

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG011618\  
 Data File : BG032083.D  
 Acq On : 16 Jan 2018 23:38  
 Operator : SJ/JU  
 Sample : J1122-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-9A

Quant Time: Jan 17 02:19:07 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 15 10:05:15 2018  
 Response via : Initial Calibration

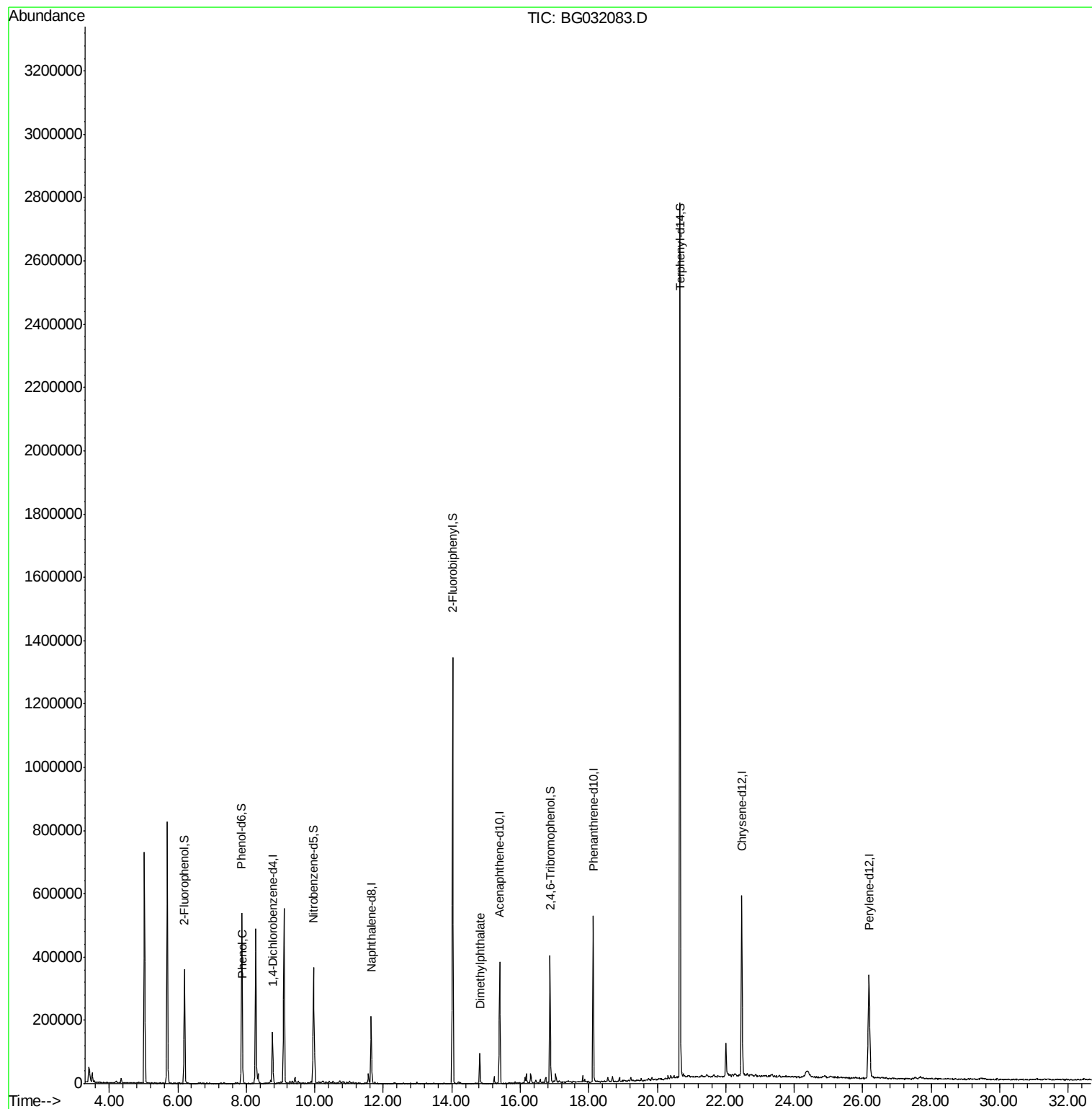
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.76  | 152  | 54124    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 11.65 | 136  | 208281   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 15.40 | 164  | 142654   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 18.13 | 188  | 356375   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 22.47 | 240  | 434748   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12            | 26.19 | 264  | 454633   | 20.00 | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 6.20  | 112  | 191156   | 64.59 | ng    | 0.00     |
| 7) Phenol-d6                | 7.87  | 99   | 345984   | 92.83 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.96  | 82   | 232951   | 75.67 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.87 | 330  | 87591    | 37.11 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 14.02 | 172  | 821095   | 71.37 | ng    | -0.01    |
| 78) Terphenyl-d14           | 20.66 | 244  | 1477569  | 75.04 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 7.90  | 94   | 10727    | 2.922 | ng    | # 72     |
| 49) Dimethylphthalate       | 14.82 | 163  | 72733    | 5.826 | ng    | # 98     |

