

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\  
 Data File : BF114944.D  
 Acq On : 11 Jun 2019 14:18  
 Operator : HP/JU  
 Sample : K3163-05 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-04-060719-A

Quant Time: Jun 11 14:46:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 16:44:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.66  | 152  | 196635   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.94  | 136  | 775230   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.69  | 164  | 394995   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.16 | 188  | 762563   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 586520   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.17 | 264  | 512438   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.26  | 112 | 561208 | 48.30 | ng | -0.01 |
| 7) Phenol-d6             | 6.30  | 99  | 706121 | 50.39 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.22  | 82  | 407630 | 32.31 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.47 | 330 | 202679 | 47.17 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 9.02  | 172 | 868739 | 34.91 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.74 | 244 | 921422 | 31.24 | ng | 0.00  |

## Target Compounds

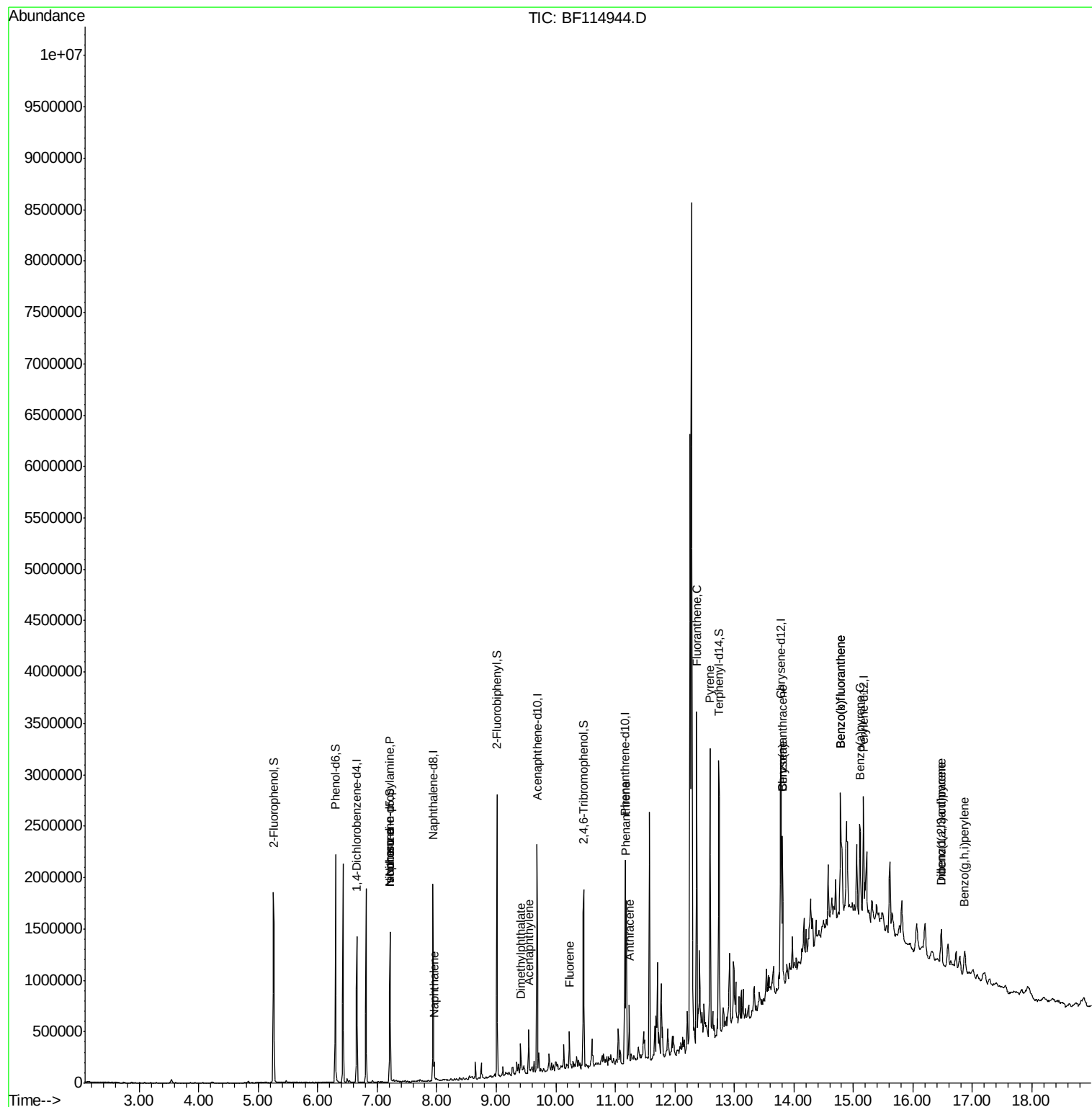
|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 19) n-Nitroso-di-n-propylamine | 7.22  | 70  | 53031   | 6.051  | ng | # 75   |
| 25) Isophorone                 | 7.22  | 82  | 400087  | 16.193 | ng | # 62   |
| 31) Naphthalene                | 7.96  | 128 | 74719   | 2.092  | ng | 96     |
| 49) Acenaphthylene             | 9.55  | 152 | 162873  | 4.431  | ng | 98     |
| 50) Dimethylphthalate          | 9.41  | 163 | 86300   | 2.907  | ng | 96     |
| 58) Fluorene                   | 10.23 | 166 | 89430   | 3.649  | ng | 100    |
| 71) Phenanthrene               | 11.18 | 178 | 605534  | 16.367 | ng | 96     |
| 72) Anthracene                 | 11.23 | 178 | 180072  | 4.795  | ng | 96     |
| 75) Fluoranthene               | 12.37 | 202 | 969511  | 25.335 | ng | 96     |
| 78) Pyrene                     | 12.59 | 202 | 1004292 | 19.661 | ng | 97     |
| 81) Benzo(a)anthracene         | 13.81 | 228 | 548674  | 12.652 | ng | 96     |
| 83) Chrysene                   | 13.81 | 228 | 548674  | 12.599 | ng | 97     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.47 | 276 | 213013  | 5.203  | ng | 95     |
| 88) Benzo(b)fluoranthene       | 14.79 | 252 | 853129  | 25.572 | ng | # 96   |
| 89) Benzo(k)fluoranthene       | 14.79 | 252 | 853129  | 29.466 | ng | # 95   |
| 90) Benzo(a)pyrene             | 15.11 | 252 | 419260  | 14.469 | ng | # 95   |
| 91) Dibenzo(a,h)anthracene     | 16.49 | 278 | 58294   | 2.382  | ng | # 75   |
| 92) Benzo(g,h,i)perylene       | 16.87 | 276 | 189279  | 7.758  | ng | 96     |

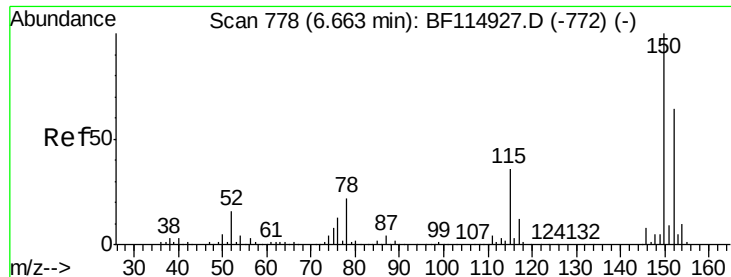
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF114944.D  
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Sample : K3163-05 2X  
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
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QLast Update : Mon Jun 10 16:44:00 2019  
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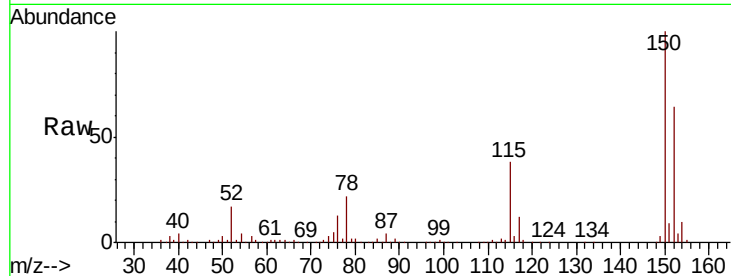


#1

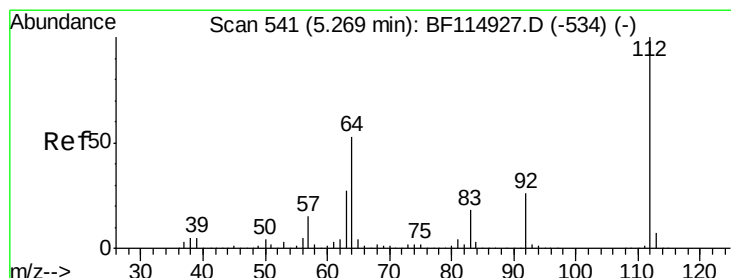
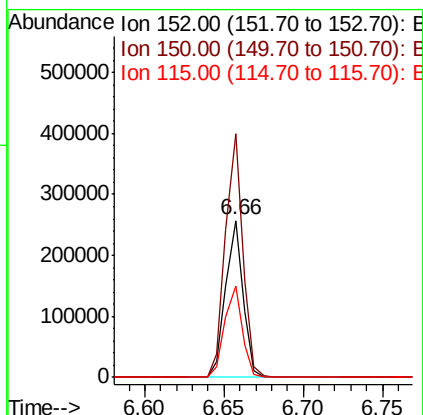
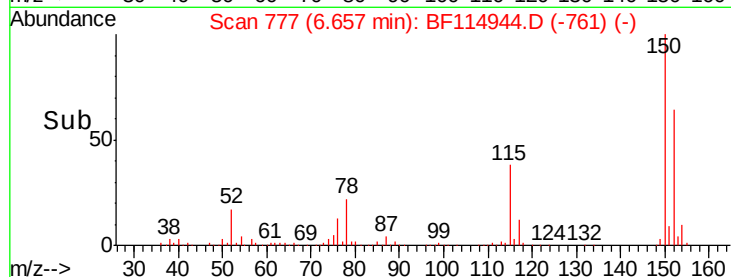
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.66 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

Tot Ion:152 Resp: 196635  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.2 187.8  
115 58.4 45.0 67.4



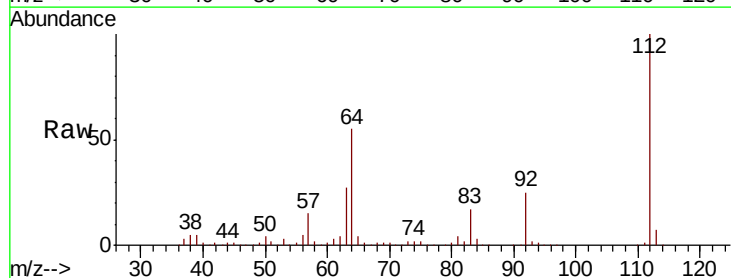
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



