

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\  
 Data File : BF115878.D  
 Acq On : 31 Jul 2019 20:46  
 Operator : HP/JU  
 Sample : K4049-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

Manual Integrations  
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Quant Time: Aug 01 07:34:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 15:31:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 136969   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 516352   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 277630   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.38 | 188  | 443875   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.03 | 240  | 313096   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.50 | 264  | 358558   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.47  | 112 | 715206  | 87.41 | ng | 0.00 |
| 7) Phenol-d6                | 6.49  | 99  | 944270  | 91.47 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.41  | 82  | 577235  | 64.53 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330 | 226953  | 84.32 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.21  | 172 | 1009771 | 68.13 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.96 | 244 | 903880  | 60.83 | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 49) Acenaphthylene             | 9.75  | 152 | 65113   | 2.736  | ng | 100  |
| 50) Dimethylphthalate          | 9.60  | 163 | 139372  | 7.373  | ng | 99   |
| 58) Fluorene                   | 10.44 | 166 | 38291   | 2.344  | ng | 99   |
| 71) Phenanthrene               | 11.40 | 178 | 806650  | 35.548 | ng | 100  |
| 72) Anthracene                 | 11.46 | 178 | 117389  | 5.112  | ng | 100  |
| 73) Carbazole                  | 11.61 | 167 | 72056   | 3.458  | ng | 99   |
| 75) Fluoranthene               | 12.60 | 202 | 1037247 | 43.662 | ng | 99   |
| 78) Pyrene                     | 12.83 | 202 | 955418  | 40.481 | ng | 99   |
| 81) Benzo(a)anthracene         | 14.02 | 228 | 421104  | 21.043 | ng | 95   |
| 83) Chrysene                   | 14.05 | 228 | 412970  | 21.256 | ng | 97   |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 44974   | 3.467  | ng | 99   |
| 86) Indeno(1,2,3-cd)pyrene     | 16.97 | 276 | 214270  | 13.131 | ng | 96   |
| 88) Benzo(b)fluoranthene       | 15.07 | 252 | 525886m | 25.366 | ng |      |
| 89) Benzo(k)fluoranthene       | 15.10 | 252 | 197230m | 9.767  | ng |      |
| 90) Benzo(a)pyrene             | 15.44 | 252 | 373264  | 20.140 | ng | 97   |
| 91) Dibenzo(a,h)anthracene     | 16.98 | 278 | 51902   | 3.235  | ng | # 87 |
| 92) Benzo(a,h,i)perylene       | 17.42 | 276 | 192094  | 12.193 | ng | 99   |

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

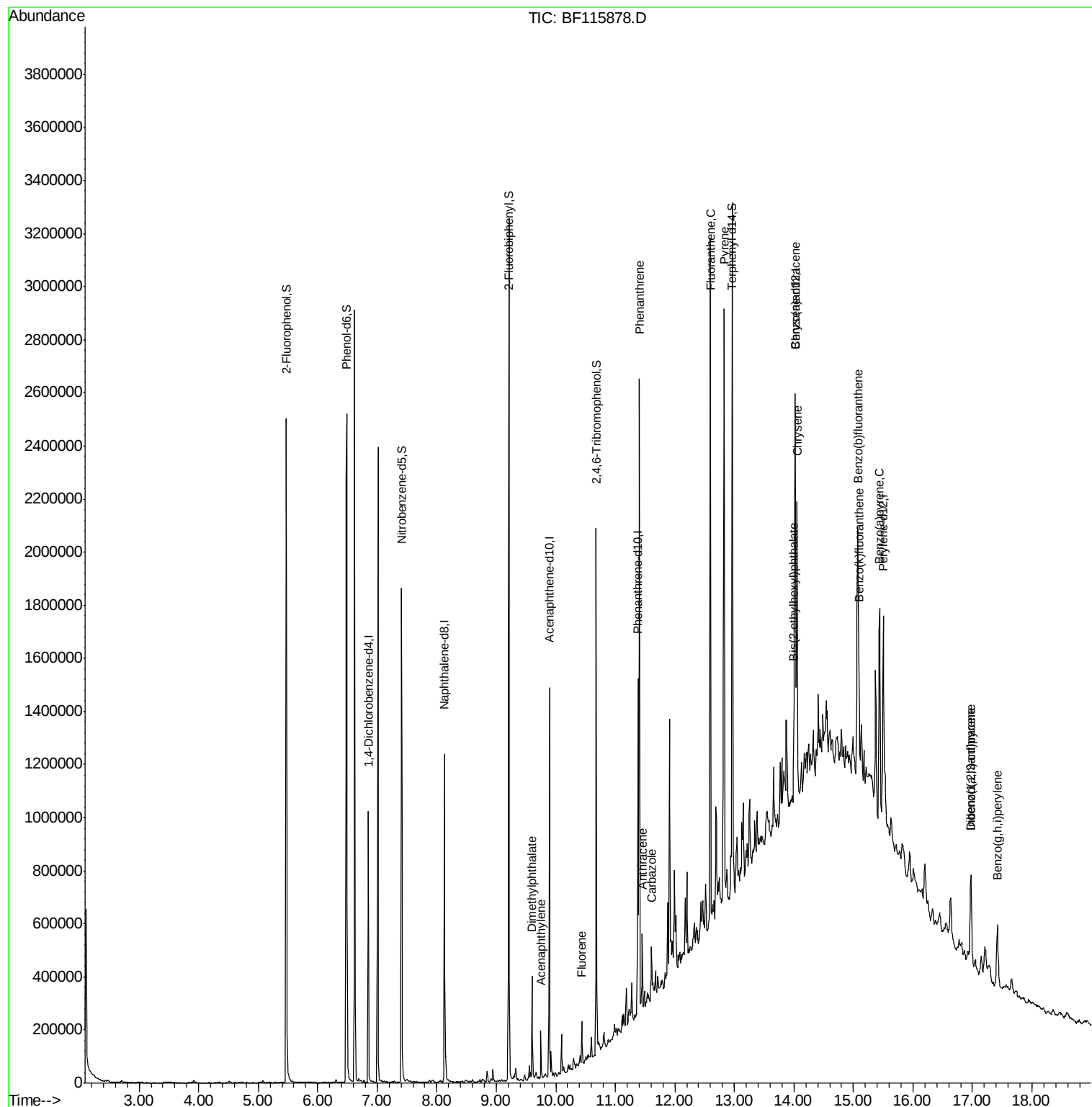
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\  
Data File : BF115878.D  
Acq On : 31 Jul 2019 20:46  
Operator : HP/JU  
Sample : K4049-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SP-2

Manual Integrations  
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Quant Time: Aug 01 07:34:12 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 31 15:31:51 2019  
Response via : Initial Calibration





#1

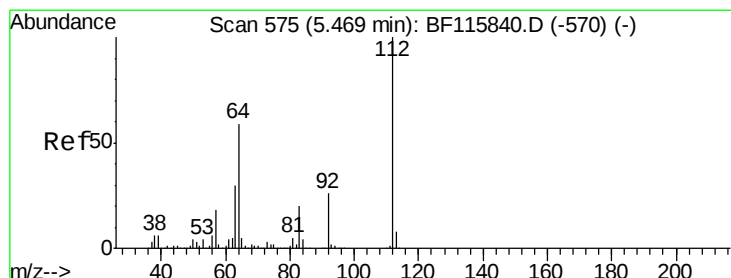
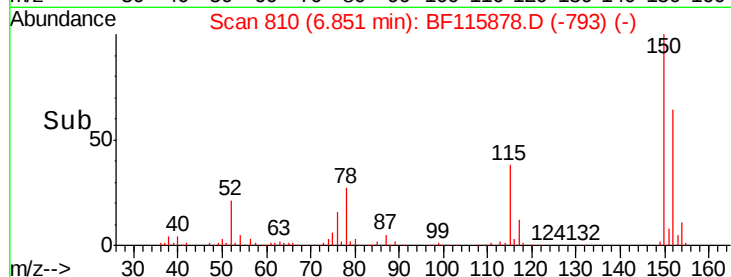
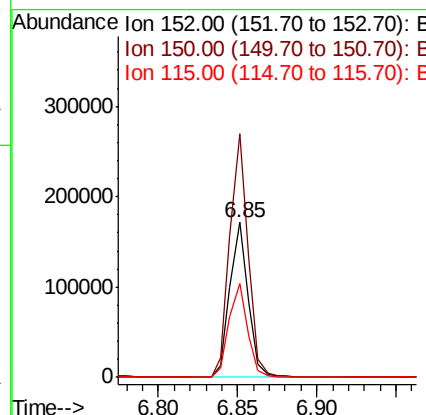
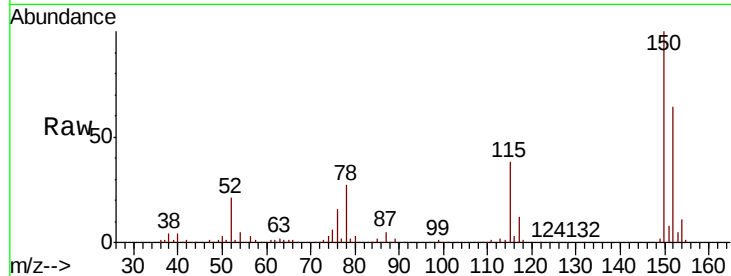
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

Instrument :  
BNA\_F  
ClientSampleId :  
SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.0 | 127.4 | 191.0 |
| 115     | 60.3  | 51.8  | 77.8  |

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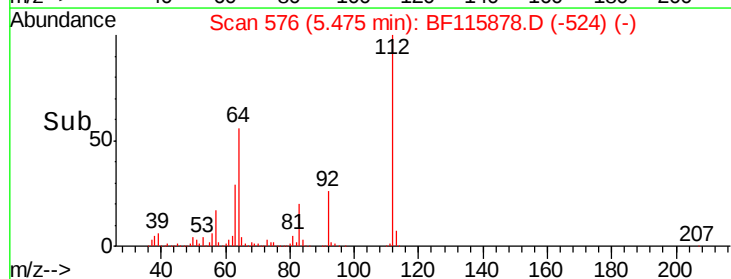
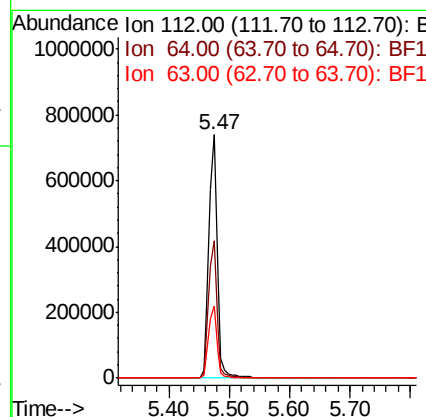
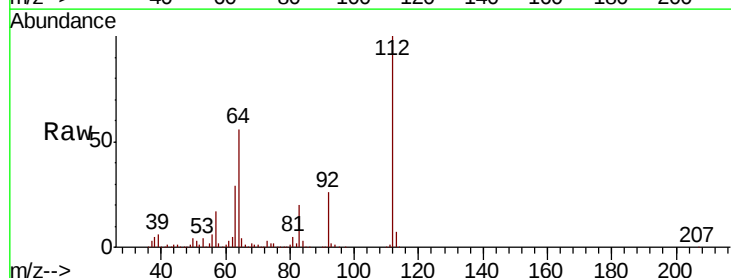
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#5

