

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG032919\  
 Data File : BG040254.D  
 Acq On : 30 Mar 2019 9:55  
 Operator : JU/SJ  
 Sample : K2112-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DR-WC-001

Quant Time: Apr 01 02:25:33 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

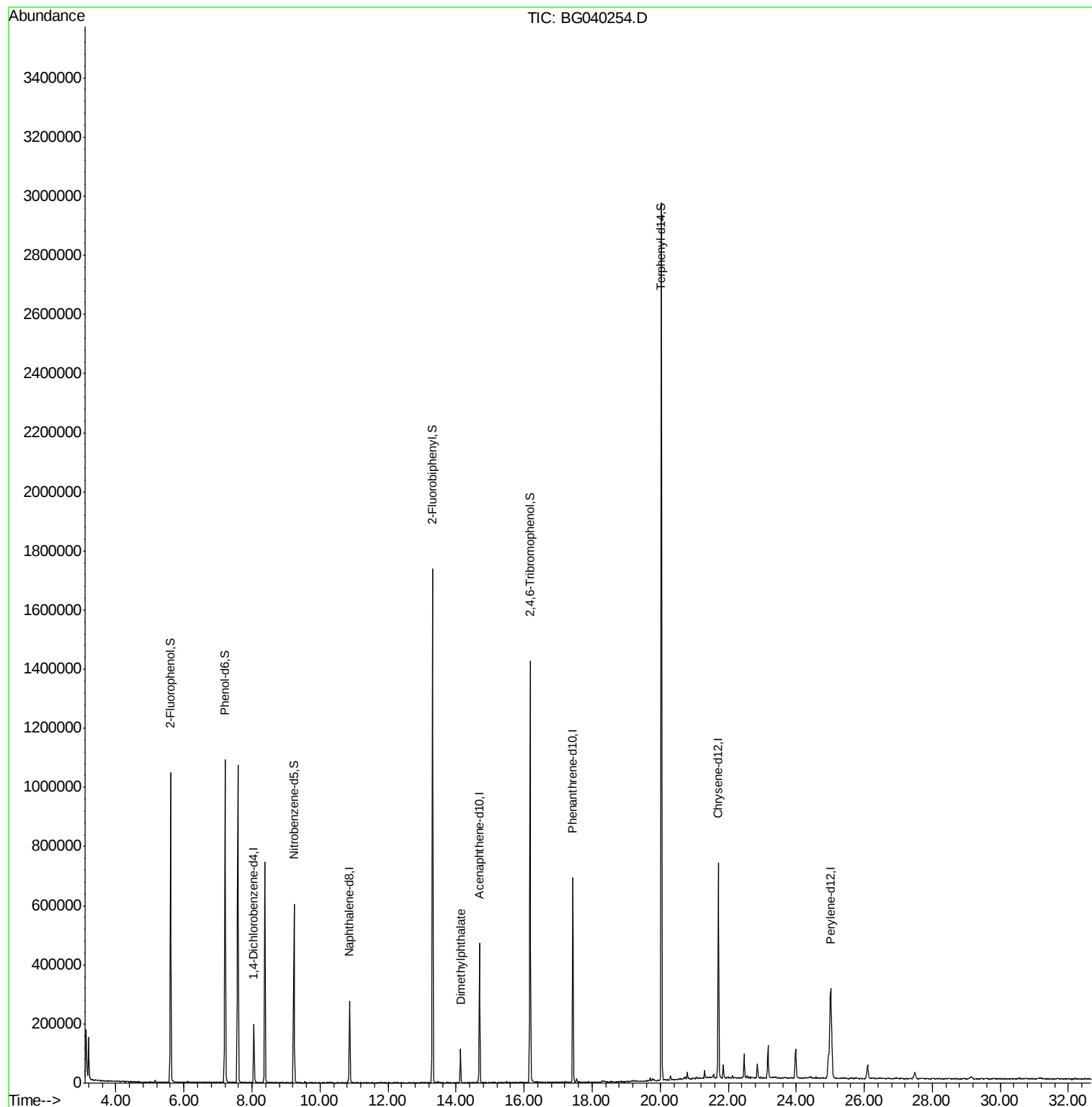
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.05  | 152  | 55615    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.87 | 136  | 241613   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.69 | 164  | 166776   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.43 | 188  | 427277   | 20.00  | ng    | -0.02     |
| 76) Chrysene-d12            | 21.71 | 240  | 435421   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 25.02 | 264  | 440428   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 457488   | 136.75 | ng    | -0.01     |
| 7) Phenol-d6                | 7.21  | 99   | 653888   | 141.43 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 376431   | 82.81  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 263004   | 145.92 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 931839   | 82.79  | ng    | -0.02     |
| 79) Terphenyl-d14           | 20.04 | 244  | 1512813  | 78.16  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.13 | 163  | 79678    | 6.104  | ng    | Qvalue 97 |