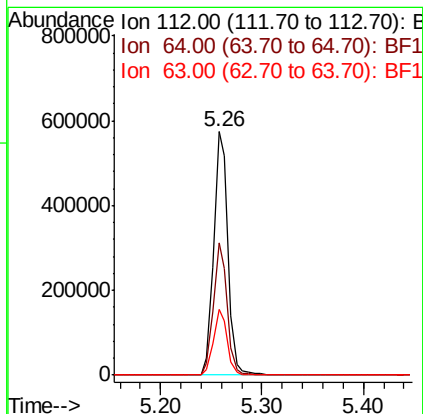
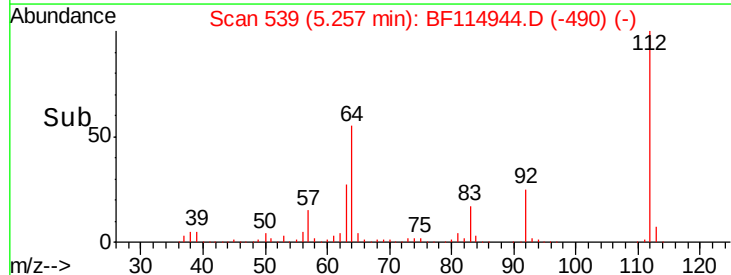
#5

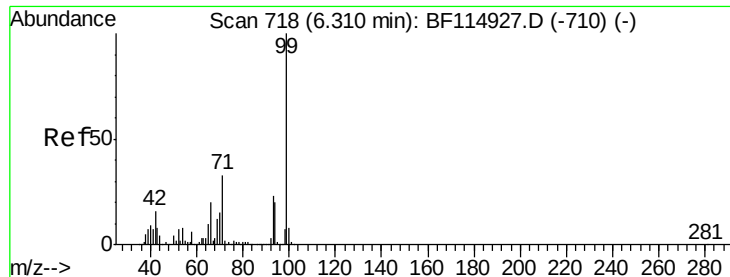
2-Fluorophenol  
Concen: 48.303 ng  
RT: 5.26 min Scan# 539  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Tgt Ion:112 Resp: 561208  
Ion Ratio Lower Upper  
112 100  
64 54.5 42.1 63.1  
63 26.9 21.8 32.8



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: 50.386 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

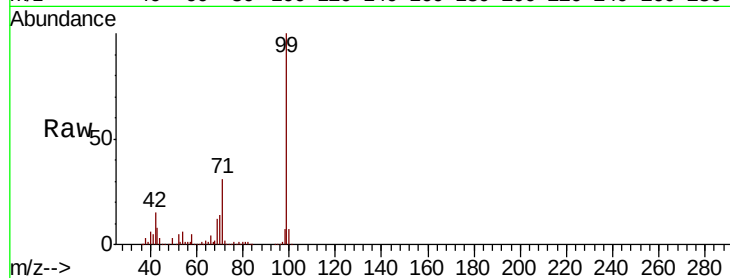
Tot Ion: 99 Resp: 706121

Ion Ratio Lower Upper

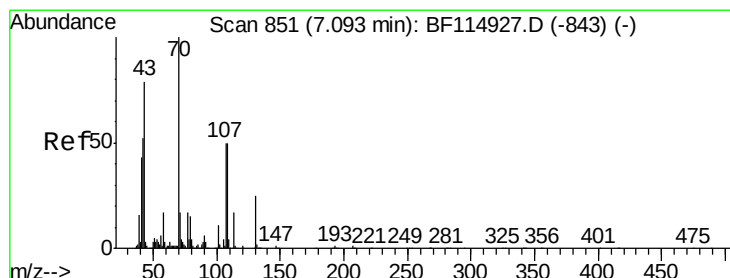
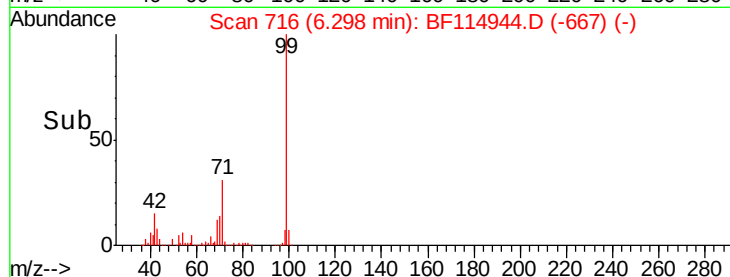
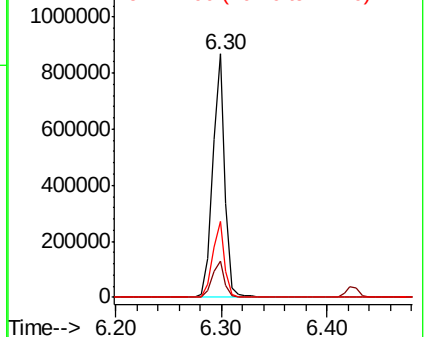
99 100

42 15.1 13.1 19.7

71 31.0 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.051 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Tgt Ion: 70 Resp: 53031

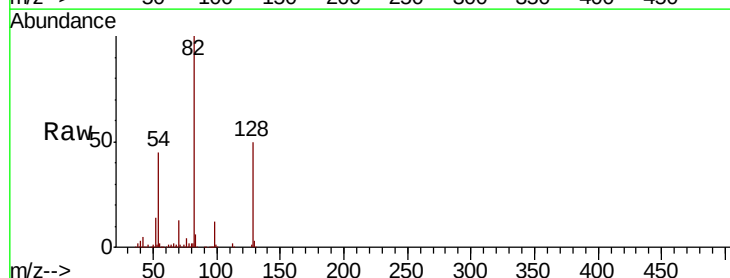
Ion Ratio Lower Upper

70 100

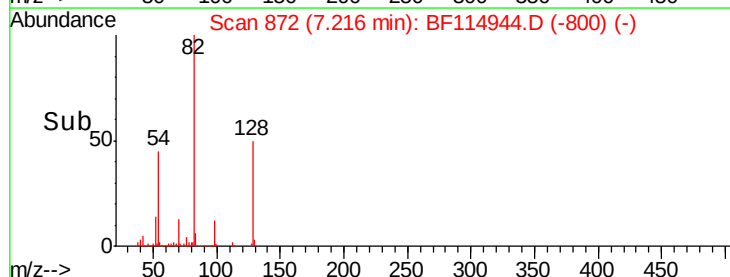
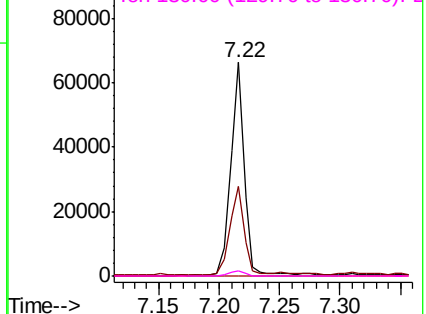
42 41.8 41.7 62.5

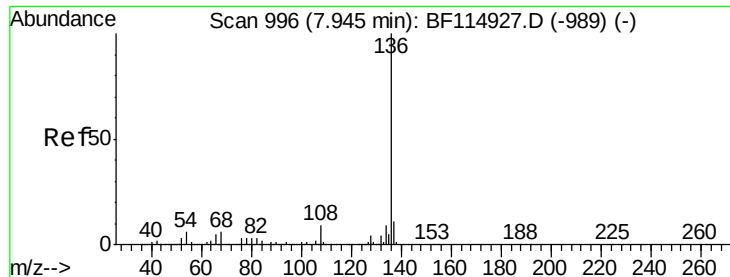
101 0.0 8.4 12.6#

130 2.1 19.9 29.9#



Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): BF1  
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

Tot Ion:136 Resp: 775230

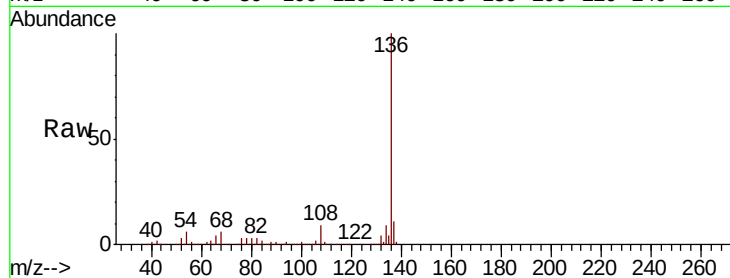
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.3 5.2 7.8

68 5.8 4.6 7.0

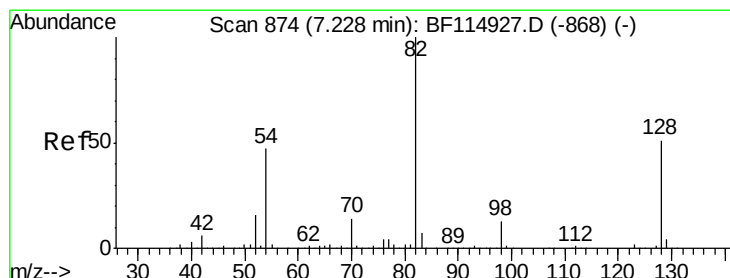
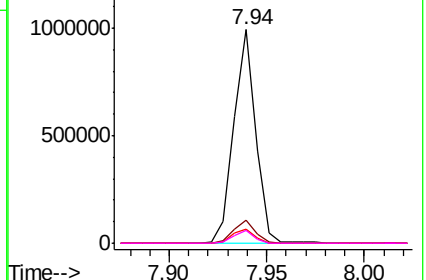
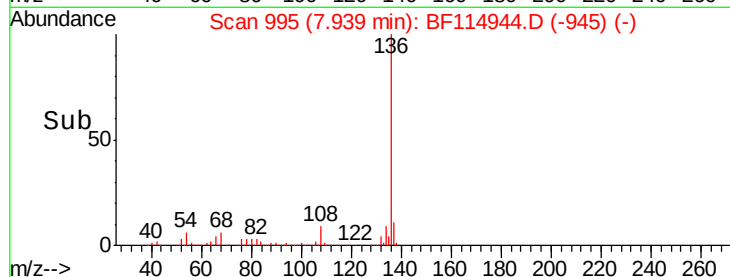


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 32.307 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

