

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
 Data File : BF115511.D  
 Acq On : 11 Jul 2019 22:54  
 Operator : HP/JU  
 Sample : K3740-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 12 03:16:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 16:47:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 142421   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 560593   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 264829   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 452460   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 320925   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.54 | 264  | 372313   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 570802 | 61.92 | ng | 0.00  |
| 7) Phenol-d6             | 6.52  | 99  | 776381 | 66.22 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 480130 | 50.60 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.72 | 330 | 153140 | 52.30 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.25  | 172 | 910192 | 60.31 | ng | 0.00  |
| 79) Terphenyl-d14        | 13.00 | 244 | 796507 | 50.82 | ng | -0.01 |

## Target Compounds

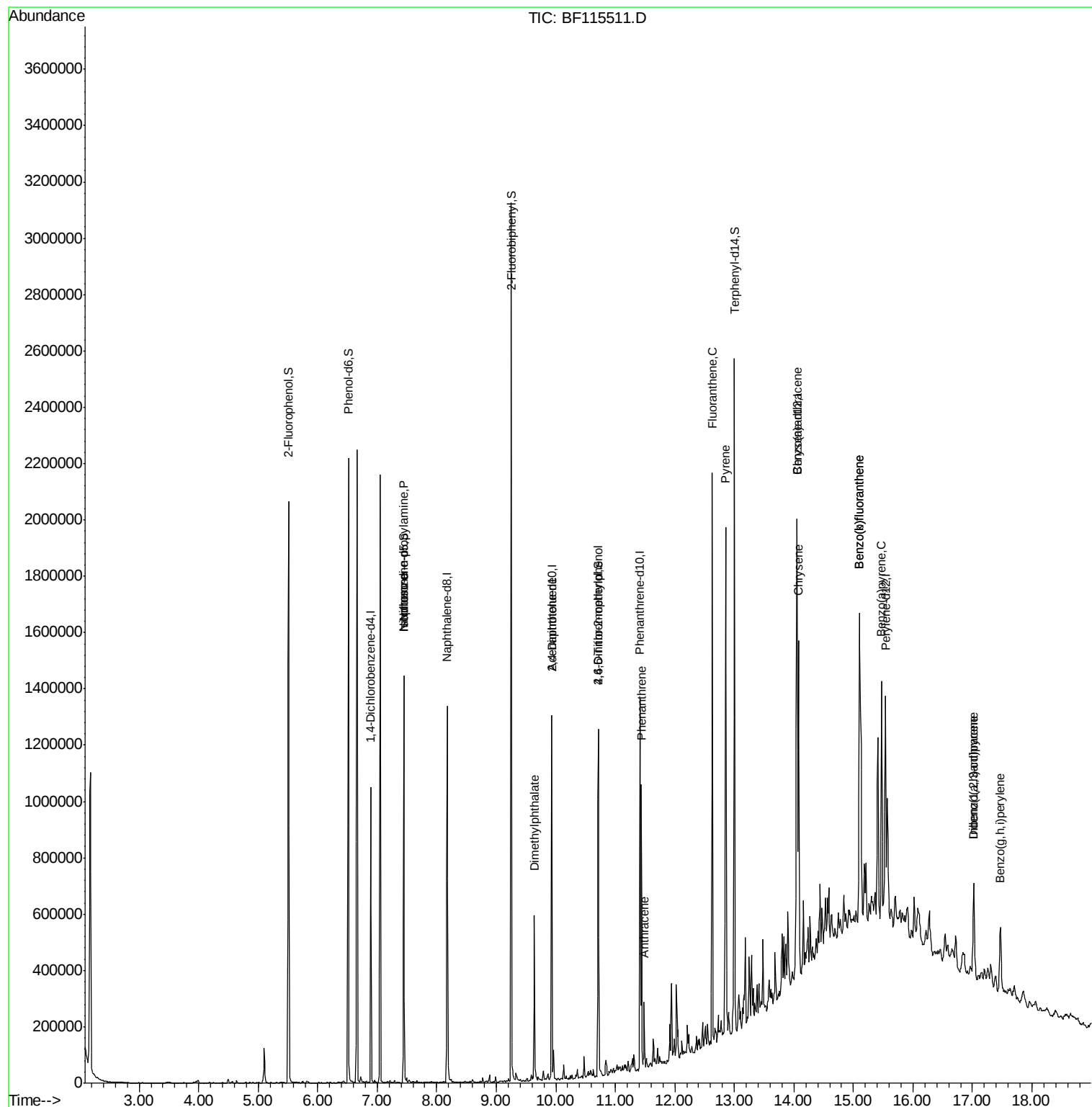
|                                |       |     |        |           |   | Qvalue |
|--------------------------------|-------|-----|--------|-----------|---|--------|
| 9) Benzaldehyde                | 6.44  | 77  | 1315   | Below Cal |   | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.45  | 70  | 62181  | 7.840 ng  | # | 79     |
| 25) Isophorone                 | 7.45  | 82  | 473747 | 23.036 ng | # | 64     |
| 50) Dimethylphthalate          | 9.64  | 163 | 226347 | 11.387 ng |   | 98     |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165 | 35132  | 6.413 ng  | # | 24     |
| 65) 4,6-Dinitro-2-methylphenol | 10.72 | 198 | 224    | 7.904 ng  | # | 1      |
| 71) Phenanthrene               | 11.44 | 178 | 356697 | 14.990 ng |   | 98     |
| 72) Anthracene                 | 11.49 | 178 | 89534  | 3.752 ng  |   | 98     |
| 75) Fluoranthene               | 12.63 | 202 | 817921 | 32.645 ng |   | 99     |
| 78) Pyrene                     | 12.86 | 202 | 742193 | 29.739 ng |   | 100    |
| 81) Benzo(a)anthracene         | 14.04 | 228 | 523621 | 25.464 ng |   | 100    |
| 83) Chrysene                   | 14.08 | 228 | 453568 | 21.468 ng |   | 97     |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276 | 222755 | 8.032 ng  |   | 94     |
| 88) Benzo(b)fluoranthene       | 15.10 | 252 | 877160 | 36.185 ng |   | 96     |
| 89) Benzo(k)fluoranthene       | 15.10 | 252 | 877160 | 40.688 ng |   | 97     |
| 90) Benzo(a)pyrene             | 15.47 | 252 | 429138 | 20.525 ng |   | 99     |
| 91) Dibenzo(a,h)anthracene     | 17.03 | 278 | 62771  | 3.513 ng  | # | 88     |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276 | 195165 | 11.541 ng |   | 98     |

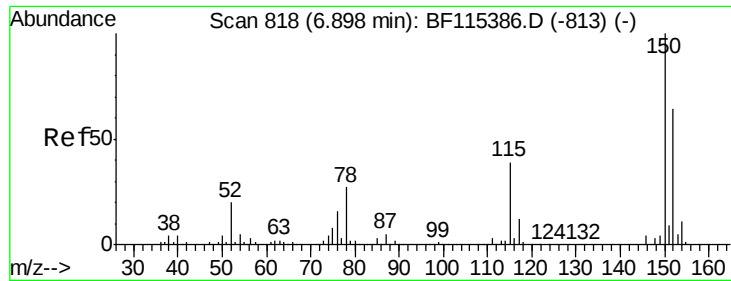
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
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Sample : K3740-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jul 12 03:16:49 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
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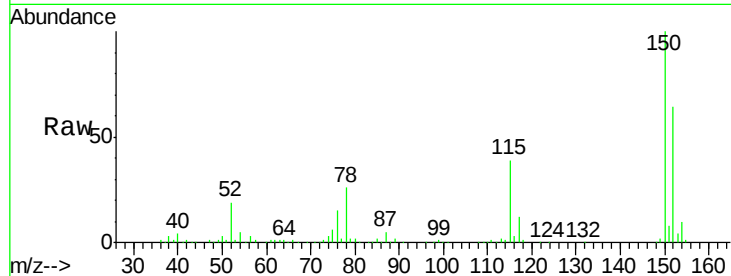


#1

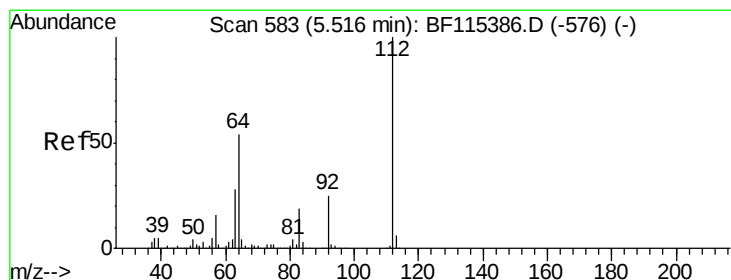
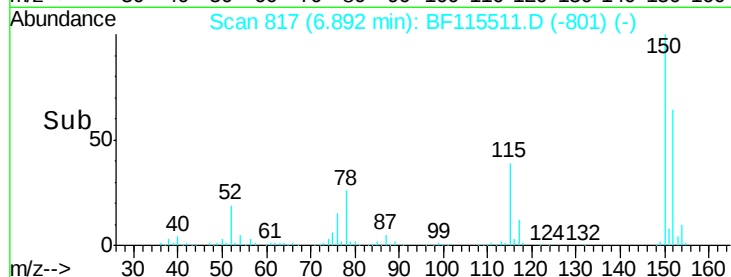
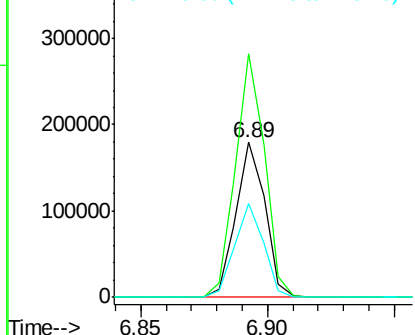
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 142421  
Ion Ratio Lower Upper  
152 100  
150 156.9 127.4 191.2  
115 60.7 46.2 69.4



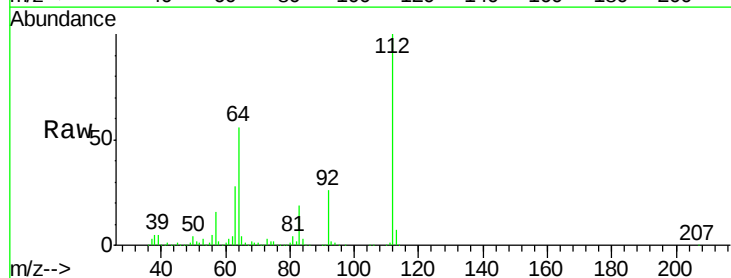
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



