

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG022216\  
 Data File : BG021026.D  
 Acq On : 22 Feb 2016 23:00  
 Operator : UM/SJ  
 Sample : H1554-01 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EVTP1

Quant Time: Feb 23 05:50:50 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG022216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 22 23:59:16 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 8807     | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.05 | 136  | 46387    | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.84 | 164  | 29961    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.57 | 188  | 59606    | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.84 | 240  | 43411    | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 25.18 | 264  | 43375    | 20.00 | ng    | -0.02    |

|                             |       |     |       |       |    |       |
|-----------------------------|-------|-----|-------|-------|----|-------|
| System Monitoring Compounds |       |     |       |       |    |       |
| 5) 2-Fluorophenol           | 5.82  | 112 | 9893  | 21.13 | ng | -0.03 |
| 7) Phenol-d6                | 7.45  | 99  | 16124 | 24.03 | ng | -0.04 |
| 23) Nitrobenzene-d5         | 9.41  | 82  | 8402  | 13.42 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 16.32 | 330 | 8004  | 19.60 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 13.46 | 172 | 25693 | 11.97 | ng | -0.02 |
| 78) Terphenyl-d14           | 20.15 | 244 | 22415 | 9.74  | ng | -0.01 |

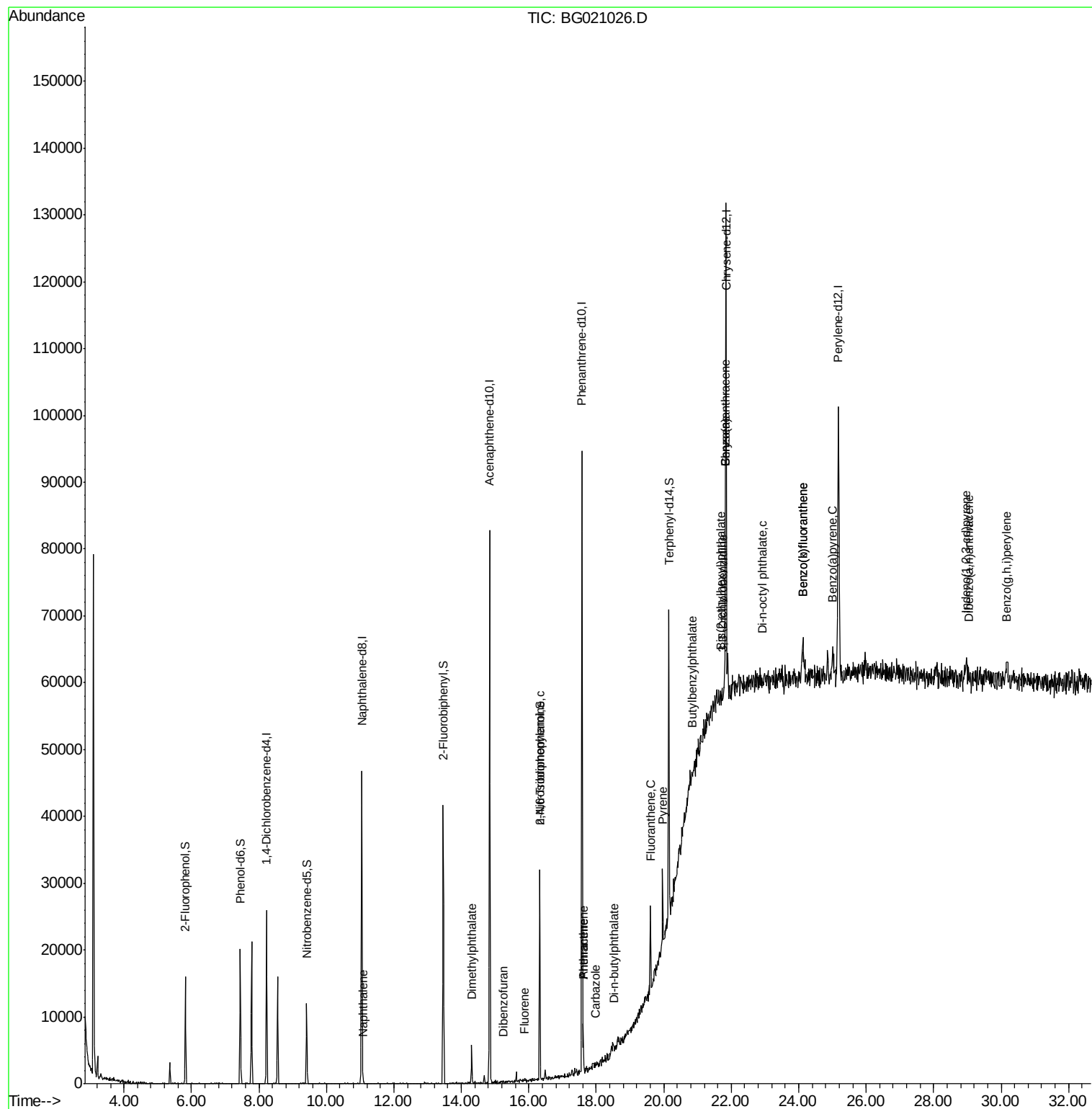
|                                |       |     |      |      |    |        |    |
|--------------------------------|-------|-----|------|------|----|--------|----|
| Target Compounds               |       |     |      |      |    | Qvalue |    |
| 31) Naphthalene                | 11.09 | 128 | 411  | 0.17 | ng | #      | 69 |
| 49) Dimethylphthalate          | 14.31 | 163 | 5127 | 2.07 | ng | #      | 91 |
| 54) Dibenzofuran               | 15.23 | 168 | 54   | 0.02 | ng | #      | 47 |
| 57) Fluorene                   | 15.88 | 166 | 58   | 0.02 | ng | #      | 84 |
| 65) n-Nitrosodiphenylamine     | 16.33 | 169 | 112  | 0.06 | ng | #      | 21 |
| 70) Phenanthrene               | 17.61 | 178 | 5145 | 1.54 | ng |        | 98 |
| 71) Anthracene                 | 17.61 | 178 | 5145 | 1.55 | ng |        | 97 |
| 72) Carbazole                  | 17.99 | 167 | 421  | 0.15 | ng | #      | 57 |
| 73) Di-n-butylphthalate        | 18.51 | 149 | 376  | 0.12 | ng | #      | 78 |
| 74) Fluoranthene               | 19.61 | 202 | 8375 | 3.01 | ng |        | 91 |
| 77) Pyrene                     | 19.96 | 202 | 7805 | 2.34 | ng |        | 97 |
| 79) Butylbenzylphthalate       | 20.83 | 149 | 113  | 0.09 | ng | #      | 30 |
| 80) Benzo(a)anthracene         | 21.82 | 228 | 4842 | 1.88 | ng |        | 98 |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252 | 57   | 0.05 | ng | #      | 25 |
| 82) Chrysene                   | 21.82 | 228 | 4842 | 1.99 | ng |        | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 214  | 0.13 | ng | #      | 55 |
| 84) Di-n-octyl phthalate       | 22.91 | 149 | 45   | 0.02 | ng | #      | 1  |
| 85) Indeno(1,2,3-cd)pyrene     | 28.96 | 276 | 1591 | 0.54 | ng | #      | 54 |
| 87) Benzo(b)fluoranthene       | 24.11 | 252 | 6716 | 2.60 | ng | #      | 82 |
| 88) Benzo(k)fluoranthene       | 24.11 | 252 | 6716 | 2.66 | ng | #      | 80 |
| 89) Benzo(a)pyrene             | 25.00 | 252 | 5465 | 2.19 | ng | #      | 87 |
| 90) Dibenzo(a,h)anthracene     | 29.03 | 278 | 293  | 0.11 | ng | #      | 28 |
| 91) Benzo(g,h,i)perylene       | 30.17 | 276 | 4096 | 1.65 | ng |        | 96 |

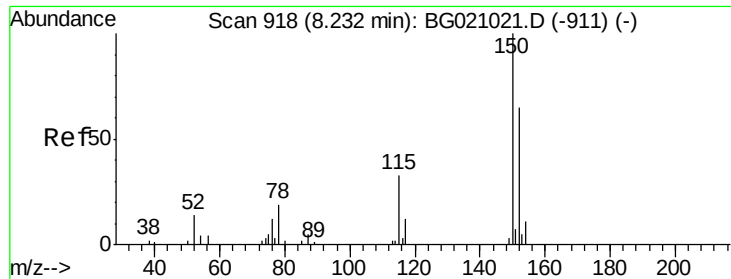
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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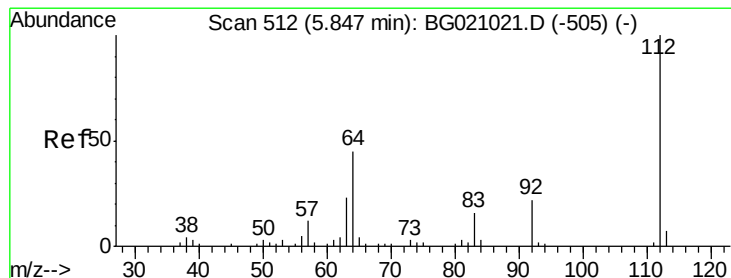
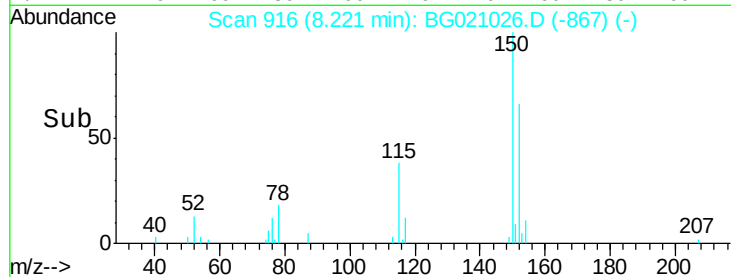
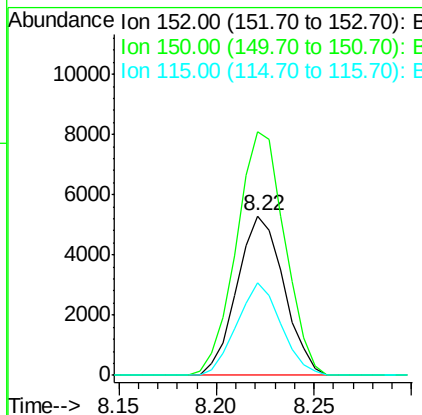
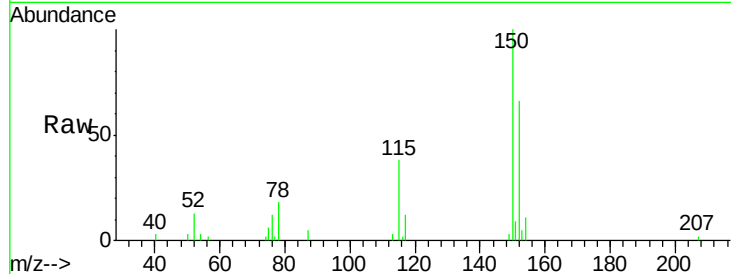


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.22 min Scan# 916  
Delta R.T. -0.01 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

Instrument :  
BNA\_G  
ClientSampled :  
EVTP1

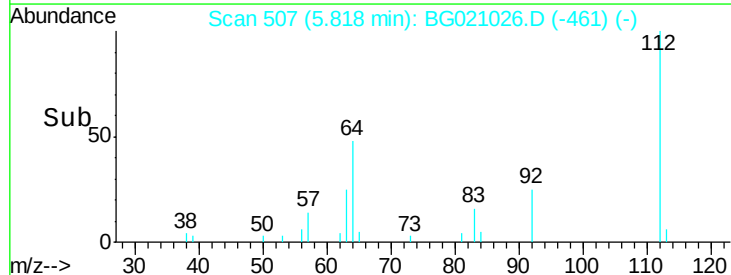
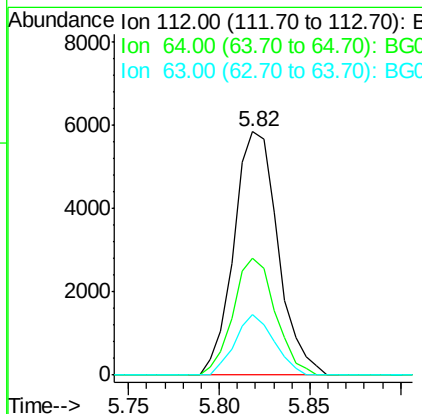
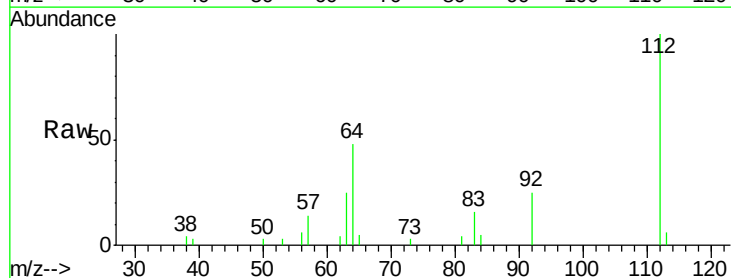
Tgt Ion:152 Resp: 8807  
Ion Ratio Lower Upper  
152 100  
150 152.5 122.5 183.7  
115 57.7 40.1 60.1