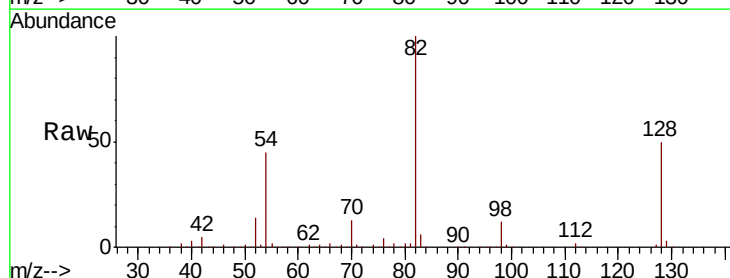
Tgt Ion: 82 Resp: 407630

Ion Ratio Lower Upper

82 100

128 49.8 40.9 61.3

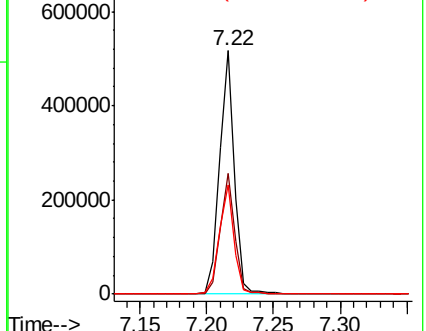
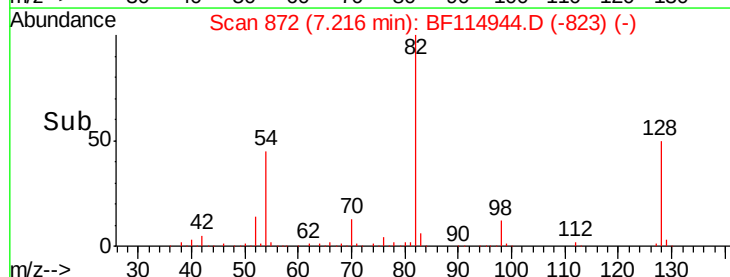
54 44.6 37.4 56.0

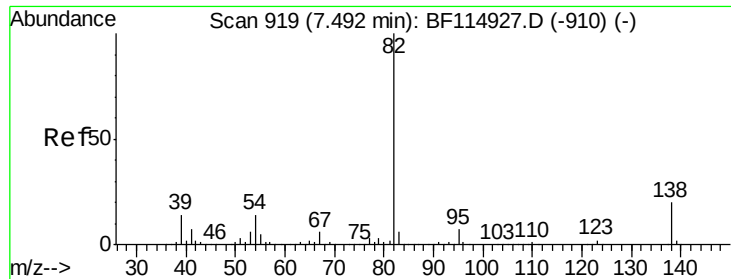


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.193 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.28 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

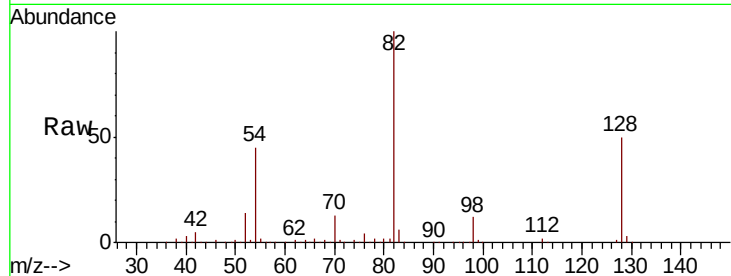
Tot Ion: 82 Resp: 400087

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

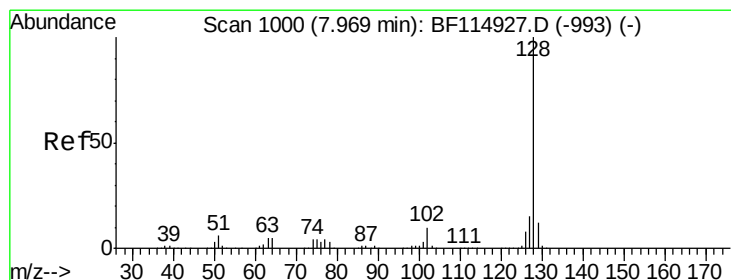
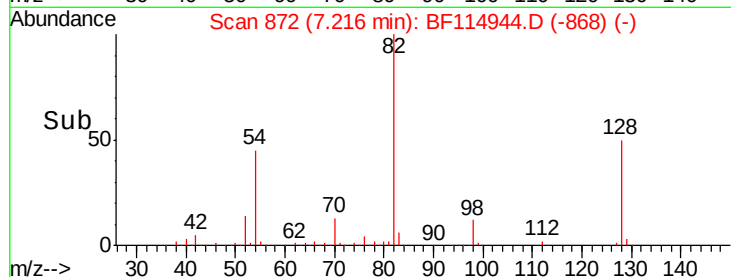
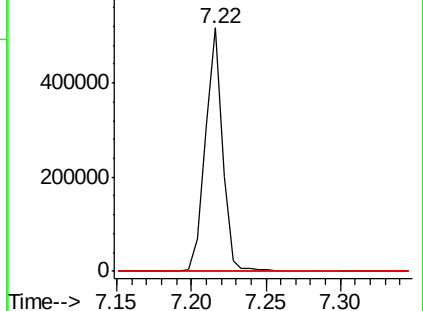
138 0.0 16.4 24.6#



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



#31

Naphthalene

Concen: 2.092 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

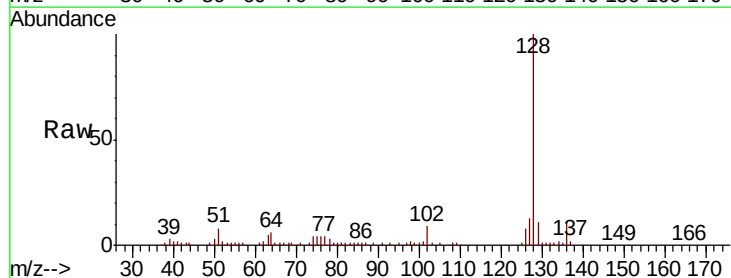
Tgt Ion: 128 Resp: 74719

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

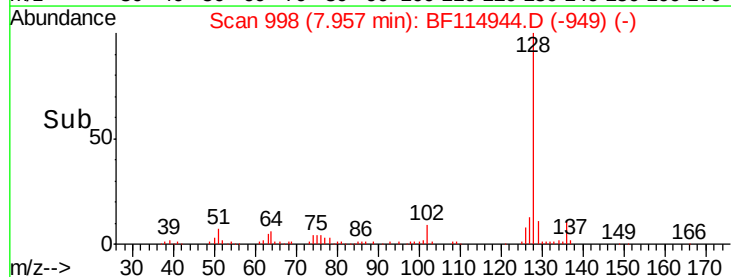
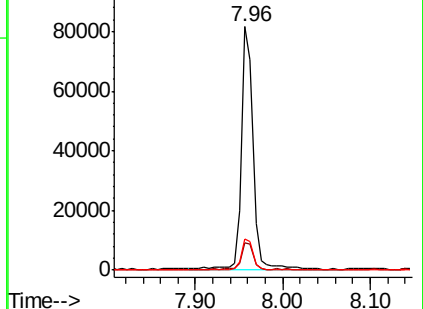
127 12.9 11.8 17.6

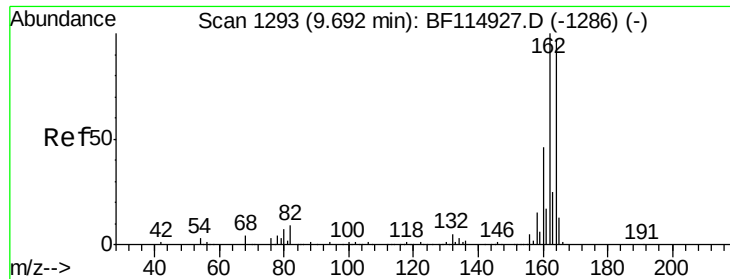


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

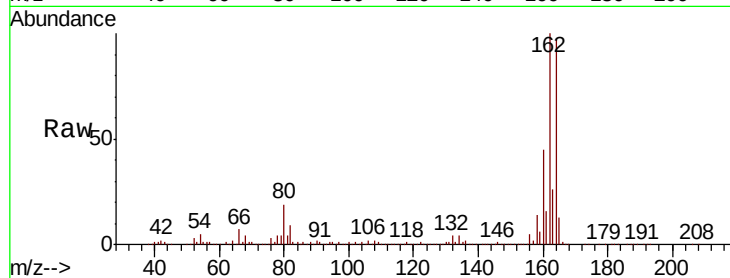
Tot Ion:164 Resp: 394995

Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

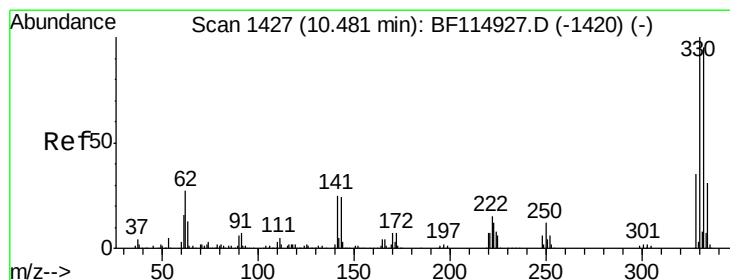
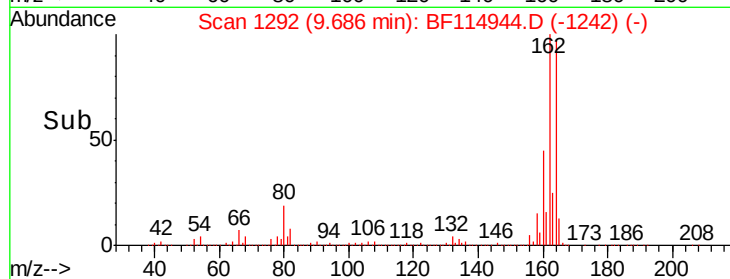
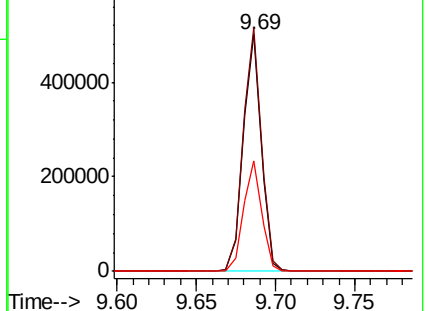
160 46.6 37.5 56.3



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: 47.170 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

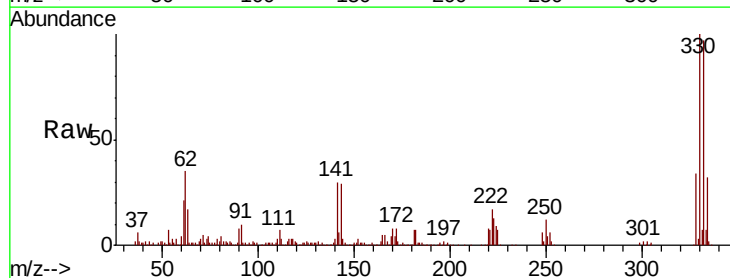
Tgt Ion:330 Resp: 202679

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

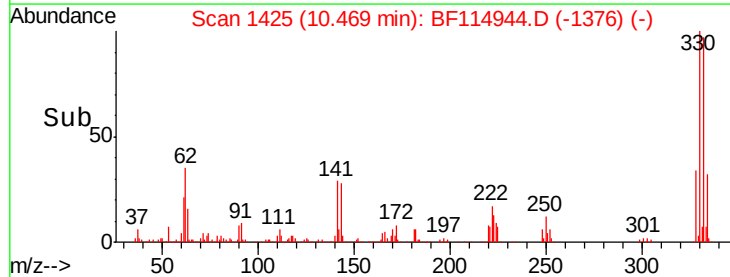
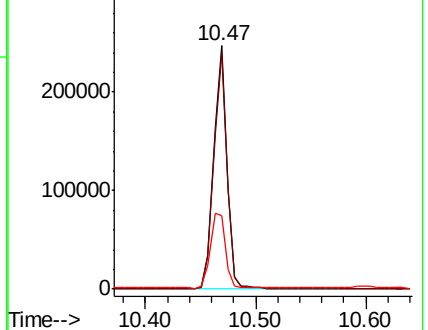
141 33.8 26.8 40.2

