

Data Path : Z:\HPCHEM1\BNA F\Data\BF090815\  
 Data File : BF081528.D  
 Acq On : 8 Sep 2015 18:15  
 Operator : UM/IZ  
 Sample : G3472-02DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 08 18:45:03 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 08 15:49:53 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.34  | 152  | 49182    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.63  | 136  | 195031   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.37  | 164  | 84415    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 10.83 | 188  | 165397   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.45 | 240  | 107356   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.75 | 264  | 86517    | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 4.88  | 112  | 62086    | 19.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.01  | 99   | 90447    | 21.56 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 6.92  | 82   | 53865    | 13.33 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.16 | 330  | 16267    | 21.64 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.72  | 172  | 96227    | 14.61 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.42 | 244  | 71537    | 15.51 | ng    | 0.00     |

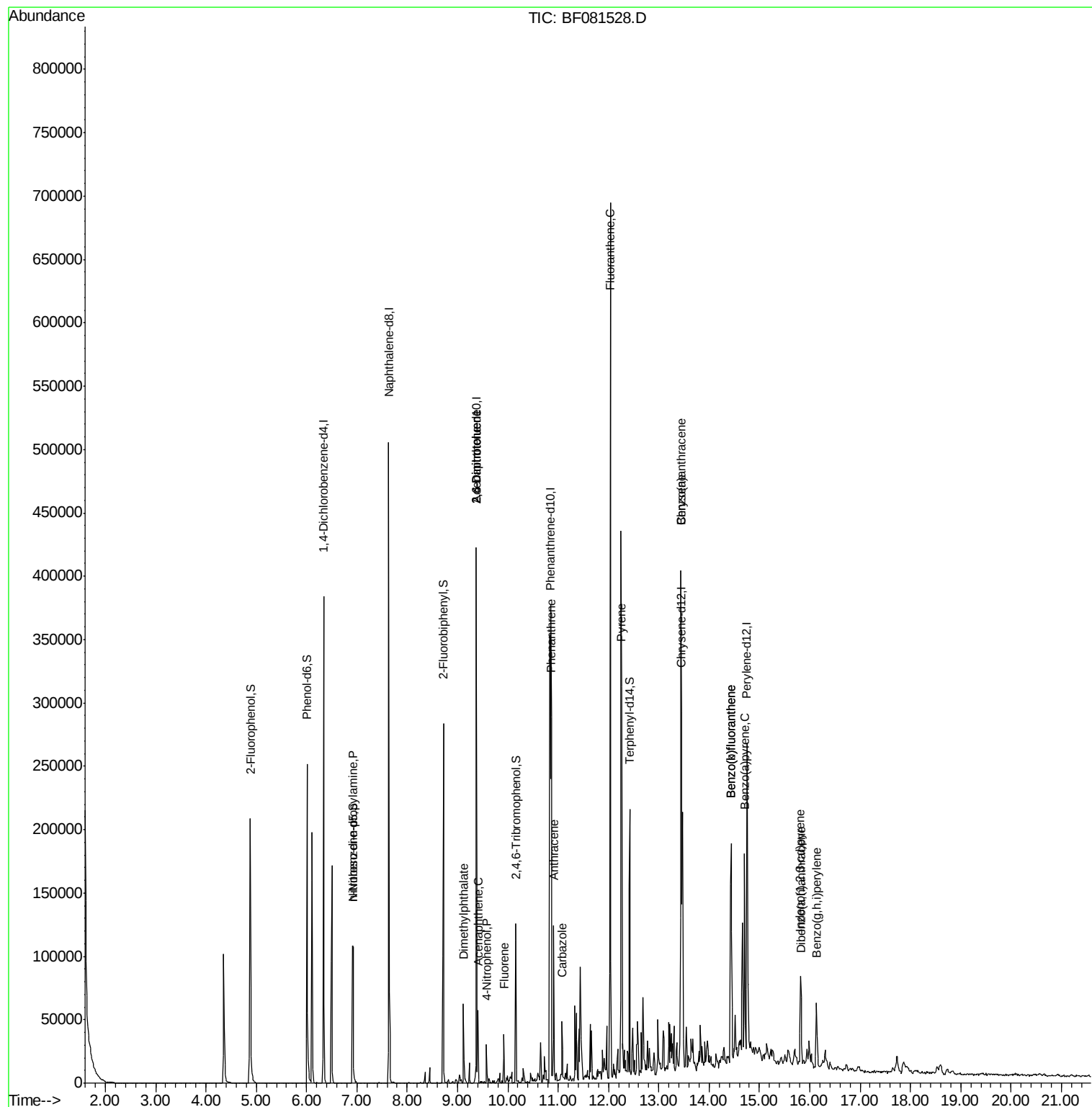
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 19) n-Nitroso-di-n-propylamine | 6.91  | 70   | 7255     | 2.54  | ng    | # 67   |
| 49) Dimethylphthalate          | 9.12  | 163  | 26079    | 3.98  | ng    | # 96   |
| 50) 2,6-Dinitrotoluene         | 9.37  | 165  | 11219    | 7.54  | ng    | # 37   |
| 51) Acenaphthene               | 9.40  | 154  | 11926    | 2.11  | ng    | 92     |
| 55) 4-Nitrophenol              | 9.58  | 139  | 4561     | 4.28  | ng    | # 25   |
| 56) 2,4-Dinitrotoluene         | 9.37  | 165  | 11219    | 5.92  | ng    | # 31   |
| 57) Fluorene                   | 9.92  | 166  | 13641    | 2.17  | ng    | 95     |
| 70) Phenanthrene               | 10.87 | 178  | 190625   | 20.73 | ng    | 97     |
| 71) Anthracene                 | 10.91 | 178  | 50471    | 5.34  | ng    | 98     |
| 72) Carbazole                  | 11.07 | 167  | 23153    | 2.61  | ng    | # 96   |
| 74) Fluoranthene               | 12.03 | 202  | 262773   | 26.40 | ng    | 90     |
| 77) Pyrene                     | 12.26 | 202  | 218807   | 27.51 | ng    | 98     |
| 80) Benzo(a)anthracene         | 13.44 | 228  | 121394   | 17.76 | ng    | 96     |
| 82) Chrysene                   | 13.44 | 228  | 121394   | 19.81 | ng    | 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 15.82 | 276  | 43048    | 9.57  | ng    | # 81   |
| 87) Benzo(b)fluoranthene       | 14.43 | 252  | 117872   | 19.08 | ng    | # 85   |
| 88) Benzo(k)fluoranthene       | 14.43 | 252  | 117872   | 23.00 | ng    | # 86   |
| 89) Benzo(a)pyrene             | 14.71 | 252  | 64619    | 12.35 | ng    | # 82   |
| 90) Dibenzo(a,h)anthracene     | 15.83 | 278  | 14582    | 3.61  | ng    | # 79   |
| 91) Benzo(a,h,i)perylene       | 16.14 | 276  | 39789    | 10.31 | ng    | # 74   |

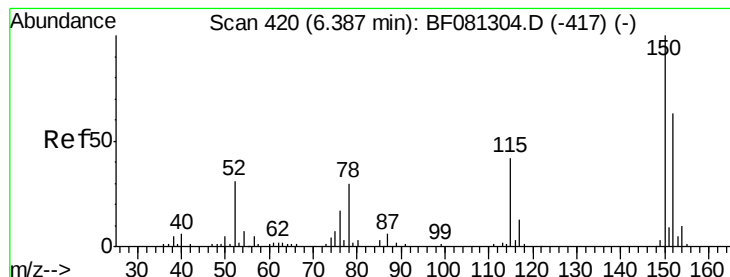
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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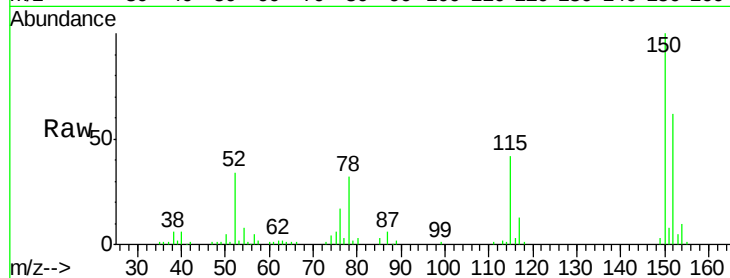


#1

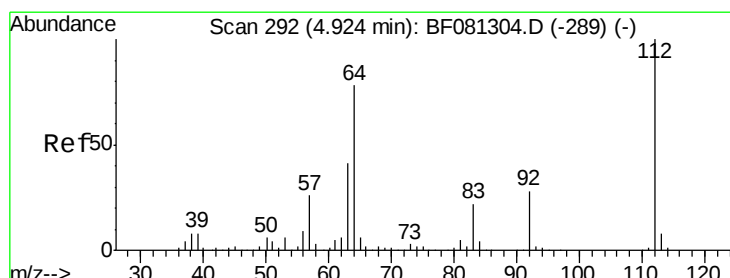
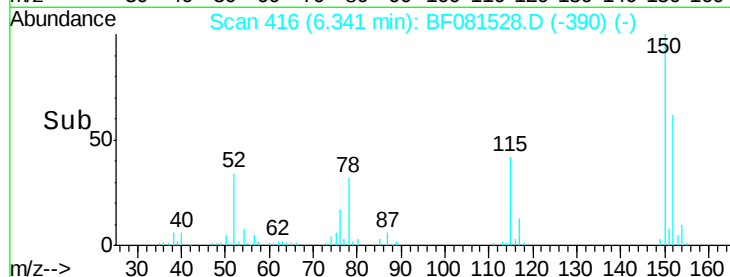
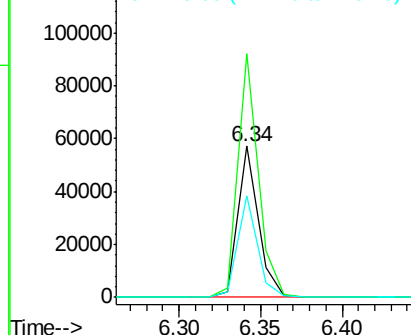
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.34 min Scan# 416  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 49182  
Ion Ratio Lower Upper  
152 100  
150 161.1 124.7 187.1  
115 67.3 39.0 58.4#



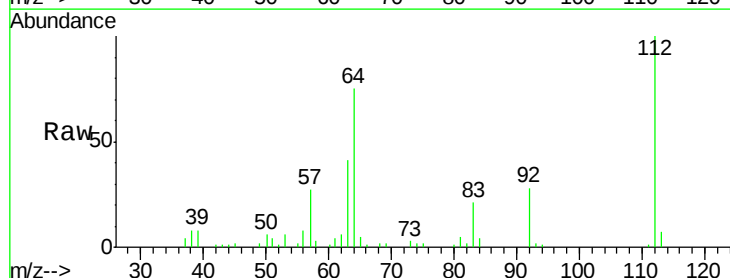
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



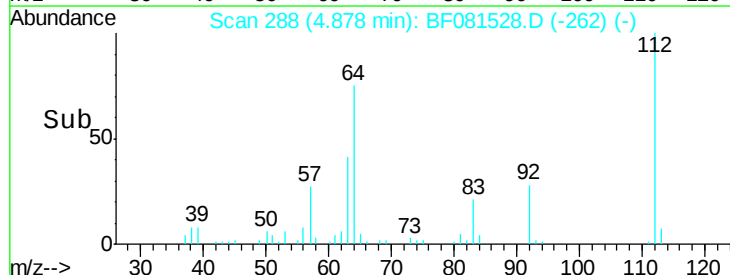
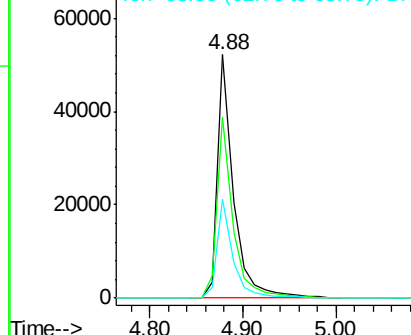
#5

