

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\  
 Data File : BF103316.D  
 Acq On : 1 Mar 2018 1:37  
 Operator : SJ/JU  
 Sample : J1720-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 01 02:57:50 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 139634   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 555361   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 198717   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 276308   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 222608   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.56 | 264  | 170843   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

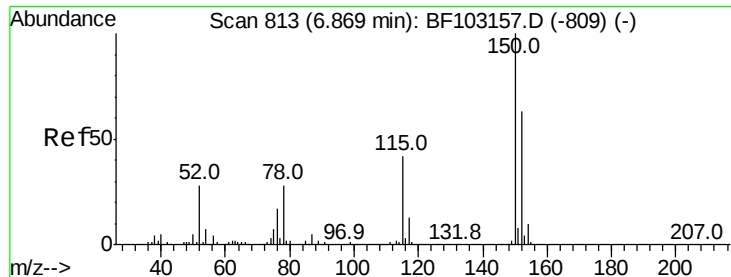
|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 983612  | 106.54 | ng | 0.00 |
| 7) Phenol-d6             | 6.51  | 99  | 1176924 | 104.18 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 751172  | 77.24  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 148315  | 88.18  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1009685 | 88.33  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.99 | 244 | 685672  | 74.04  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |           |    | Qvalue |
|--------------------------------|-------|-----|--------|-----------|----|--------|
| 9) Benzaldehyde                | 6.43  | 77  | 1213   | Below Cal | #  | 1      |
| 19) n-Nitroso-di-n-propylamine | 7.44  | 70  | 103449 | 14.713    | ng | # 81   |
| 25) Isophorone                 | 7.44  | 82  | 751162 | 39.219    | ng | # 64   |
| 49) Dimethylphthalate          | 9.62  | 163 | 103971 | 6.522     | ng | 99     |
| 55) 4-Nitrophenol              | 10.12 | 139 | 6273   | 2.385     | ng | # 19   |
| 56) 2,4-Dinitrotoluene         | 9.92  | 165 | 26880  | 6.353     | ng | # 24   |
| 64) 4,6-Dinitro-2-methylphenol | 10.70 | 198 | 313    | 5.112     | ng | # 1    |
| 66) 4-Bromophenyl-phenylether  | 10.71 | 248 | 10181  | 3.537     | ng | # 1    |
| 70) Phenanthrene               | 11.43 | 178 | 170596 | 11.219    | ng | 99     |
| 71) Anthracene                 | 11.48 | 178 | 55243  | 3.543     | ng | 100    |
| 74) Fluoranthene               | 12.62 | 202 | 374548 | 24.512    | ng | 97     |
| 77) Pyrene                     | 12.86 | 202 | 391965 | 22.584    | ng | 99     |
| 80) Benzo(a)anthracene         | 14.04 | 228 | 216199 | 14.968    | ng | 98     |
| 82) Chrysene                   | 14.09 | 228 | 202125 | 14.412    | ng | 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.09 | 276 | 72029  | 6.487     | ng | 96     |
| 87) Benzo(b)fluoranthene       | 15.12 | 252 | 288001 | 25.639    | ng | # 90   |
| 88) Benzo(k)fluoranthene       | 15.12 | 252 | 288001 | 27.228    | ng | # 93   |
| 89) Benzo(a)pyrene             | 15.50 | 252 | 141713 | 14.128    | ng | # 92   |
| 90) Dibenzo(a,h)anthracene     | 17.09 | 278 | 20105  | 2.594     | ng | # 66   |
| 91) Benzo(a,h,i)perylene       | 17.56 | 276 | 69989  | 9.239     | ng | 95     |

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



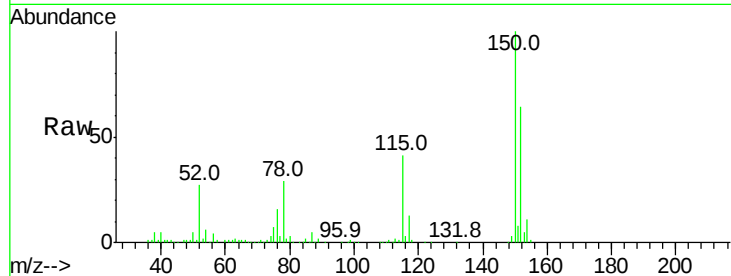


#1

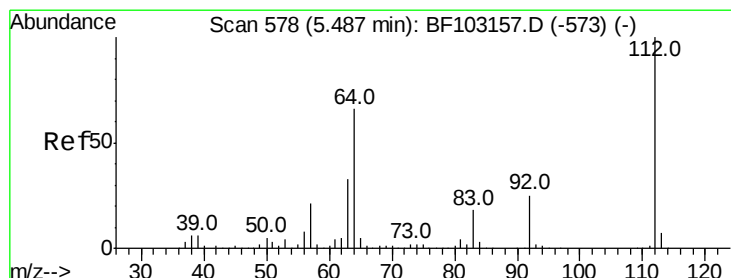
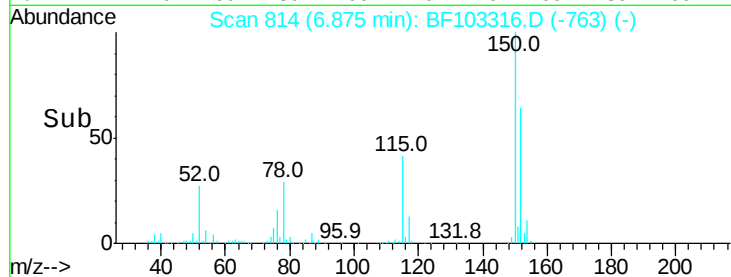
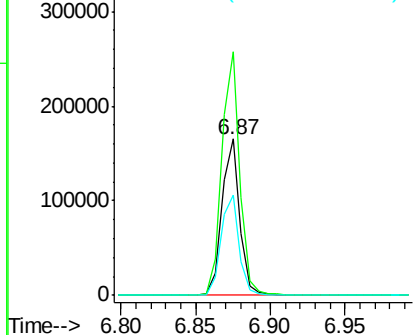
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 139634  
Ion Ratio Lower Upper  
152 100  
150 155.6 124.6 186.8  
115 64.1 50.1 75.1



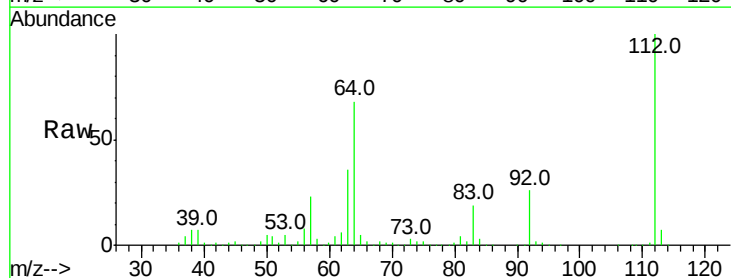
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



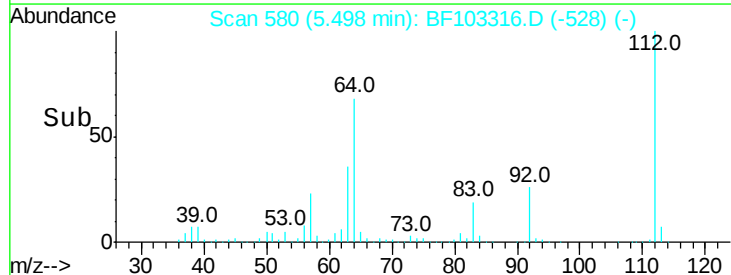
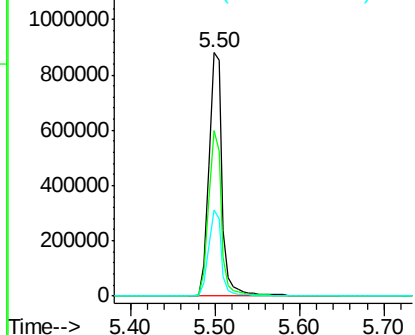
#5

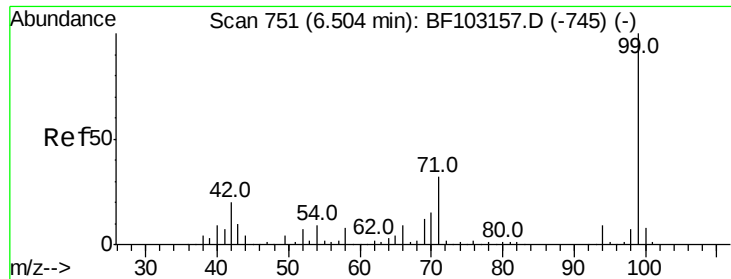
2-Fluorophenol  
Concen: 106.539 ng  
RT: 5.50 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Tgt Ion:112 Resp: 983612  
Ion Ratio Lower Upper  
112 100  
64 68.1 47.9 71.9  
63 35.6 23.7 35.5#



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: 104.178 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampled :

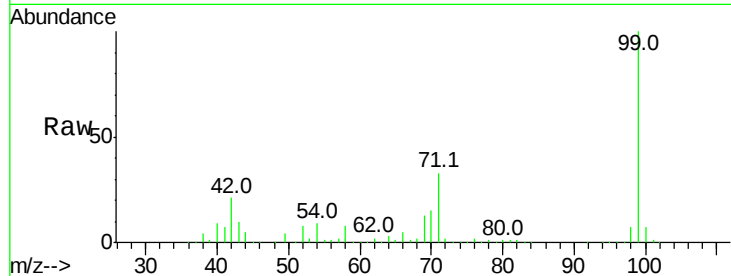
Tot Ion: 99 Resp: 1176924

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

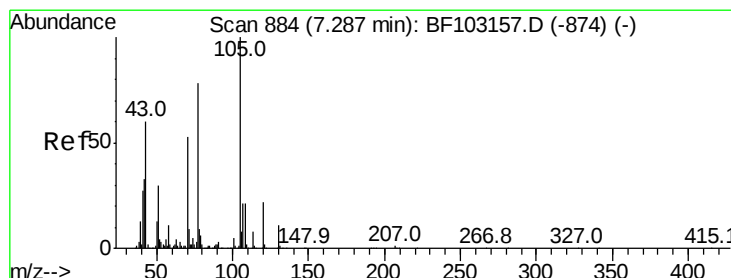
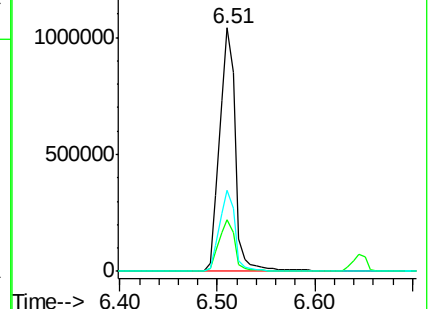
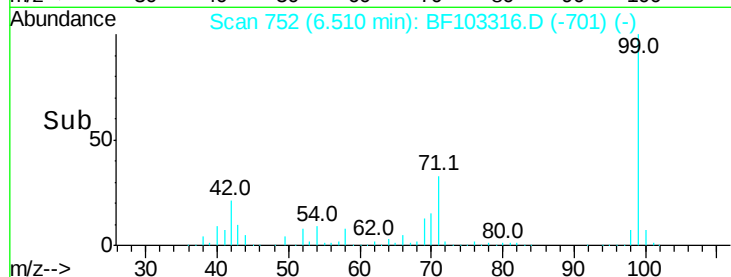
71 33.5 25.4 38.0



