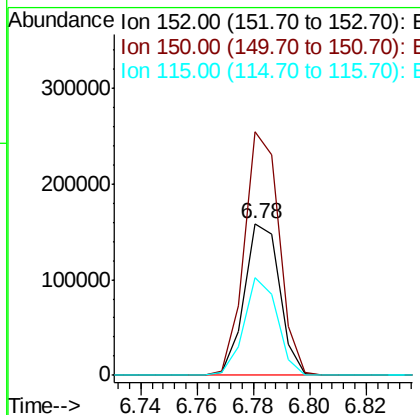
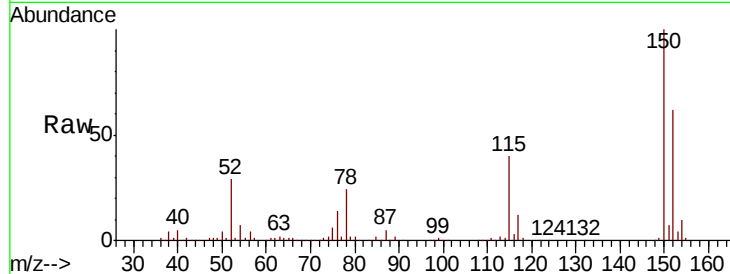
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.78 min Scan# 798  
Delta R.T. -0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.5 | 124.5 | 186.7 |
| 115     | 64.0  | 49.6  | 74.4  |

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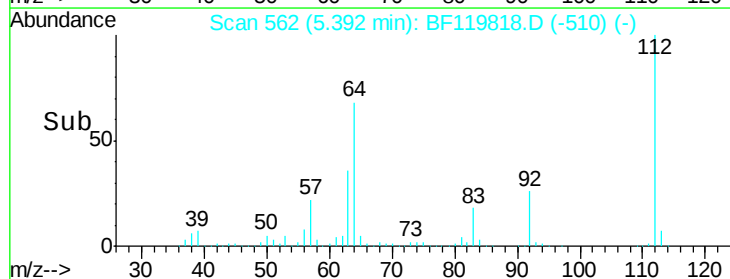
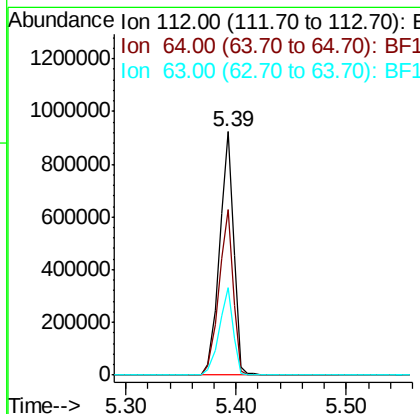
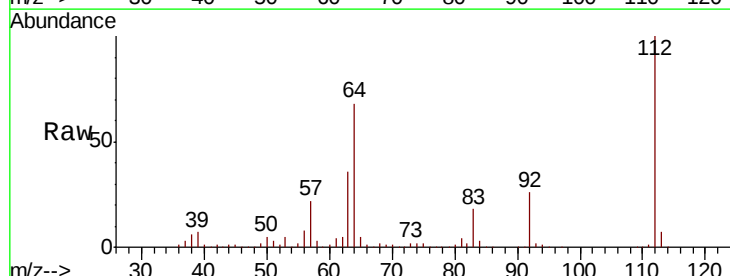
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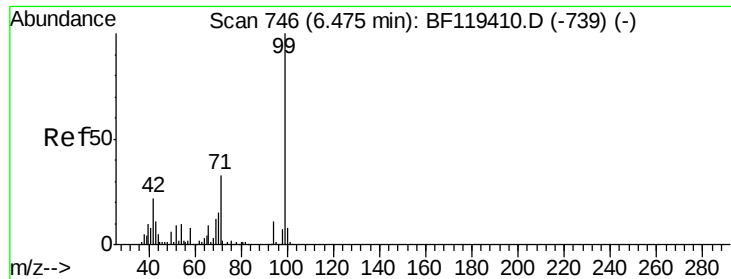


#5

2-Fluorophenol  
Concen: 94.968 ng  
RT: 5.39 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 68.1  | 56.7  | 85.1  |
| 63      | 35.7  | 29.5  | 44.3  |





#7

Phenol-d6

Concen: 93.771 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Instrument :

BNA\_F

ClientSampleId :

OK-03-040220

Tot Ion: 99 Resp: 1036545

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

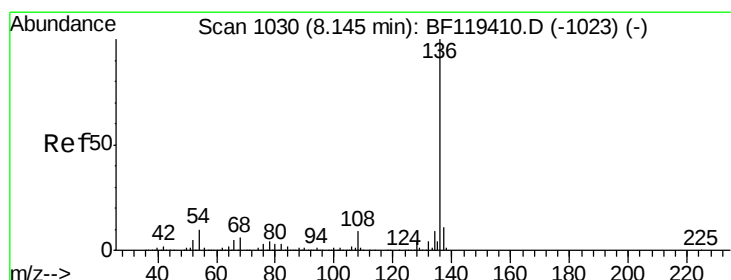
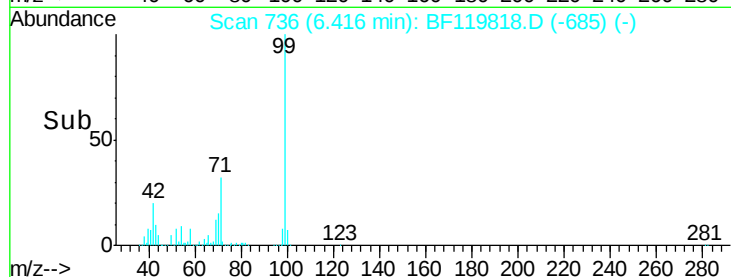
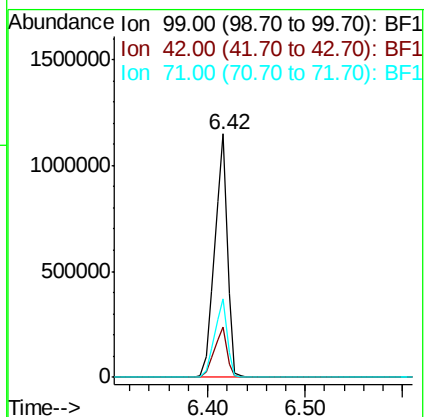
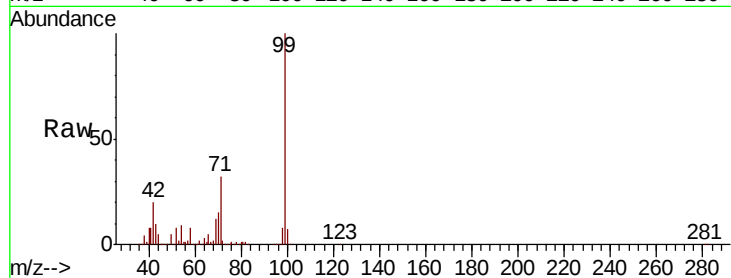
71 32.5 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Tgt Ion: 136 Resp: 510034

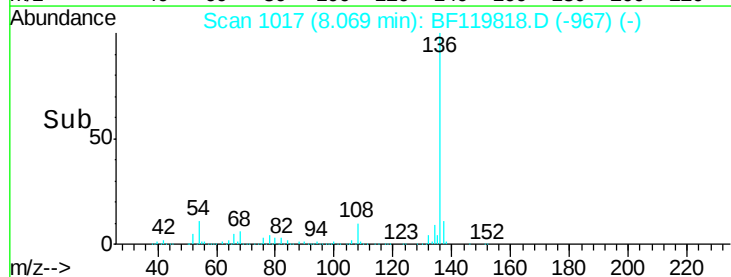
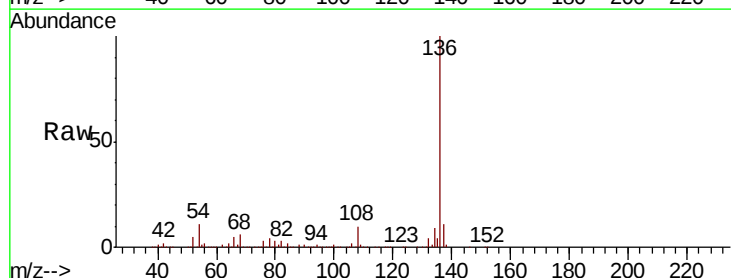
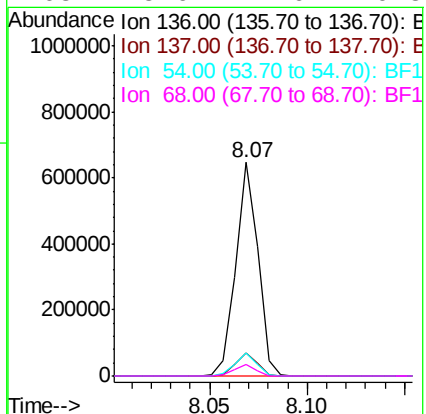
Ion Ratio Lower Upper