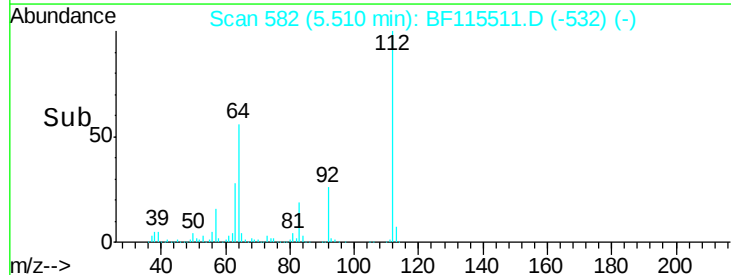
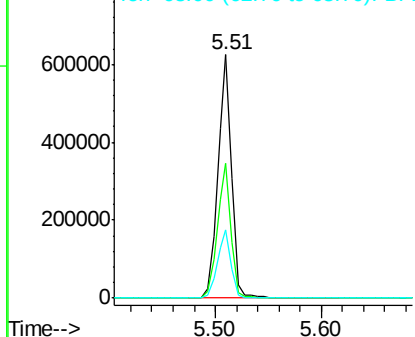
#5

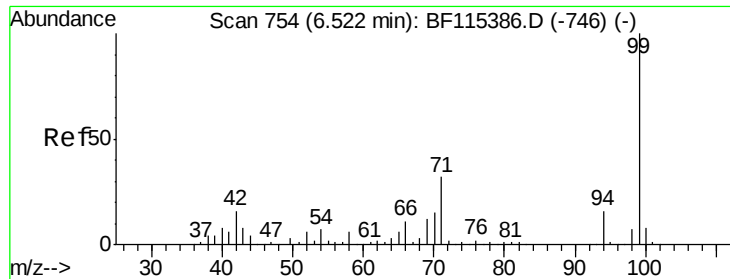
2-Fluorophenol  
Concen: 61.922 ng  
RT: 5.51 min Scan# 582  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Tgt Ion:112 Resp: 570802  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.2 66.2  
63 27.8 22.1 33.1



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: 66.225 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampleId :

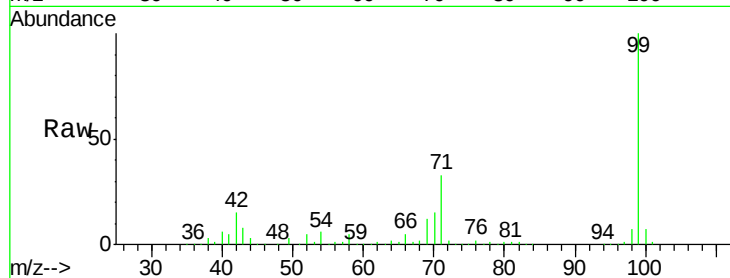
Tot Ion: 99 Resp: 776381

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

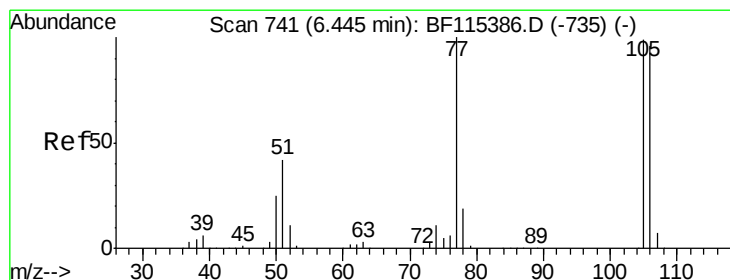
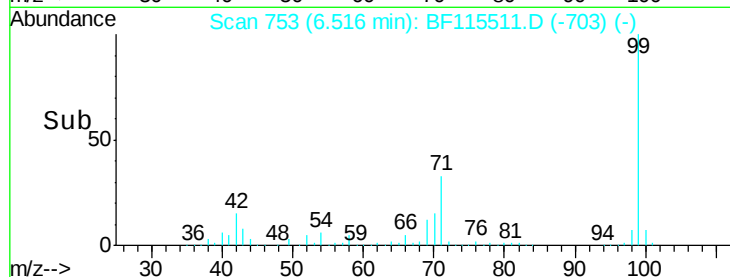
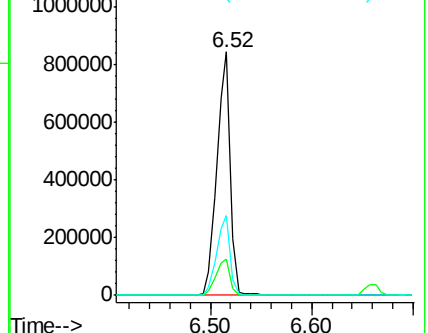
71 32.6 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: Below Cal

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

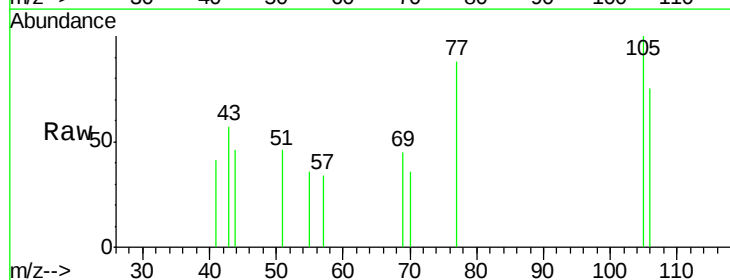
Tgt Ion: 77 Resp: 1315

Ion Ratio Lower Upper

77 100

105 113.5 82.9 122.9

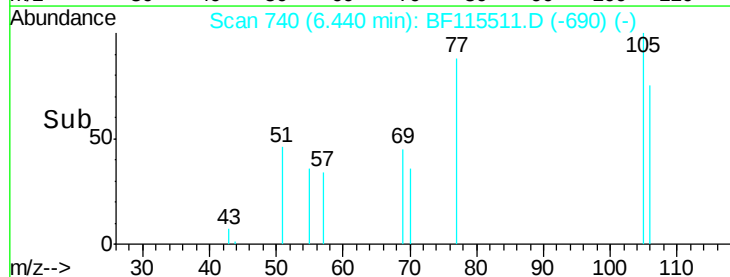
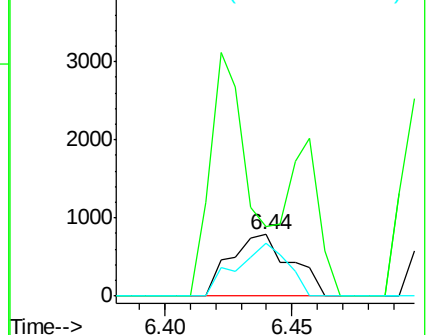
106 85.6 77.8 117.8

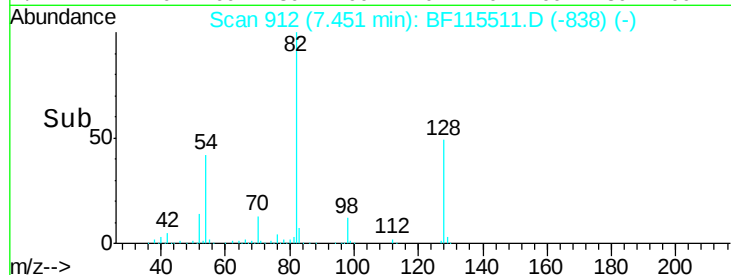
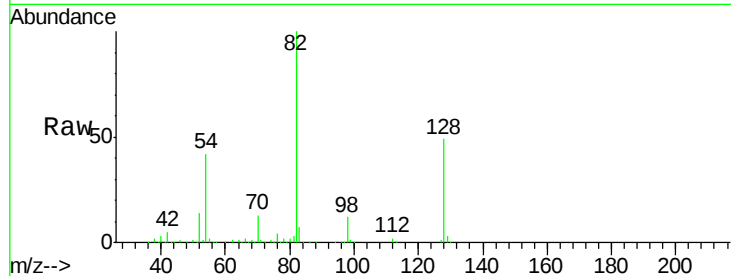
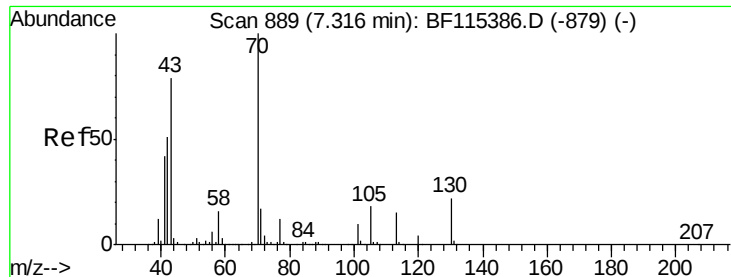


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

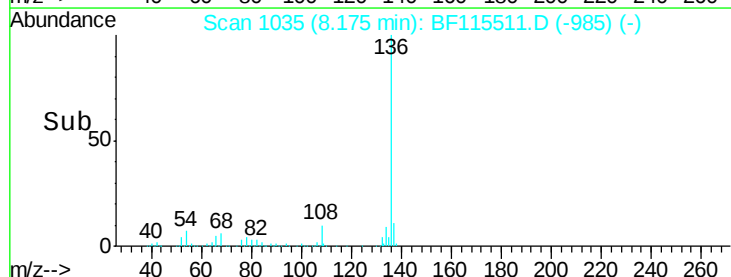
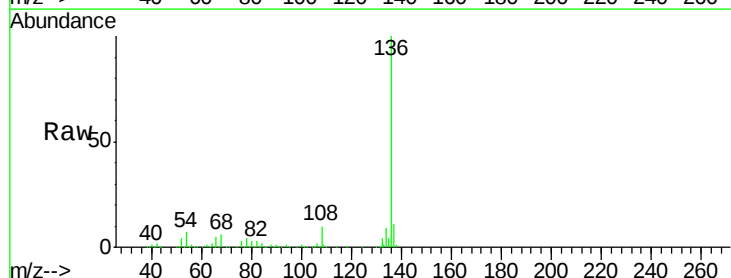
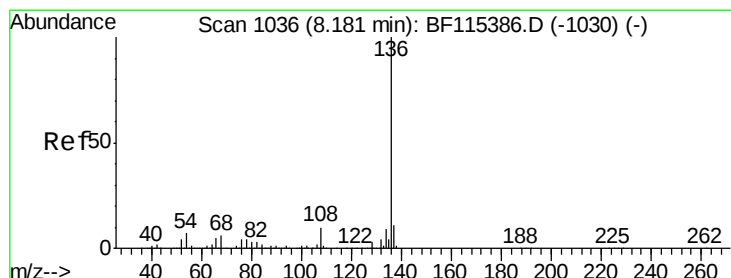
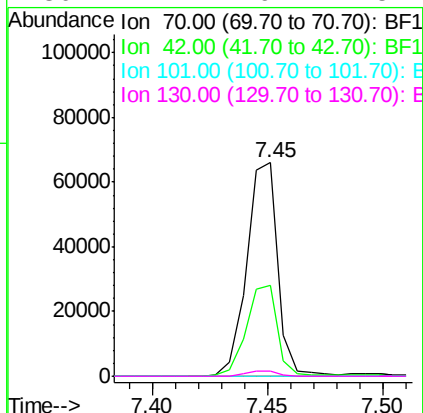