2-Fluorophenol  
Concen: 19.59 ng  
RT: 4.88 min Scan# 288  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Tgt Ion:112 Resp: 62086  
Ion Ratio Lower Upper  
112 100  
64 74.5 39.7 59.5#  
63 40.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.56 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

Instrument :

BNA\_F

ClientSampleId :

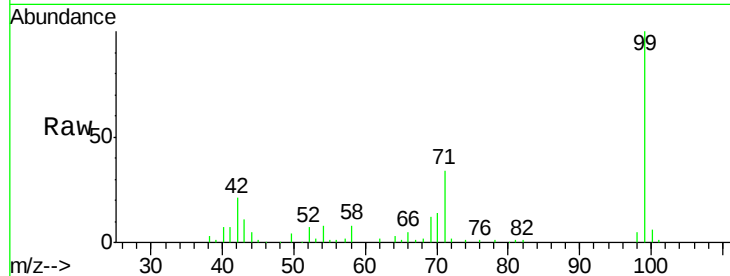
Tot Ion: 99 Resp: 90447

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

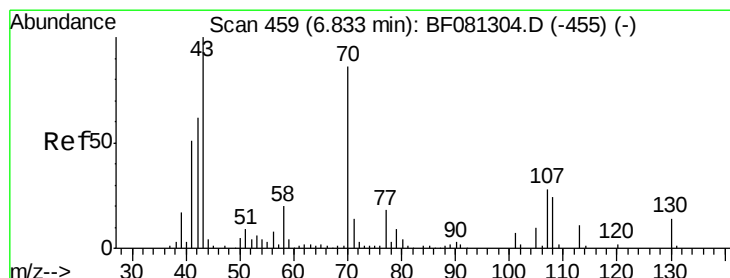
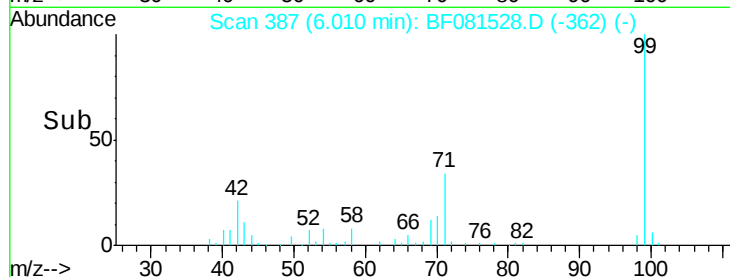
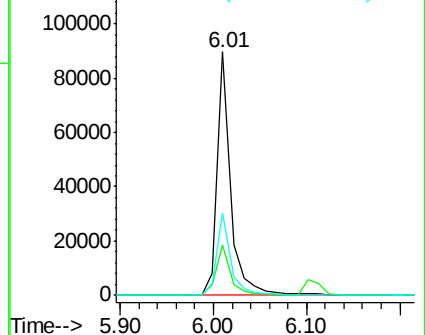
71 34.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 2.54 ng

RT: 6.91 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

Tgt Ion: 70 Resp: 7255

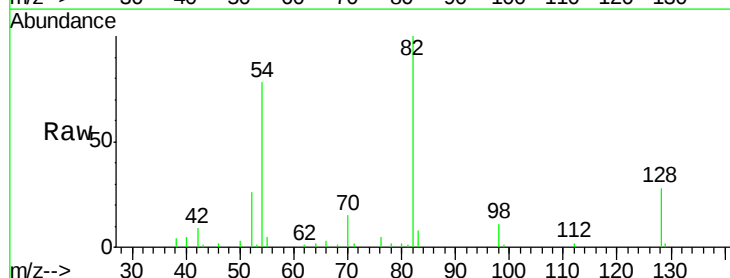
Ion Ratio Lower Upper

70 100

42 59.9 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

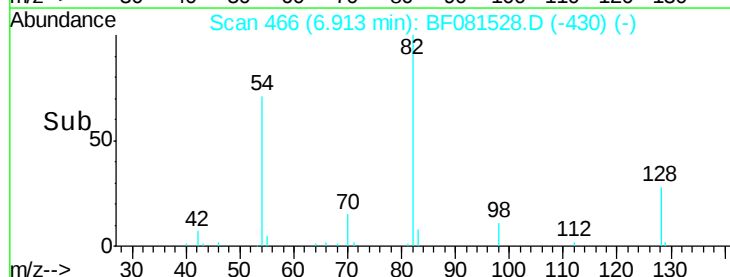
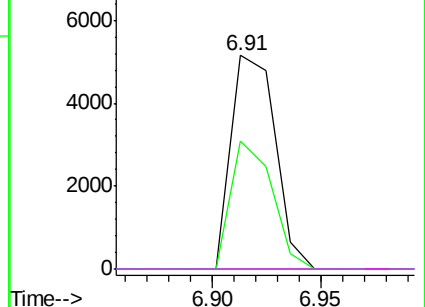


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

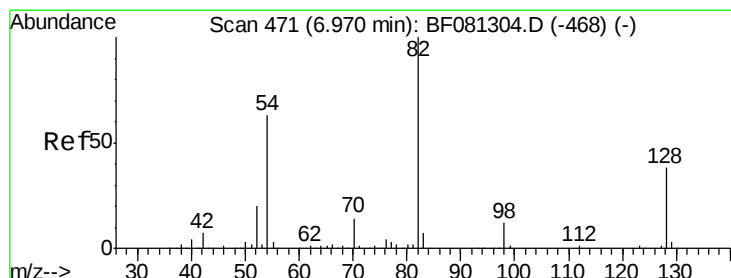
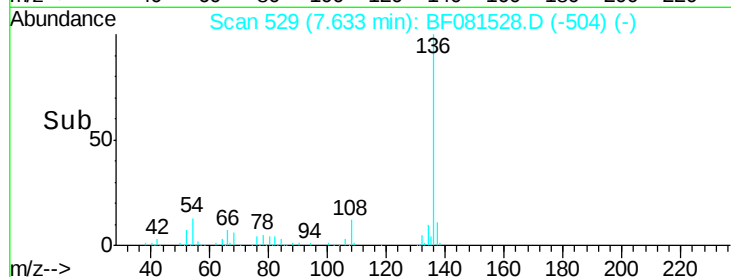
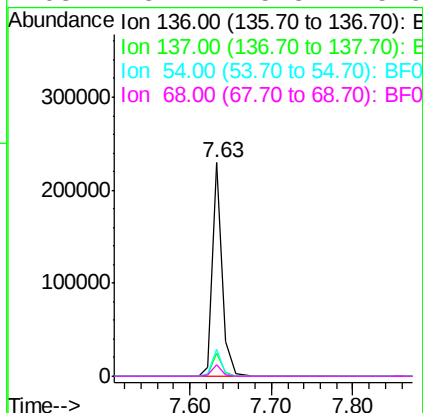
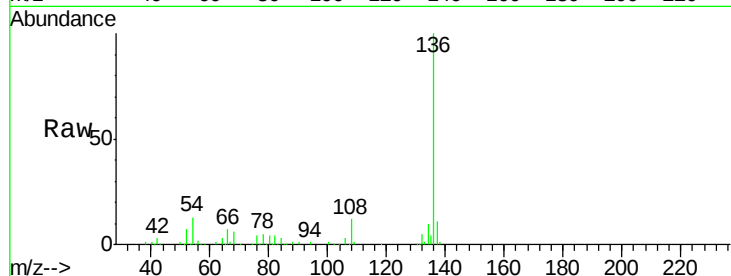




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.63 min Scan# 529  
Delta R.T. -0.01 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

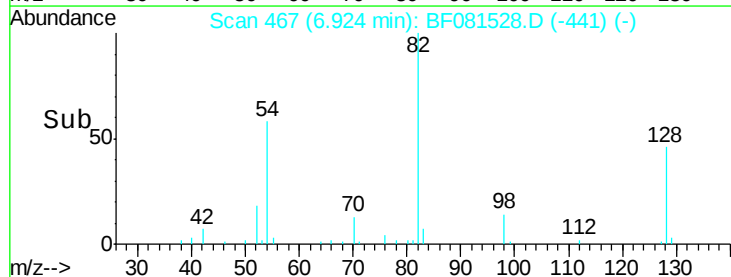
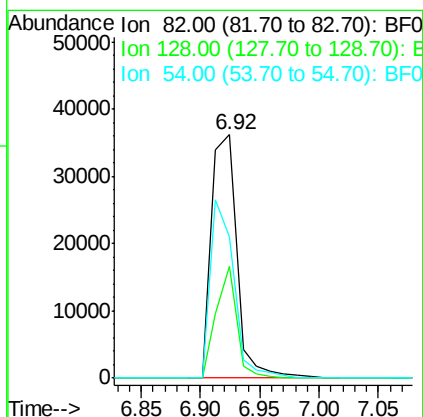
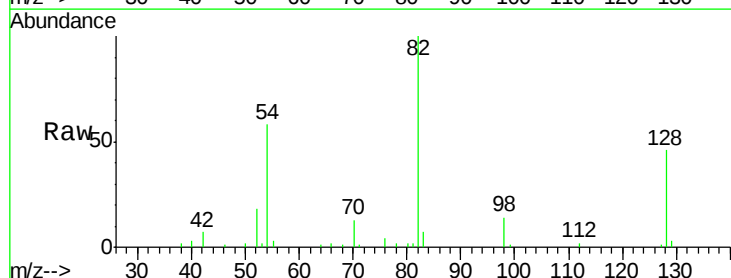
Instrument :  
BNA\_F  
ClientSampleId :

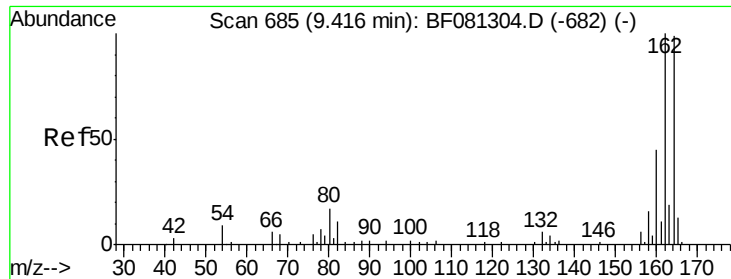
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 195031    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.6  | 9.0 13.6  |
| 54          | 12.7  | 8.2 12.2# |
| 68          | 5.7   | 5.8 8.6#  |



#23  
Nitrobenzene-d5  
Concen: 13.33 ng  
RT: 6.92 min Scan# 467  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 53865      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 46.0  | 51.0 76.6# |
| 54          | 58.1  | 47.5 71.3  |