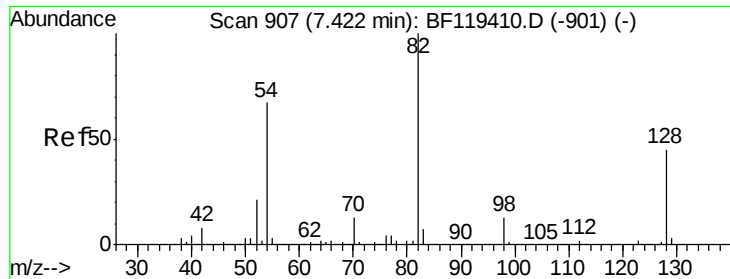
136 100

137 11.0 8.7 13.1

54 10.7 9.1 13.7

68 5.6 4.6 6.8





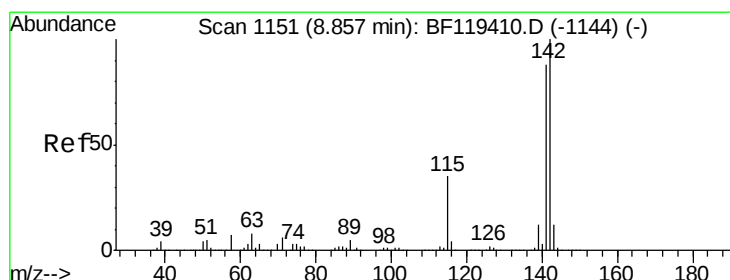
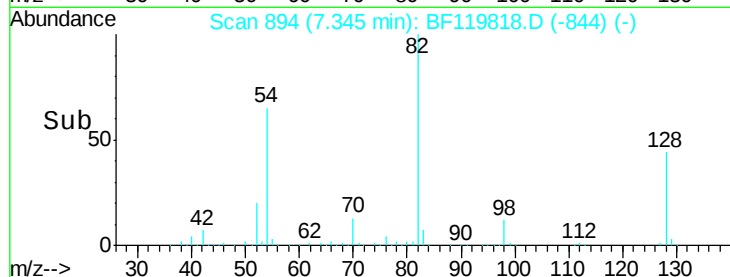
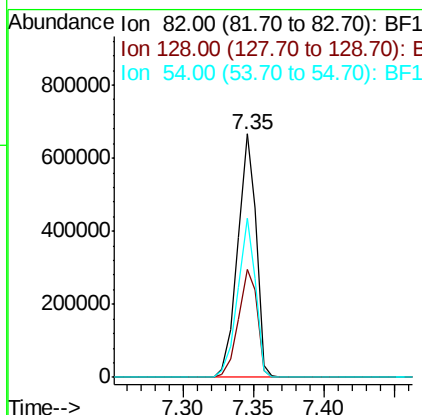
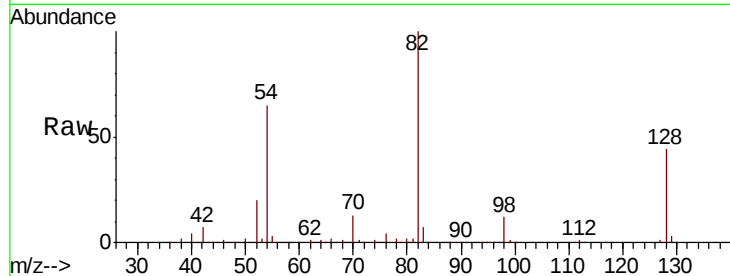
#23  
Nitrobenzene-d5  
Concen: 64.368 ng  
RT: 7.35 min Scan# 894  
Delta R.T. -0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.4  | 36.3  | 54.5  |
| 54      | 65.1  | 50.6  | 75.8  |

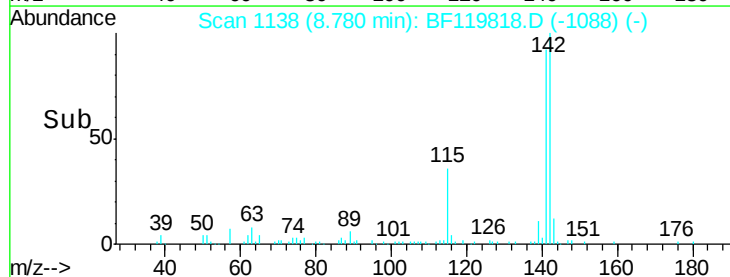
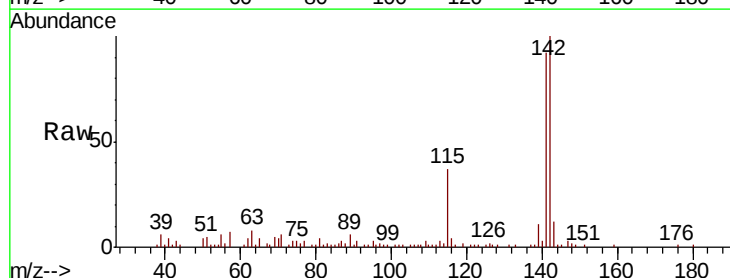
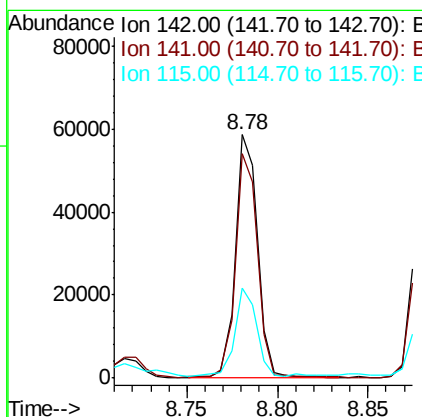
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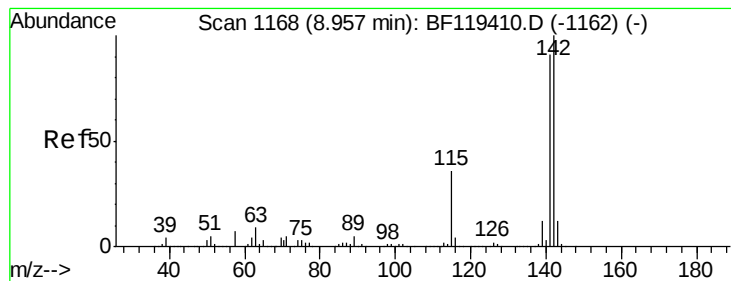
mohammad  
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#37  
2-Methylnaphthalene  
Concen: 2.918 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 71.7  | 107.5 |
| 115     | 36.9  | 27.9  | 41.9  |





#38

1-Methylnaphthalene

Concen: 4.404 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Instrument :

BNA\_F

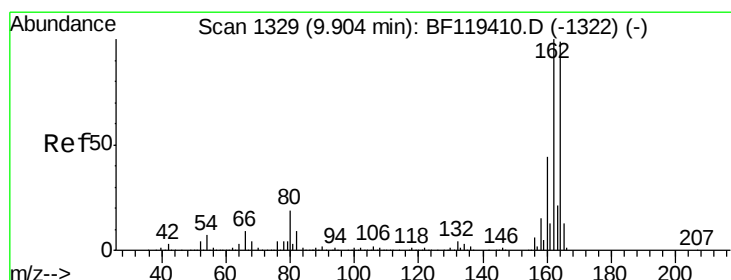
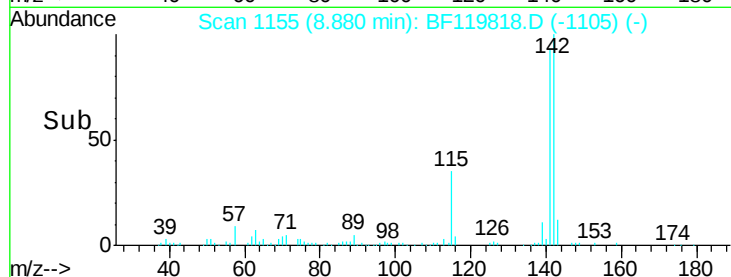
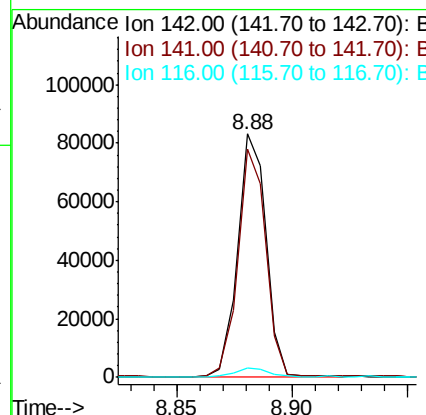
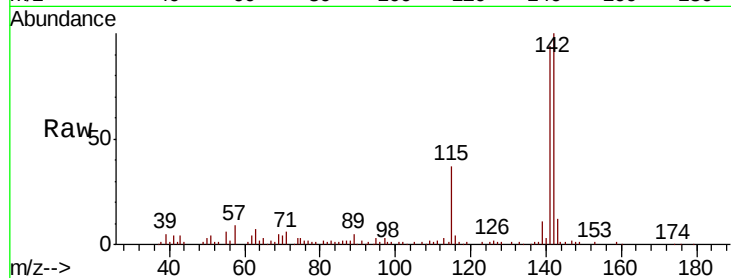
ClientSampleId :

OK-03-040220

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 142   | Resp: | 71805 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 93.7  | 73.7  | 110.5 |
| 116       | 3.9   | 3.0   | 4.6   |

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#39

Acenaphthene-d10

Concen: 20.000 ng

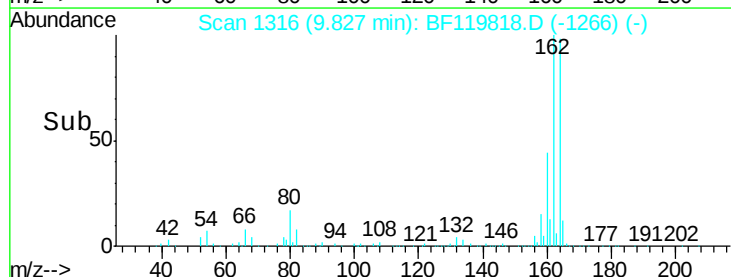
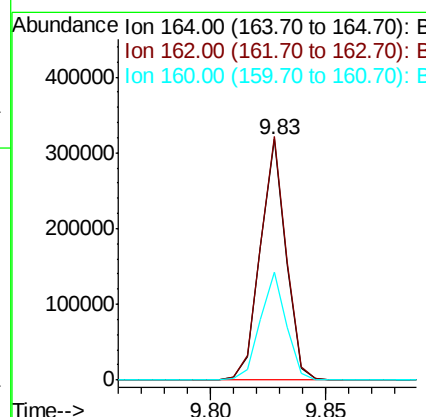
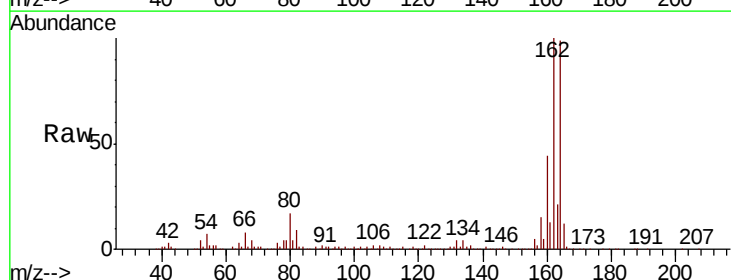
RT: 9.83 min Scan# 1316

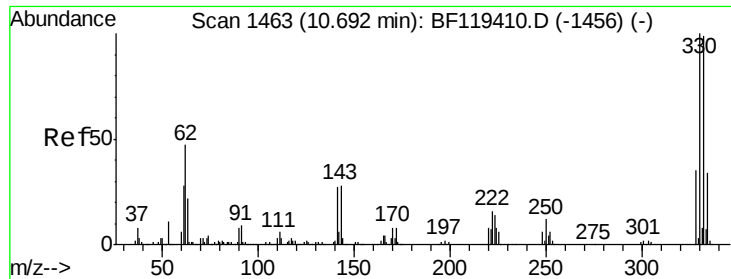
Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 247589 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.1 | 80.6  | 121.0  |
| 160       | 44.8  | 35.7  | 53.5   |