#19  
n-Nitroso-di-n-propylamine  
Concen: 7.840 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.14 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

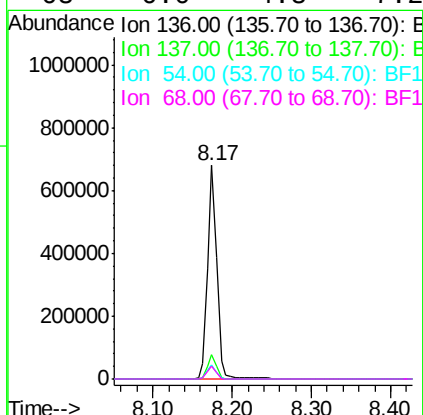
Instrument :  
BNA\_F  
ClientSampleId :

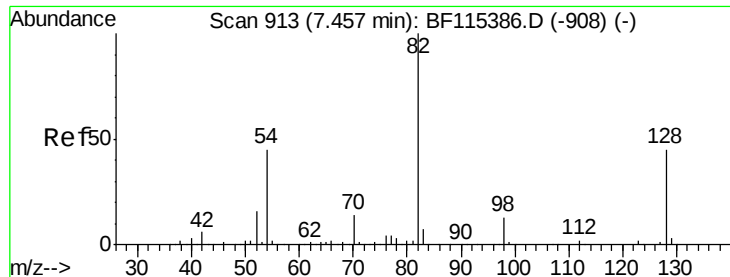
Tot Ion: 70 Resp: 62181  
Ion Ratio Lower Upper  
70 100  
42 42.3 38.5 57.7  
101 0.0 8.0 12.0#  
130 2.2 19.1 28.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Tgt Ion: 136 Resp: 560593  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 6.7 5.4 8.0  
68 6.0 4.8 7.2

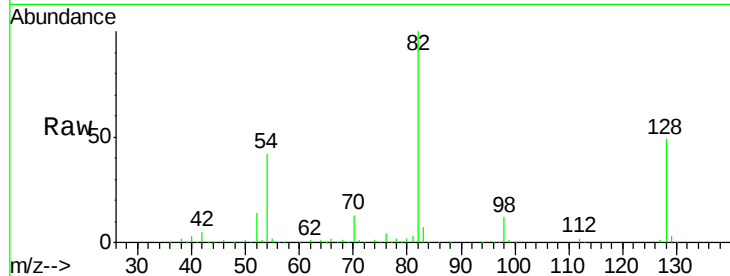




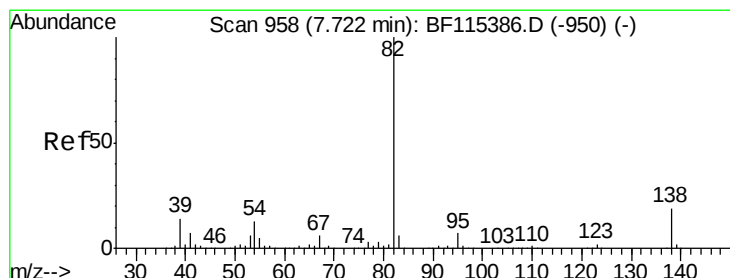
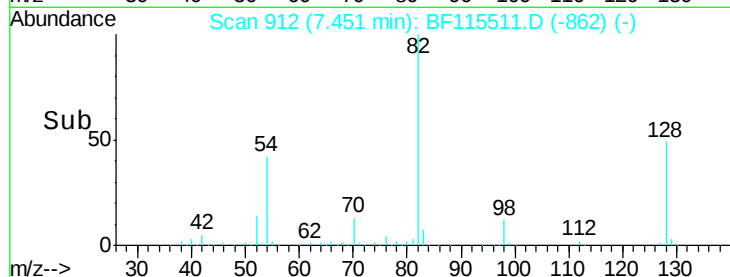
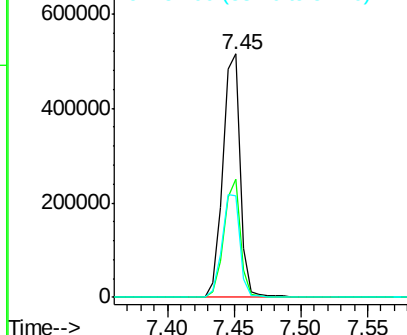
#23  
Nitrobenzene-d5  
Concen: 50.603 ng  
RT: 7.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 480130  
Ion Ratio Lower Upper  
82 100  
128 48.7 36.7 55.1  
54 41.6 35.6 53.4

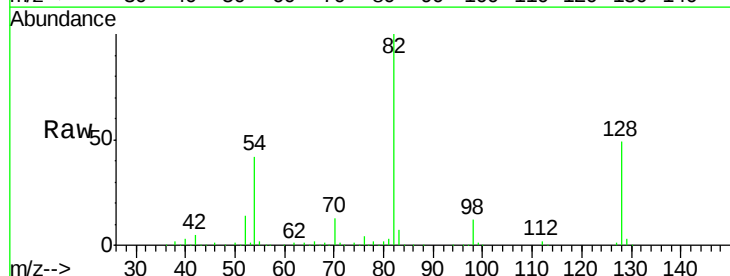


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

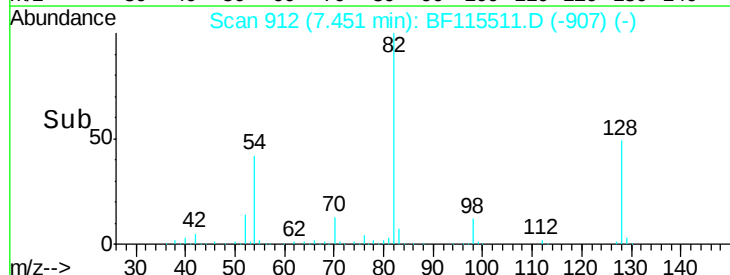
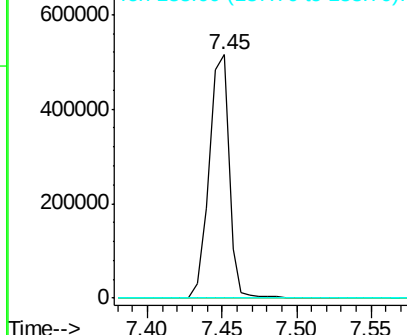


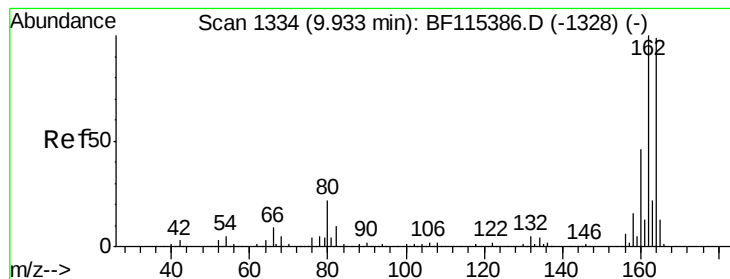
#25  
Isophorone  
Concen: 23.036 ng  
RT: 7.45 min Scan# 912  
Delta R.T. -0.27 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Tgt Ion: 82 Resp: 473747  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.2#  
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampleId :

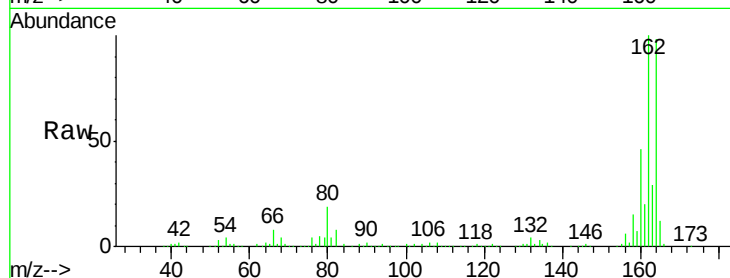
Tot Ion:164 Resp: 264829

Ion Ratio Lower Upper

164 100

162 102.5 82.3 123.5

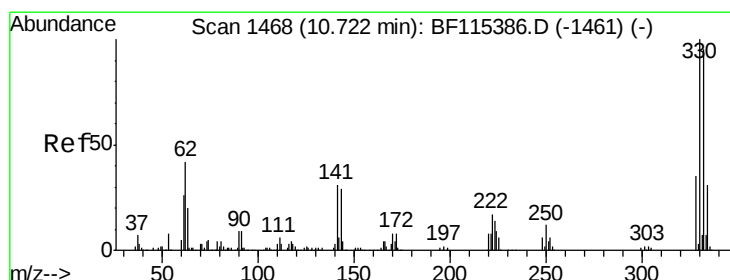
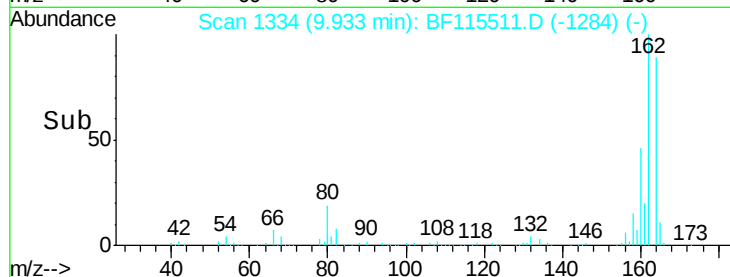
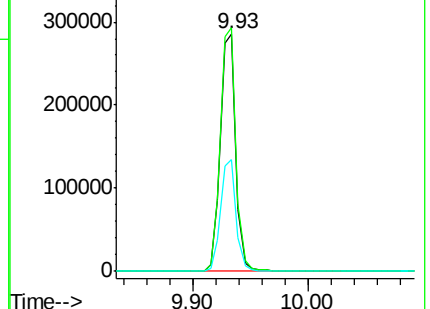
160 47.0 37.2 55.8



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: 52.300 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

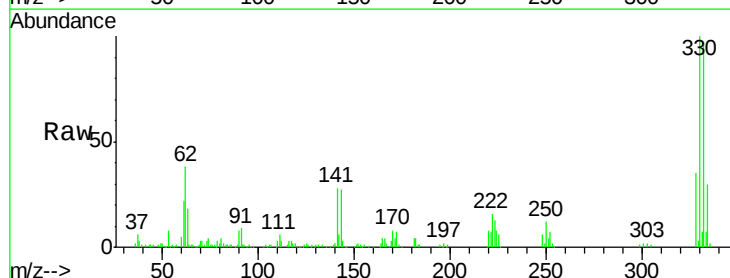
Tgt Ion:330 Resp: 153140

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

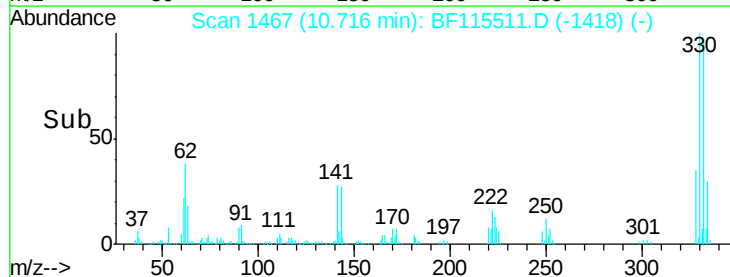
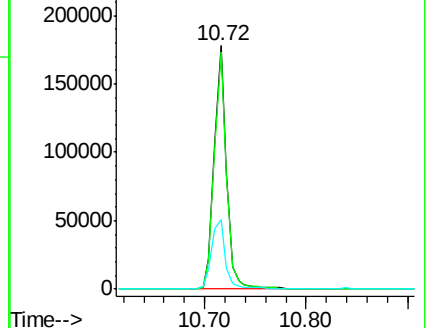
141 32.5 24.7 37.1