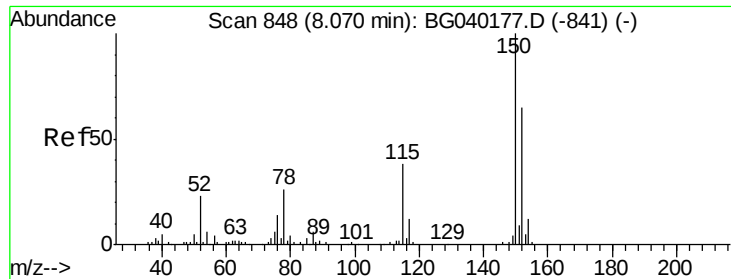
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

DR-WC-001

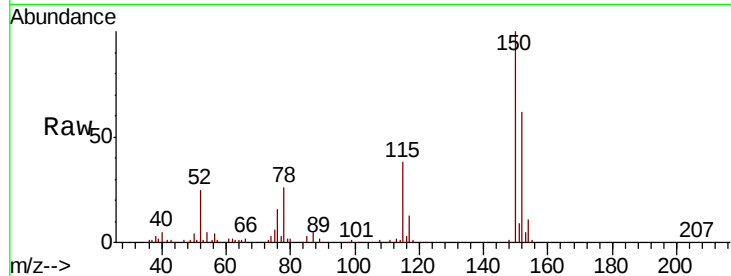
Tgt Ion:152 Resp: 55615

Ion Ratio Lower Upper

152 100

150 160.2 123.7 185.5

115 61.1 46.9 70.3

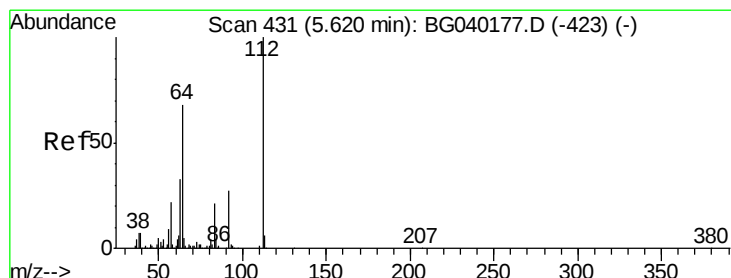
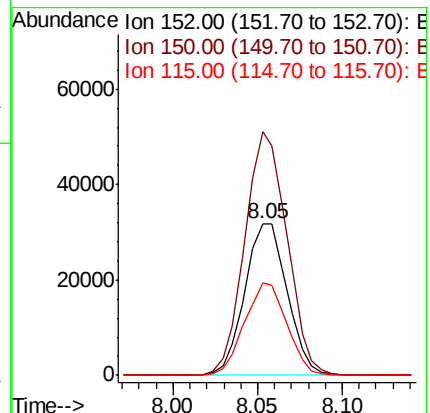
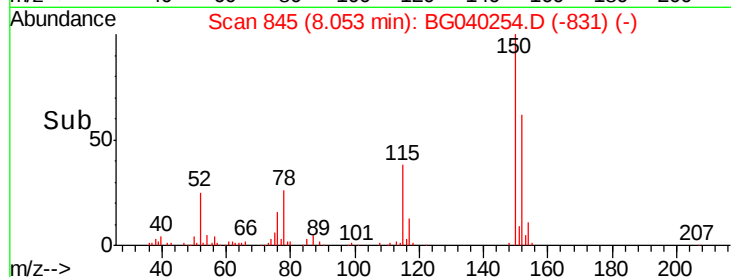


Abundance

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: 136.750 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

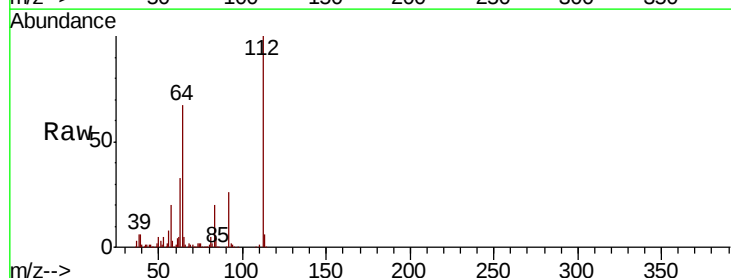
Tgt Ion:112 Resp: 457488

Ion Ratio Lower Upper

112 100

64 67.0 54.2 81.2

63 33.1 26.4 39.6

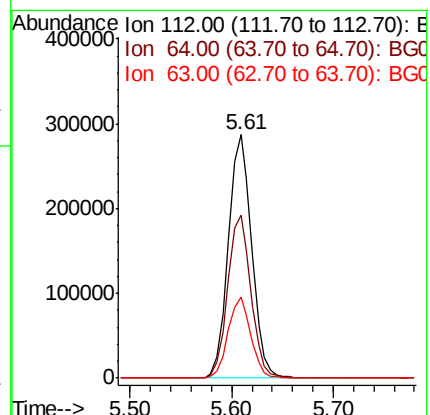
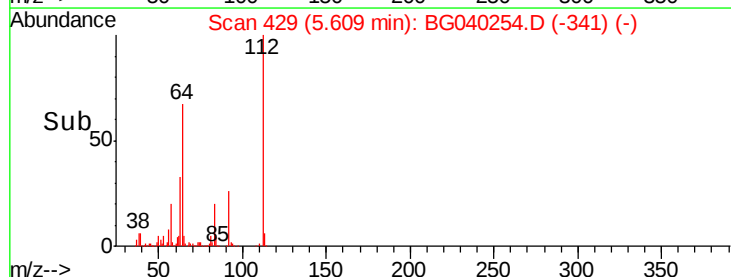