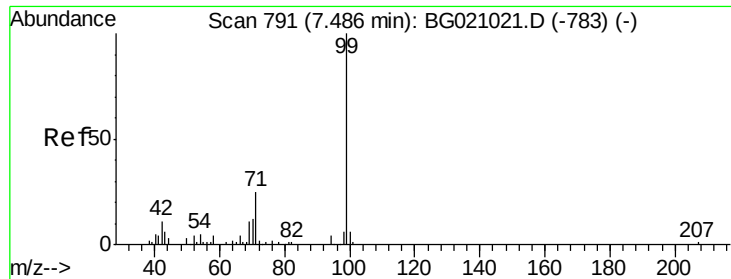


#5

2-Fluorophenol  
Concen: 21.13 ng  
RT: 5.82 min Scan# 507  
Delta R.T. -0.03 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

Tgt Ion:112 Resp: 9893  
Ion Ratio Lower Upper  
112 100  
64 48.0 35.8 53.8  
63 24.9 18.6 27.8





#7

Phenol-d6

Concen: 24.03 ng

RT: 7.45 min Scan# 784

Delta R.T. -0.04 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

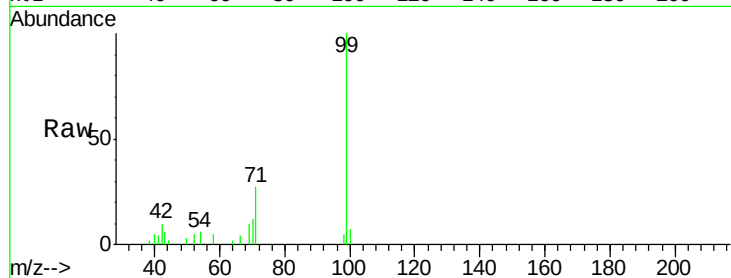
Tgt Ion: 99 Resp: 16124

Ion Ratio Lower Upper

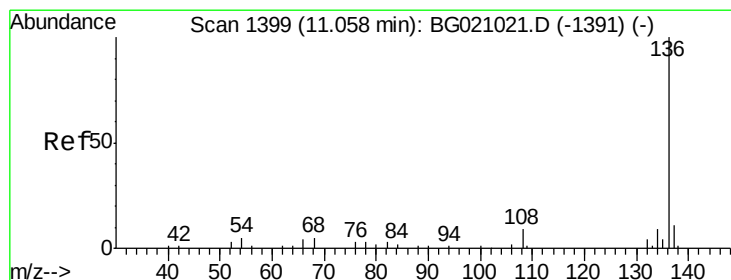
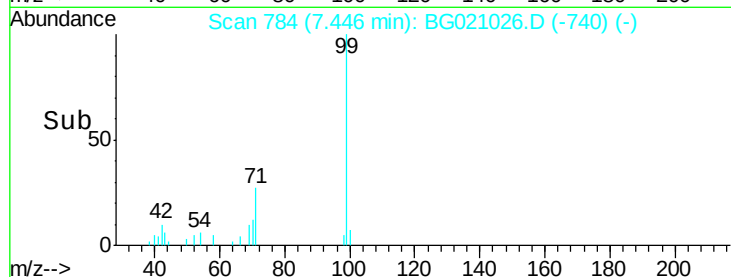
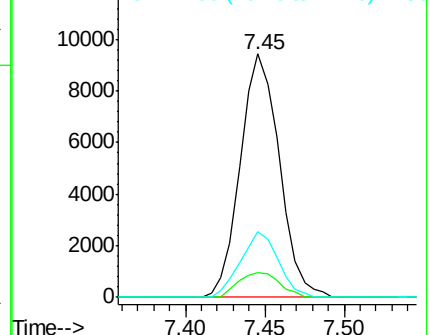
99 100

42 10.3 8.6 13.0

71 26.9 20.1 30.1



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Tgt Ion: 136 Resp: 46387

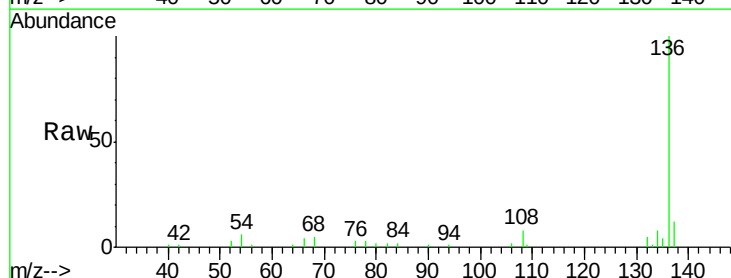
Ion Ratio Lower Upper

136 100

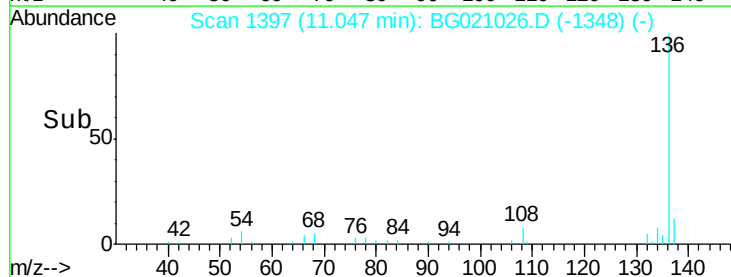
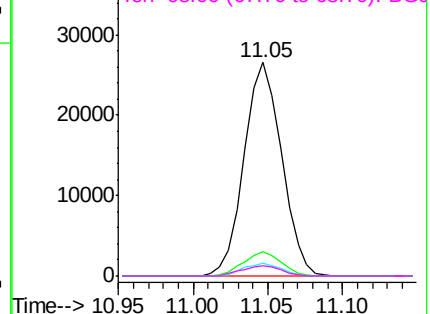
137 11.6 9.0 13.4

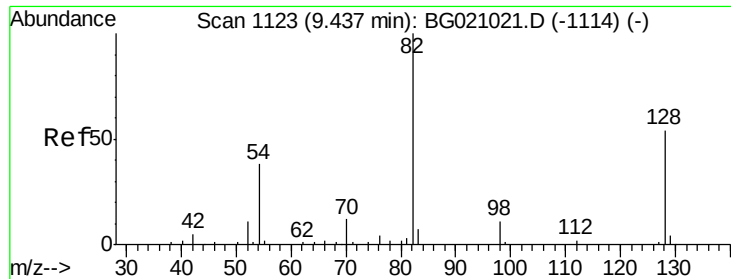
54 5.9 4.2 6.2

68 4.9 4.3 6.5



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

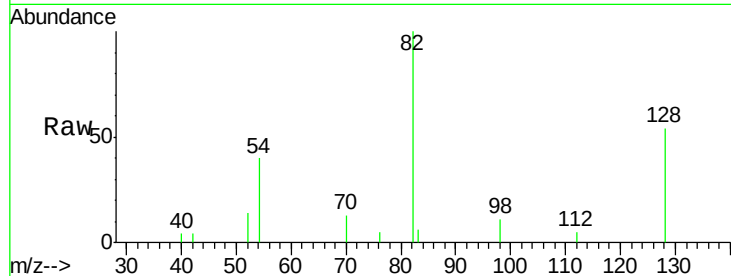




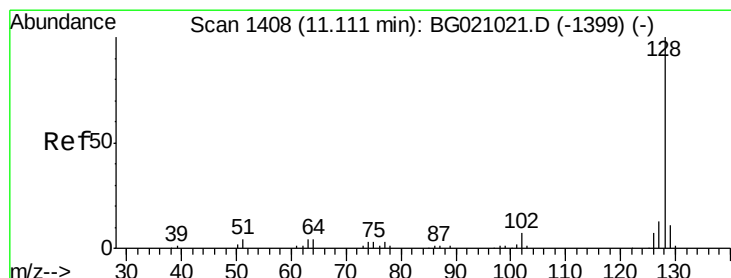
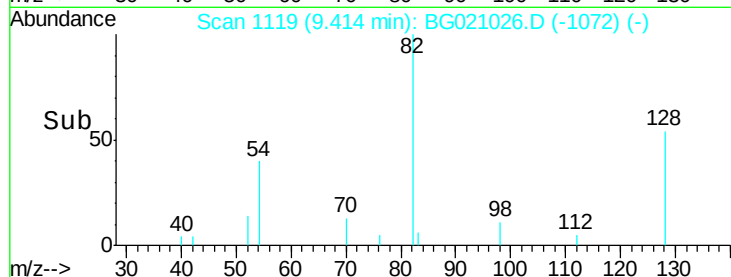
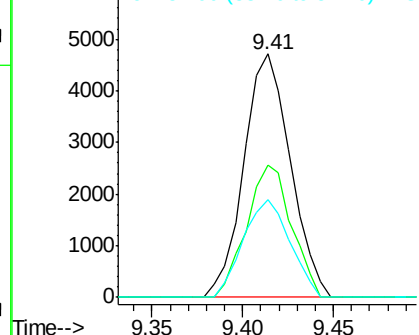
#23  
Nitrobenzene-d5  
Concen: 13.42 ng  
RT: 9.41 min Scan# 1119  
Delta R.T. -0.02 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

Instrument :  
BNA\_G  
ClientSampleId :  
EVTP1

Tgt Ion: 82 Resp: 8402  
Ion Ratio Lower Upper  
82 100  
128 54.3 43.4 65.0  
54 40.3 30.1 45.1

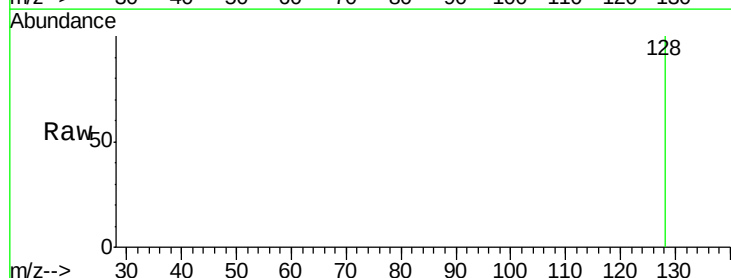


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

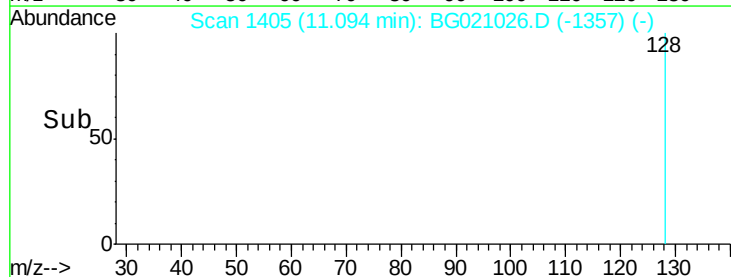
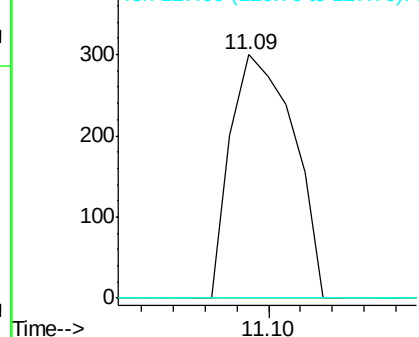


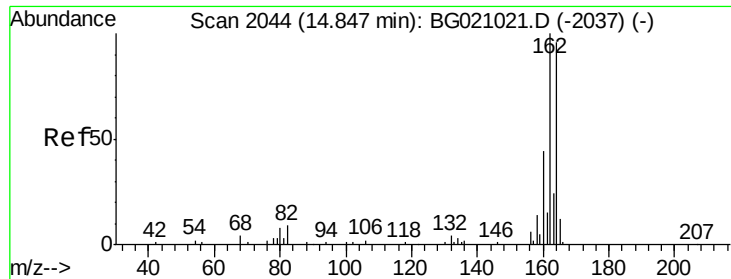
#31  
Naphthalene  
Concen: 0.17 ng  
RT: 11.09 min Scan# 1405  
Delta R.T. -0.02 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

Tgt Ion: 128 Resp: 411  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.7 13.1#  
127 0.0 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 129.00 (128.70 to 129.70): BGC  
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampled :