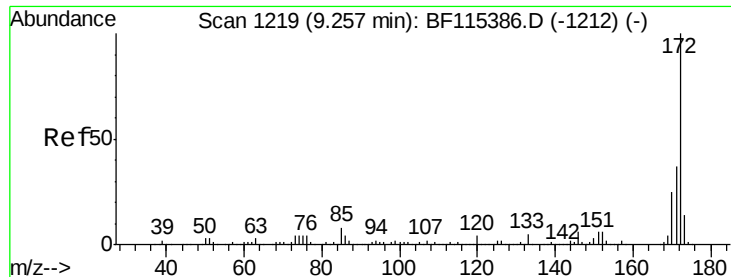


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

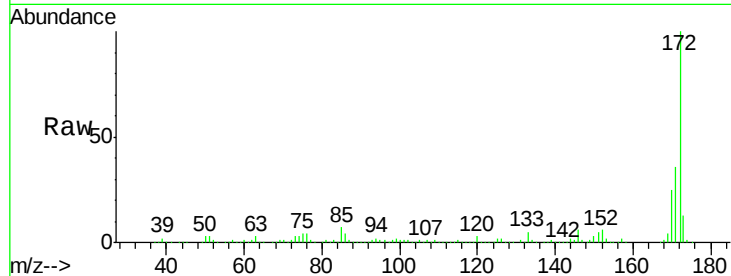




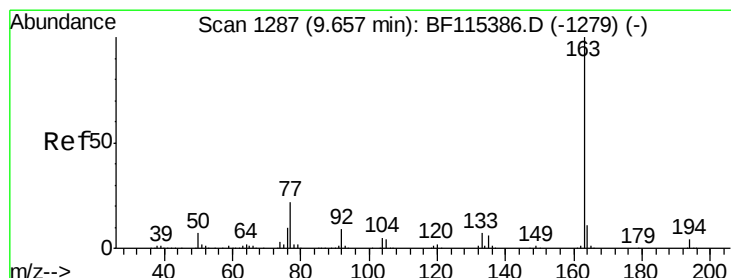
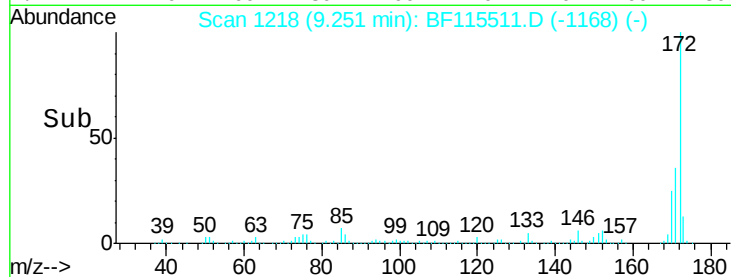
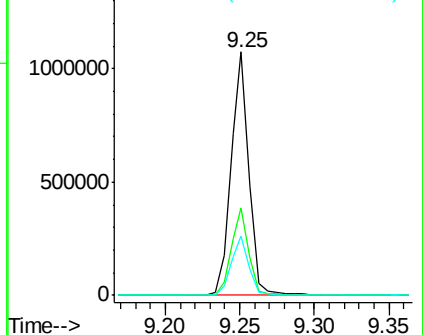
#45  
2-Fluorobiphenyl  
Concen: 60.309 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 910192  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.8 44.8  
170 24.6 20.0 30.0

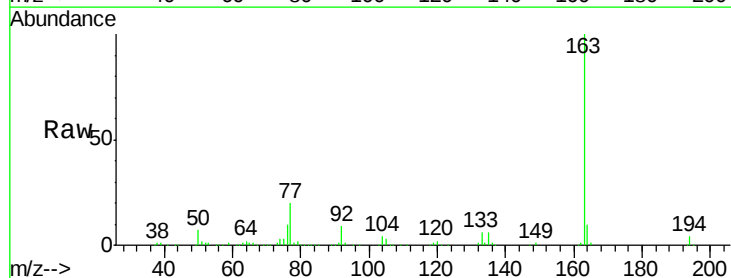


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

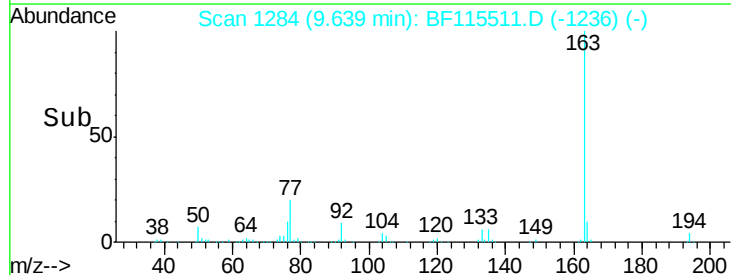
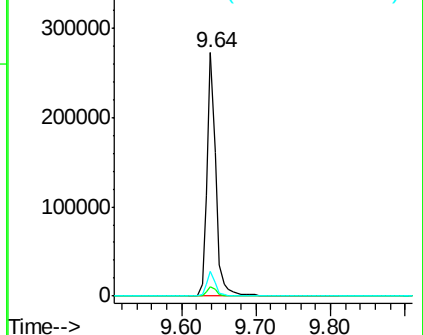


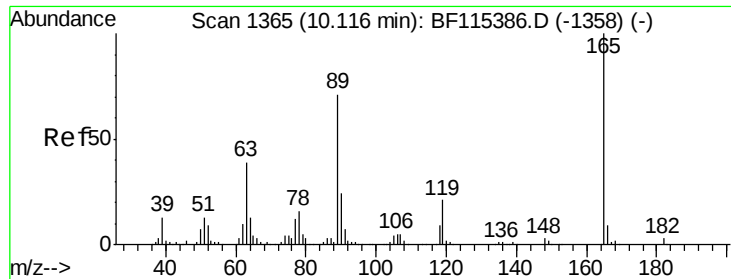
#50  
Dimethylphthalate  
Concen: 11.387 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. -0.02 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Tgt Ion:163 Resp: 226347  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.1 4.7  
164 10.0 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

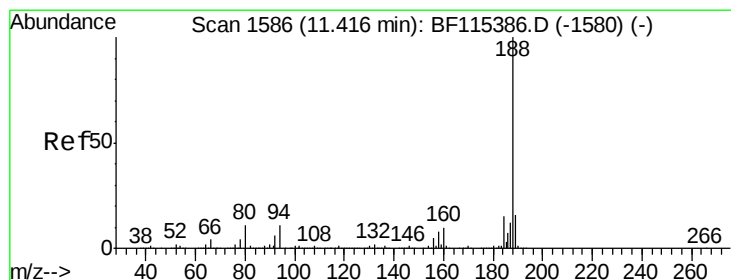
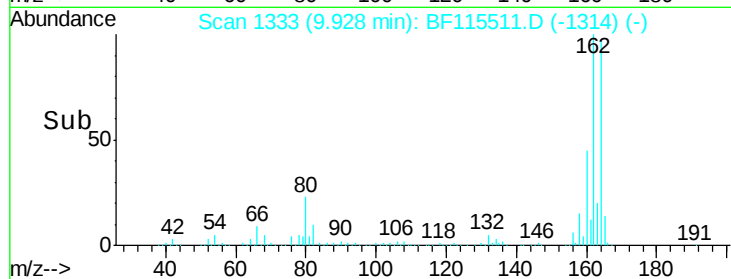
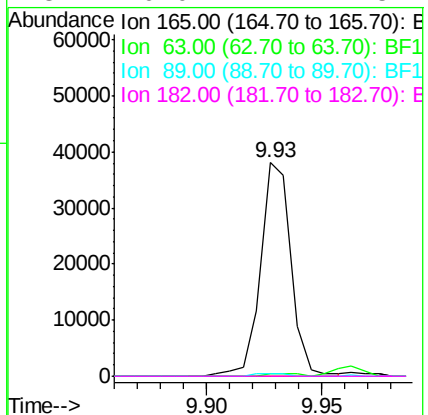
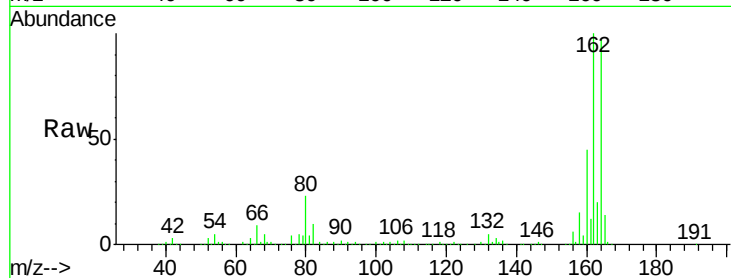




#57  
 2,4-Dinitrotoluene  
 Concen: 6.413 ng  
 RT: 9.93 min Scan# 1333  
 Delta R.T. -0.19 min  
 Lab File: BF115511.D  
 Acq: 11 Jul 2019 22:54

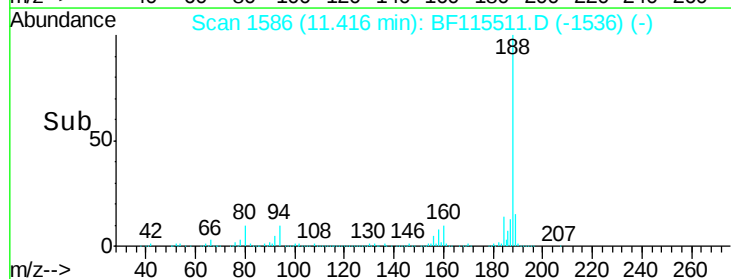
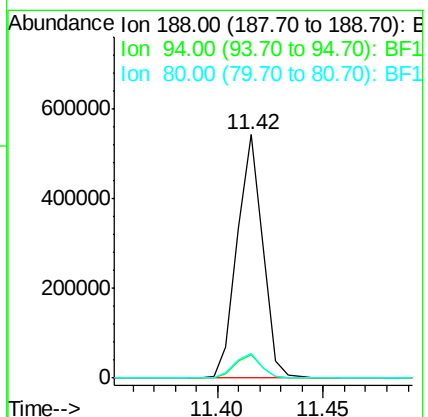
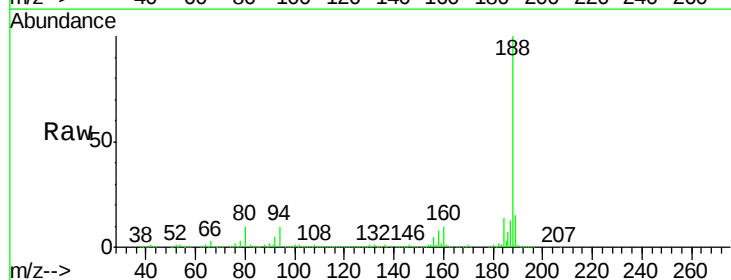
Instrument :  
 BNA\_F  
 ClientSampleId :

