

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG032919\  
 Data File : BG040234.D  
 Acq On : 29 Mar 2019 20:36  
 Operator : JU/SJ  
 Sample : K2138-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S6B(12-20)COMP

Quant Time: Mar 30 04:45:04 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 28 05:47:00 2019  
 Response via : Initial Calibration

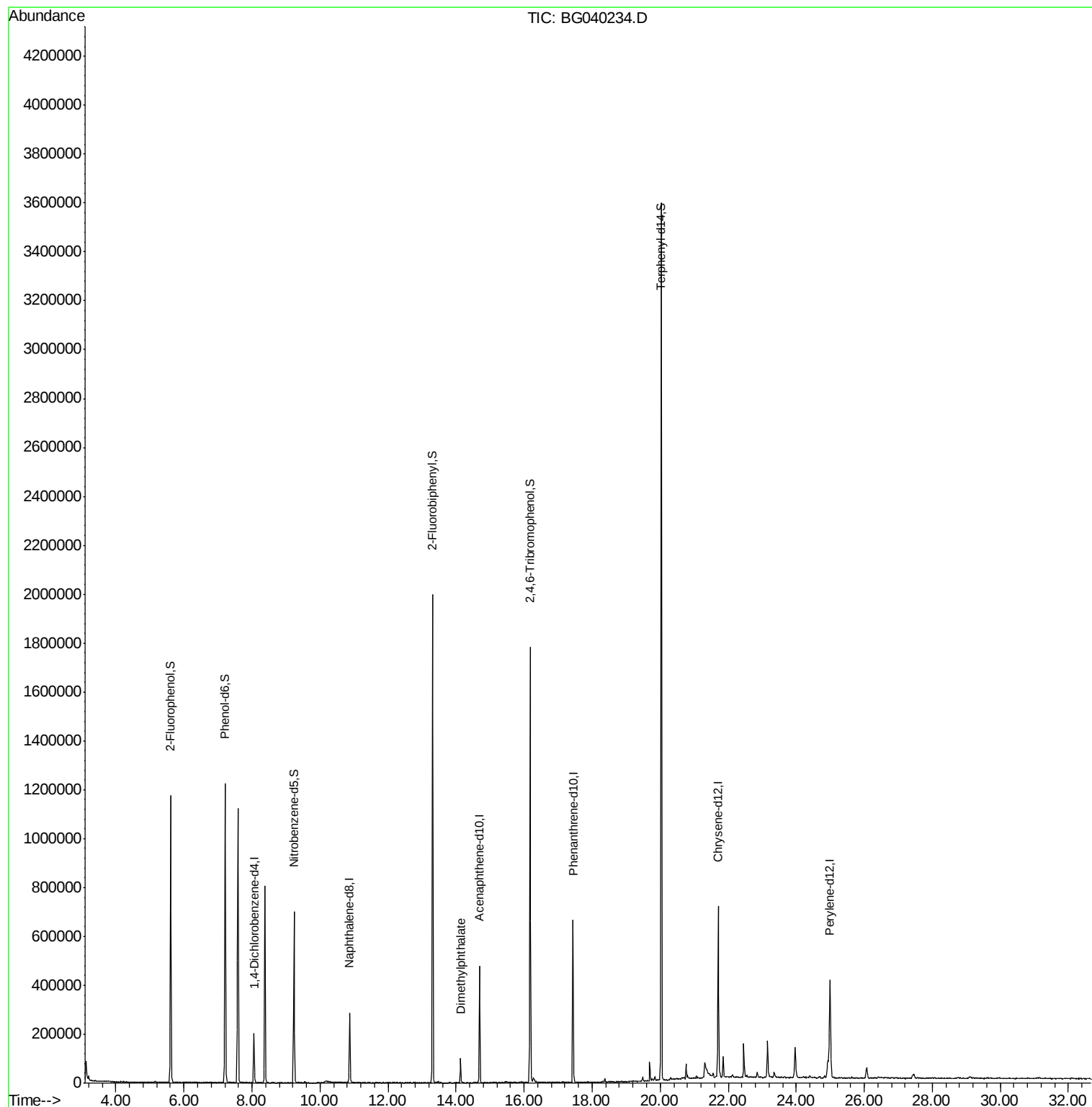
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.06  | 152  | 56436    | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.87 | 136  | 242422   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.69 | 164  | 164565   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.44 | 188  | 423762   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.71 | 240  | 418984   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 24.99 | 264  | 422460   | 20.00  | ng    | -0.04     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 508552   | 149.80 | ng    | -0.01     |
| 7) Phenol-d6                | 7.21  | 99   | 723543   | 154.22 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 424828   | 93.15  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 307322   | 172.80 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 1045878  | 94.17  | ng    | -0.01     |
| 79) Terphenyl-d14           | 20.03 | 244  | 1612171  | 86.56  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.13 | 163  | 66872    | 5.192  | ng    | Qvalue 96 |