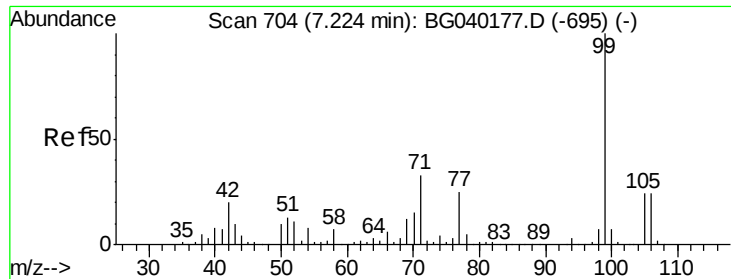
Abundance

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: 141.429 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

DR-WC-001

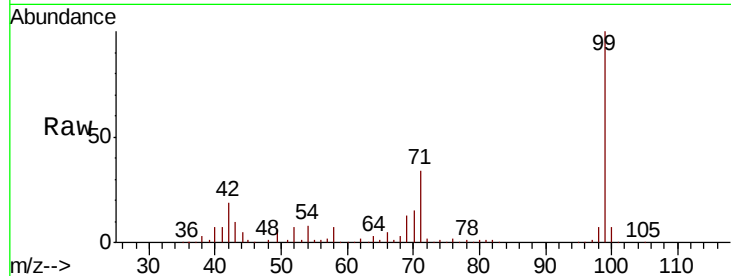
Tgt Ion: 99 Resp: 653888

Ion Ratio Lower Upper

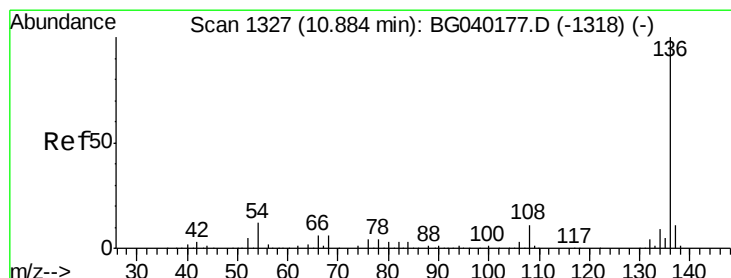
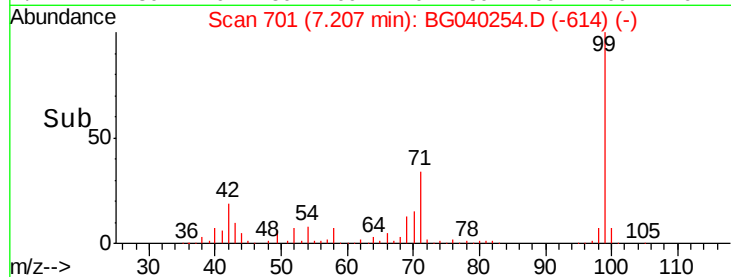
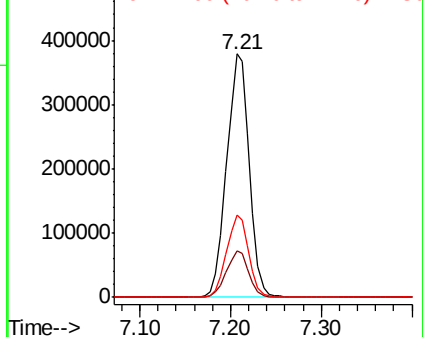
99 100