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: 14.713 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Tgt Ion: 70 Resp: 103449

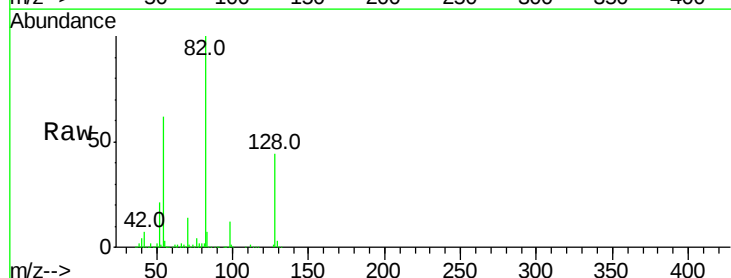
Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

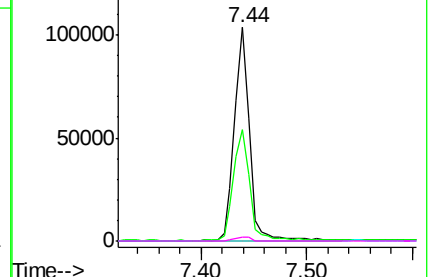
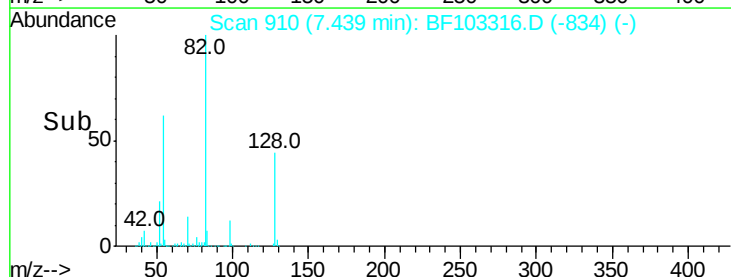


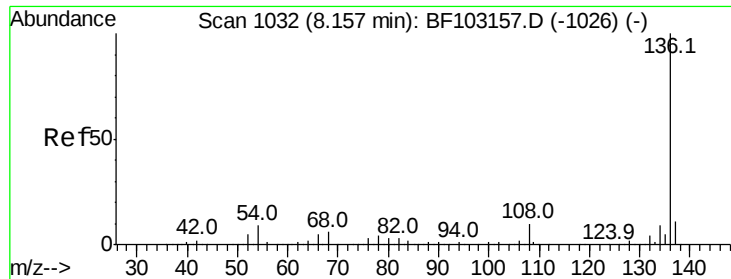
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

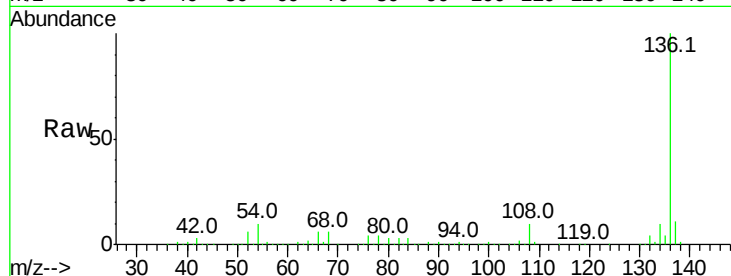




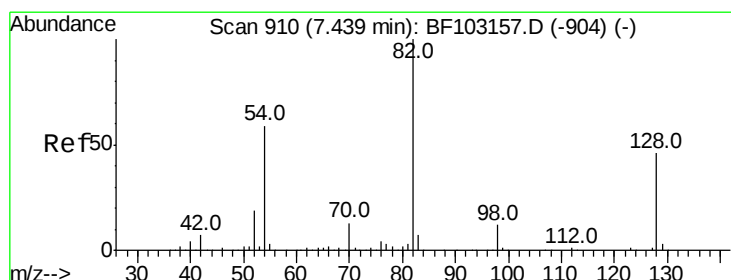
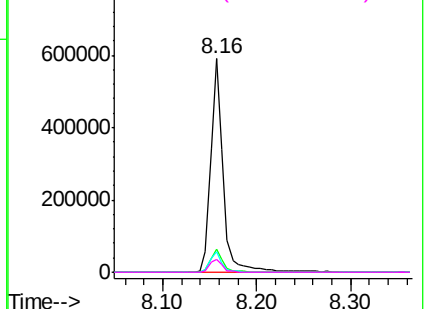
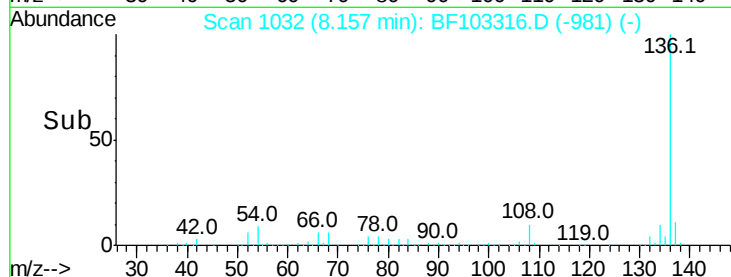
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 555361   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 9.5   | 6.6 9.8  |
| 68          | 6.3   | 5.0 7.4  |

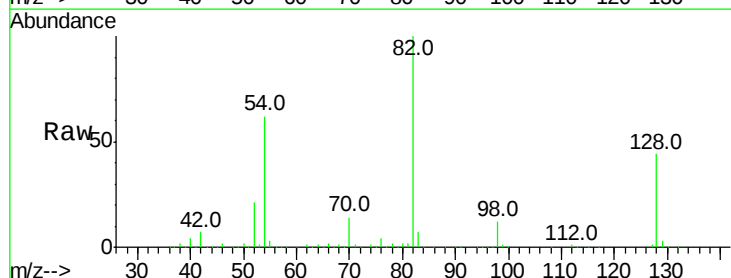


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

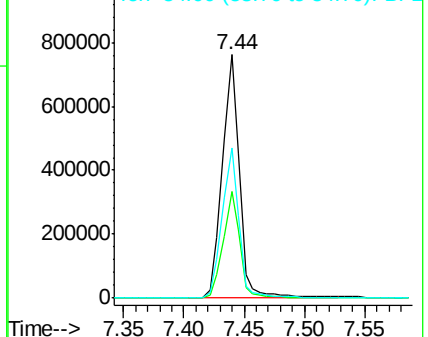
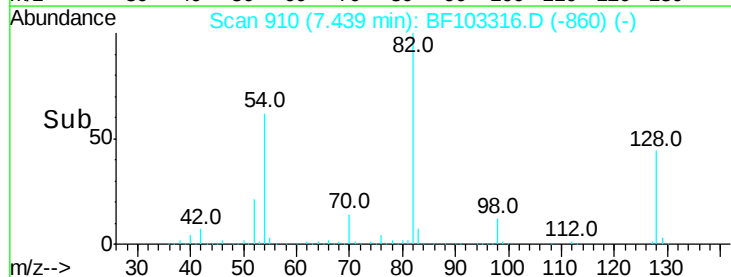


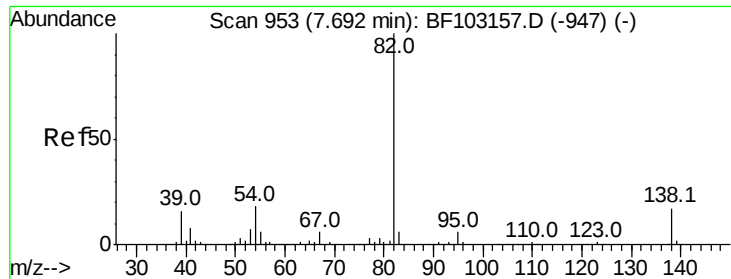
#23  
Nitrobenzene-d5  
Concen: 77.244 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 751172    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 43.9  | 36.1 54.1 |
| 54          | 61.6  | 41.4 62.2 |



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

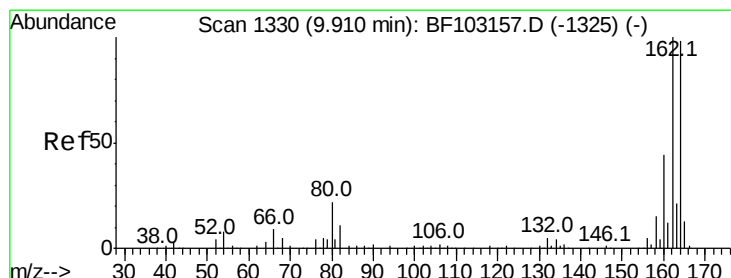
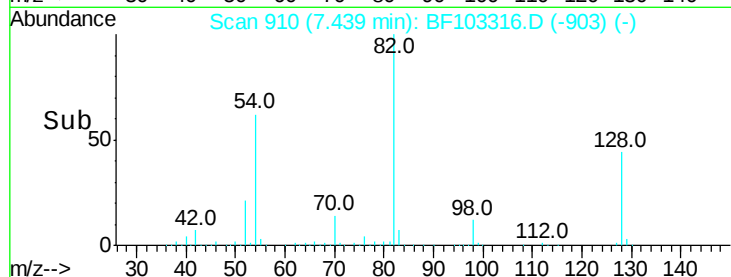
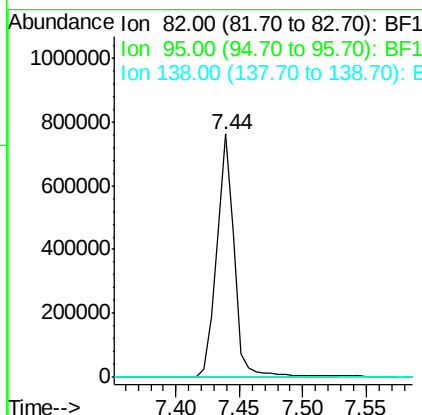
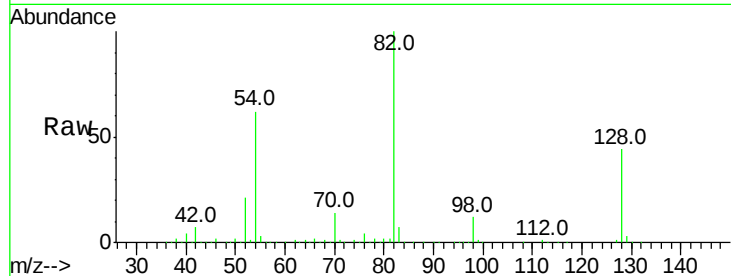




