

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071015\  
 Data File : BF080423.D  
 Acq On : 11 Jul 2015 8:53  
 Operator : TP/UM  
 Sample : G2925-03 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-E4

Quant Time: Jul 13 01:04:16 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 11 05:35:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.14  | 152  | 22790    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.43  | 136  | 90126    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.19 | 164  | 44374    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.69 | 188  | 81450    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.57 | 240  | 96091    | 20.00 | ng    | 0.03     |
| 86) Perylene-d12          | 16.35 | 264  | 97723    | 20.00 | ng    | 0.07     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.79  | 112  | 52468    | 39.45 | ng    | 0.00     |
| 7) Phenol-d6                | 6.78  | 99   | 66481    | 37.52 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.71  | 82   | 38940    | 24.64 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.98 | 330  | 14103    | 32.56 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.50  | 172  | 82748    | 25.12 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.33 | 244  | 95716    | 21.63 | ng    | 0.01     |

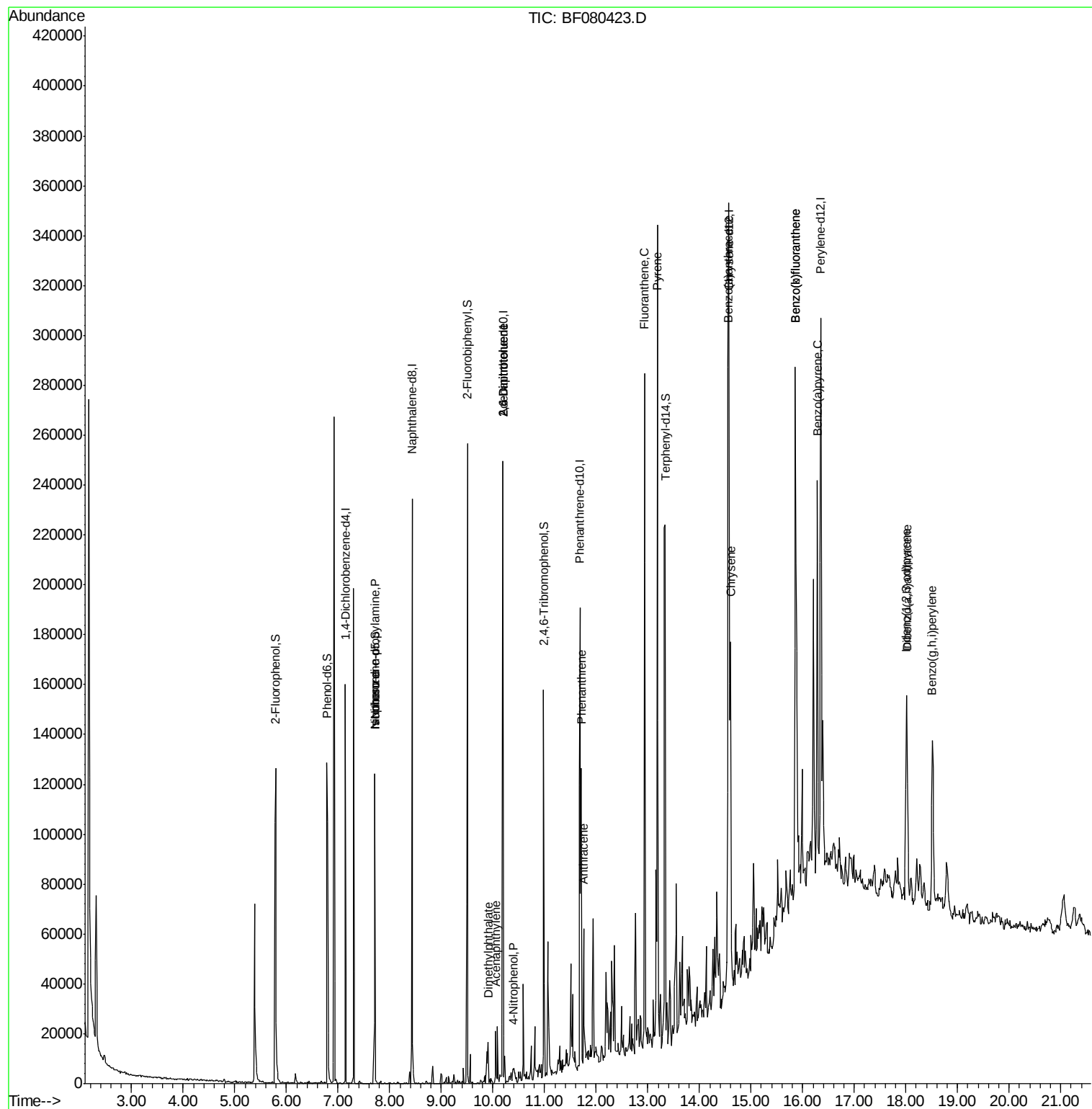
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 19) n-Nitroso-di-n-propylamine | 7.71  | 70   | 4986     | 4.11  | ng    | # 82   |
| 25) Isophorone                 | 7.71  | 82   | 32811    | 11.59 | ng    | # 73   |
| 48) Acenaphthylene             | 10.05 | 152  | 10474    | 2.14  | ng    | 97     |
| 49) Dimethylphthalate          | 9.90  | 163  | 7759     | 2.31  | ng    | 99     |
| 50) 2,6-Dinitrotoluene         | 10.19 | 165  | 5739     | 7.62  | ng    | # 24   |
| 55) 4-Nitrophenol              | 10.40 | 139  | 825      | 6.27  | ng    | # 1    |
| 56) 2,4-Dinitrotoluene         | 10.19 | 165  | 5738     | 6.52  | ng    | # 9    |
| 70) Phenanthrene               | 11.71 | 178  | 54733    | 11.18 | ng    | 98     |
| 71) Anthracene                 | 11.76 | 178  | 23302    | 5.14  | ng    | 99     |
| 74) Fluoranthene               | 12.93 | 202  | 142451   | 28.07 | ng    | 93     |
| 77) Pyrene                     | 13.19 | 202  | 148142   | 24.06 | ng    | 99     |
| 80) Benzo(a)anthracene         | 14.56 | 228  | 96762    | 15.98 | ng    | 99     |
| 82) Chrysene                   | 14.60 | 228  | 66203    | 11.87 | ng    | 97     |
| 85) Indeno(1,2,3-cd)pyrene     | 18.01 | 276  | 58415    | 8.43  | ng    | 98     |
| 87) Benzo(b)fluoranthene       | 15.86 | 252  | 160599   | 23.66 | ng    | 99     |
| 88) Benzo(k)fluoranthene       | 15.86 | 252  | 160599   | 28.93 | ng    | 99     |
| 89) Benzo(a)pyrene             | 16.28 | 252  | 86723    | 14.58 | ng    | 98     |
| 90) Dibenzo(a,h)anthracene     | 18.02 | 278  | 14147    | 2.40  | ng    | # 83   |
| 91) Benzo(g,h,i)perylene       | 18.51 | 276  | 62131    | 10.61 | ng    | 99     |

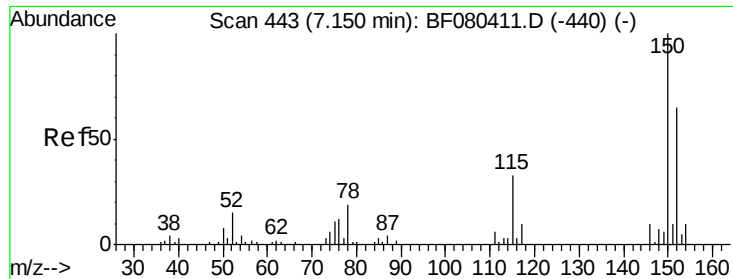
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071015\  
Data File : BF080423.D  
Acq On : 11 Jul 2015 8:53  
Operator : TP/UM  
Sample : G2925-03 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-E4

Quant Time: Jul 13 01:04:16 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 11 05:35:30 2015  
Response via : Initial Calibration



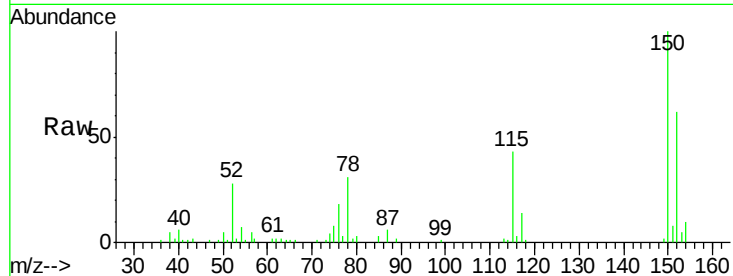


#1

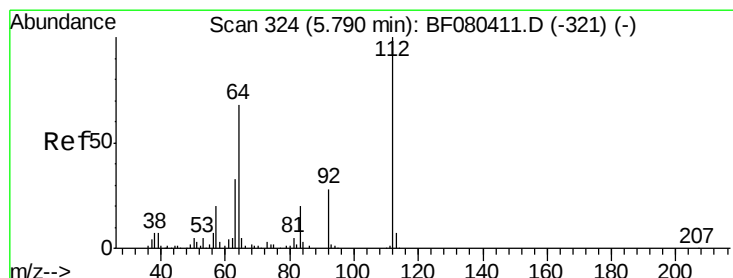
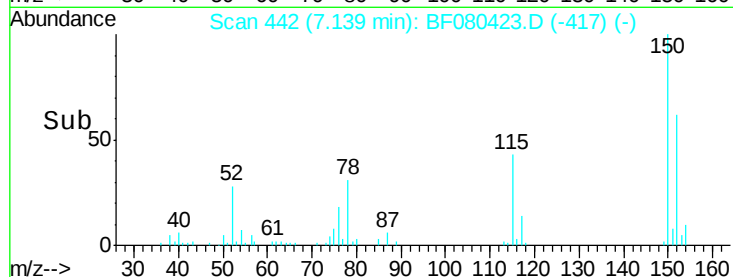
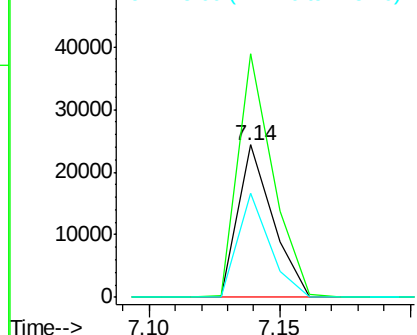
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.14 min Scan# 442  
Delta R.T. -0.01 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-E4

Tgt Ion:152 Resp: 22790  
Ion Ratio Lower Upper  
152 100  
150 160.1 122.3 183.5  
115 68.0 41.0 61.4#



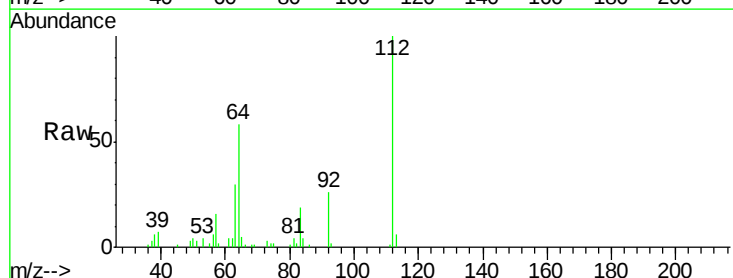
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