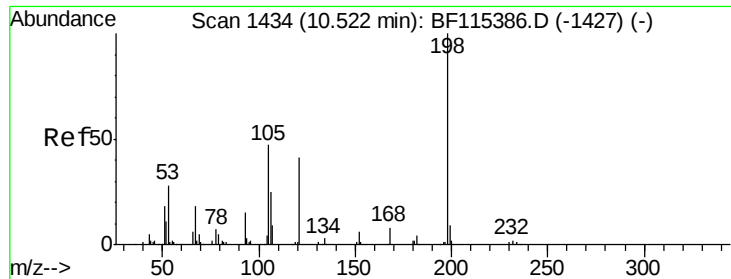
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.4   | 33.0  | 49.4# |
| 89      | 1.1   | 58.5  | 87.7# |
| 182     | 0.0   | 2.1   | 3.1#  |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.42 min Scan# 1586  
 Delta R.T. -0.01 min  
 Lab File: BF115511.D  
 Acq: 11 Jul 2019 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.7   | 7.8   | 11.8  |
| 80      | 10.1  | 8.4   | 12.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 7.904 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampled :

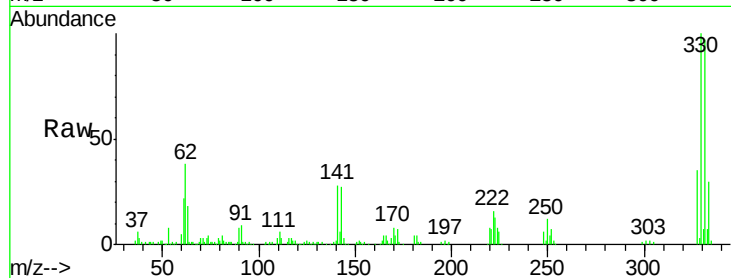
Tot Ion:198 Resp: 224

Ion Ratio Lower Upper

198 100

51 242.7 20.7 60.7#

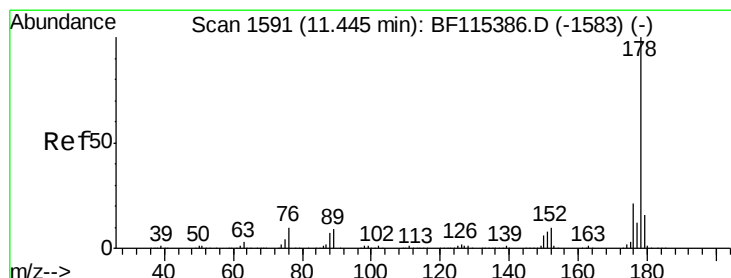
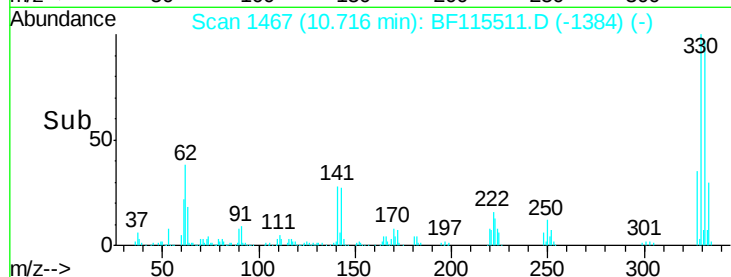
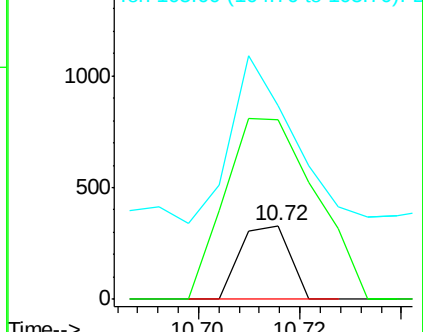
105 261.8 25.3 65.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#71

Phenanthrene

Concen: 14.990 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

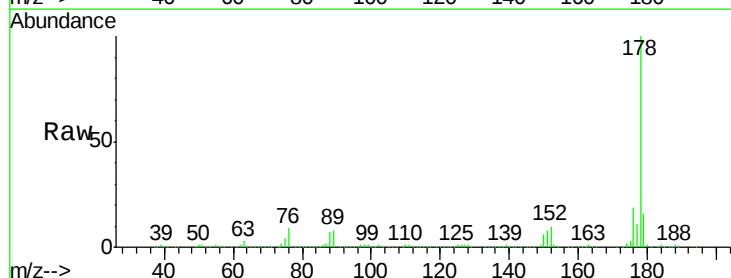
Tgt Ion:178 Resp: 356697

Ion Ratio Lower Upper

178 100

176 19.4 16.6 24.8

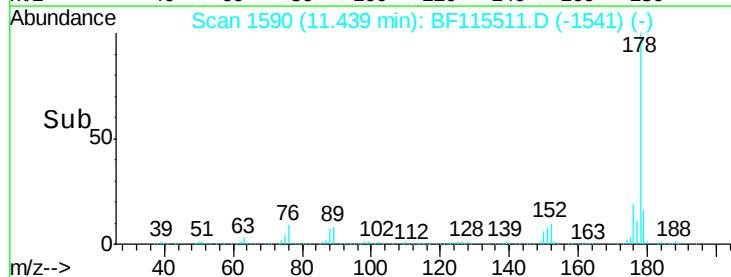
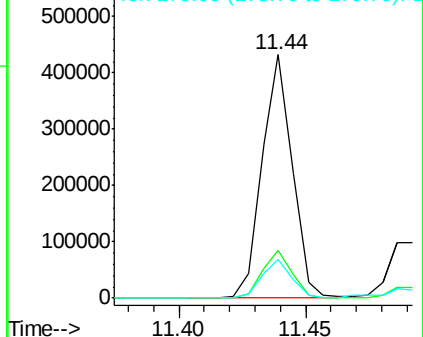
179 15.7 12.7 19.1

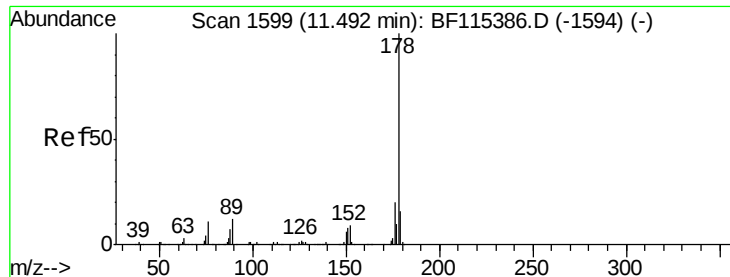


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

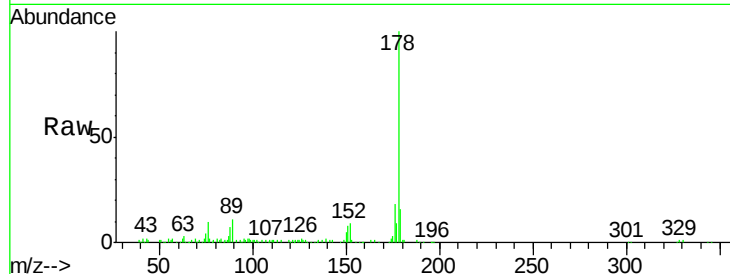




#72  
 Anthracene  
 Concen: 3.752 ng  
 RT: 11.49 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BF115511.D  
 Acq: 11 Jul 2019 22:54

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 15.8  | 23.6  |
| 179     | 16.5  | 13.0  | 19.6  |

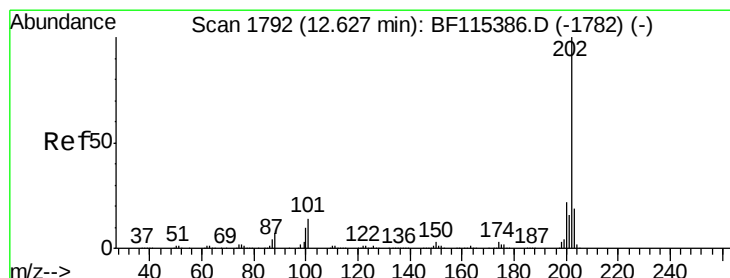
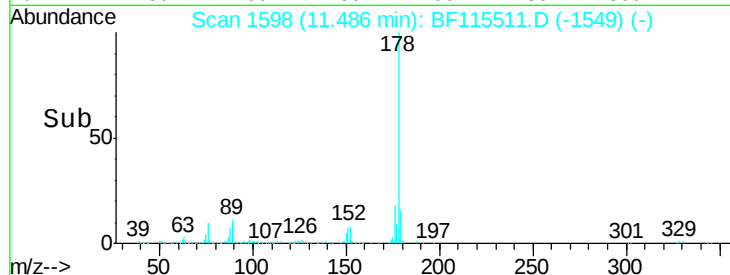
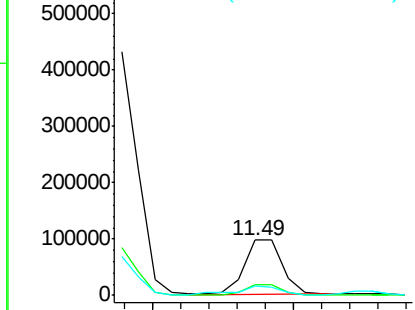


Abundance

Ion 178.00 (177.70 to 178.70): E

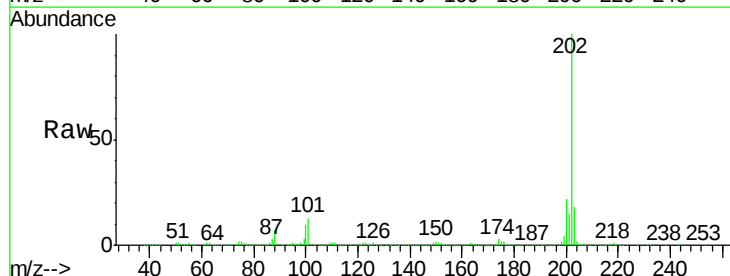
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75  
 Fluoranthene  
 Concen: 32.645 ng  
 RT: 12.63 min Scan# 1792  
 Delta R.T. -0.01 min  
 Lab File: BF115511.D  
 Acq: 11 Jul 2019 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.2  | 0.0   | 33.9  |
| 203     | 18.1  | 0.0   | 38.4  |