#25  
Isophorone  
Concen: 39.219 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.26 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

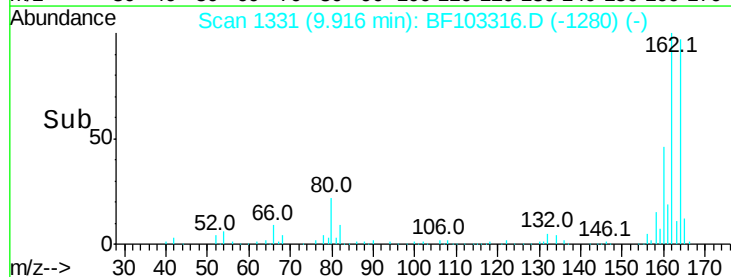
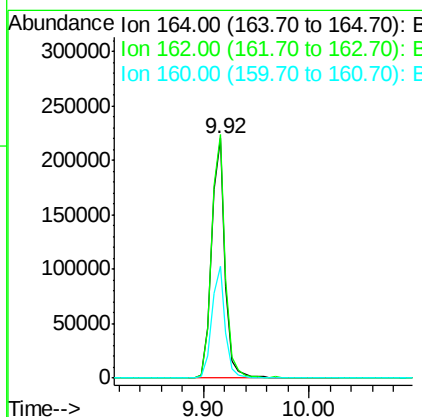
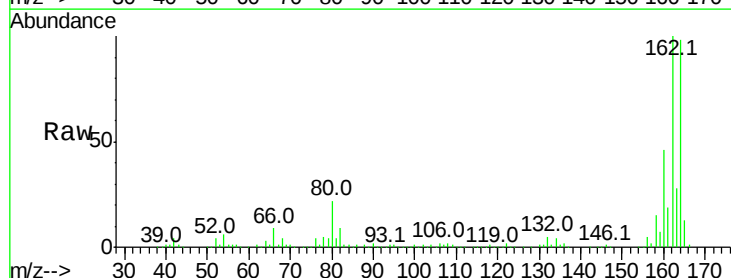
Instrument :  
BNA\_F  
ClientSampleId :

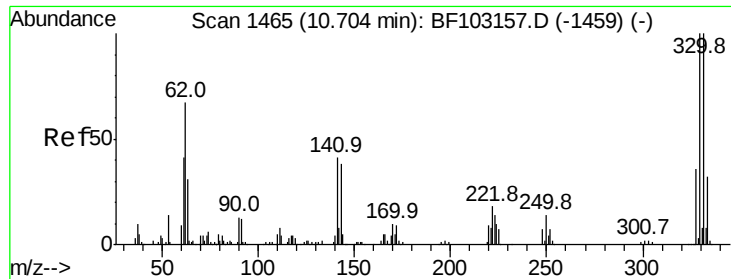
Tot Ion: 82 Resp: 751162  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.2 7.8#  
138 0.0 14.9 22.3#



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.00 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Tgt Ion:164 Resp: 198717  
Ion Ratio Lower Upper  
164 100  
162 101.6 86.1 129.1  
160 46.5 38.3 57.5

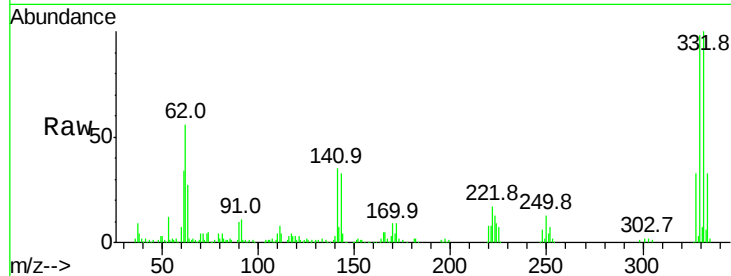




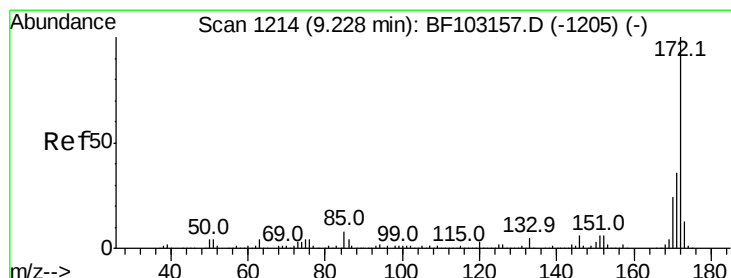
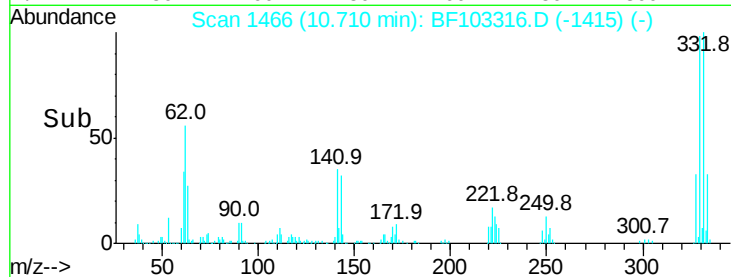
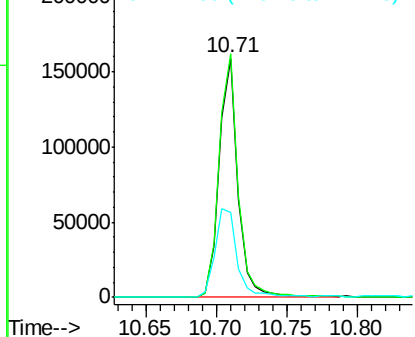
#41  
 2,4,6-Tribromophenol  
 Concen: 88.176 ng  
 RT: 10.71 min Scan# 1466  
 Delta R.T. -0.00 min  
 Lab File: BF103316.D  
 Acq: 1 Mar 2018 1:37

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:330 Resp: 148315  
 Ion Ratio Lower Upper  
 330 100  
 332 104.3 77.0 115.6  
 141 43.0 29.9 44.9

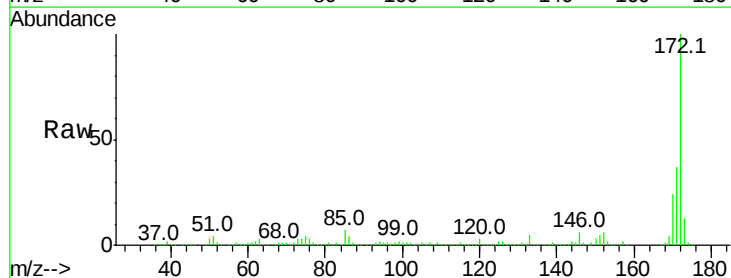


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

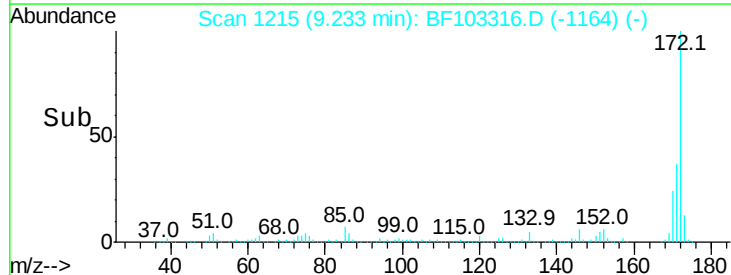
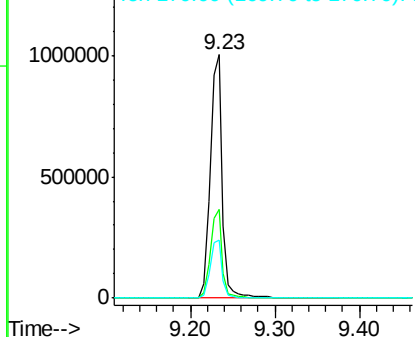


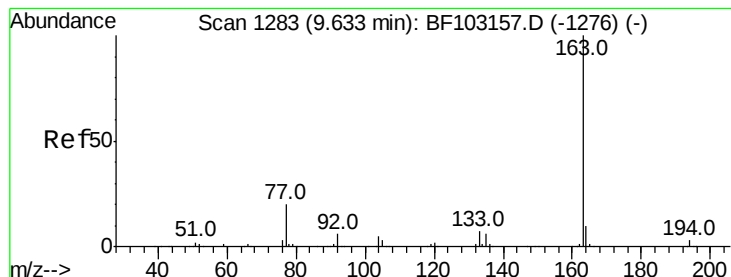
#44  
 2-Fluorobiphenyl  
 Concen: 88.330 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. -0.00 min  
 Lab File: BF103316.D  
 Acq: 1 Mar 2018 1:37

Tgt Ion:172 Resp: 1009685  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.7 44.5  
 170 23.9 19.6 29.4