2-Fluorophenol  
Concen: 87.414 ng  
RT: 5.47 min Scan# 576  
Delta R.T. 0.01 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.3  | 46.8  | 70.2  |
| 63      | 29.4  | 24.2  | 36.2  |





#7

Phenol-d6

Concen: 91.474 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA\_F

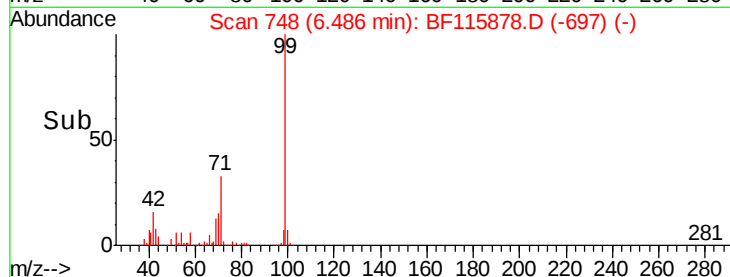
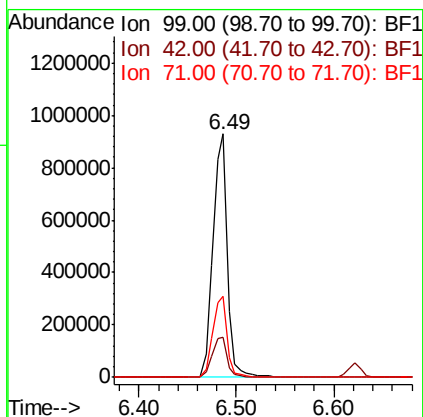
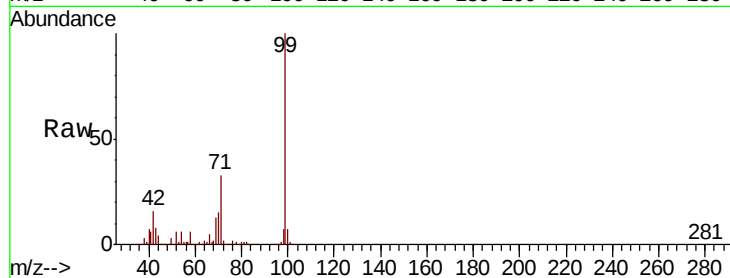
ClientSampleId :

SP-2

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 944270 |       |       |
| 42      | 16.3 | 13.8  | 20.6   |       |       |
| 71      | 33.3 | 27.1  | 40.7   |       |       |

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#21

Naphthalene-d8

Concen: 20.000 ng

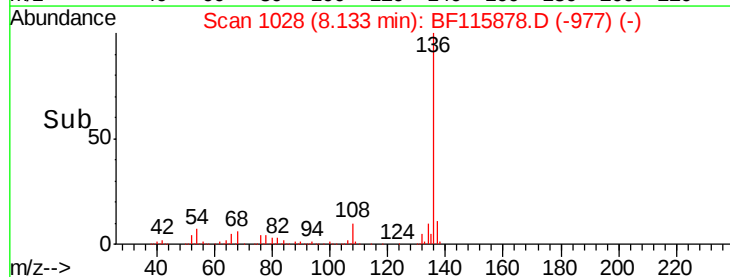
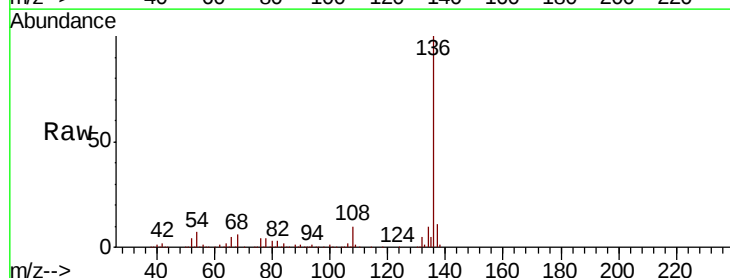
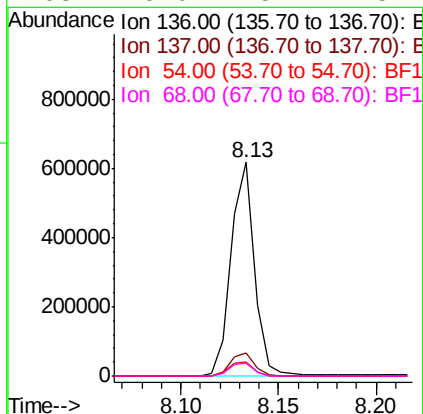
RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 516352 |       |       |
| 137     | 10.9 | 9.1   | 13.7   |       |       |
| 54      | 6.7  | 6.1   | 9.1    |       |       |
| 68      | 6.0  | 5.4   | 8.2    |       |       |





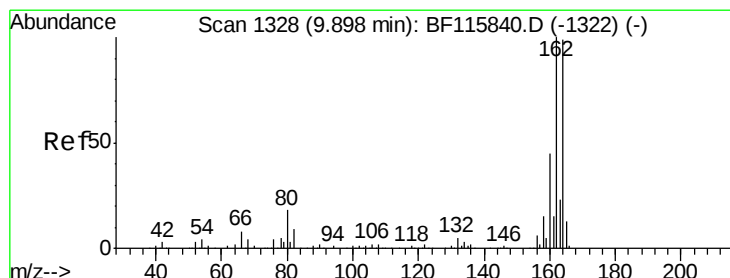
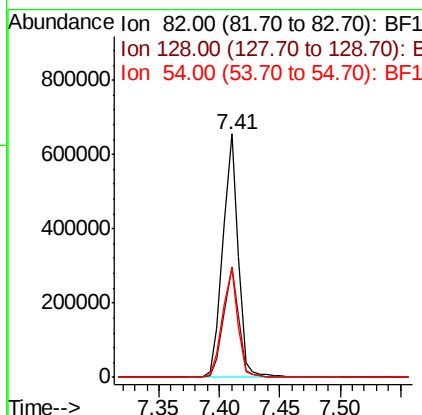
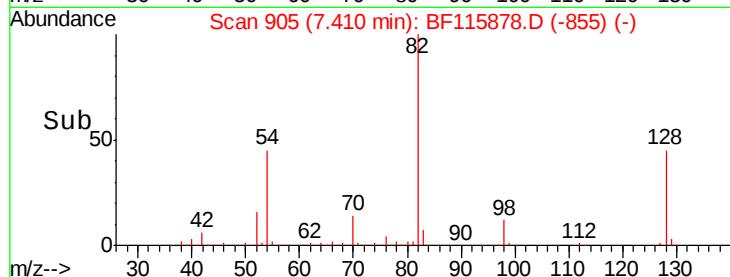
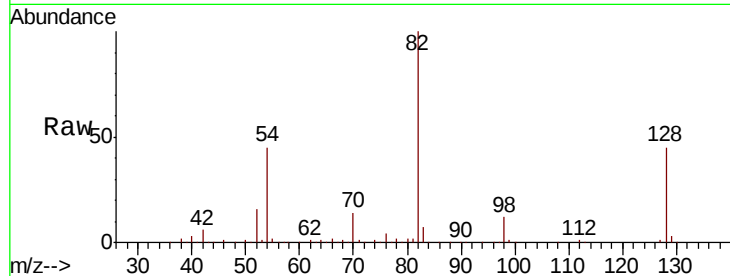
#23  
 Nitrobenzene-d5  
 Concen: 64.529 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampled :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.2  | 36.6  | 55.0  |
| 54      | 45.0  | 36.6  | 55.0  |

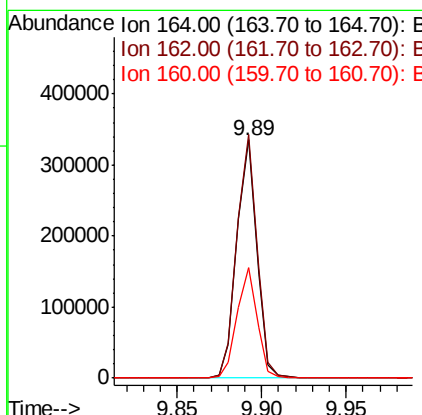
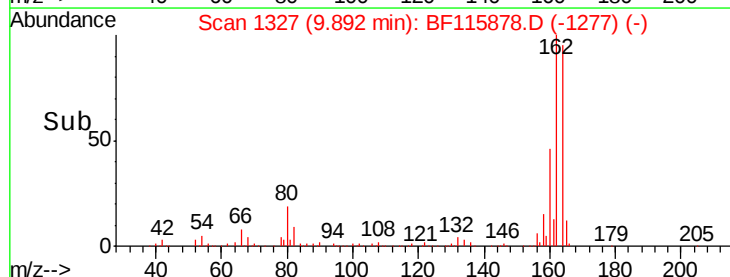
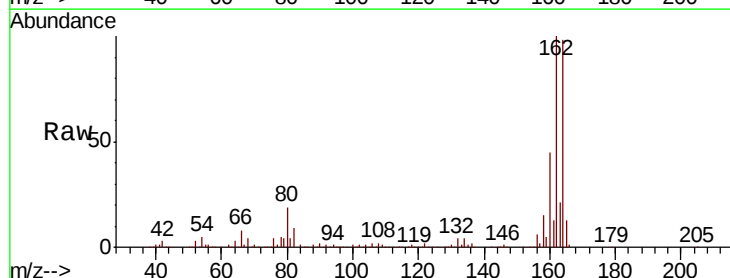
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#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 80.8  | 121.2 |
| 160     | 46.4  | 36.2  | 54.4  |