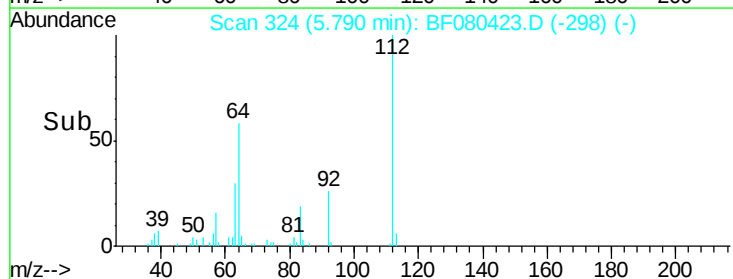
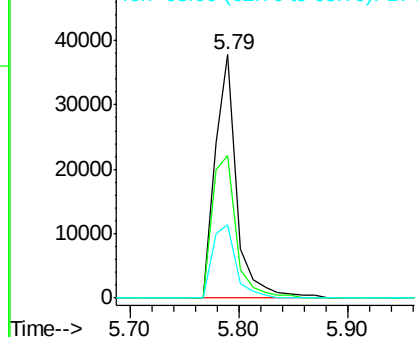
#5

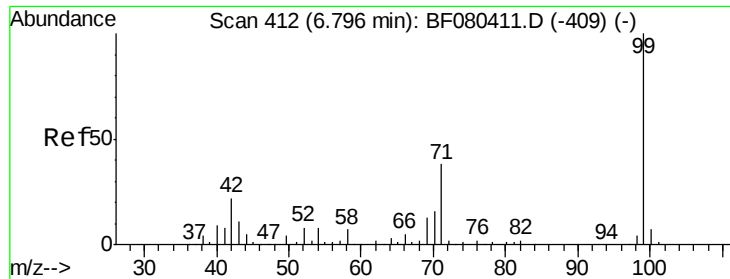
2-Fluorophenol  
Concen: 39.45 ng  
RT: 5.79 min Scan# 324  
Delta R.T. 0.00 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Tgt Ion:112 Resp: 52468  
Ion Ratio Lower Upper  
112 100  
64 58.3 54.3 81.5  
63 30.4 26.7 40.1



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: 37.52 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

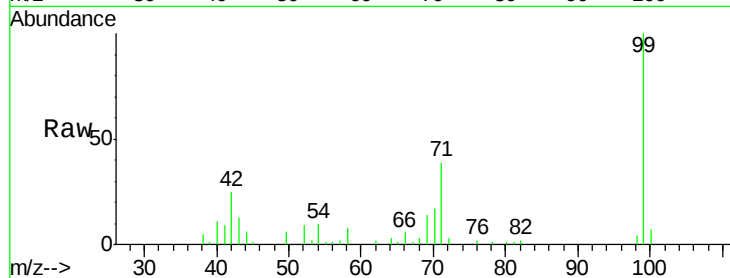
Tgt Ion: 99 Resp: 66481

Ion Ratio Lower Upper

99 100

42 25.2 17.9 26.9

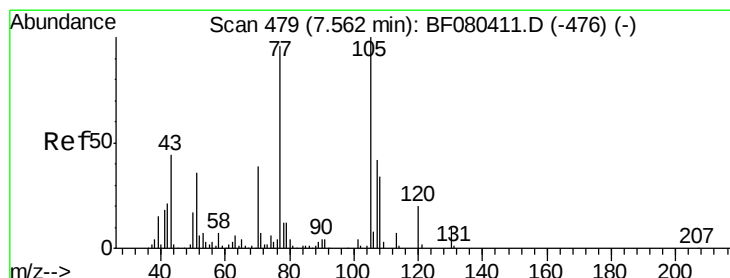
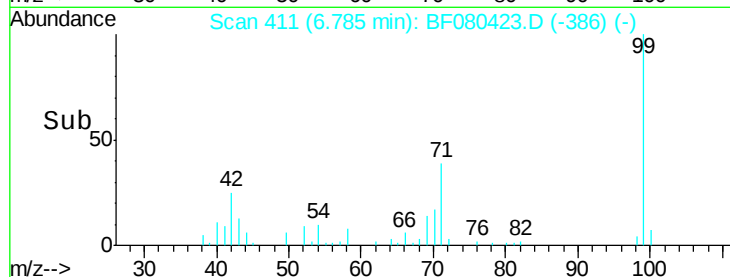
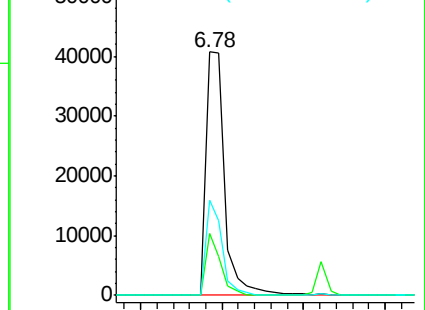
71 39.2 30.1 45.1



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: 4.11 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.15 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Tgt Ion: 70 Resp: 4986

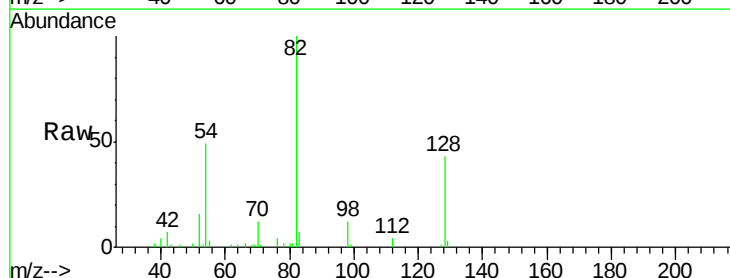
Ion Ratio Lower Upper

70 100

42 55.1 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

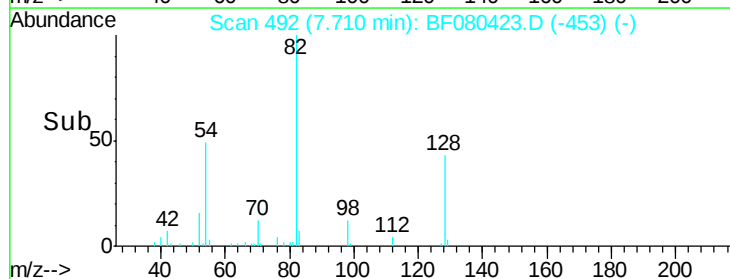
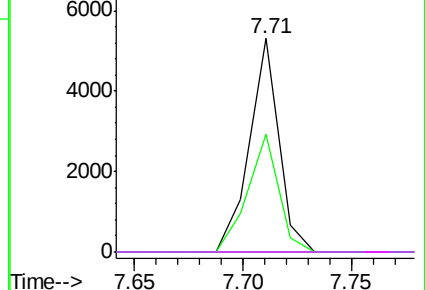


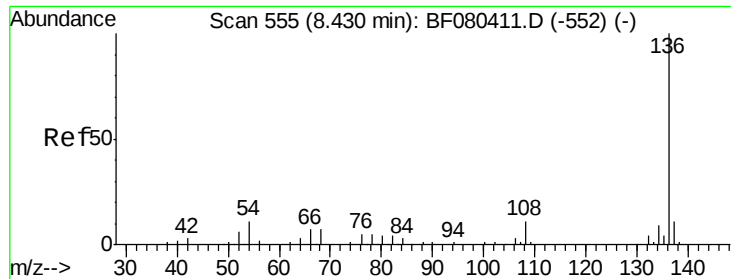
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

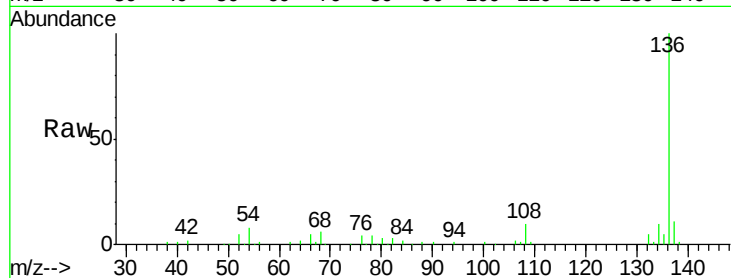




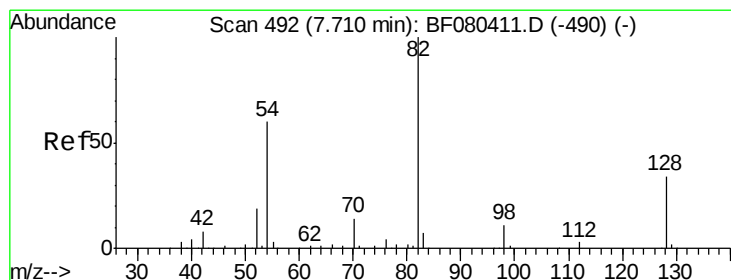
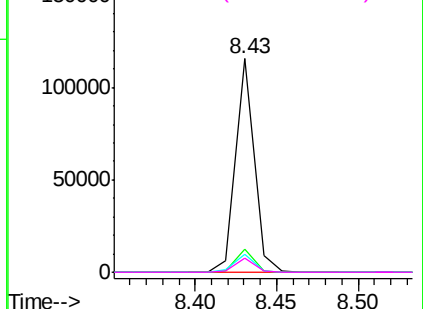
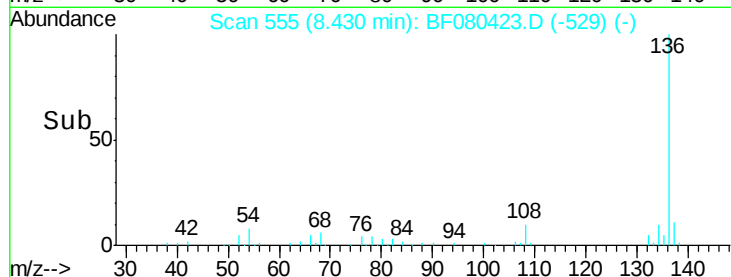
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.43 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-E4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 90126 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.5  | 9.0   | 13.4  |
| 54       | 8.5   | 9.1   | 13.7# |
| 68       | 6.3   | 5.9   | 8.9   |

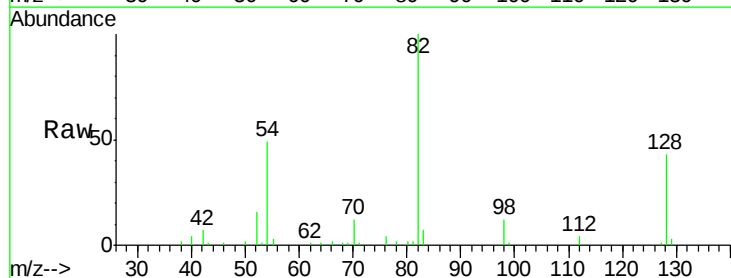


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

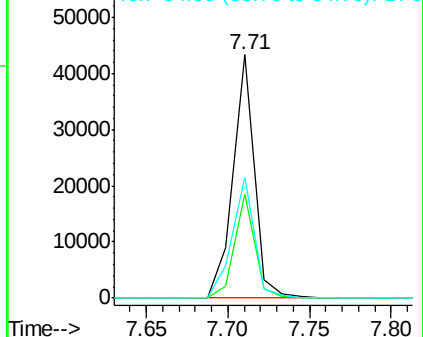
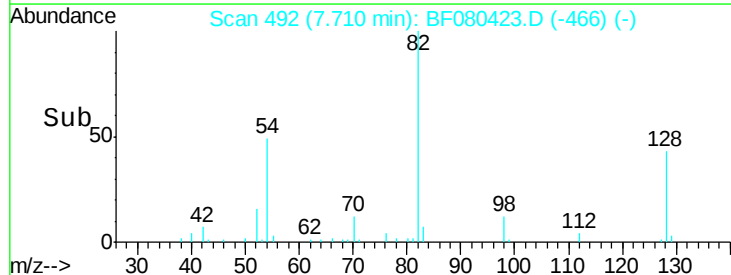