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

Dimethylphthalate

Concen: 6.522 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

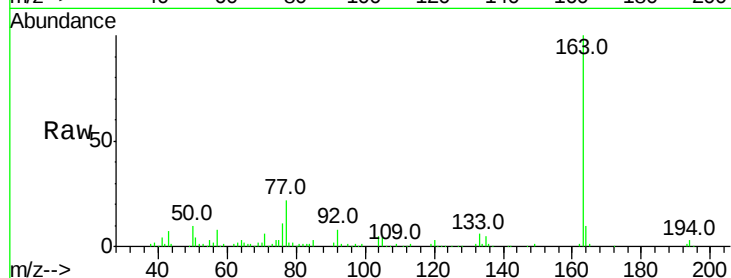
Tot Ion:163 Resp: 103971

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

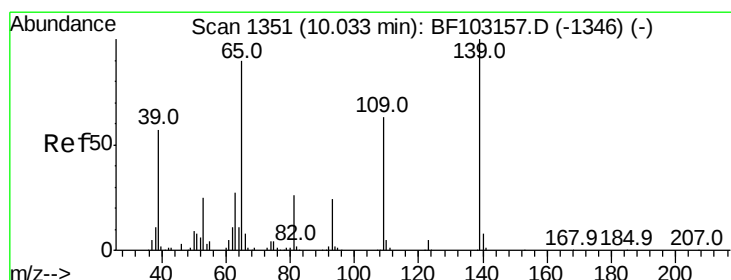
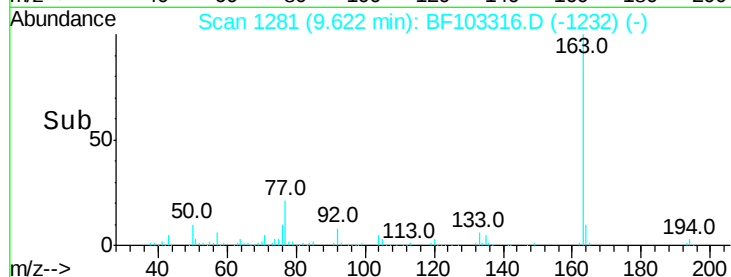
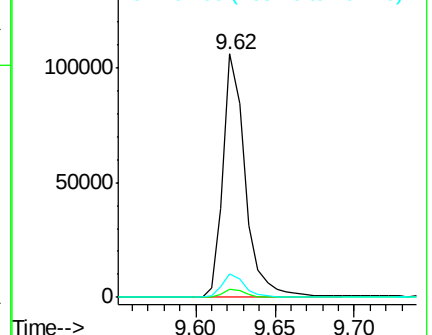
164 9.6 8.2 12.2



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



#55

4-Nitrophenol

Concen: 2.385 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.08 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

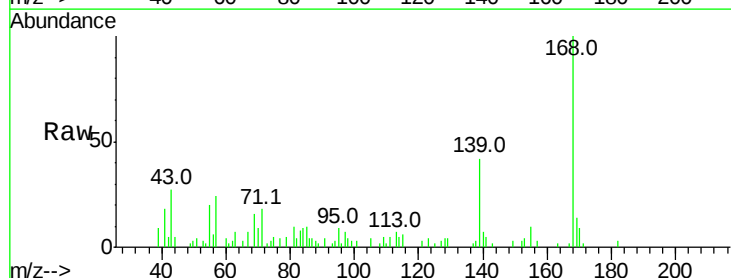
Tgt Ion:139 Resp: 6273

Ion Ratio Lower Upper

139 100

109 11.0 48.4 88.4#

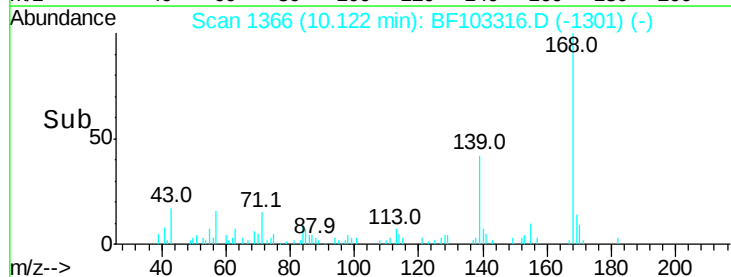
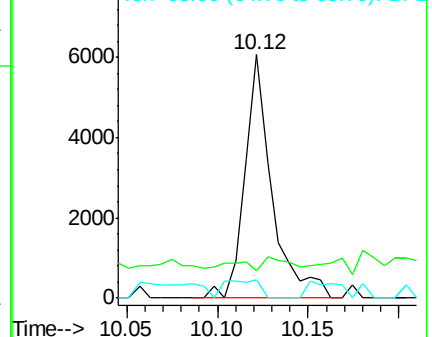
65 7.3 72.6 112.6#

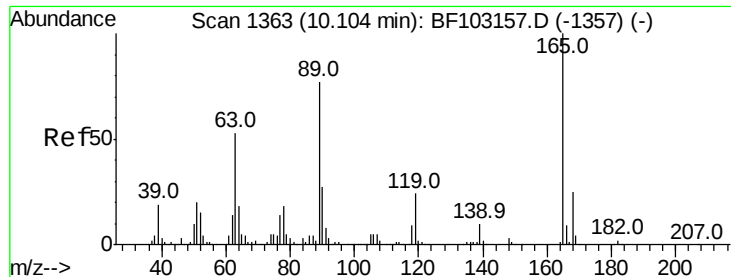


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

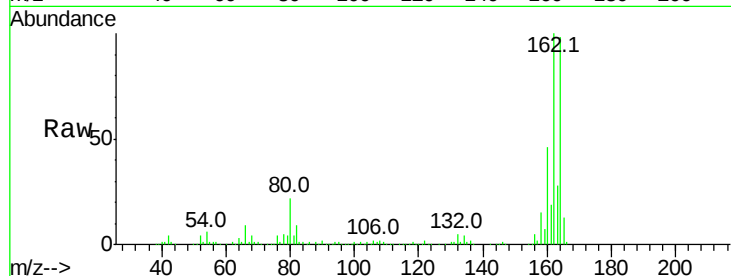




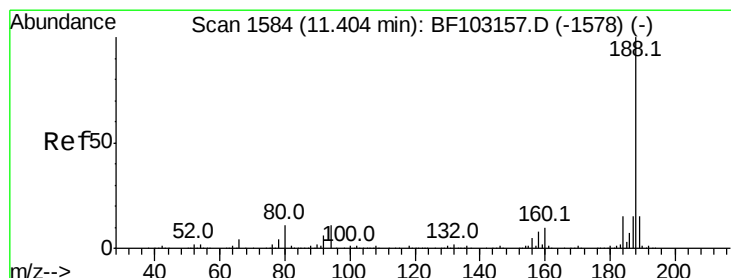
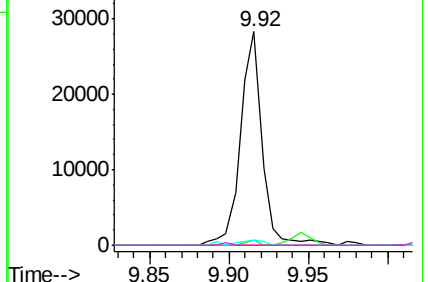
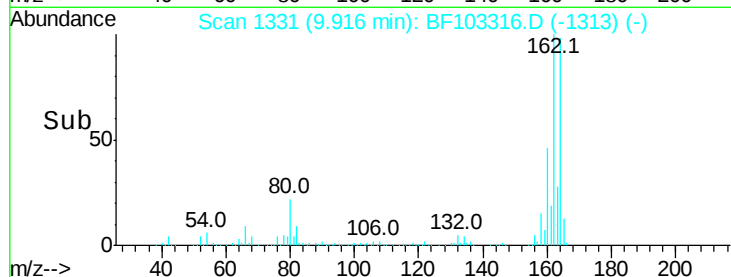
#56  
2,4-Dinitrotoluene  
Concen: 6.353 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.19 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 26880  
Ion Ratio Lower Upper  
165 100  
63 2.3 36.4 54.6#  
89 2.2 57.8 86.6#  
182 0.0 1.6 2.4#

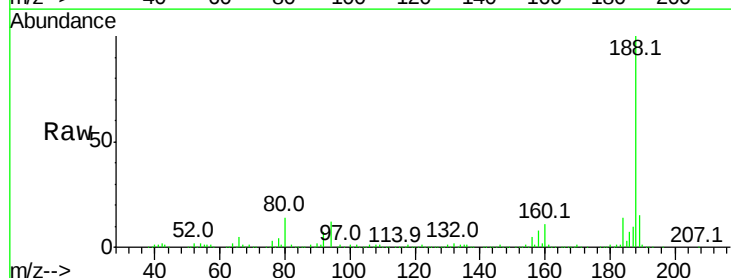


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

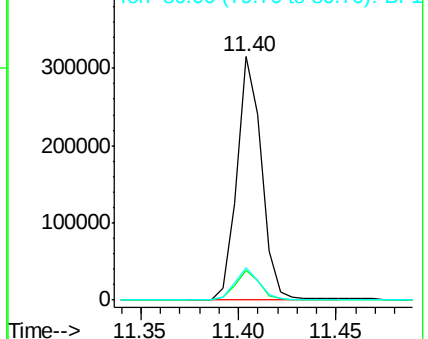
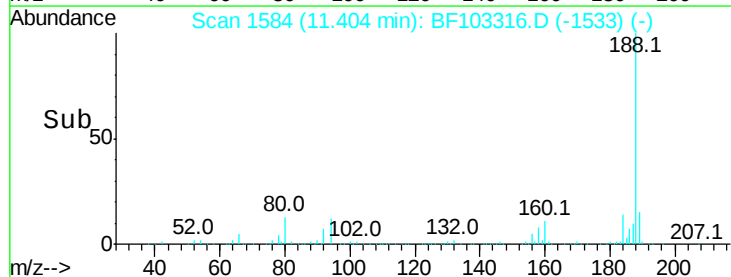


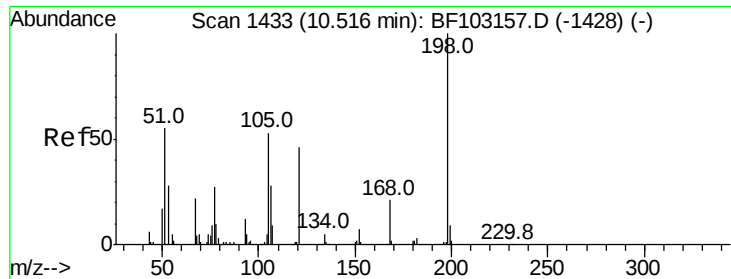
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.00 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Tgt Ion:188 Resp: 276308  
Ion Ratio Lower Upper  
188 100  
94 12.4 8.5 12.7  
80 13.5 9.2 13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.112 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