EVTP1

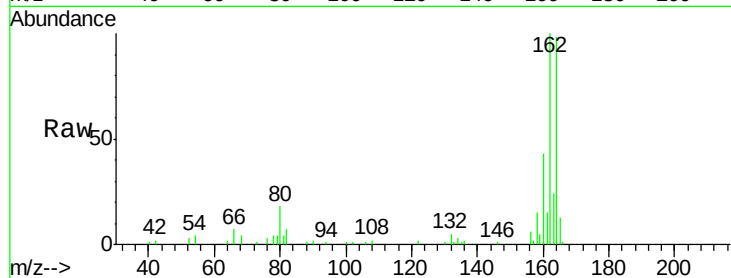
Tgt Ion:164 Resp: 29961

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.2

160 43.5 37.0 55.4

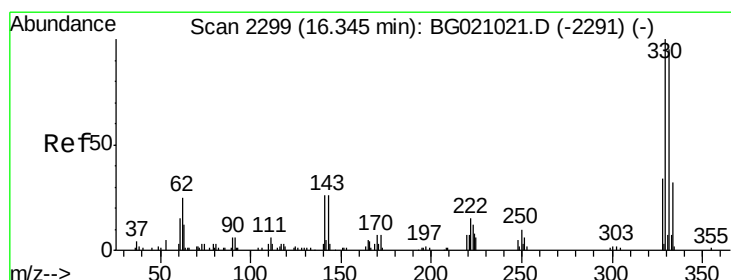
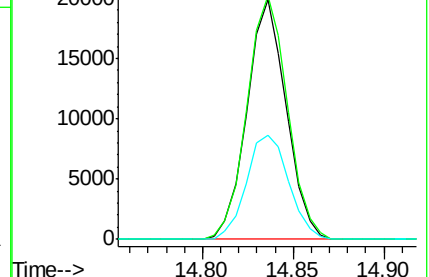
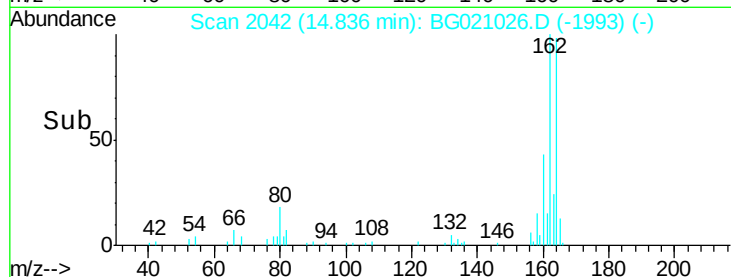


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 19.60 ng

RT: 16.32 min Scan# 2295

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

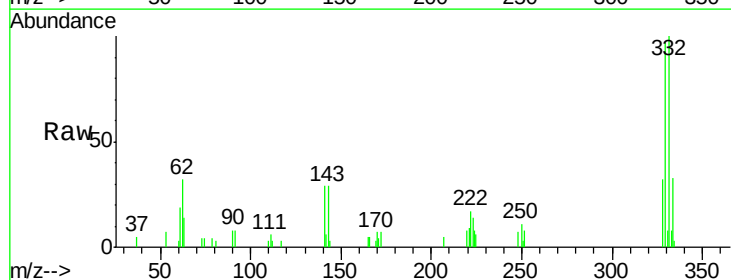
Tgt Ion:330 Resp: 8004

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 28.2 23.5 35.3

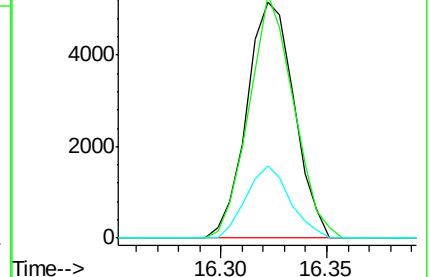
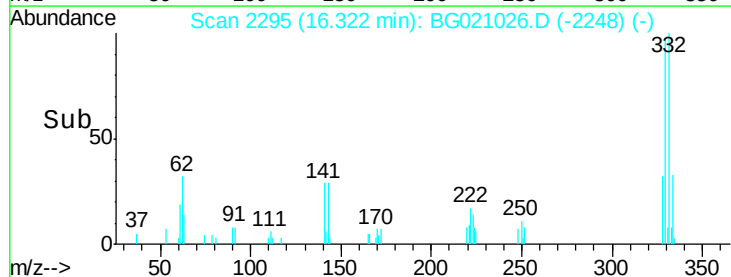


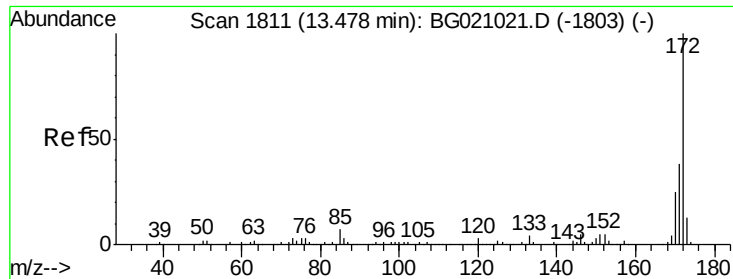
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

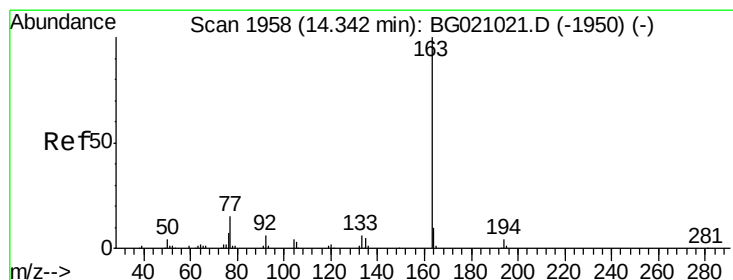
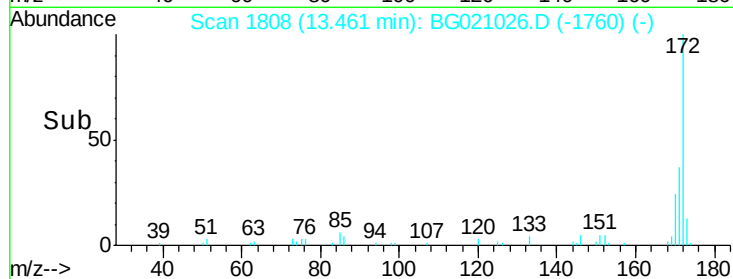
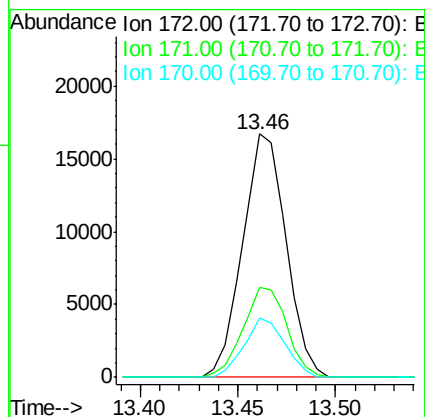
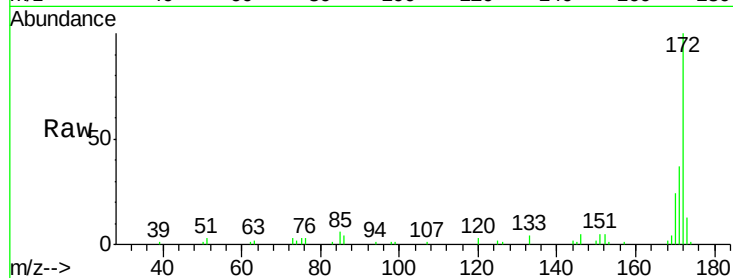




#44  
2-Fluorobiphenyl  
Concen: 11.97 ng  
RT: 13.46 min Scan# 1808  
Delta R.T. -0.02 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

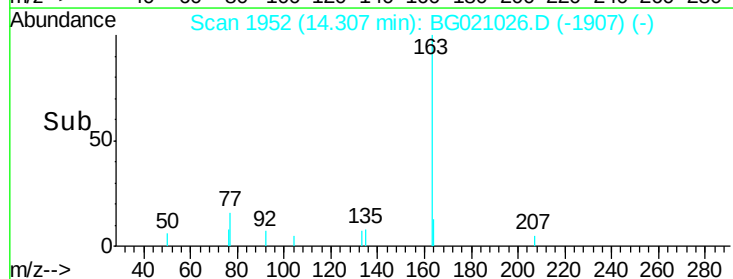
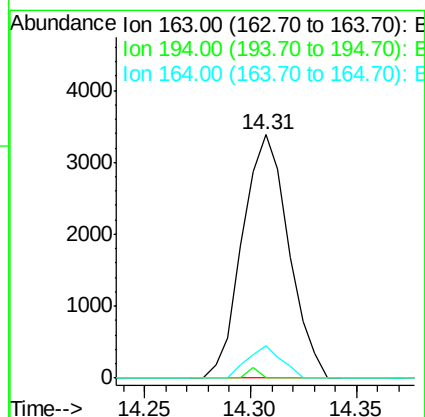
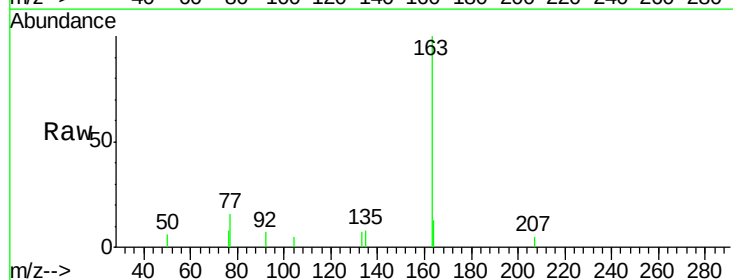
Instrument :  
BNA\_G  
ClientSampleId :  
EVTP1

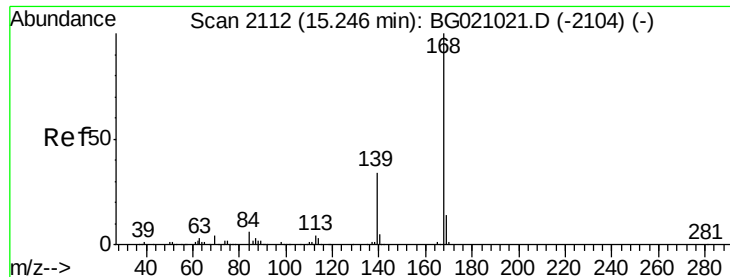
Tgt Ion:172 Resp: 25693  
Ion Ratio Lower Upper  
172 100  
171 37.2 30.3 45.5  
170 24.2 19.8 29.8



#49  
Dimethylphthalate  
Concen: 2.07 ng  
RT: 14.31 min Scan# 1952  
Delta R.T. -0.03 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

Tgt Ion:163 Resp: 5127  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.2 4.8#  
164 13.2 8.1 12.1#





#54

Dibenzenofuran

Concen: 0.02 ng

RT: 15.23 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

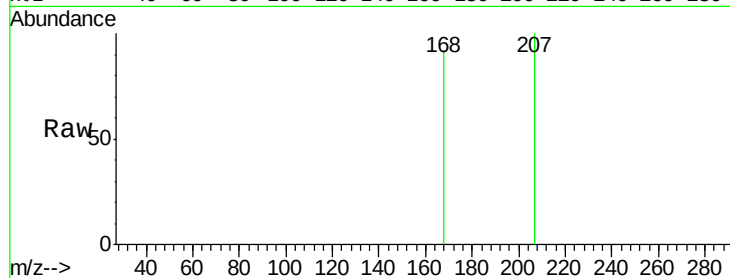
Tgt Ion:168 Resp: 54

Ion Ratio Lower Upper

168 100

139 0.0 27.8 41.6#

169 0.0 11.0 16.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.23

150

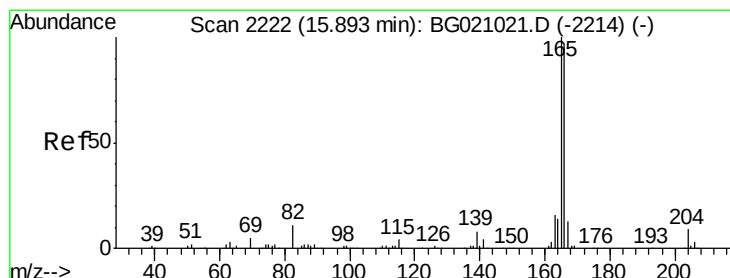
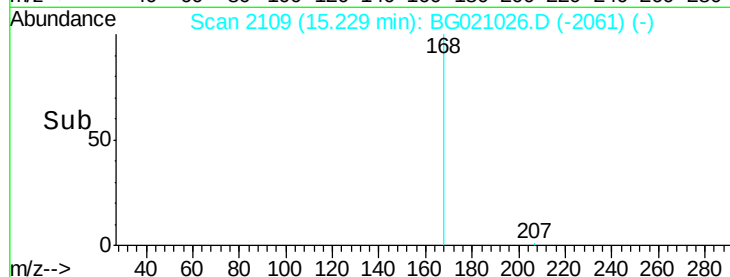
100