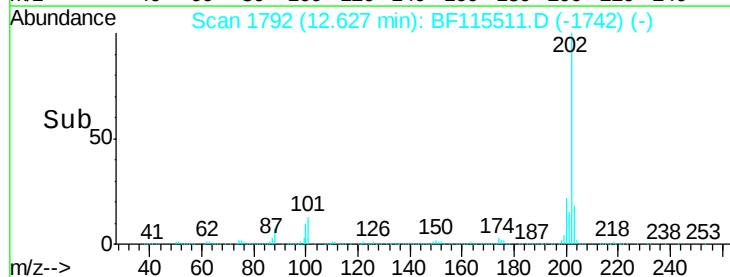
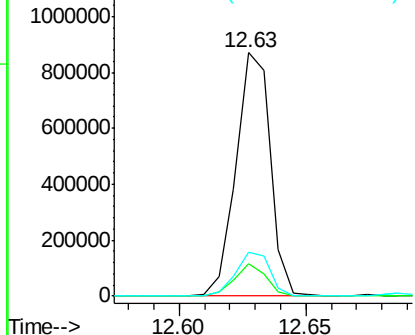


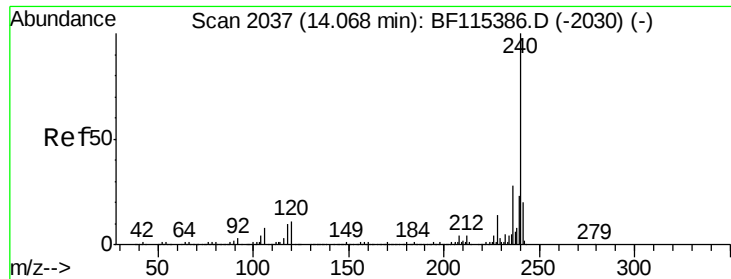
Abundance

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

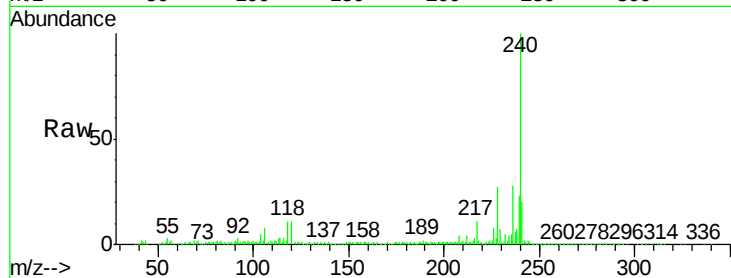




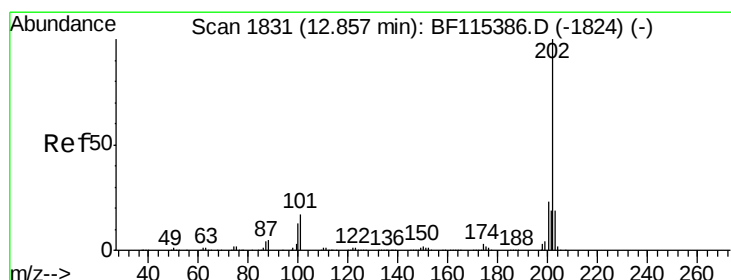
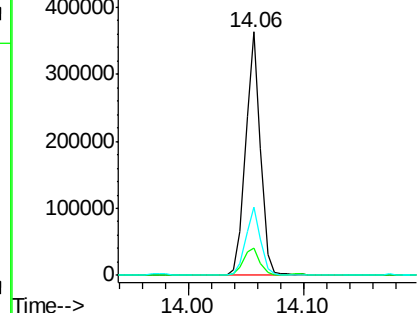
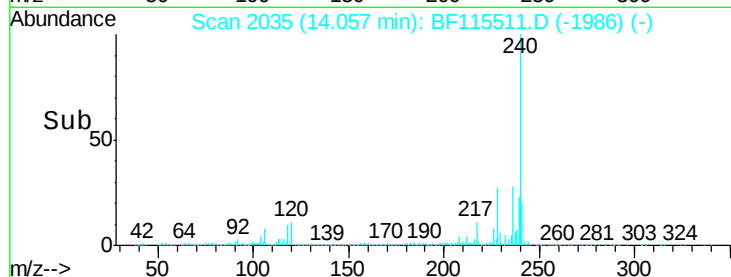
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.4  | 10.2  | 15.4  |
| 236     | 28.0  | 21.1  | 31.7  |

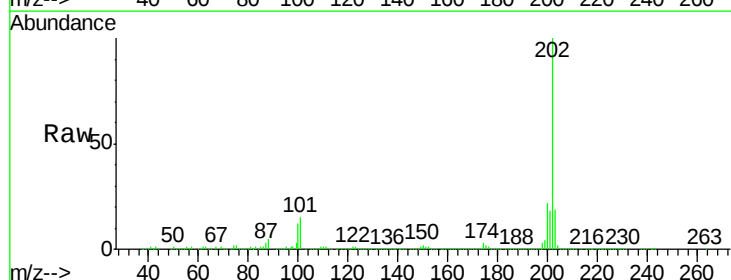


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

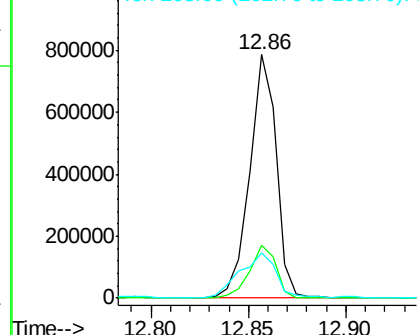
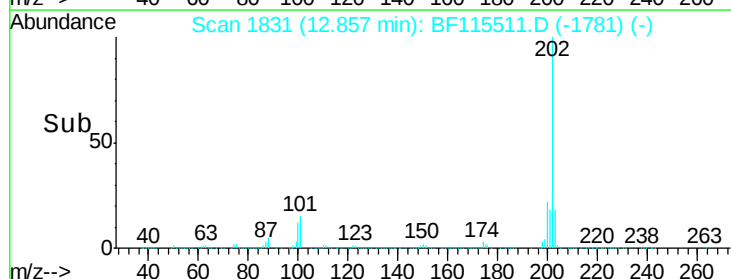


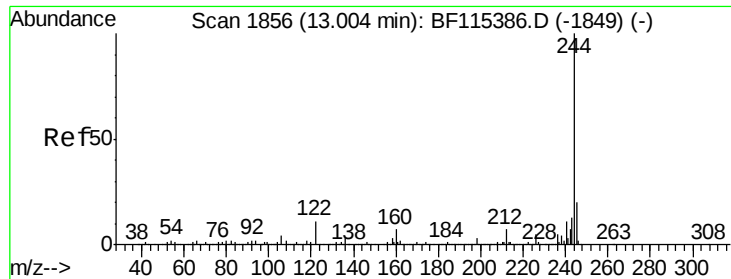
#78  
Pyrene  
Concen: 29.739 ng  
RT: 12.86 min Scan# 1831  
Delta R.T. -0.01 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 17.6  | 26.4  |
| 203     | 18.5  | 14.7  | 22.1  |



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: 50.817 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampleId :

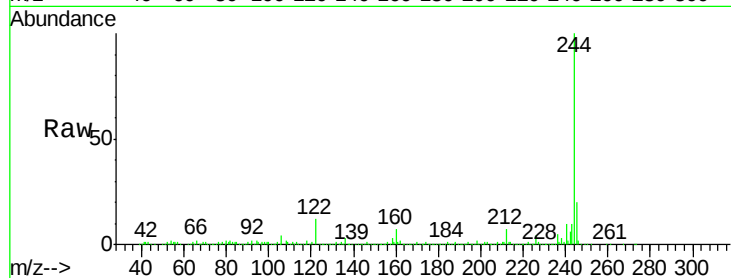
Tot Ion:244 Resp: 796507

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

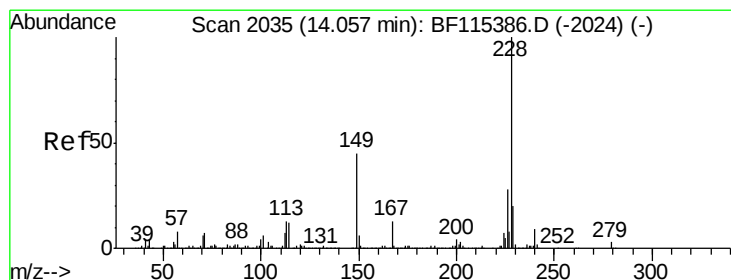
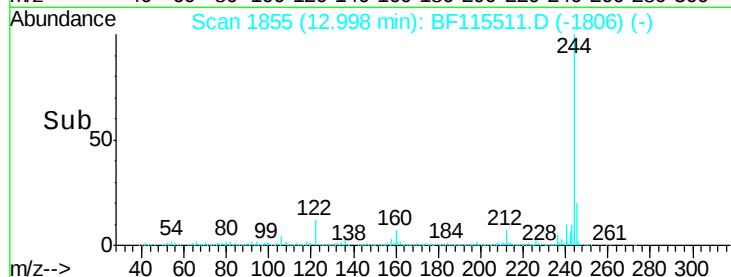
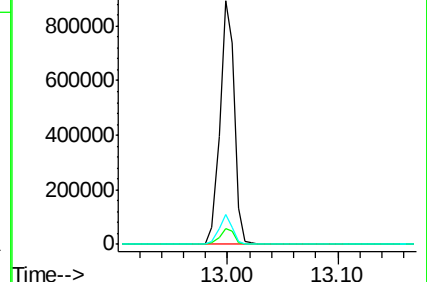
122 12.0 9.1 13.7



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: 25.464 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

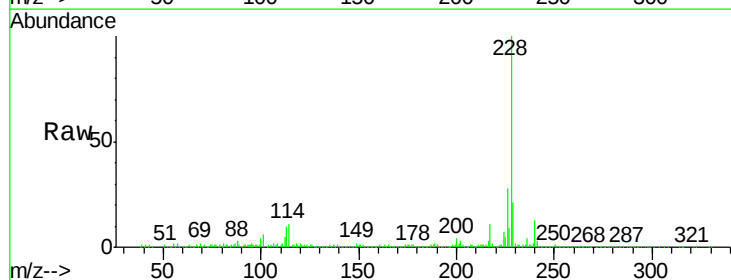
Tgt Ion:228 Resp: 523621

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

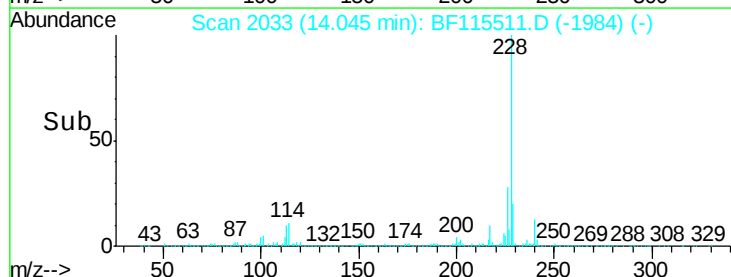
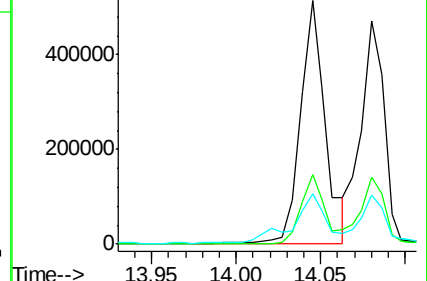
229 20.7 16.4 24.6

