

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\  
 Data File : BG033190.D  
 Acq On : 15 Mar 2018 23:33  
 Operator : SJ/JU  
 Sample : J1927-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-C01-C01A-D01-D01A

Quant Time: Mar 16 06:01:17 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 13:59:34 2018  
 Response via : Initial Calibration

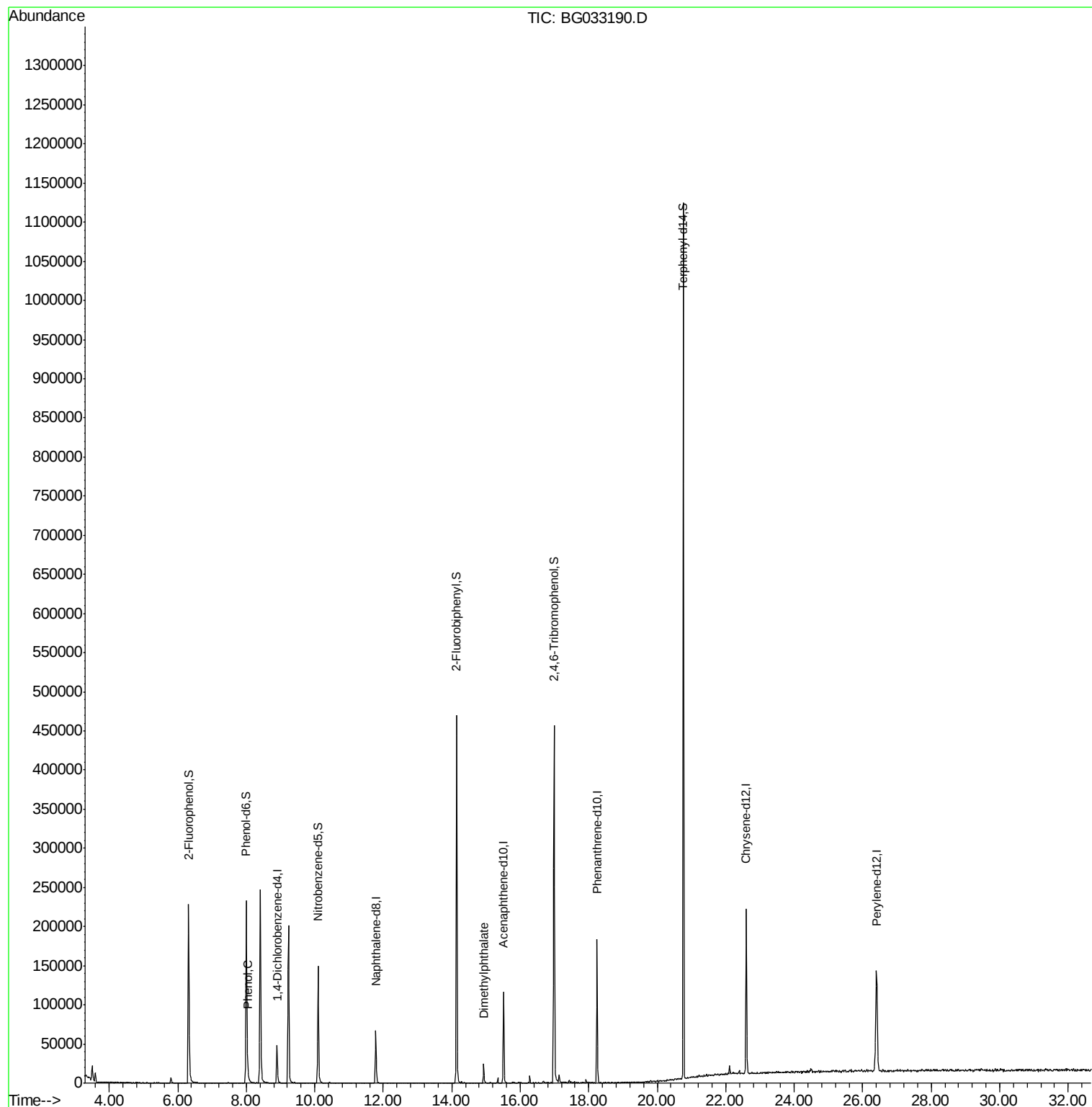
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.90  | 152  | 17594    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.78 | 136  | 70174    | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 15.51 | 164  | 45167    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.24 | 188  | 122853   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 22.60 | 240  | 150172   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 26.40 | 264  | 176109   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.31  | 112  | 127173   | 115.64 | ng    | 0.00     |
| 7) Phenol-d6                | 8.00  | 99   | 165062   | 107.68 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 10.10 | 82   | 100966   | 98.11  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.99 | 330  | 127900   | 269.31 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 14.14 | 172  | 279781   | 89.34  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.76 | 244  | 581334   | 86.97  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 8.04  | 94   | 4901     | 3.172  | ng    | # 70     |
| 49) Dimethylphthalate       | 14.93 | 163  | 19474    | 5.078  | ng    | # 97     |

