

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\  
 Data File : BG043314.D  
 Acq On : 23 Oct 2019 18:41  
 Operator : JU  
 Sample : K5489-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MAIN-STOCKPILE-SLP

Quant Time: Oct 24 07:00:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

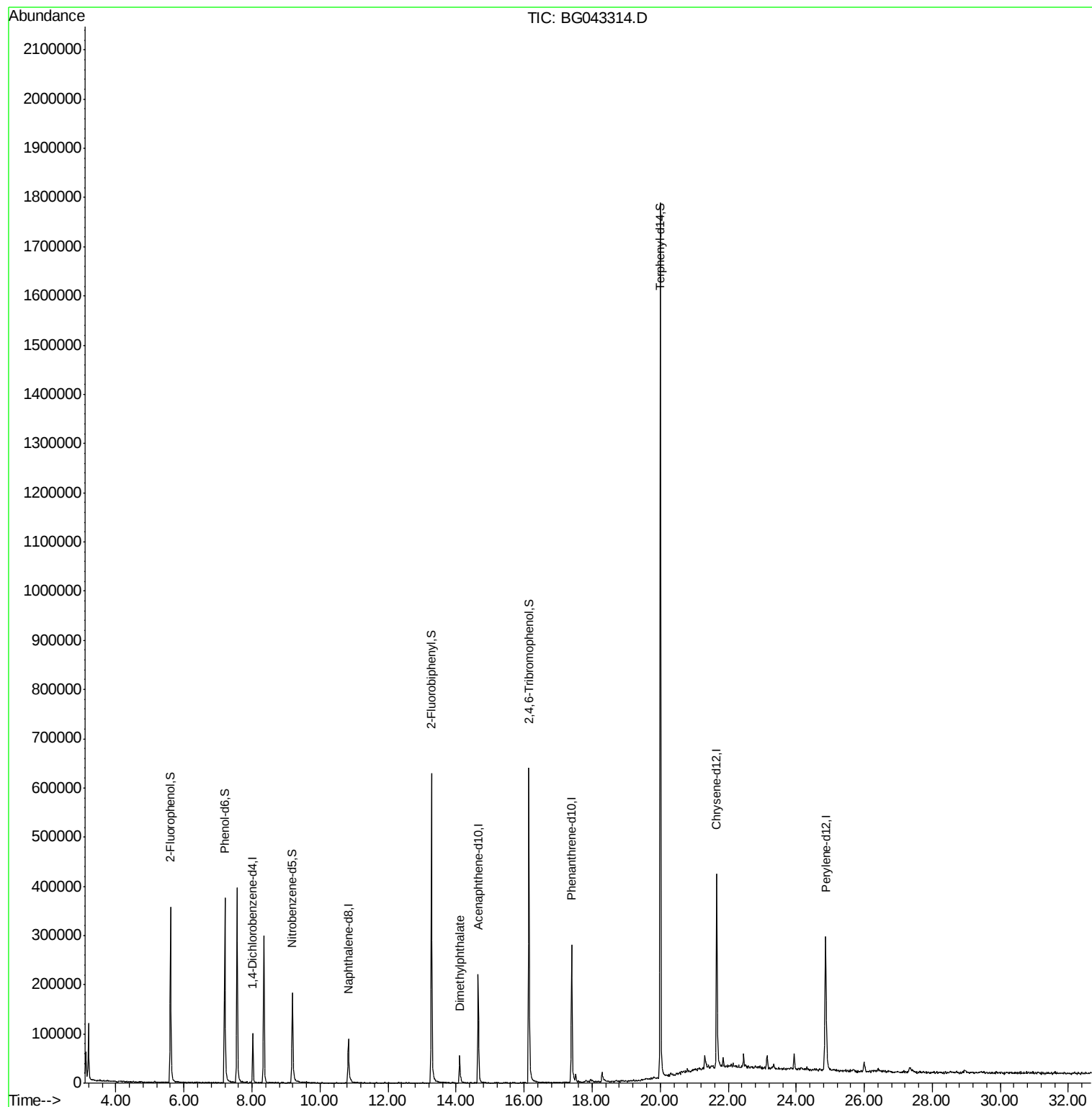
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 30948    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.83 | 136  | 112070   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.65 | 164  | 89018    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.40 | 188  | 229939   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.66 | 240  | 280925   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.86 | 264  | 327467   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.60  | 112  | 174597   | 103.38 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 251101   | 103.34 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 145727   | 67.04  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 169059   | 99.80  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 404164   | 62.74  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.00 | 244  | 997848   | 66.64  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.10 | 163  | 55664    | 8.073  | ng    | Qvalue 96 |