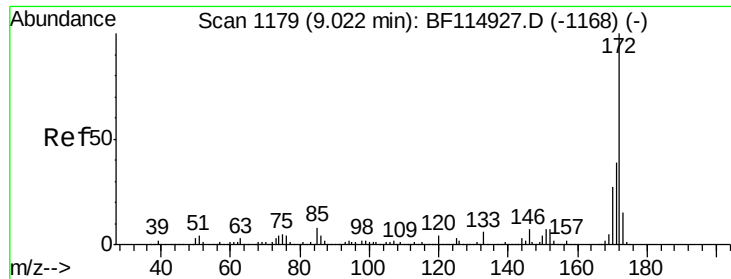


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

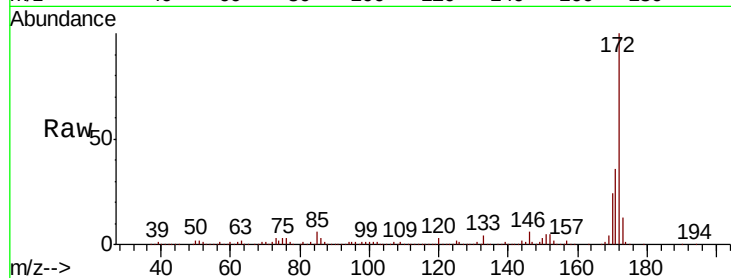




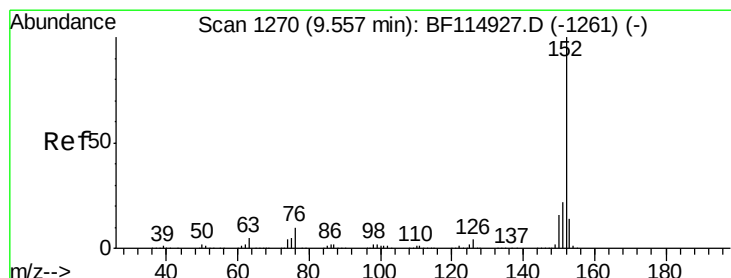
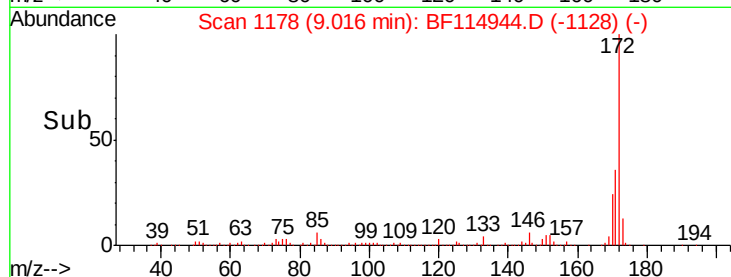
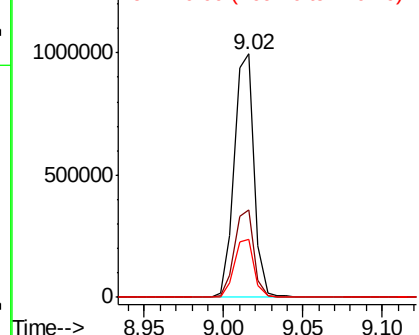
#45  
2-Fluorobiphenyl  
Concen: 34.905 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

Tot Ion:172 Resp: 868739  
Ion Ratio Lower Upper  
172 100  
171 35.9 31.3 46.9  
170 23.9 21.4 32.0

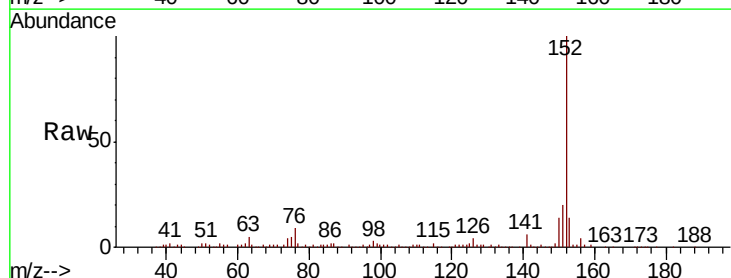


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

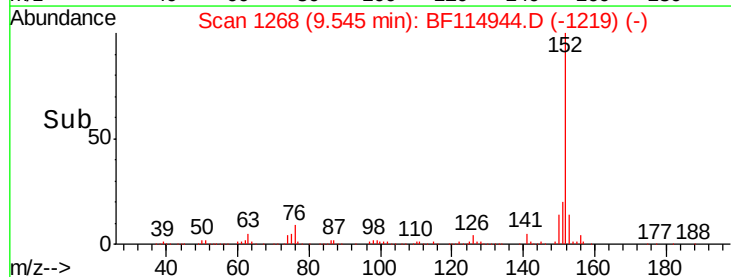
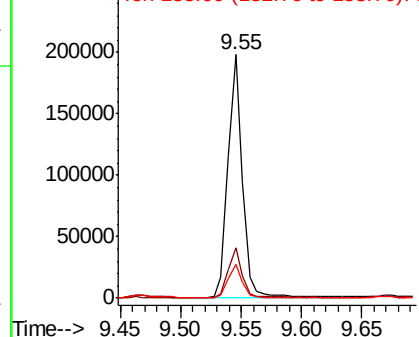


#49  
Acenaphthylene  
Concen: 4.431 ng  
RT: 9.55 min Scan# 1268  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

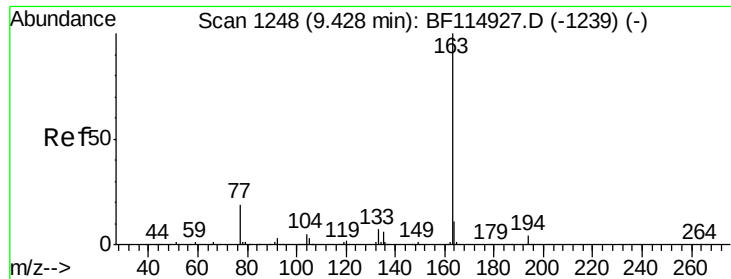
Tgt Ion:152 Resp: 162873  
Ion Ratio Lower Upper  
152 100  
151 20.5 17.6 26.4  
153 13.7 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



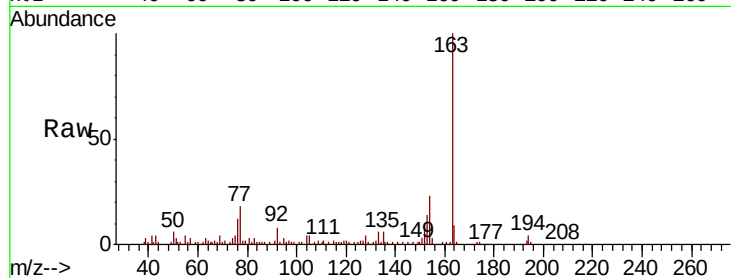




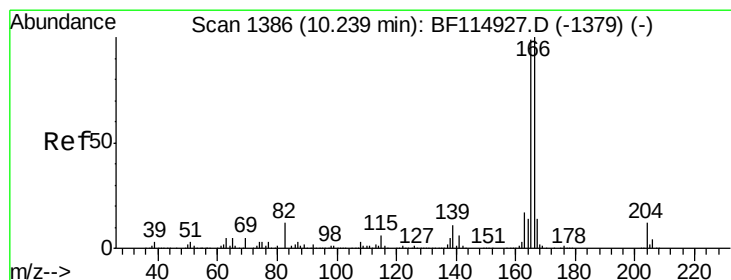
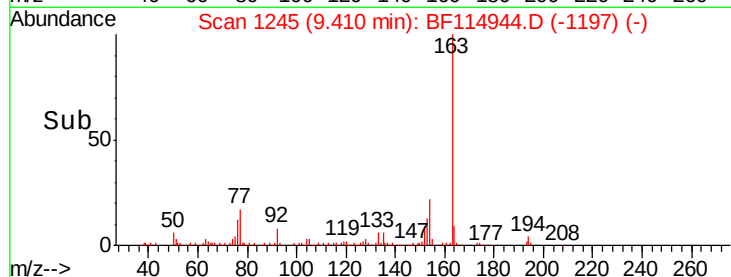
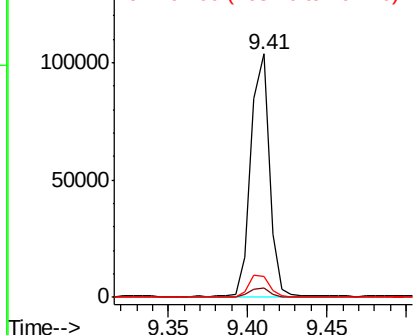
#50  
Dimethylphthalate  
Concen: 2.907 ng  
RT: 9.41 min Scan# 1245  
Delta R.T. -0.02 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

Tot Ion:163 Resp: 86300  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 8.7 8.7 13.1

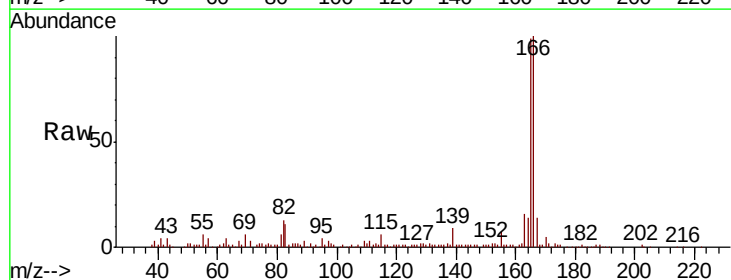


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

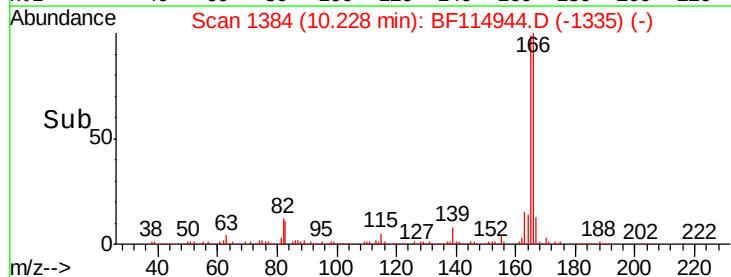
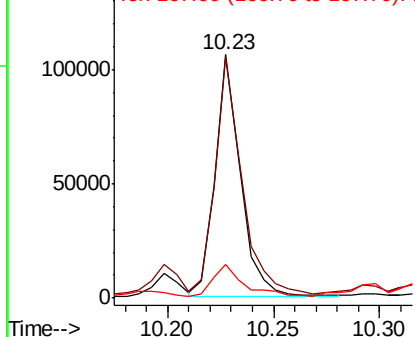