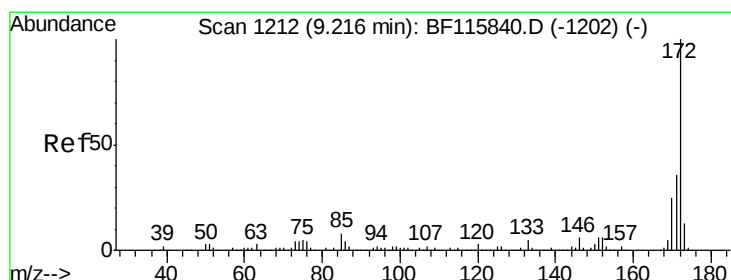
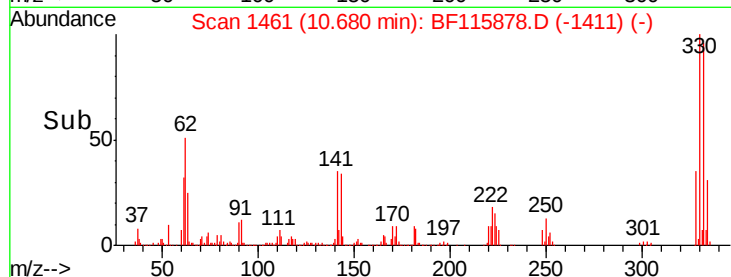
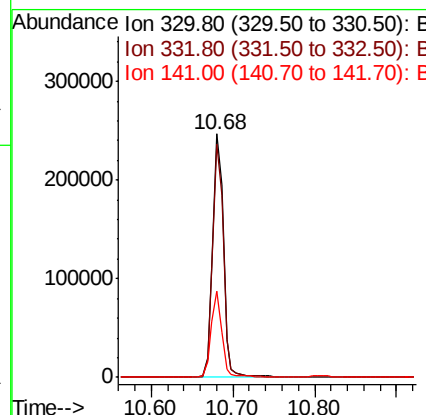
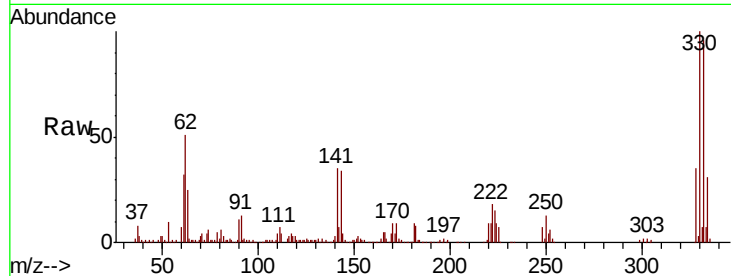
#42  
 2,4,6-Tribromophenol  
 Concen: 84.316 ng  
 RT: 10.68 min Scan# 1461  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 226953 |       |       |
| 332     | 96.1  | 77.7   | 116.5 |       |
| 141     | 34.6  | 28.1   | 42.1  |       |

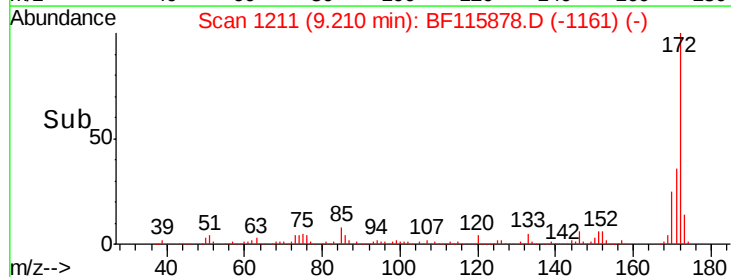
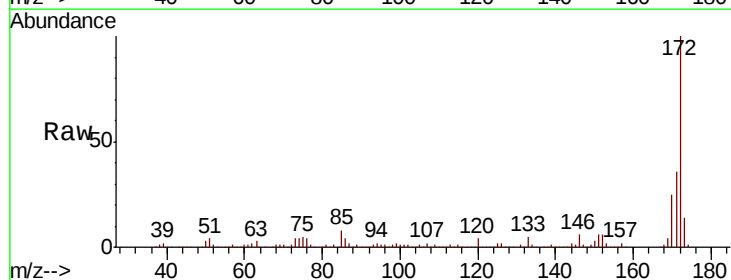
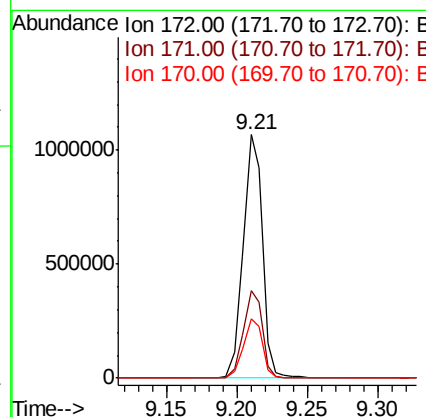
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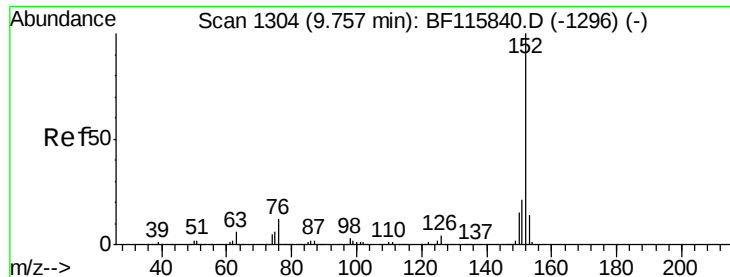
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#45  
 2-Fluorobiphenyl  
 Concen: 68.126 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1009771 |       |       |
| 171     | 35.9  | 29.1    | 43.7  |       |
| 170     | 24.5  | 20.1    | 30.1  |       |





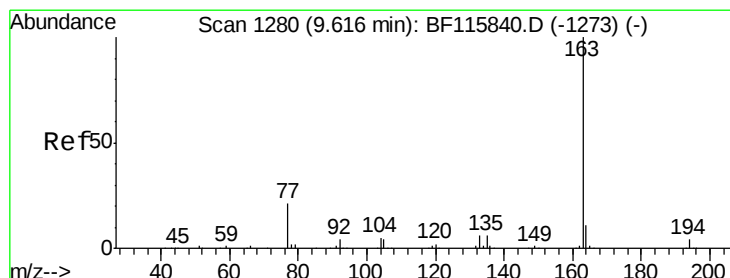
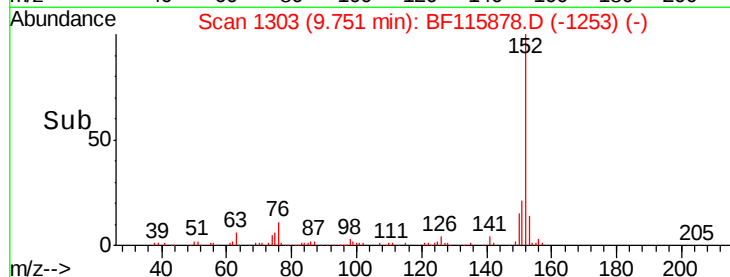
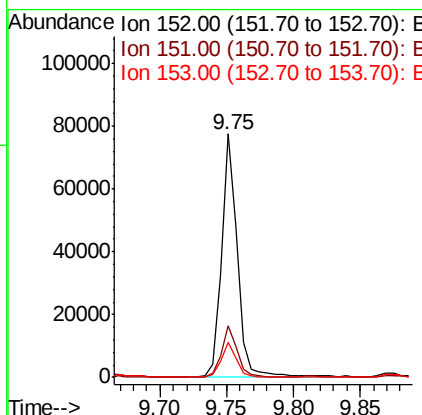
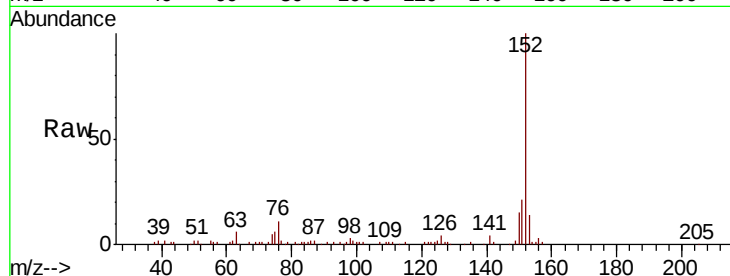
#49  
Acenaphthylene  
Concen: 2.736 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

Instrument :  
BNA\_F  
ClientSampled :  
SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.1  | 16.8  | 25.2  |
| 153     | 14.3  | 11.6  | 17.4  |

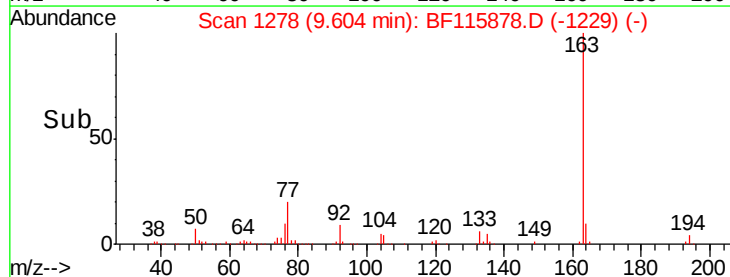
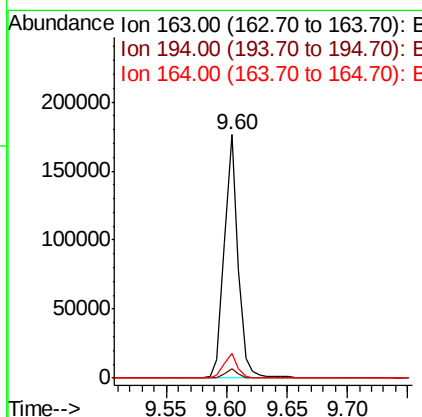
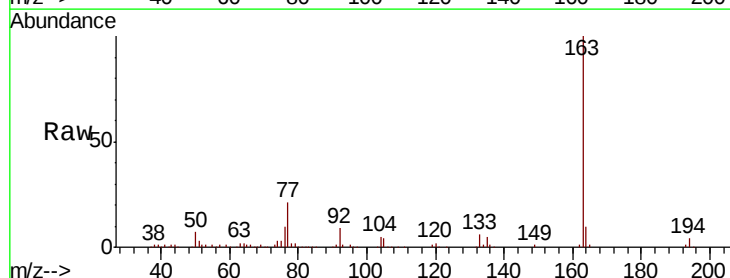
Manual Integrations  
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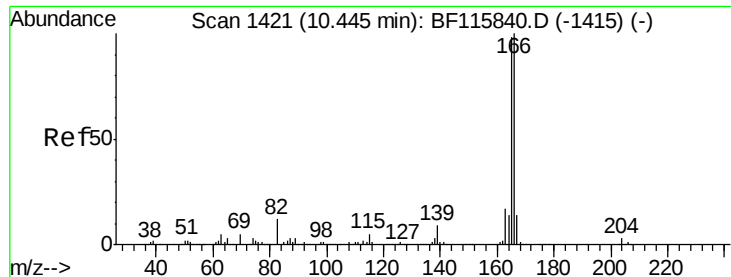
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#50  
Dimethylphthalate  
Concen: 7.373 ng  
RT: 9.60 min Scan# 1278  
Delta R.T. -0.01 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.0   | 4.6   |
| 164     | 9.9   | 8.4   | 12.6  |