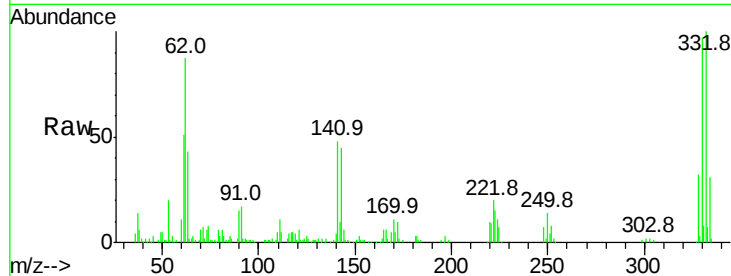
Tot Ion:198 Resp: 313

Ion Ratio Lower Upper

198 100

51 250.8 37.7 77.7#

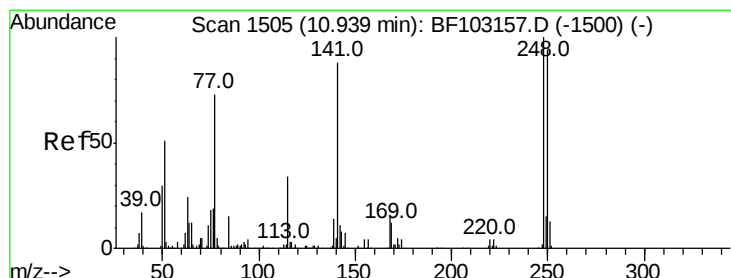
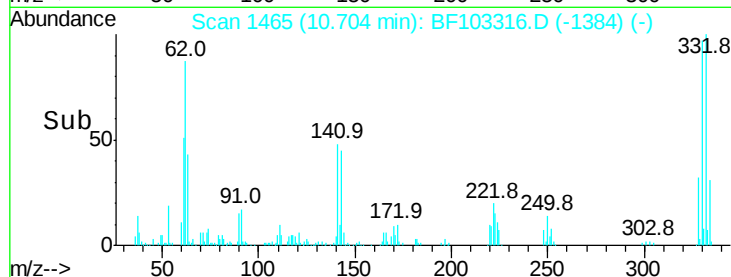
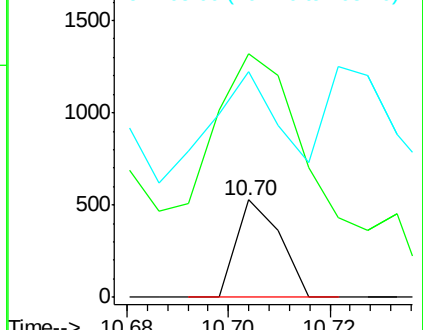
105 231.9 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 3.537 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

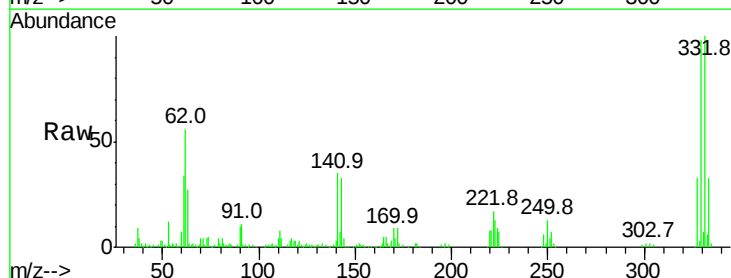
Tgt Ion:248 Resp: 10181

Ion Ratio Lower Upper

248 100

250 206.9 76.9 115.3#

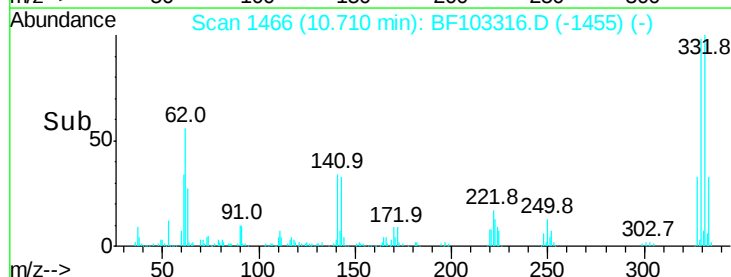
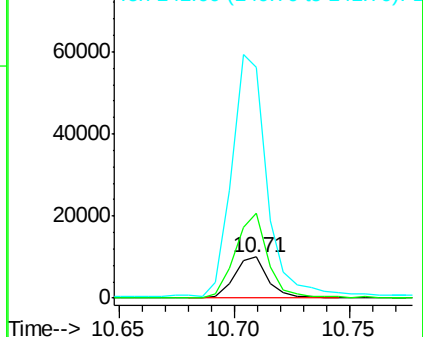
141 564.7 74.4 111.6#

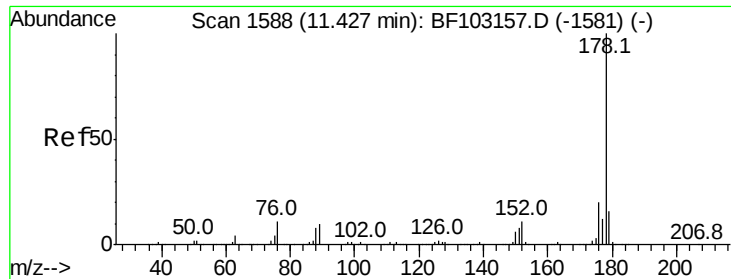


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 11.219 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampled :

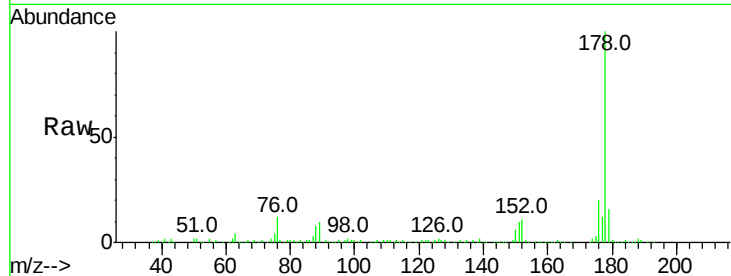
Tot Ion:178 Resp: 170596

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

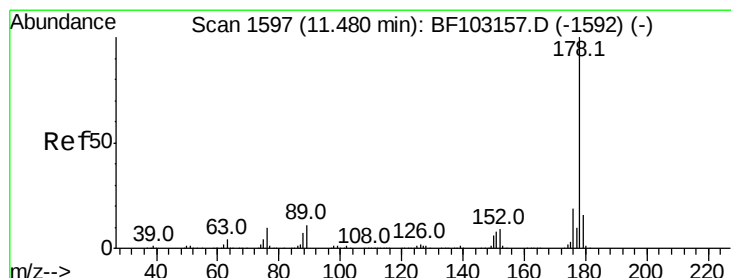
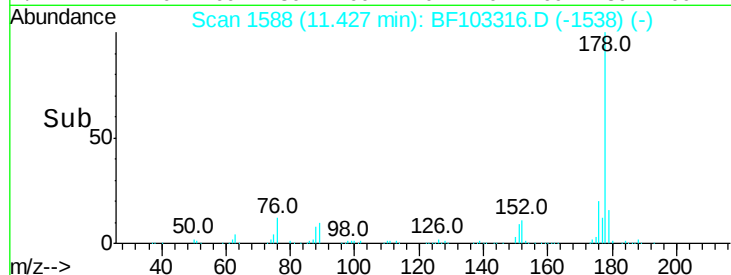
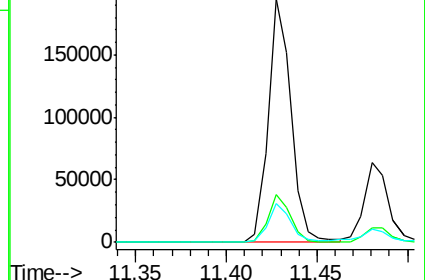
179 15.7 13.0 19.6



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



#71

Anthracene

Concen: 3.543 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

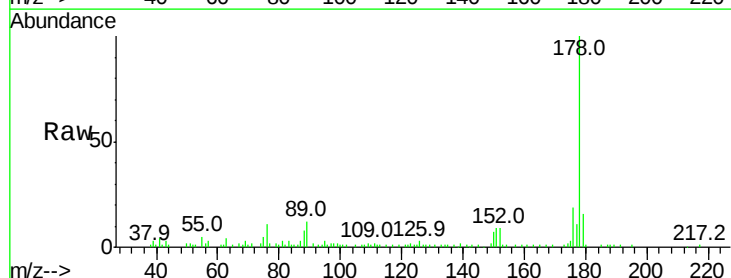
Tgt Ion:178 Resp: 55243

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

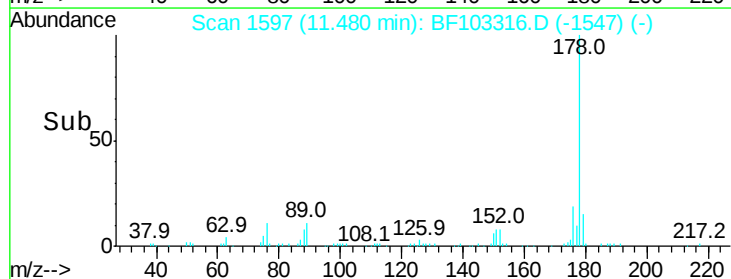
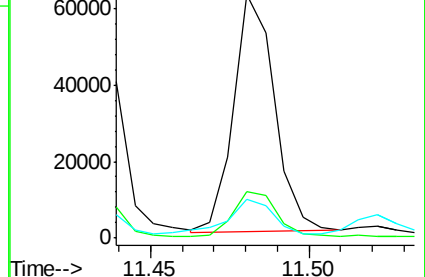
179 15.8 12.6 19.0

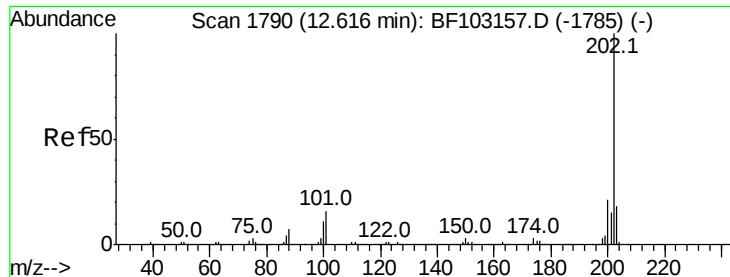


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 24.512 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