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

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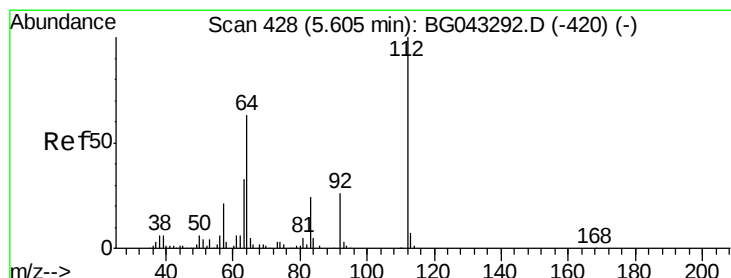
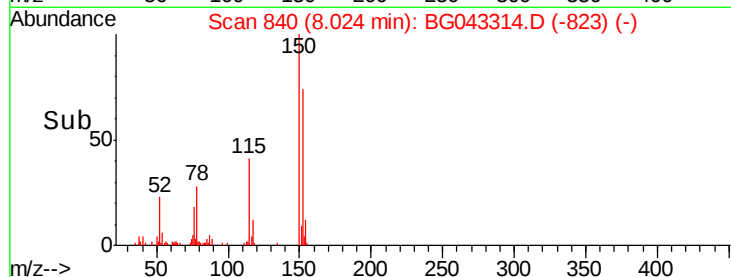
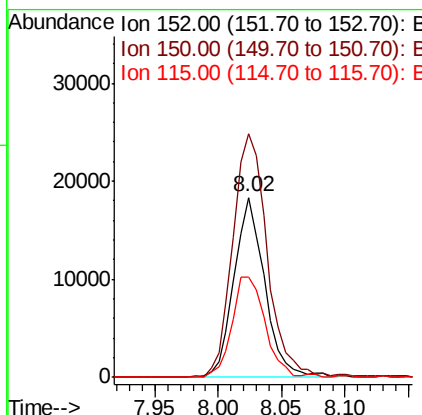
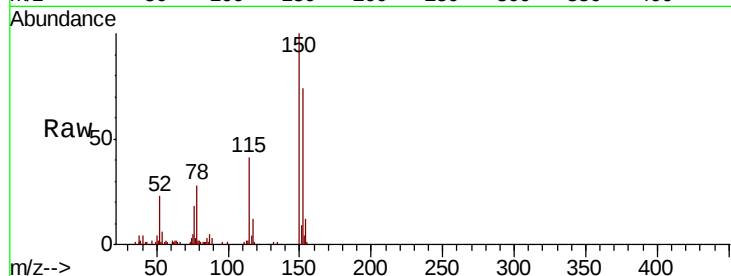


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 840  
Delta R.T. -0.00 min  
Lab File: BG043314.D  
Acq: 23 Oct 2019 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
MAIN-STOCKPILE-SLP