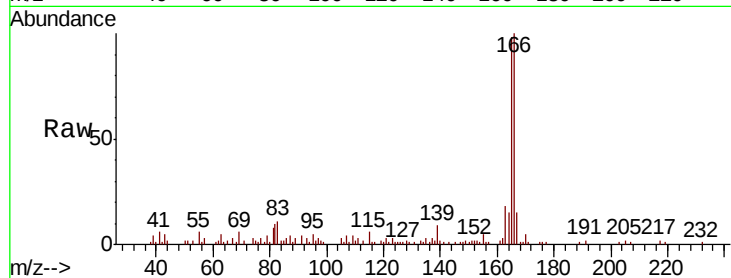
#58  
 Fluorene  
 Concen: 2.344 ng  
 RT: 10.44 min Scan# 1420  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.8  | 78.6  | 118.0 |
| 167     | 15.2  | 10.9  | 16.3  |

Manual Integrations  
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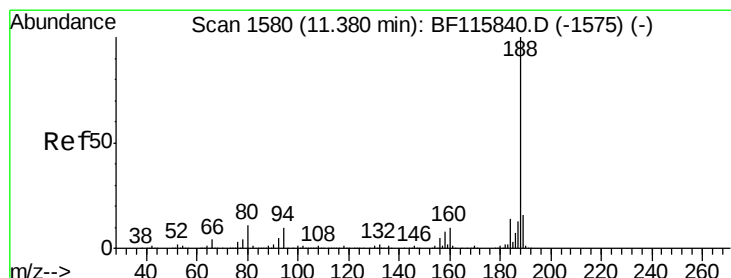
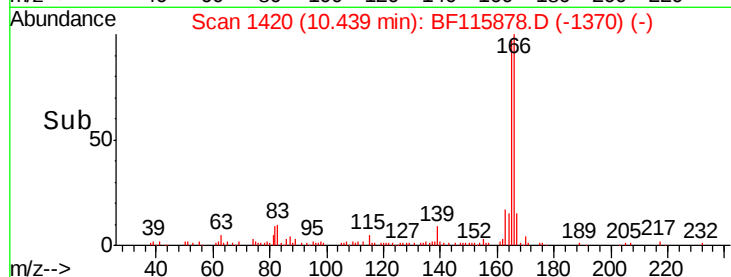
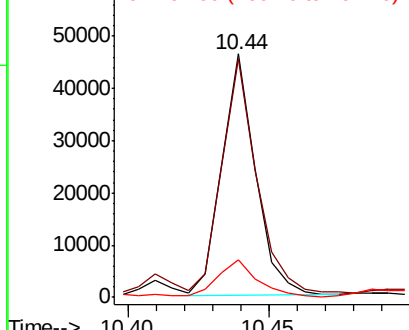


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.38 min Scan# 1580  
 Delta R.T. 0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

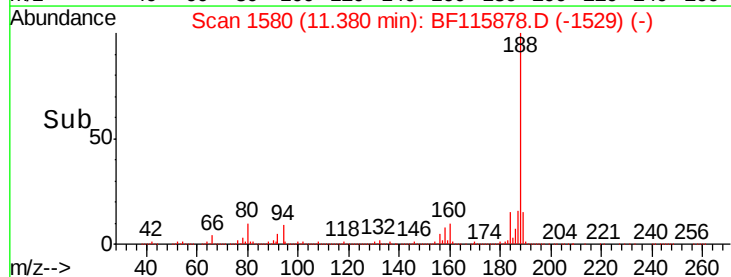
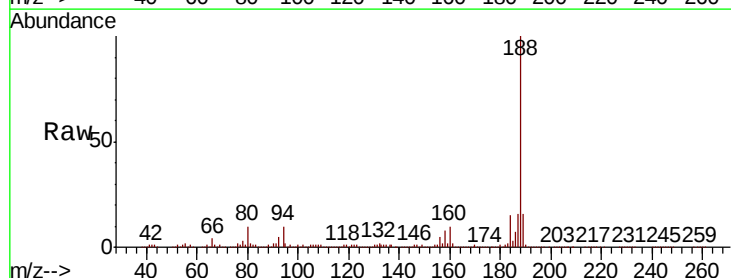
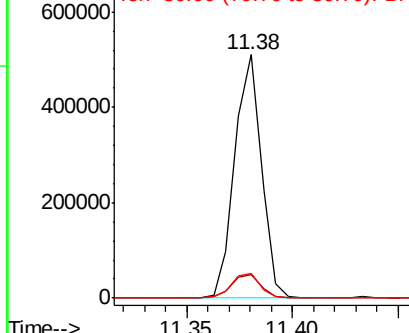
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 8.0   | 12.0  |
| 80      | 10.2  | 8.6   | 12.8  |

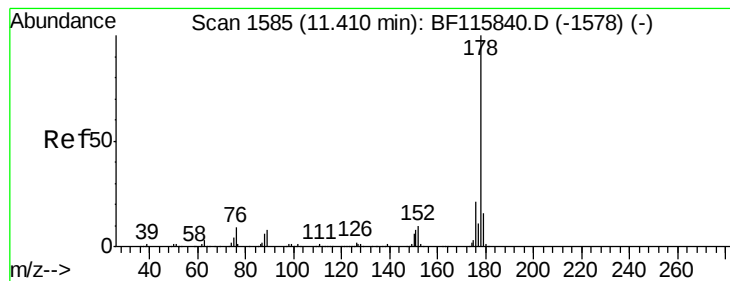
Abundance

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: 35.548 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA\_F

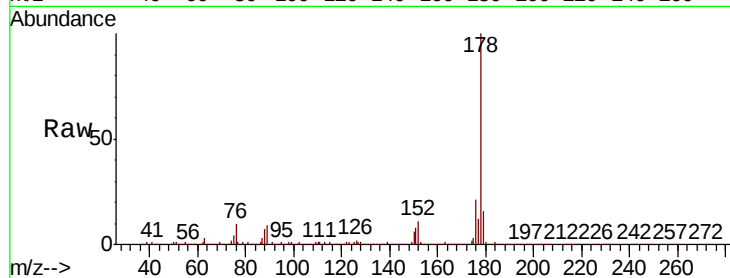
ClientSampled :

SP-2

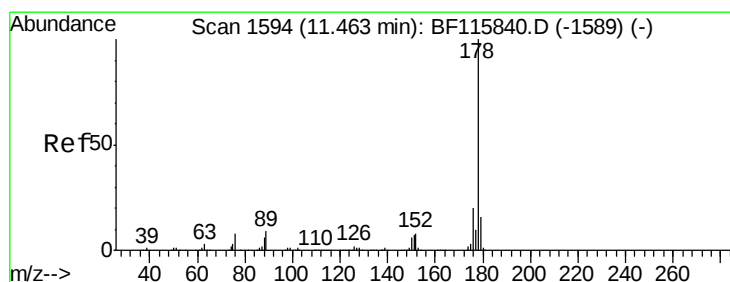
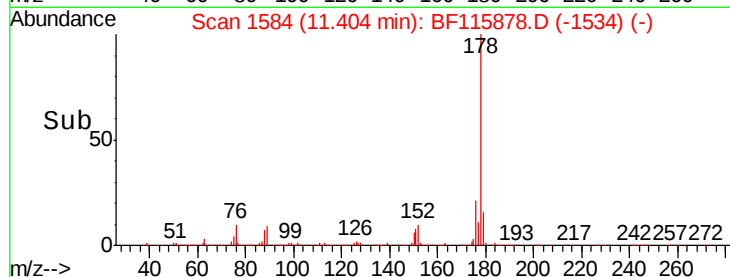
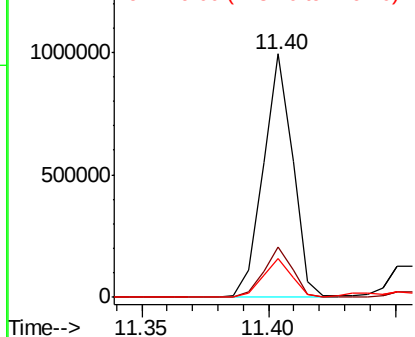
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 178   | Resp: | 806650 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.6  | 16.5  | 24.7   |
| 179       | 16.0  | 12.6  | 18.8   |

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8/1/2019 5:06:56 PM



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: 5.112 ng

RT: 11.46 min Scan# 1593

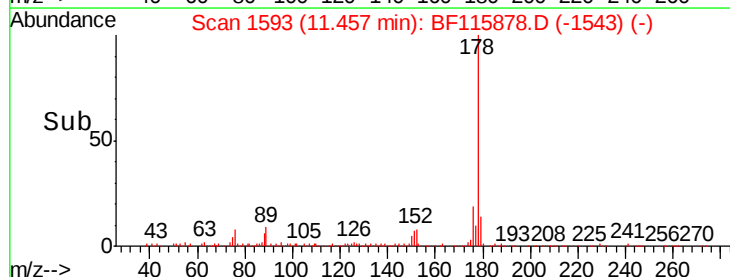
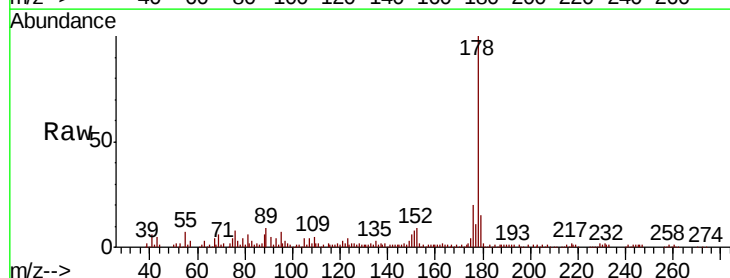
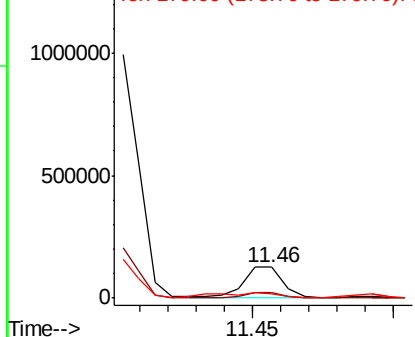
Delta R.T. -0.01 min