42 19.1 16.2 24.2

71 34.0 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# 1324

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Tgt Ion: 136 Resp: 241613

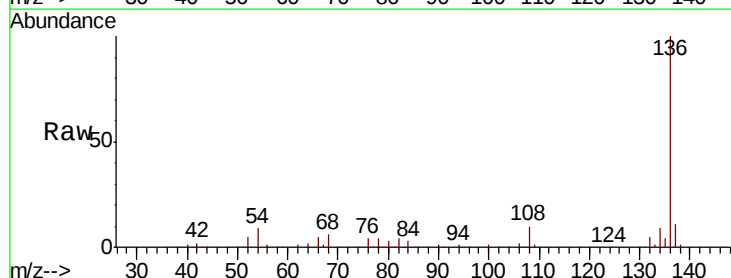
Ion Ratio Lower Upper

136 100

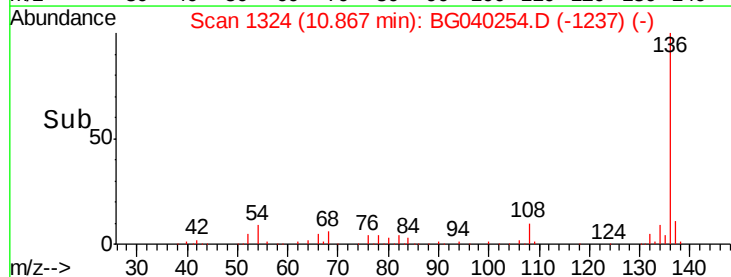
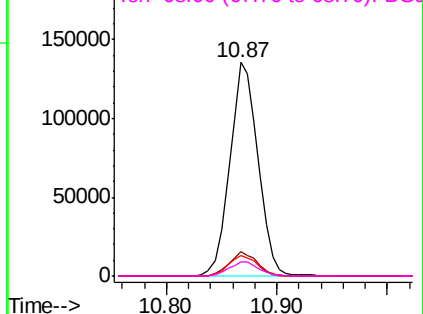
137 11.2 8.9 13.3

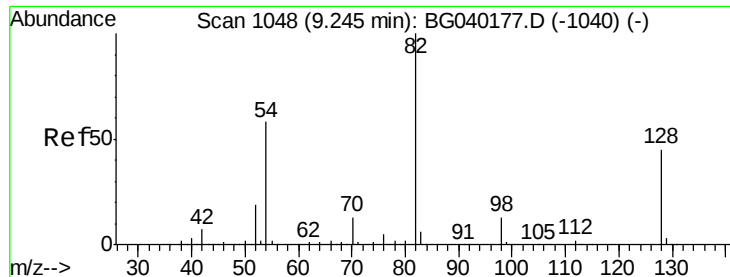
54 9.4 9.6 14.4#

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

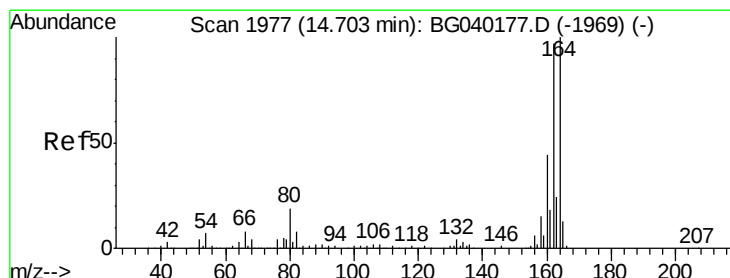
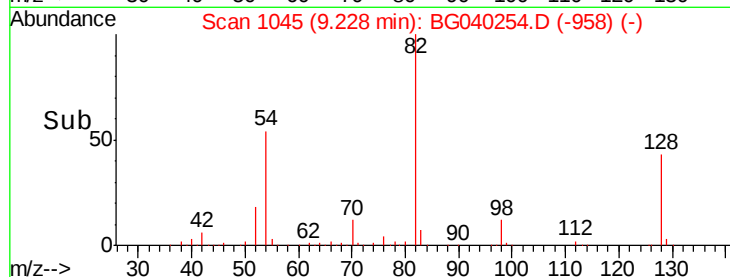
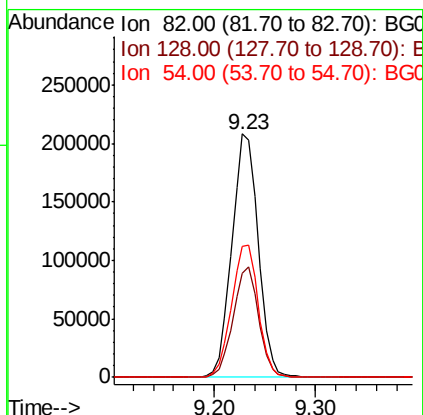
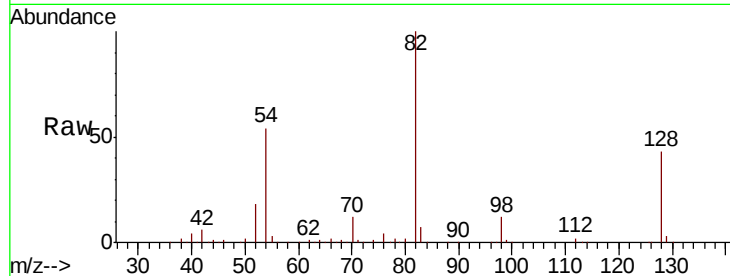




#23  
Nitrobenzene-d5  
Concen: 82.813 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.02 min  
Lab File: BG040254.D  
Acq: 30 Mar 2019 9:55