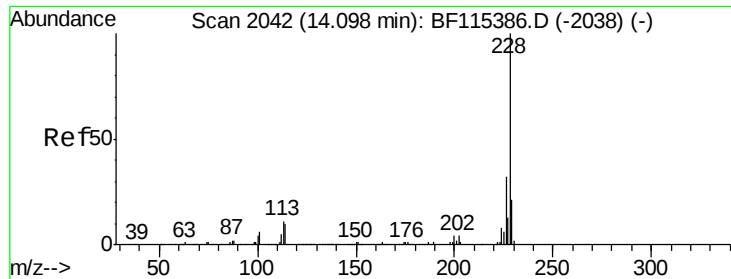


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 21.468 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampleId :

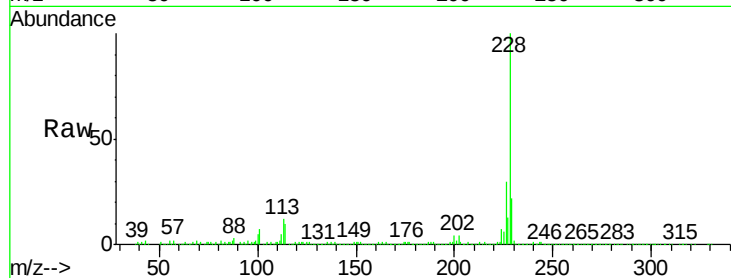
Tot Ion:228 Resp: 453568

Ion Ratio Lower Upper

228 100

226 29.9 25.1 37.7

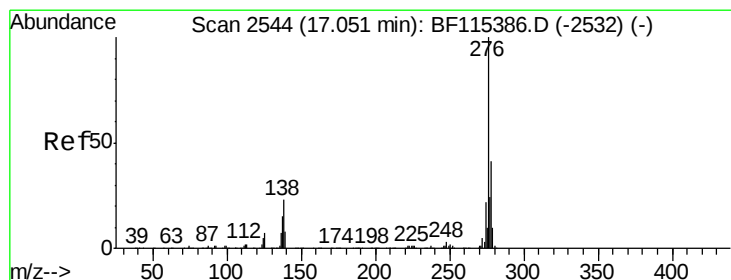
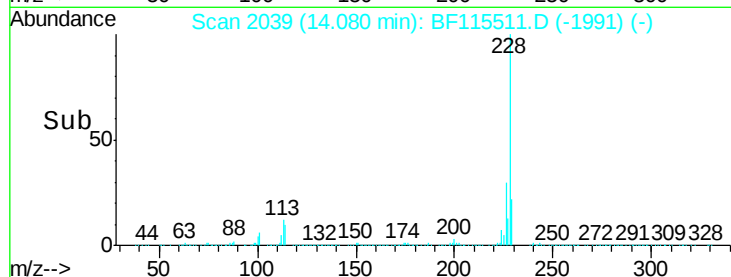
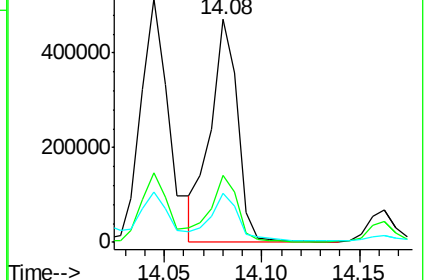
229 22.3 16.1 24.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.032 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

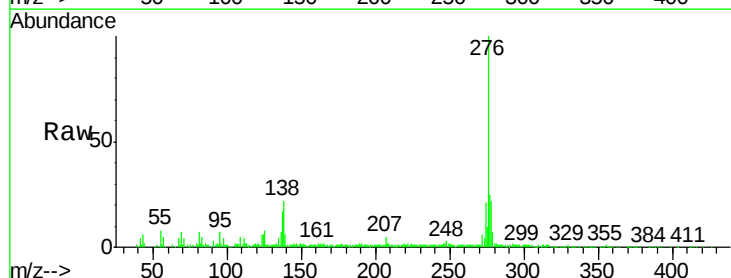
Tgt Ion:276 Resp: 222755

Ion Ratio Lower Upper

276 100

138 21.5 20.6 31.0

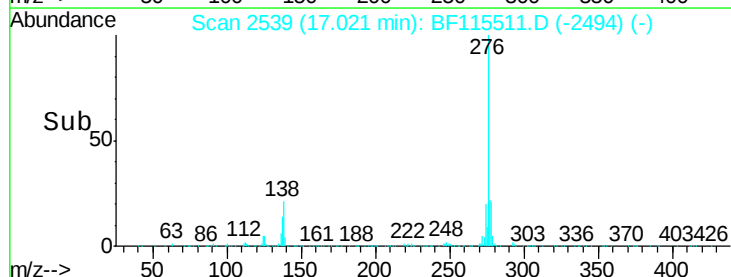
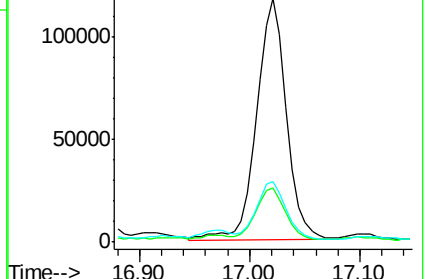
277 23.5 20.2 30.2

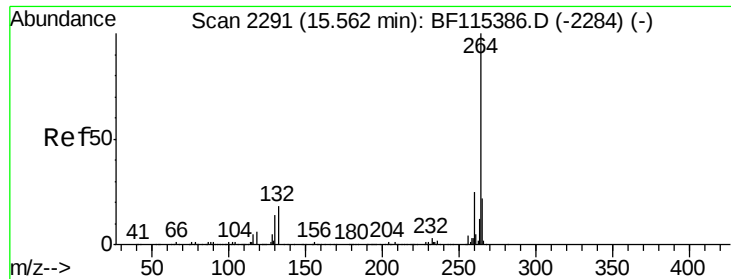


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

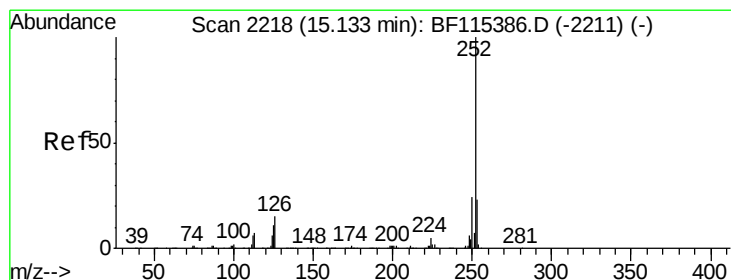
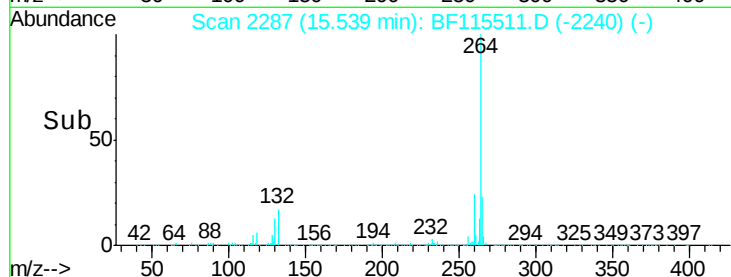
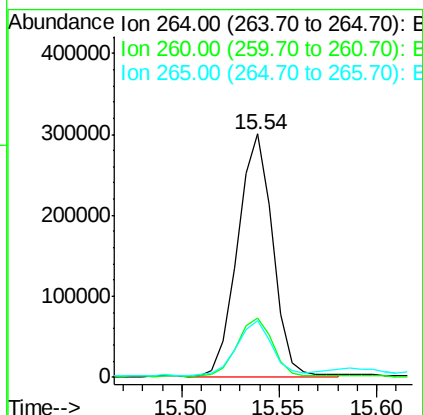
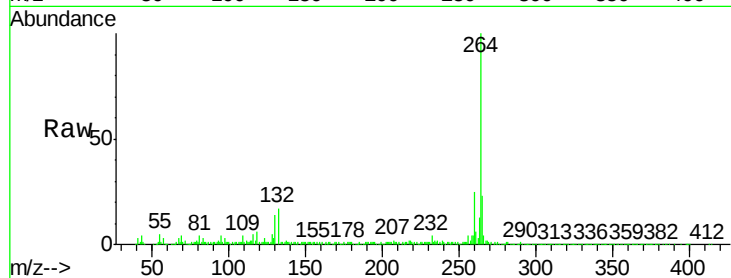




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. -0.02 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

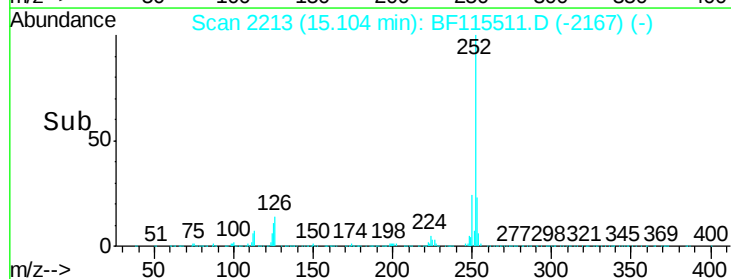
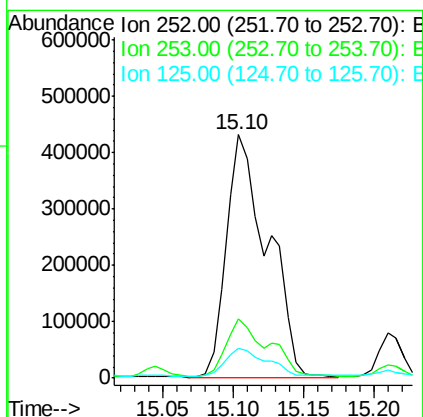
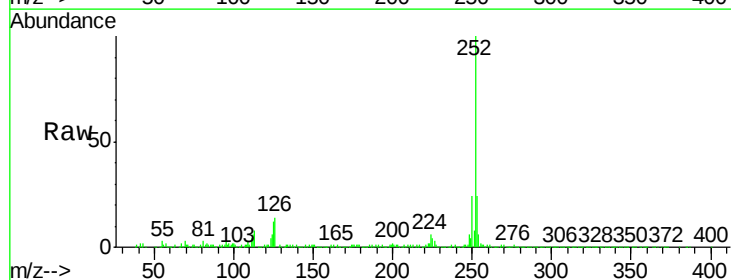
Instrument :  
BNA\_F  
ClientSampleId :