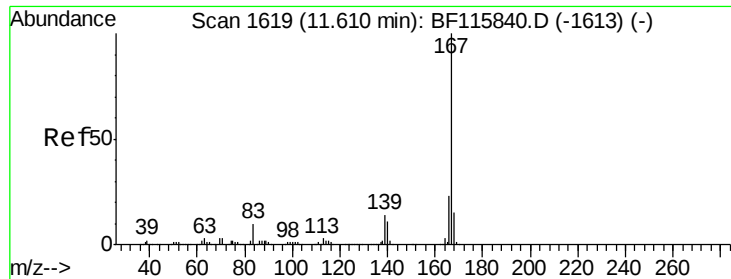
Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 117389 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.8  | 15.7  | 23.5   |
| 179       | 15.3  | 12.4  | 18.6   |

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





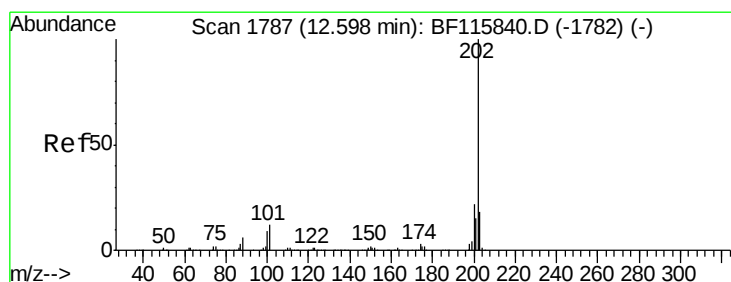
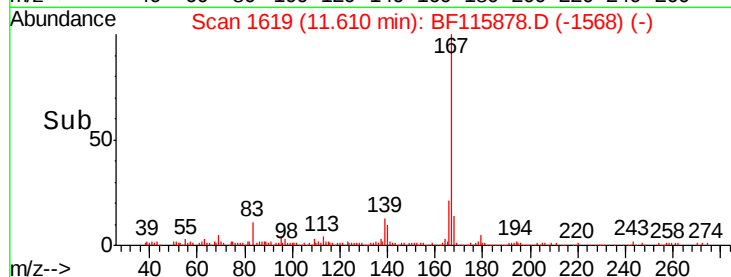
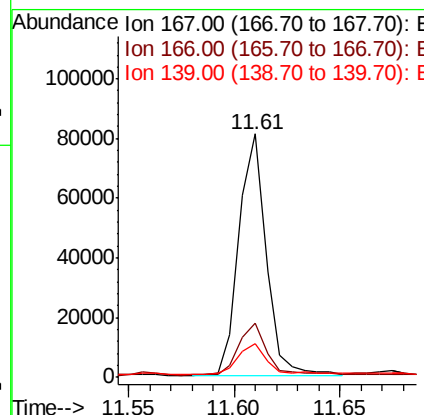
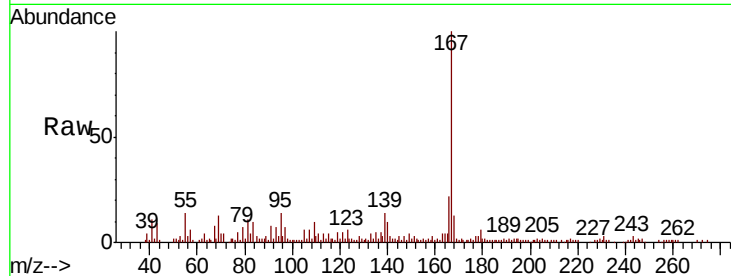
#73  
 Carbazole  
 Concen: 3.458 ng  
 RT: 11.61 min Scan# 1619  
 Delta R.T. 0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampled :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 18.0  | 27.0  |
| 139     | 14.0  | 11.4  | 17.2  |

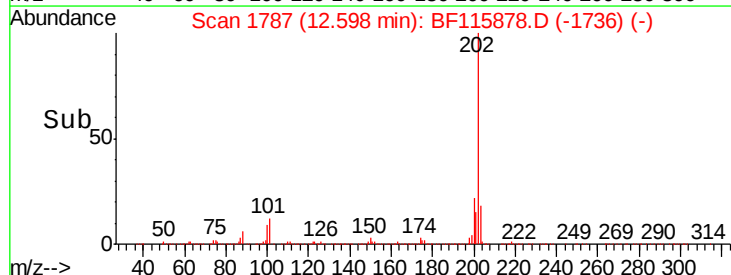
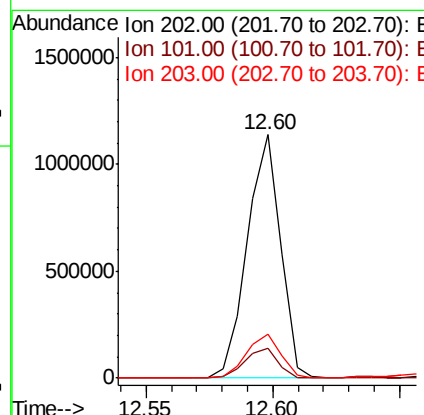
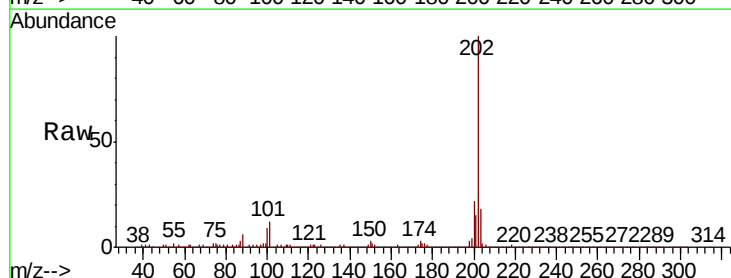
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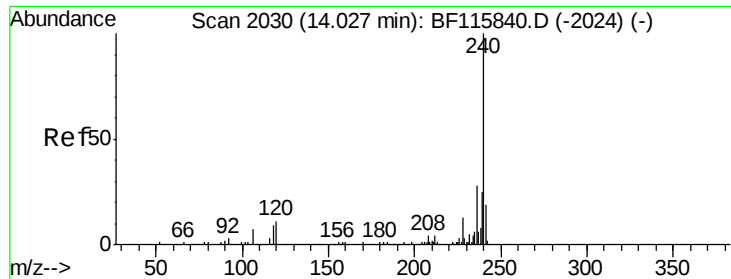
mohammad  
 8/1/2019 5:06:56 PM



#75  
 Fluoranthene  
 Concen: 43.662 ng  
 RT: 12.60 min Scan# 1787  
 Delta R.T. -0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.1  | 0.0   | 31.5  |
| 203     | 18.1  | 0.0   | 37.9  |





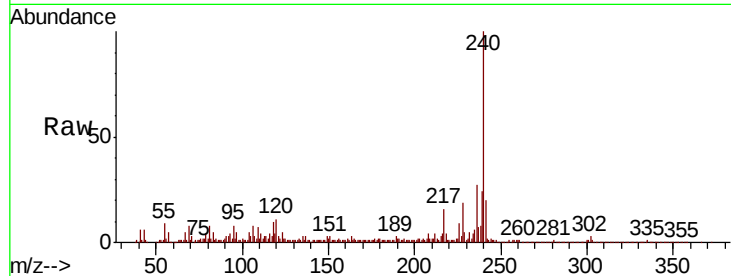
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.03 min Scan# 2030  
Delta R.T. -0.00 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

Instrument :  
BNA\_F  
ClientSampleId :  
SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 8.5   | 12.7  |
| 236     | 27.4  | 22.2  | 33.2  |

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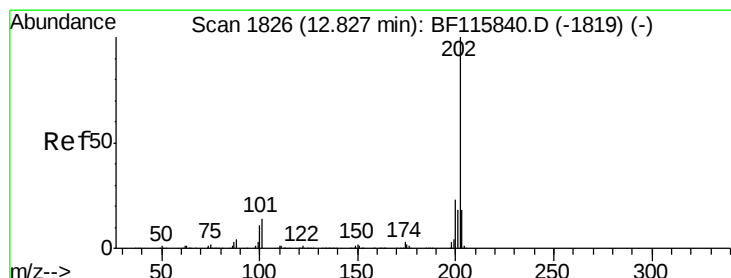
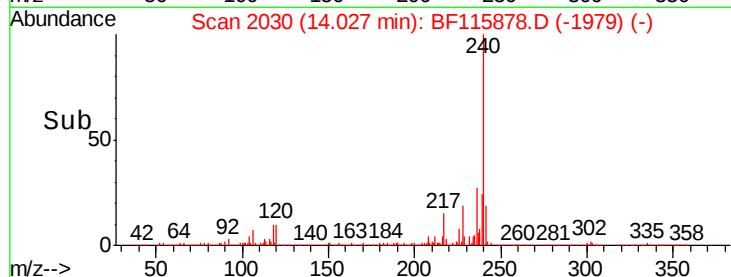
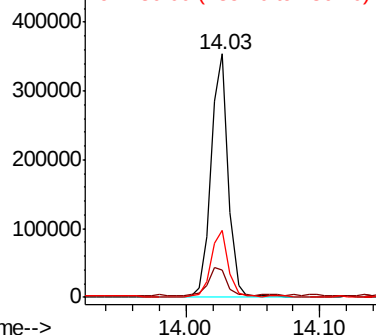


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78  
Pyrene  
Concen: 40.481 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