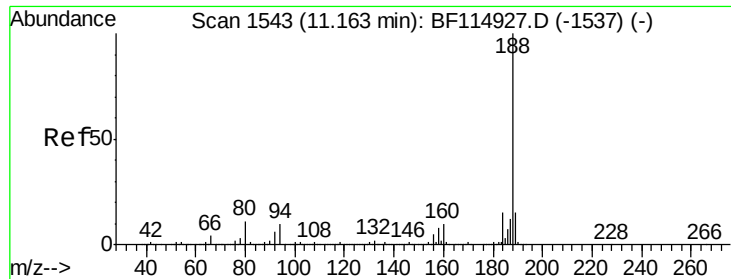
#58  
Fluorene  
Concen: 3.649 ng  
RT: 10.23 min Scan# 1384  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Tgt Ion:166 Resp: 89430  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.2 118.8  
167 14.0 11.0 16.6



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

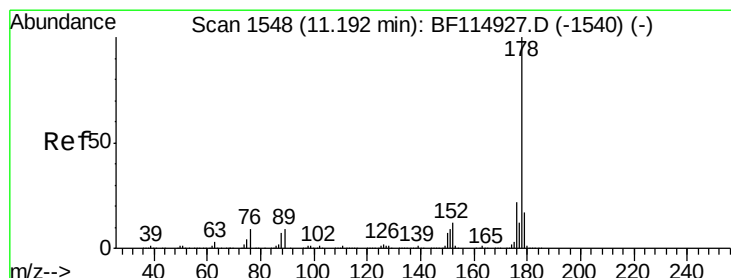
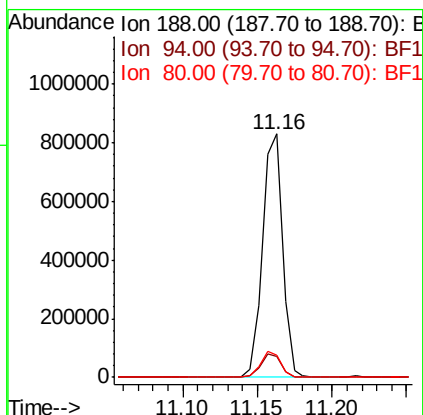
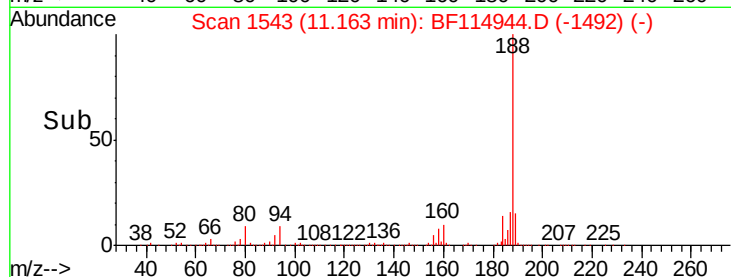
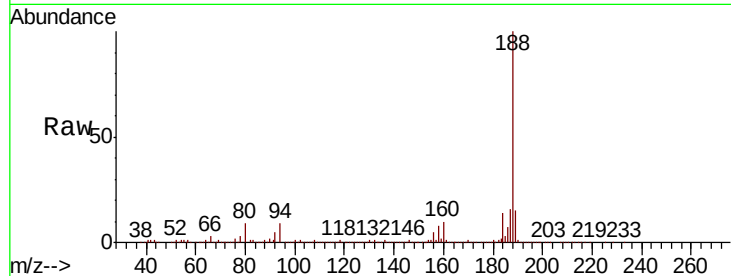




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.16 min Scan# 1543  
Delta R.T. -0.00 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

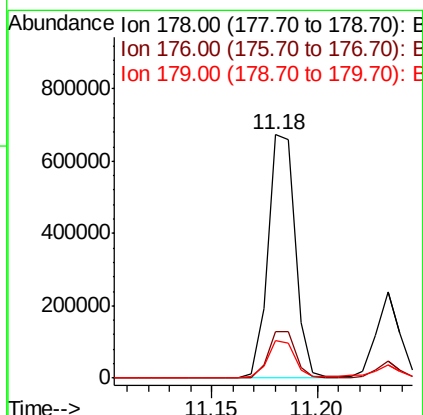
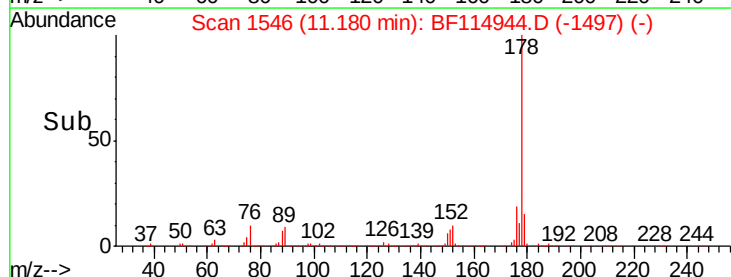
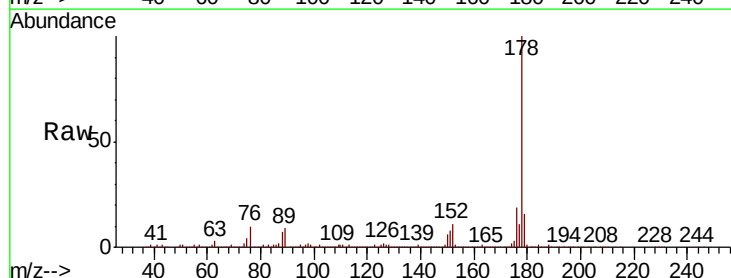
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

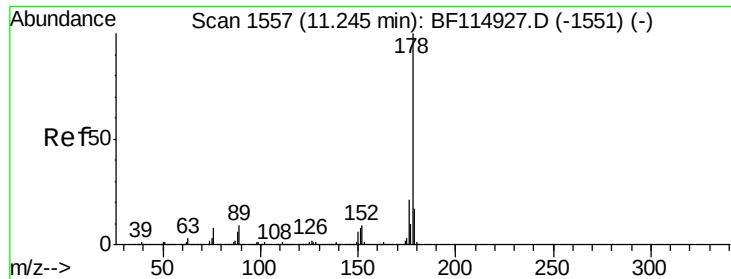
Tot Ion:188 Resp: 762563  
Ion Ratio Lower Upper  
188 100  
94 8.8 8.1 12.1  
80 9.4 8.6 12.8



#71  
Phenanthrene  
Concen: 16.367 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Tgt Ion:178 Resp: 605534  
Ion Ratio Lower Upper  
178 100  
176 19.3 17.4 26.2  
179 15.5 13.6 20.4





#72

Anthracene

Concen: 4.795 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

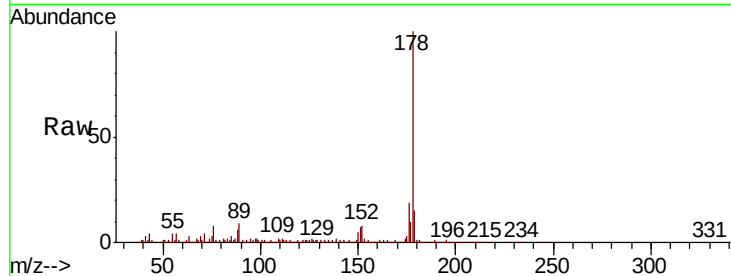
Tot Ion:178 Resp: 180072

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

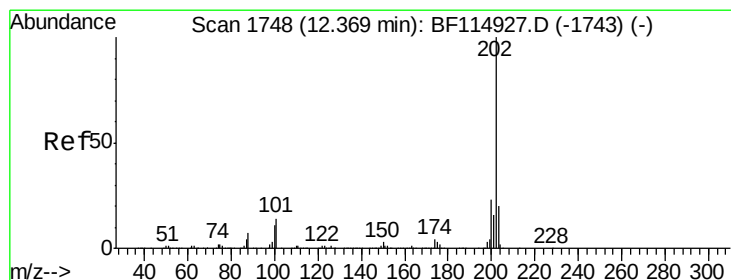
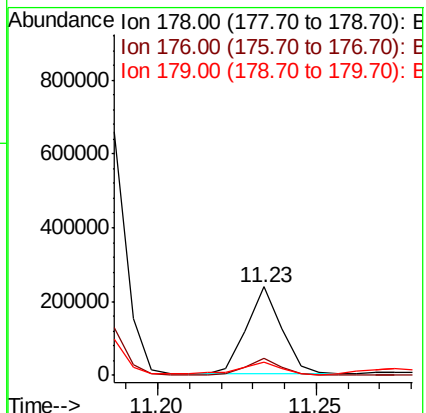
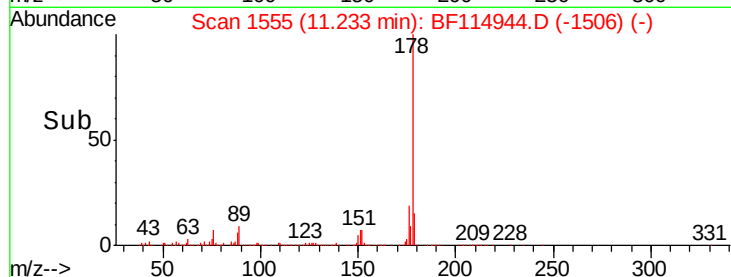
179 15.1 13.4 20.2



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: 25.335 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

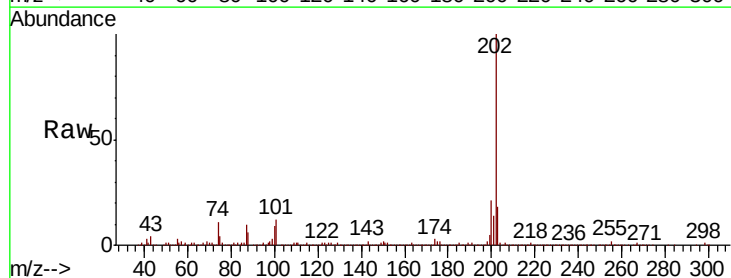
Tgt Ion:202 Resp: 969511

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.3

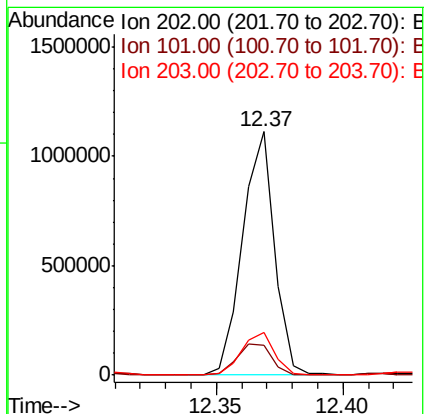
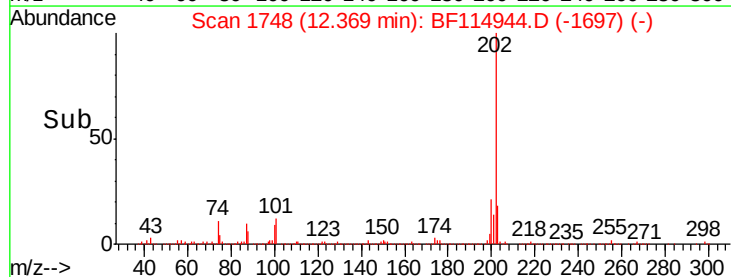
203 17.8 0.0 39.6