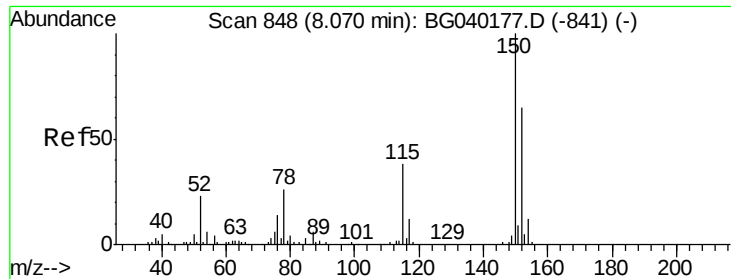
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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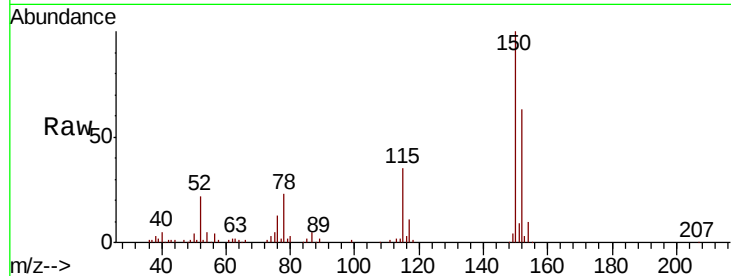


#1

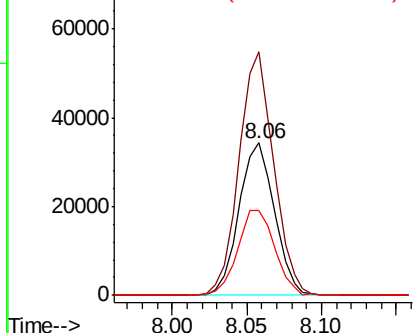
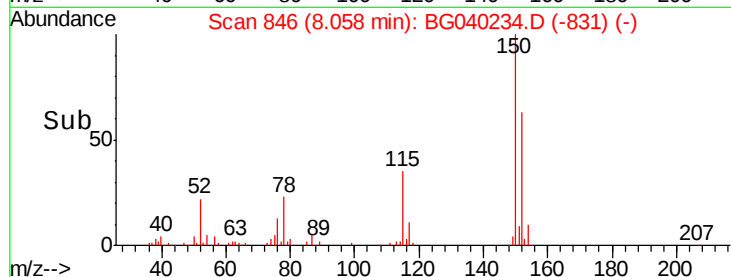
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

Instrument :  
BNA\_G  
ClientSampleId :  
S6B(12-20)COMP

Tgt Ion:152 Resp: 56436  
Ion Ratio Lower Upper  
152 100  
150 159.9 123.7 185.5  
115 55.6 46.9 70.3



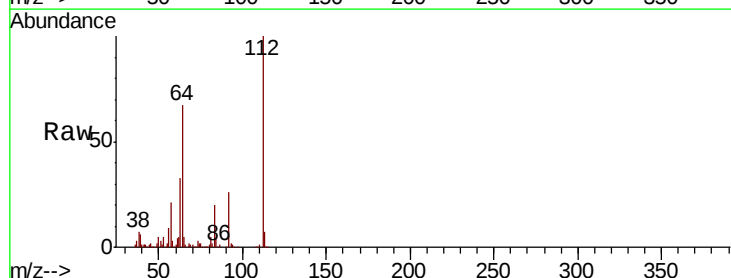
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



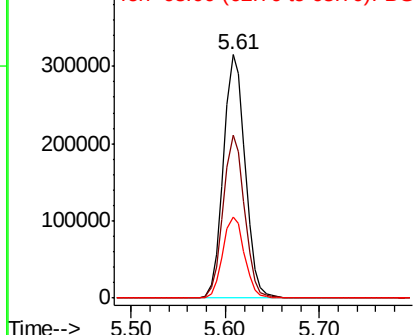
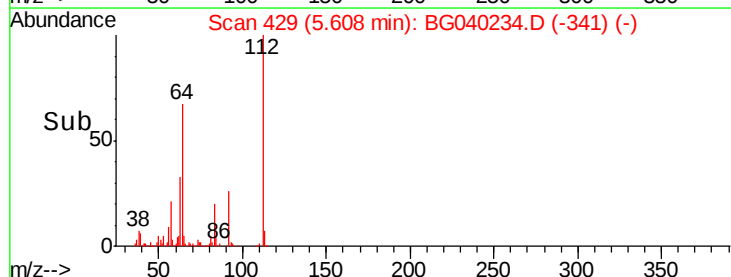
#5