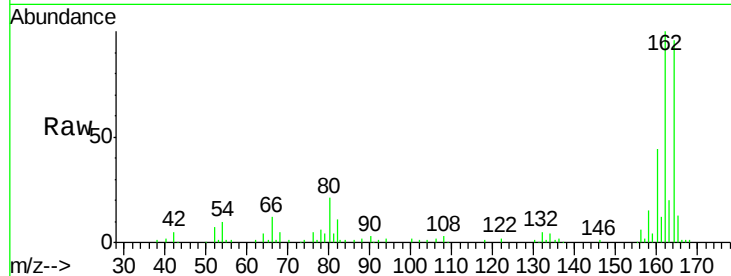




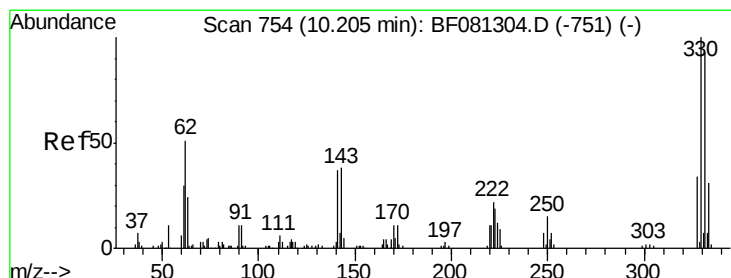
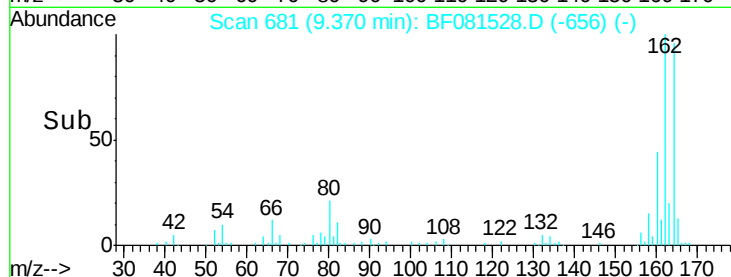
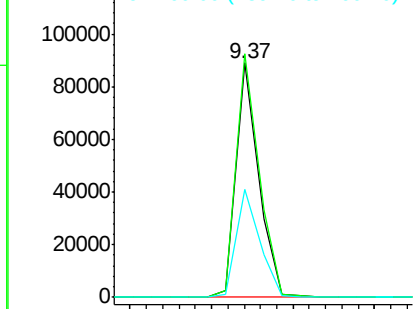
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.37 min Scan# 681  
Delta R.T. -0.01 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 84415  
Ion Ratio Lower Upper  
164 100  
162 103.9 75.2 112.8  
160 45.9 31.5 47.3

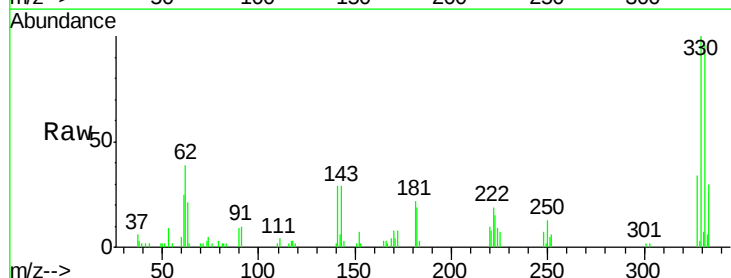


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

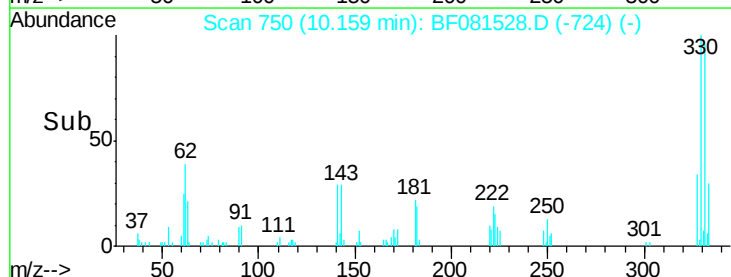
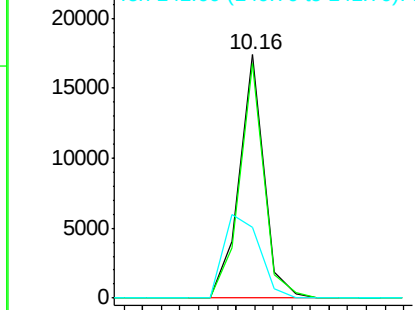


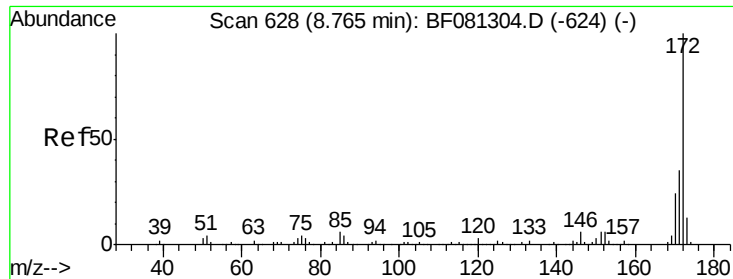
#41  
2,4,6-Tribromophenol  
Concen: 21.64 ng  
RT: 10.16 min Scan# 750  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Tgt Ion:330 Resp: 16267  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.6 114.8  
141 49.2 29.7 44.5#



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

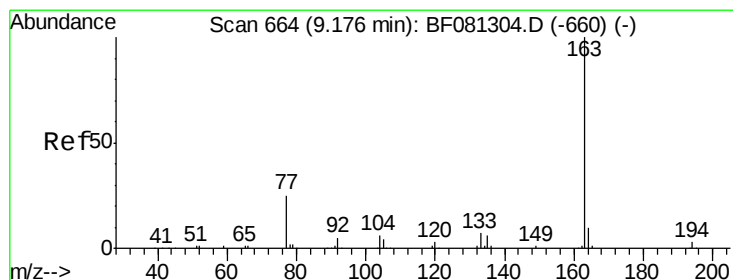
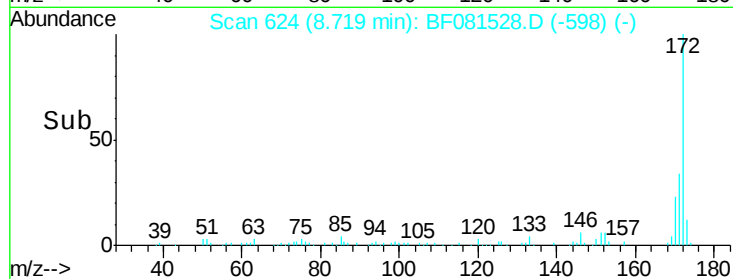
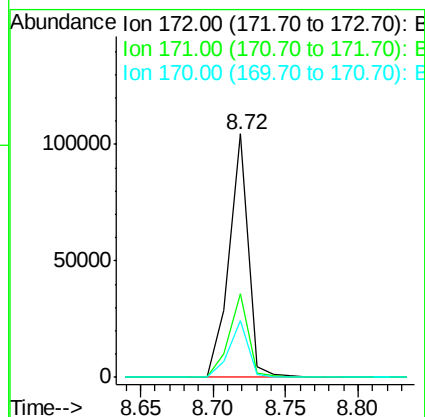
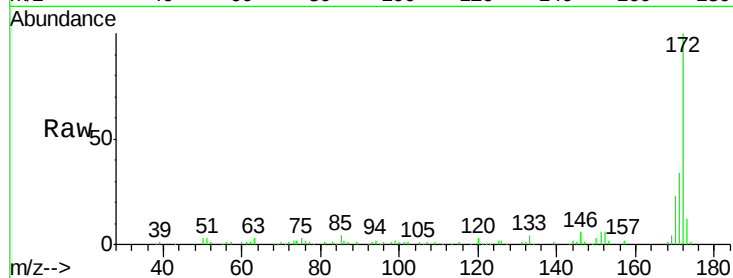




#44  
 2-Fluorobiphenyl  
 Concen: 14.61 ng  
 RT: 8.72 min Scan# 624  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

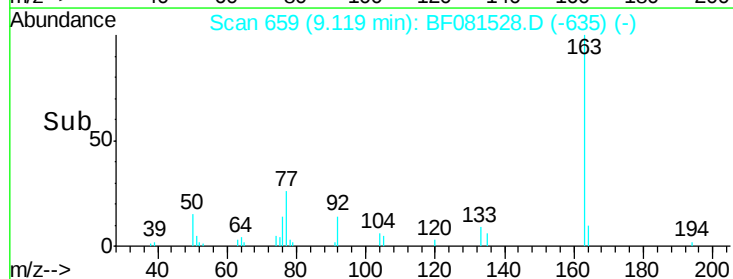
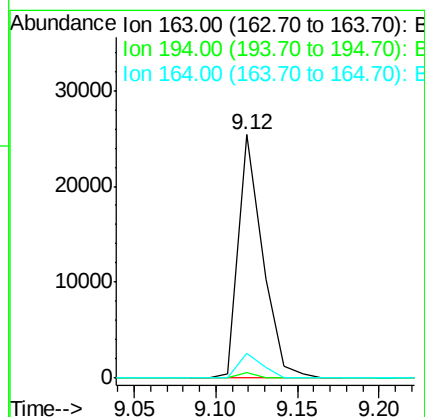
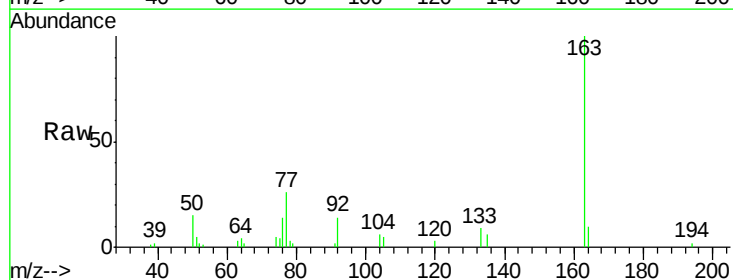
Instrument :  
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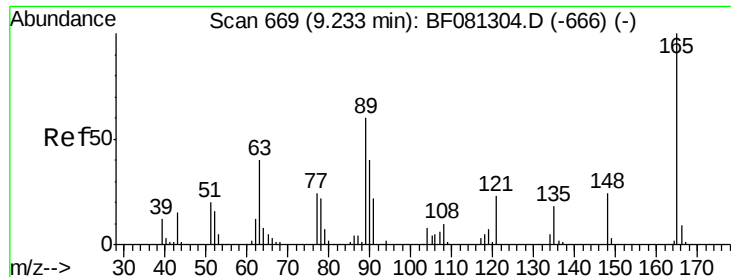
Tot Ion:172 Resp: 96227  
 Ion Ratio Lower Upper  
 172 100  
 171 34.2 26.1 39.1  
 170 23.2 17.4 26.2



#49  
 Dimethylphthalate  
 Concen: 3.98 ng  
 RT: 9.12 min Scan# 659  
 Delta R.T. -0.02 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Tgt Ion:163 Resp: 26079  
 Ion Ratio Lower Upper  
 163 100  
 194 2.5 4.4 6.6#  
 164 10.0 8.3 12.5





#50

2,6-Dinitrotoluene

Concen: 7.54 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.17 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

Instrument :  
BNA\_F  
ClientSampleId :