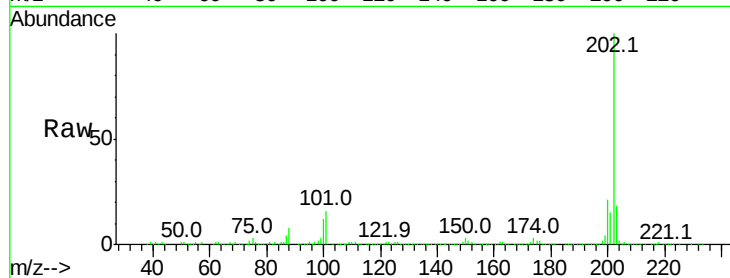
Tot Ion:202 Resp: 374548

Ion Ratio Lower Upper

202 100

101 16.1 0.0 34.1

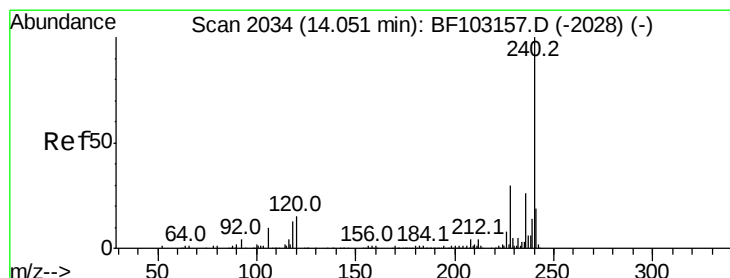
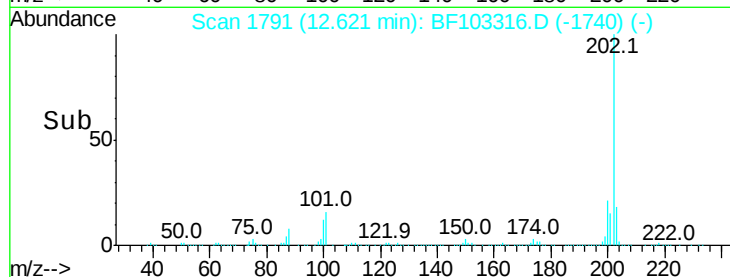
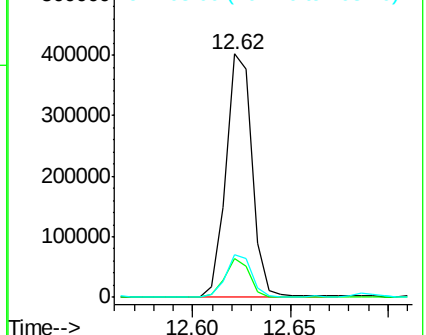
203 17.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

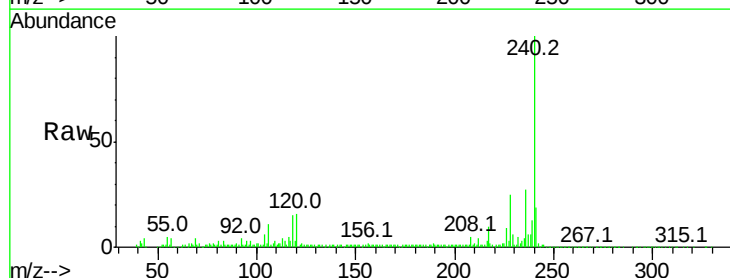
Tgt Ion:240 Resp: 222608

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

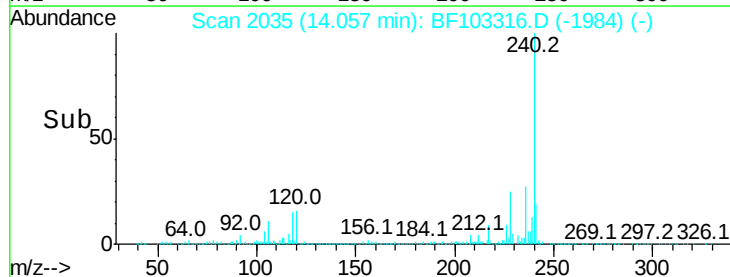
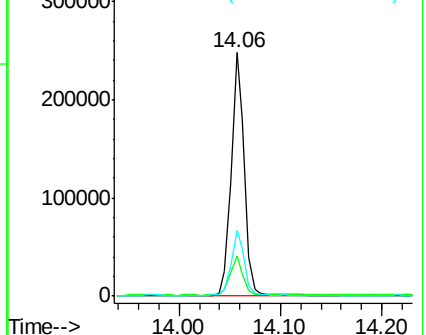
236 27.1 20.7 31.1

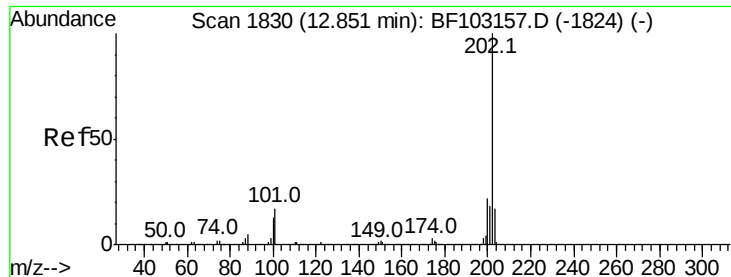


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 22.584 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

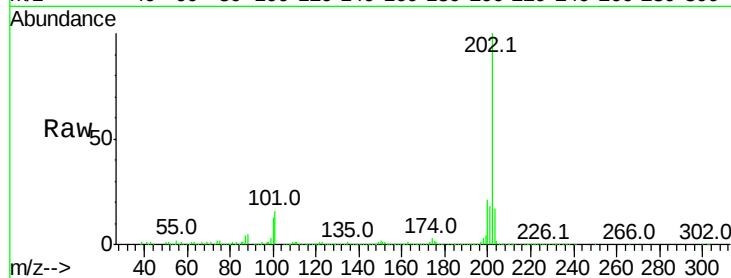
Tot Ion:202 Resp: 391965

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

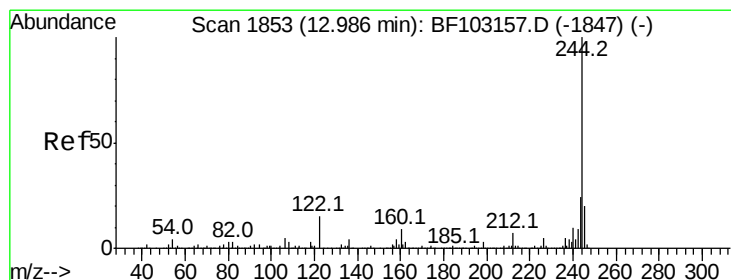
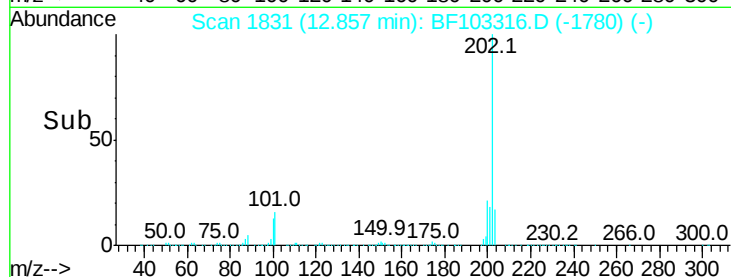
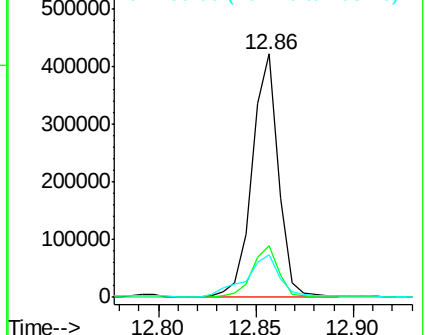
203 17.4 14.3 21.5



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



#78

Terphenyl-d14

Concen: 74.043 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

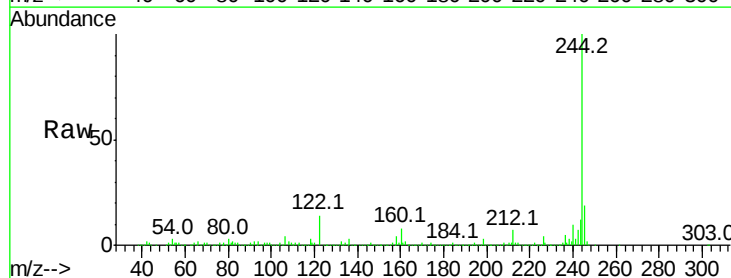
Tgt Ion:244 Resp: 685672

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

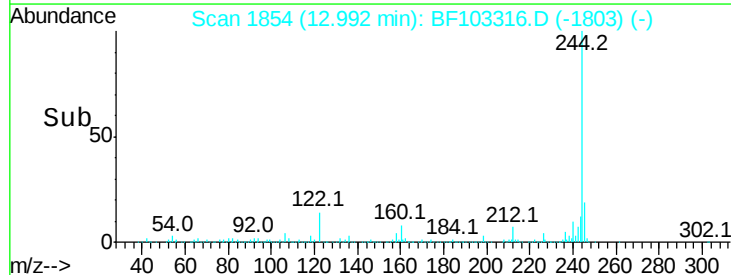
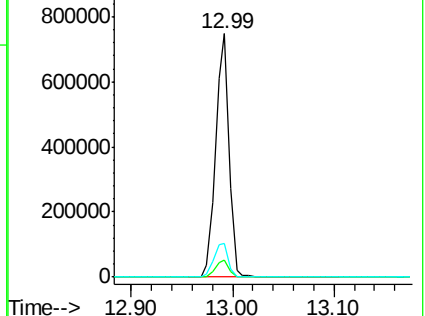
122 13.7 11.0 16.4

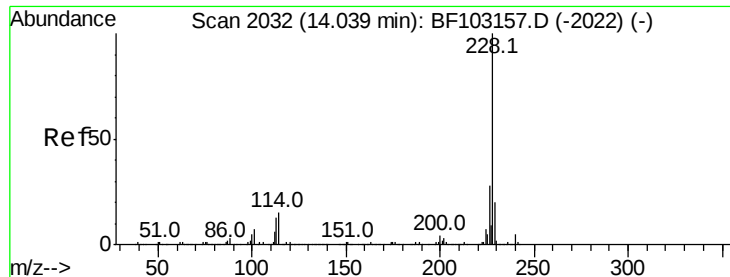


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 14.968 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