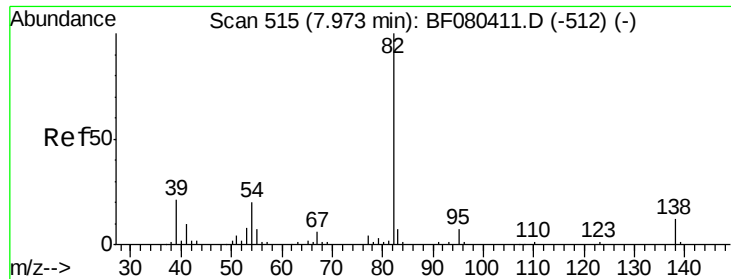
#23  
Nitrobenzene-d5  
Concen: 24.64 ng  
RT: 7.71 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 38940 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.7  | 26.9  | 40.3# |
| 54       | 49.5  | 47.7  | 71.5  |



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF0

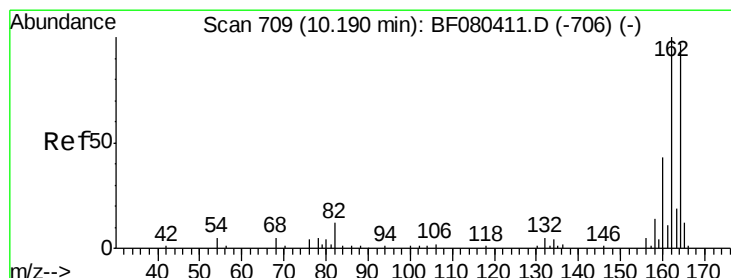
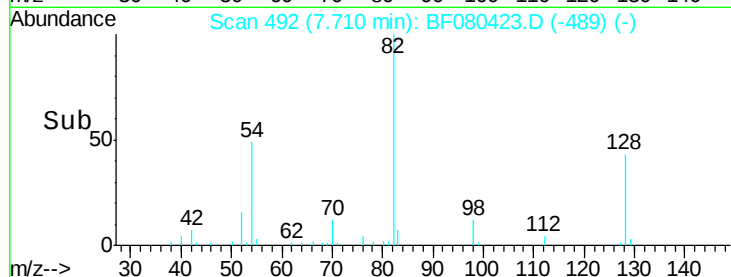
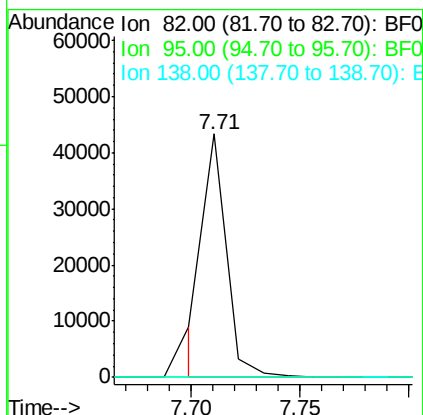
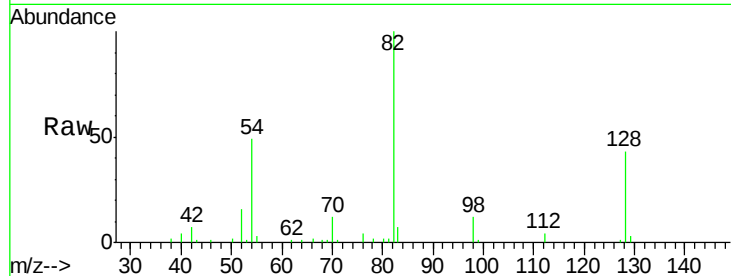




#25  
Isophorone  
Concen: 11.59 ng  
RT: 7.71 min Scan# 492  
Delta R.T. -0.26 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

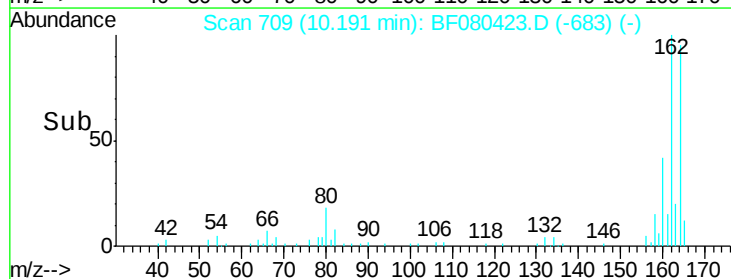
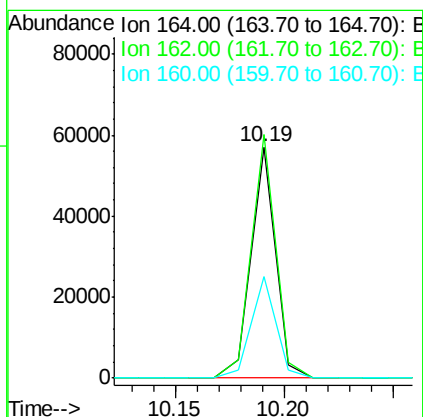
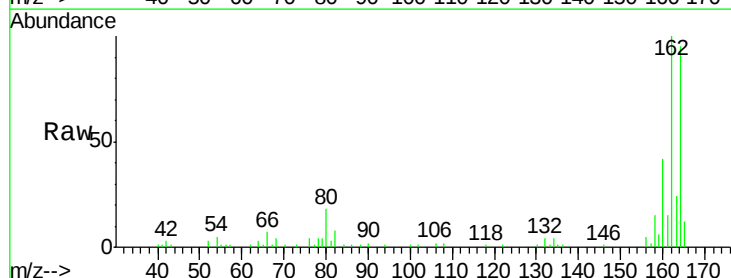
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-E4

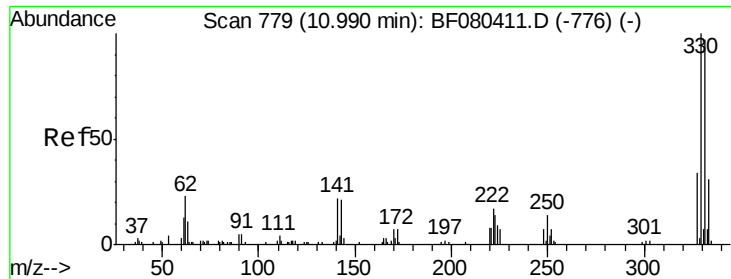
Tgt Ion: 82 Resp: 32811  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.2#  
138 0.0 9.5 14.3#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.19 min Scan# 709  
Delta R.T. 0.00 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Tgt Ion: 164 Resp: 44374  
Ion Ratio Lower Upper  
164 100  
162 105.5 82.7 124.1  
160 44.1 35.5 53.3

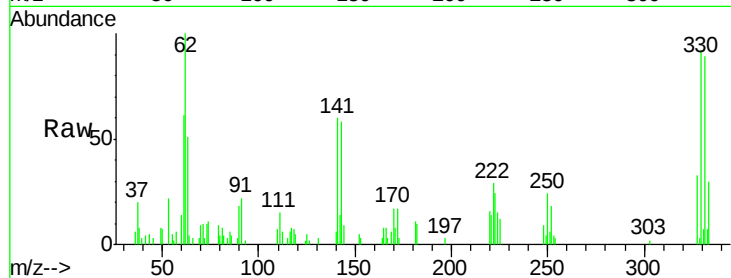




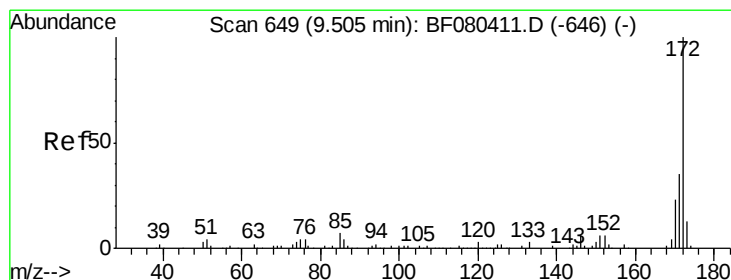
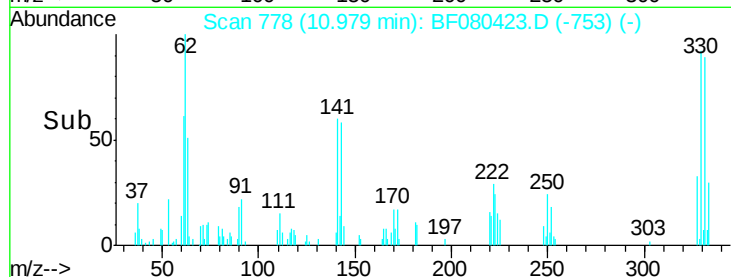
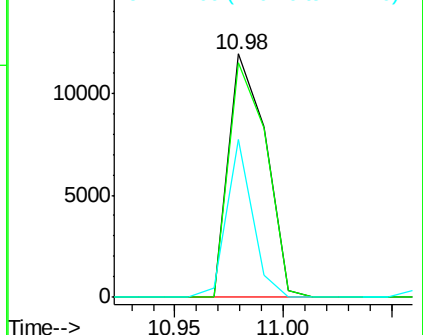
#41  
 2,4,6-Tribromophenol  
 Concen: 32.56 ng  
 RT: 10.98 min Scan# 778  
 Delta R.T. -0.01 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-E4

Tgt Ion:330 Resp: 14103  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 78.0 117.0  
 141 45.2 28.6 43.0#

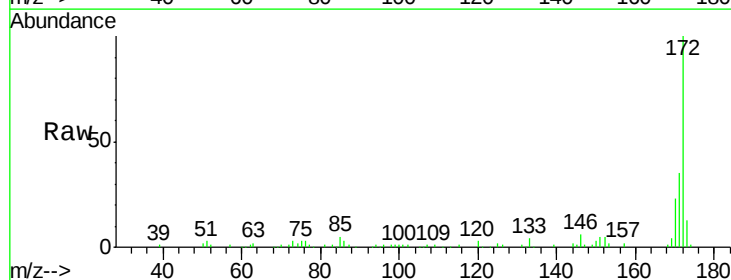


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

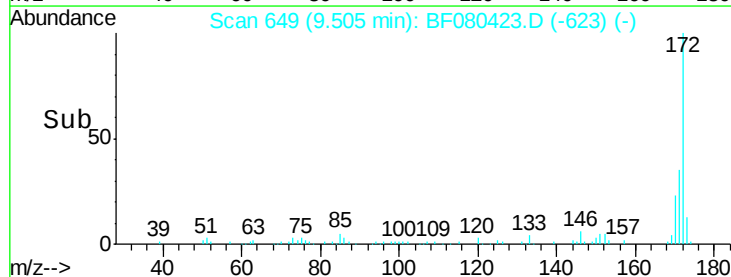
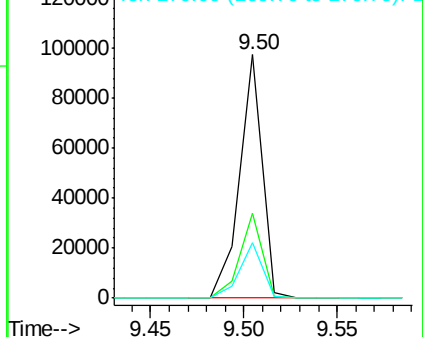