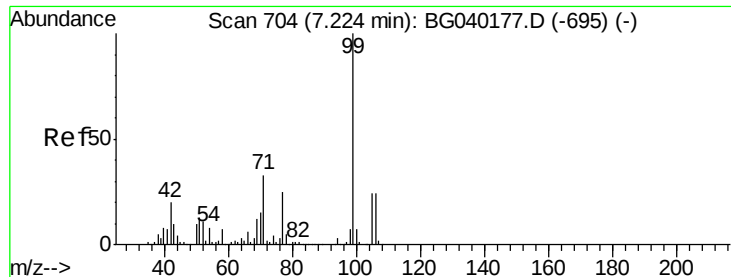
2-Fluorophenol  
Concen: 149.802 ng  
RT: 5.61 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

Tgt Ion:112 Resp: 508552  
Ion Ratio Lower Upper  
112 100  
64 67.1 54.2 81.2  
63 33.2 26.4 39.6



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





#7

Phenol-d6

Concen: 154.218 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Instrument :

BNA\_G

ClientSampleId :

S6B(12-20)COMP

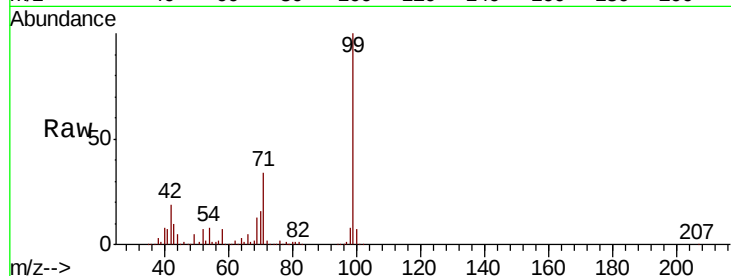
Tgt Ion: 99 Resp: 723543

Ion Ratio Lower Upper

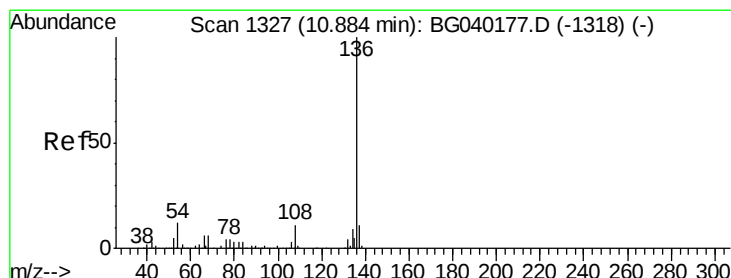
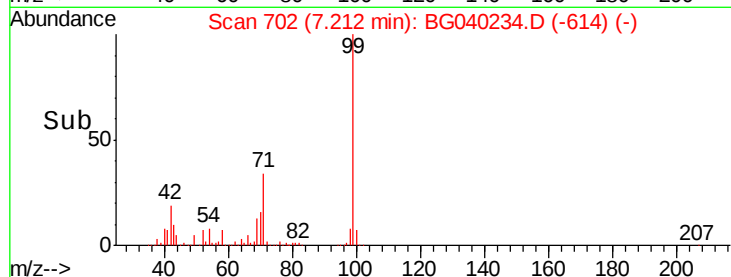
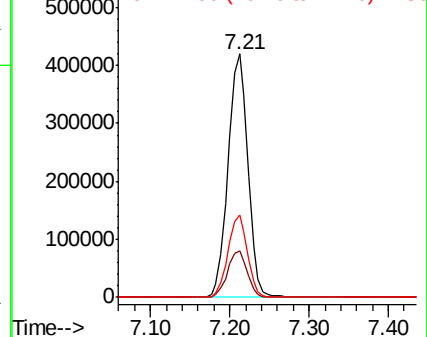
99 100

42 18.9 16.2 24.2

71 33.7 26.8 40.2



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: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Tgt Ion: 136 Resp: 242422