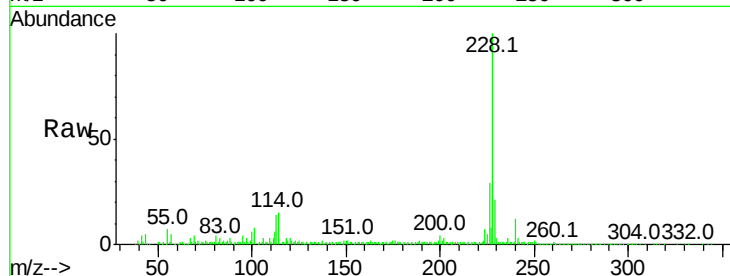
Tot Ion:228 Resp: 216199

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

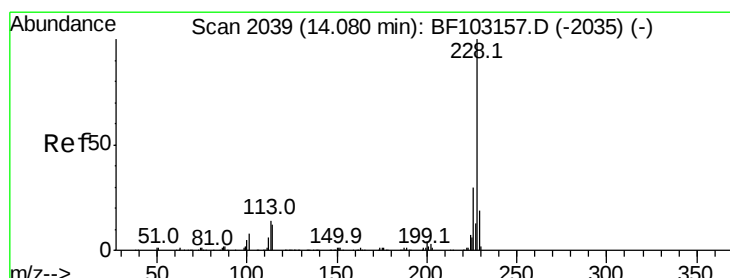
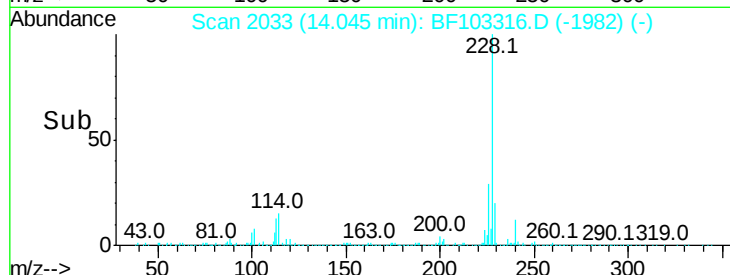
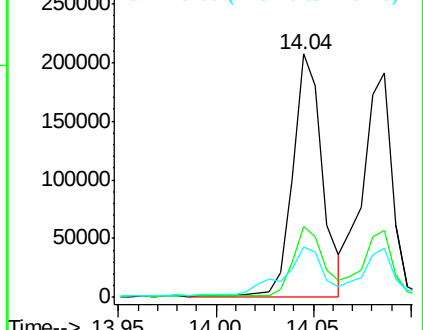
229 20.7 15.8 23.6



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



#82

Chrysene

Concen: 14.412 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

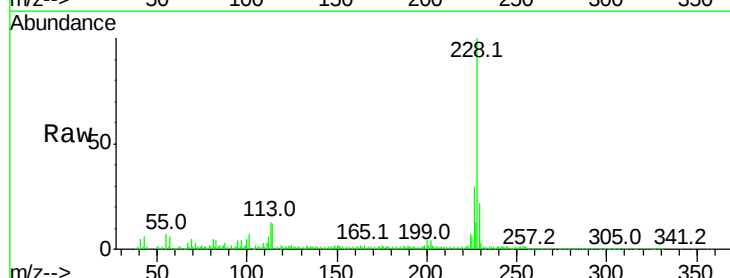
Tgt Ion:228 Resp: 202125

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

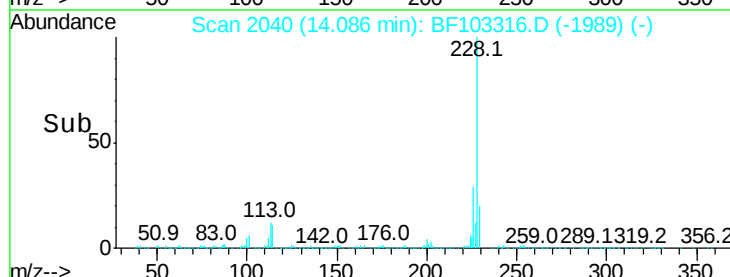
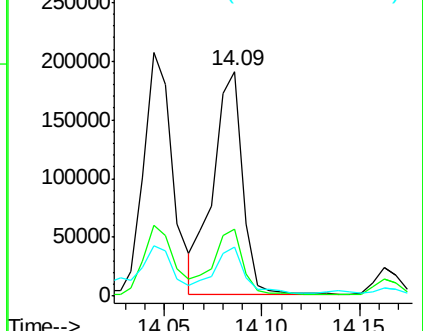
229 21.7 16.2 24.4

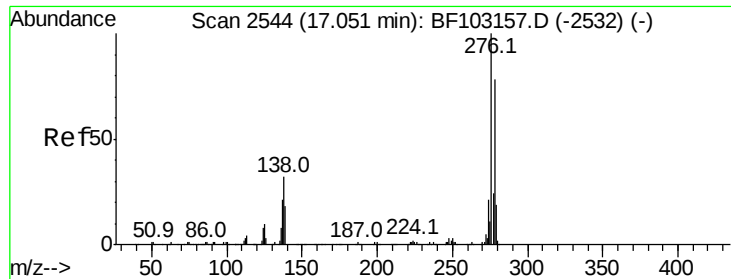


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

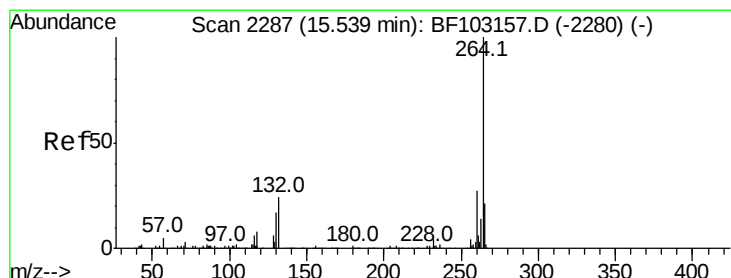
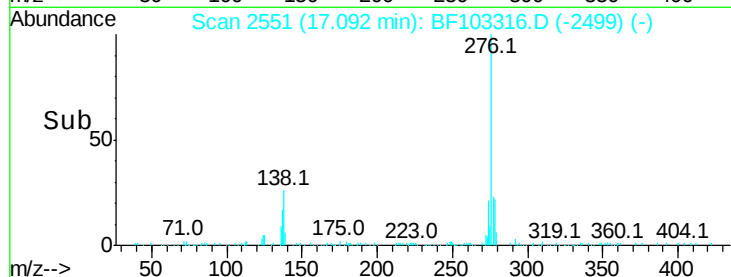
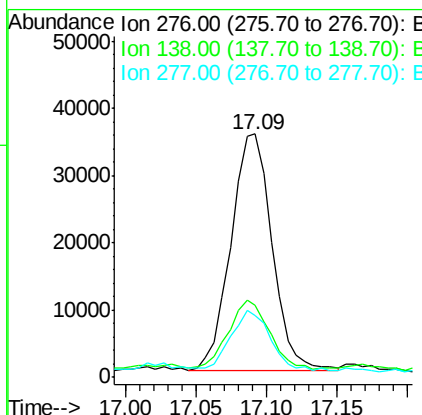
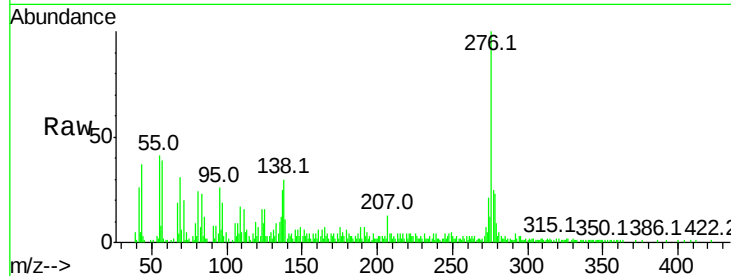




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 6.487 ng  
RT: 17.09 min Scan# 2551  
Delta R.T. 0.01 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

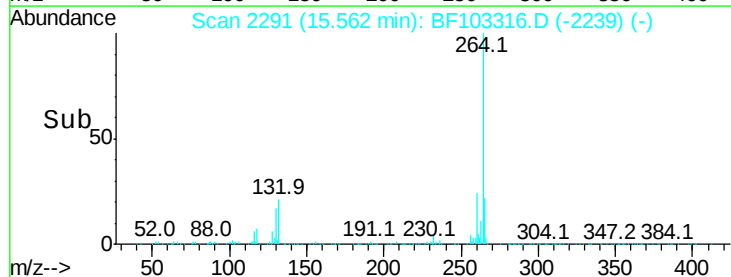
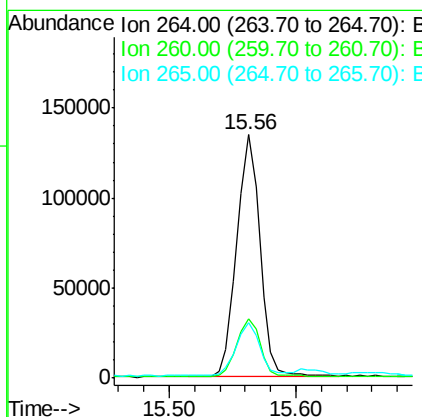
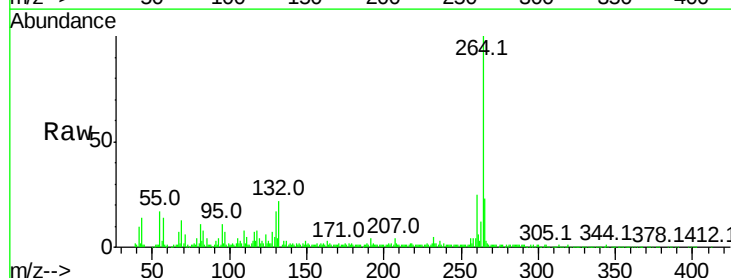
Instrument :  
BNA\_F  
ClientSampled :

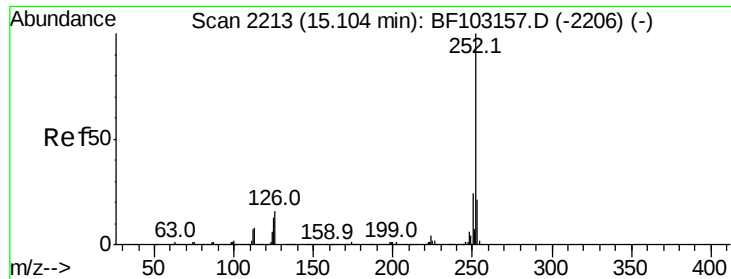
Tot Ion:276 Resp: 72029  
Ion Ratio Lower Upper  
276 100  
138 28.3 25.0 37.6  
277 23.9 20.1 30.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2291  
Delta R.T. 0.01 min  
Lab File: BF103316.D  
Acq: 1 Mar 2018 1:37

Tgt Ion:264 Resp: 170843  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.2 28.8  
265 22.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 25.639 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