50

0

15.22 15.24

Time-->



#57

Fluorene

Concen: 0.02 ng

RT: 15.88 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

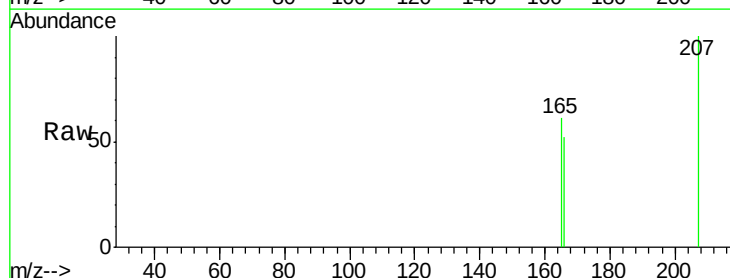
Tgt Ion:166 Resp: 58

Ion Ratio Lower Upper

166 100

165 117.1 82.2 123.4

167 0.0 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

15.88

250

200

150

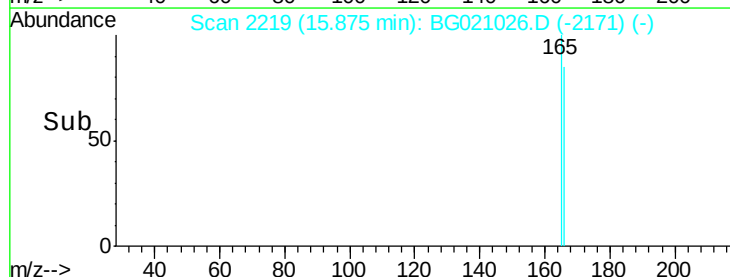
100

50

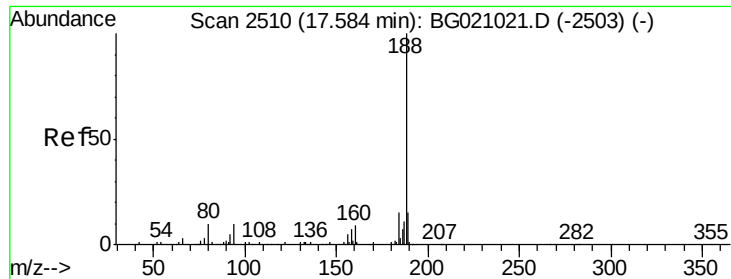
0

15.86 15.88

Time-->



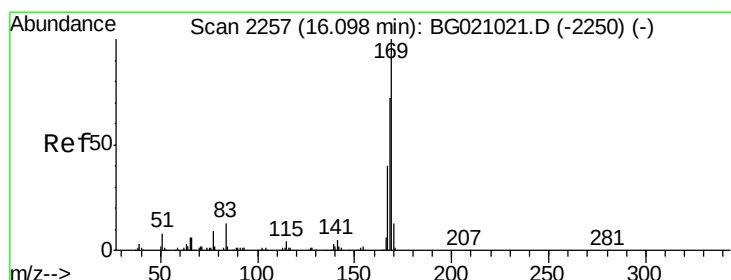
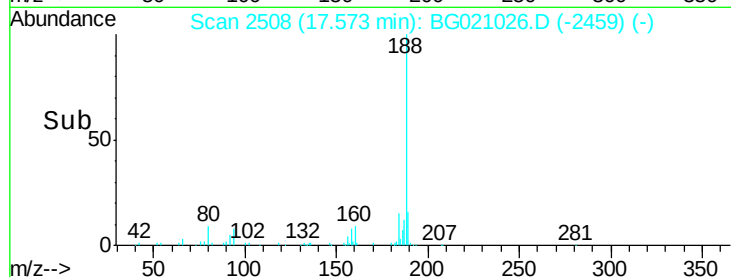
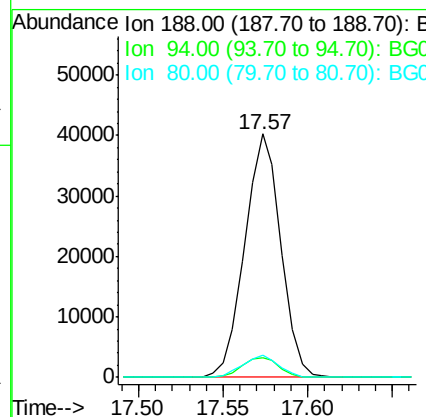
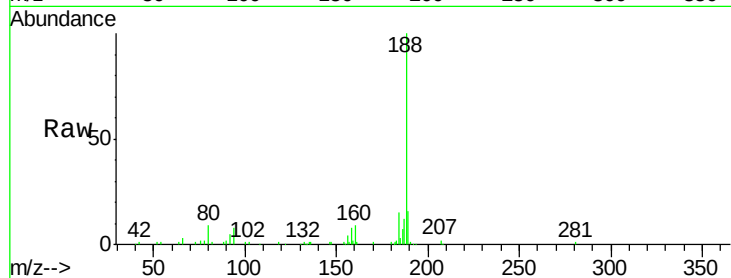




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.57 min Scan# 2508  
Delta R.T. -0.01 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

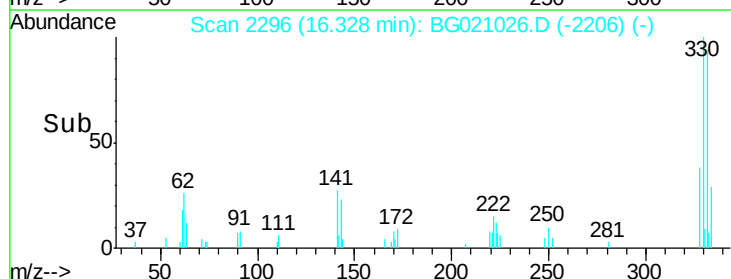
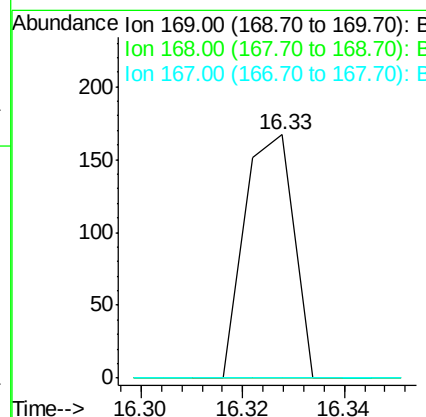
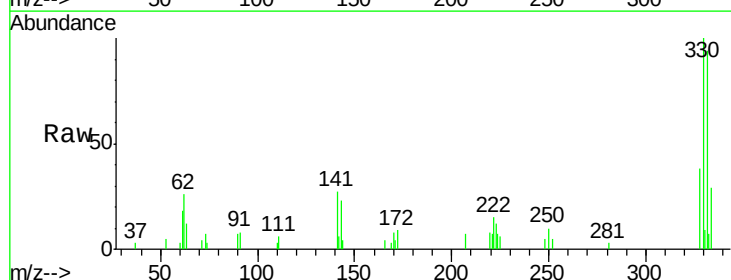
Instrument :  
BNA\_G  
ClientSampleId :  
EVTP1

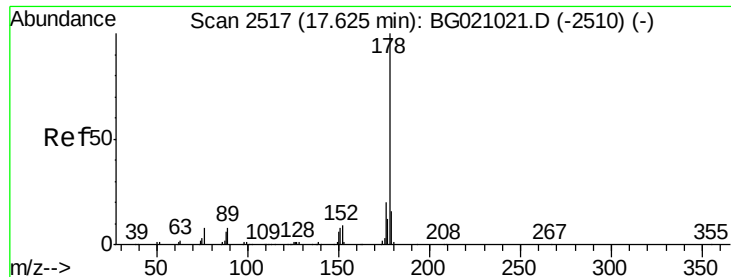
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.2   | 7.9   | 11.9  |
| 80      | 9.1   | 8.2   | 12.4  |



#65  
n-Nitrosodiphenylamine  
Concen: 0.06 ng  
RT: 16.33 min Scan# 2296  
Delta R.T. 0.23 min  
Lab File: BG021026.D  
Acq: 22 Feb 2016 23:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 0.0   | 57.8  | 86.6# |
| 167     | 0.0   | 32.0  | 48.0# |





#70

Phenanthrene

Concen: 1.54 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

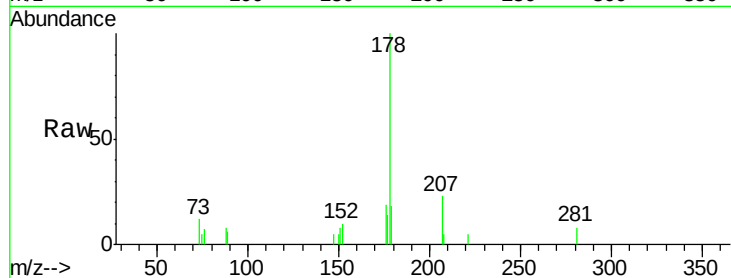
Tgt Ion:178 Resp: 5145

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

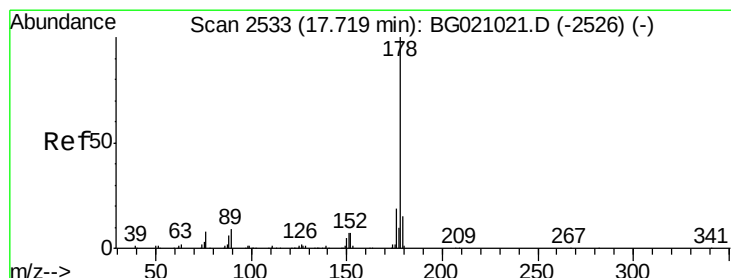
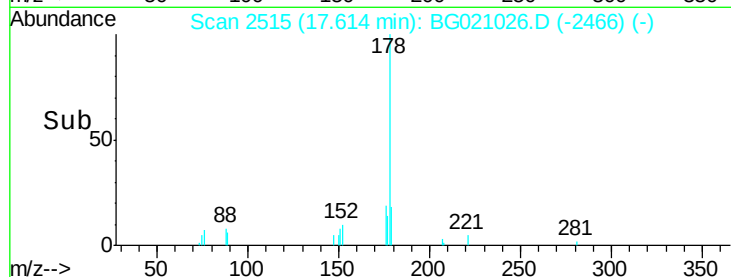
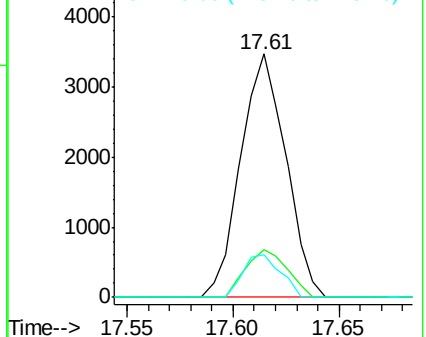
179 17.7 12.5 18.7



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: 1.55 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.11 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

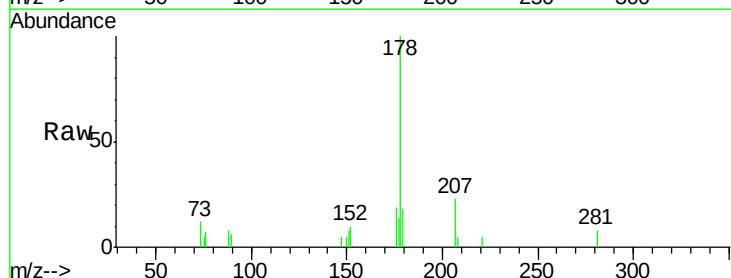
Tgt Ion:178 Resp: 5145

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

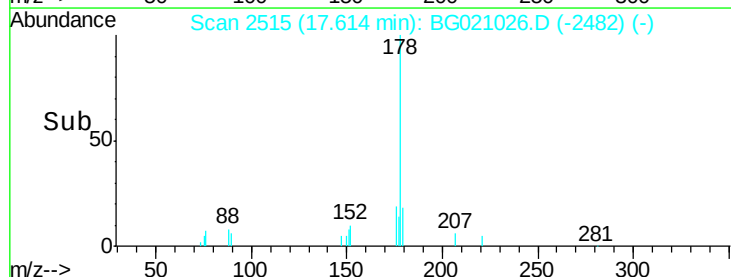
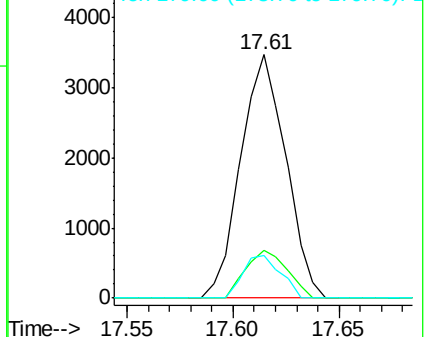
179 17.7 12.1 18.1