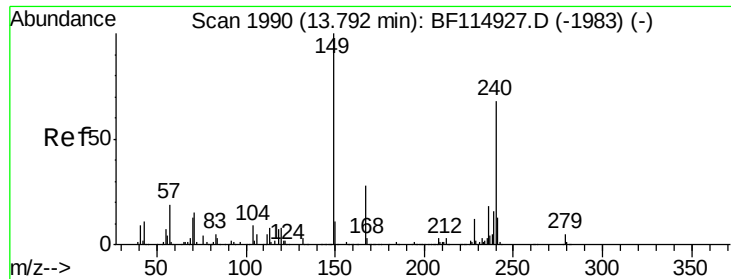


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

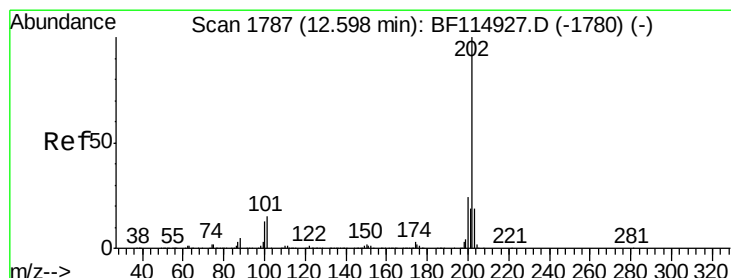
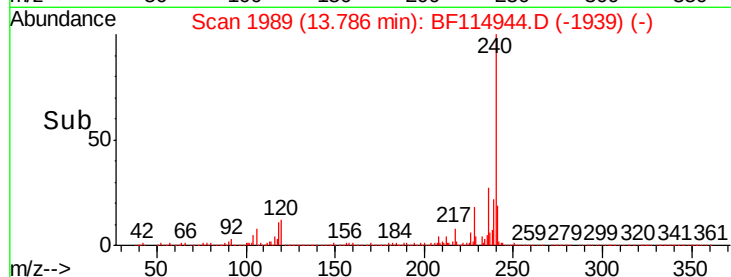
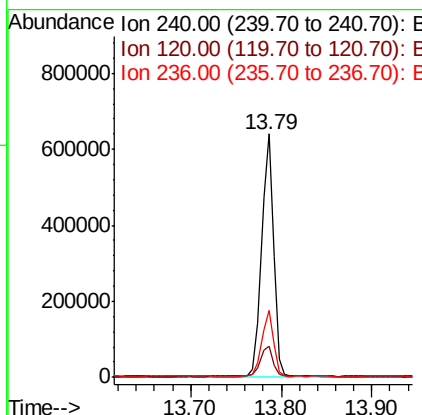
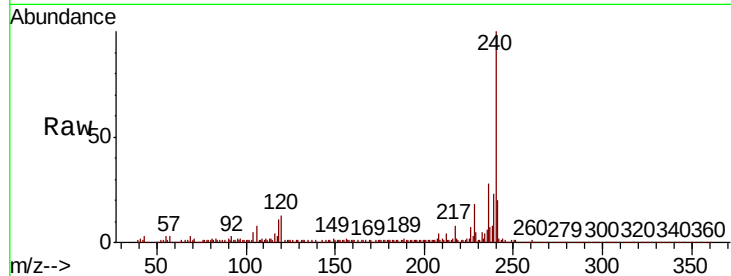




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.79 min Scan# 1989  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

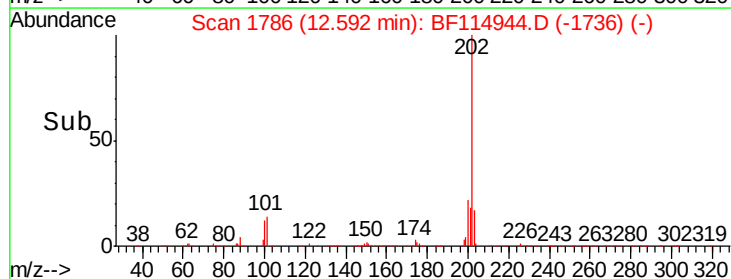
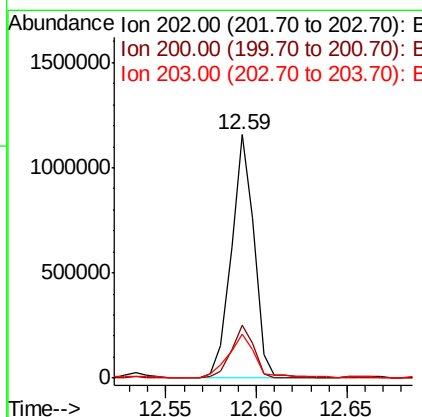
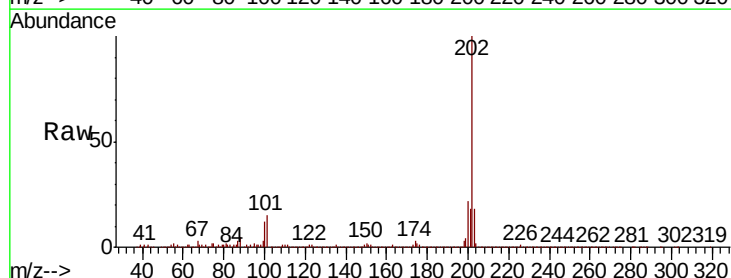
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

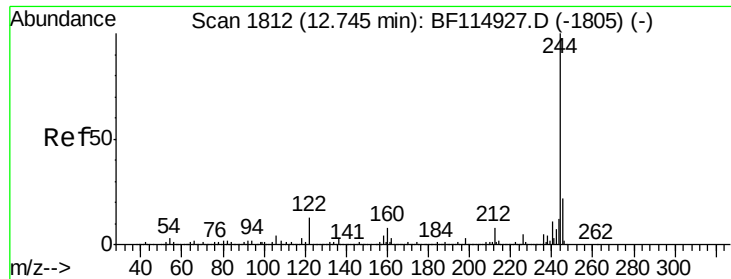
Tot Ion:240 Resp: 586520  
Ion Ratio Lower Upper  
240 100  
120 12.7 9.2 13.8  
236 27.5 21.7 32.5



#78  
Pyrene  
Concen: 19.661 ng  
RT: 12.59 min Scan# 1786  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

Tgt Ion:202 Resp: 1004292  
Ion Ratio Lower Upper  
202 100  
200 21.7 18.9 28.3  
203 17.9 15.2 22.8

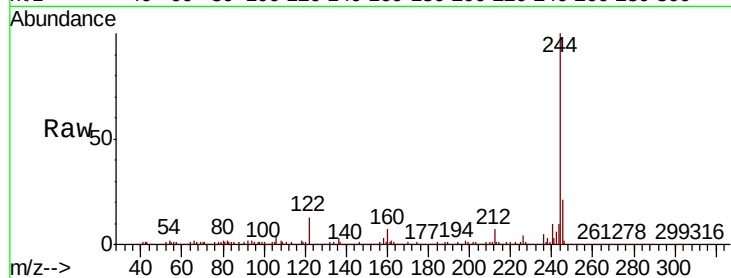




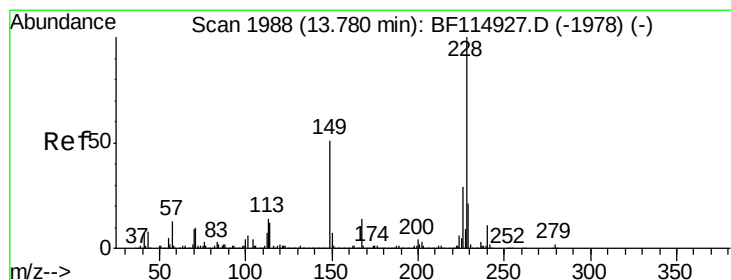
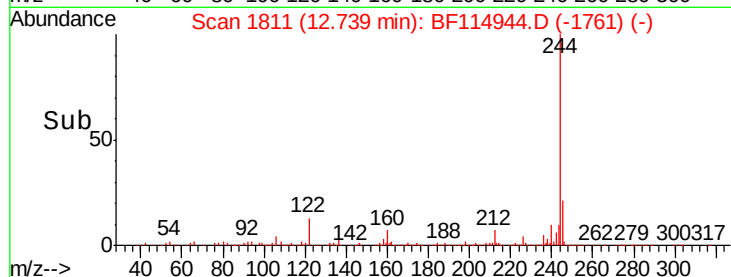
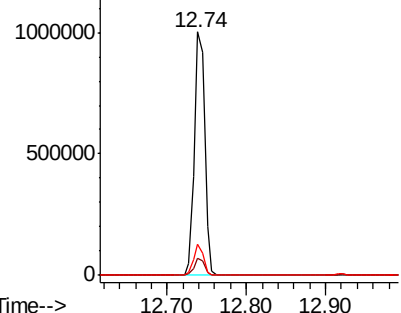
#79  
 Terphenyl-d14  
 Concen: 31.243 ng  
 RT: 12.74 min Scan# 1811  
 Delta R.T. -0.01 min  
 Lab File: BF114944.D  
 Acq: 11 Jun 2019 14:18

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-04-060719-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 6.2   | 9.2   |
| 122     | 13.0  | 10.2  | 15.4  |

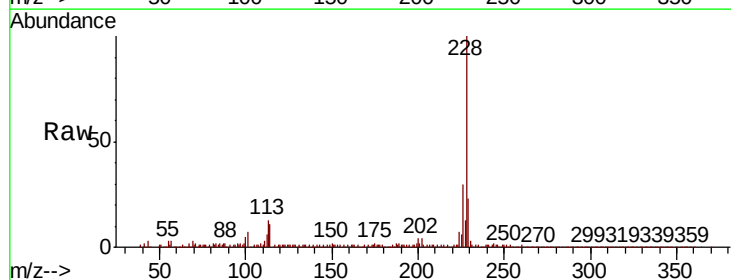


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

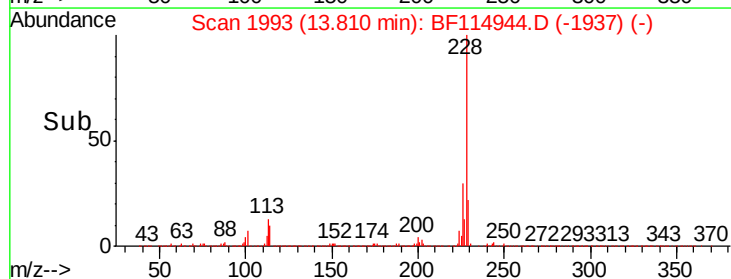
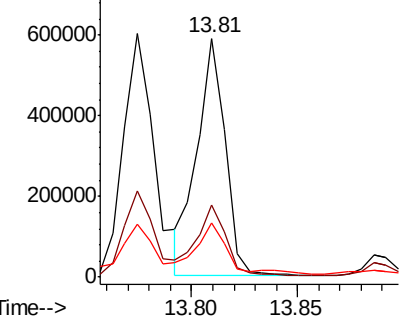