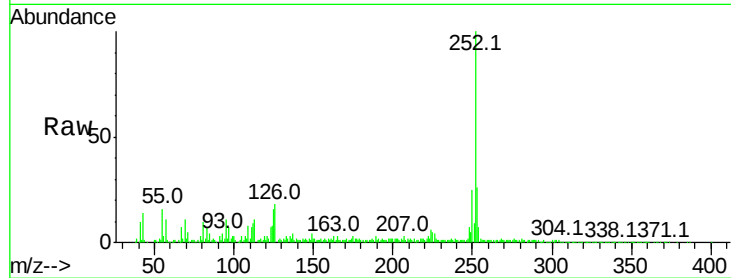
Tot Ion:252 Resp: 288001

Ion Ratio Lower Upper

252 100

253 25.7 17.0 25.6#

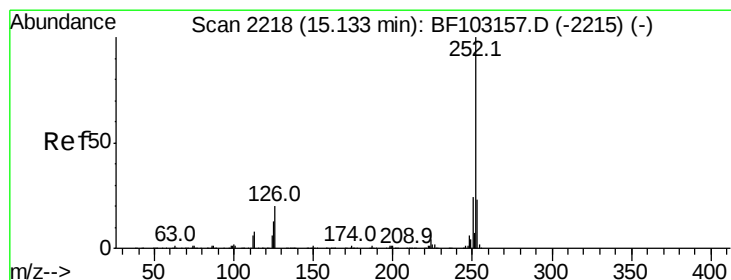
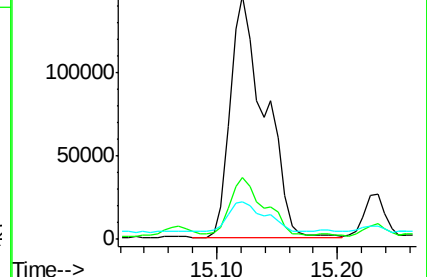
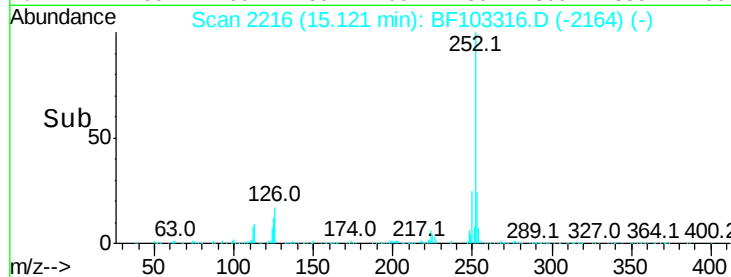
125 15.7 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 27.228 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.03 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

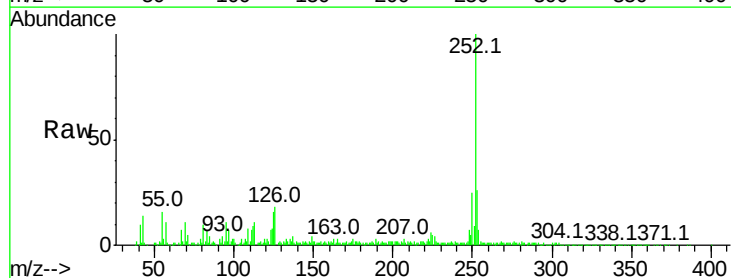
Tgt Ion:252 Resp: 288001

Ion Ratio Lower Upper

252 100

253 25.7 17.9 26.9

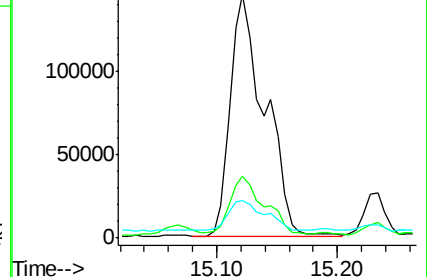
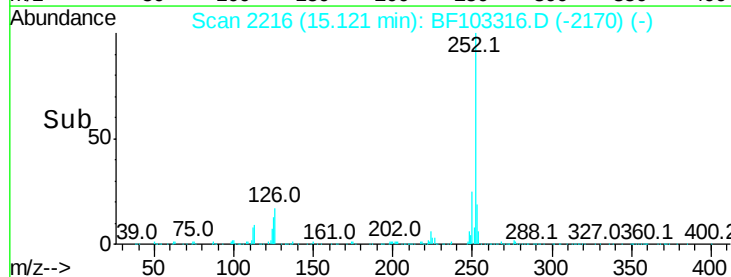
125 15.7 10.2 15.2#

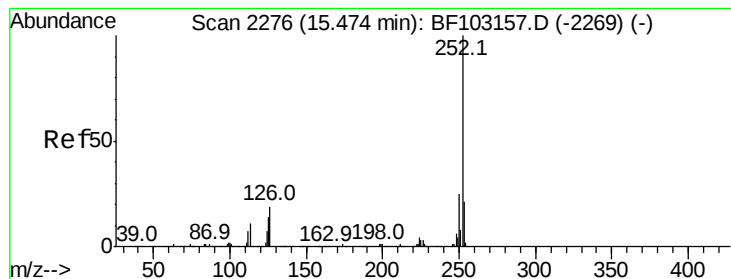


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.128 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

Instrument :

BNA\_F

ClientSampleId :

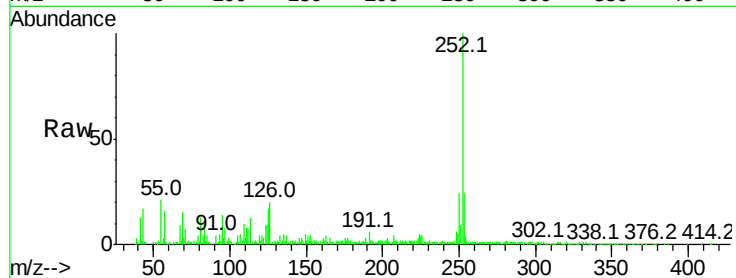
Tot Ion:252 Resp: 141713

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

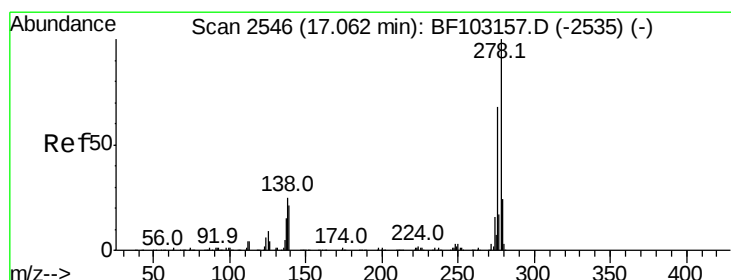
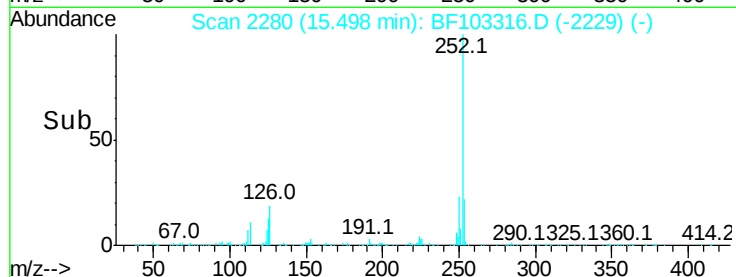
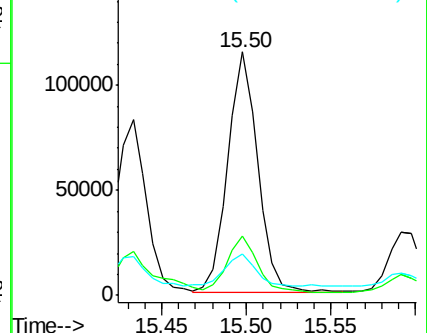
125 16.9 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.594 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BF103316.D

Acq: 1 Mar 2018 1:37

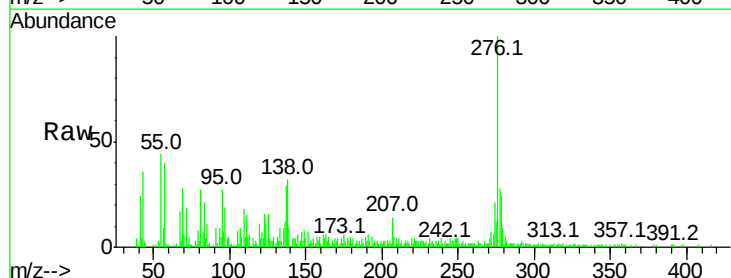
Tgt Ion:278 Resp: 20105

Ion Ratio Lower Upper

278 100

139 40.2 15.9 23.9#

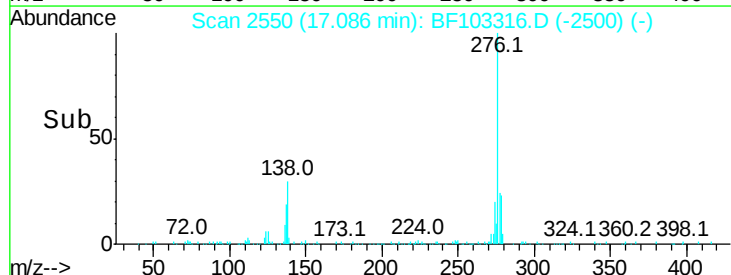
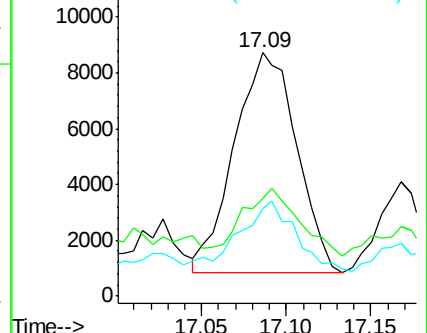
279 35.8 19.0 28.4#

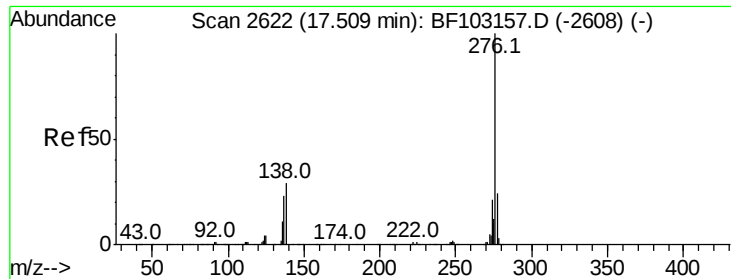


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 9.239 ng  
 RT: 17.56 min Scan# 2630  
 Delta R.T. 0.02 min  
 Lab File: BF103316.D  
 Acq: 1 Mar 2018 1:37

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 17.9  | 26.9  |
| 138     | 30.8  | 21.8  | 32.8  |