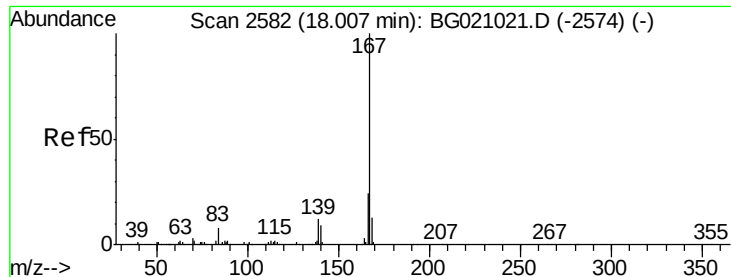


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.15 ng

RT: 17.99 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

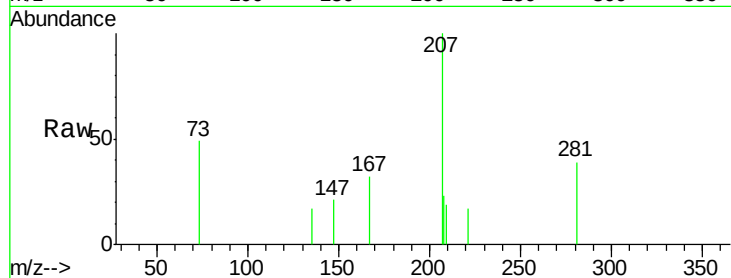
Instrument :

BNA\_G

ClientSampleId :

EVTP1

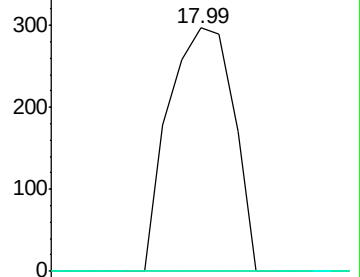
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 167   | Resp: | 421   |
| Ion      | Ratio | Lower | Upper |
| 167      | 100   |       |       |
| 166      | 0.0   | 19.4  | 29.0# |
| 139      | 0.0   | 9.8   | 14.8# |



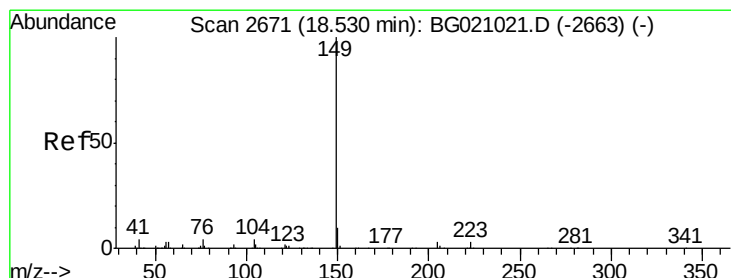
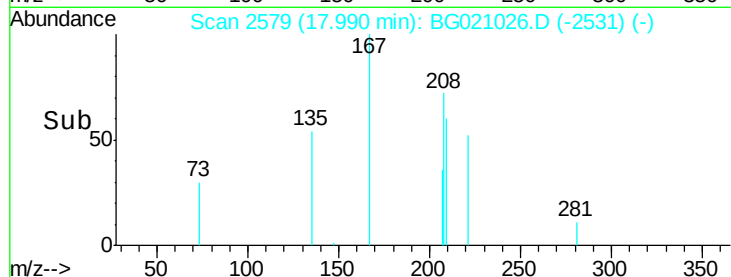
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.95 18.00



#73

Di-n-butylphthalate

Concen: 0.12 ng

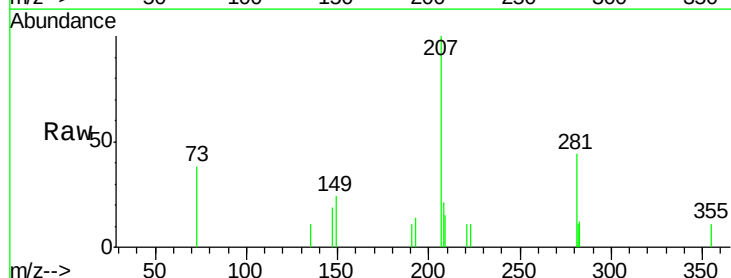
RT: 18.51 min Scan# 2668

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

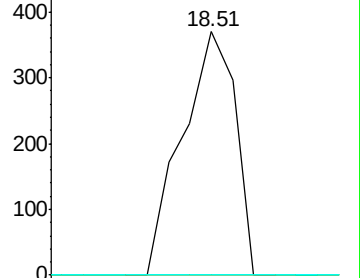
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 376   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 150      | 0.0   | 7.7   | 11.5# |
| 104      | 0.0   | 3.4   | 5.2#  |



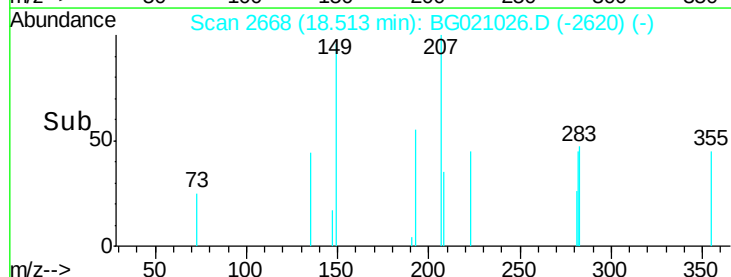
Abundance Ion 149.00 (148.70 to 149.70): E

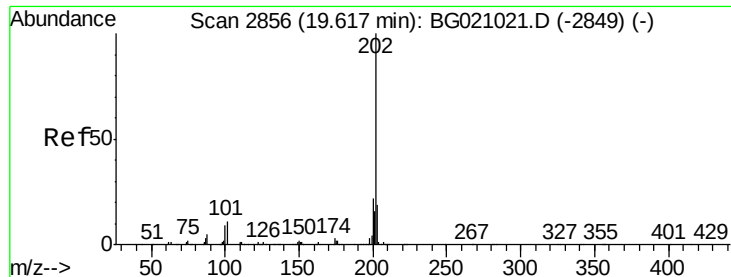
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.48 18.50 18.52 18.54





#74

Fluoranthene

Concen: 3.01 ng

RT: 19.61 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

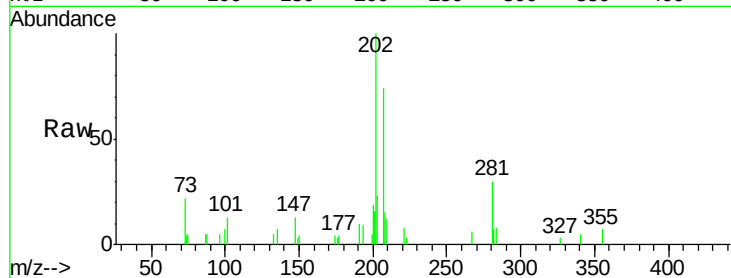
Instrument :

BNA\_G

ClientSampleId :

EVTP1

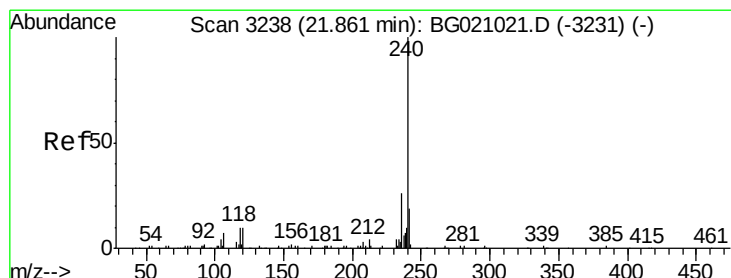
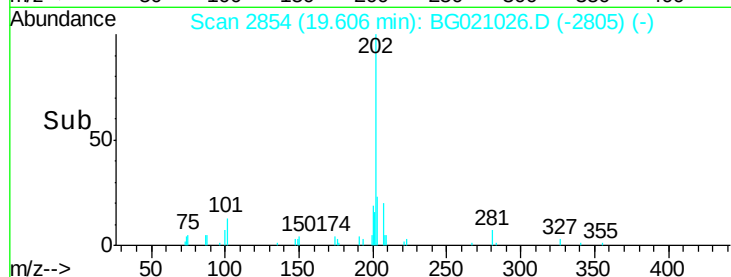
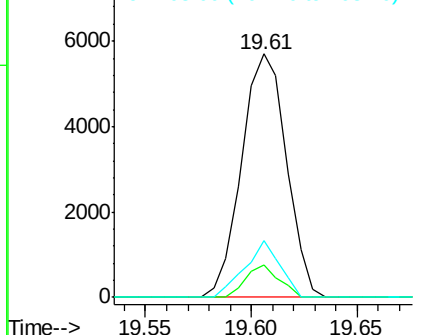
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 8375  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 13.1  | 0.0   | 30.9  |
| 203      | 23.3  | 0.0   | 38.5  |



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

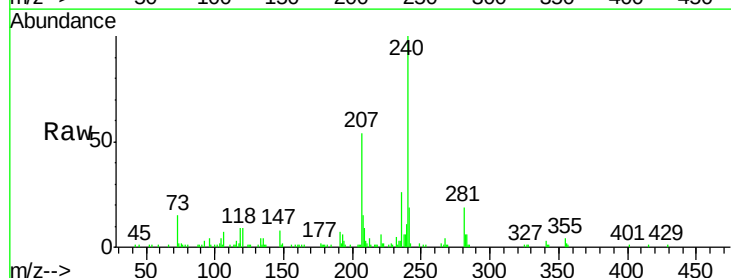
RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

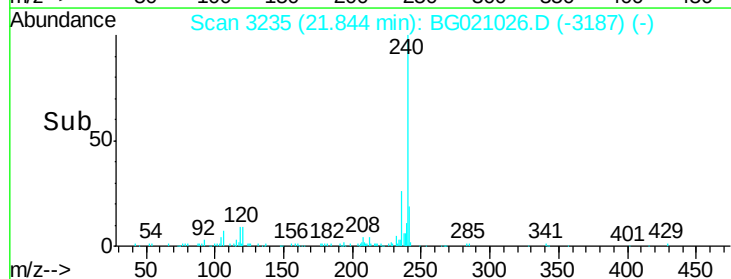
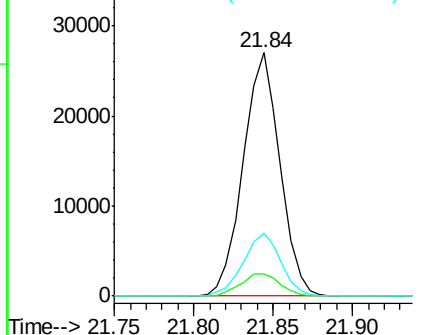
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 43411 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 8.9   | 8.3   | 12.5  |
| 236      | 25.7  | 21.2  | 31.8  |

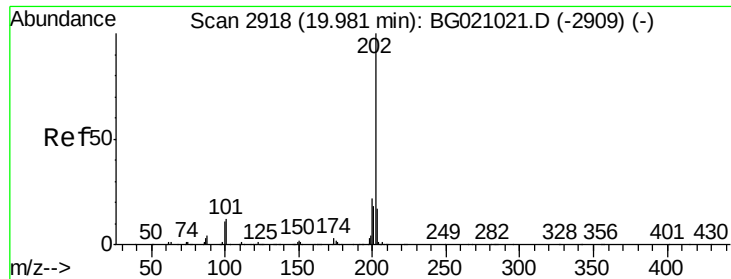


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

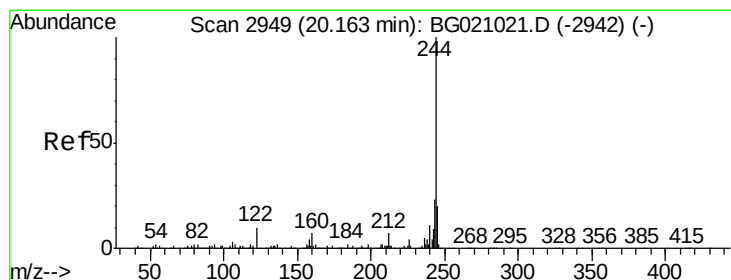
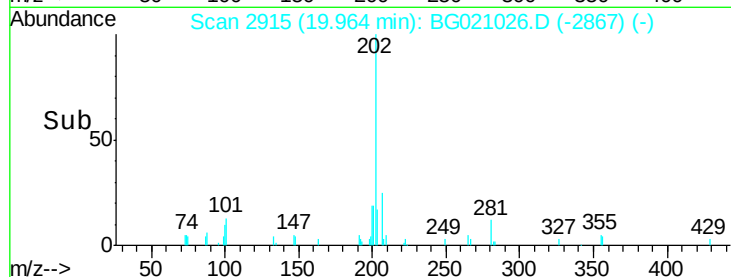
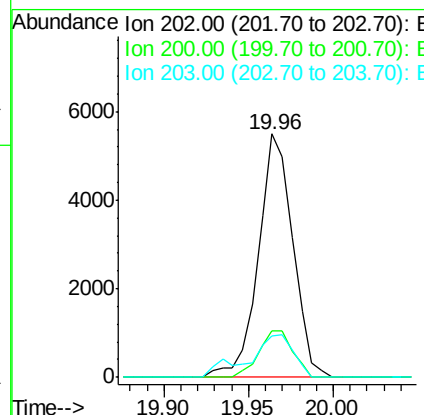
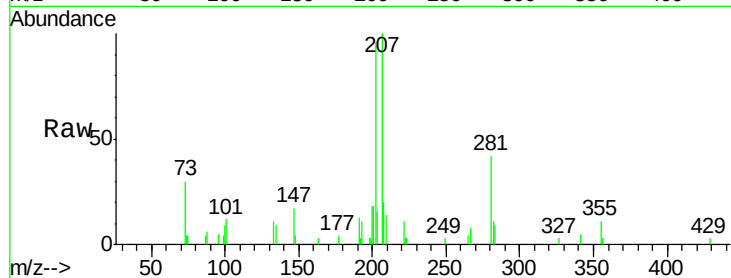