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

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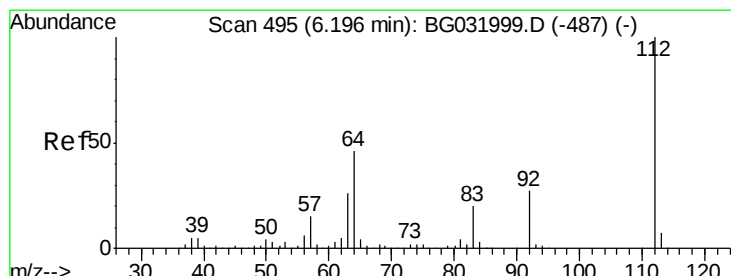
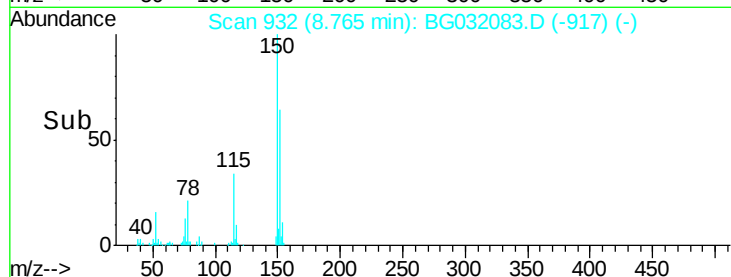
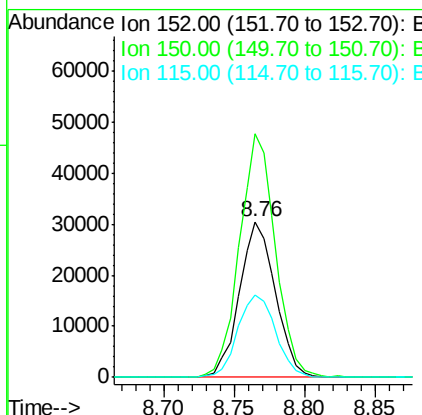
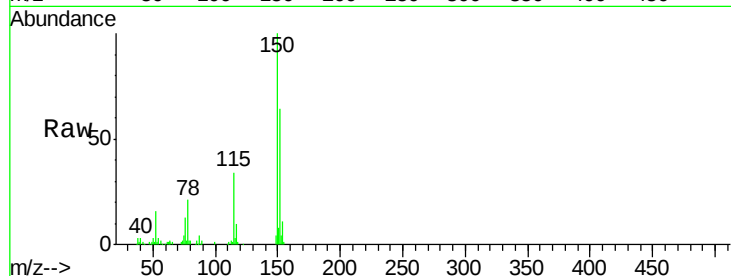


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.76 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

Instrument :  
BNA\_G  
ClientSampleId :  
C-9A

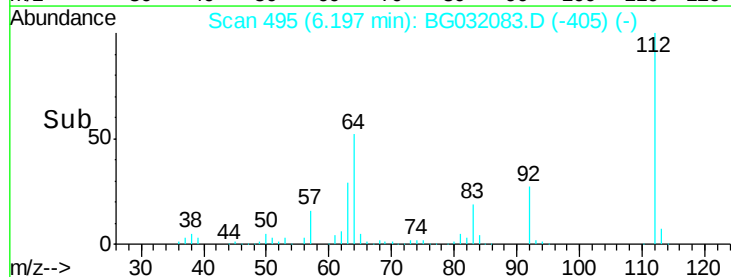
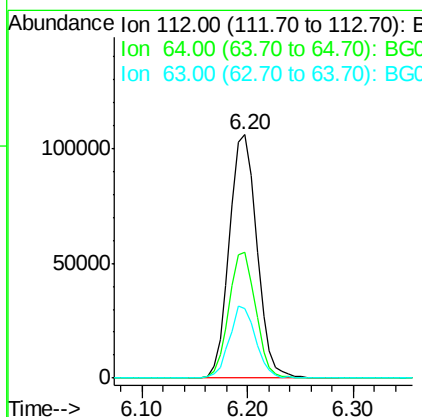
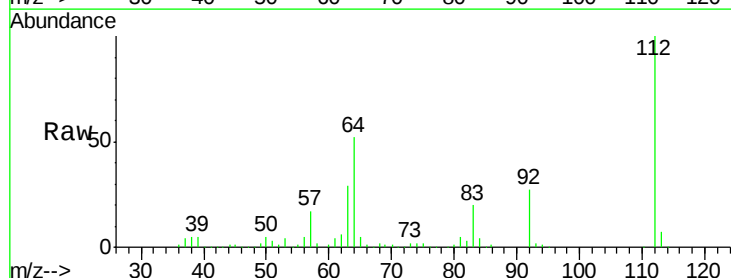
Tgt Ion:152 Resp: 54124  
Ion Ratio Lower Upper  
152 100  
150 156.3 126.6 189.8  
115 52.9 53.0 79.4#

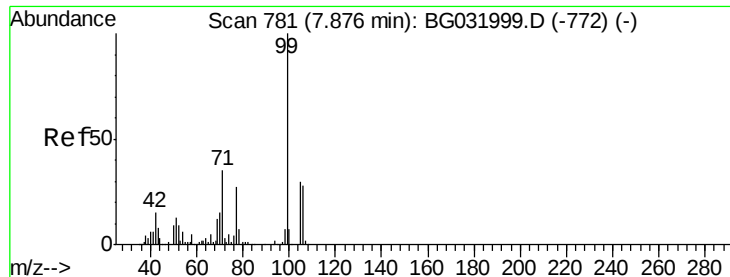


#5

2-Fluorophenol  
Concen: 64.595 ng  
RT: 6.20 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