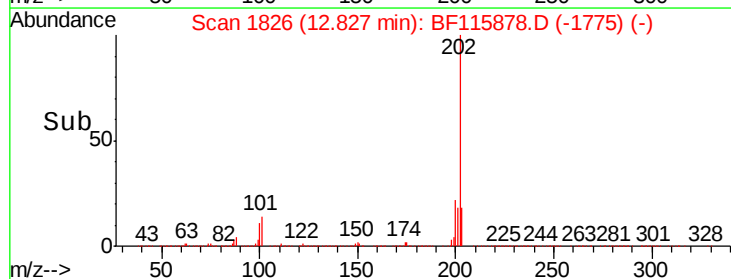
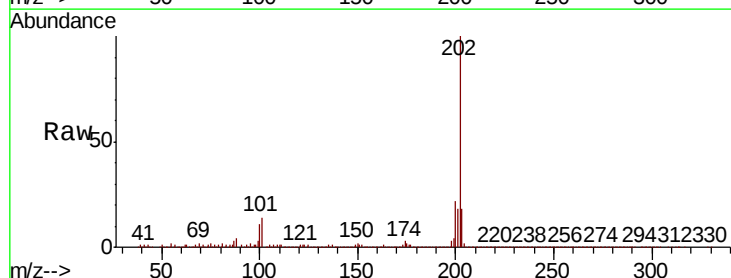
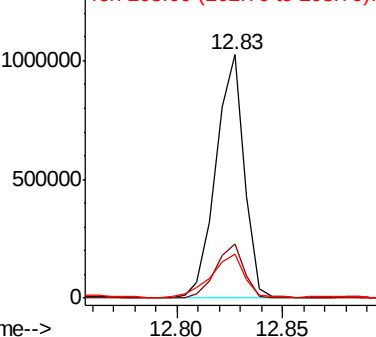
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.5  | 18.2  | 27.2  |
| 203     | 18.3  | 14.3  | 21.5  |

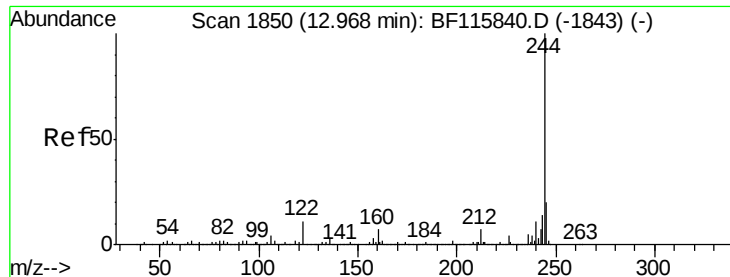
Abundance

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





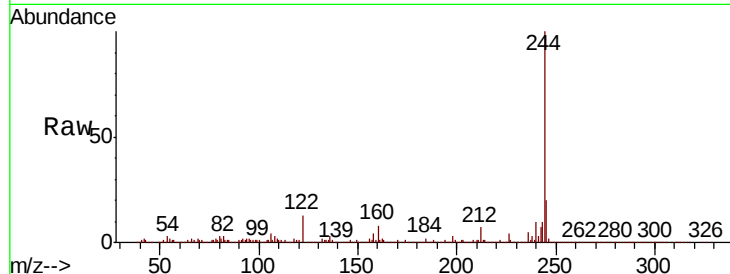
#79  
 Terphenyl-d14  
 Concen: 60.832 ng  
 RT: 12.96 min Scan# 1849  
 Delta R.T. -0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampled :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.6   | 8.4   |
| 122     | 12.7  | 8.6   | 13.0  |

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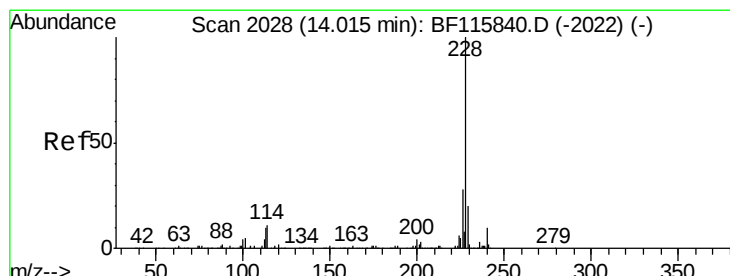
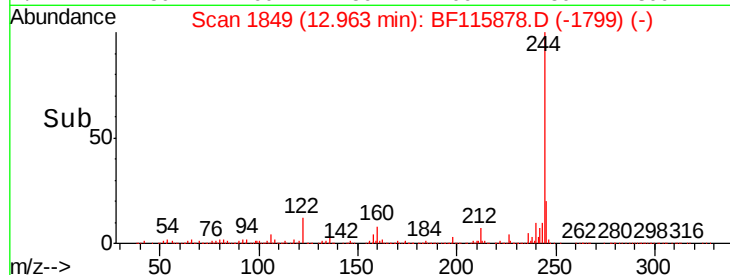
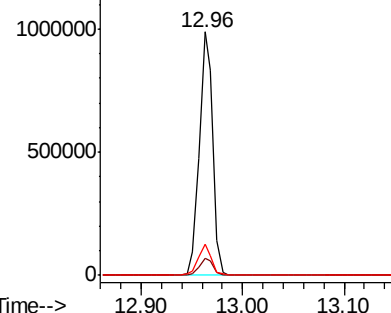


Abundance

Ion 244.00 (243.70 to 244.70): E

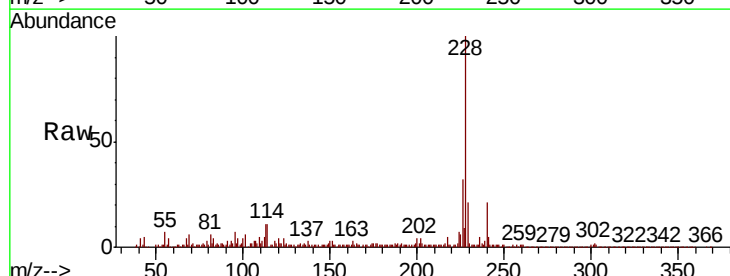
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81  
 Benzo(a)anthracene  
 Concen: 21.043 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.1  | 22.5  | 33.7  |
| 229     | 21.2  | 16.1  | 24.1  |

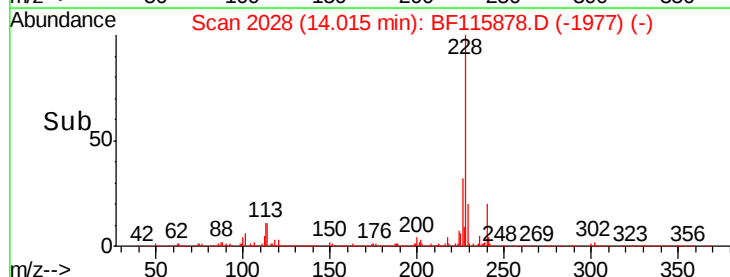
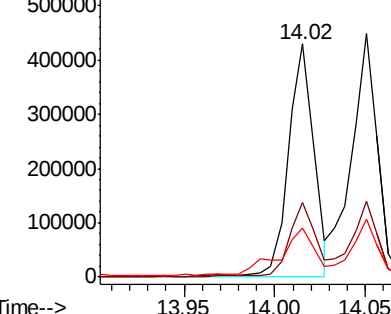


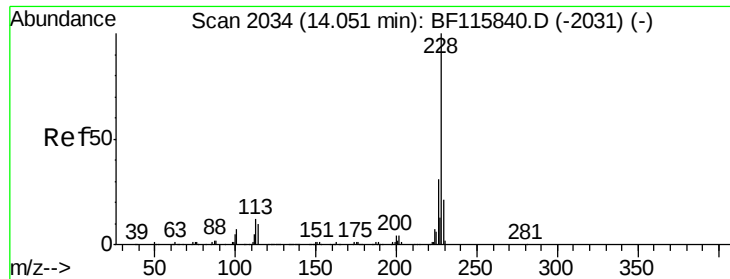
Abundance

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





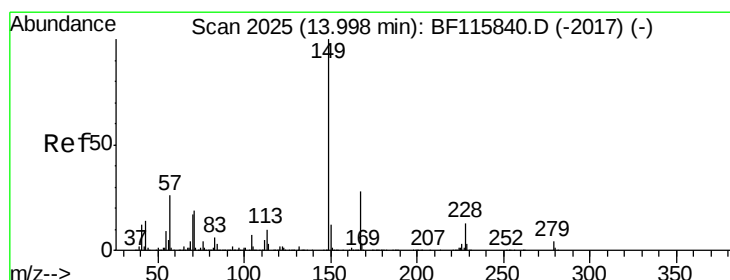
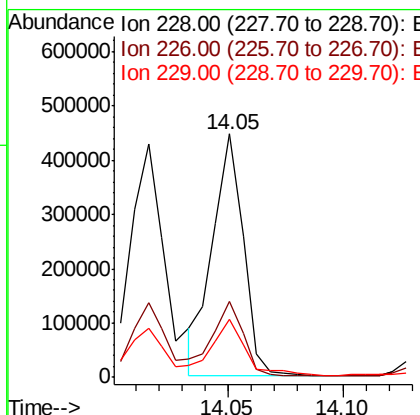
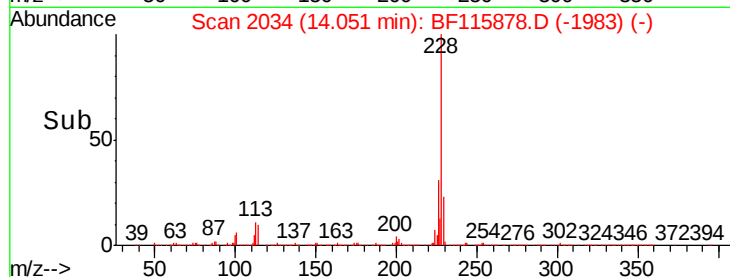
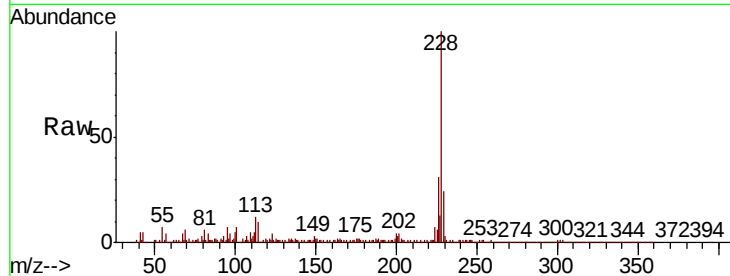
#83  
 Chrysene  
 Concen: 21.256 ng  
 RT: 14.05 min Scan# 2034  
 Delta R.T. 0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 24.8  | 37.2  |
| 229     | 23.6  | 16.4  | 24.6  |