#77  
 Pyrene  
 Concen: 2.34 ng  
 RT: 19.96 min Scan# 2915  
 Delta R.T. -0.02 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

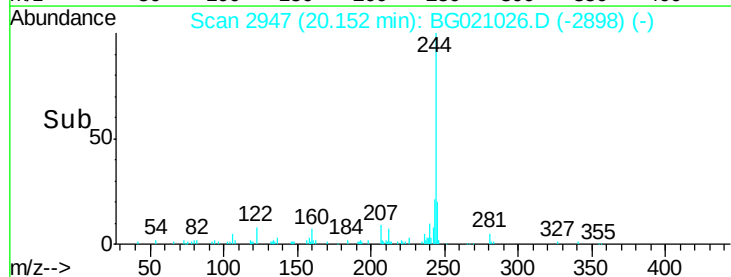
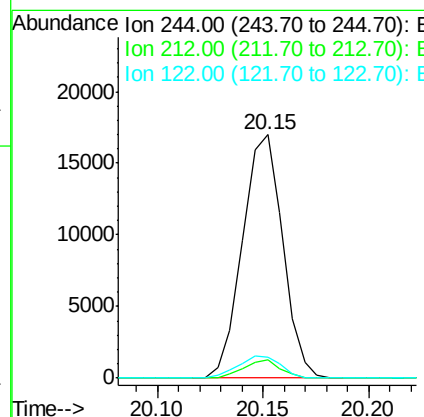
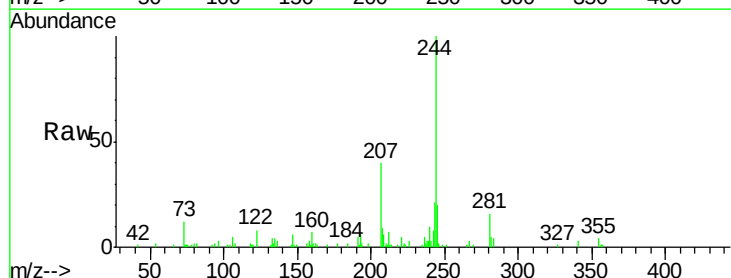
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EVTP1

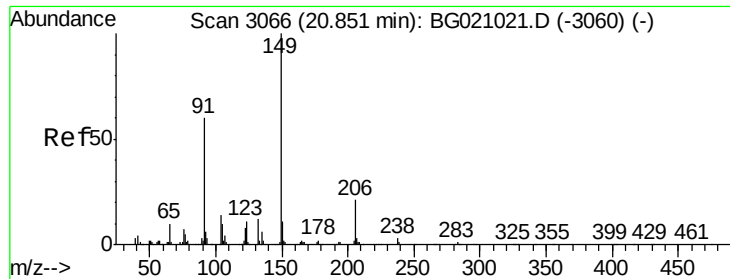
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 19.2  | 17.4  | 26.2  |
| 203     | 17.0  | 13.7  | 20.5  |



#78  
 Terphenyl-d14  
 Concen: 9.74 ng  
 RT: 20.15 min Scan# 2947  
 Delta R.T. -0.01 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.3   | 7.9   |
| 122     | 8.4   | 7.9   | 11.9  |





#79

Butylbenzylphthalate

Concen: 0.09 ng

RT: 20.83 min Scan# 3063

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampled :

EVTP1

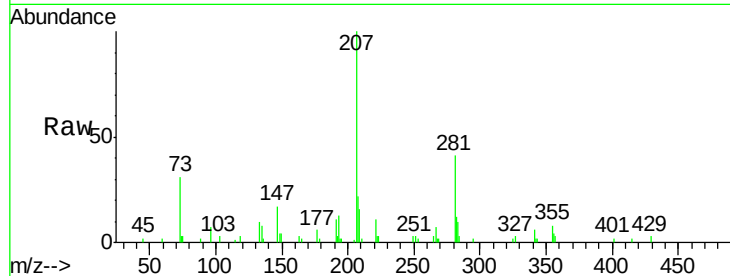
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

91 0.0 47.7 71.5#

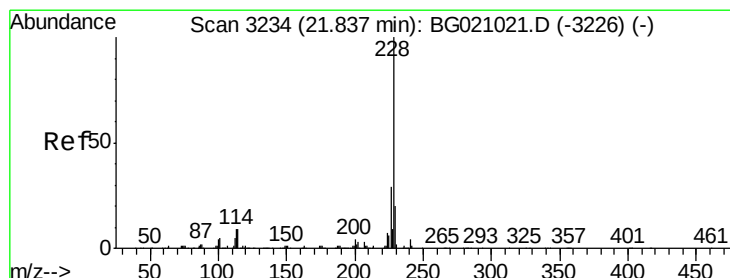
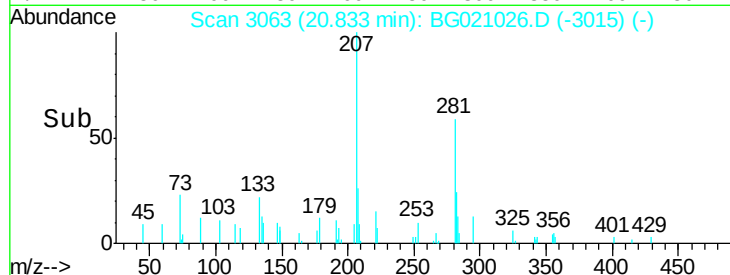
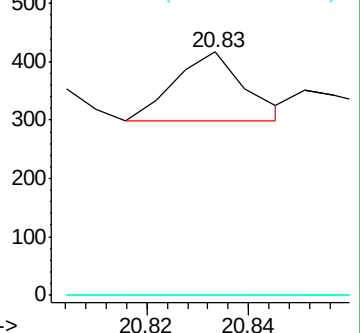
206 0.0 16.9 25.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 1.88 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

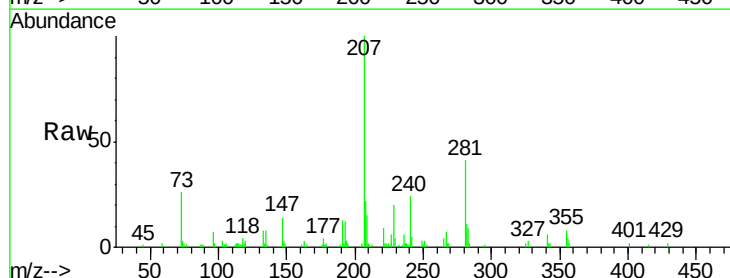
Tgt Ion:228 Resp: 4842

Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

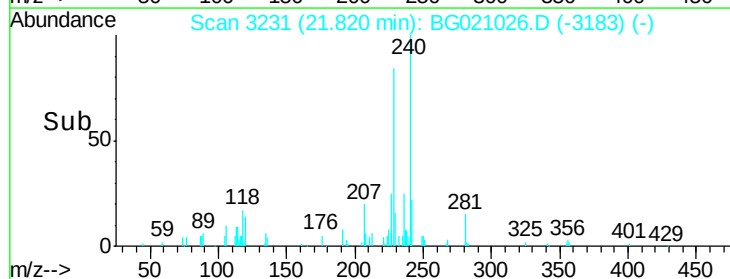
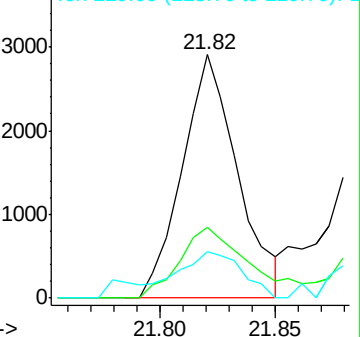
229 18.9 16.3 24.5

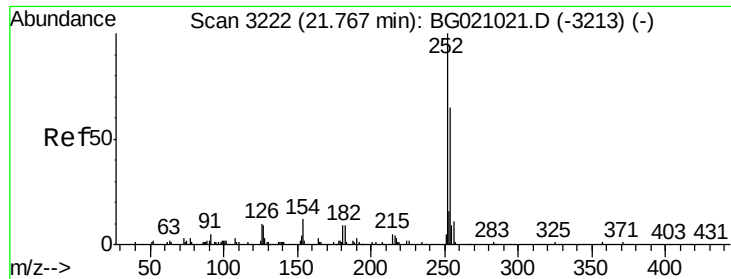


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

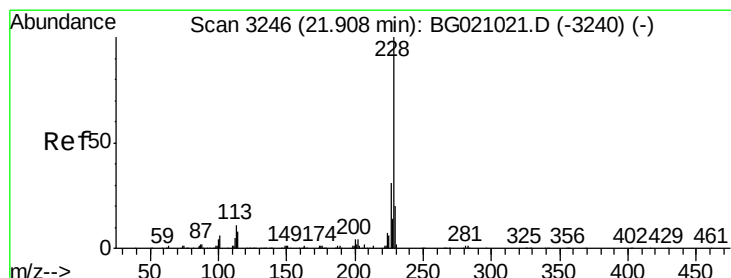
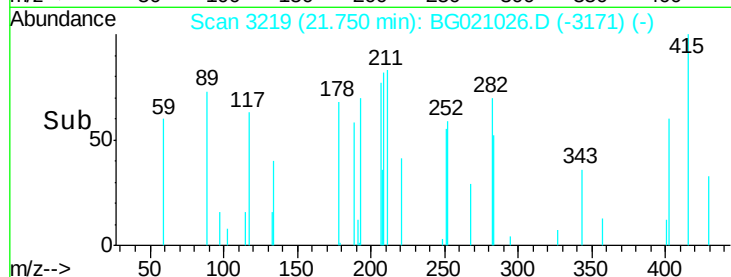
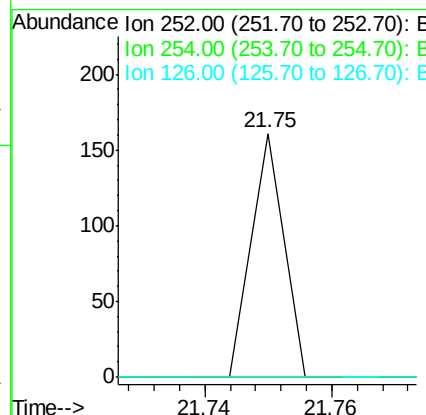
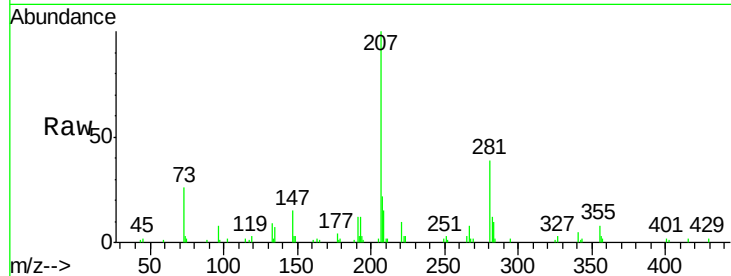




#81  
 3,3'-Dichlorobenzidine  
 Concen: 0.05 ng  
 RT: 21.75 min Scan# 3219  
 Delta R.T. -0.02 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