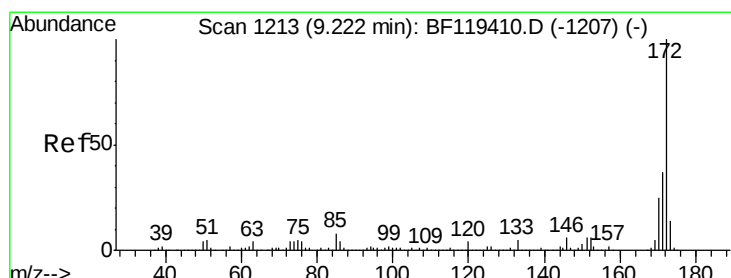
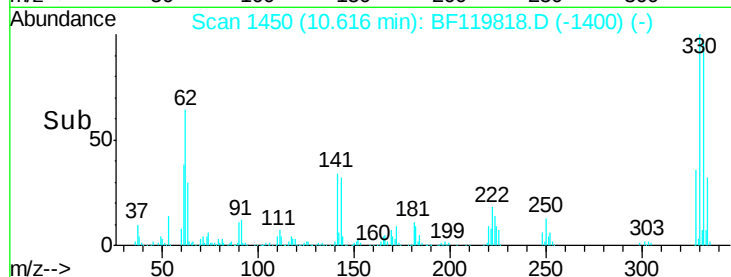
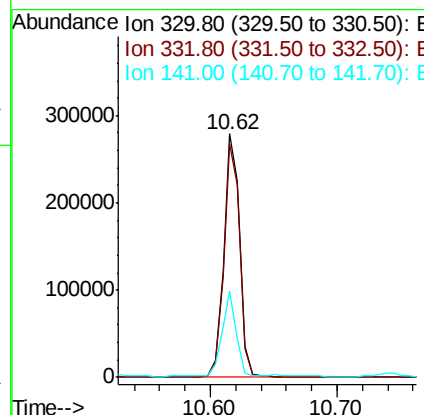
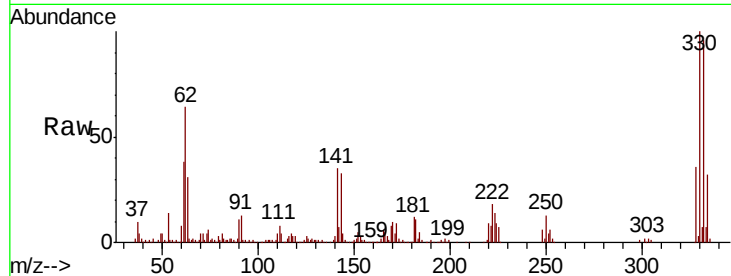
#42  
 2,4,6-Tribromophenol  
 Concen: 95.841 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.01 min  
 Lab File: BF119818.D  
 Acq: 7 Apr 2020 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-03-040220

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 244806 |       |       |
| 332     | 96.1  |        | 75.7  | 113.5 |
| 141     | 31.3  |        | 25.4  | 38.0  |

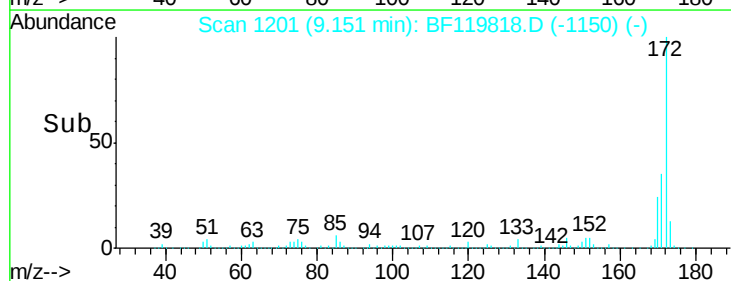
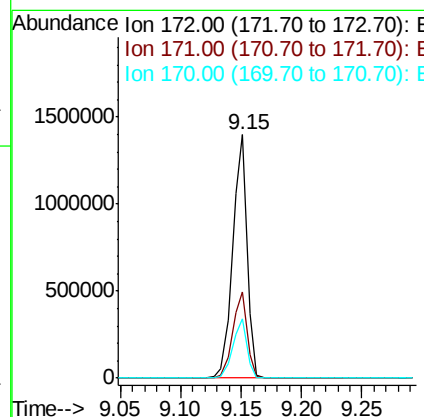
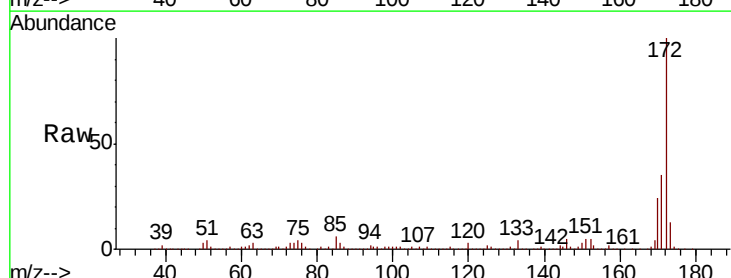
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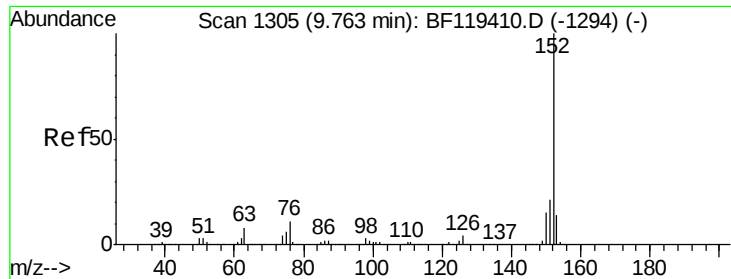
mohammad  
 4/8/2020 8:13:03 AM



#45  
 2-Fluorobiphenyl  
 Concen: 68.814 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF119818.D  
 Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1150045 |       |       |
| 171     | 35.4  |         | 29.6  | 44.4  |
| 170     | 24.2  |         | 20.2  | 30.2  |





#49

Acenaphthylene

Concen: 7.466 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Instrument :

BNA\_F

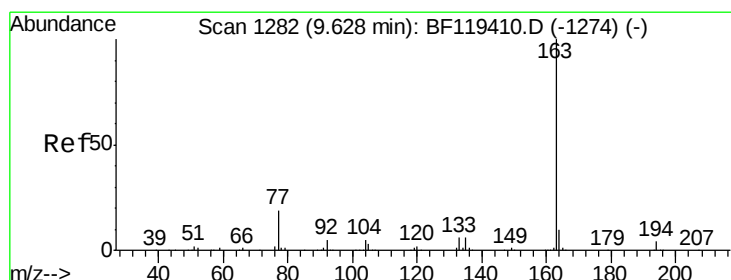
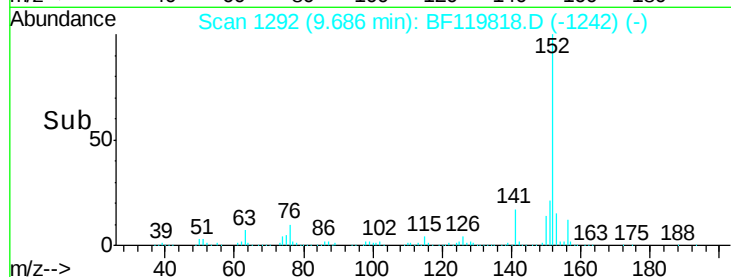
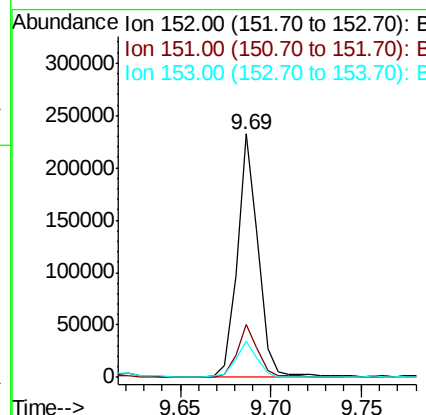
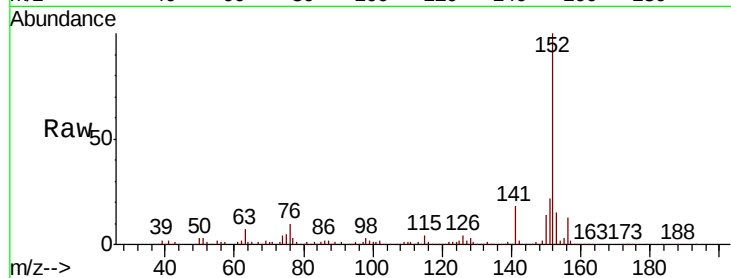
ClientSampleId :

OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.5  | 17.2  | 25.8  |
| 153     | 15.1  | 11.2  | 16.8  |

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#50

Dimethylphthalate

Concen: 11.045 ng

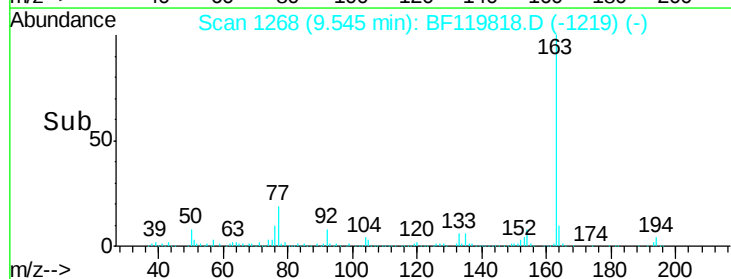
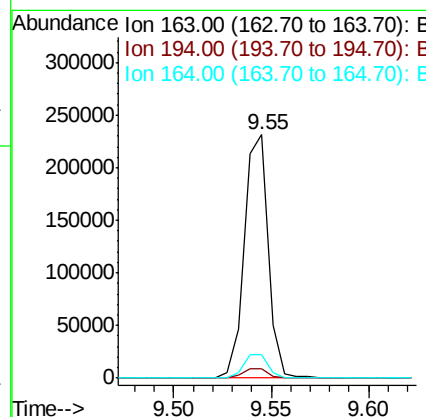
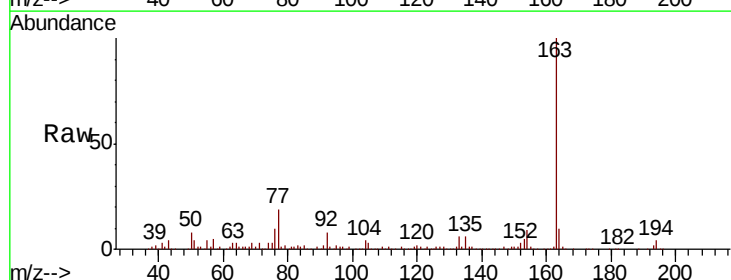
RT: 9.55 min Scan# 1268