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

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-C01-C01A-D01-D01A

Quant Time: Mar 16 06:01:17 2018  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 14 13:59:34 2018  
Response via : Initial Calibration



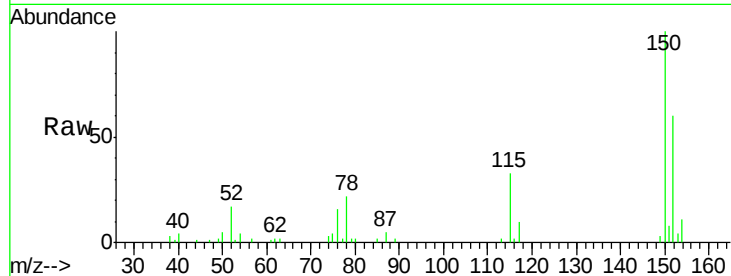


#1

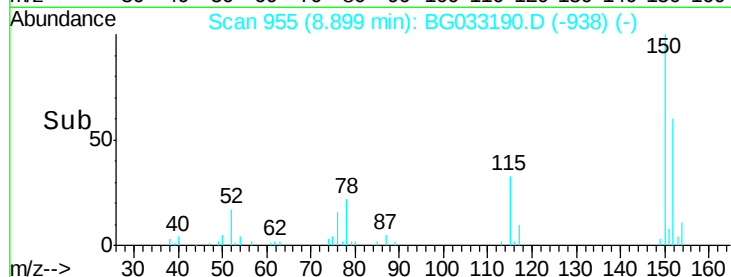
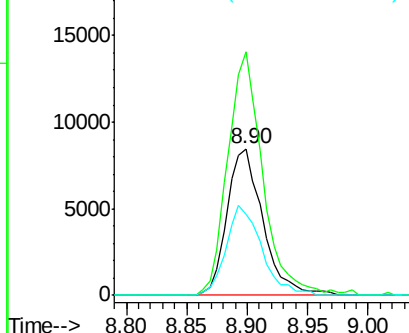
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.90 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-C01-C01A-D01-D01A

Tot Ion:152 Resp: 17594  
Ion Ratio Lower Upper  
152 100  
150 165.8 126.6 189.8  
115 55.5 53.0 79.4



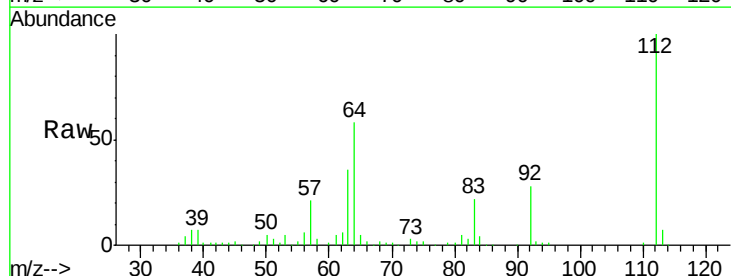
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



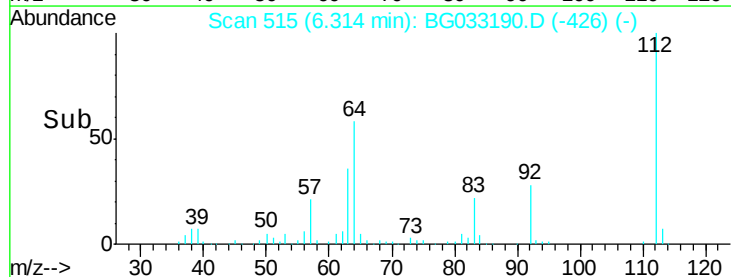
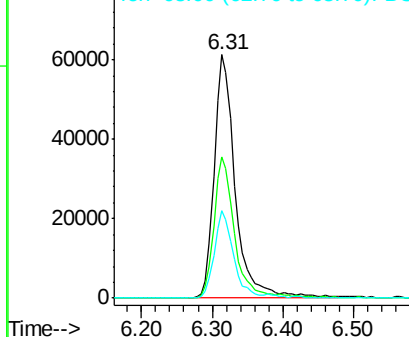
#5

2-Fluorophenol  
Concen: 115.641 ng  
RT: 6.31 min Scan# 515  
Delta R.T. -0.00 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

Tgt Ion:112 Resp: 127173  
Ion Ratio Lower Upper  
112 100  
64 58.1 56.3 84.5  
63 35.8 30.1 45.1



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





#7

Phenol-d6

Concen: 107.682 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-C01-C01A-D01-D01A