Tgt Ion:112 Resp: 191156  
Ion Ratio Lower Upper  
112 100  
64 51.9 56.3 84.5#  
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 92.830 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Instrument :

BNA\_G

ClientSampleId :

C-9A

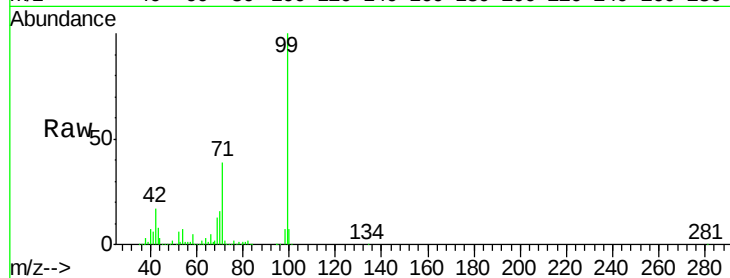
Tgt Ion: 99 Resp: 345984

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

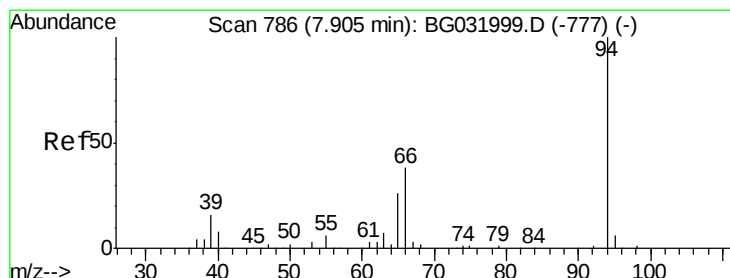
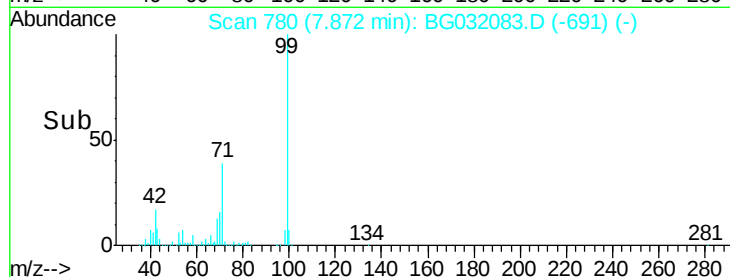
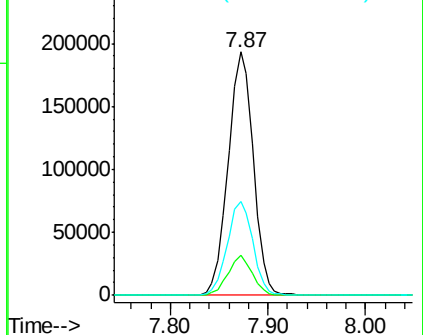
71 38.7 26.1 39.1



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: 2.922 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

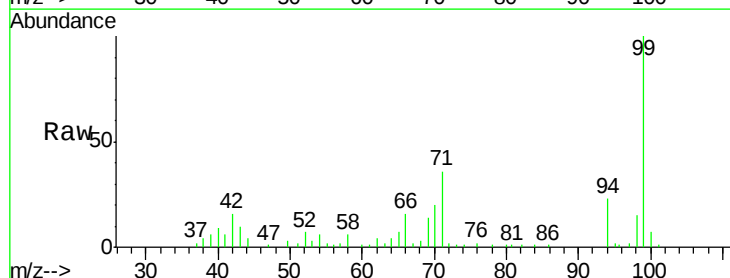
Tgt Ion: 94 Resp: 10727

Ion Ratio Lower Upper

94 100

65 28.8 11.9 51.9

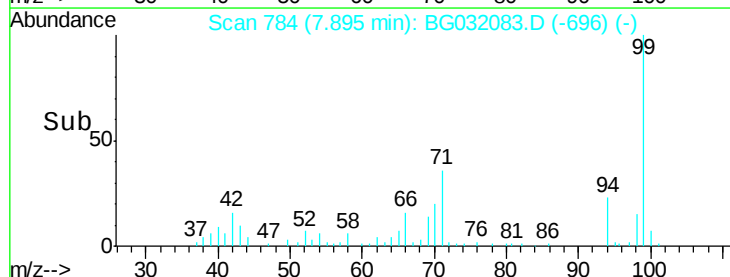
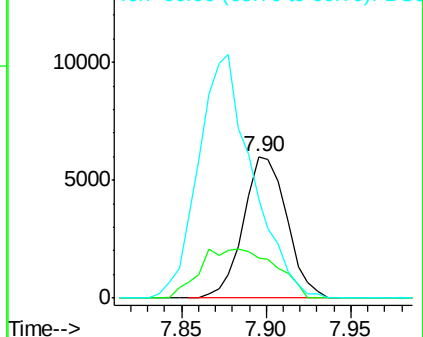
66 70.3 22.2 62.2#