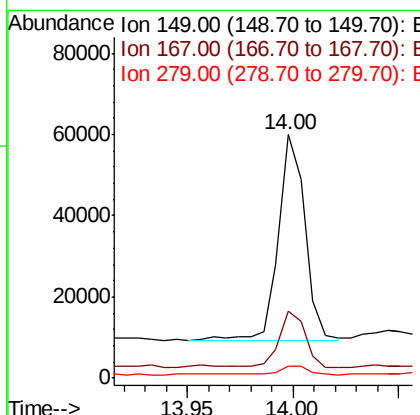
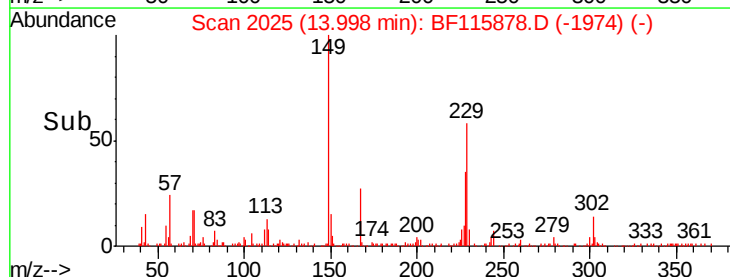
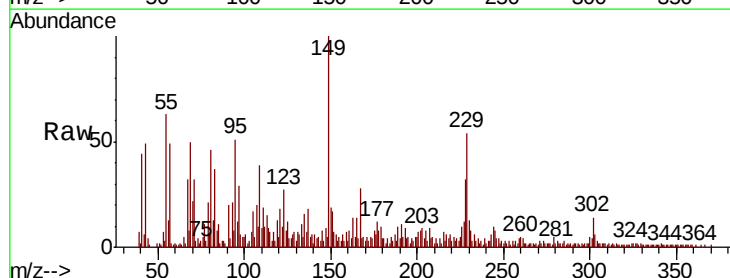
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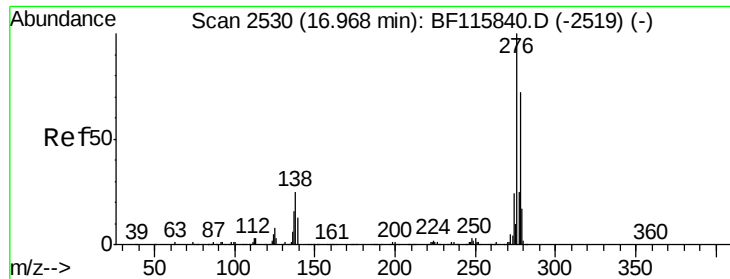
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.467 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 22.4  | 33.6  |
| 279     | 4.7   | 3.3   | 4.9   |





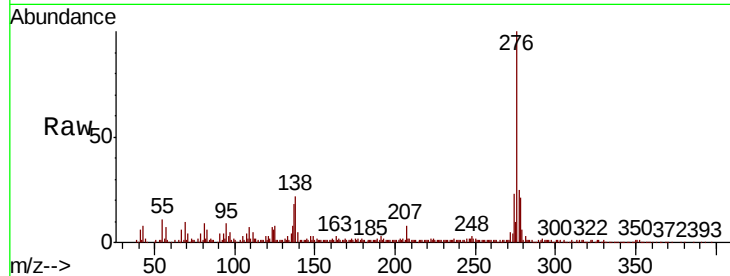
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 13.131 ng  
 RT: 16.97 min Scan# 2531  
 Delta R.T. 0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.0  | 19.6  | 29.4  |
| 277     | 24.2  | 20.1  | 30.1  |

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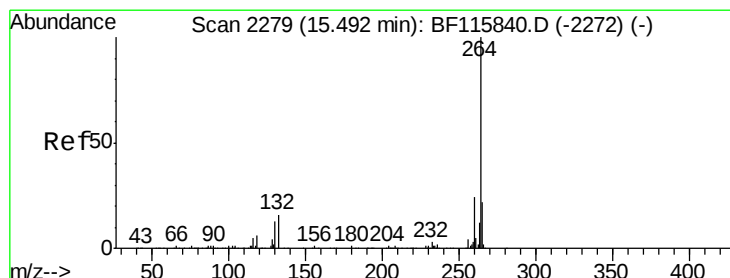
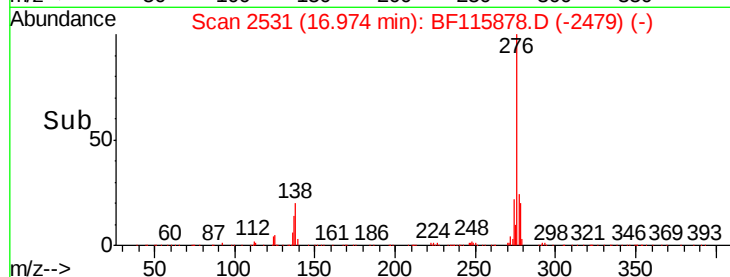
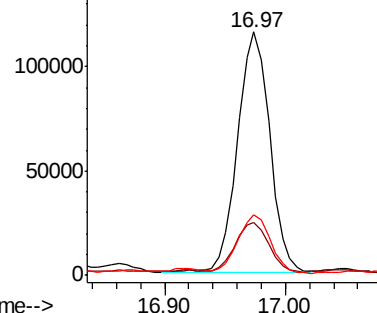


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.50 min Scan# 2280  
 Delta R.T. 0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

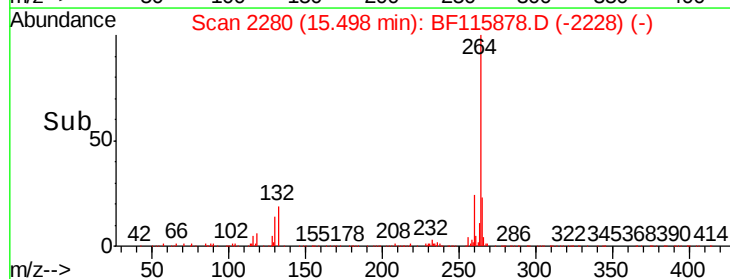
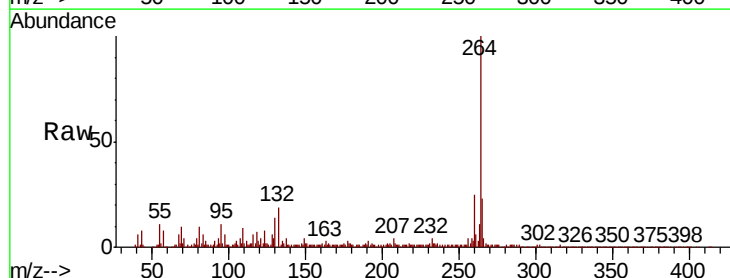
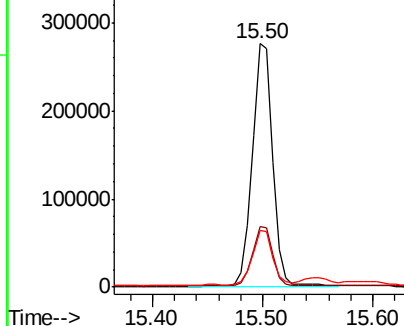
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.8  | 19.4  | 29.2  |
| 265     | 23.1  | 17.5  | 26.3  |

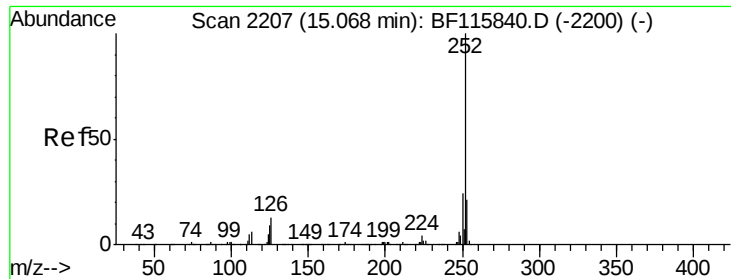
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 25.366 ng m

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA\_F

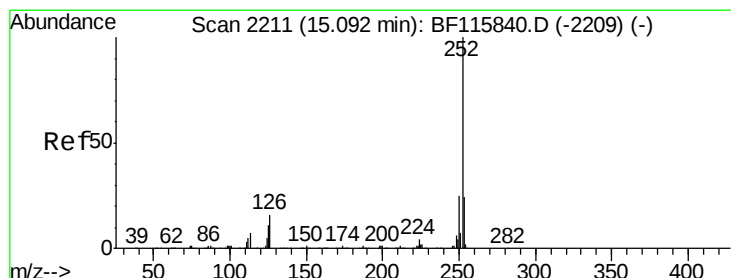
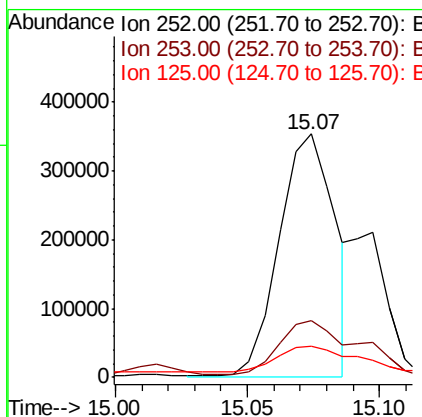
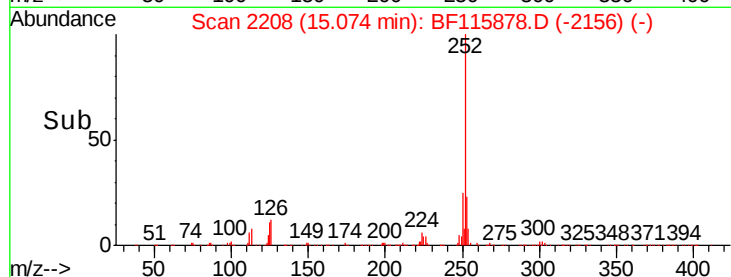
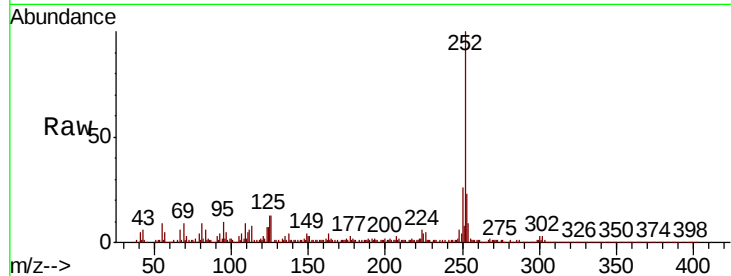
ClientSampled :