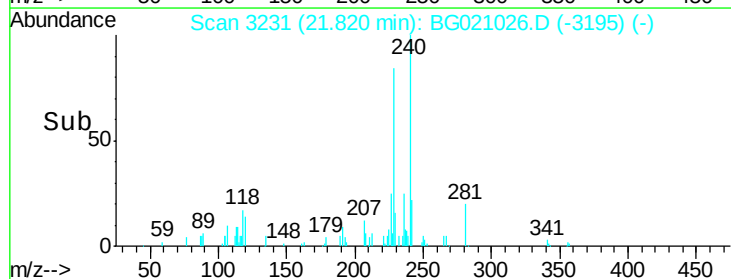
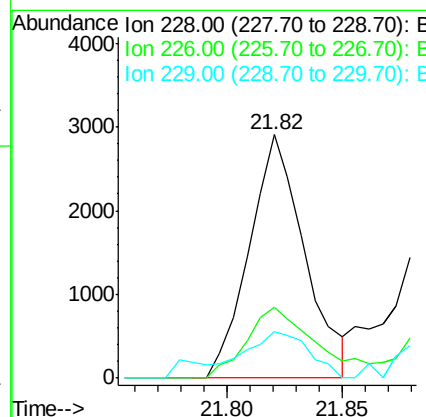
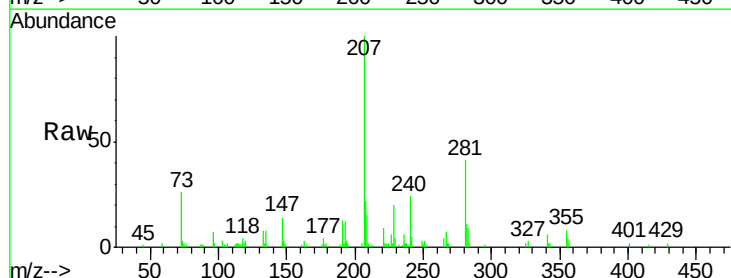
Instrument :  
 BNA\_G  
 ClientSampled :  
 EVTP1

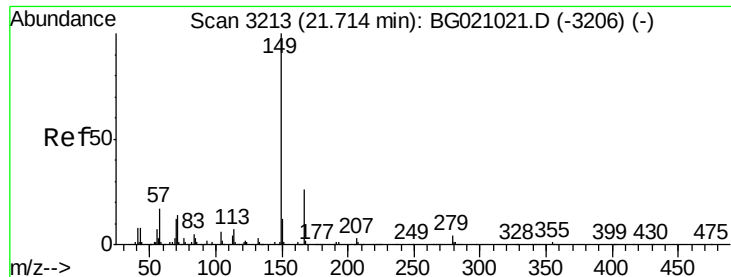
Tgt Ion: 252 Resp: 57  
 Ion Ratio Lower Upper  
 252 100  
 254 0.0 52.3 78.5#  
 126 0.0 7.8 11.8#



#82  
 Chrysene  
 Concen: 1.99 ng  
 RT: 21.82 min Scan# 3231  
 Delta R.T. -0.09 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

Tgt Ion: 228 Resp: 4842  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 24.8 37.2  
 229 18.9 15.9 23.9

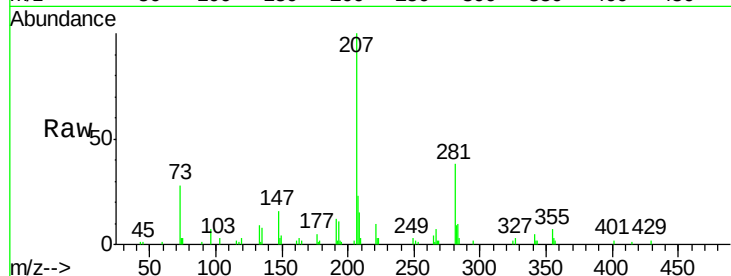




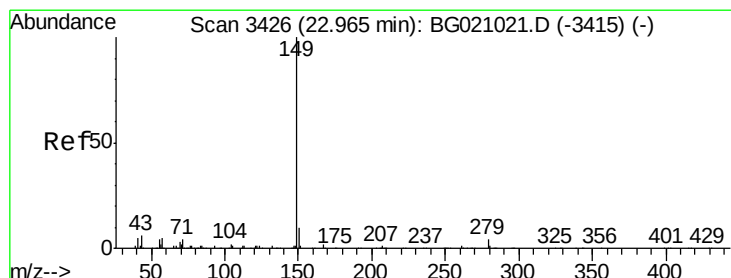
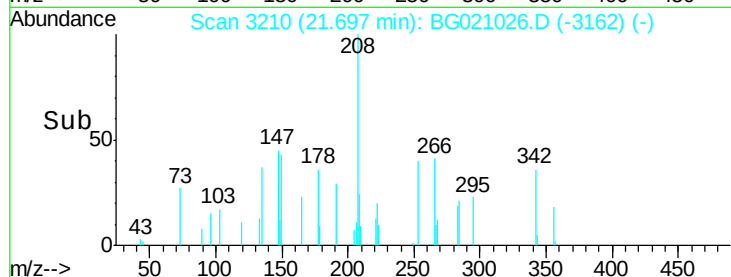
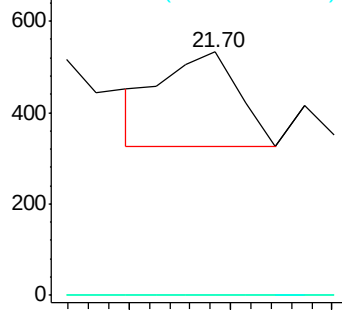
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.13 ng  
 RT: 21.70 min Scan# 3210  
 Delta R.T. -0.02 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EVTP1

Tgt Ion:149 Resp: 214  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 20.3 30.5#  
 279 0.0 3.8 5.6#

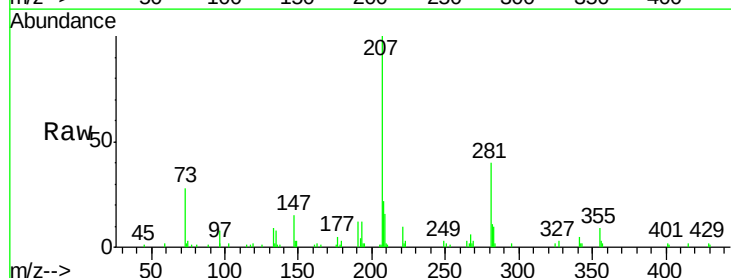


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

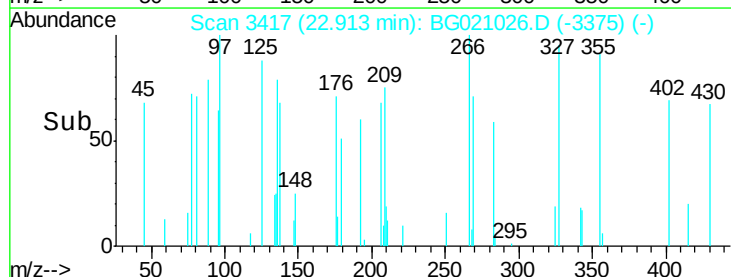
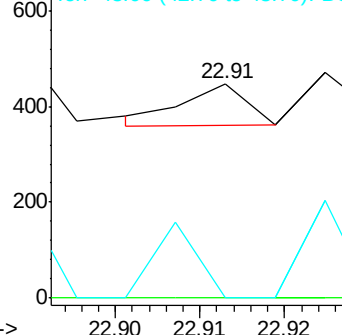


#84  
 Di-n-octyl phthalate  
 Concen: 0.02 ng  
 RT: 22.91 min Scan# 3417  
 Delta R.T. -0.05 min  
 Lab File: BG021026.D  
 Acq: 22 Feb 2016 23:00

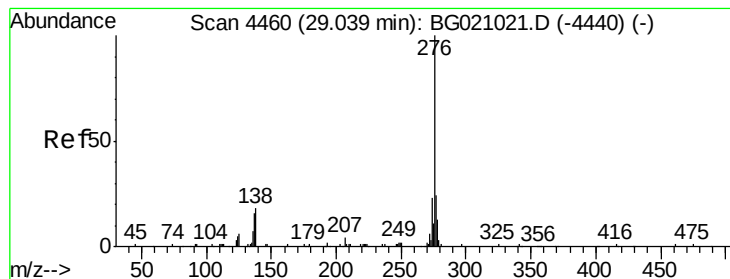
Tgt Ion:149 Resp: 45  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.3 1.9#  
 43 124.4 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG0







#85

Indeno(1,2,3-cd)pyrene

Concen: 0.54 ng

RT: 28.96 min Scan# 4446

Delta R.T. -0.08 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

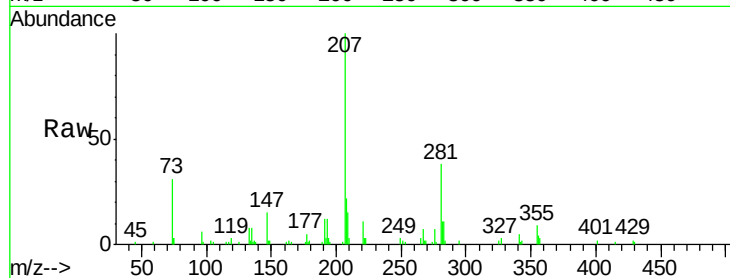
Tgt Ion:276 Resp: 1591

Ion Ratio Lower Upper

276 100

138 0.0 13.1 19.7#

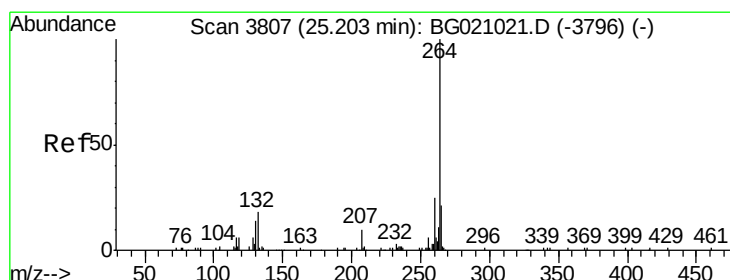
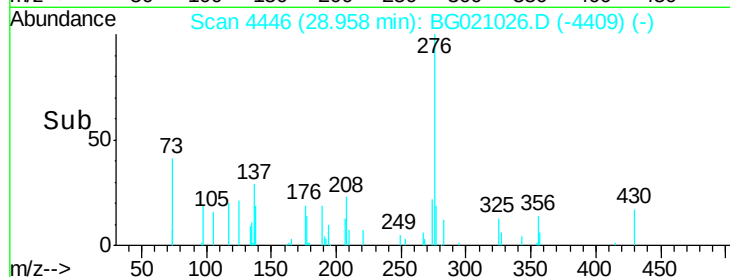
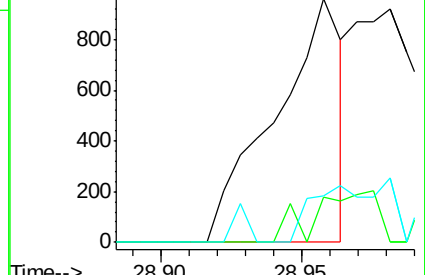
277 0.0 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.18 min Scan# 3803

Delta R.T. -0.02 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

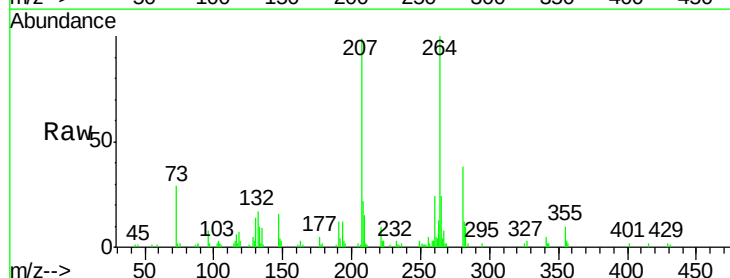
Tgt Ion:264 Resp: 43375

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

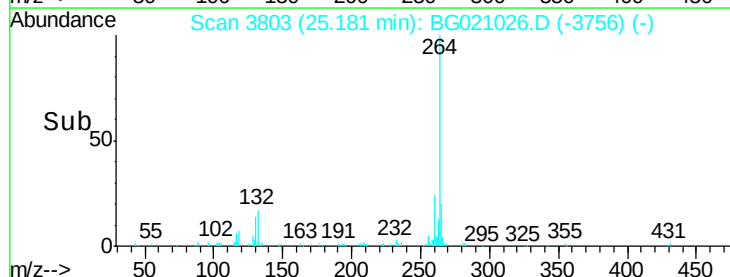
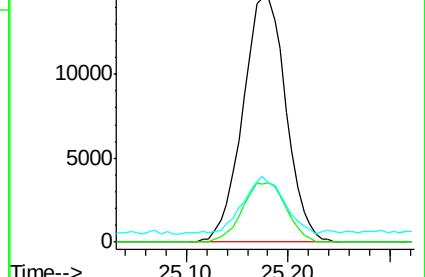
265 24.4 20.7 31.1