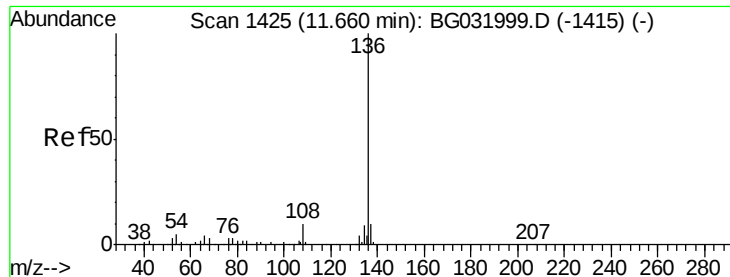


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

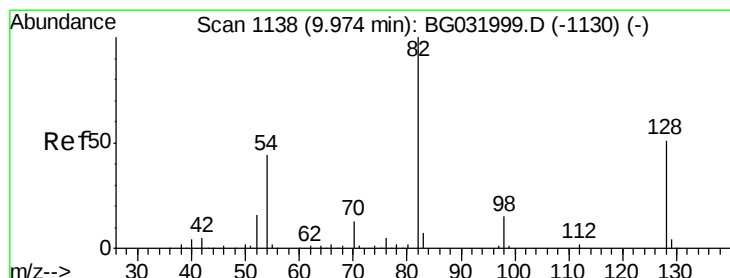
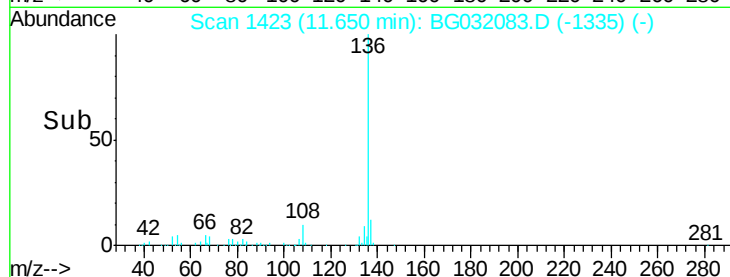
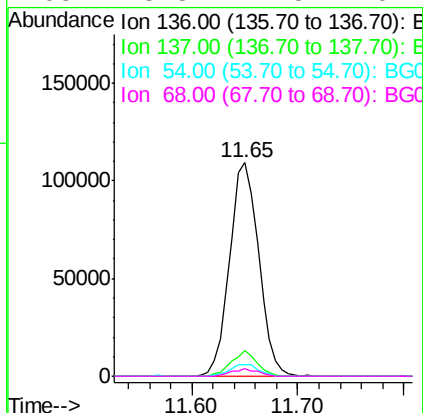
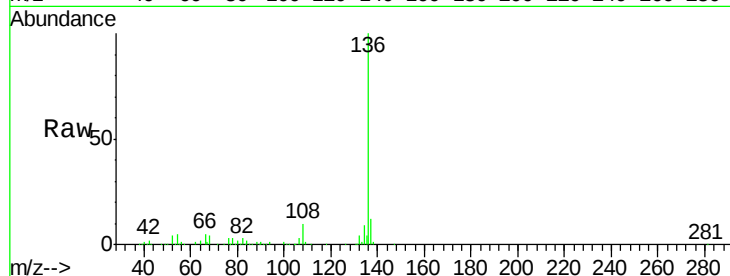




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.65 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

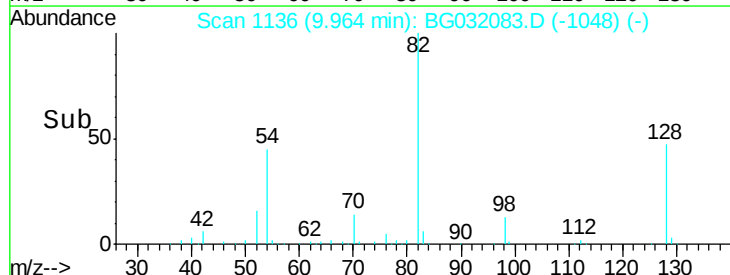
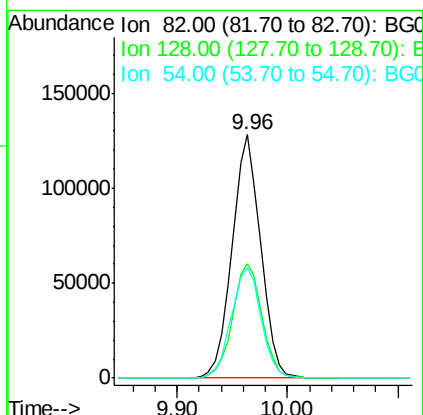
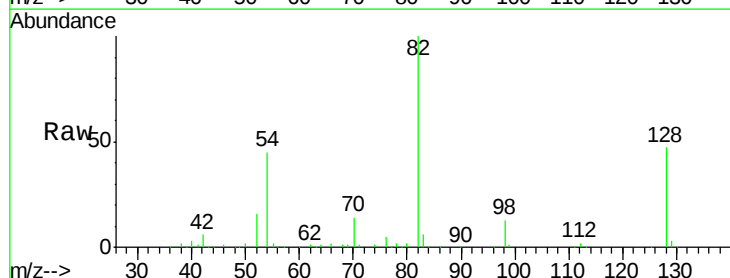
Instrument :  
BNA\_G  
ClientSampleId :  
C-9A