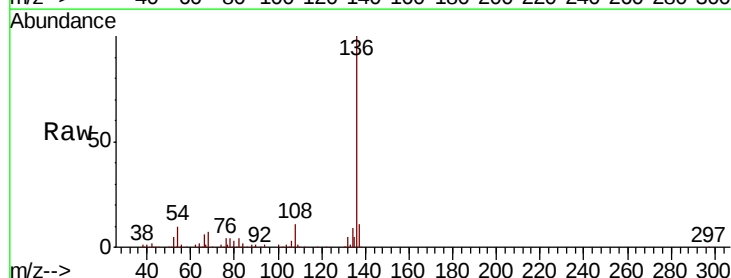
Ion Ratio Lower Upper

136 100

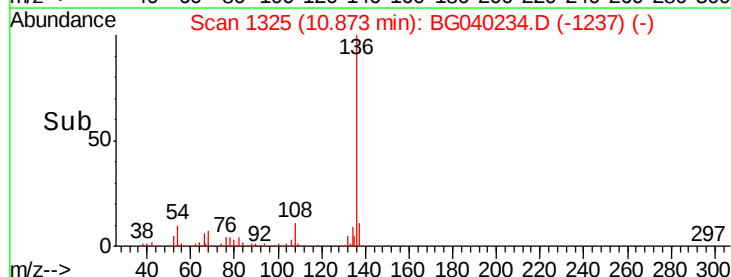
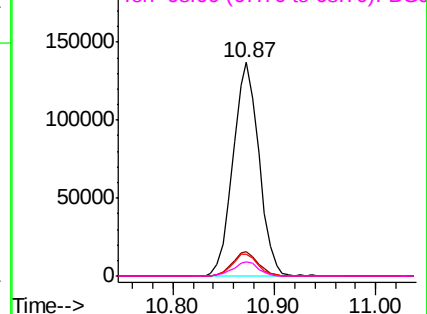
137 11.2 8.9 13.3

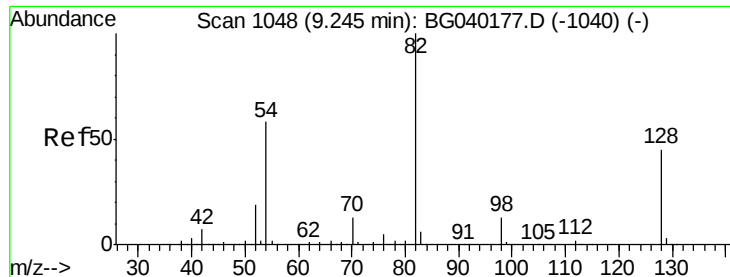
54 10.1 9.6 14.4

68 6.5 5.1 7.7



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

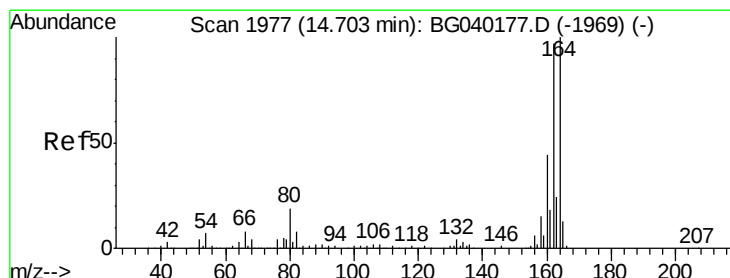
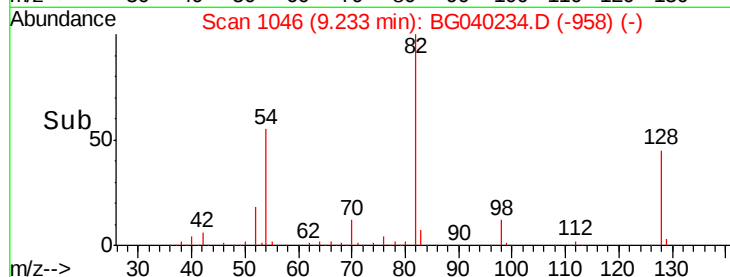
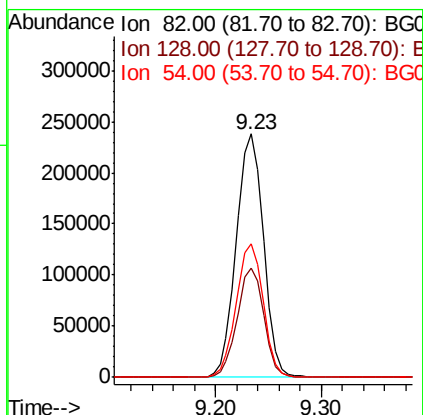
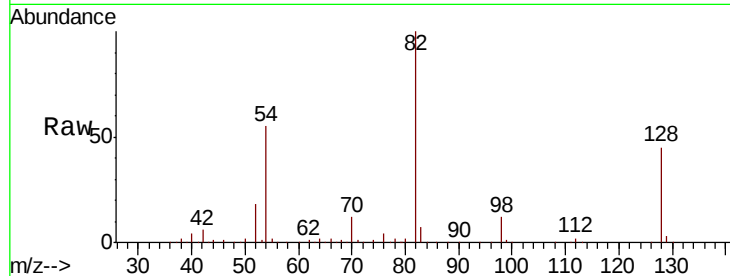




#23  
Nitrobenzene-d5  
Concen: 93.148 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