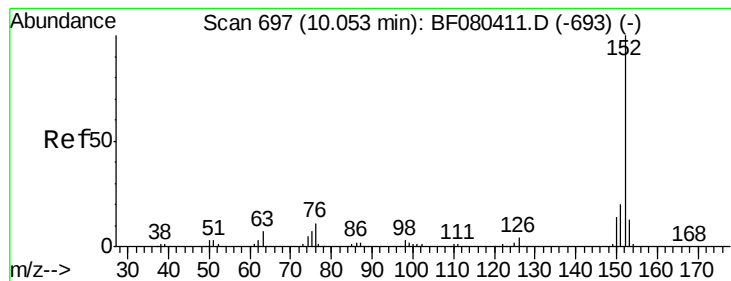
#44  
 2-Fluorobiphenyl  
 Concen: 25.12 ng  
 RT: 9.50 min Scan# 649  
 Delta R.T. 0.00 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

Tgt Ion:172 Resp: 82748  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 28.4 42.6  
 170 22.8 18.6 28.0



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





#48

Acenaphthylene

Concen: 2.14 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

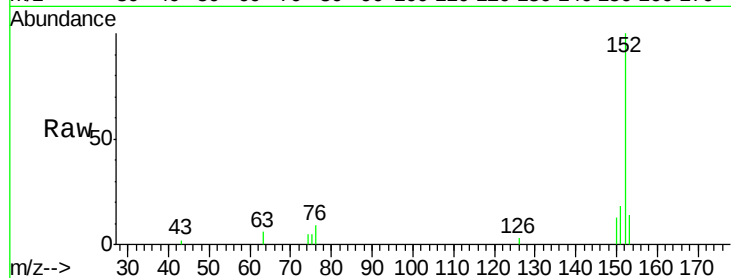
Tgt Ion:152 Resp: 10474

Ion Ratio Lower Upper

152 100

151 18.0 15.8 23.8

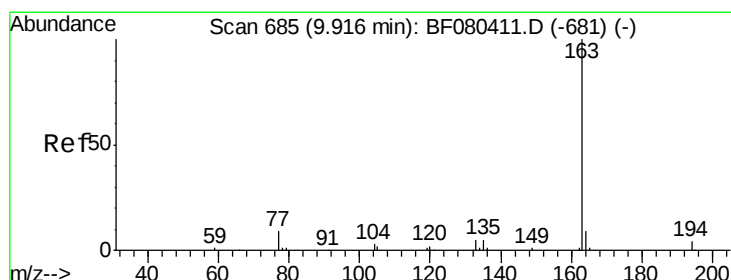
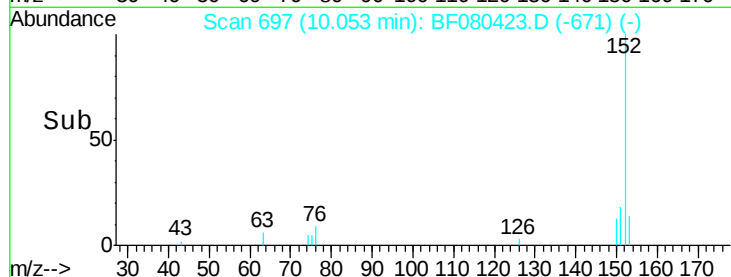
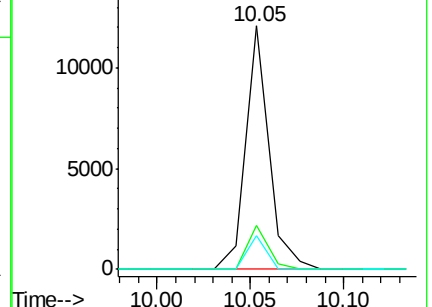
153 13.7 10.2 15.4



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



#49

Dimethylphthalate

Concen: 2.31 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

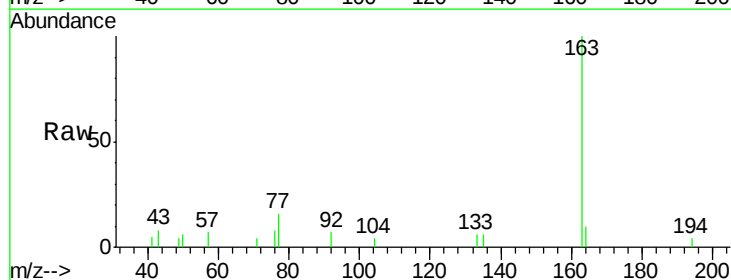
Tgt Ion:163 Resp: 7759

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

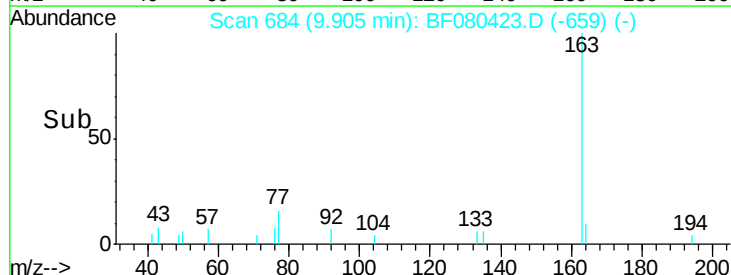
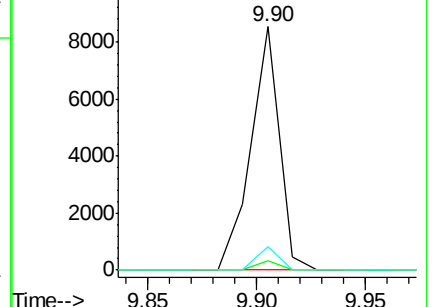
164 9.8 7.4 11.0

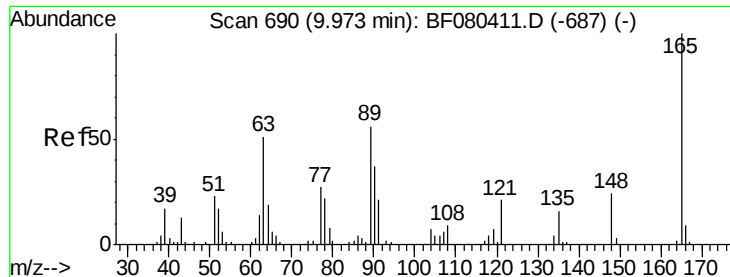


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

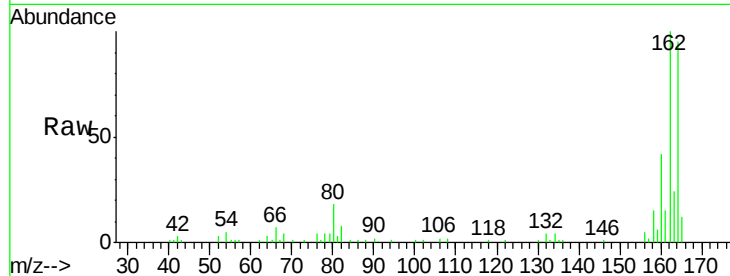




#50  
 2,6-Dinitrotoluene  
 Concen: 7.62 ng  
 RT: 10.19 min Scan# 709  
 Delta R.T. 0.22 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-E4

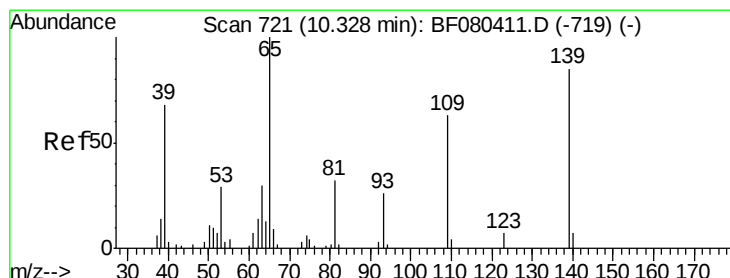
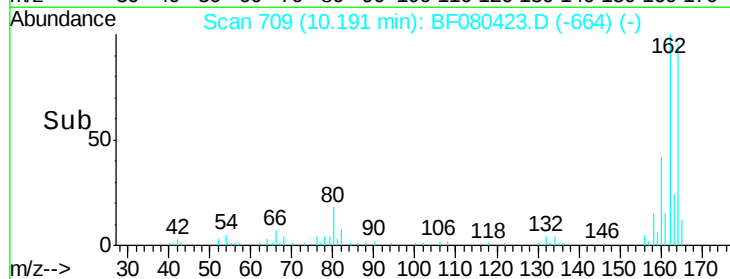
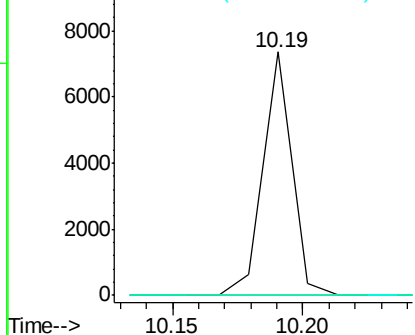
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 0.0   | 44.5  | 66.7# |
| 89      | 0.0   | 44.5  | 66.7# |



Abundance Ion 165.00 (164.70 to 165.70): E

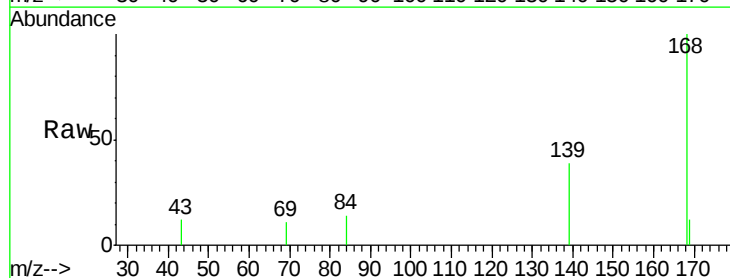
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55  
 4-Nitrophenol  
 Concen: 6.27 ng  
 RT: 10.40 min Scan# 727  
 Delta R.T. 0.07 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

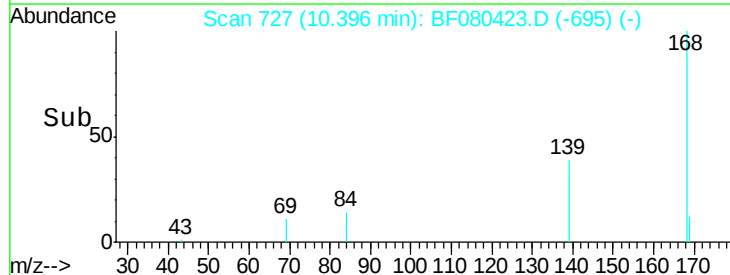
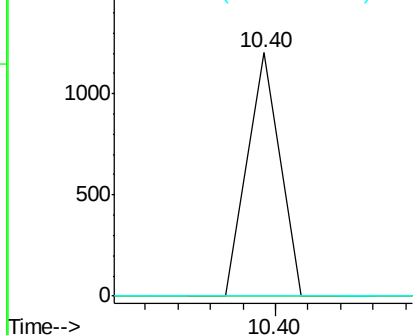
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 0.0   | 54.6  | 94.6#  |
| 65      | 0.0   | 97.8  | 137.8# |