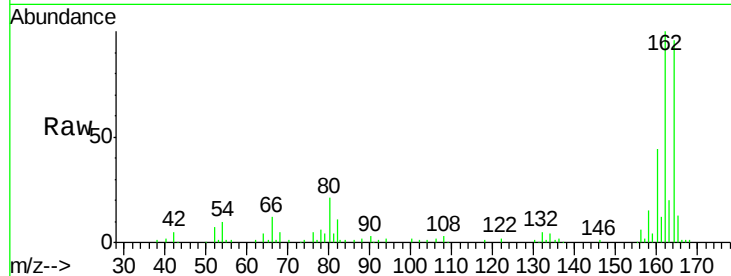
Tot Ion:165 Resp: 11219

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

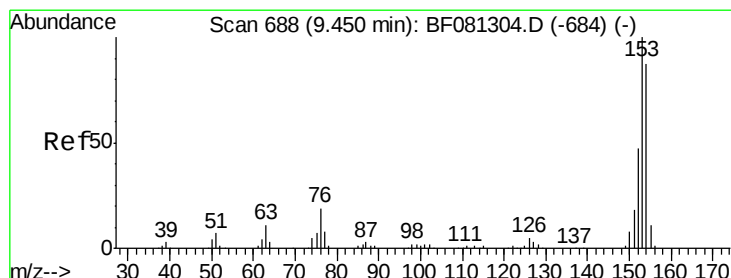
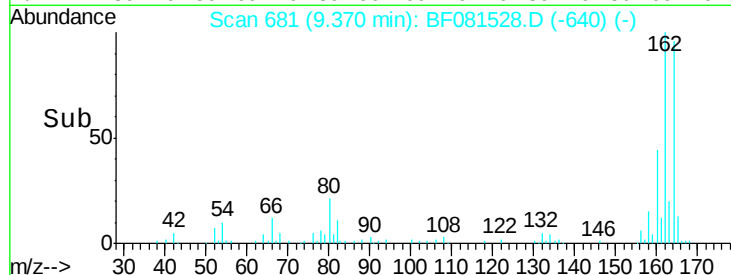
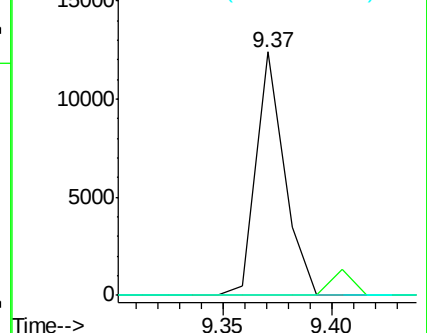
89 0.0 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 2.11 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

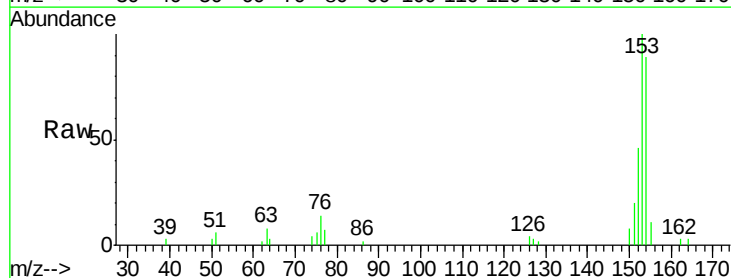
Tgt Ion:154 Resp: 11926

Ion Ratio Lower Upper

154 100

153 112.4 82.1 123.1

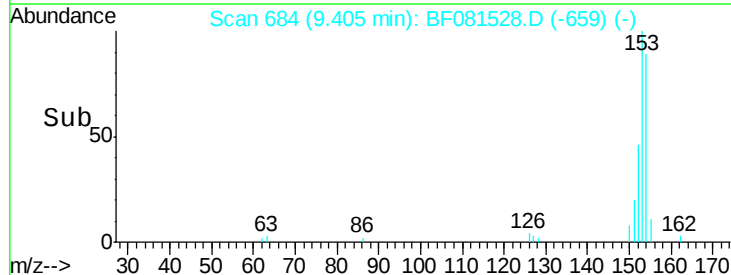
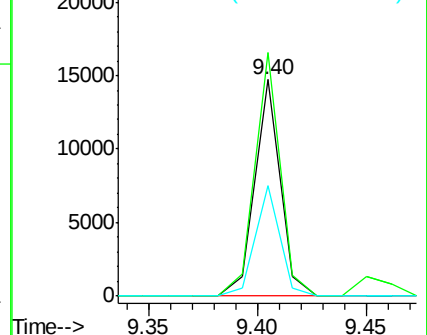
152 51.1 37.9 56.9

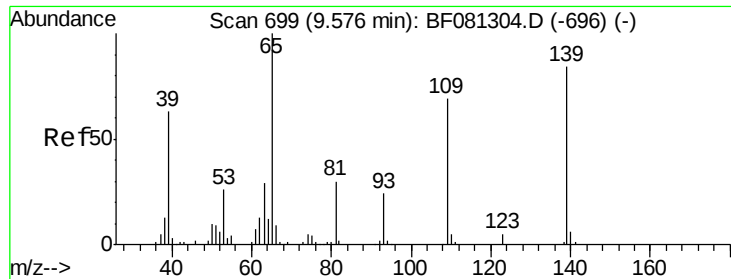


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

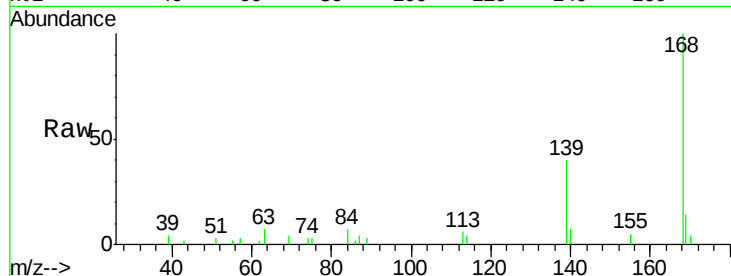




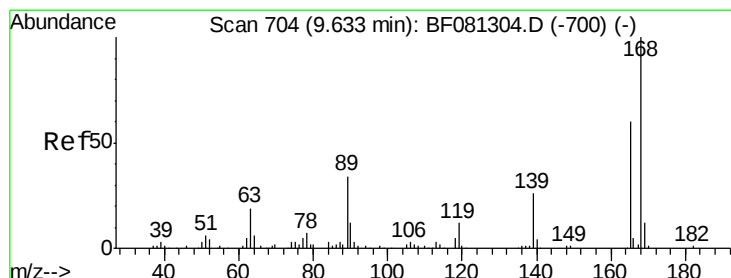
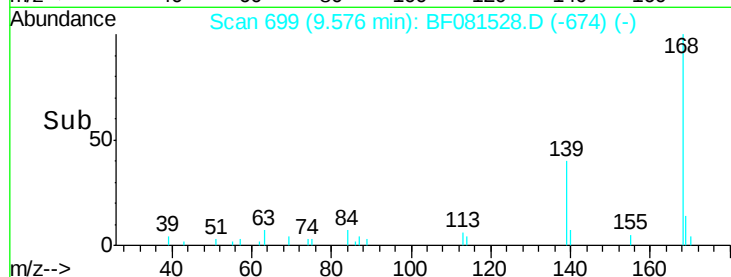
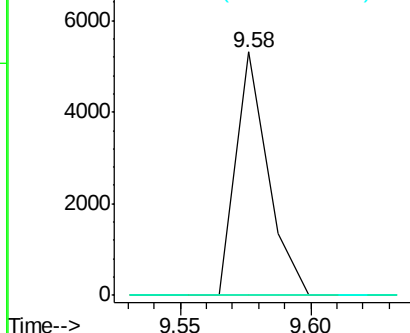
#55  
4-Nitrophenol  
Concen: 4.28 ng  
RT: 9.58 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 0.0   | 12.7  | 52.7# |
| 65      | 0.0   | 45.9  | 85.9# |

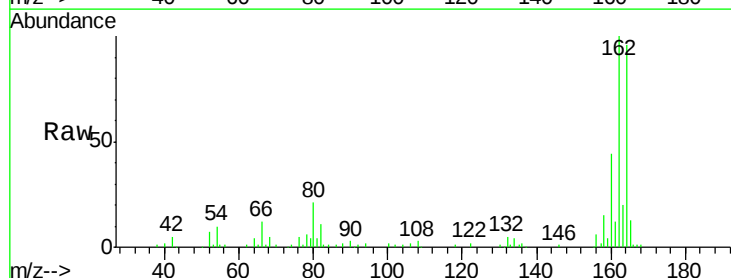


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

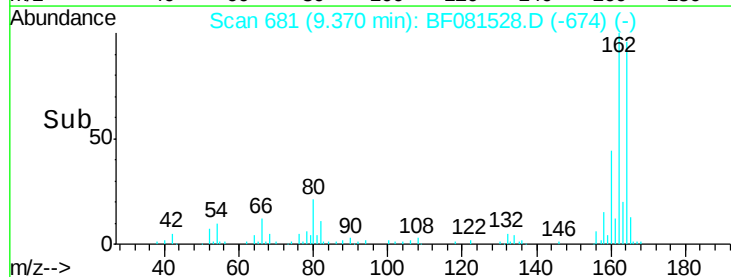
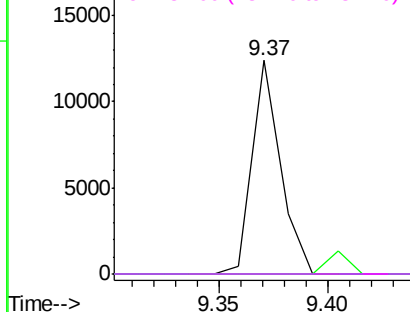


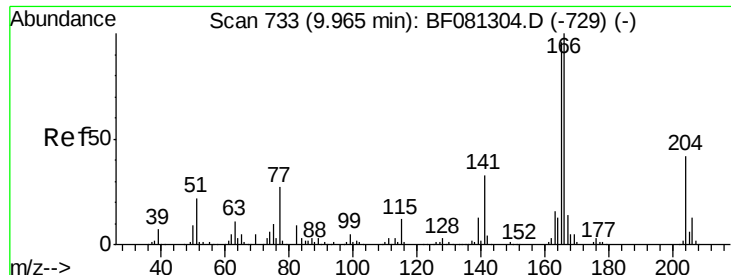
#56  
2,4-Dinitrotoluene  
Concen: 5.92 ng  
RT: 9.37 min Scan# 681  
Delta R.T. -0.22 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 29.8  | 44.6# |
| 89      | 0.0   | 44.5  | 66.7# |
| 182     | 0.0   | 3.0   | 4.4#  |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E

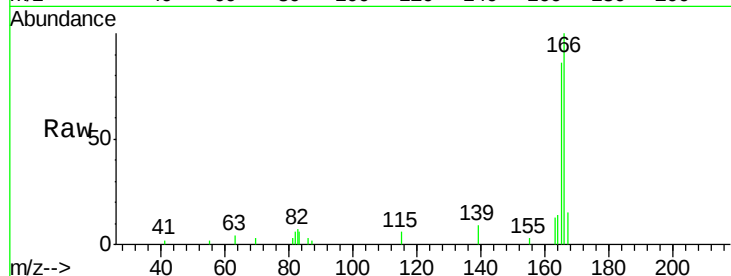




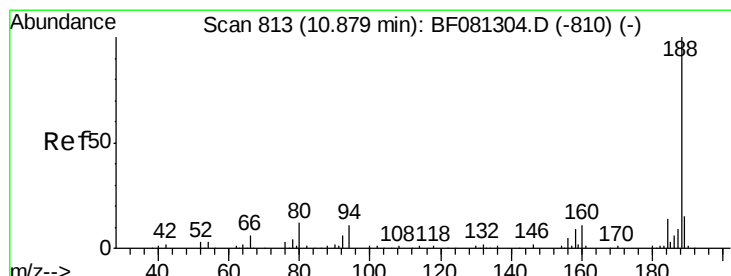
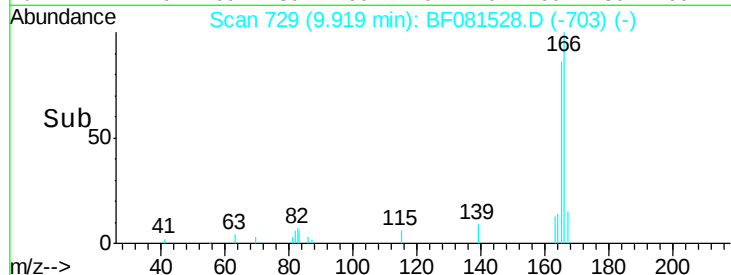
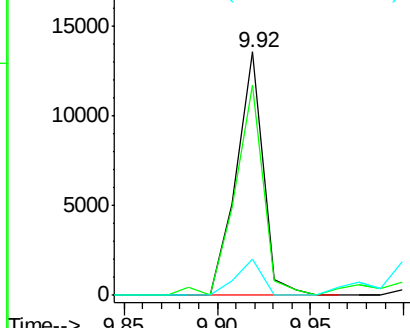
#57  
 Fluorene  
 Concen: 2.17 ng  
 RT: 9.92 min Scan# 729  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:166 Resp: 13641  
 Ion Ratio Lower Upper  
 166 100  
 165 86.5 72.6 109.0  
 167 15.1 10.6 16.0