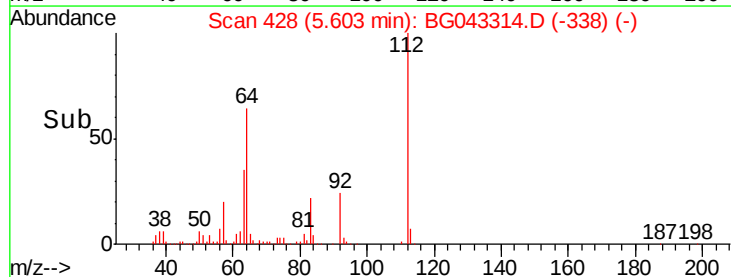
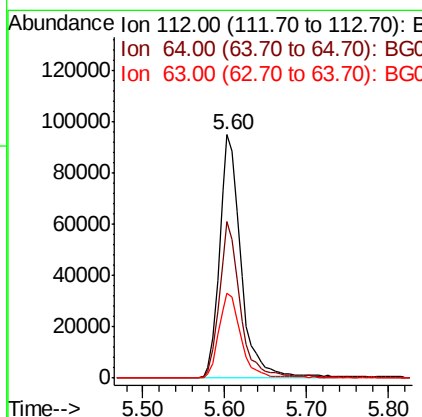
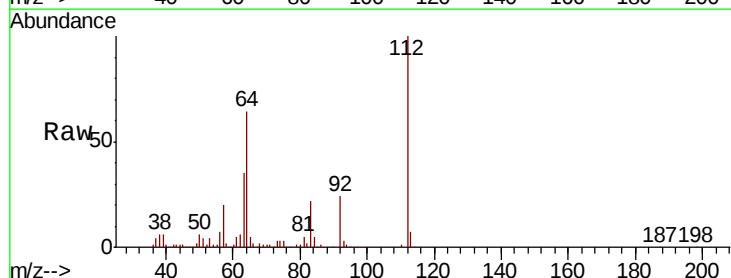
Tot Ion:152 Resp: 30948  
Ion Ratio Lower Upper  
152 100  
150 135.5 113.6 170.4  
115 55.7 45.9 68.9

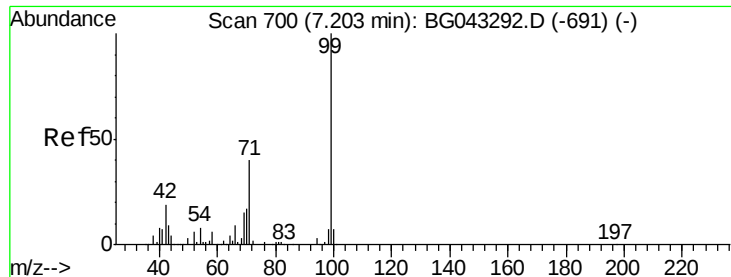


#5

2-Fluorophenol  
Concen: 103.380 ng  
RT: 5.60 min Scan# 428  
Delta R.T. -0.00 min  
Lab File: BG043314.D  
Acq: 23 Oct 2019 18:41

Tgt Ion:112 Resp: 174597  
Ion Ratio Lower Upper  
112 100  
64 64.2 50.2 75.2  
63 34.8 26.7 40.1