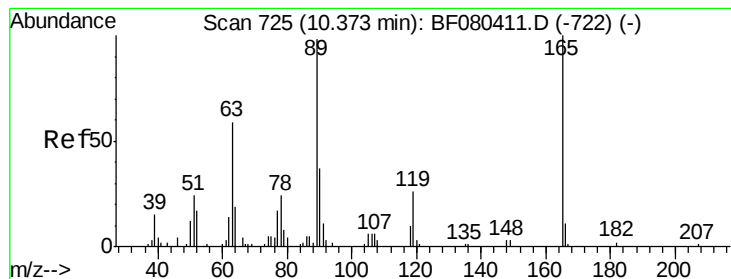


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.52 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.18 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

Tgt Ion:165 Resp: 5738

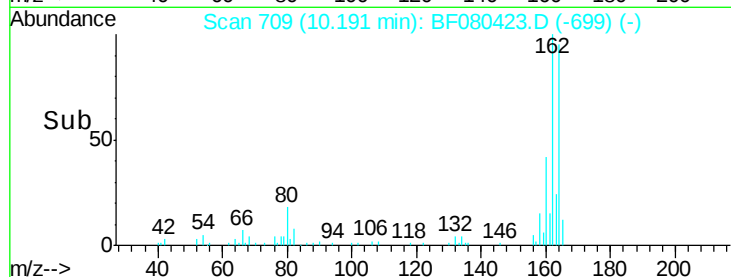
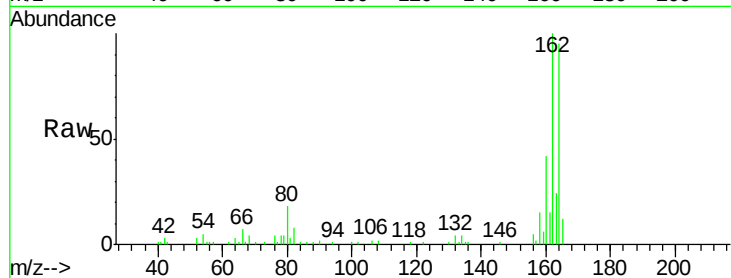
Ion Ratio Lower Upper

165 100

63 0.0 51.7 77.5#

89 0.0 78.6 117.8#

182 0.0 1.8 2.8#

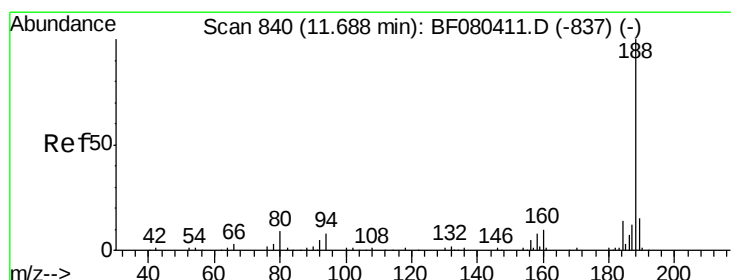
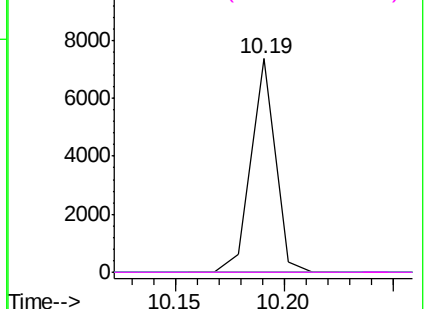


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.69 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

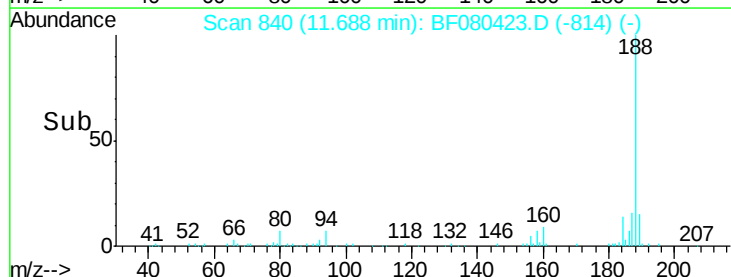
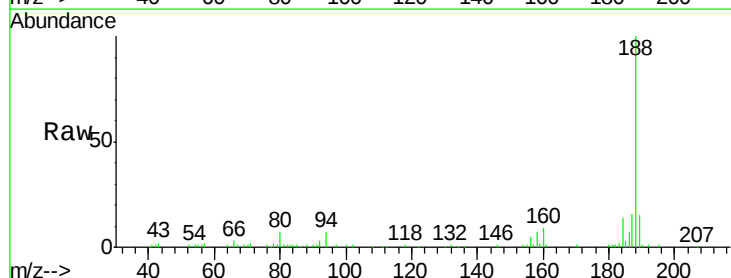
Tgt Ion:188 Resp: 81450

Ion Ratio Lower Upper

188 100

94 6.7 6.7 10.1#

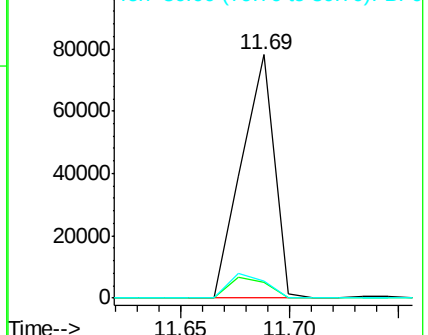
80 7.2 7.5 11.3#

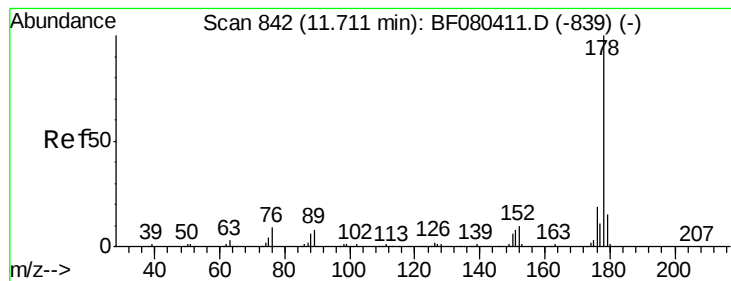


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 11.18 ng

RT: 11.71 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

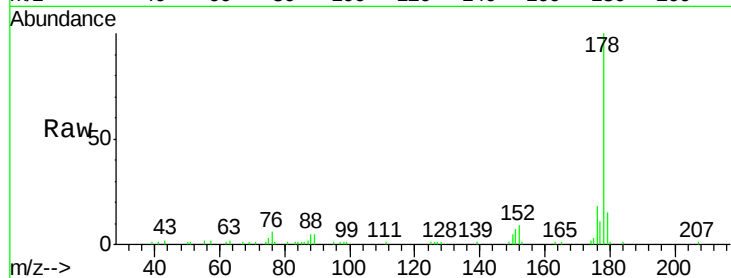
Tgt Ion:178 Resp: 54733

Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

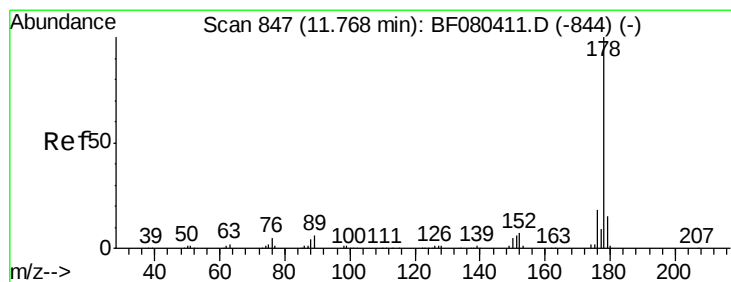
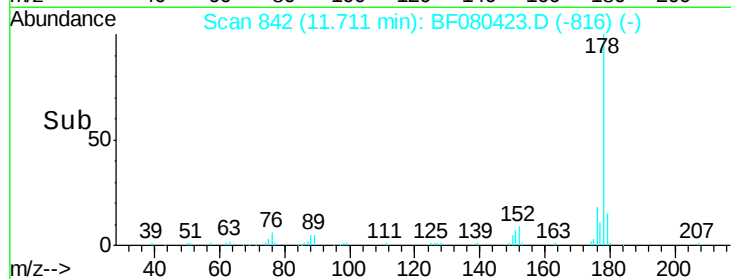
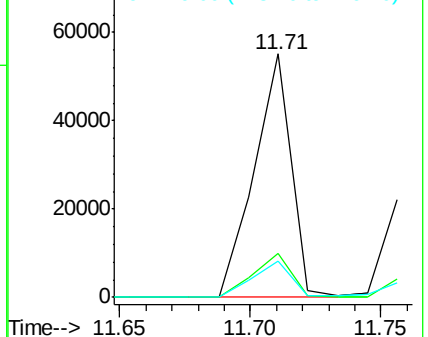
179 15.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 5.14 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

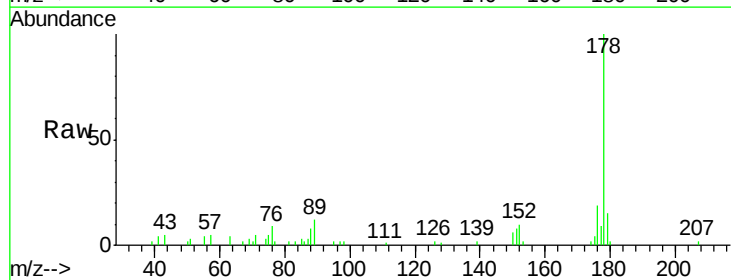
Tgt Ion:178 Resp: 23302

Ion Ratio Lower Upper

178 100

176 18.5 14.2 21.4

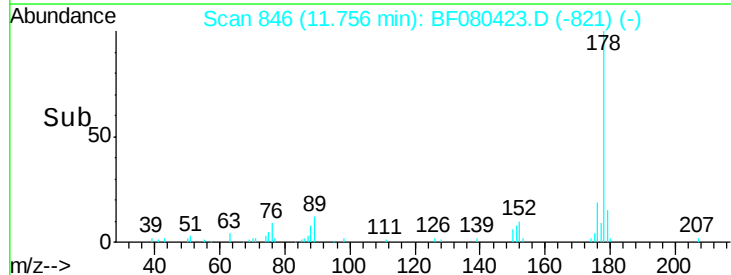
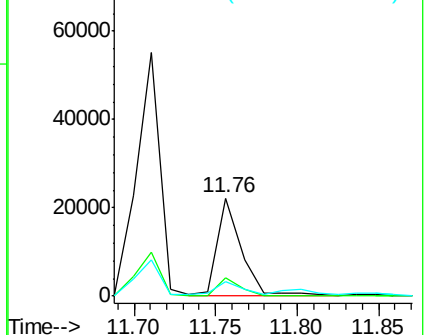
179 15.0 11.6 17.4