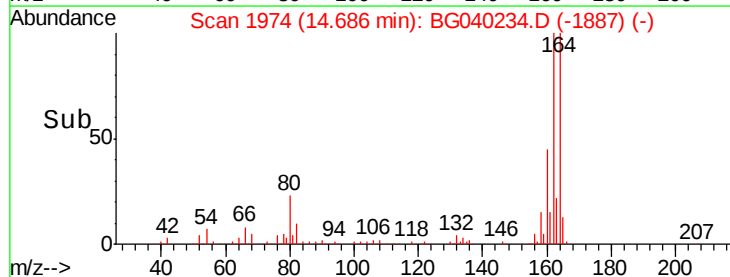
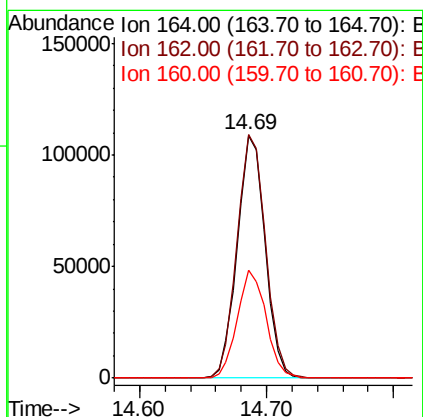
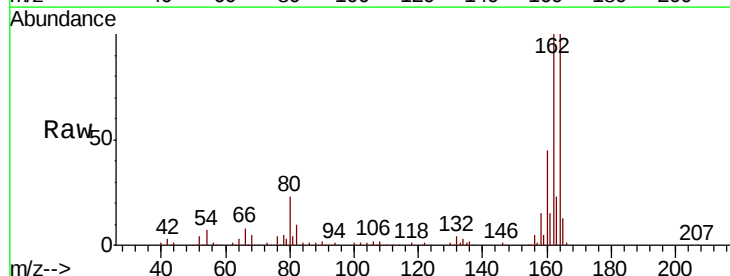
Instrument :  
BNA\_G  
ClientSampleId :  
S6B(12-20)COMP

Tgt Ion: 82 Resp: 424828  
Ion Ratio Lower Upper  
82 100  
128 44.9 35.8 53.8  
54 54.9 46.2 69.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

Tgt Ion: 164 Resp: 164565  
Ion Ratio Lower Upper  
164 100  
162 100.3 77.4 116.2  
160 44.7 35.3 52.9

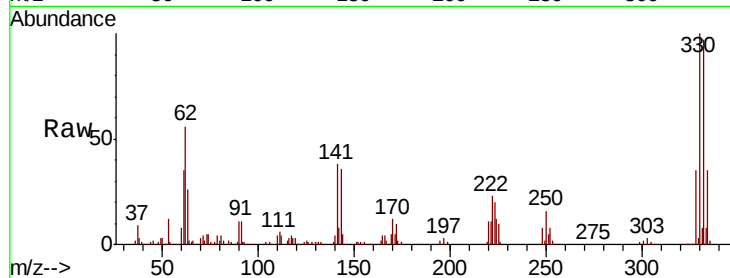




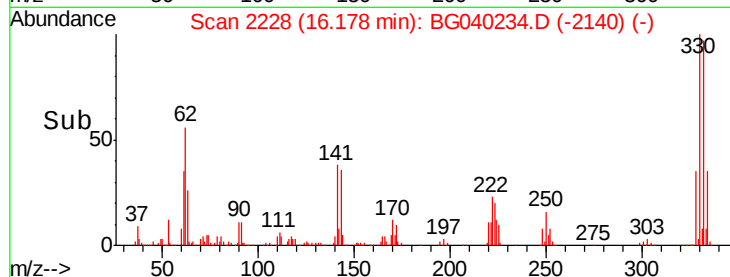
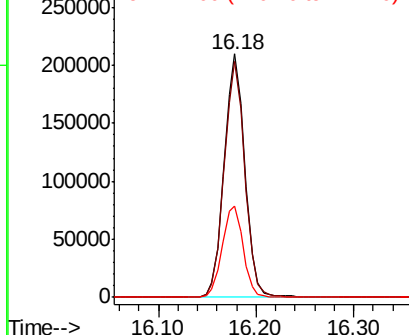
#42  
 2,4,6-Tribromophenol  
 Concen: 172.797 ng  
 RT: 16.18 min Scan# 2228  
 Delta R.T. -0.01 min  
 Lab File: BG040234.D  
 Acq: 29 Mar 2019 20:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S6B(12-20)COMP

Tgt Ion:330 Resp: 307322  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 76.6 115.0  
 141 38.3 32.6 48.8