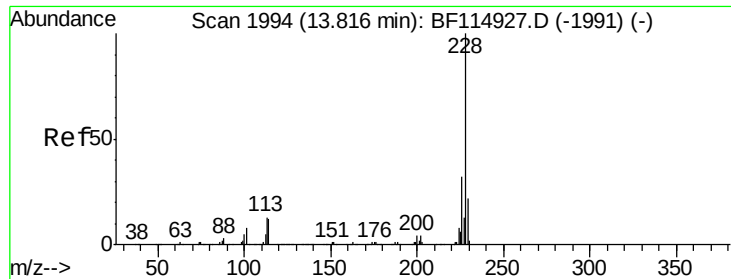
#81  
 Benzo(a)anthracene  
 Concen: 12.652 ng  
 RT: 13.81 min Scan# 1993  
 Delta R.T. 0.03 min  
 Lab File: BF114944.D  
 Acq: 11 Jun 2019 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 22.8  | 34.2  |
| 229     | 22.8  | 16.6  | 25.0  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 12.599 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

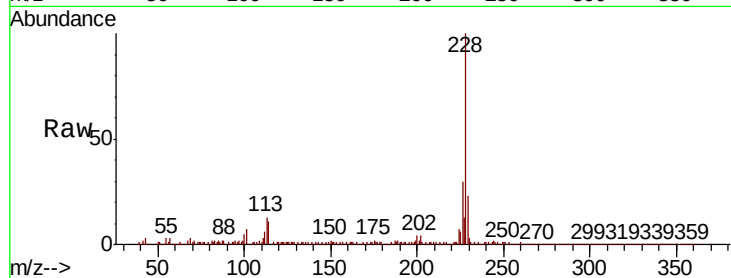
Tot Ion:228 Resp: 548674

Ion Ratio Lower Upper

228 100

226 30.3 25.8 38.8

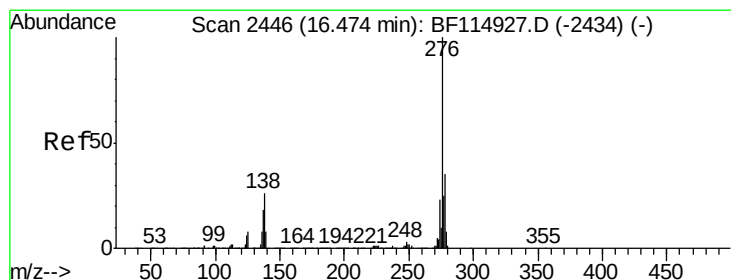
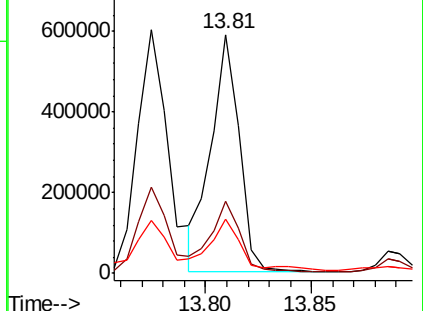
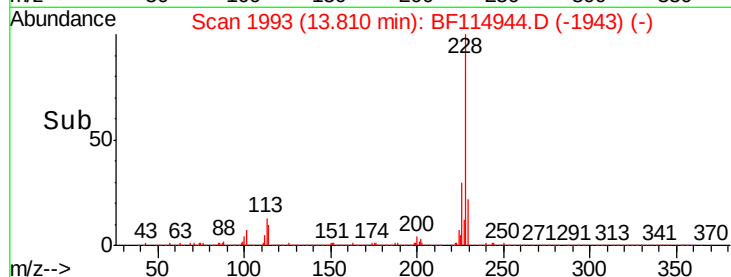
229 22.8 17.2 25.8



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: 5.203 ng

RT: 16.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

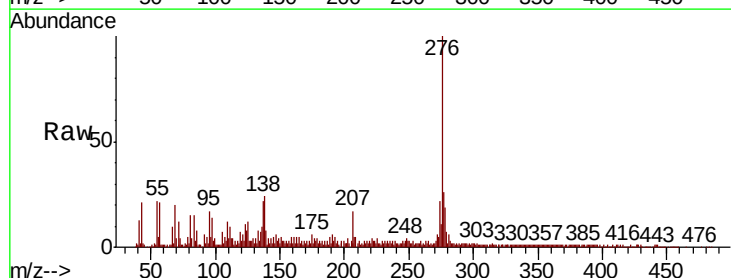
Tgt Ion:276 Resp: 213013

Ion Ratio Lower Upper

276 100

138 25.2 23.3 34.9

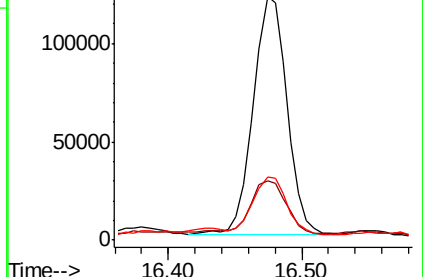
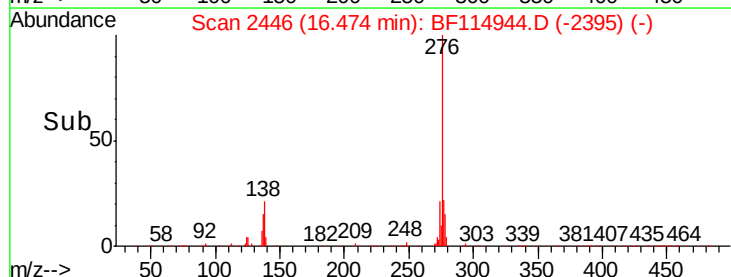
277 24.2 20.5 30.7

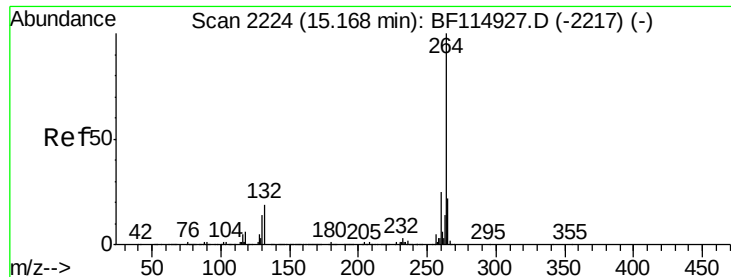


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

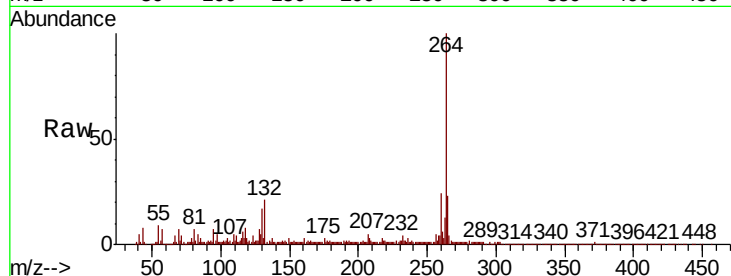
Tot Ion:264 Resp: 512438

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 23.3 17.5 26.3

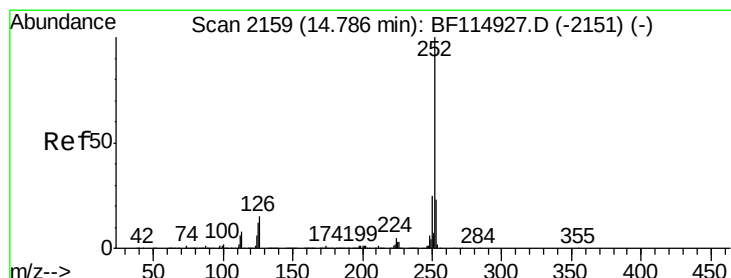
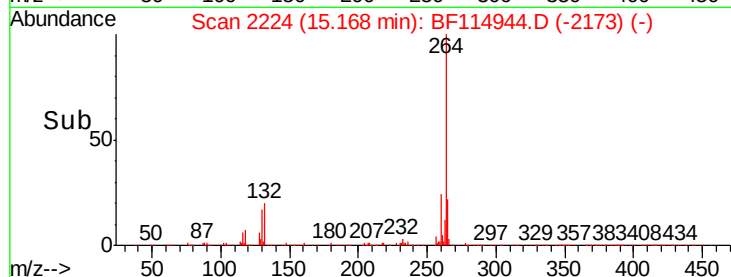
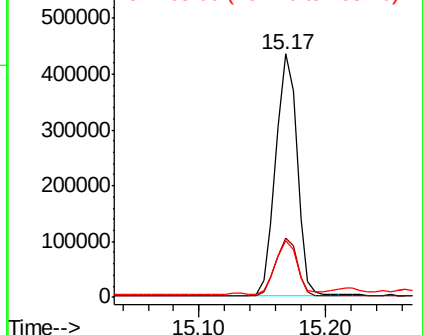


Abundance

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: 25.572 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

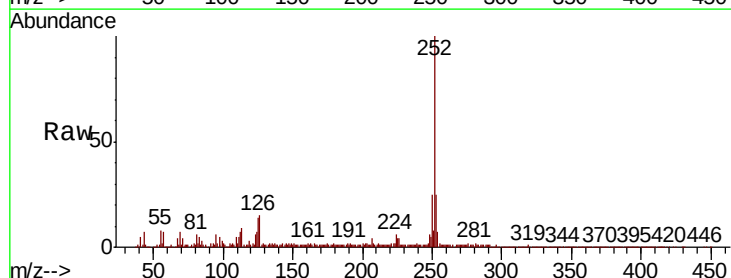
Tgt Ion:252 Resp: 853129

Ion Ratio Lower Upper

252 100

253 24.7 18.6 28.0

125 14.5 9.5 14.3#

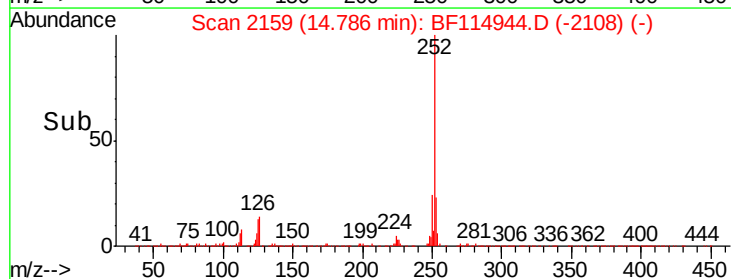
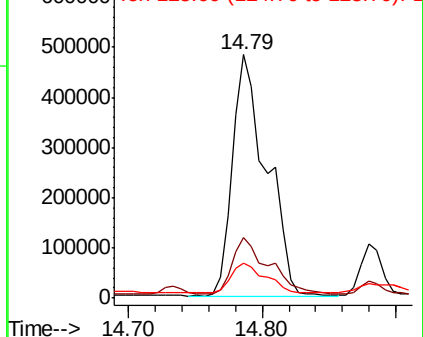