#7

Phenol-d6

Concen: 103.337 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

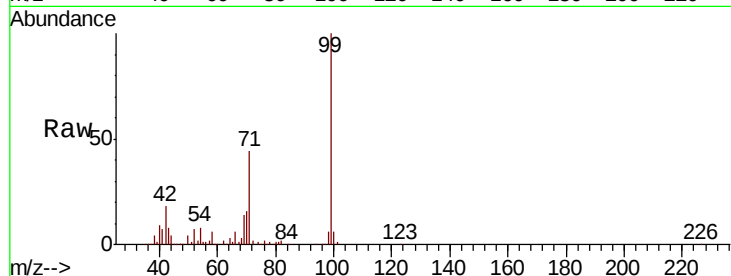
Tot Ion: 99 Resp: 251101

Ion Ratio Lower Upper

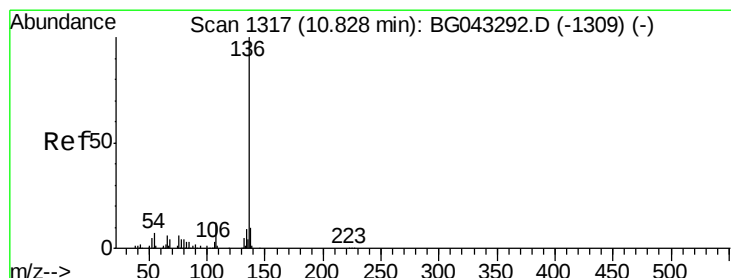
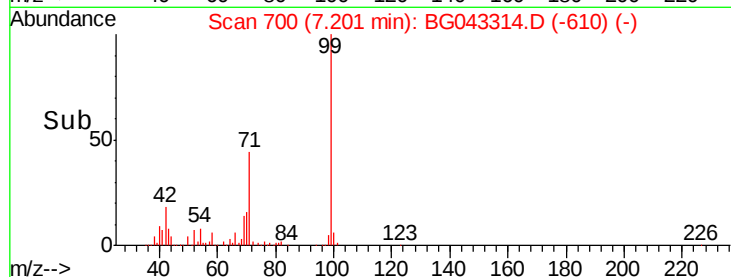
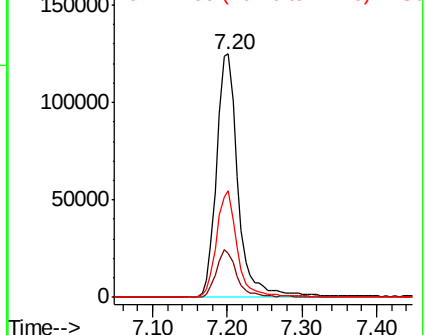
99 100

42 18.2 14.9 22.3

71 43.8 32.2 48.2



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Tgt Ion: 136 Resp: 112070

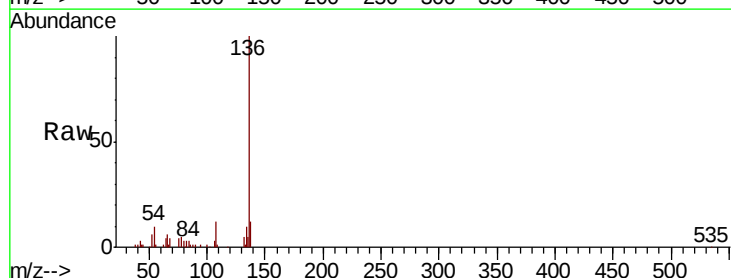
Ion Ratio Lower Upper

136 100

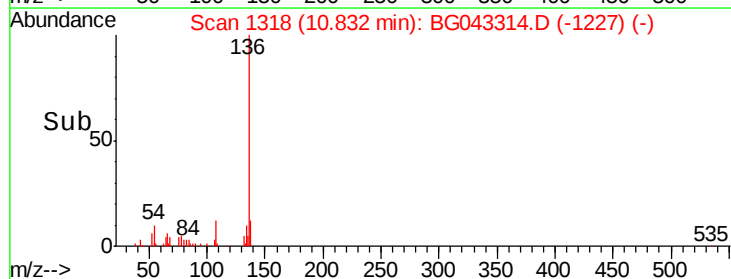
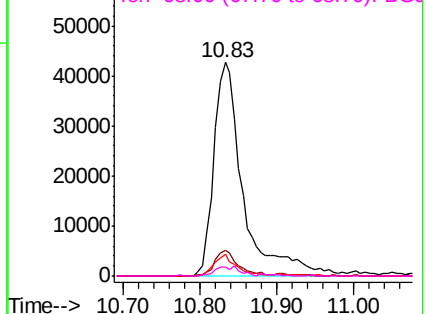
137 11.9 8.2 12.2