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 208281 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.9  | 9.2   | 13.8   |
| 54       | 5.4   | 10.3  | 15.5#  |
| 68       | 3.8   | 4.5   | 6.7#   |



#23  
Nitrobenzene-d5  
Concen: 75.668 ng  
RT: 9.96 min Scan# 1136  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 232951 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 46.7  | 29.7  | 44.5#  |
| 54       | 45.4  | 43.1  | 64.7   |

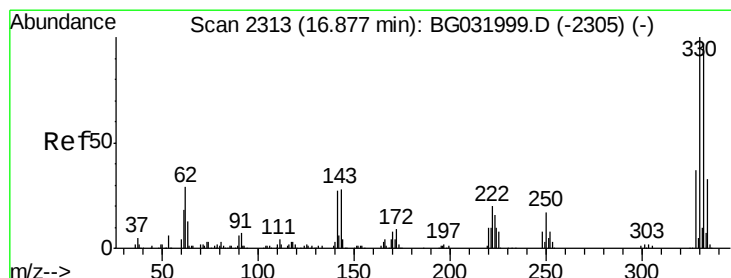
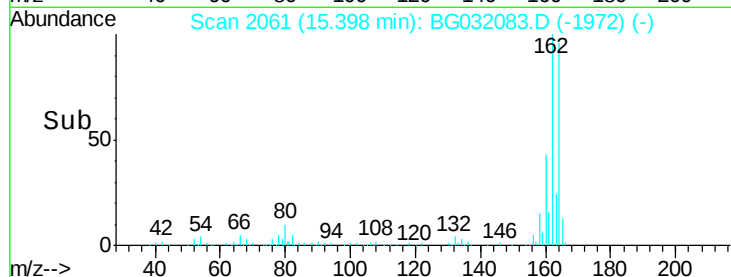
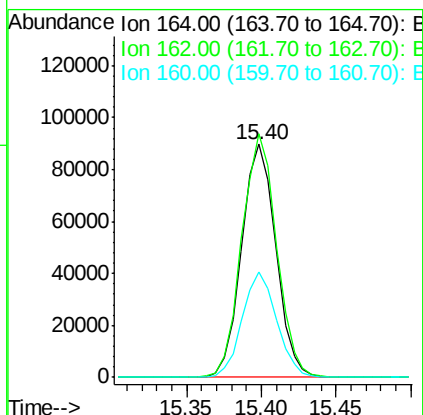
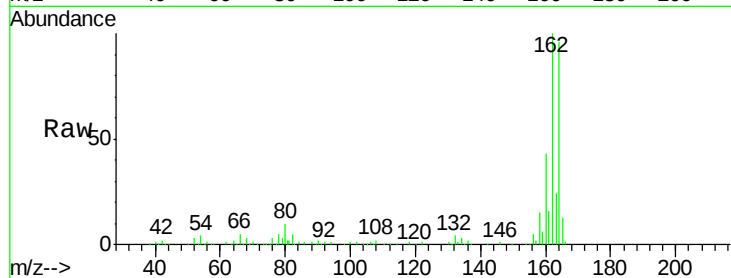




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.40 min Scan# 2061  
Delta R.T. -0.00 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

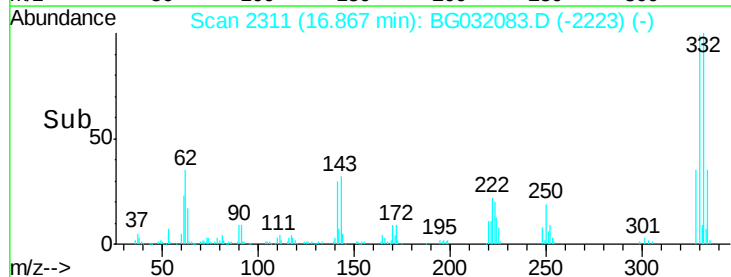
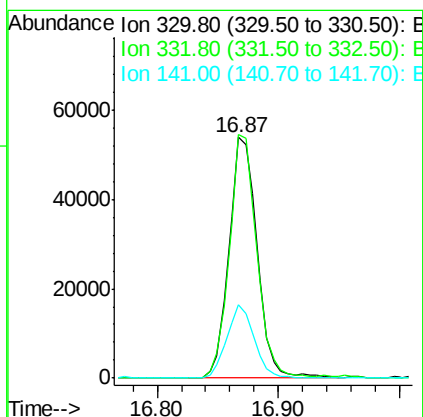
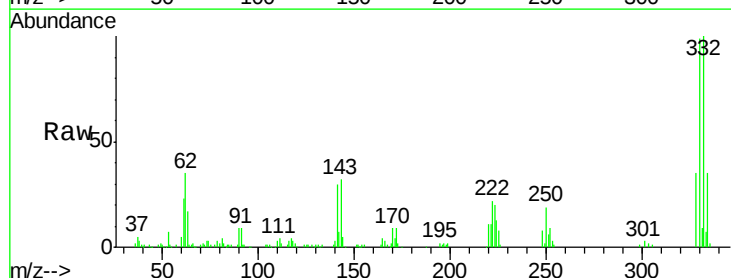
Instrument :  
BNA\_G  
ClientSampleId :  
C-9A