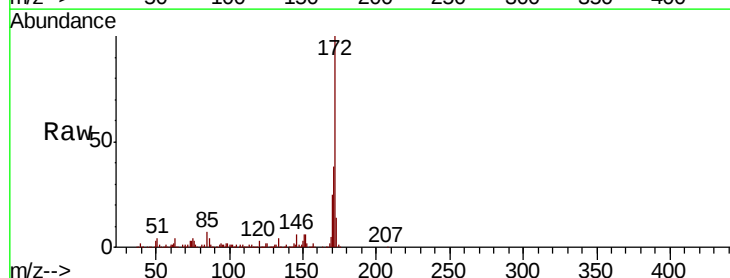


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

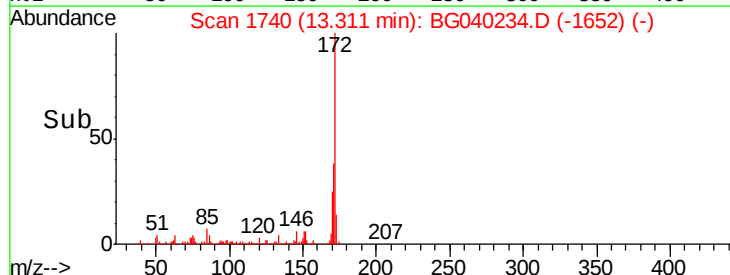
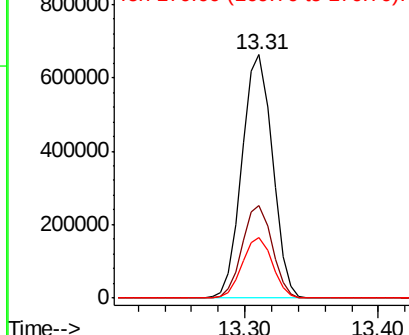


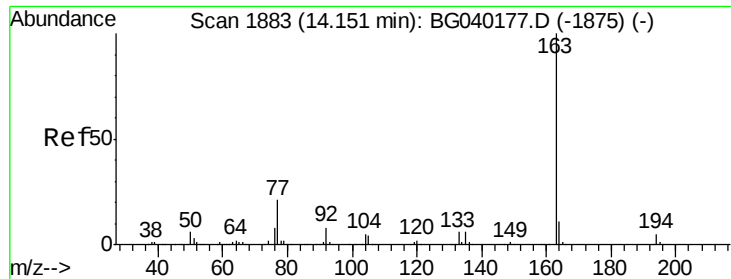
#45  
 2-Fluorobiphenyl  
 Concen: 94.172 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG040234.D  
 Acq: 29 Mar 2019 20:36

Tgt Ion:172 Resp: 1045878  
 Ion Ratio Lower Upper  
 172 100  
 171 38.2 30.5 45.7  
 170 25.0 20.1 30.1



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





#50

Dimethylphthalate

Concen: 5.192 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

Instrument :

BNA\_G

ClientSampleId :

S6B(12-20)COMP

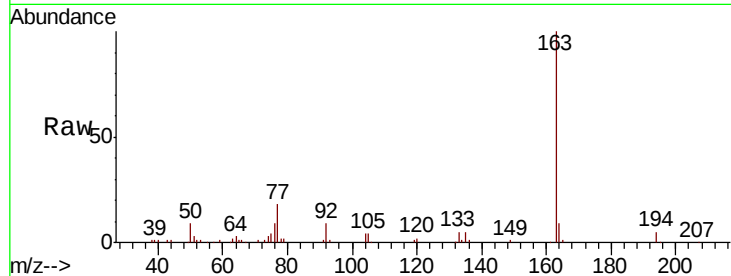
Tgt Ion:163 Resp: 66872

Ion Ratio Lower Upper

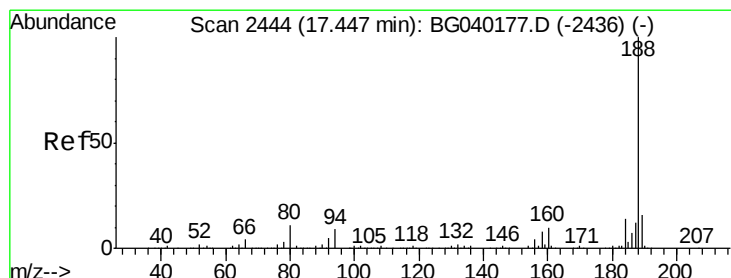
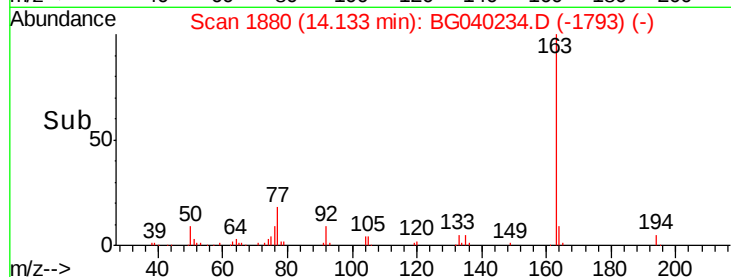
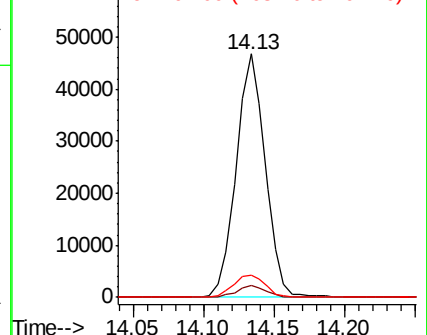
163 100