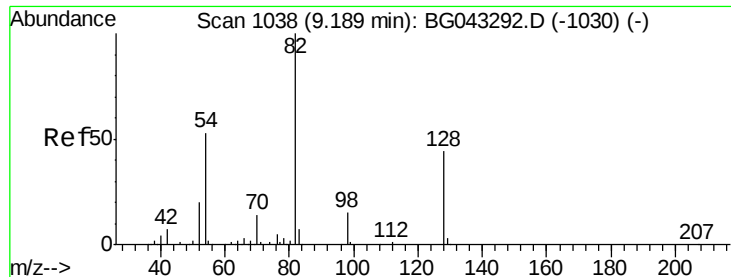
54 10.0 5.4 8.2#

68 4.1 3.3 4.9



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

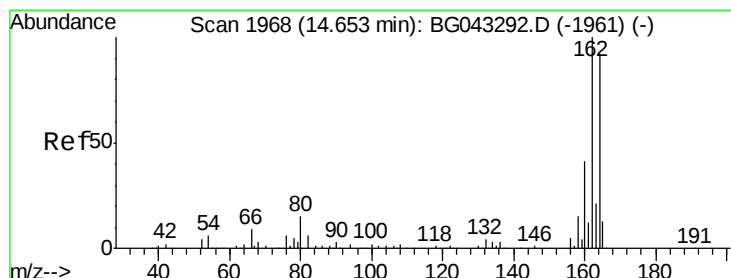
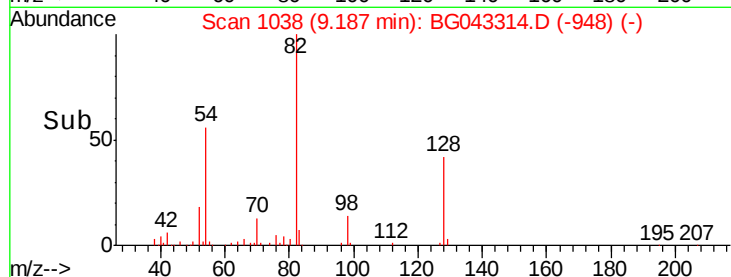
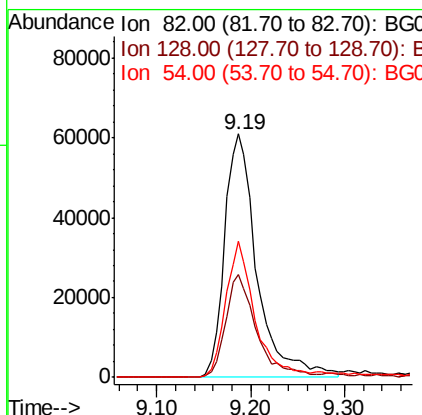
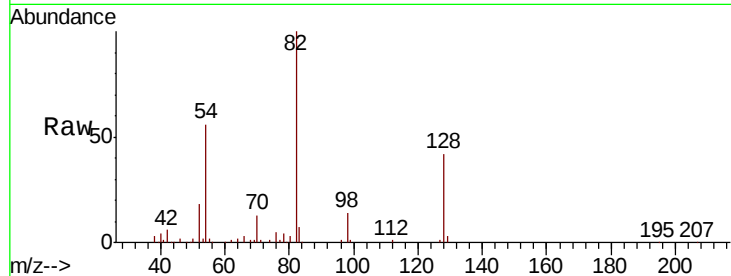




#23  
Nitrobenzene-d5  
Concen: 67.037 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BG043314.D  
Acq: 23 Oct 2019 18:41

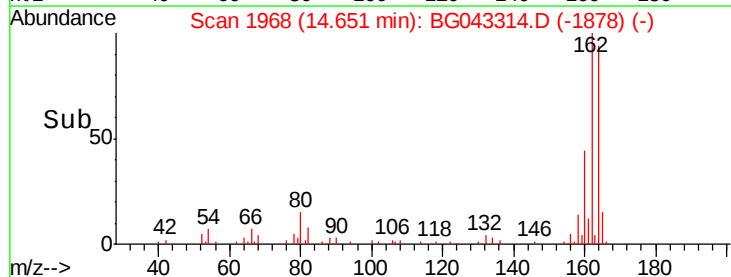
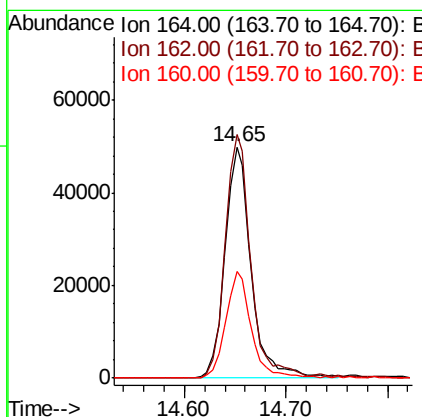
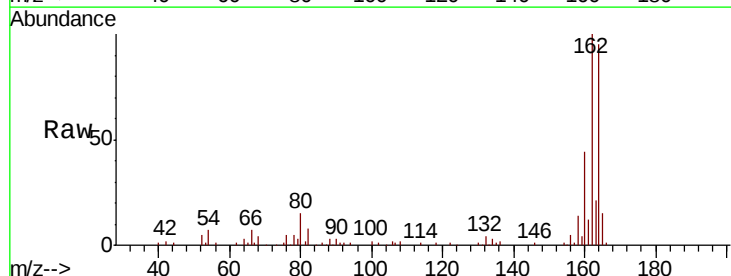
Instrument :  
BNA\_G  
ClientSampleId :  
MAIN-STOCKPILE-SLP