Tgt Ion:164 Resp: 142654  
Ion Ratio Lower Upper  
164 100  
162 104.4 78.8 118.2  
160 45.2 35.4 53.0



#41  
2,4,6-Tribromophenol  
Concen: 37.106 ng  
RT: 16.87 min Scan# 2311  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

Tgt Ion:330 Resp: 87591  
Ion Ratio Lower Upper  
330 100  
332 99.0 77.0 115.6  
141 29.5 25.2 37.8

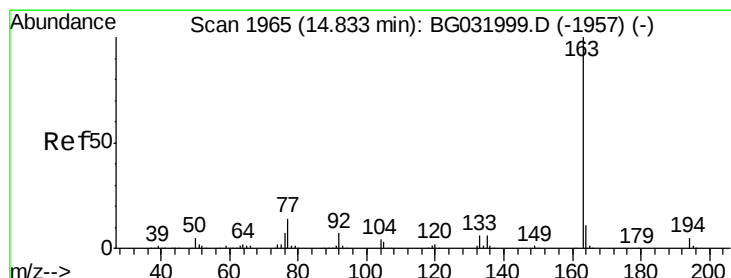
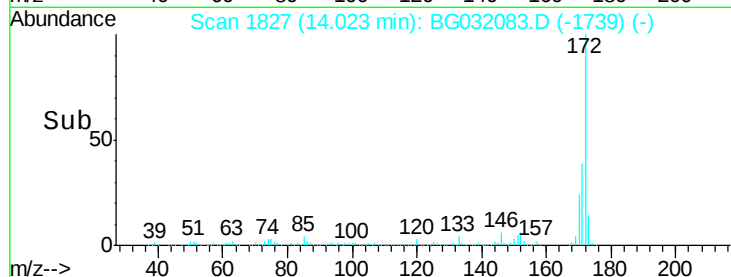
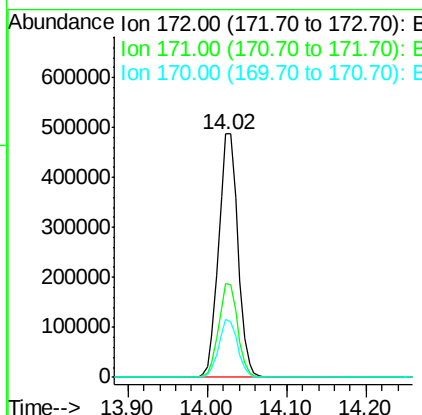
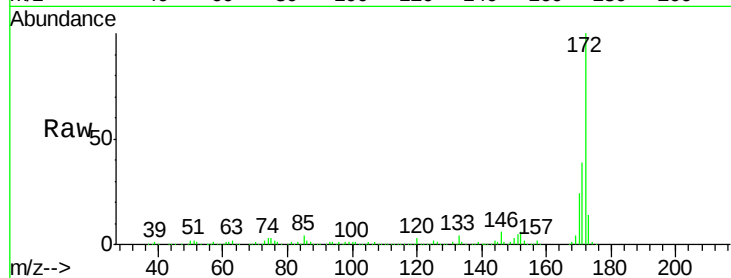




#44  
2-Fluorobiphenyl  
Concen: 71.370 ng  
RT: 14.02 min Scan# 1827  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

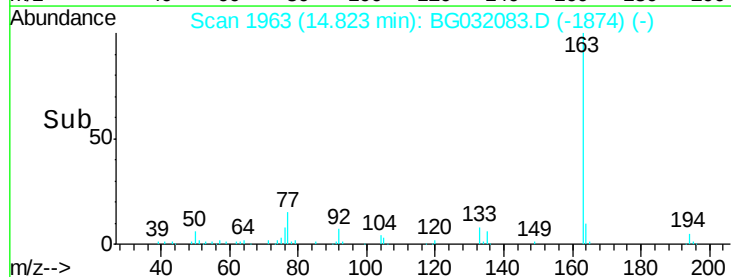
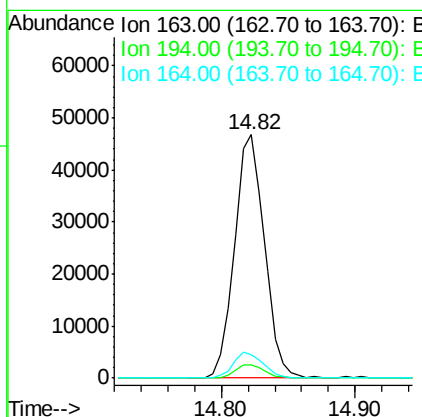
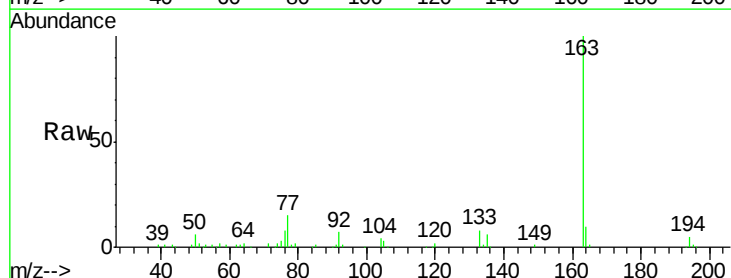
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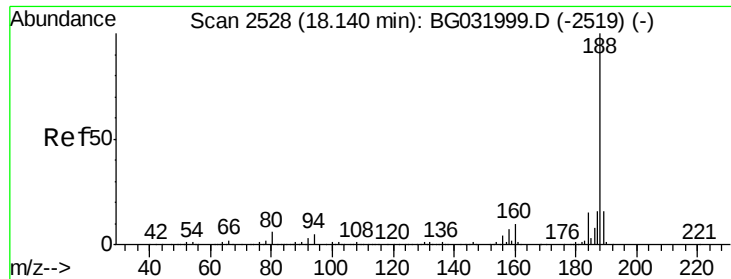
Tgt Ion:172 Resp: 821095  
Ion Ratio Lower Upper  
172 100  
171 38.7 30.0 45.0  
170 23.7 19.5 29.3