194 4.8 4.1 6.1

164 9.0 8.6 13.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG040234.D

Acq: 29 Mar 2019 20:36

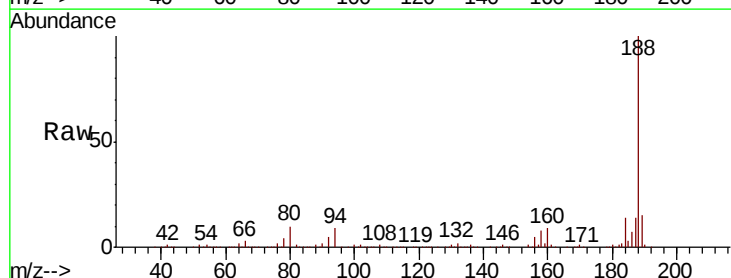
Tgt Ion:188 Resp: 423762

Ion Ratio Lower Upper

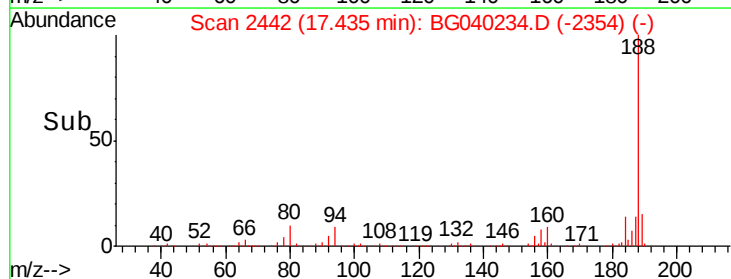
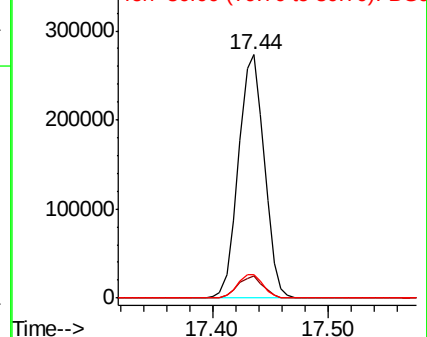
188 100