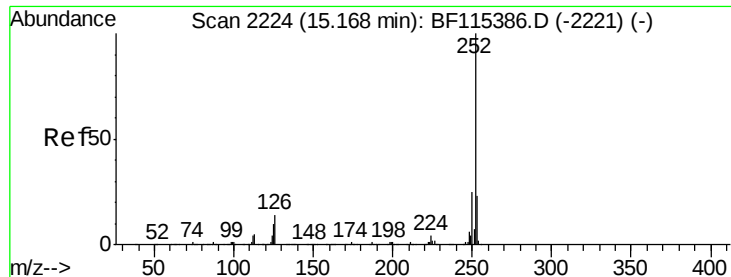
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 20.1  | 30.1  |
| 265     | 23.2  | 17.8  | 26.6  |



#88  
Benzo(b)fluoranthene  
Concen: 36.185 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.03 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 18.0  | 27.0  |
| 125     | 12.1  | 8.5   | 12.7  |

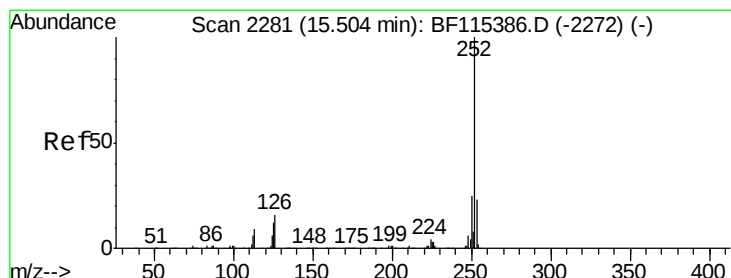
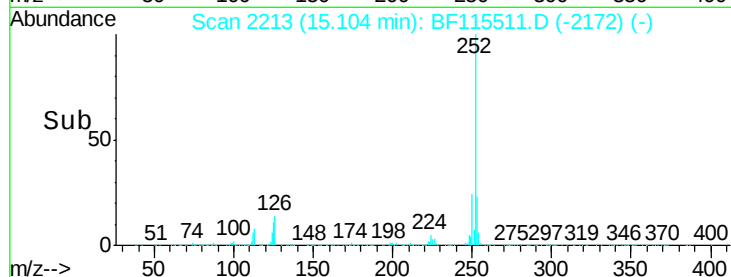
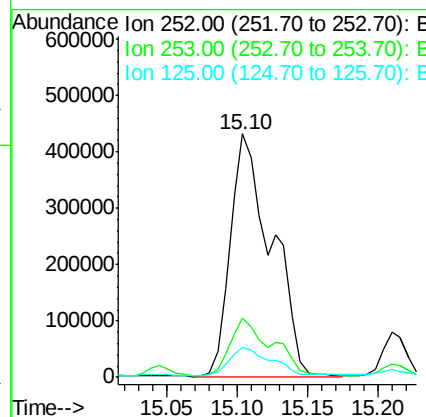
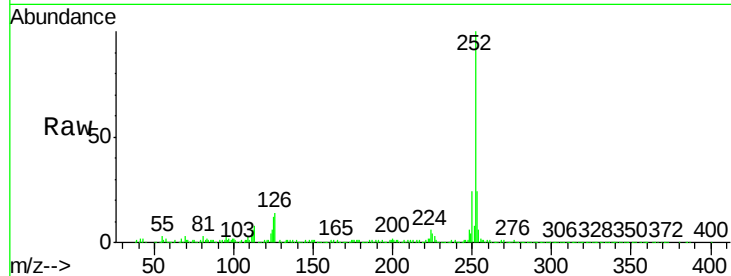




#89  
Benzo(k)fluoranthene  
Concen: 40.688 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. -0.06 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

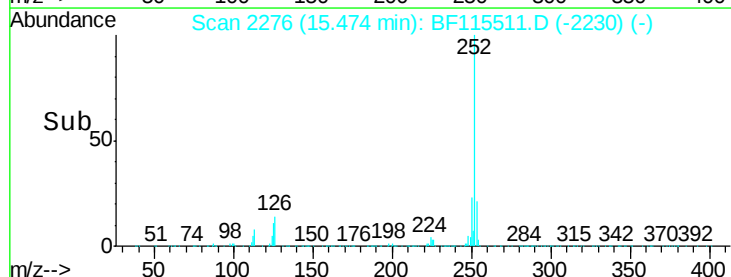
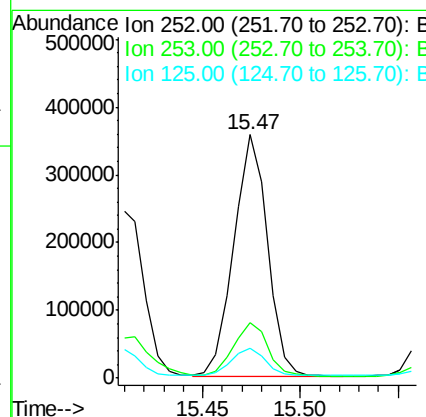
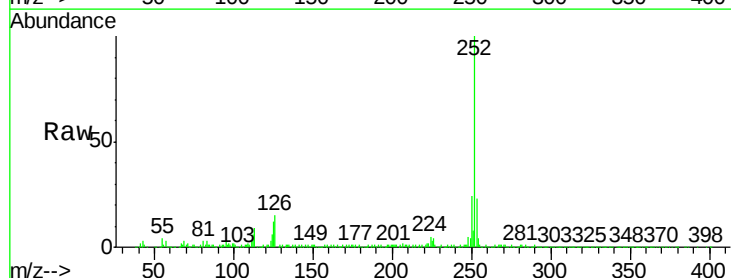
Instrument :  
BNA\_F  
ClientSampled :

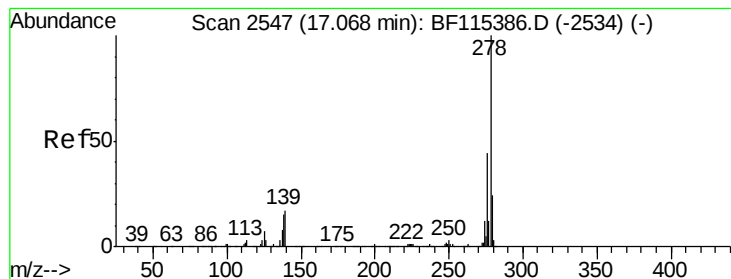
Tot Ion:252 Resp: 877160  
Ion Ratio Lower Upper  
252 100  
253 24.2 18.0 27.0  
125 12.1 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 20.525 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. -0.03 min  
Lab File: BF115511.D  
Acq: 11 Jul 2019 22:54

Tgt Ion:252 Resp: 429138  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 12.3 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 3.513 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

Instrument :

BNA\_F

ClientSampleId :

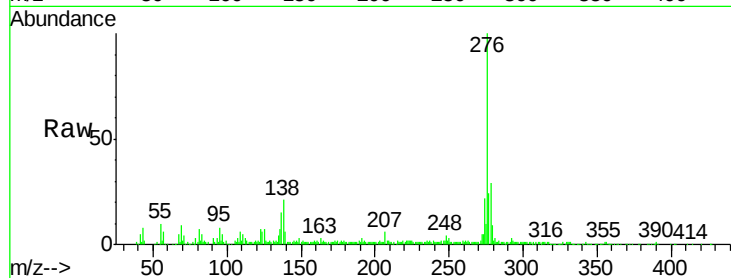
Tot Ion:278 Resp: 62771

Ion Ratio Lower Upper

278 100

139 21.4 13.0 19.6#

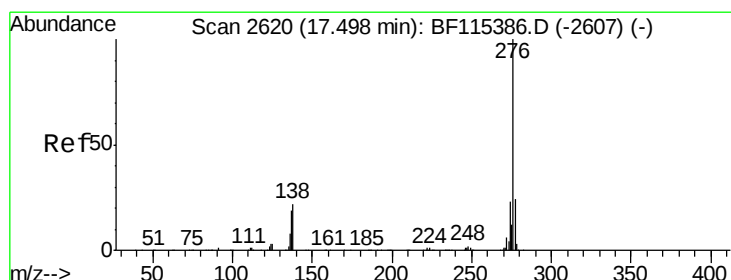
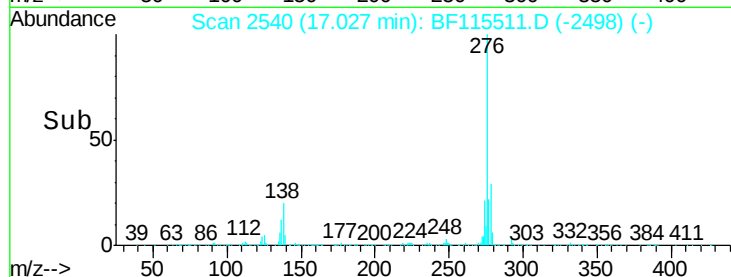
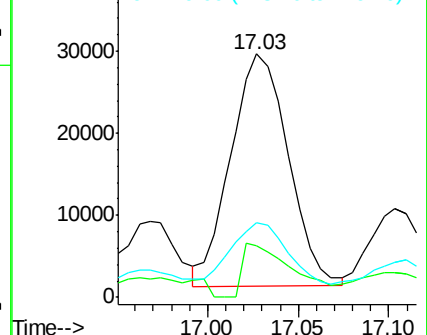
279 30.7 19.4 29.2#



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(g,h,i)perylene

Concen: 11.541 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.04 min

Lab File: BF115511.D

Acq: 11 Jul 2019 22:54

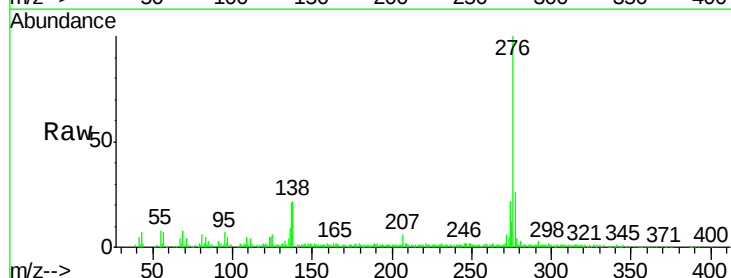
Tgt Ion:276 Resp: 195165

Ion Ratio Lower Upper

276 100

277 25.5 18.8 28.2

138 22.1 17.8 26.8



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