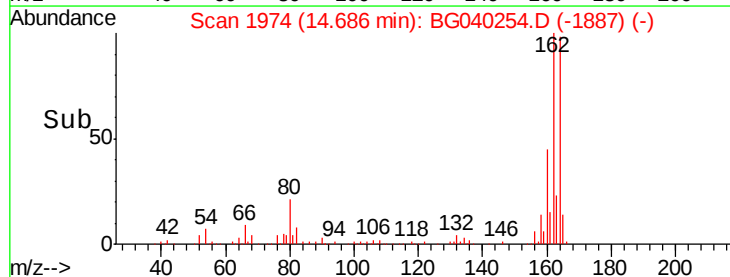
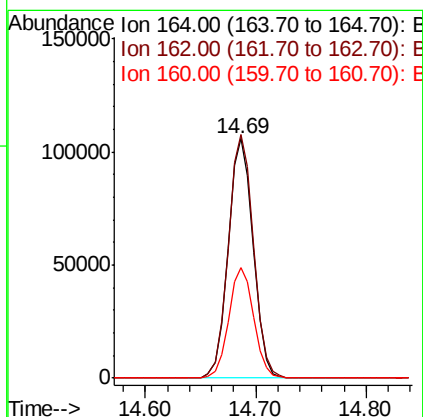
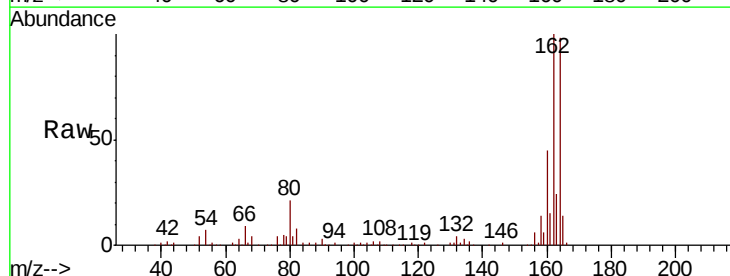
Instrument :  
BNA\_G  
ClientSampled :  
DR-WC-001

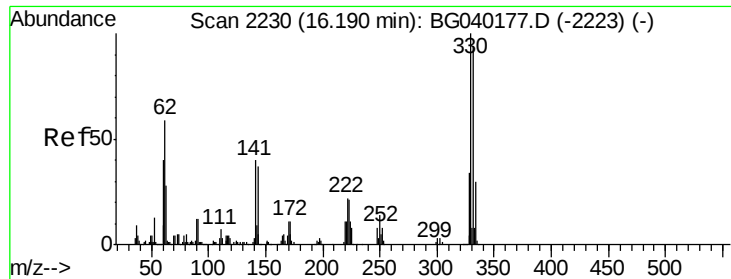
Tgt Ion: 82 Resp: 376431  
Ion Ratio Lower Upper  
82 100  
128 43.0 35.8 53.8  
54 53.9 46.2 69.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG040254.D  
Acq: 30 Mar 2019 9:55

Tgt Ion: 164 Resp: 166776  
Ion Ratio Lower Upper  
164 100  
162 101.6 77.4 116.2  
160 45.9 35.3 52.9

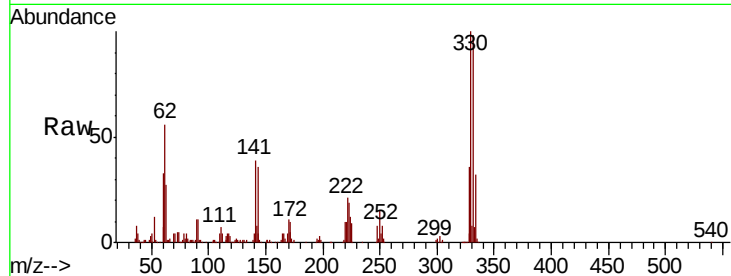




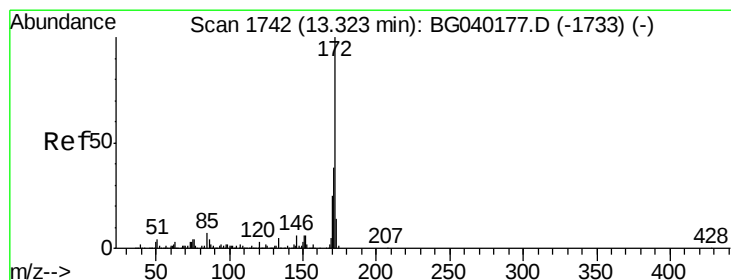
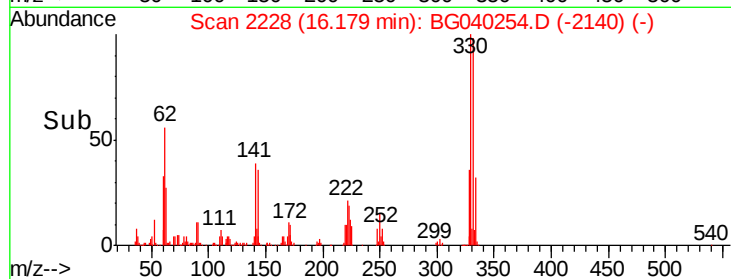
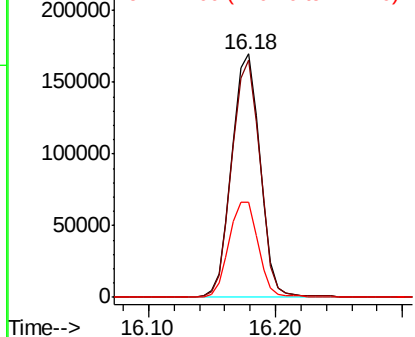
#42  
 2,4,6-Tribromophenol  
 Concen: 145.918 ng  
 RT: 16.18 min Scan# 2228  
 Delta R.T. -0.01 min  
 Lab File: BG040254.D  
 Acq: 30 Mar 2019 9:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DR-WC-001