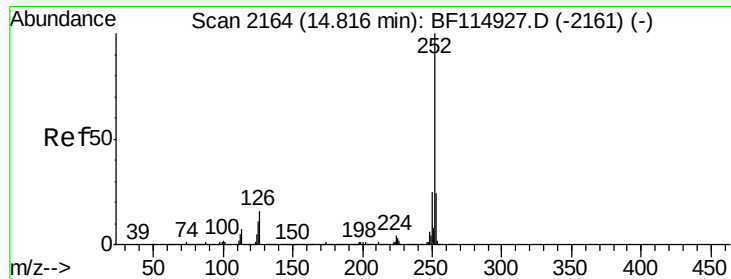
Abundance

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

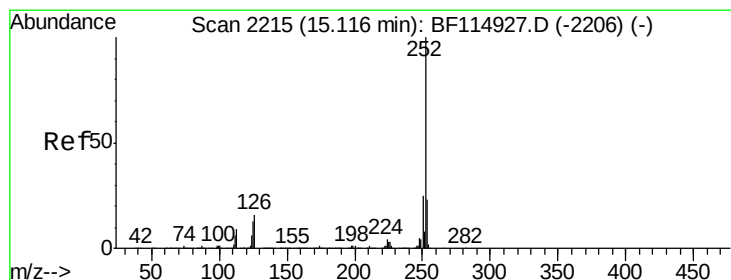
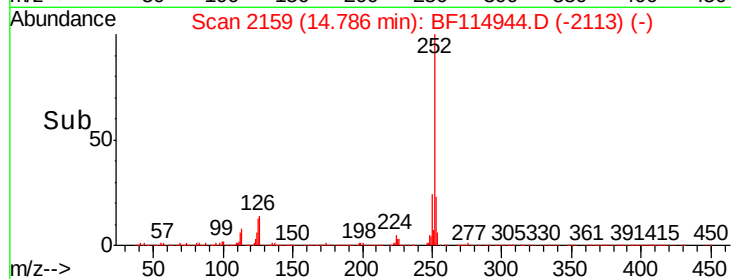
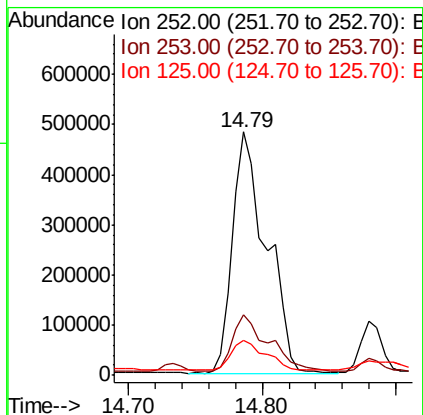
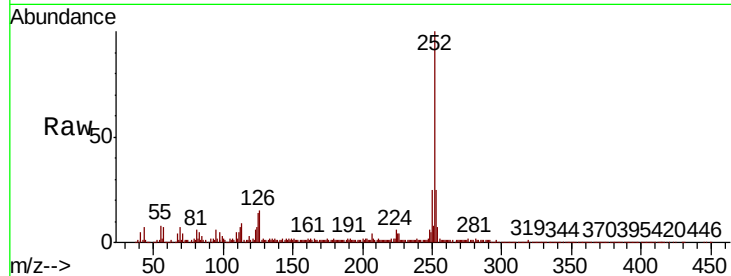




#89  
Benzo(k)fluoranthene  
Concen: 29.466 ng  
RT: 14.79 min Scan# 2159  
Delta R.T. -0.03 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

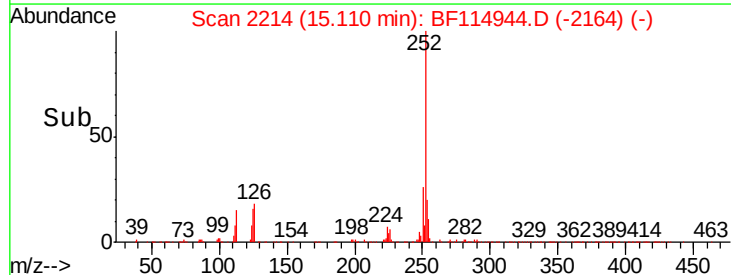
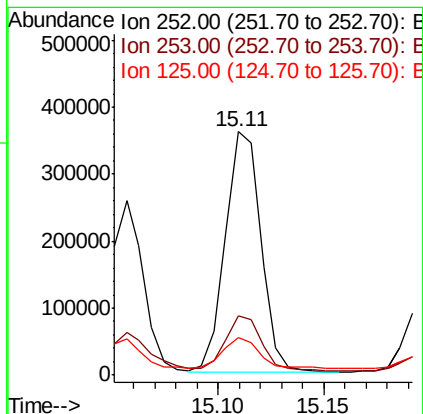
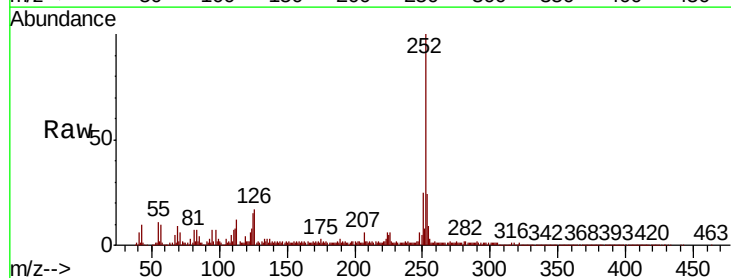
Instrument :  
BNA\_F  
ClientSampleId :  
SU-04-060719-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.7  | 18.6  | 28.0  |
| 125     | 14.5  | 9.2   | 13.8# |

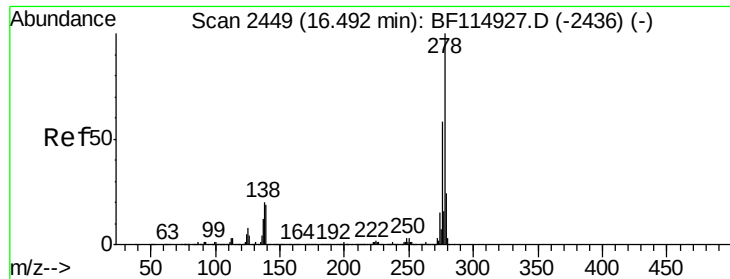


#90  
Benzo(a)pyrene  
Concen: 14.469 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. -0.01 min  
Lab File: BF114944.D  
Acq: 11 Jun 2019 14:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.3  | 18.2  | 27.2  |
| 125     | 15.5  | 10.1  | 15.1# |







#91

Dibenzo(a,h)anthracene

Concen: 2.382 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

Instrument :

BNA\_F

ClientSampleId :

SU-04-060719-A

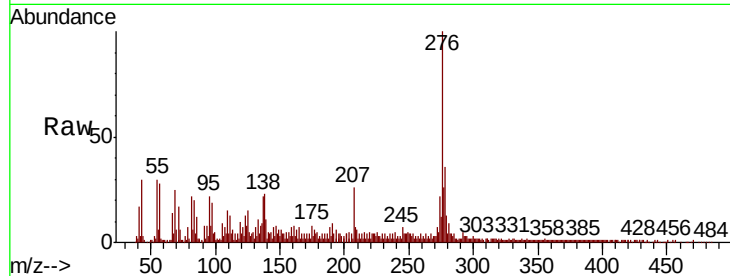
Tot Ion:278 Resp: 58294

Ion Ratio Lower Upper

278 100

139 31.7 15.1 22.7#

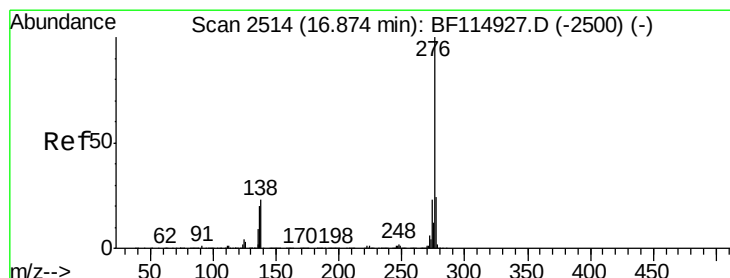
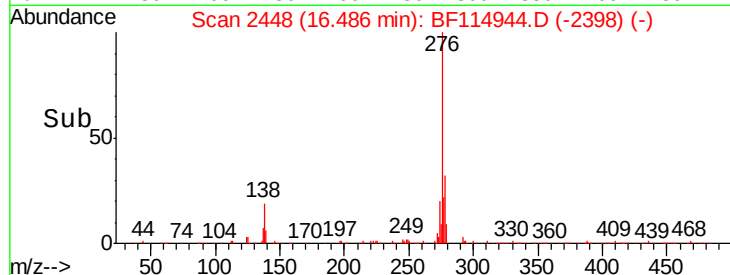
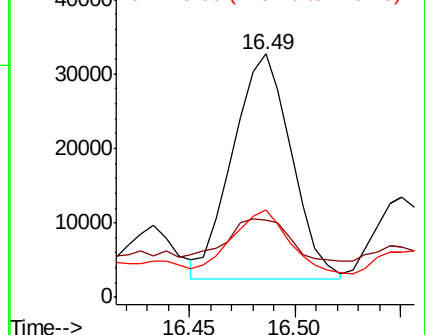
279 35.7 19.6 29.4#



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: 7.758 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF114944.D

Acq: 11 Jun 2019 14:18

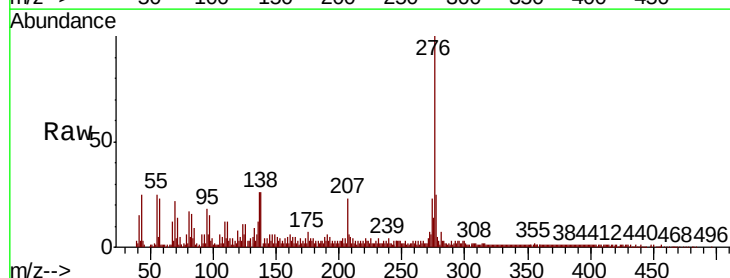
Tgt Ion:276 Resp: 189279

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.6

138 26.1 18.7 28.1



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