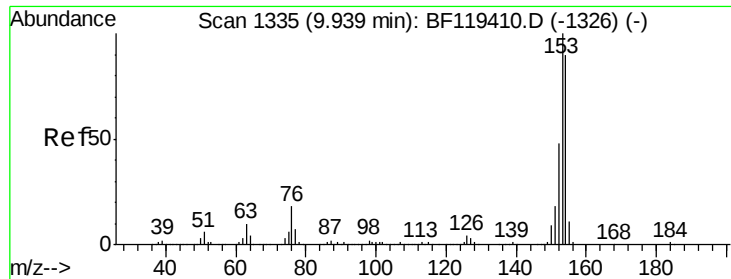
Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.1   | 4.7   |
| 164     | 9.7   | 8.2   | 12.2  |





#52

Acenaphthene

Concen: 4.127 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Instrument :

BNA\_F

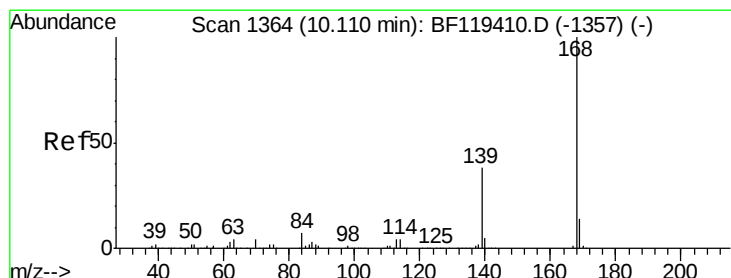
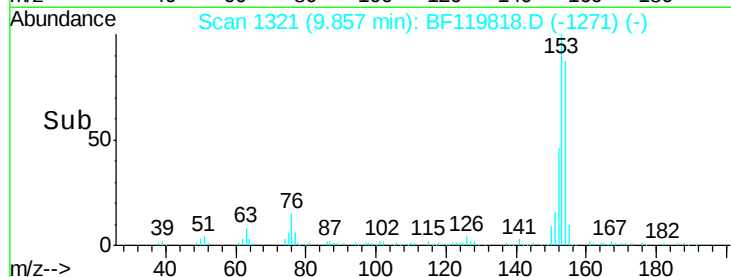
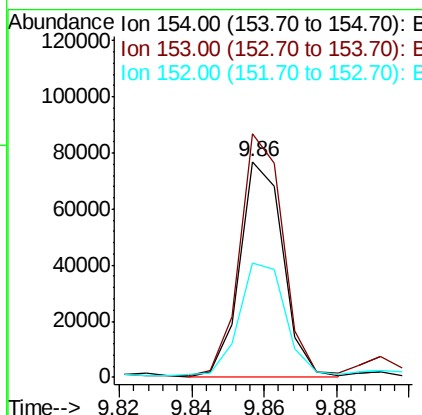
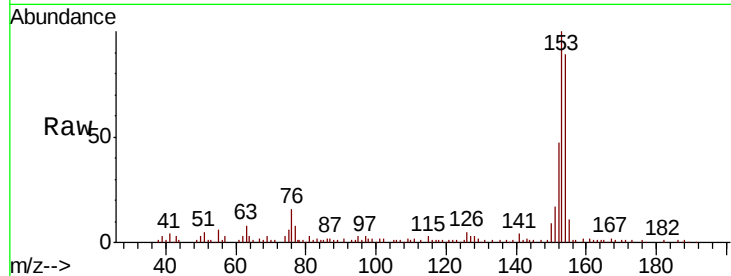
ClientSampleId :

OK-03-040220

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 63823 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 112.9 | 88.1  | 132.1 |
| 152       | 53.1  | 43.0  | 64.4  |

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#55

Dibenzofuran

Concen: 2.777 ng

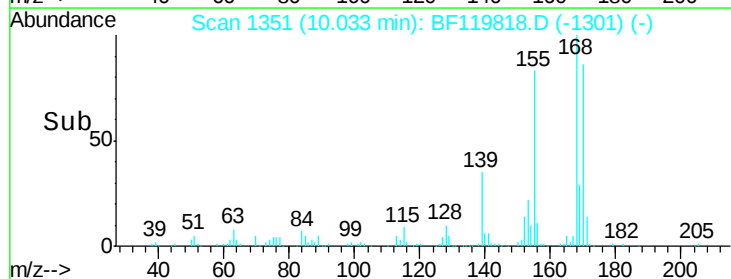
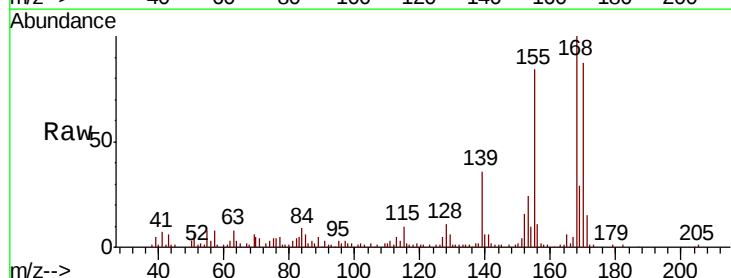
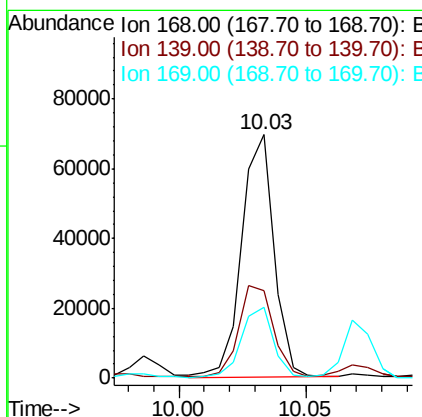
RT: 10.03 min Scan# 1351

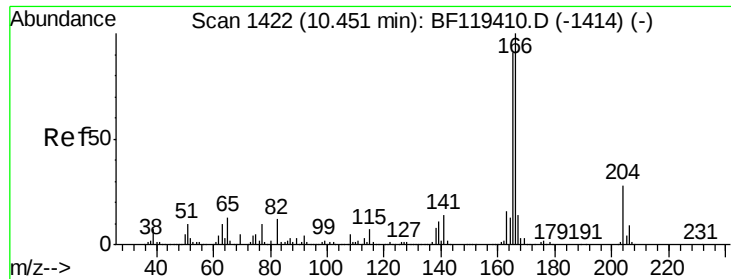
Delta R.T. -0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 61570 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 35.7  | 30.1  | 45.1  |
| 169       | 28.9  | 11.0  | 16.6# |





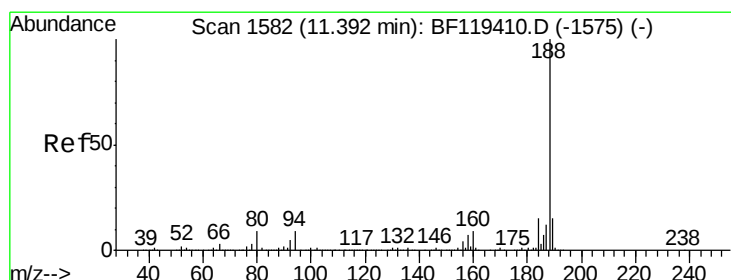
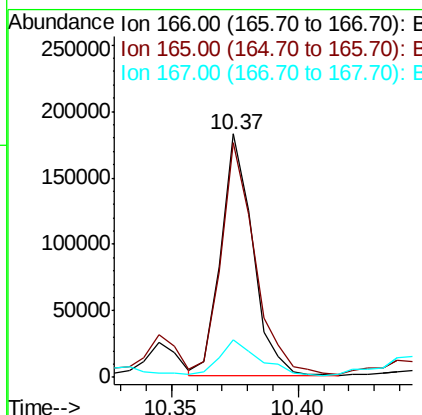
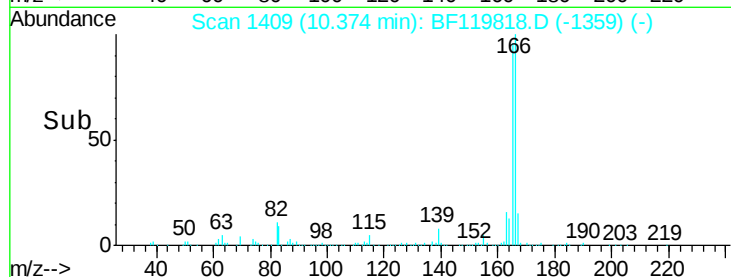
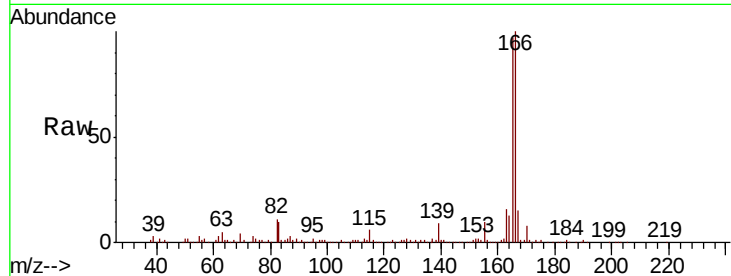
#58  
 Fluorene  
 Concen: 9.773 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. -0.01 min  
 Lab File: BF119818.D  
 Acq: 7 Apr 2020 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-03-040220

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 160225 |       |       |
| 165     | 96.6 | 75.4  | 113.2  |       |       |
| 167     | 15.2 | 11.2  | 16.8   |       |       |