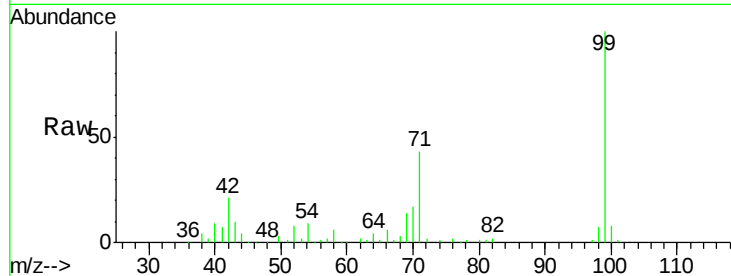
Tot Ion: 99 Resp: 165062

Ion Ratio Lower Upper

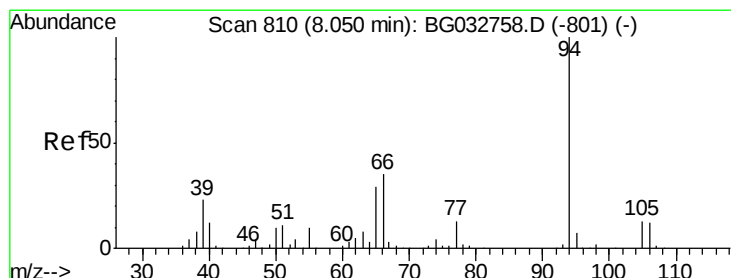
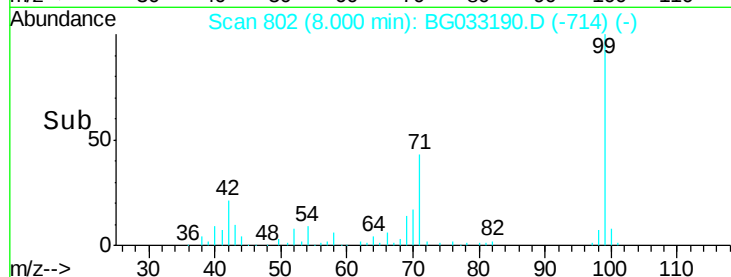
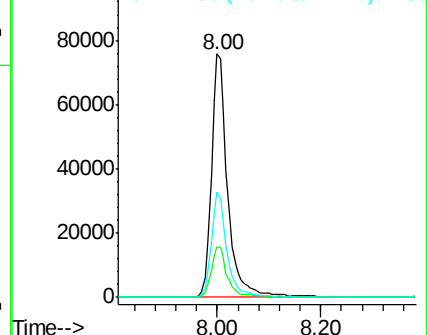
99 100

42 20.5 14.1 21.1

71 43.2 26.1 39.1#



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



#10

Phenol

Concen: 3.172 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

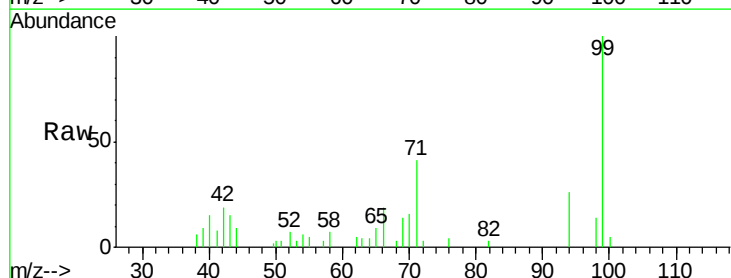
Tgt Ion: 94 Resp: 4901

Ion Ratio Lower Upper

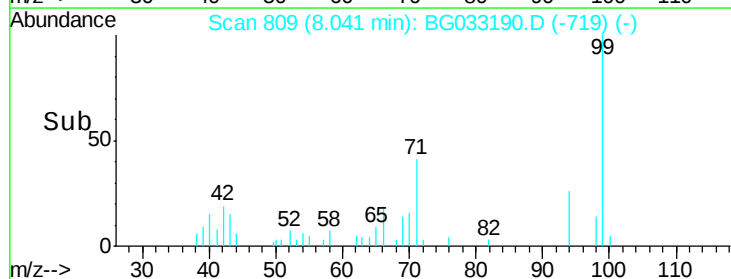
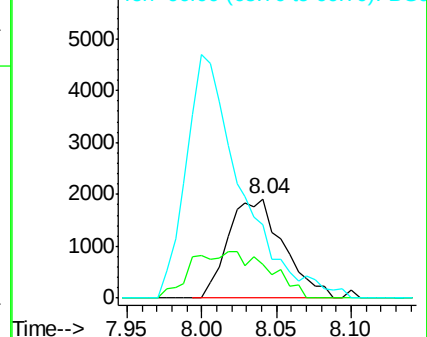
94 100