Tgt Ion:330 Resp: 263004  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.6 115.0  
 141 40.2 32.6 48.8

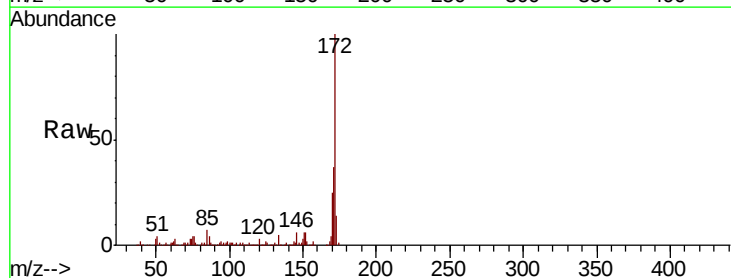


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

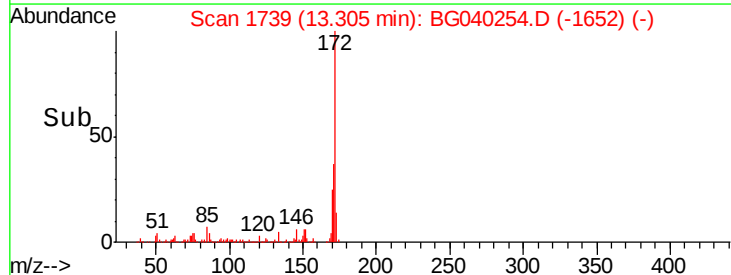
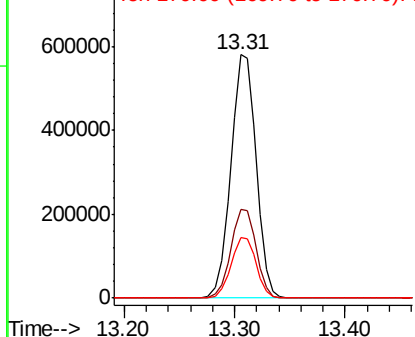


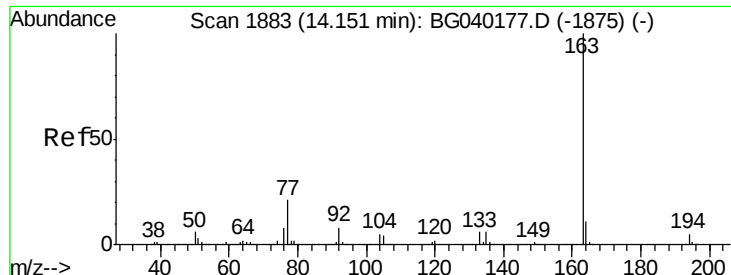
#45  
 2-Fluorobiphenyl  
 Concen: 82.792 ng  
 RT: 13.31 min Scan# 1739  
 Delta R.T. -0.02 min  
 Lab File: BG040254.D  
 Acq: 30 Mar 2019 9:55

Tgt Ion:172 Resp: 931839  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 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: 6.104 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

Instrument :

BNA\_G

ClientSampleId :