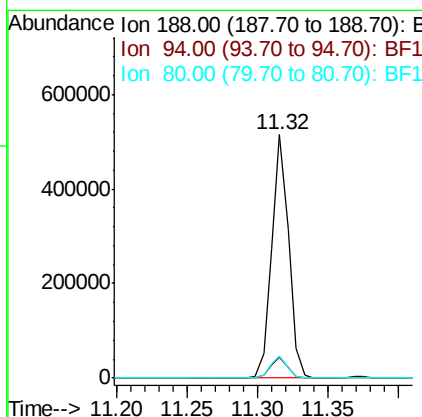
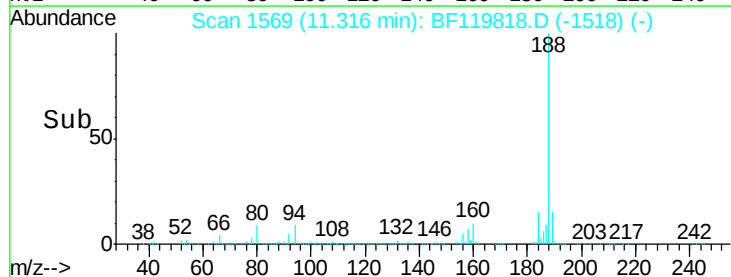
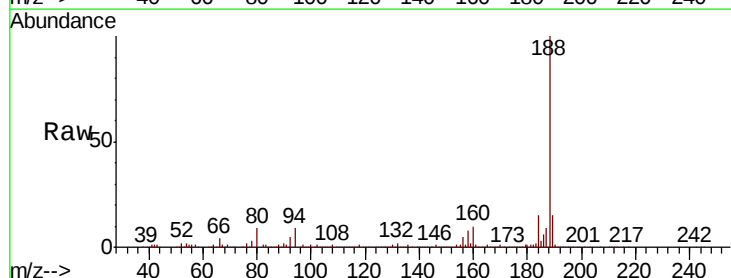
Manual Integrations  
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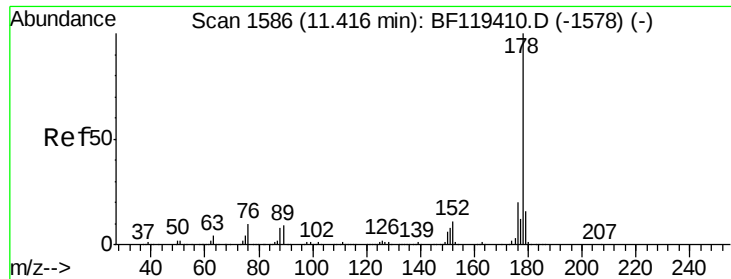
mohammad  
 4/8/2020 8:13:03 AM



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. -0.00 min  
 Lab File: BF119818.D  
 Acq: 7 Apr 2020 13:28

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 435291 |       |       |
| 94      | 8.7 | 7.5   | 11.3   |       |       |
| 80      | 9.2 | 9.0   | 13.4   |       |       |





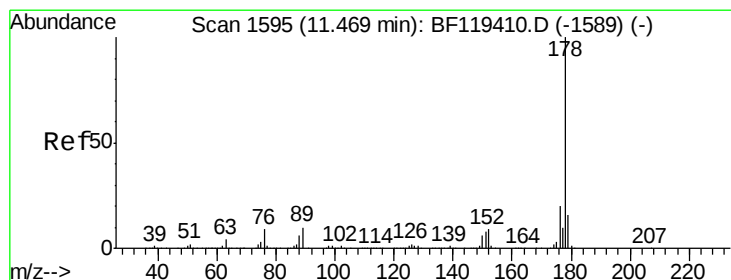
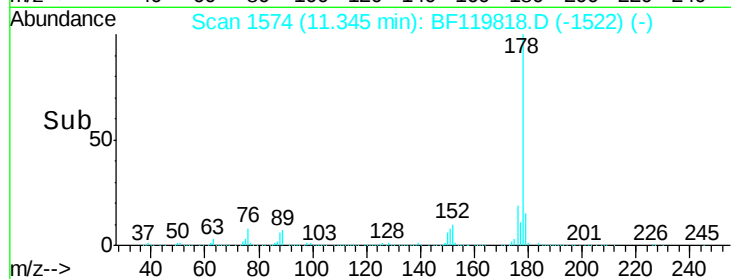
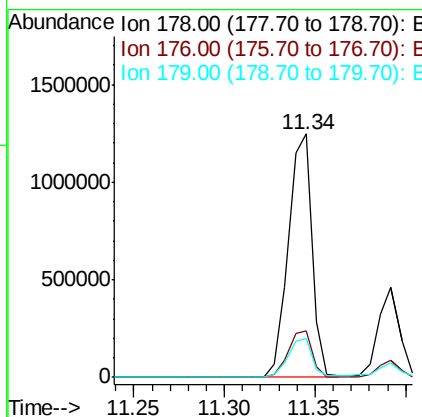
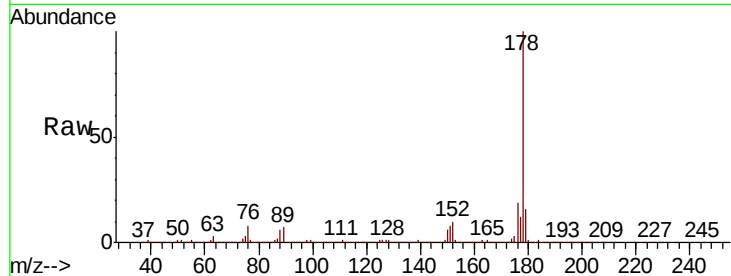
#71  
Phenanthrene  
Concen: 50.566 ng  
RT: 11.34 min Scan# 1574  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 19.3 | 16.2  | 24.4  |       |
| 179     | 15.9 | 13.2  | 19.8  |       |

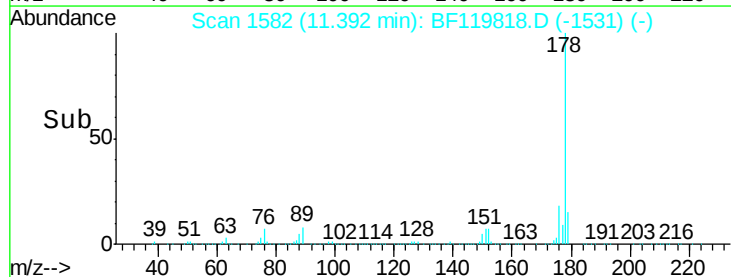
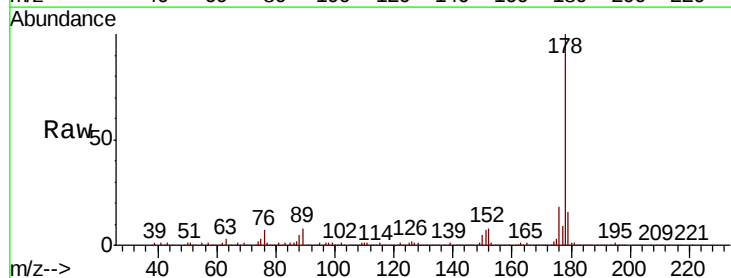
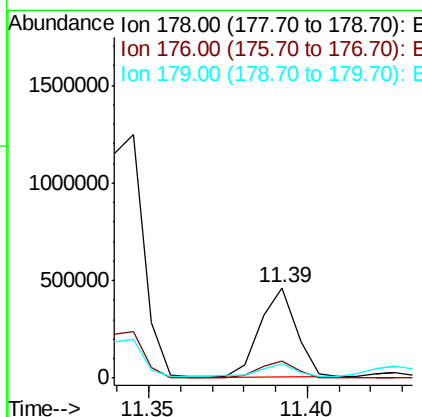
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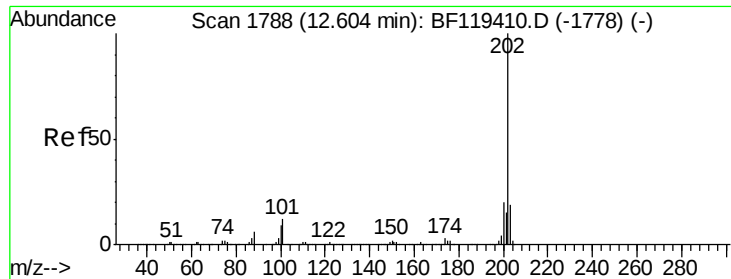
mohammad  
4/8/2020 8:13:03 AM



#72  
Anthracene  
Concen: 16.070 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 18.4 | 16.1  | 24.1  |       |
| 179     | 15.5 | 13.0  | 19.4  |       |





#75

Fluoranthene

Concen: 47.628 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

Instrument :

BNA\_F

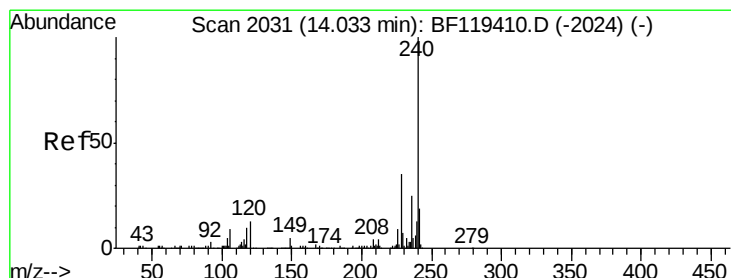
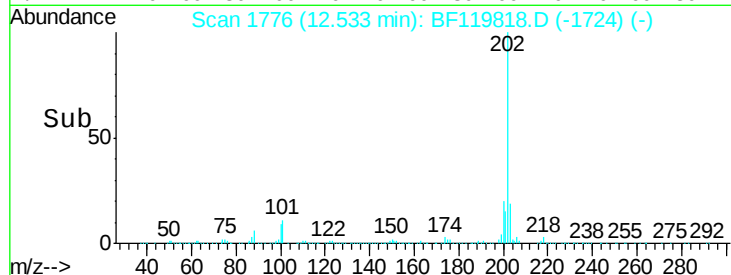
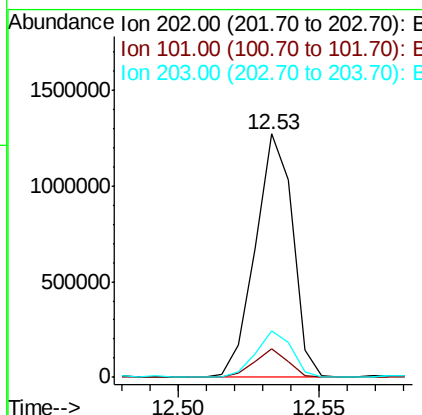
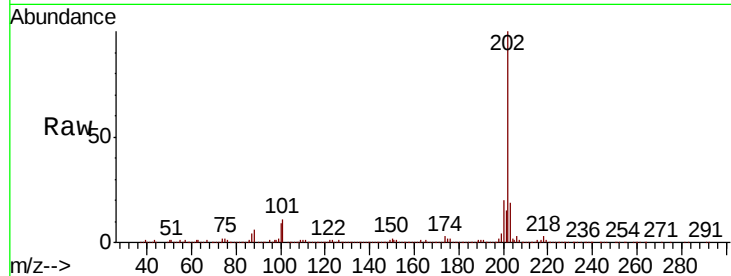
ClientSampleId :

OK-03-040220

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1163416 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 11.5  | 0.0   | 32.2    |
| 203      | 19.0  | 0.0   | 38.8    |