65 34.1 11.9 51.9

66 73.4 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

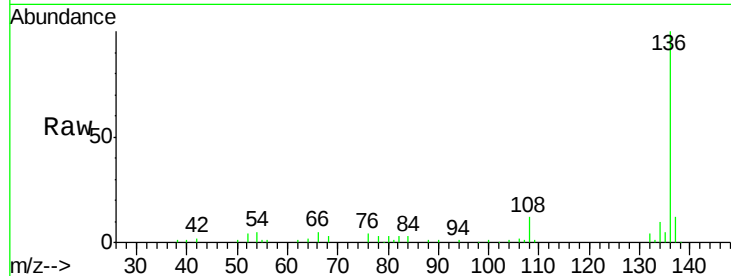




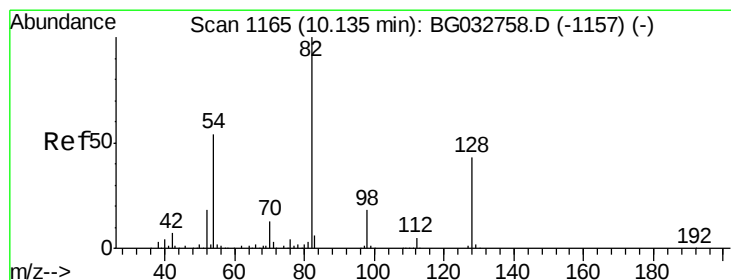
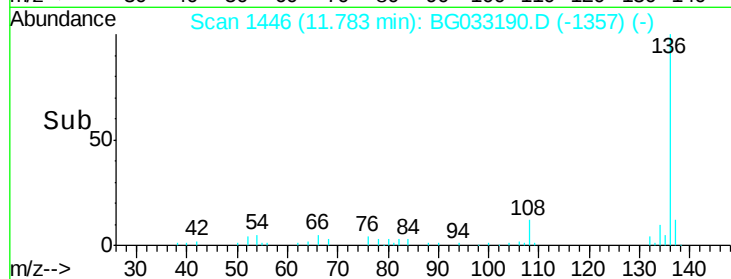
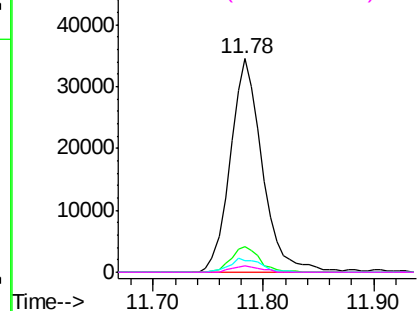
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.78 min Scan# 1446  
Delta R.T. -0.00 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-C01-C01A-D01-D01A

Tot Ion:136 Resp: 70174  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.2 13.8  
54 5.4 10.3 15.5#  
68 2.8 4.5 6.7#

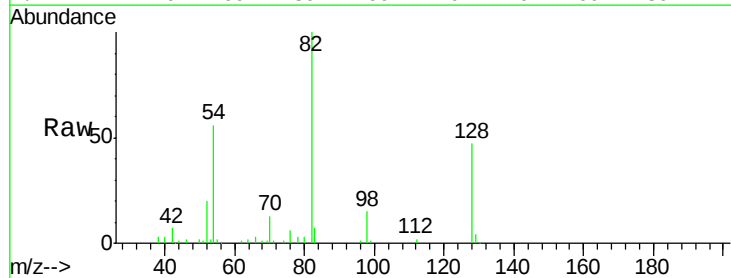


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

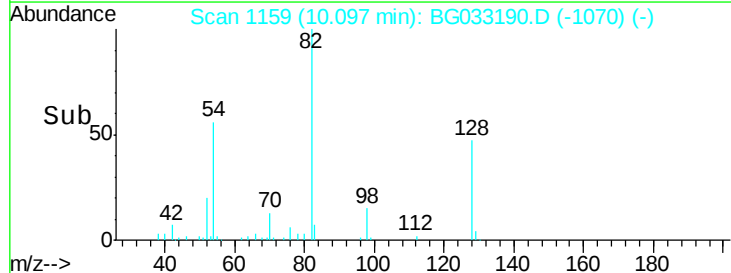
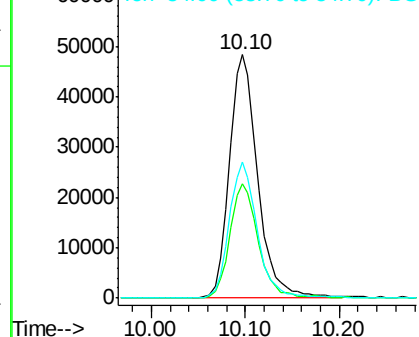


#23  
Nitrobenzene-d5  
Concen: 98.114 ng  
RT: 10.10 min Scan# 1159  
Delta R.T. -0.00 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

Tgt Ion: 82 Resp: 100966  
Ion Ratio Lower Upper  
82 100  
128 47.2 29.7 44.5#  
54 55.7 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-C01-C01A-D01-D01A