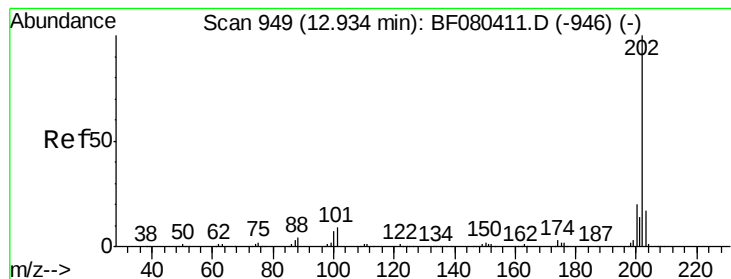


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 28.07 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

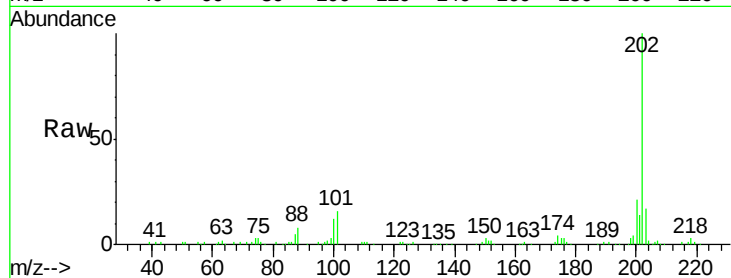
Tgt Ion: 202 Resp: 142451

Ion Ratio Lower Upper

202 100

101 15.9 0.0 28.8

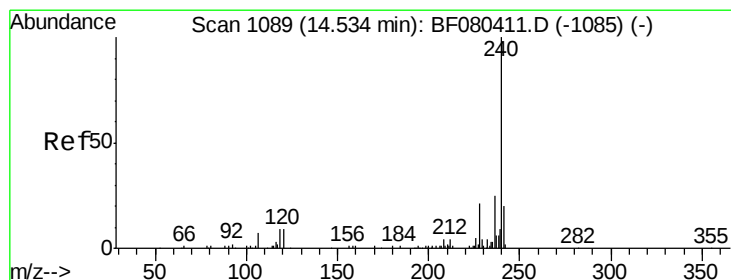
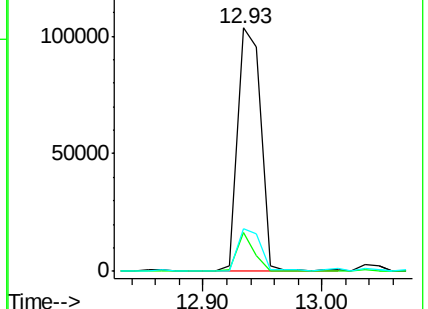
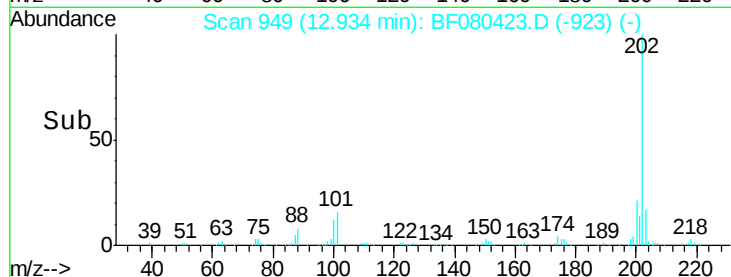
203 17.4 0.0 37.3



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: 14.57 min Scan# 1092

Delta R.T. 0.03 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

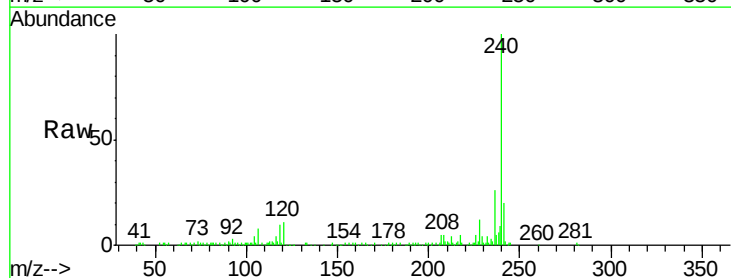
Tgt Ion: 240 Resp: 96091

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.2

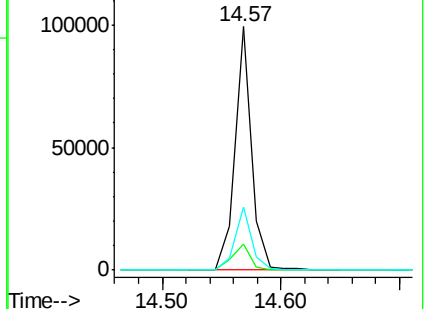
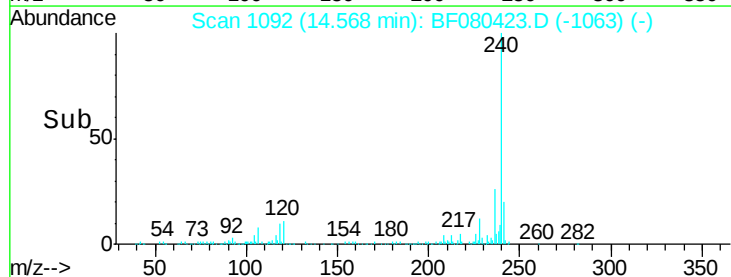
236 25.8 19.7 29.5

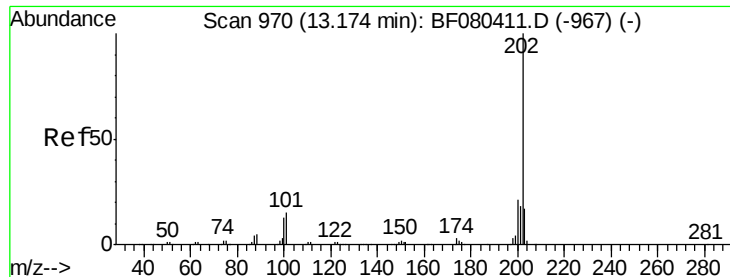


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

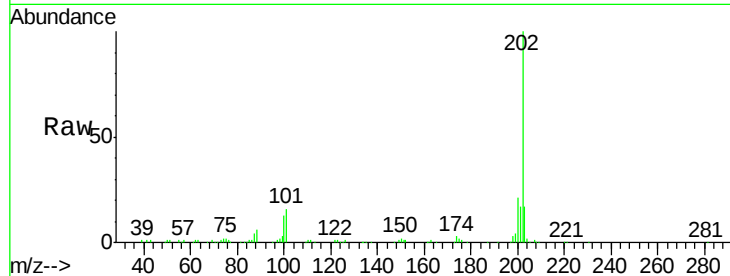




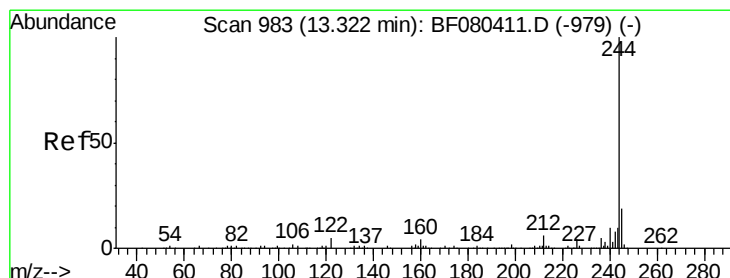
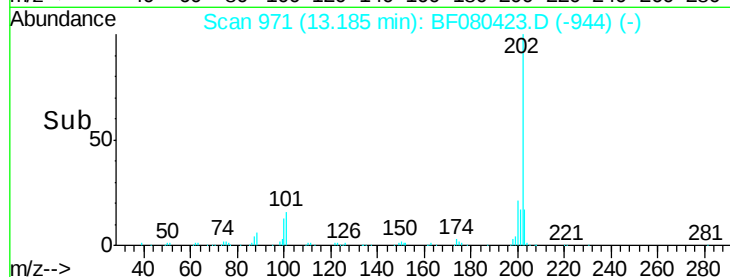
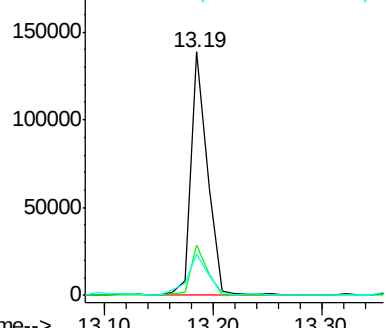
#77  
Pyrene  
Concen: 24.06 ng  
RT: 13.19 min Scan# 971  
Delta R.T. 0.01 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-E4

Tgt Ion: 202 Resp: 148142  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.6  
203 17.3 13.8 20.8

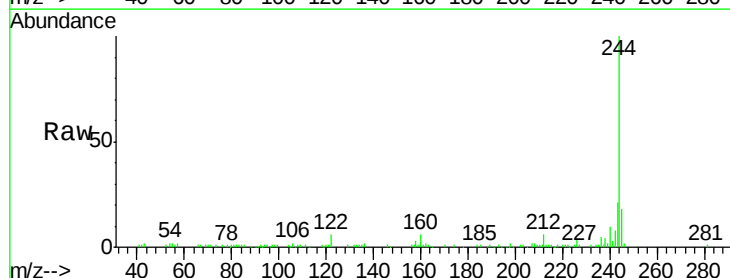


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

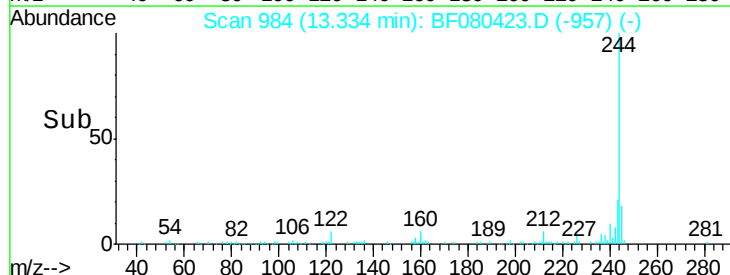
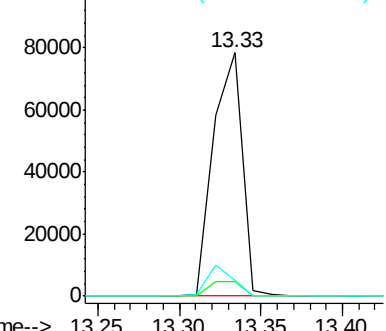


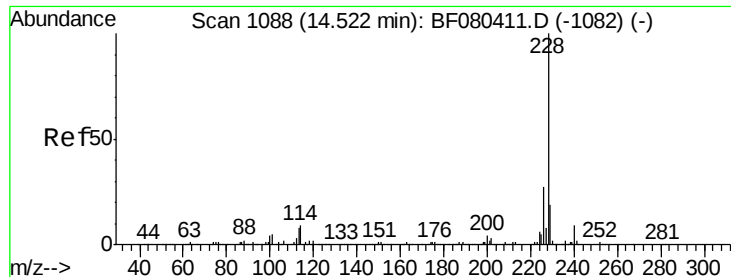
#78  
Terphenyl-d14  
Concen: 21.63 ng  
RT: 13.33 min Scan# 984  
Delta R.T. 0.01 min  
Lab File: BF080423.D  
Acq: 11 Jul 2015 8:53

Tgt Ion: 244 Resp: 95716  
Ion Ratio Lower Upper  
244 100  
212 6.1 4.9 7.3  
122 6.5 4.1 6.1#



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: 15.98 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.03 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampled :