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#76

Chrysene-d12

Concen: 20.000 ng

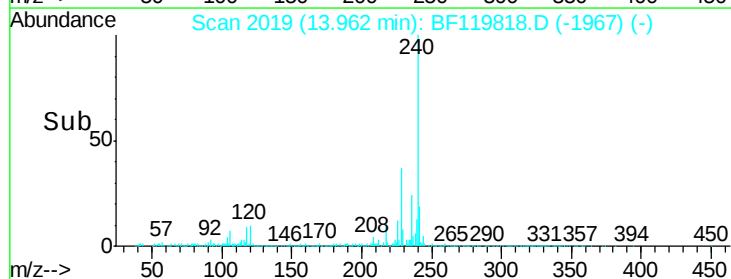
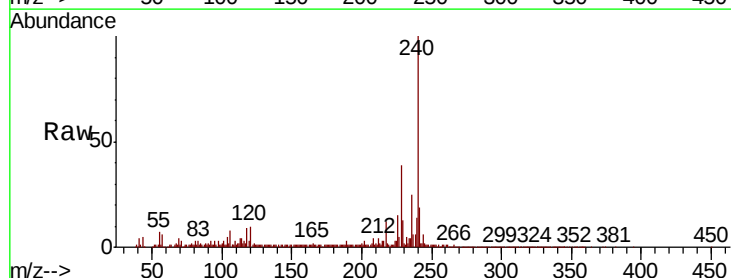
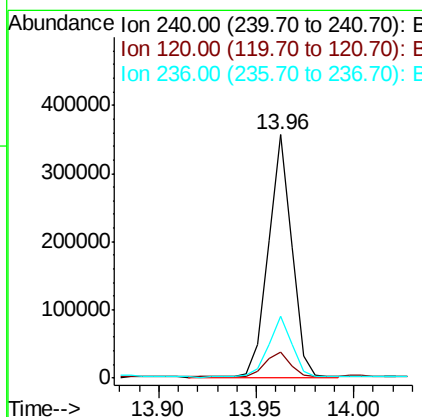
RT: 13.96 min Scan# 2019

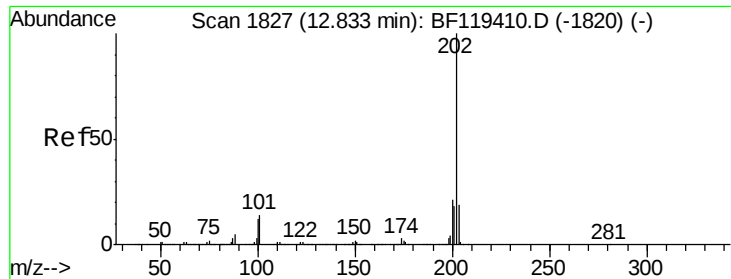
Delta R.T. 0.01 min

Lab File: BF119818.D

Acq: 7 Apr 2020 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 296785 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.4  | 10.6  | 15.8#  |
| 236      | 25.4  | 20.2  | 30.2   |





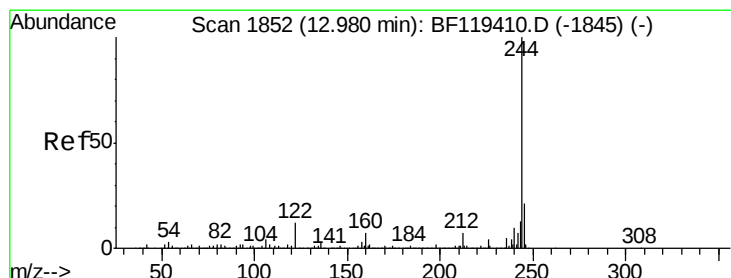
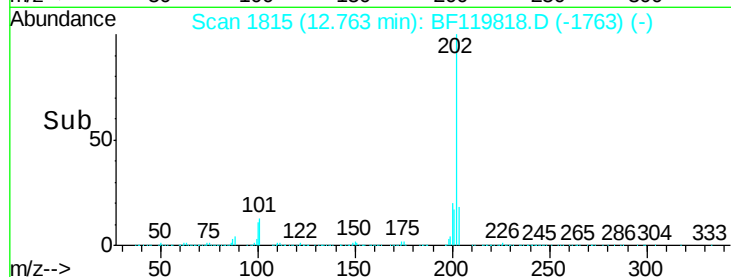
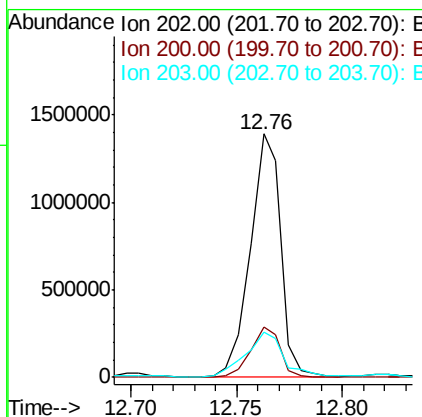
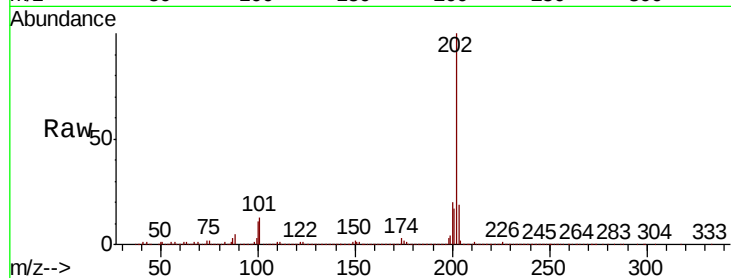
#78  
Pvrene  
Concen: 56.959 ng  
RT: 12.76 min Scan# 1815  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.4  | 16.8  | 25.2  |
| 203     | 18.6  | 15.1  | 22.7  |

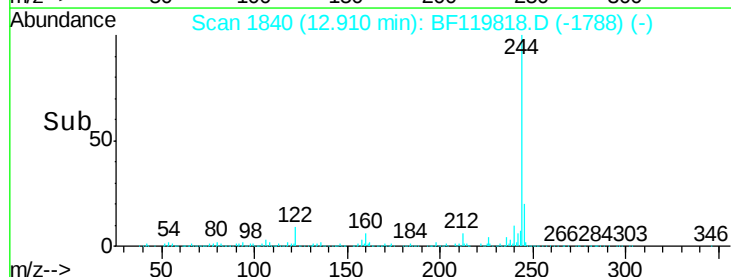
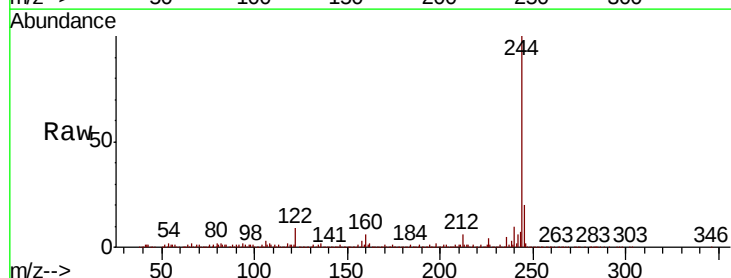
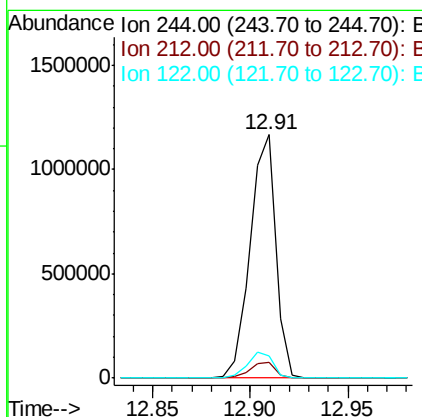
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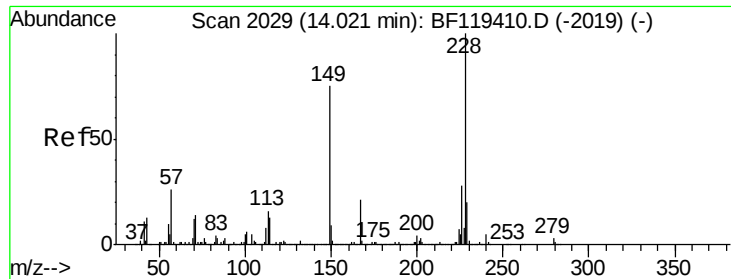
mohammad  
4/8/2020 8:13:03 AM



#79  
Terphenyl-d14  
Concen: 70.052 ng  
RT: 12.91 min Scan# 1840  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.3   | 5.8   | 8.8   |
| 122     | 9.3   | 10.3  | 15.5# |





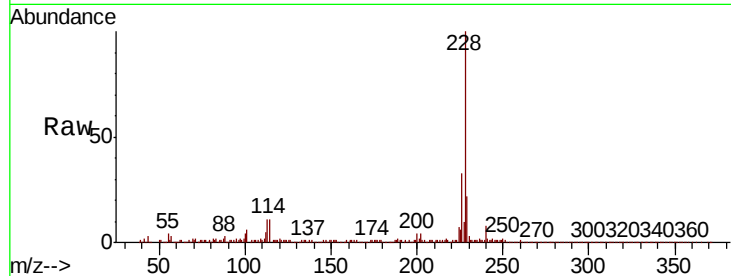
#81  
Benzo(a)anthracene  
Concen: 31.192 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.7  | 21.8  | 32.8  |
| 229     | 22.3  | 16.2  | 24.4  |

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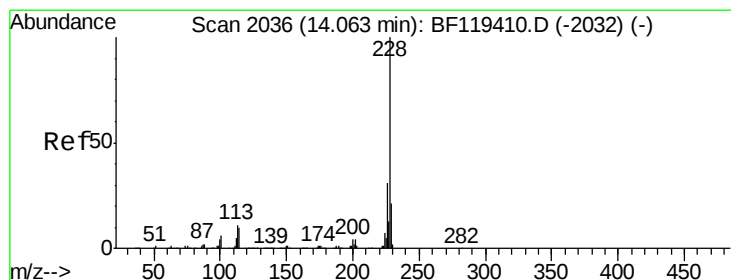
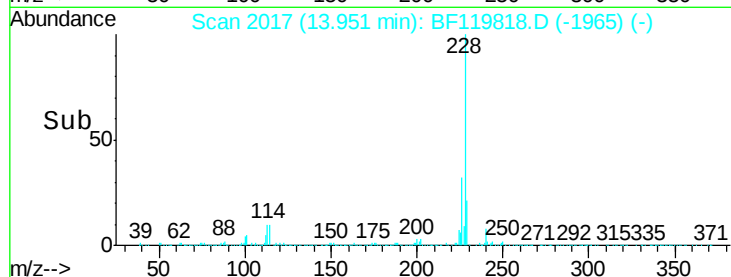
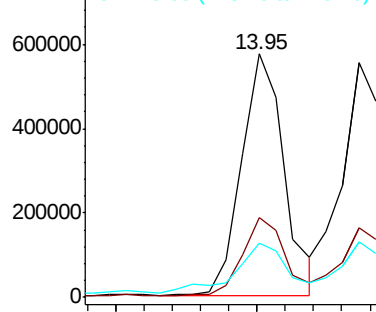