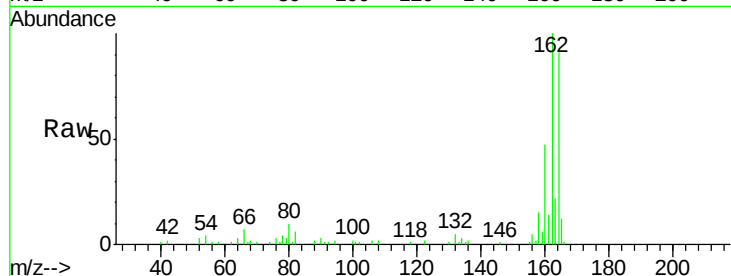
Tot Ion:164 Resp: 45167

Ion Ratio Lower Upper

164 100

162 109.3 78.8 118.2

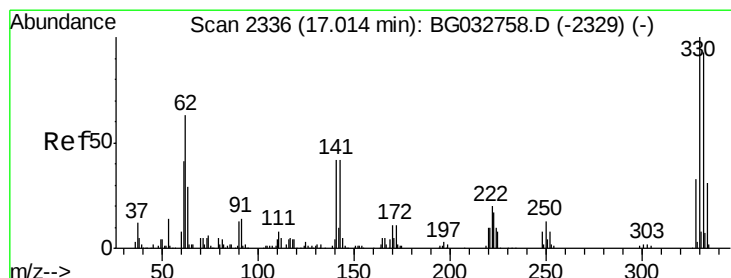
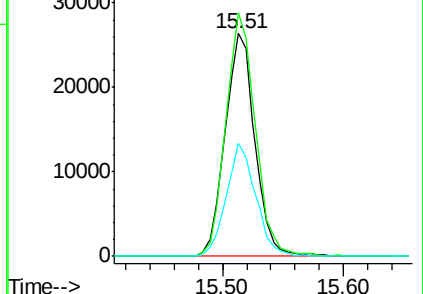
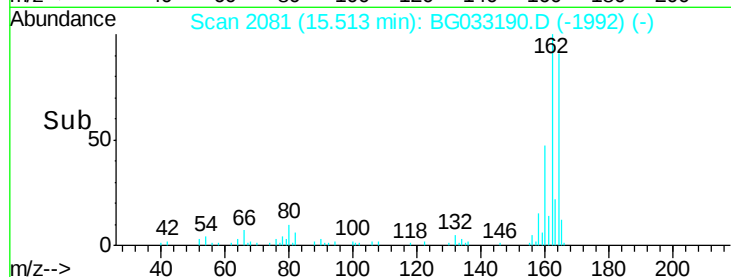
160 50.9 35.4 53.0



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: 269.311 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

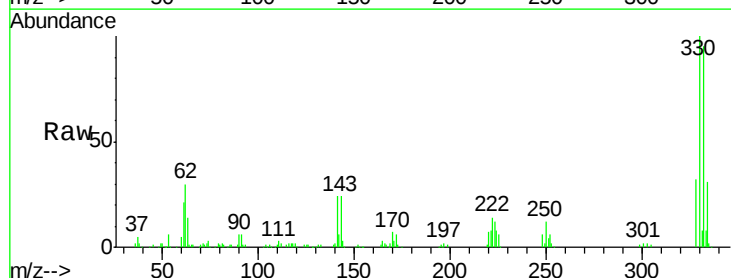
Tgt Ion:330 Resp: 127900

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

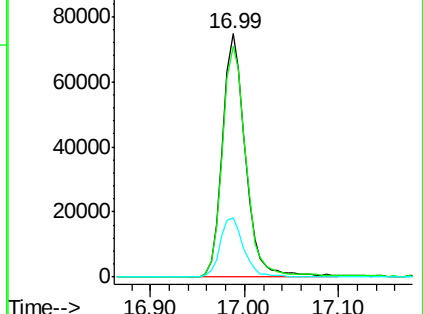
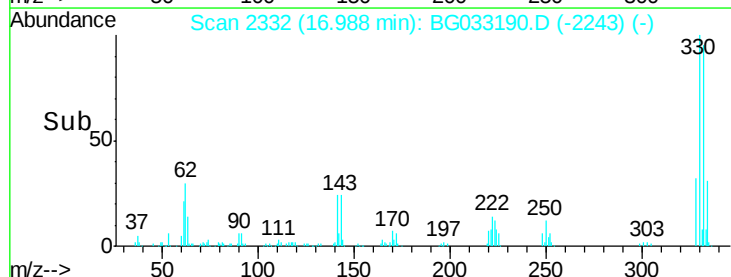
141 24.9 25.2 37.8#