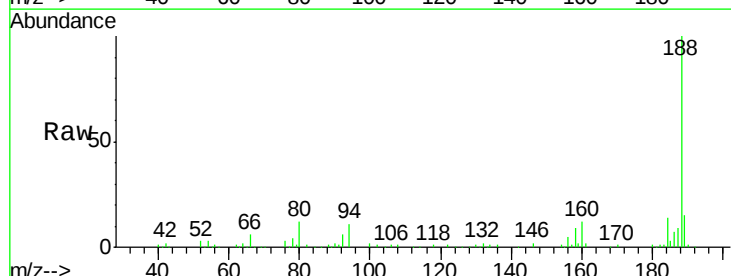


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

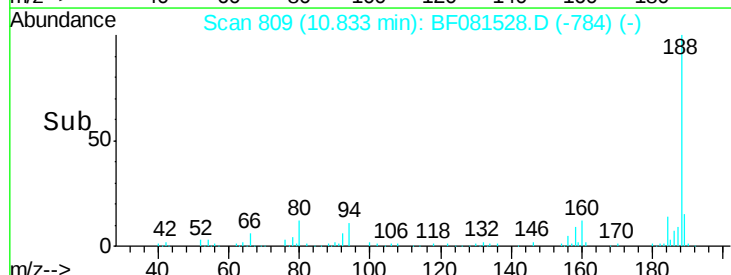
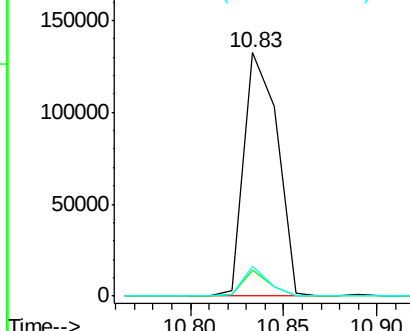


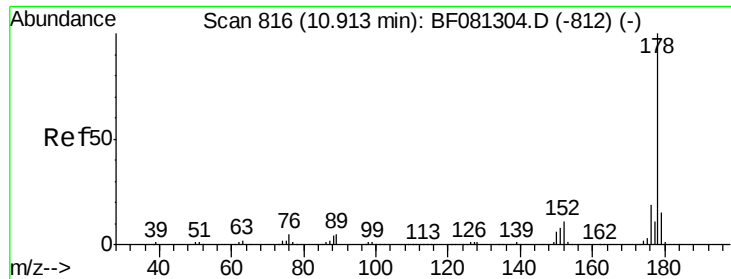
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 10.83 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Tgt Ion:188 Resp: 165397  
 Ion Ratio Lower Upper  
 188 100  
 94 10.8 11.1 16.7#  
 80 12.3 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

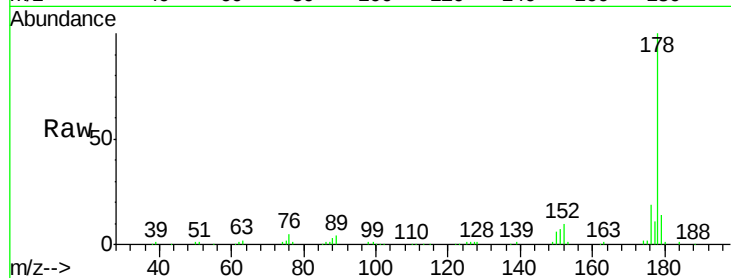




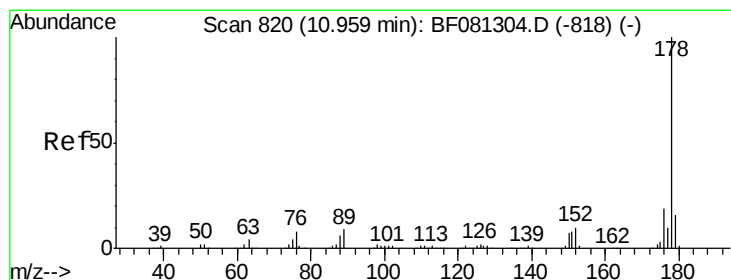
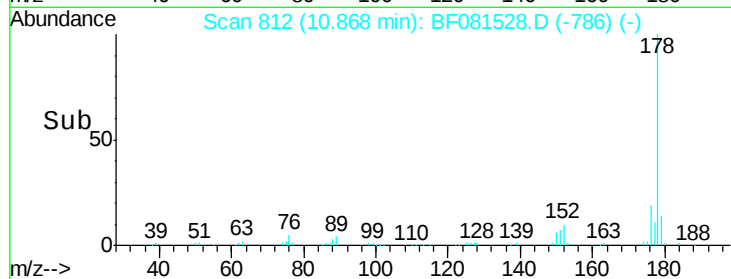
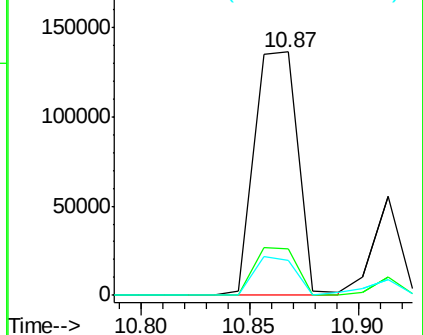
#70  
 Phenanthrene  
 Concen: 20.73 ng  
 RT: 10.87 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:178 Resp: 190625  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 13.8 20.8  
 179 14.5 12.2 18.2

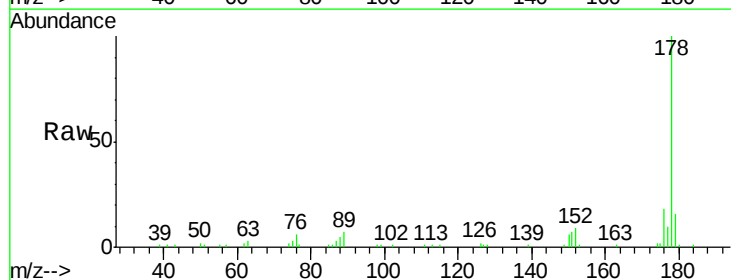


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

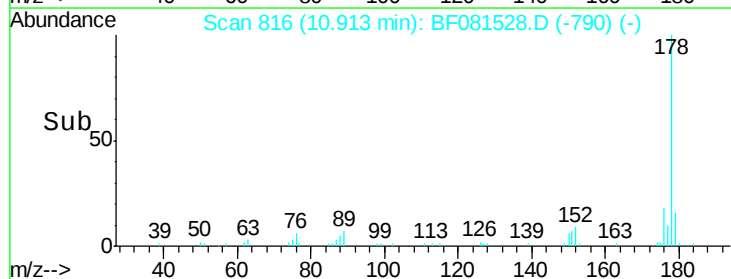
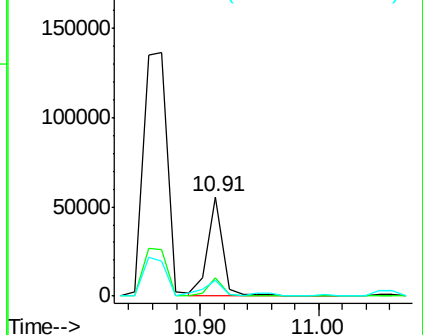


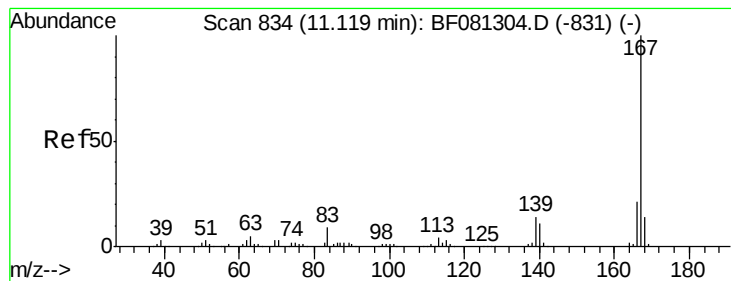
#71  
 Anthracene  
 Concen: 5.34 ng  
 RT: 10.91 min Scan# 816  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Tgt Ion:178 Resp: 50471  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 14.1 21.1  
 179 16.3 12.2 18.2



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





#72

Carbazole

Concen: 2.61 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

Instrument :

BNA\_F

ClientSampleId :

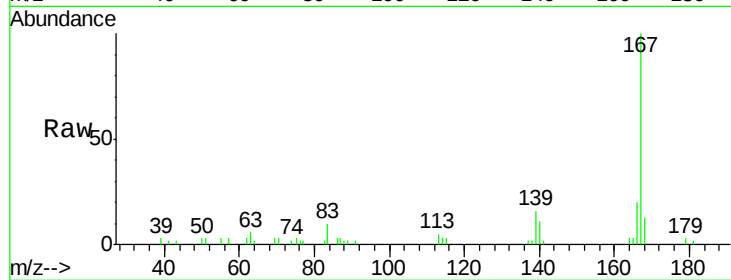
Tot Ion:167 Resp: 23153

Ion Ratio Lower Upper

167 100

166 20.0 15.7 23.5

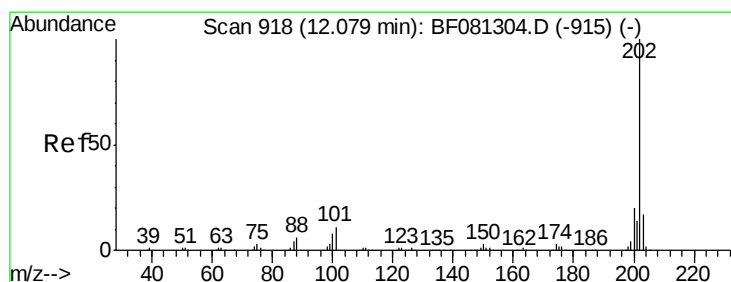
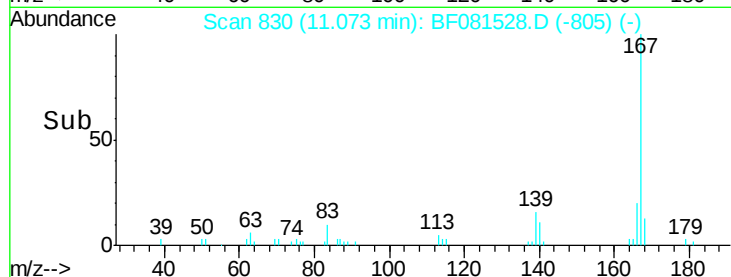
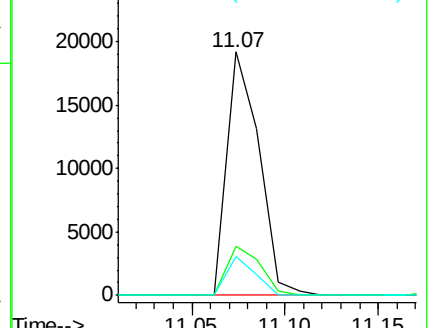
139 16.0 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 26.40 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF081528.D