DR-WC-001

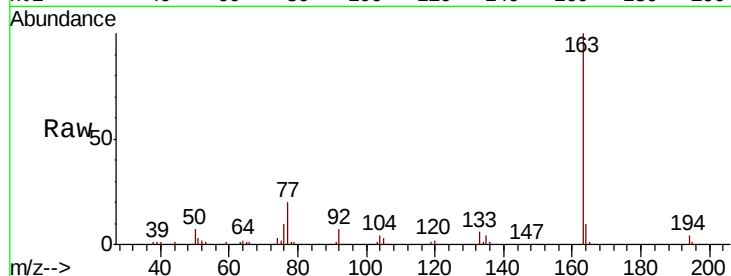
Tgt Ion:163 Resp: 79678

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

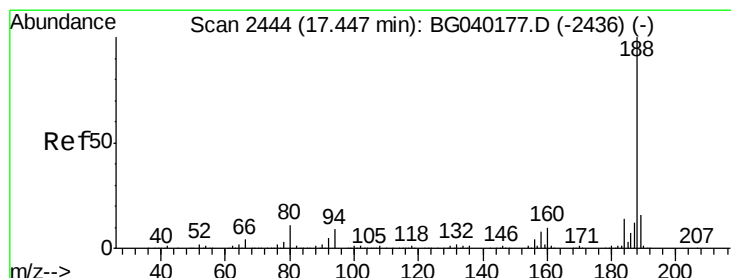
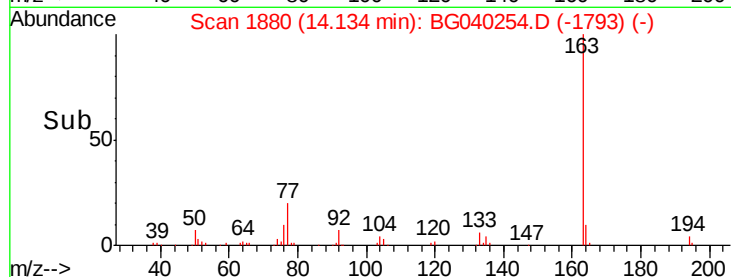
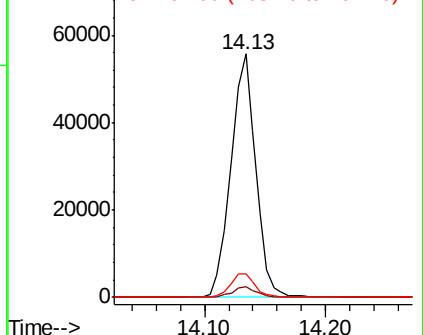
164 9.7 8.6 13.0



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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040254.D

Acq: 30 Mar 2019 9:55

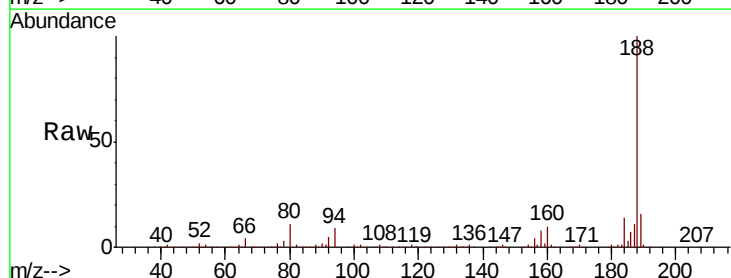
Tgt Ion:188 Resp: 427277

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

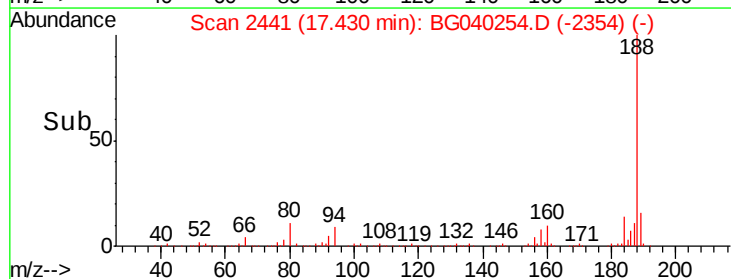
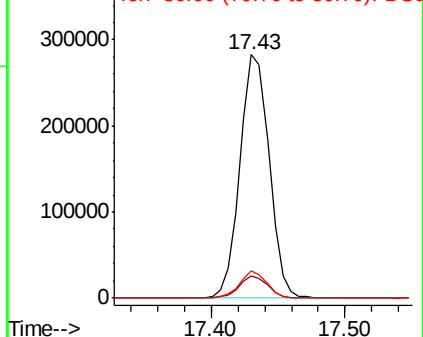
80 11.0 8.6 13.0