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

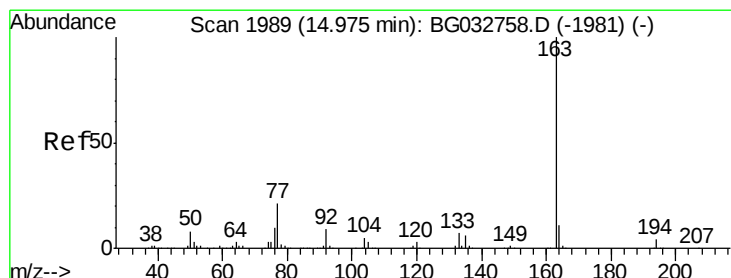
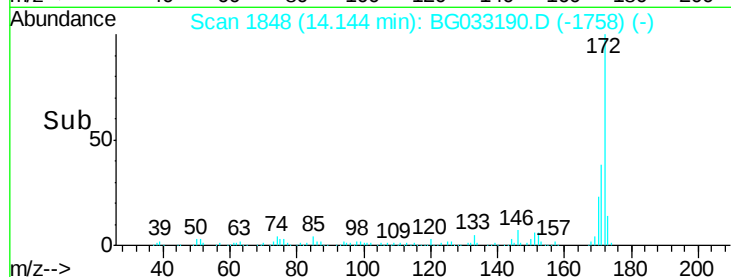
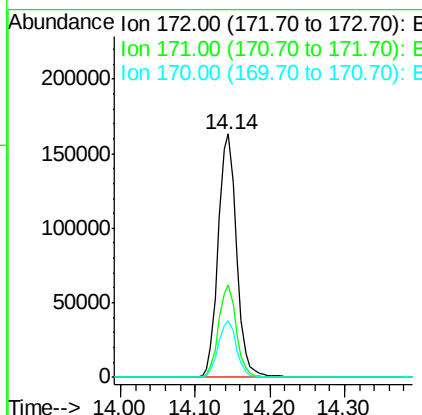
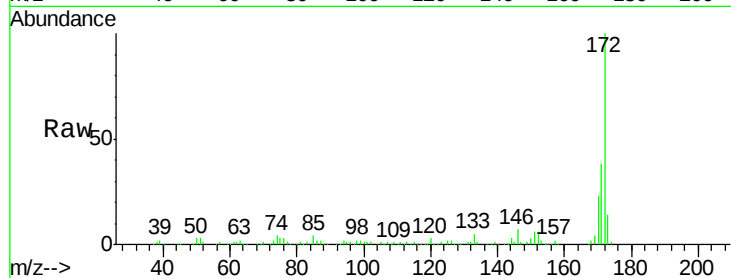




#44  
 2-Fluorobiphenyl  
 Concen: 89.338 ng  
 RT: 14.14 min Scan# 1848  
 Delta R.T. 0.00 min  
 Lab File: BG033190.D  
 Acq: 15 Mar 2018 23:33

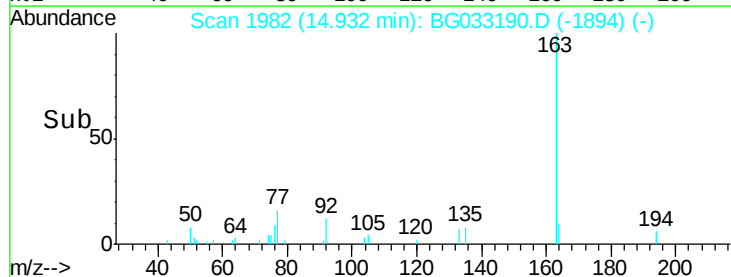
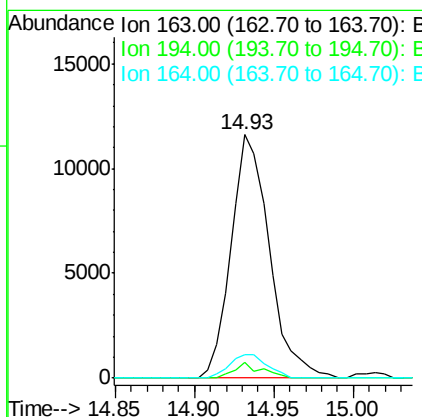
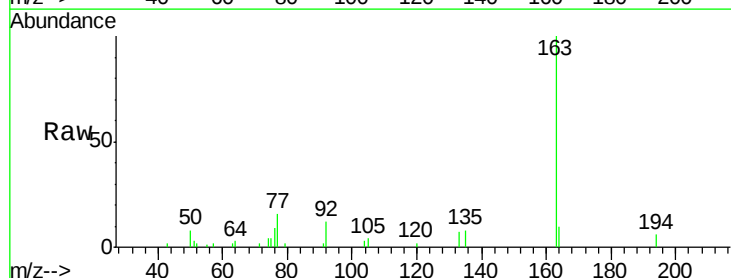
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-C01-C01A-D01-D01A

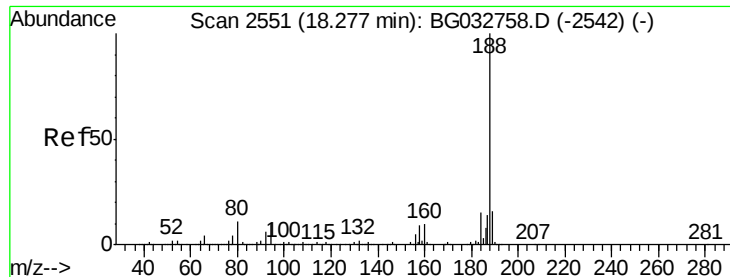
Tot Ion:172 Resp: 279781  
 Ion Ratio Lower Upper  
 172 100  
 171 37.8 30.0 45.0  
 170 23.2 19.5 29.3