Acq: 8 Sep 2015 18:15

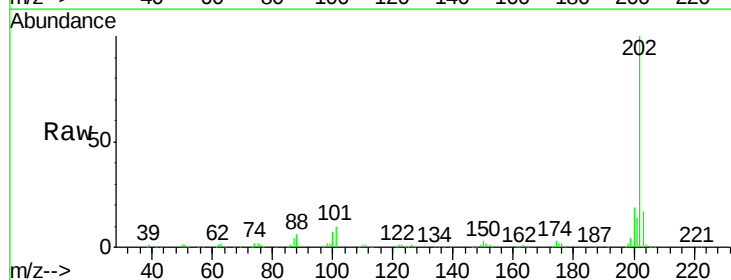
Tgt Ion:202 Resp: 262773

Ion Ratio Lower Upper

202 100

101 9.7 0.0 38.3

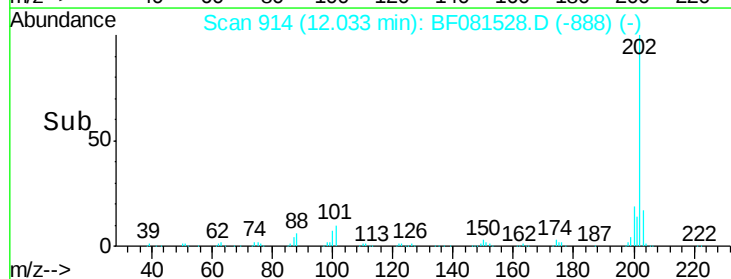
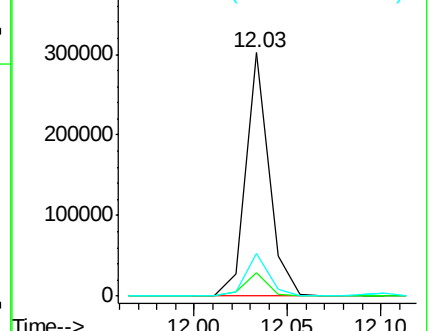
203 17.5 0.0 37.3

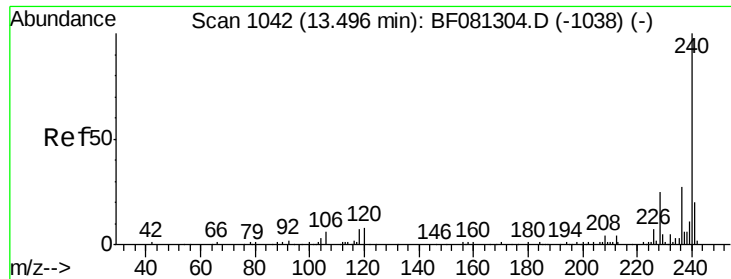


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

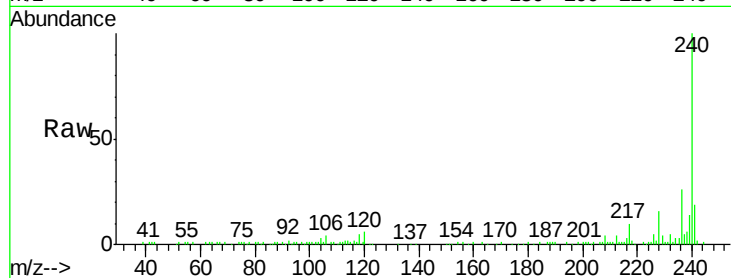




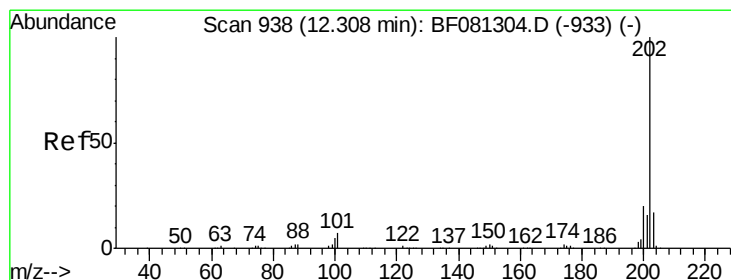
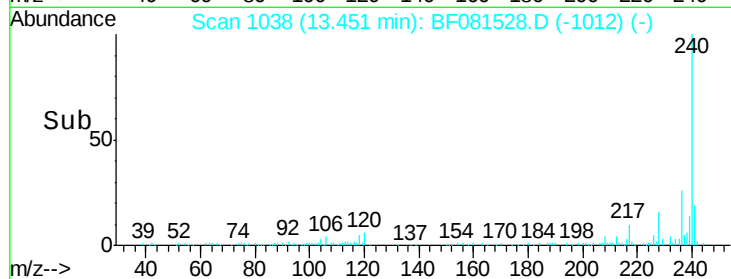
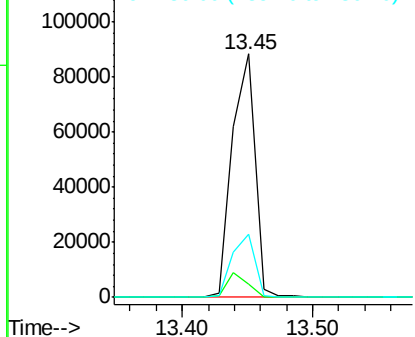
#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.45 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:240 Resp: 107356  
 Ion Ratio Lower Upper  
 240 100  
 120 5.6 16.2 24.2#  
 236 25.7 18.4 27.6

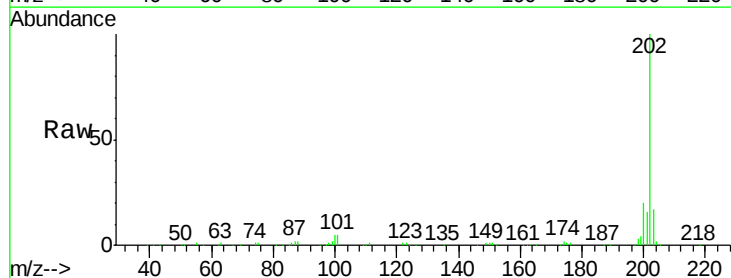


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

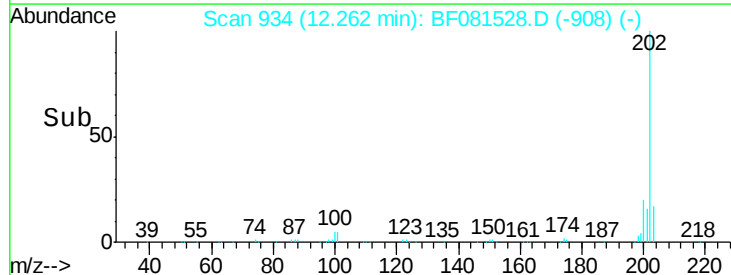
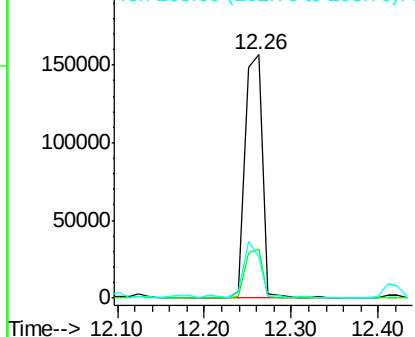


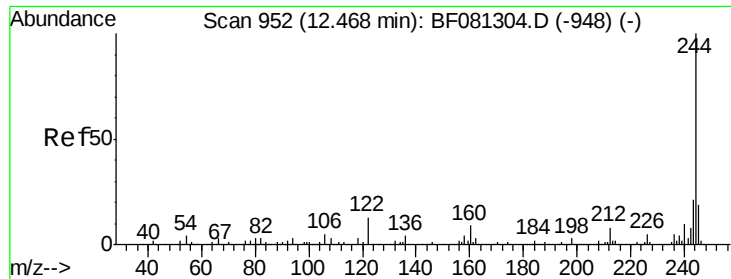
#77  
 Pyrene  
 Concen: 27.51 ng  
 RT: 12.26 min Scan# 934  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Tgt Ion:202 Resp: 218807  
 Ion Ratio Lower Upper  
 202 100  
 200 19.9 15.0 22.4  
 203 16.9 14.1 21.1



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

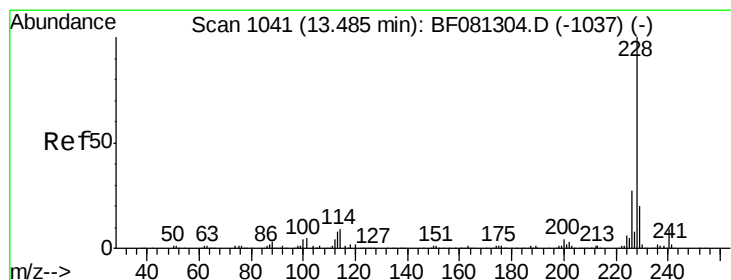
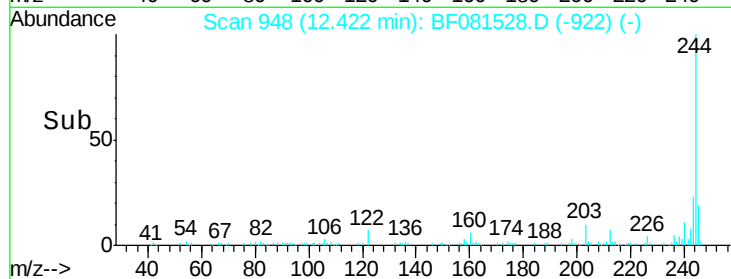
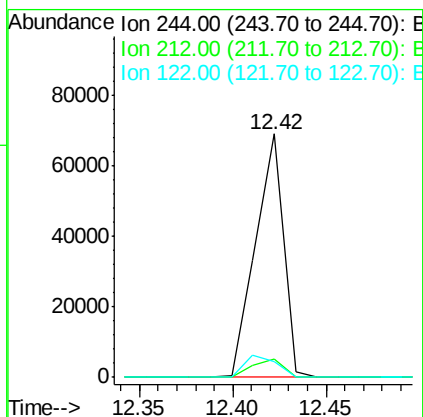
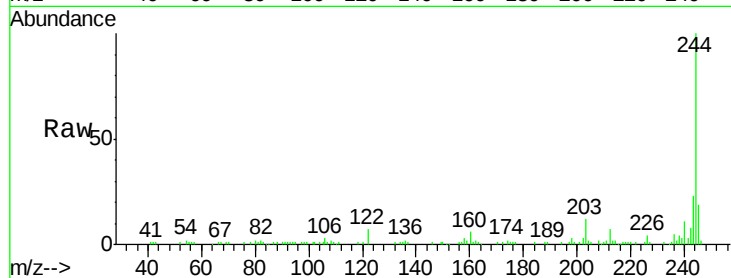




#78  
 Terphenyl-d14  
 Concen: 15.51 ng  
 RT: 12.42 min Scan# 948  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