Abundance

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



#83  
Chrysene  
Concen: 27.428 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.00 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

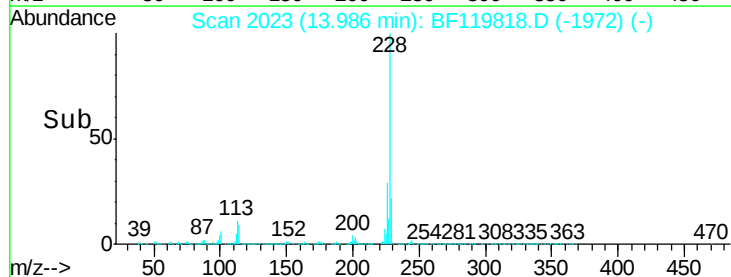
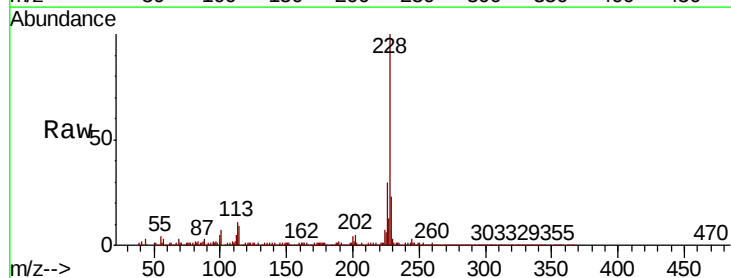
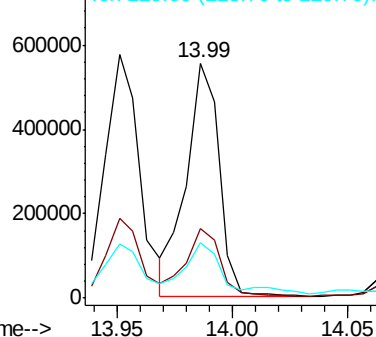
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 25.4  | 38.0  |
| 229     | 23.4  | 16.6  | 24.8  |

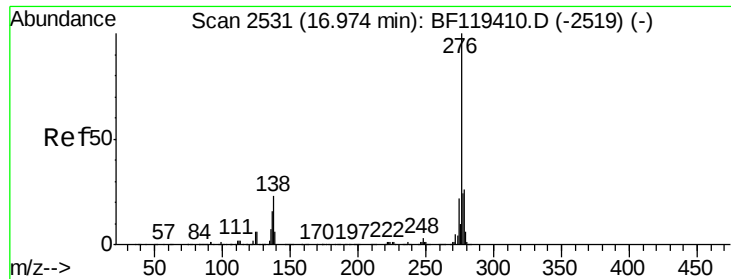
Abundance

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





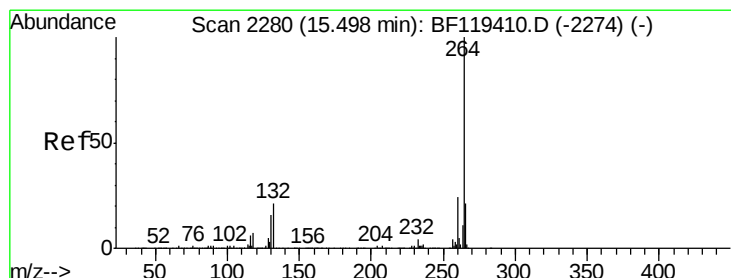
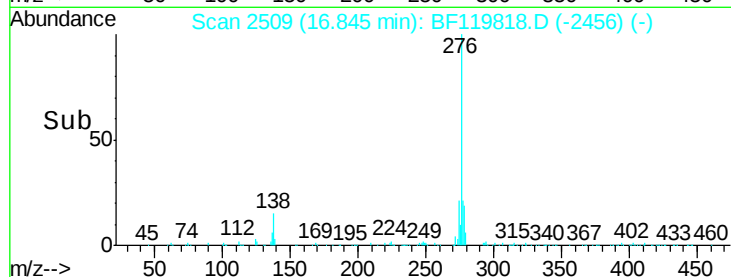
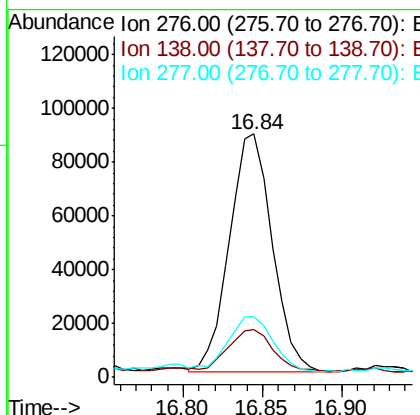
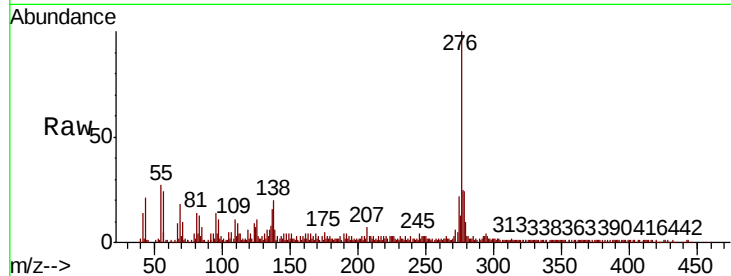
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 8.894 ng  
RT: 16.84 min Scan# 2509  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 18.5  | 19.6  | 29.4# |
| 277     | 24.0  | 20.0  | 30.0  |

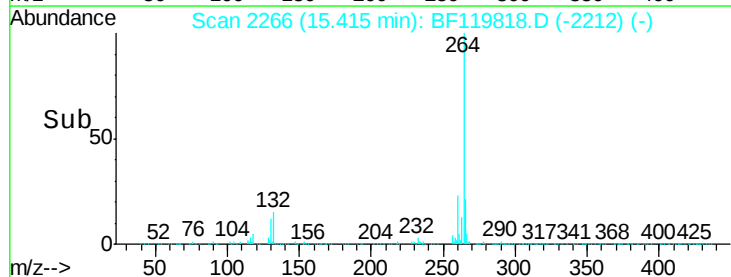
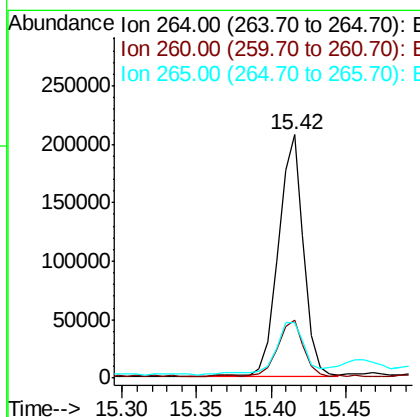
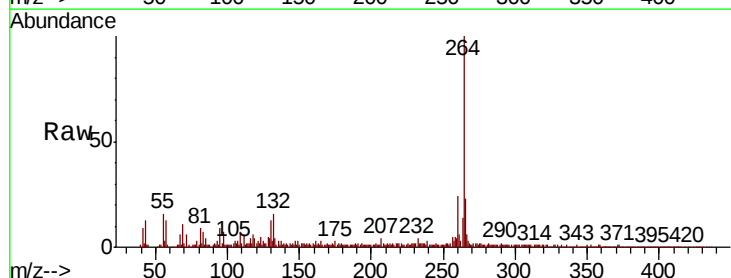
Manual Integrations  
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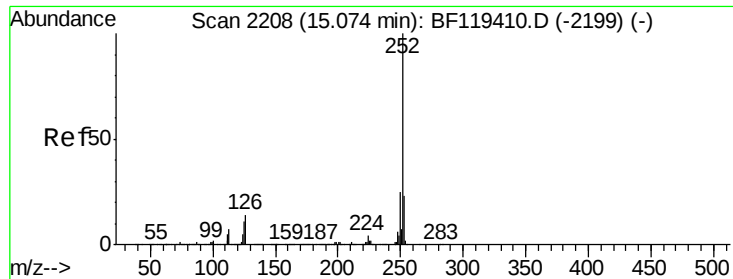
mohammad  
4/8/2020 8:13:03 AM



#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. 0.02 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.7  | 28.1  |
| 265     | 22.8  | 17.7  | 26.5  |





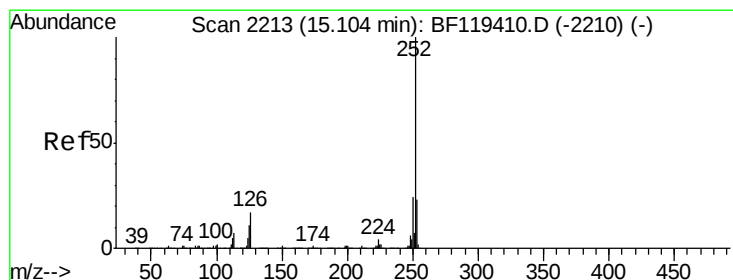
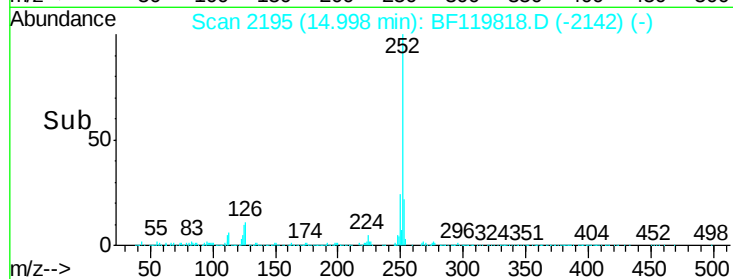
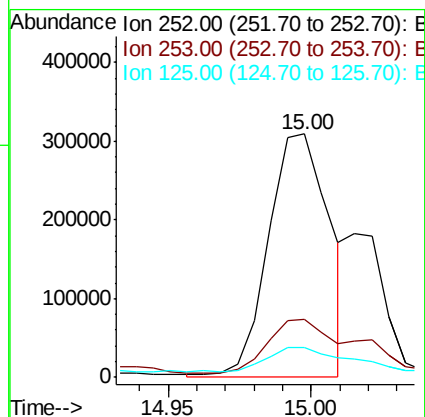
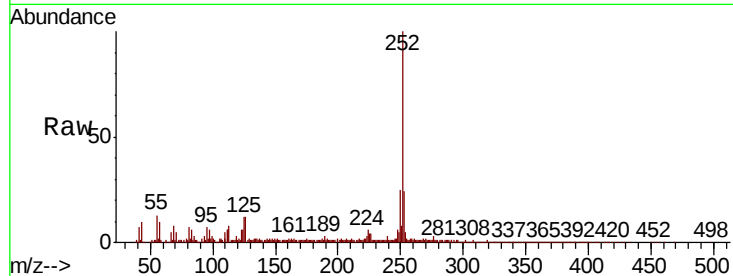
#88  
Benzo(b)fluoranthene  
Concen: 28.609 ng m  
RT: 15.00 min Scan# 2195  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 17.4  | 26.0  |
| 125     | 12.1  | 7.9   | 11.9  |