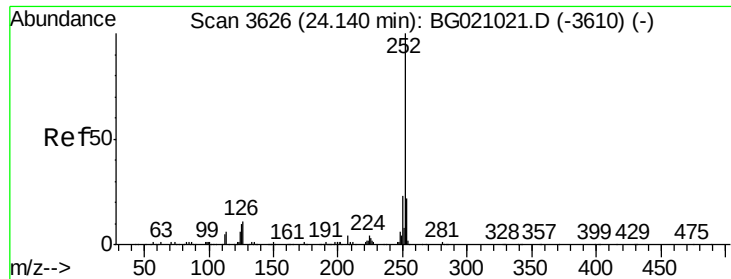


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.60 ng

RT: 24.11 min Scan# 3621

Delta R.T. -0.03 min

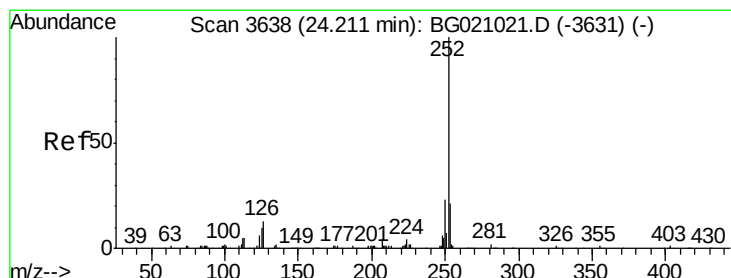
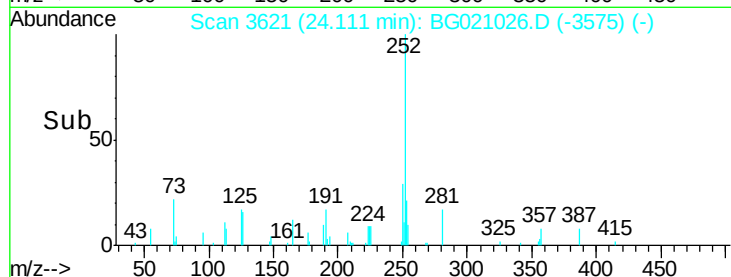
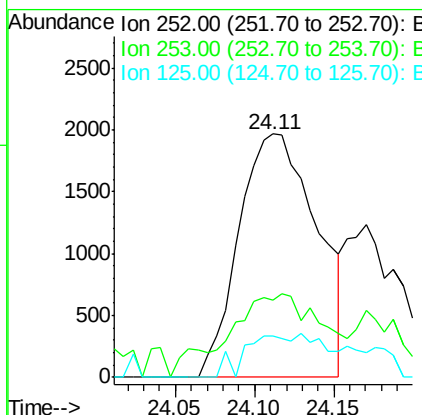
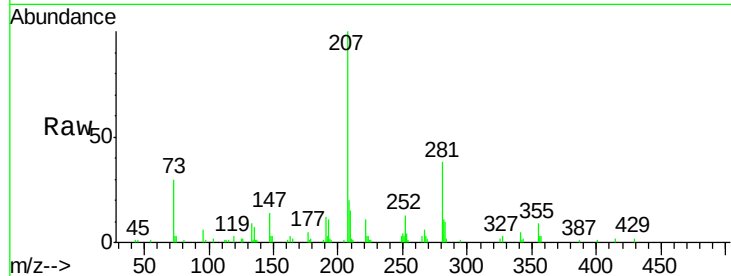
Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :  
BNA\_G  
ClientSampled :  
EVTP1

Tgt Ion:252 Resp: 6716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 31.8  | 18.4  | 27.6# |
| 125 | 16.9  | 8.6   | 12.8# |



#88

Benzo(k)fluoranthene

Concen: 2.66 ng

RT: 24.11 min Scan# 3621

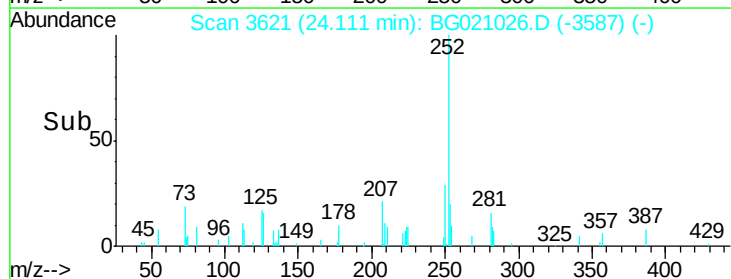
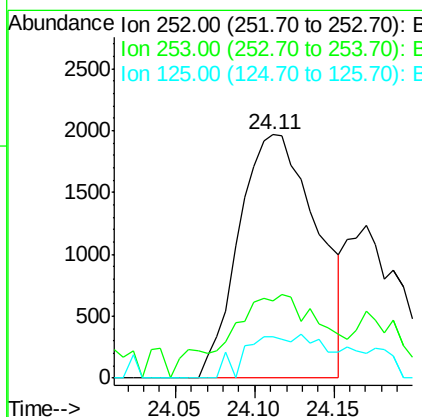
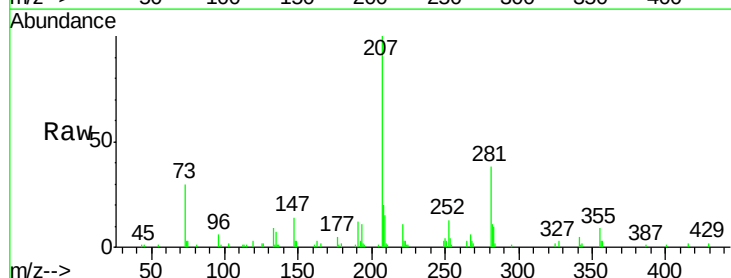
Delta R.T. -0.10 min

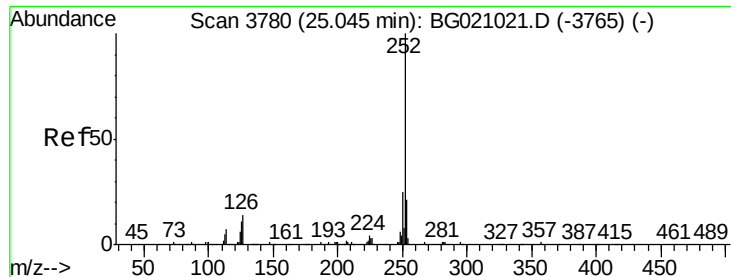
Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Tgt Ion:252 Resp: 6716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 31.8  | 17.4  | 26.2# |
| 125 | 16.9  | 8.2   | 12.4# |





#89

Benzo(a)pyrene

Concen: 2.19 ng

RT: 25.00 min Scan# 3773

Delta R.T. -0.04 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

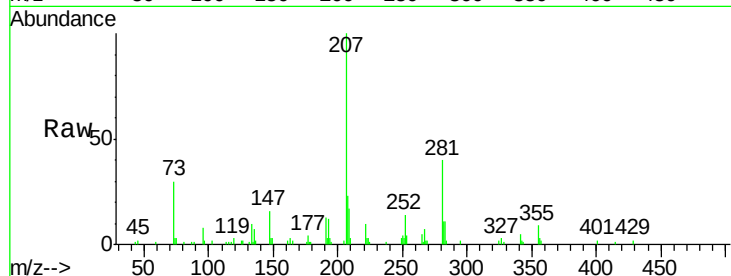
Tgt Ion:252 Resp: 5465

Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

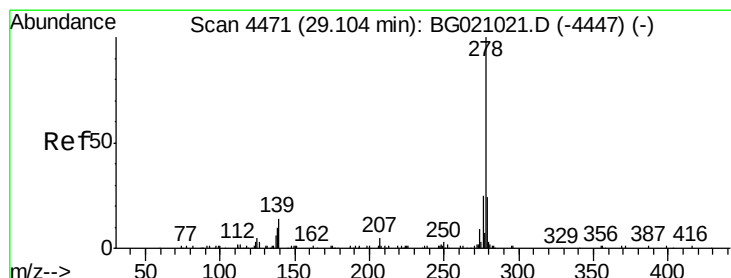
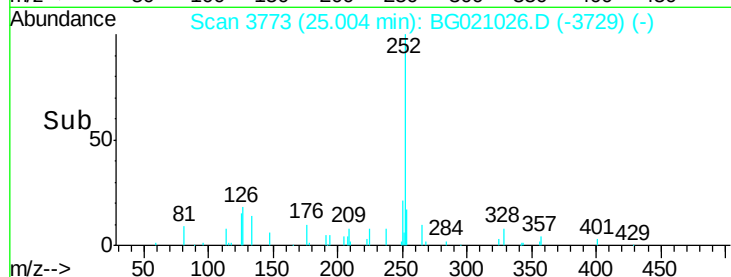
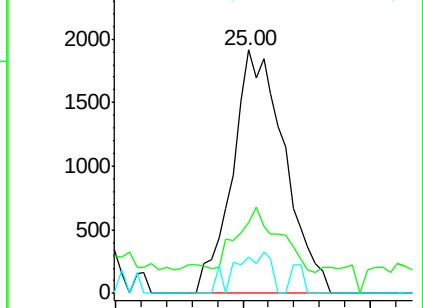
125 15.0 9.0 13.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 29.03 min Scan# 4459

Delta R.T. -0.07 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

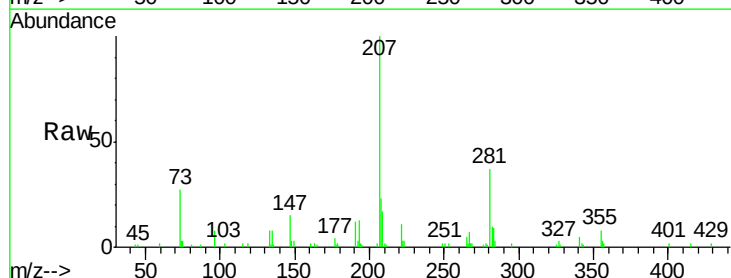
Tgt Ion:278 Resp: 293

Ion Ratio Lower Upper

278 100

139 0.0 11.5 17.3#

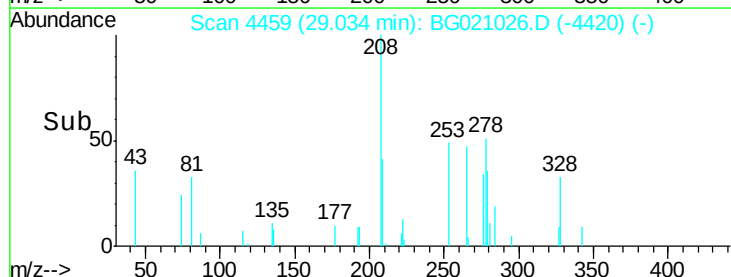
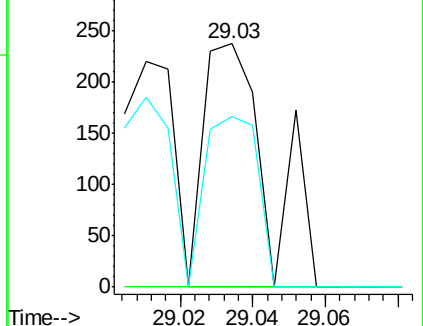
279 70.2 19.2 28.8#

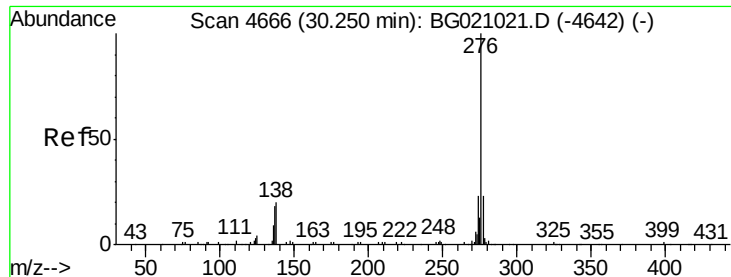


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.65 ng

RT: 30.17 min Scan# 4653

Delta R.T. -0.08 min

Lab File: BG021026.D

Acq: 22 Feb 2016 23:00

Instrument :

BNA\_G

ClientSampleId :

EVTP1

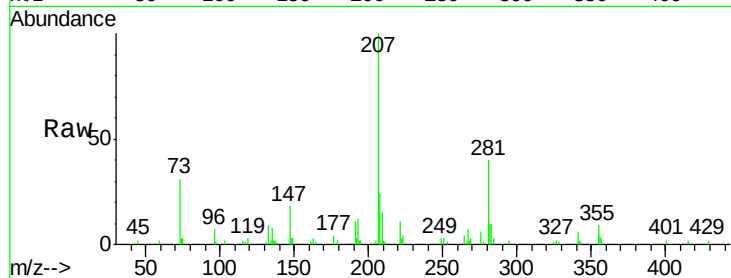
Tgt Ion: 276 Resp: 4096

Ion Ratio Lower Upper

276 100

277 21.1 18.2 27.2

138 22.0 15.7 23.5



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