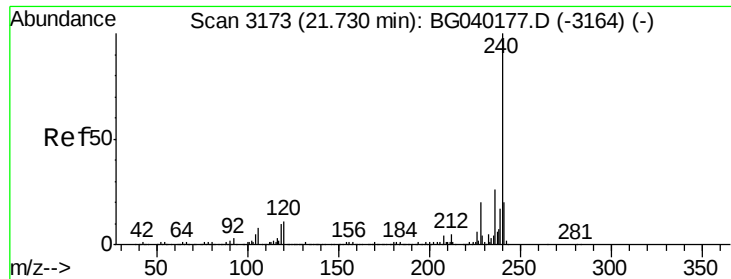
94 8.9 7.0 10.4

80 9.8 8.6 13.0



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

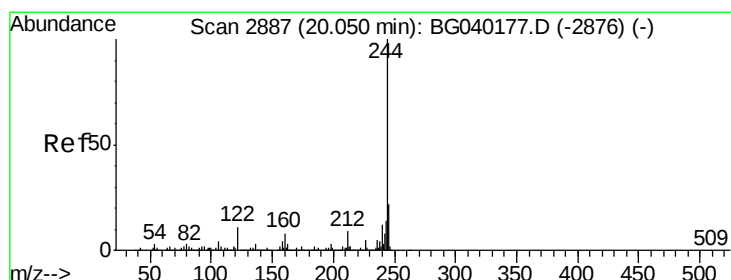
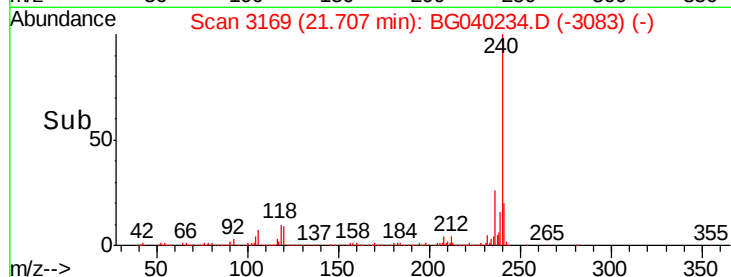
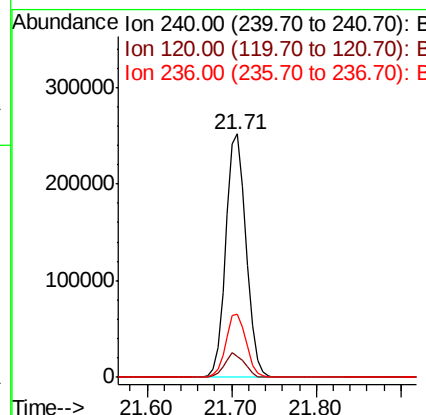
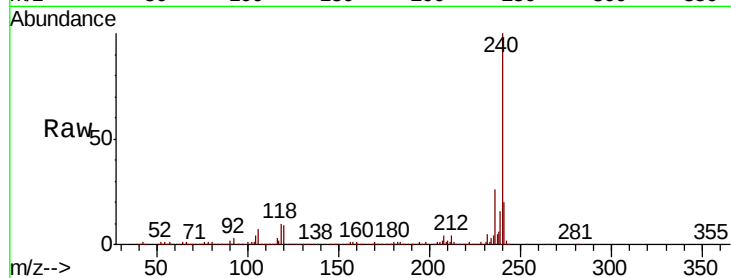




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. -0.02 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

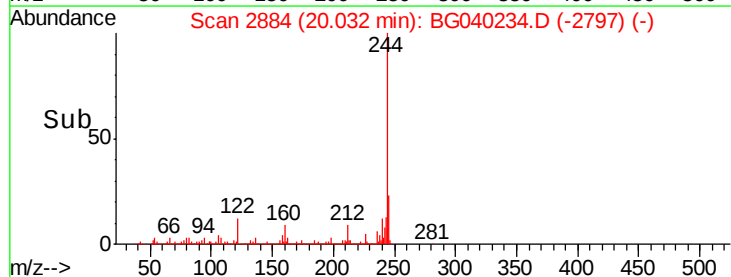
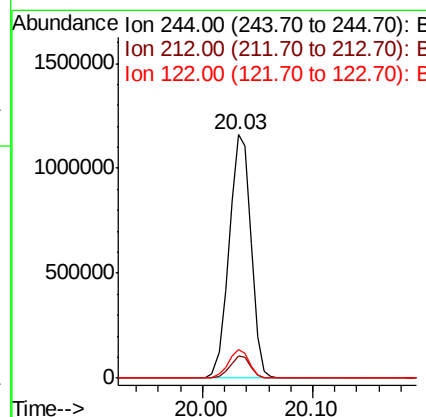
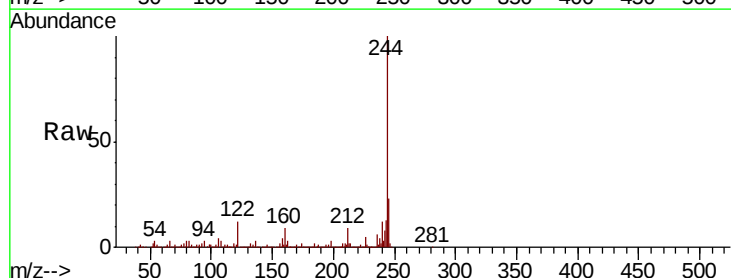
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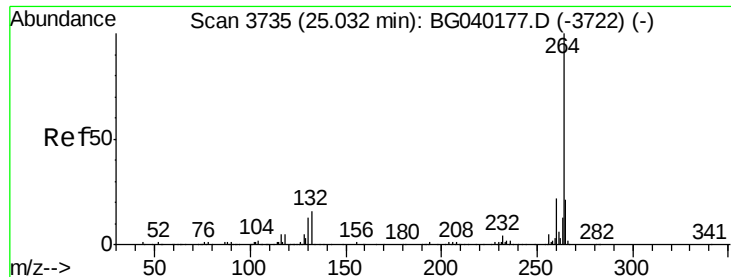
Tgt Ion:240 Resp: 418984  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.4 12.6  
236 26.1 20.8 31.2



#79  
Terphenyl-d14  
Concen: 86.562 ng  
RT: 20.03 min Scan# 2884  
Delta R.T. -0.02 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

Tgt Ion:244 Resp: 1612171  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.0 10.6  
122 11.8 8.5 12.7





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.99 min Scan# 3728  
Delta R.T. -0.04 min  
Lab File: BG040234.D  
Acq: 29 Mar 2019 20:36

Instrument :  
BNA\_G  
ClientSampleId :  
S6B(12-20)COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 17.9  | 26.9  |
| 265     | 21.6  | 16.8  | 25.2  |