TEC-E4

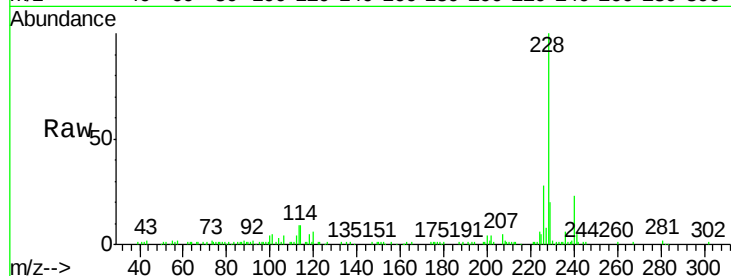
Tgt Ion:228 Resp: 96762

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

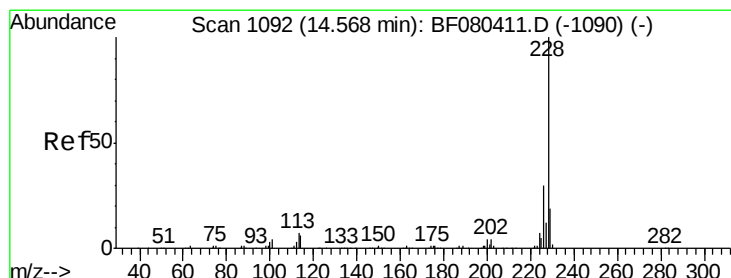
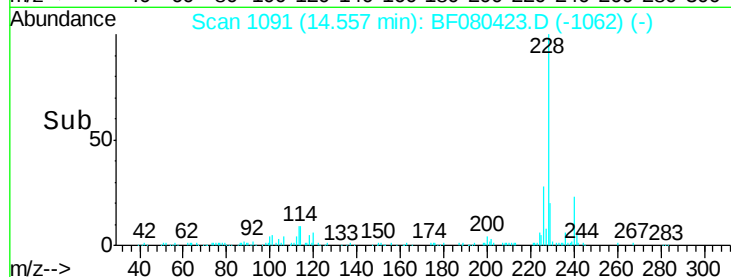
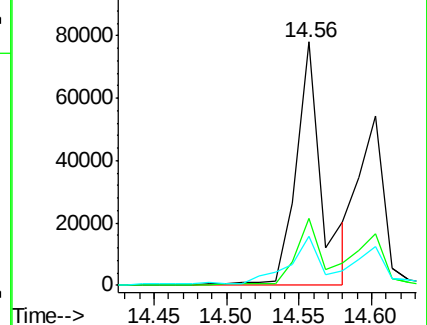
229 20.0 15.5 23.3



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: 11.87 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.03 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

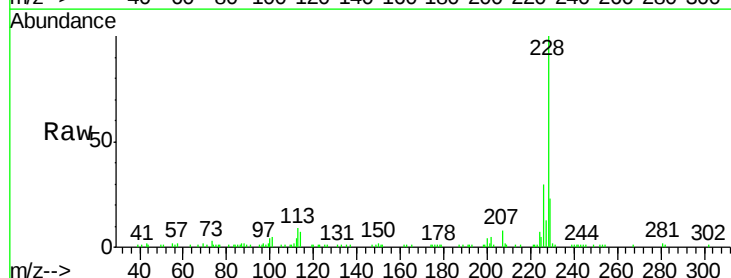
Tgt Ion:228 Resp: 66203

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

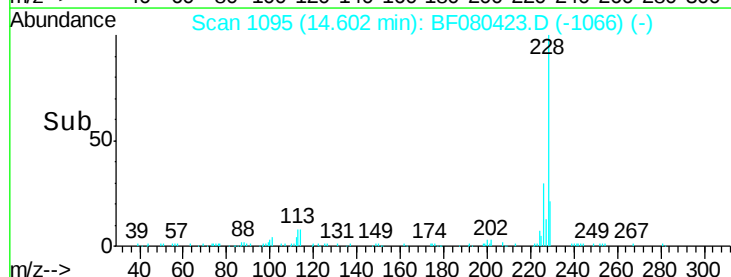
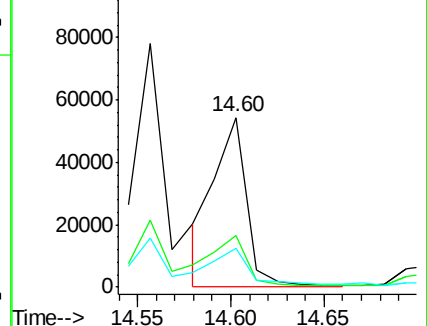
229 22.8 15.5 23.3

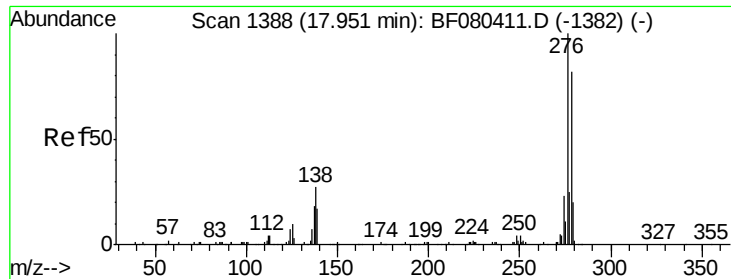


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

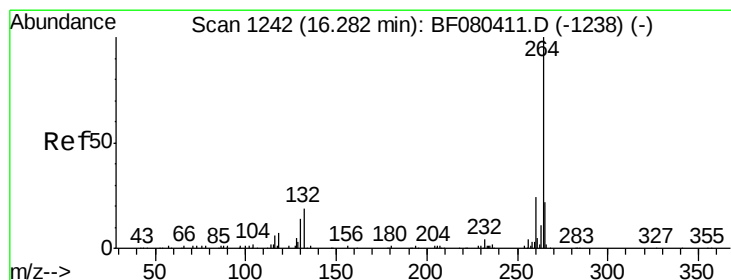
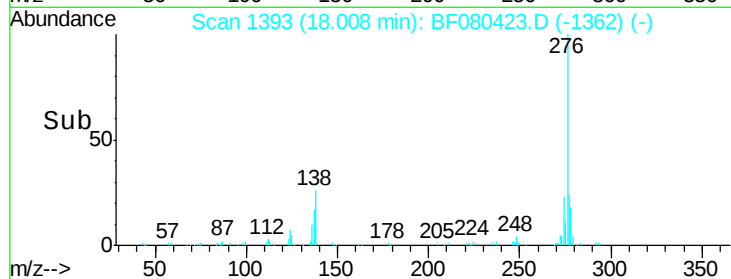
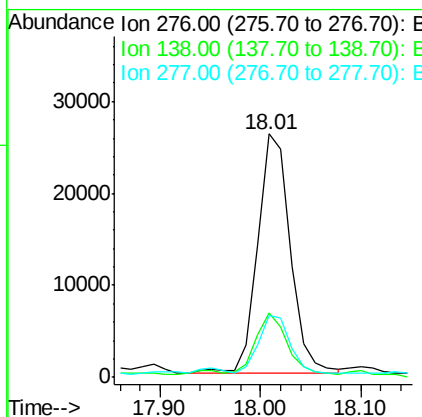
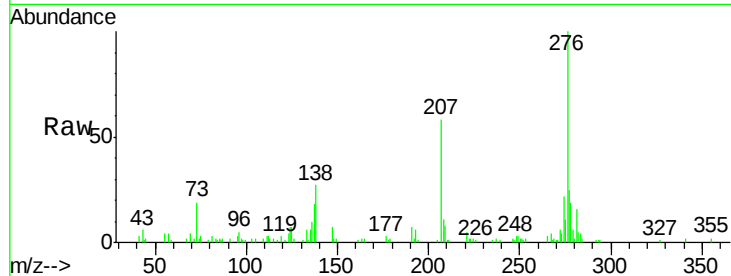




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 8.43 ng  
 RT: 18.01 min Scan# 1393  
 Delta R.T. 0.06 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

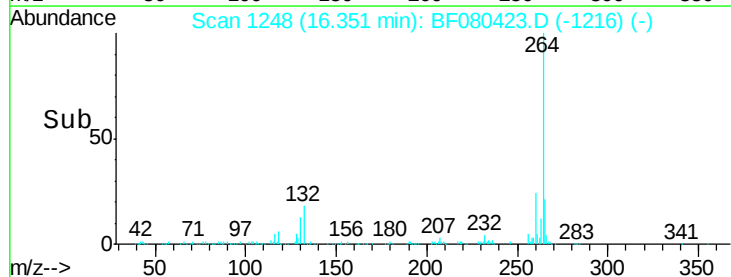
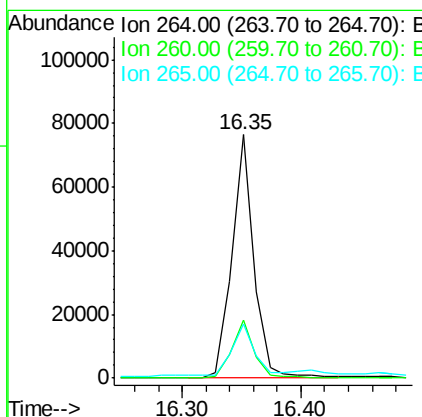
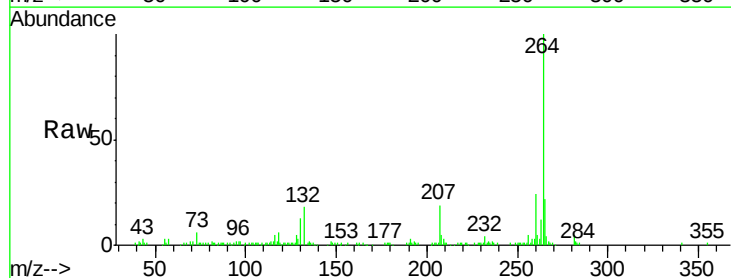
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-E4

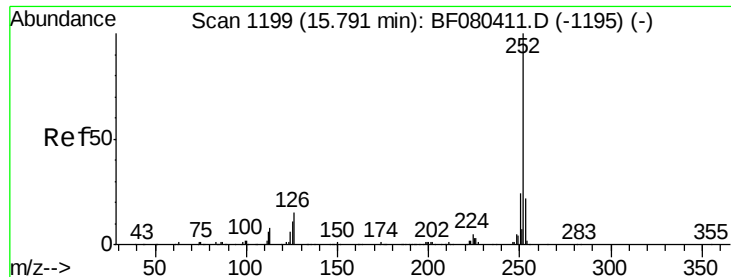
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.6  | 21.4  | 32.0  |
| 277     | 23.9  | 19.5  | 29.3  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.35 min Scan# 1248  
 Delta R.T. 0.07 min  
 Lab File: BF080423.D  
 Acq: 11 Jul 2015 8:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 19.4  | 29.2  |
| 265     | 22.3  | 17.8  | 26.8  |