#49  
 Dimethylphthalate  
 Concen: 5.078 ng  
 RT: 14.93 min Scan# 1982  
 Delta R.T. -0.01 min  
 Lab File: BG033190.D  
 Acq: 15 Mar 2018 23:33

Tgt Ion:163 Resp: 19474  
 Ion Ratio Lower Upper  
 163 100  
 194 6.5 3.4 5.2#  
 164 9.5 8.2 12.4

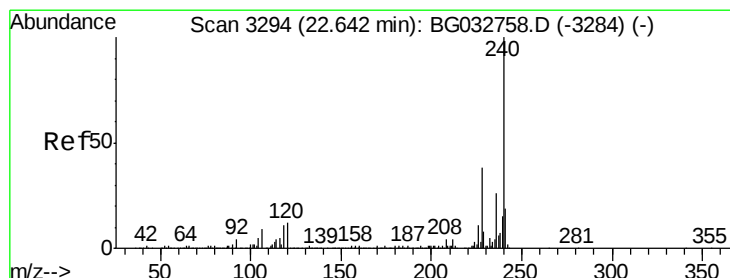
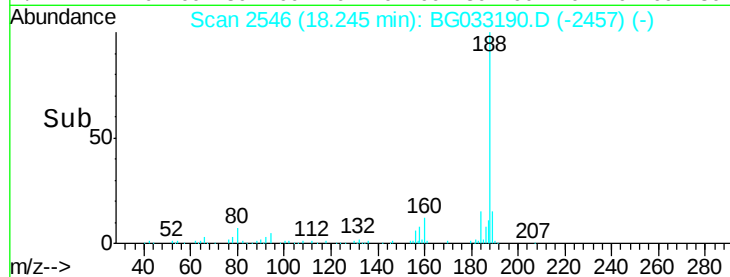
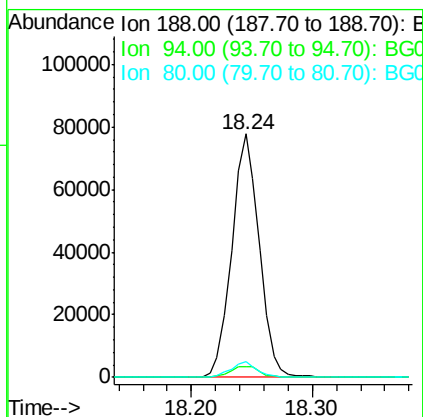
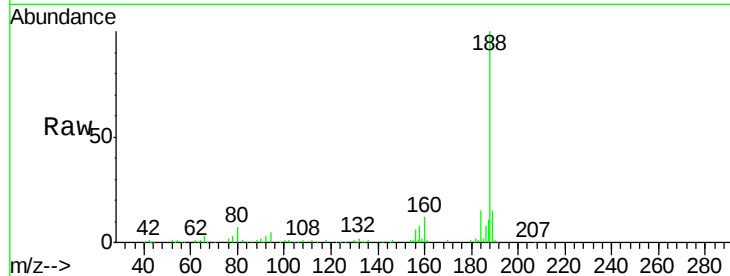




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.24 min Scan# 2546  
Delta R.T. -0.00 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

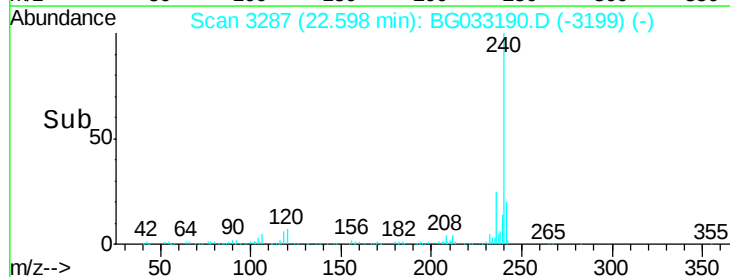
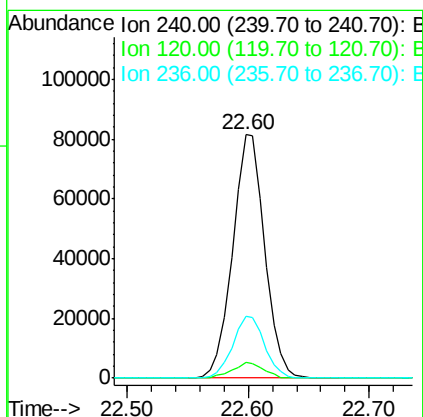
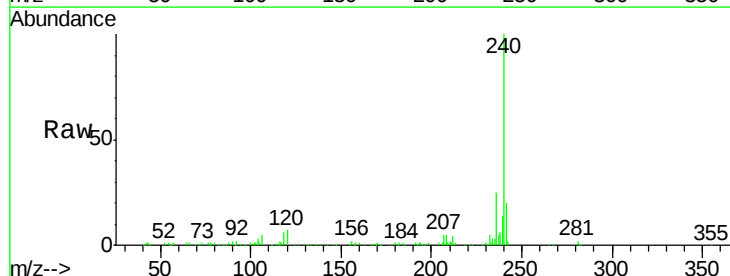
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FK-BPM-01-C01-C01A-D01-D01A