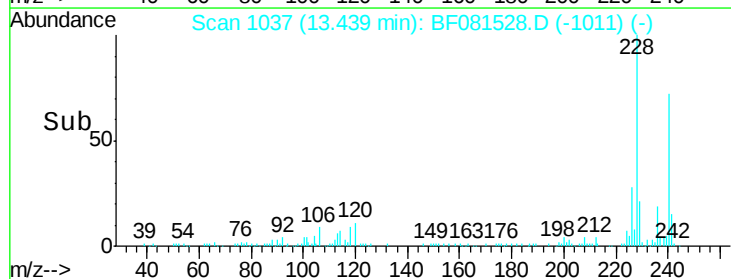
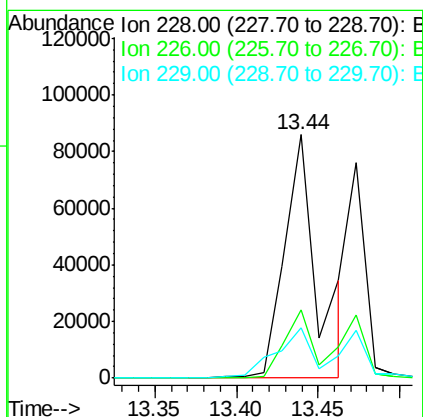
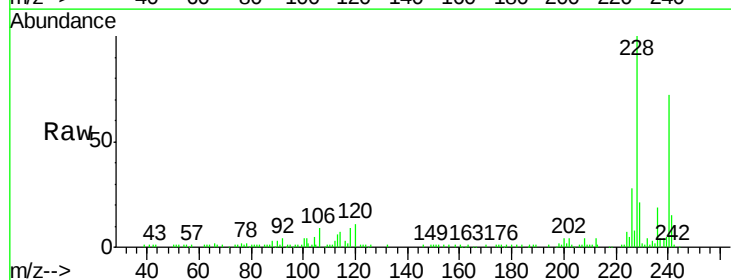
Instrument :  
 BNA\_F  
 ClientSampleId :

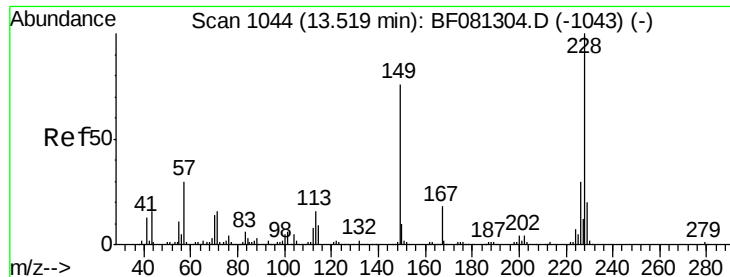
Tot Ion:244 Resp: 71537  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 4.3 6.5#  
 122 6.5 17.4 26.2#



#80  
 Benzo(a)anthracene  
 Concen: 17.76 ng  
 RT: 13.44 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

Tgt Ion:228 Resp: 121394  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 20.0 30.0  
 229 20.5 15.4 23.2

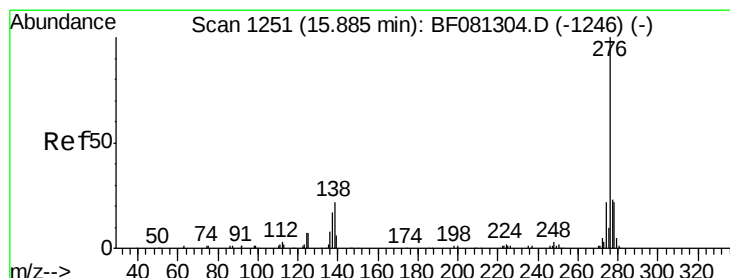
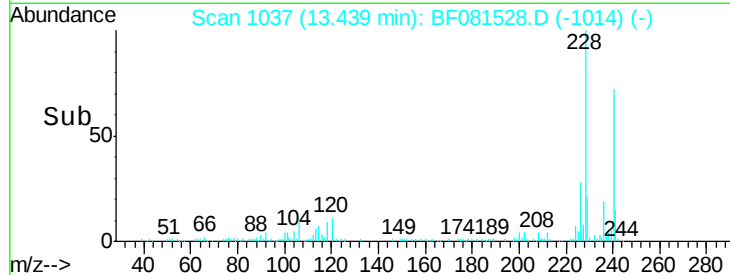
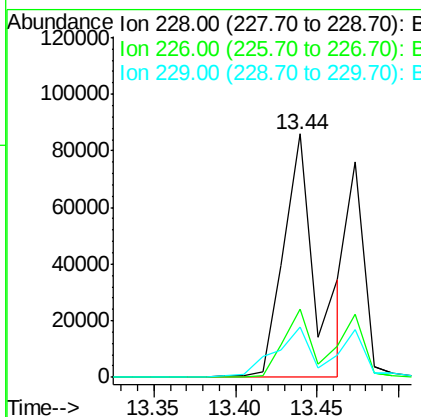
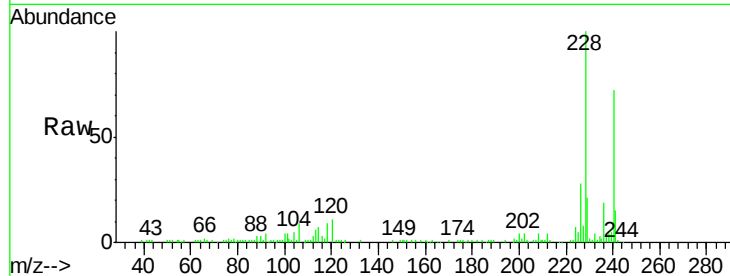




#82  
 Chrysene  
 Concen: 19.81 ng  
 RT: 13.44 min Scan# 1037  
 Delta R.T. -0.03 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

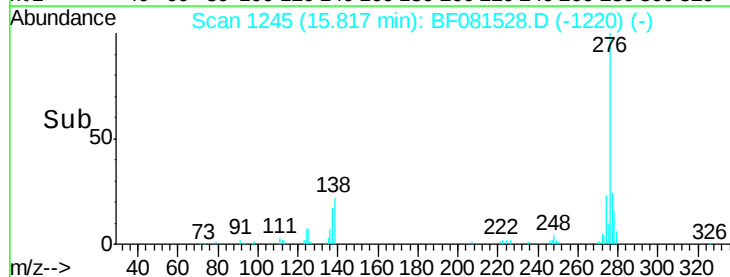
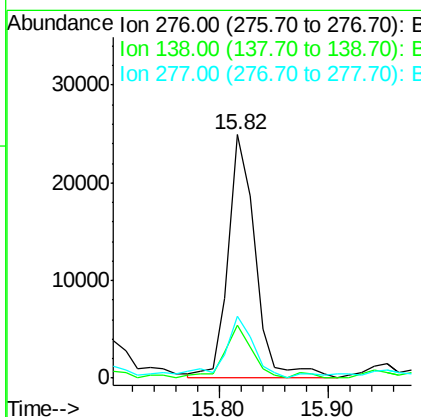
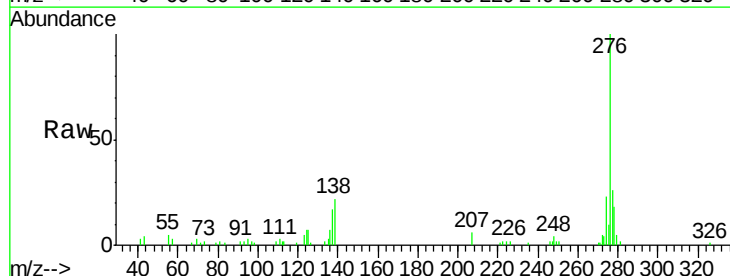
Instrument :  
 BNA\_F  
 ClientSampled :

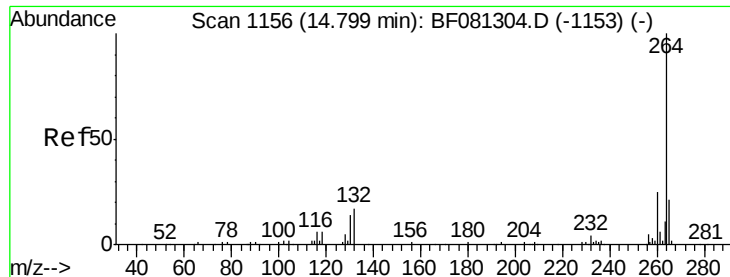
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:228 | Resp: | 121394    |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.9  | 21.0 31.4 |
| 229         | 20.5  | 15.6 23.4 |



#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.57 ng  
 RT: 15.82 min Scan# 1245  
 Delta R.T. -0.01 min  
 Lab File: BF081528.D  
 Acq: 8 Sep 2015 18:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:276 | Resp: | 43048      |
| Ion Ratio   | Lower | Upper      |
| 276         | 100   |            |
| 138         | 21.6  | 25.7 38.5# |
| 277         | 28.7  | 15.6 23.4# |

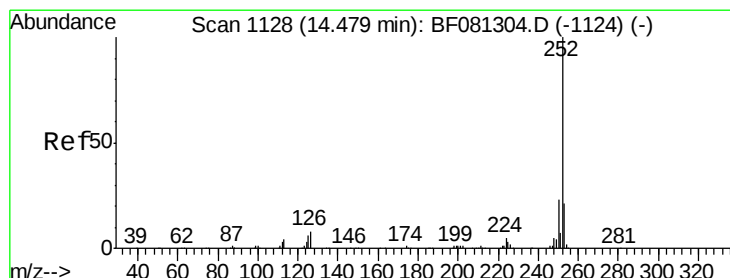
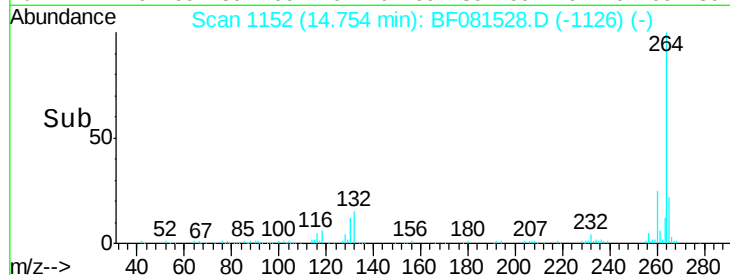
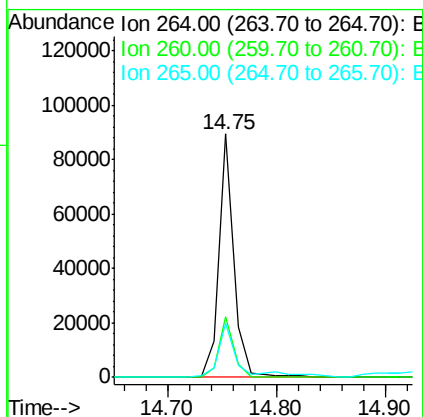
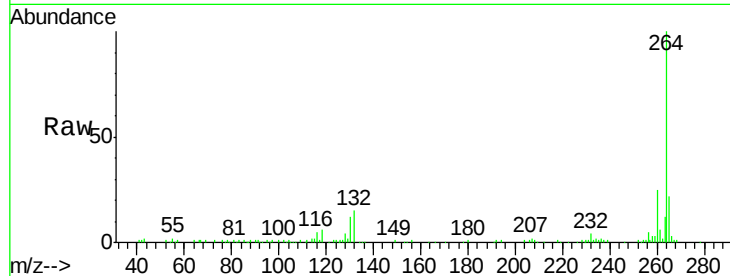




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 14.75 min Scan# 1152  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