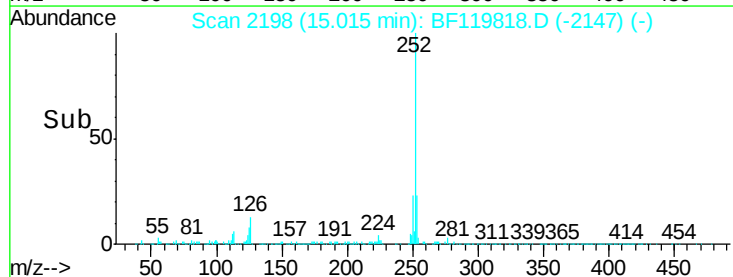
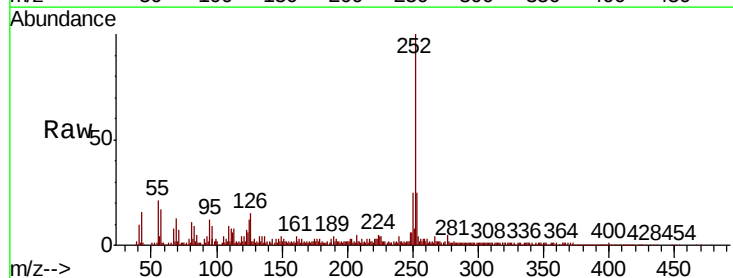
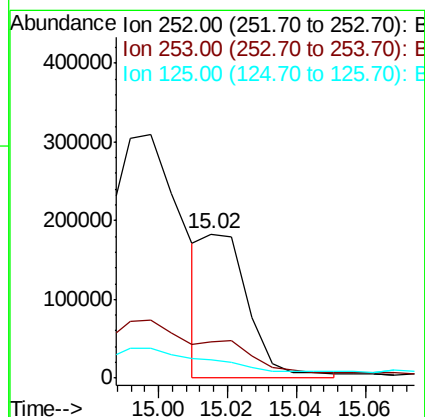
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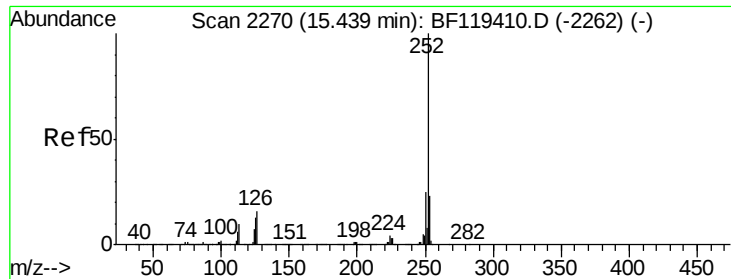
mohammad  
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#89  
Benzo(k)fluoranthene  
Concen: 10.949 ng m  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 25.3  | 17.8  | 26.6  |
| 125     | 12.4  | 8.4   | 12.6  |





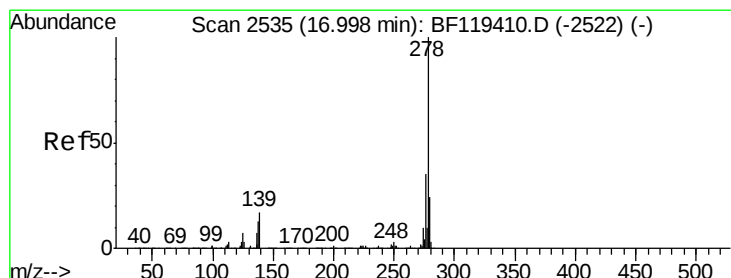
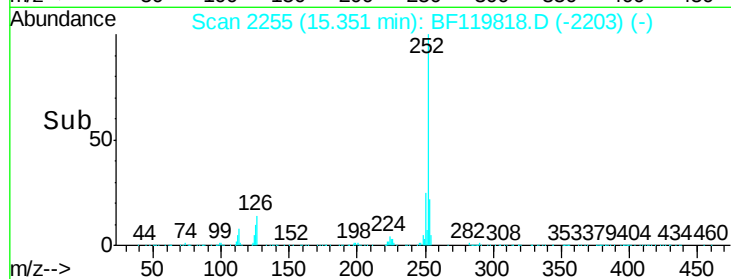
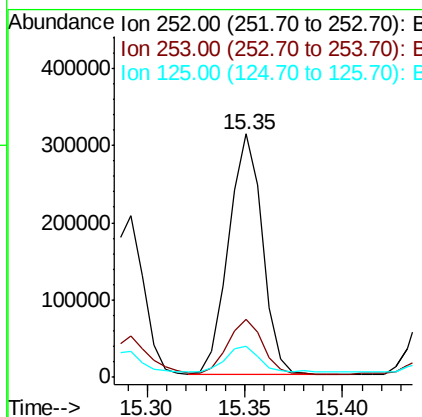
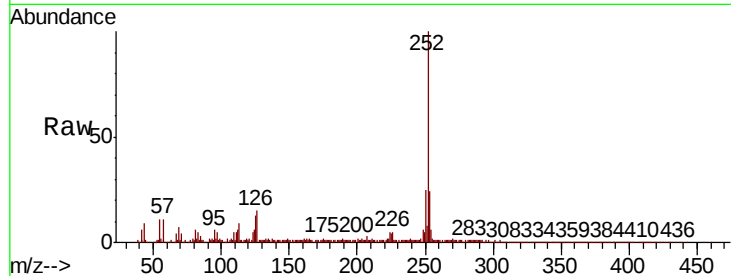
#90  
Benzo(a)pyrene  
Concen: 25.334 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
OK-03-040220

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.0  | 18.2  | 27.2  |
| 125     | 12.6  | 9.4   | 14.2  |

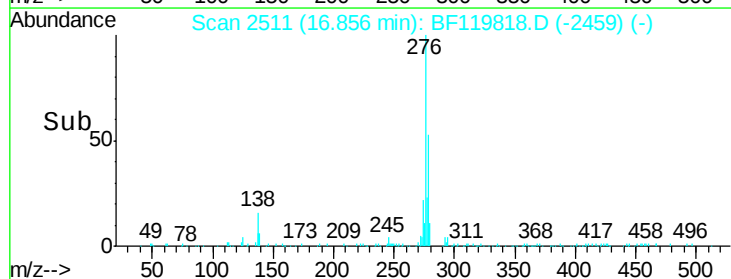
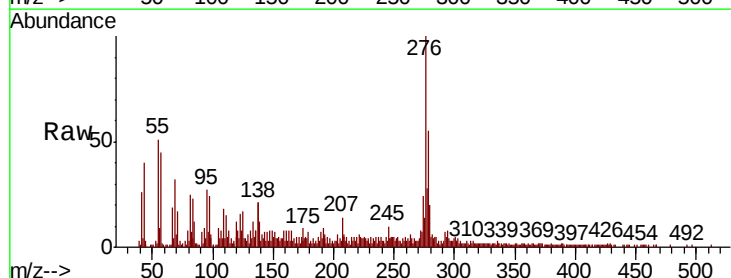
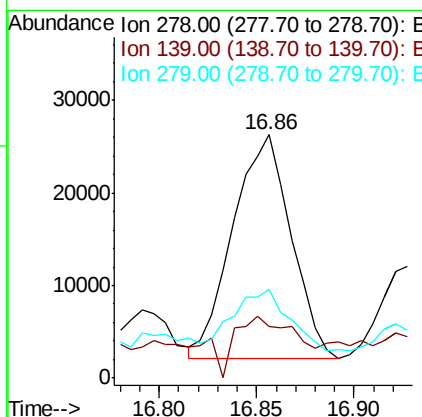
Manual Integrations  
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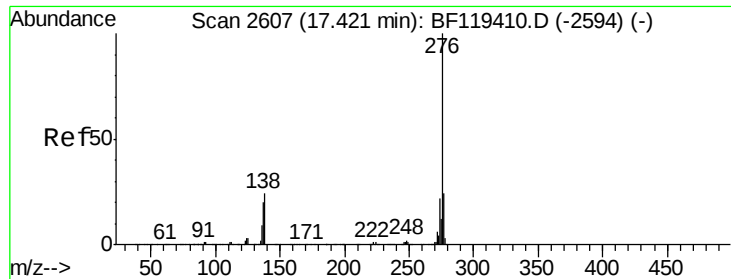
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#91  
Dibenzo(a,h)anthracene  
Concen: 3.875 ng  
RT: 16.86 min Scan# 2511  
Delta R.T. 0.01 min  
Lab File: BF119818.D  
Acq: 7 Apr 2020 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.4  | 12.6  | 19.0# |
| 279     | 36.4  | 19.0  | 28.6# |





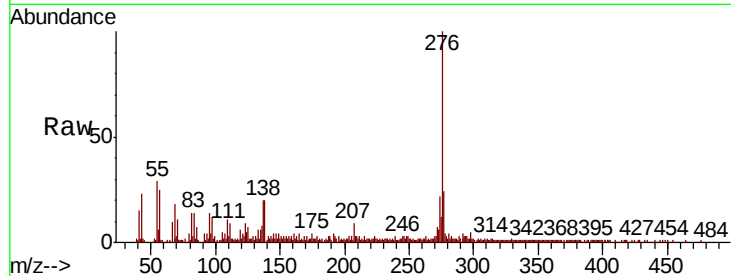
#92  
 Benzo(a,h,i)perylene  
 Concen: 12.419 ng  
 RT: 17.27 min Scan# 2582  
 Delta R.T. 0.01 min  
 Lab File: BF119818.D  
 Acq: 7 Apr 2020 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-03-040220

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 277     | 24.4 | 18.4  | 27.6  |       |
| 138     | 20.0 | 15.4  | 23.0  |       |

Manual Integrations  
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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