#87

Benzo(b)fluoranthene

Concen: 23.66 ng

RT: 15.86 min Scan# 1205

Delta R.T. 0.07 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

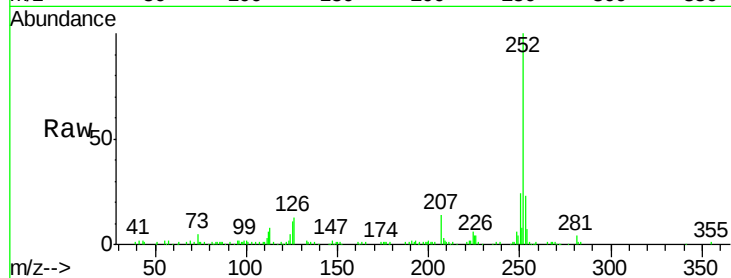
Tgt Ion:252 Resp: 160599

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

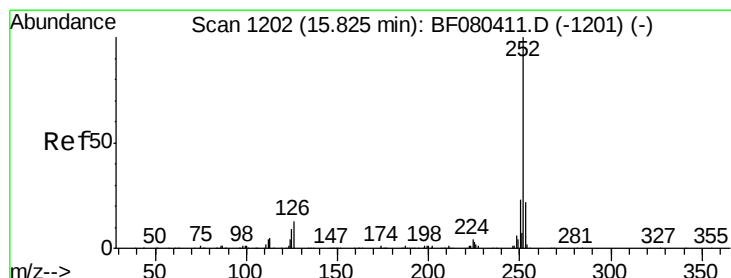
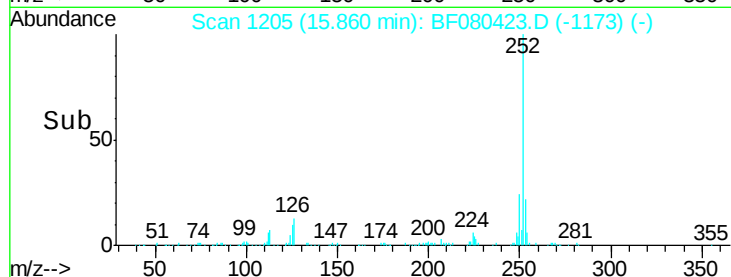
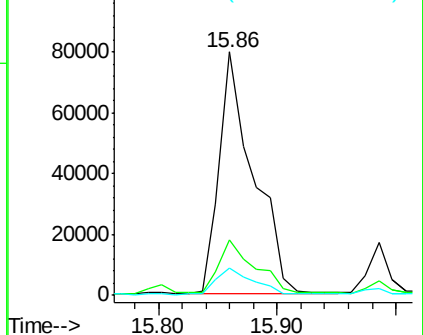
125 11.0 8.6 12.8



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: 28.93 ng

RT: 15.86 min Scan# 1205

Delta R.T. 0.03 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

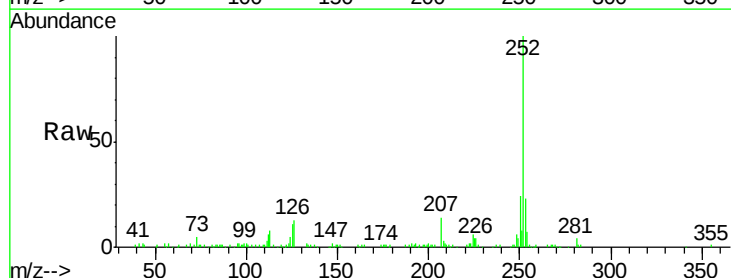
Tgt Ion:252 Resp: 160599

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

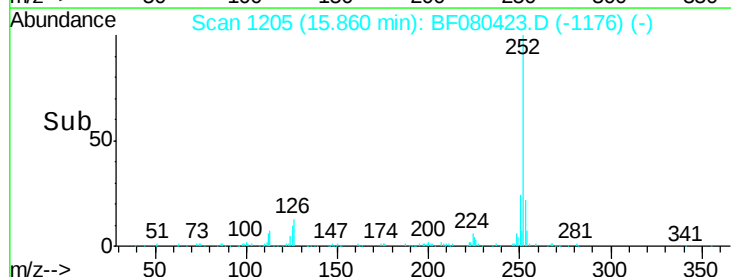
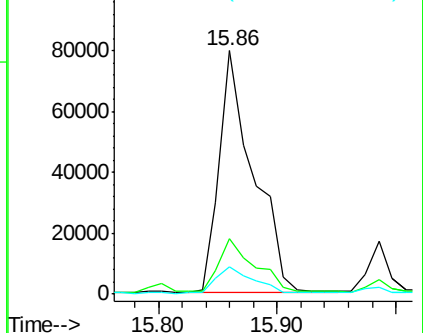
125 11.0 8.4 12.6

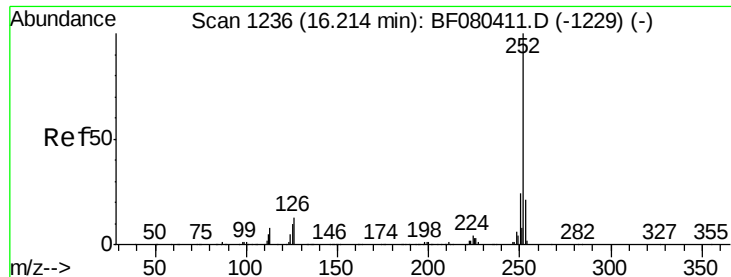


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.58 ng

RT: 16.28 min Scan# 1242

Delta R.T. 0.07 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

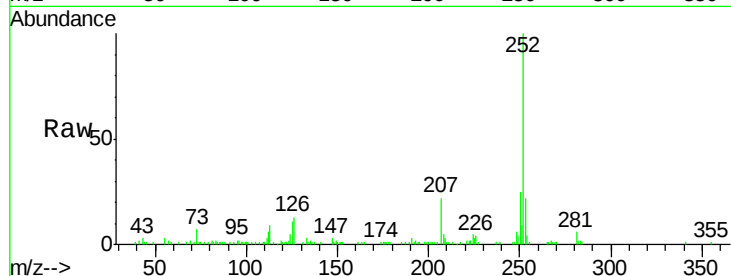
Tgt Ion:252 Resp: 86723

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

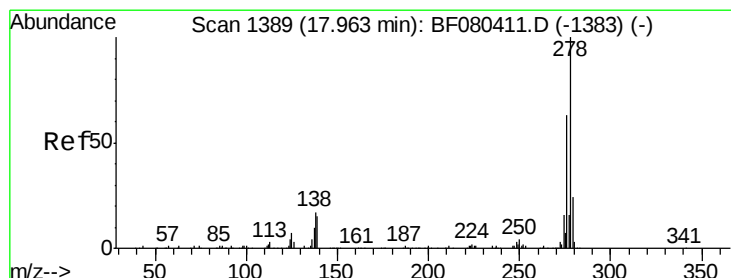
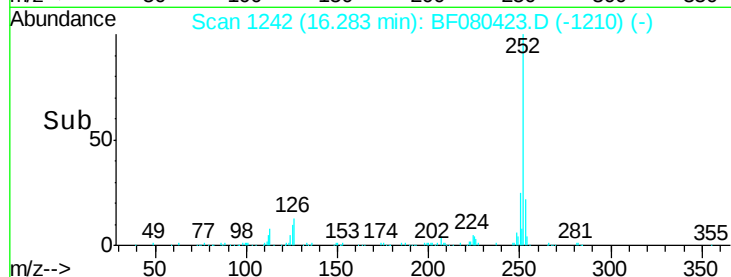
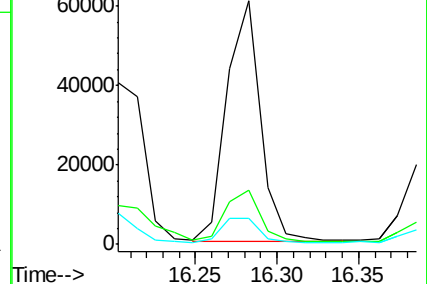
125 10.7 8.1 12.1



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: 2.40 ng

RT: 18.02 min Scan# 1394

Delta R.T. 0.06 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

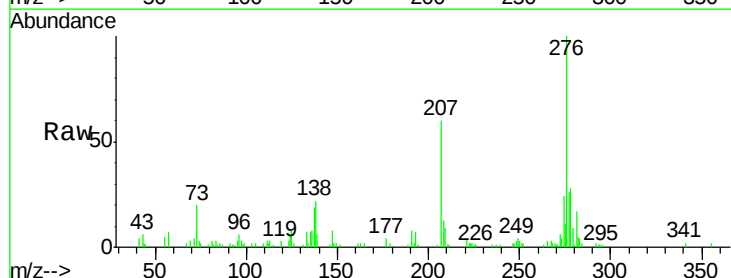
Tgt Ion:278 Resp: 14147

Ion Ratio Lower Upper

278 100

139 22.8 11.8 17.8#

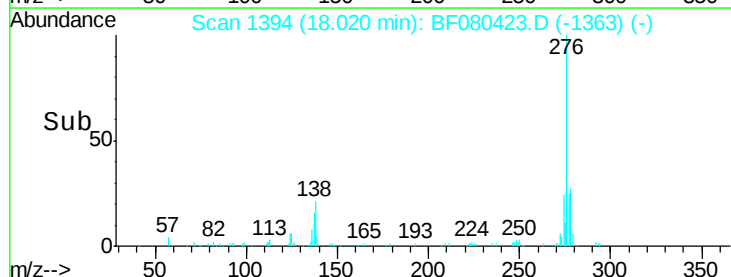
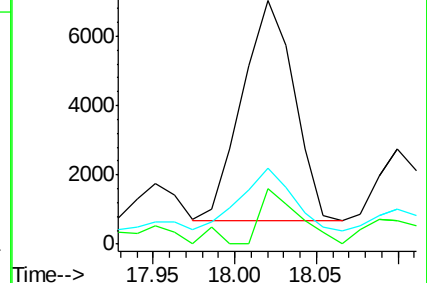
279 31.1 18.8 28.2#

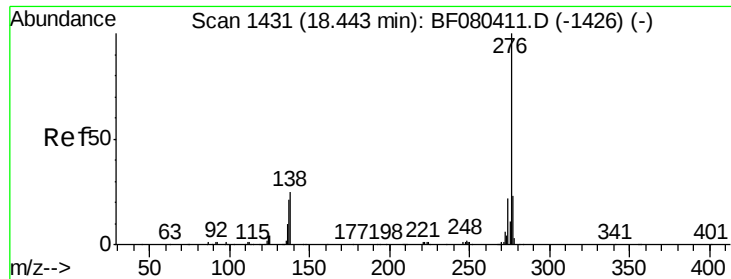


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 10.61 ng

RT: 18.51 min Scan# 1437

Delta R.T. 0.07 min

Lab File: BF080423.D

Acq: 11 Jul 2015 8:53

Instrument :

BNA\_F

ClientSampleId :

TEC-E4

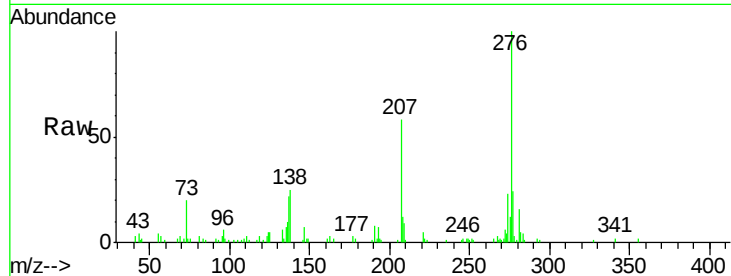
Tgt Ion: 276 Resp: 62131

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.4

138 25.3 20.3 30.5



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