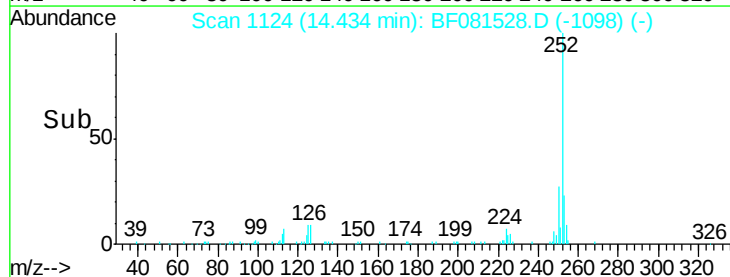
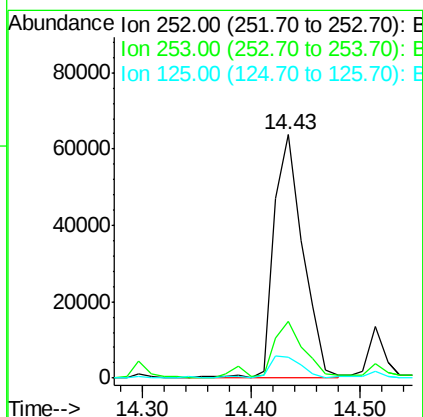
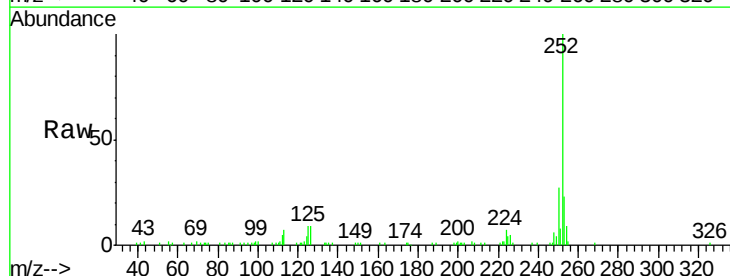
Instrument :  
BNA\_F  
ClientSampleId :

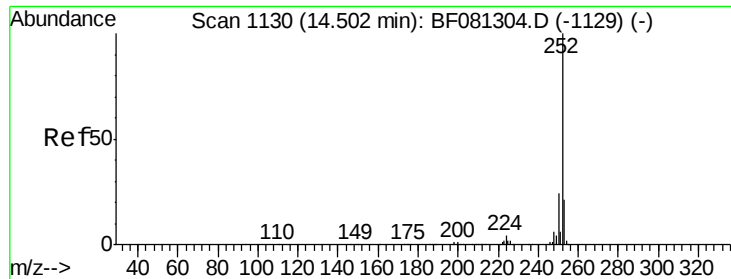
Tot Ion:264 Resp: 86517  
Ion Ratio Lower Upper  
264 100  
260 24.7 16.7 25.1  
265 22.1 17.2 25.8



#87  
Benzo(b)fluoranthene  
Concen: 19.08 ng  
RT: 14.43 min Scan# 1124  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Tgt Ion:252 Resp: 117872  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.5 26.3  
125 8.5 17.1 25.7#

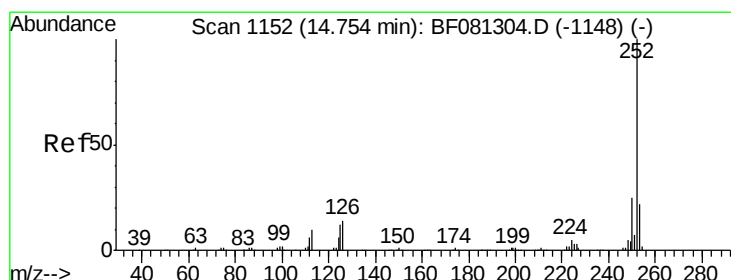
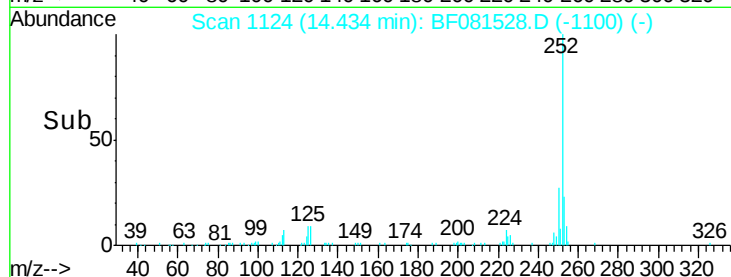
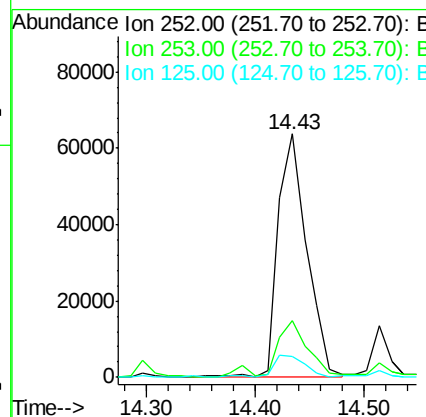
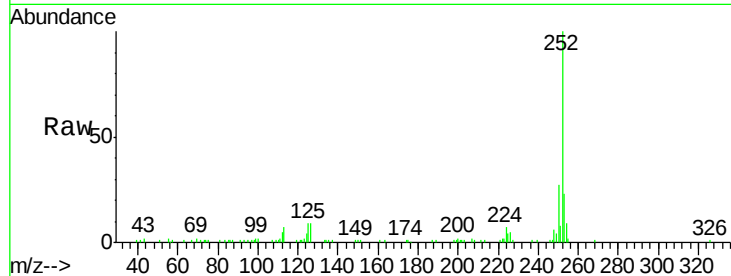




#88  
Benzo(k)fluoranthene  
Concen: 23.00 ng  
RT: 14.43 min Scan# 1124  
Delta R.T. -0.02 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

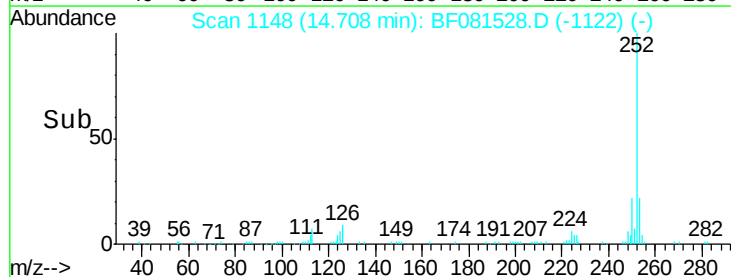
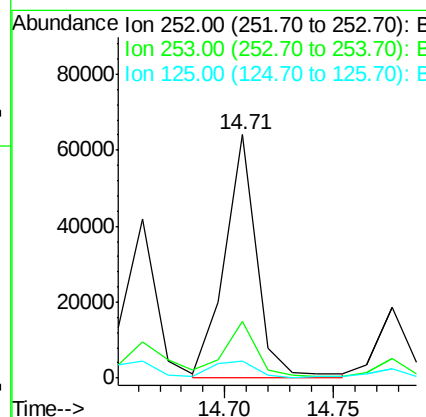
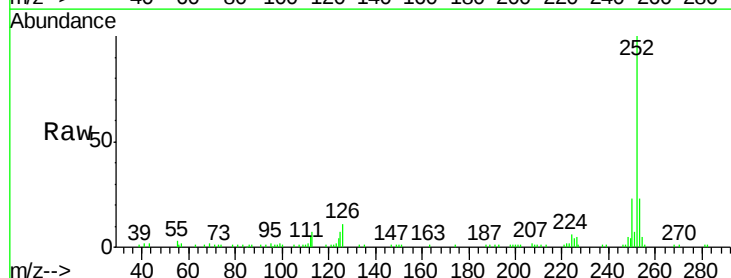
Instrument :  
BNA\_F  
ClientSampleId :

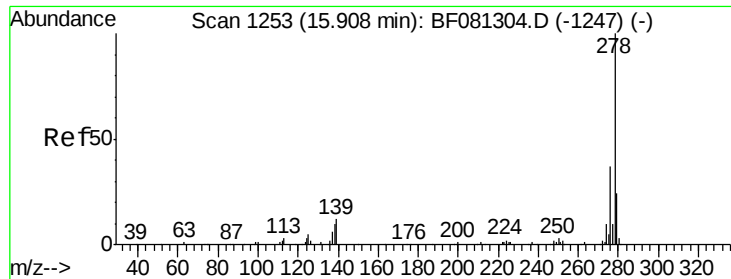
Tot Ion:252 Resp: 117872  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.0 25.4  
125 8.5 16.0 24.0#



#89  
Benzo(a)pyrene  
Concen: 12.35 ng  
RT: 14.71 min Scan# 1148  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Tgt Ion:252 Resp: 64619  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.2 25.8  
125 7.0 18.0 27.0#

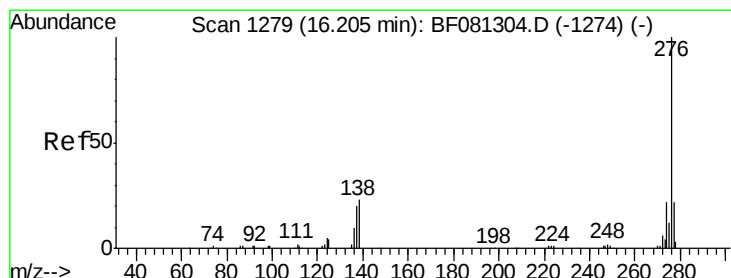
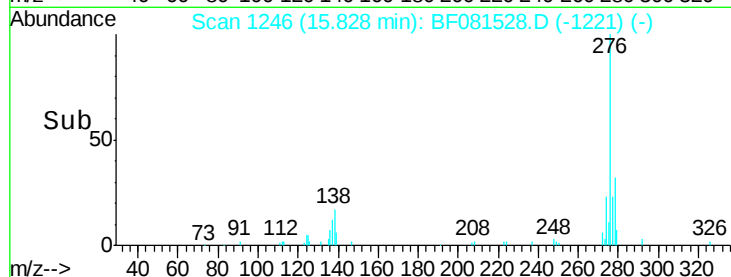
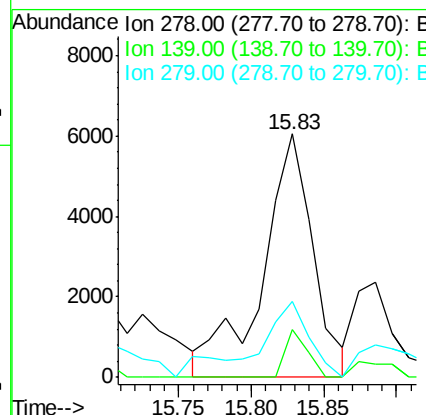
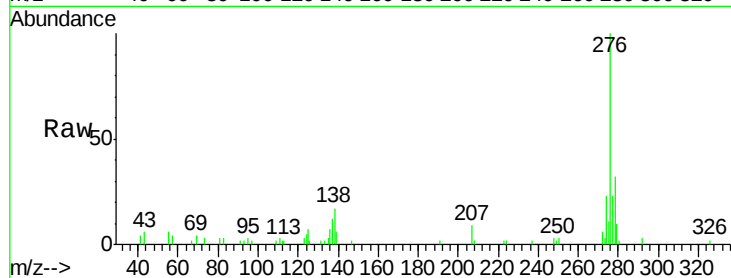




#90  
Dibenzo(a,h)anthracene  
Concen: 3.61 ng  
RT: 15.83 min Scan# 1246  
Delta R.T. -0.01 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 14582  
Ion Ratio Lower Upper  
278 100  
139 19.5 26.3 39.5#  
279 31.0 18.2 27.4#



#91  
Benzo(g,h,i)perylene  
Concen: 10.31 ng  
RT: 16.14 min Scan# 1273  
Delta R.T. -0.00 min  
Lab File: BF081528.D  
Acq: 8 Sep 2015 18:15

Tgt Ion:276 Resp: 39789  
Ion Ratio Lower Upper  
276 100  
277 24.0 17.8 26.6  
138 19.2 34.6 51.8#