#49  
Dimethylphthalate  
Concen: 5.826 ng  
RT: 14.82 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

Tgt Ion:163 Resp: 72733  
Ion Ratio Lower Upper  
163 100  
194 5.3 3.4 5.2#  
164 9.8 8.2 12.4

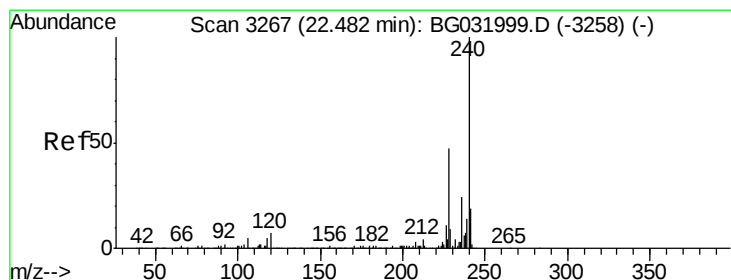
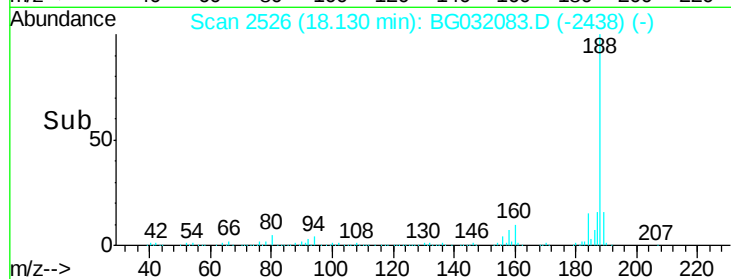
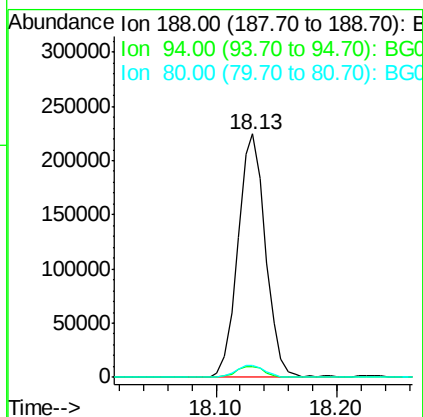
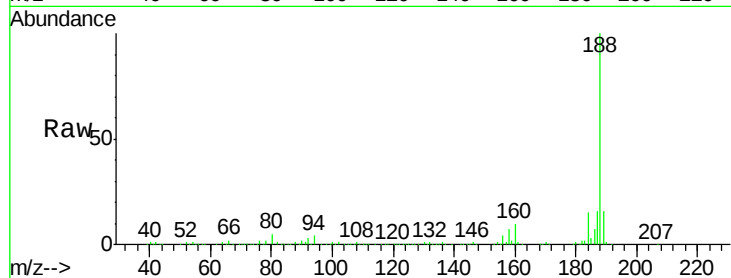




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.13 min Scan# 2526  
Delta R.T. -0.01 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