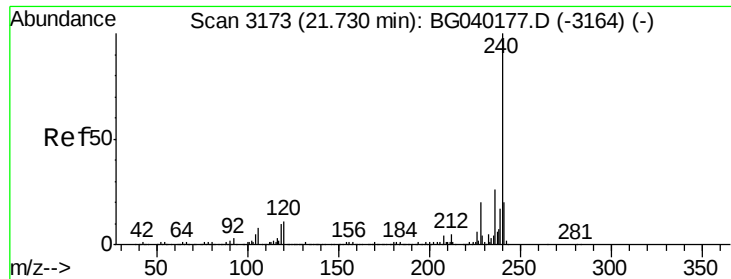


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

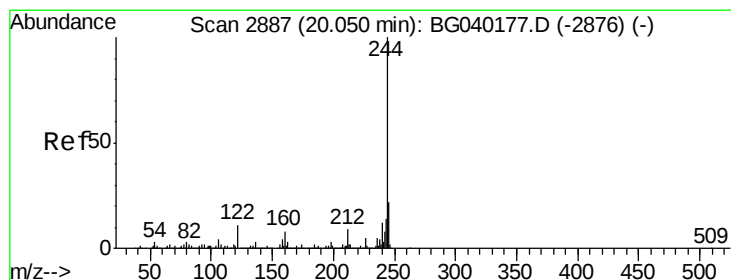
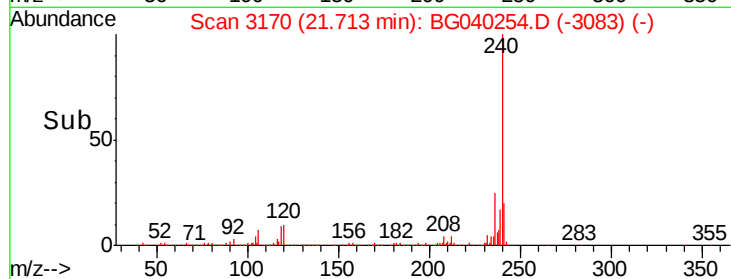
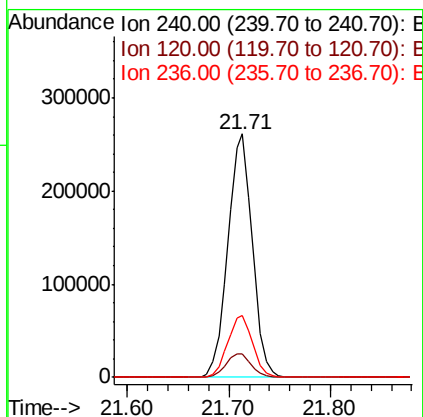
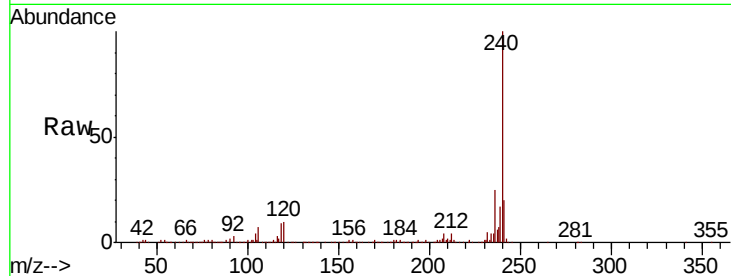




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.71 min Scan# 3170  
Delta R.T. -0.02 min  
Lab File: BG040254.D  
Acq: 30 Mar 2019 9:55

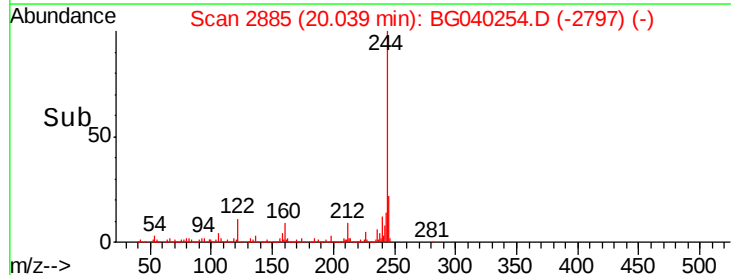
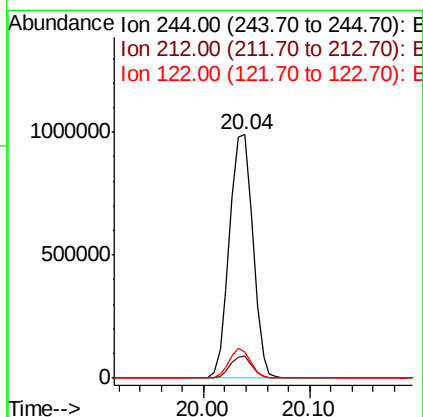
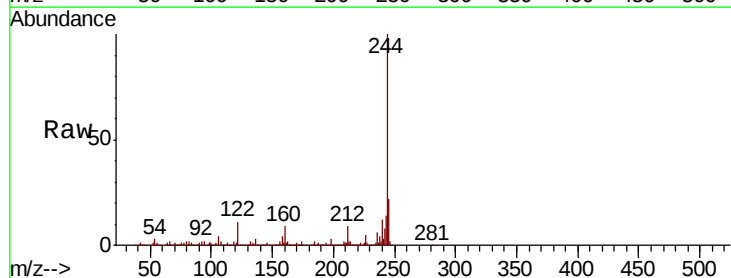
Instrument :  
BNA\_G  
ClientSampleId :  
DR-WC-001

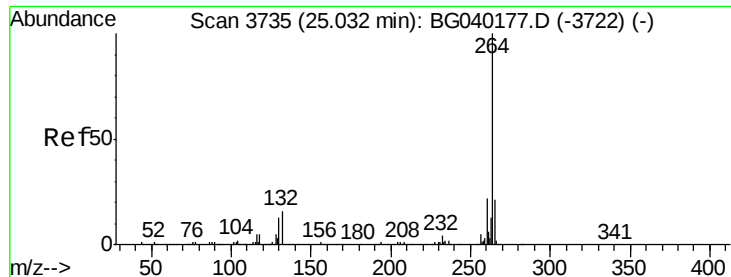
Tgt Ion:240 Resp: 435421  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.4 12.6  
236 25.4 20.8 31.2



#79  
Terphenyl-d14  
Concen: 78.161 ng  
RT: 20.04 min Scan# 2885  
Delta R.T. -0.01 min  
Lab File: BG040254.D  
Acq: 30 Mar 2019 9:55

Tgt Ion:244 Resp: 1512813  
Ion Ratio Lower Upper  
244 100  
212 9.3 7.0 10.6  
122 10.5 8.5 12.7





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3732  
Delta R.T. -0.02 min  
Lab File: BG040254.D  
Acq: 30 Mar 2019 9:55

Instrument :  
BNA\_G  
ClientSampleId :  
DR-WC-001

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 17.9  | 26.9  |
| 265     | 20.4  | 16.8  | 25.2  |