SP-2

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 525886 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 17.2  | 25.8   |
| 125       | 13.0  | 7.4   | 11.0#  |

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#89

Benzo(k)fluoranthene

Concen: 9.767 ng m

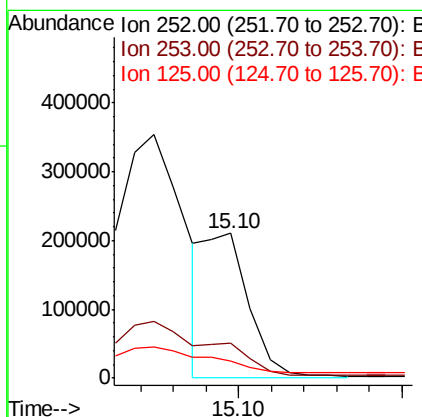
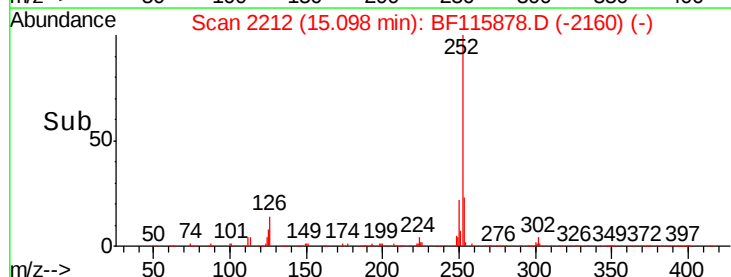
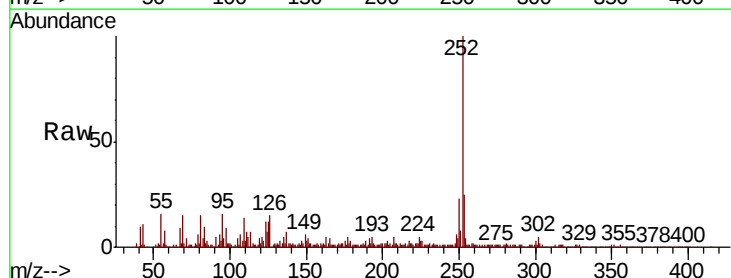
RT: 15.10 min Scan# 2212

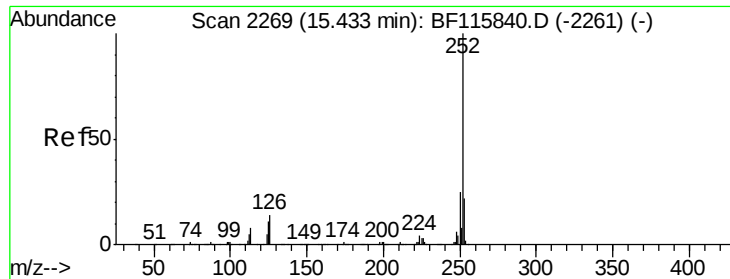
Delta R.T. 0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 197230 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.6  | 18.2  | 27.4   |
| 125       | 12.0  | 8.9   | 13.3   |





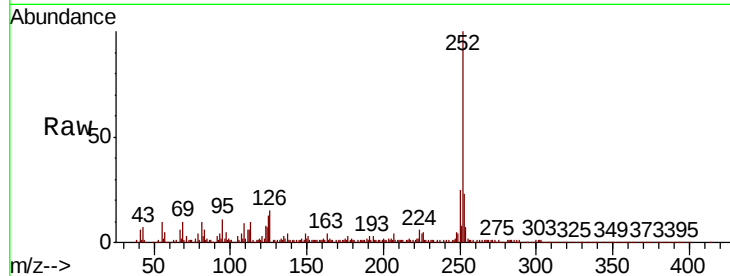
#90  
Benzo(a)pyrene  
Concen: 20.140 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. 0.01 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

Instrument :  
BNA\_F  
ClientSampleId :  
SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 17.8  | 26.6  |
| 125     | 12.9  | 8.8   | 13.2  |

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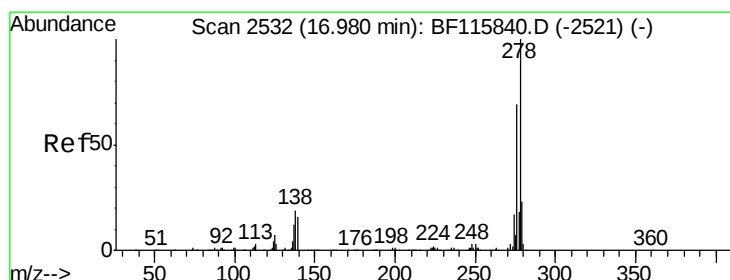
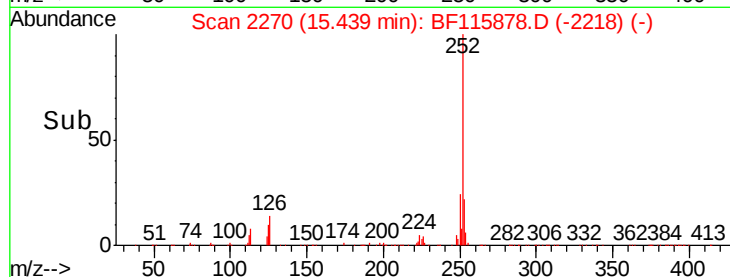
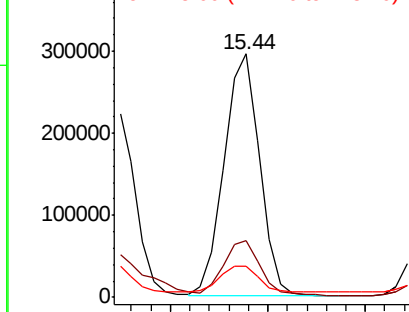


Abundance

Ion 252.00 (251.70 to 252.70): E

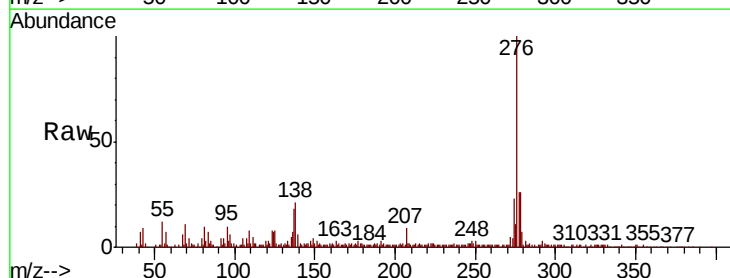
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91  
Dibenzo(a,h)anthracene  
Concen: 3.235 ng  
RT: 16.98 min Scan# 2532  
Delta R.T. -0.00 min  
Lab File: BF115878.D  
Acq: 31 Jul 2019 20:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.6  | 12.6  | 19.0# |
| 279     | 28.5  | 18.8  | 28.2# |

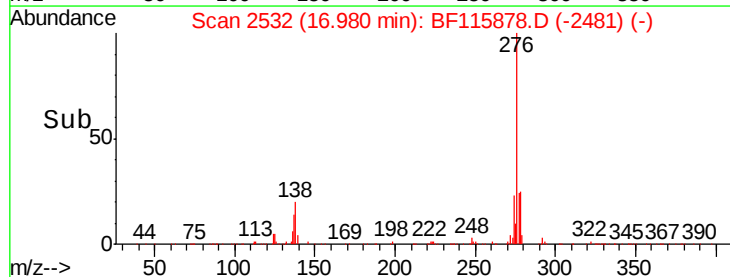
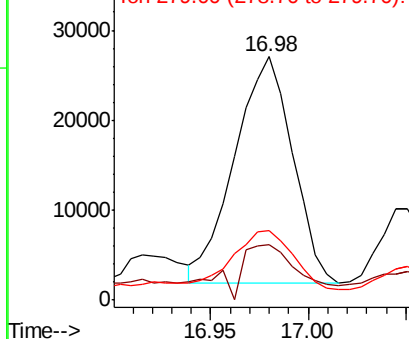


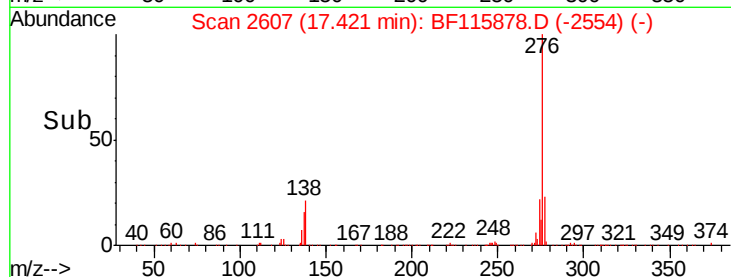
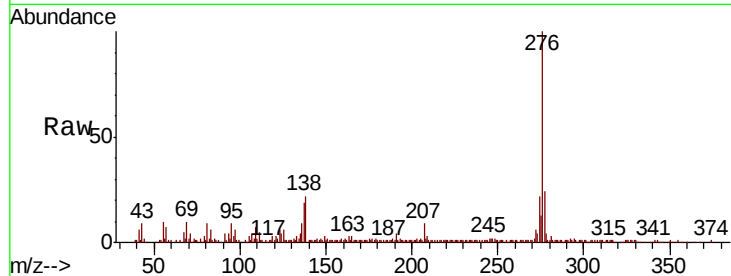
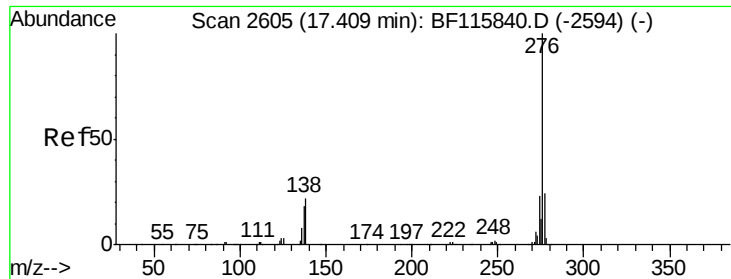
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92  
 Benzo(a,h,i)perylene  
 Concen: 12.193 ng  
 RT: 17.42 min Scan# 2607  
 Delta R.T. 0.01 min  
 Lab File: BF115878.D  
 Acq: 31 Jul 2019 20:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.5  | 29.3  |
| 138     | 22.2  | 17.8  | 26.8  |

Manual Integrations  
 APPROVED

mohammad  
 8/1/2019 5:06:56 PM