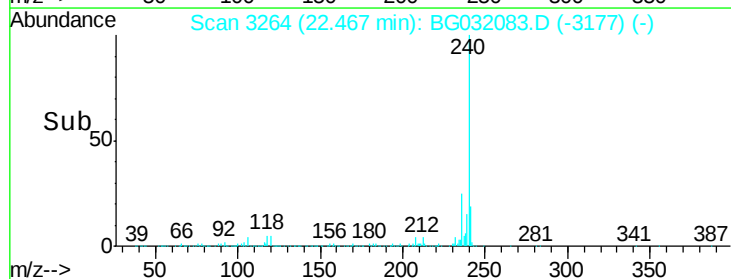
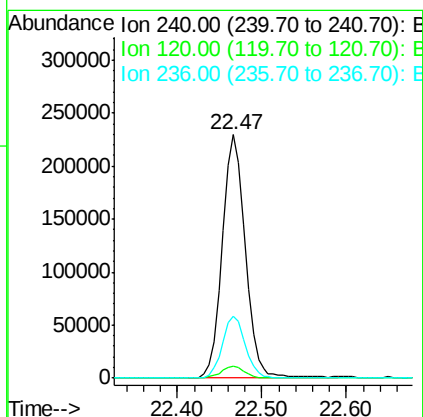
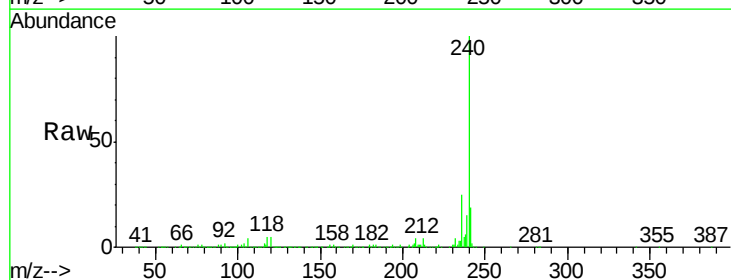
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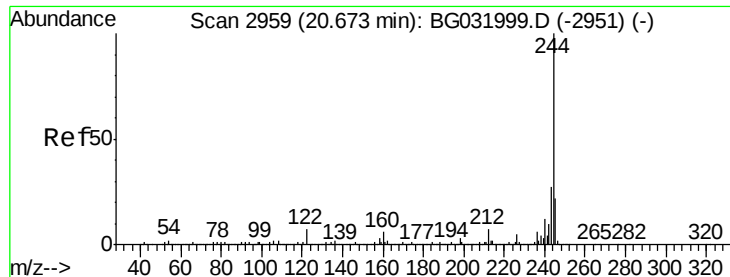
Tgt Ion:188 Resp: 356375  
Ion Ratio Lower Upper  
188 100  
94 4.5 6.9 10.3#  
80 5.1 7.7 11.5#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.47 min Scan# 3264  
Delta R.T. -0.02 min  
Lab File: BG032083.D  
Acq: 16 Jan 2018 23:38

Tgt Ion:240 Resp: 434748  
Ion Ratio Lower Upper  
240 100  
120 5.2 6.8 10.2#  
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 75.044 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

Instrument :

BNA\_G

ClientSampleId :

C-9A

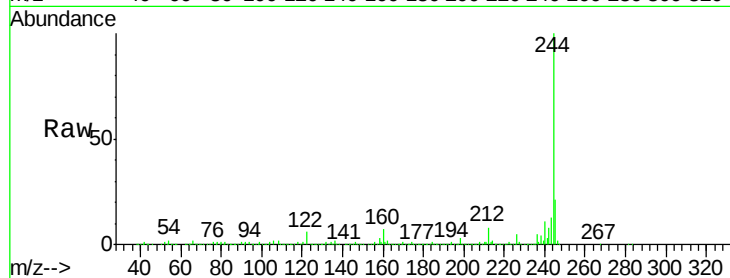
Tgt Ion:244 Resp: 1477569

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

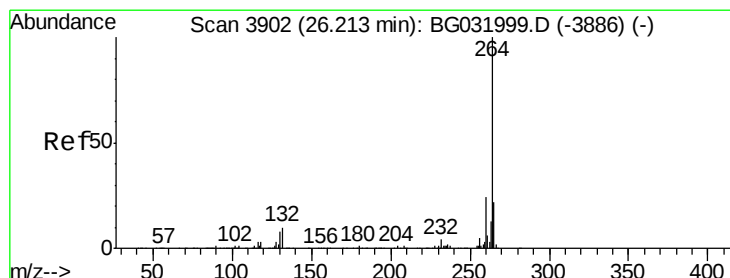
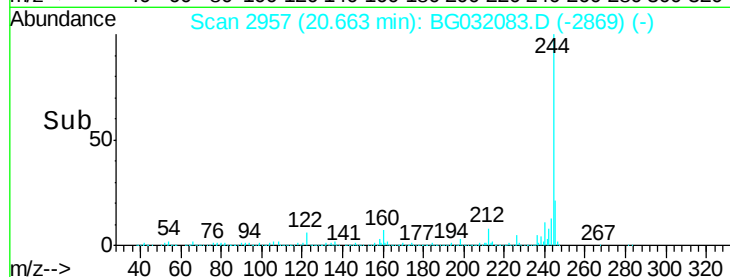
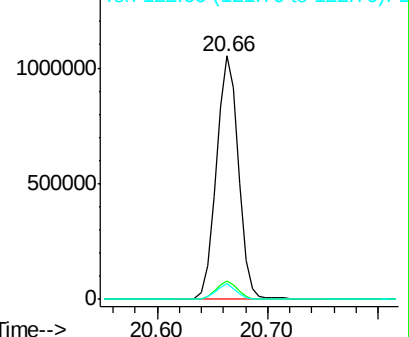
122 6.4 7.0 10.4#



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: 26.19 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032083.D

Acq: 16 Jan 2018 23:38

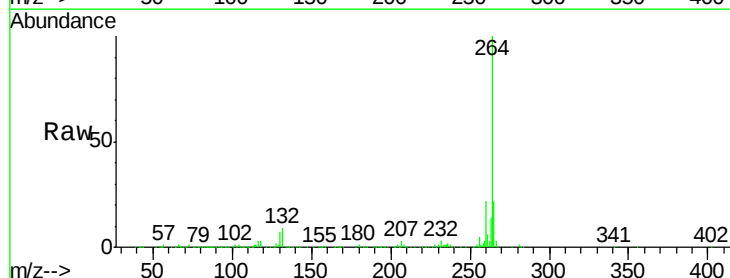
Tgt Ion:264 Resp: 454633

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 22.2 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