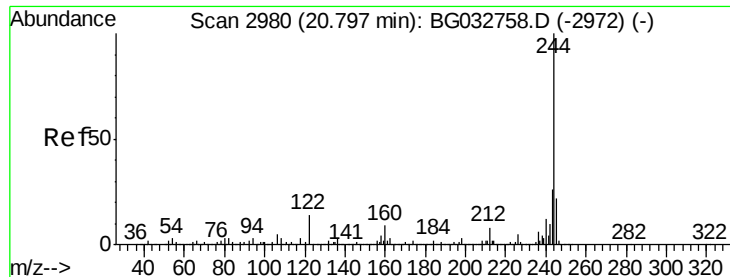
Tot Ion:188 Resp: 122853  
Ion Ratio Lower Upper  
188 100  
94 4.5 6.9 10.3#  
80 6.7 7.7 11.5#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.60 min Scan# 3287  
Delta R.T. -0.01 min  
Lab File: BG033190.D  
Acq: 15 Mar 2018 23:33

Tgt Ion:240 Resp: 150172  
Ion Ratio Lower Upper  
240 100  
120 6.6 6.8 10.2#  
236 25.3 20.9 31.3





#78

Terphenyl-d14

Concen: 86.974 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-01-C01-C01A-D01-D01A

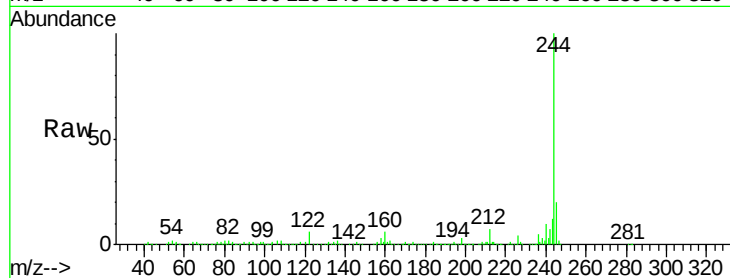
Tot Ion:244 Resp: 581334

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

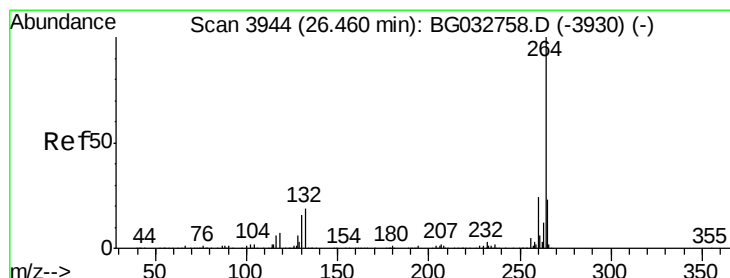
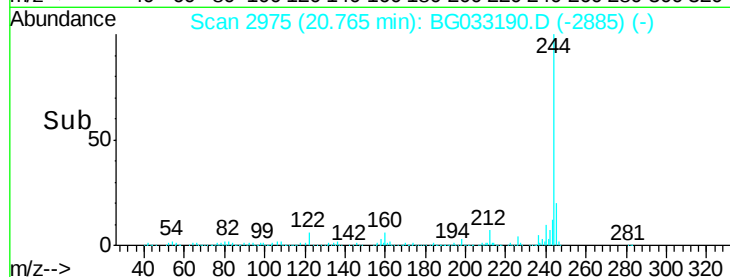
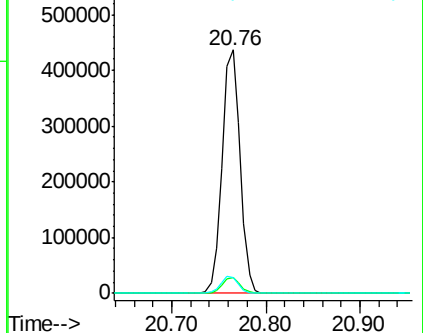
122 6.5 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

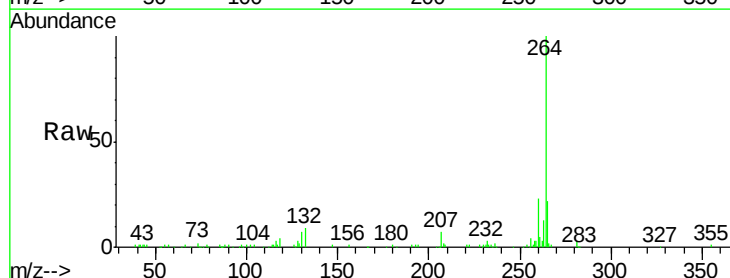
Tgt Ion:264 Resp: 176109

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.1 17.7 26.5



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