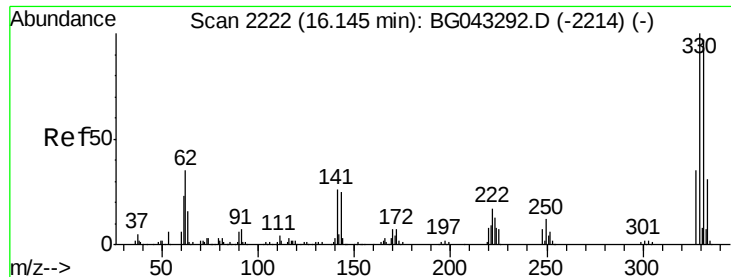
| Tot Ion   | 82    | Resp  | 145727 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.4  | 35.3  | 52.9   |
| 54        | 56.1  | 42.3  | 63.5   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BG043314.D  
Acq: 23 Oct 2019 18:41

| Tgt Ion   | 164   | Resp  | 89018 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 105.4 | 87.0  | 130.4 |
| 160       | 46.2  | 35.5  | 53.3  |

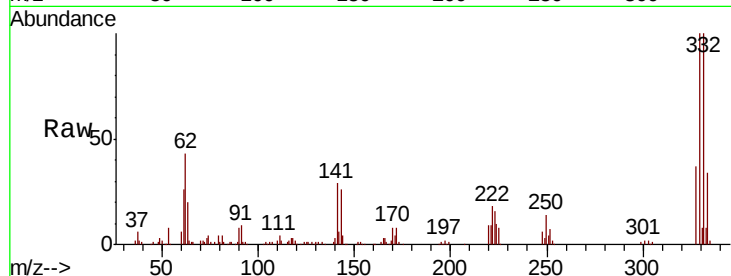




#42  
 2,4,6-Tribromophenol  
 Concen: 99.798 ng  
 RT: 16.14 min Scan# 2221  
 Delta R.T. -0.01 min  
 Lab File: BG043314.D  
 Acq: 23 Oct 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MAIN-STOCKPILE-SLP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.4  | 76.4  | 114.6 |
| 141     | 28.2  | 21.4  | 32.0  |

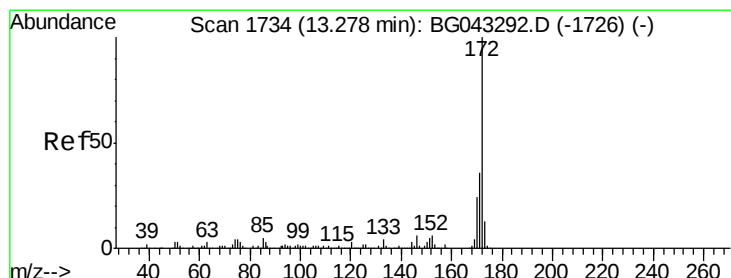
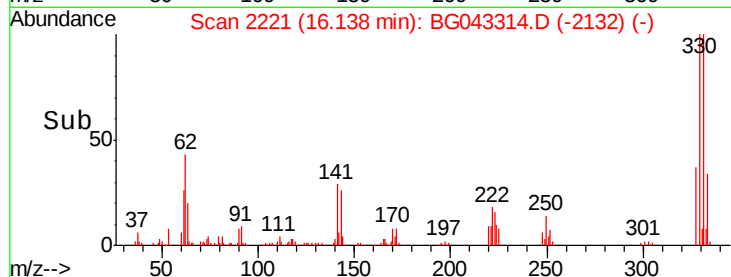
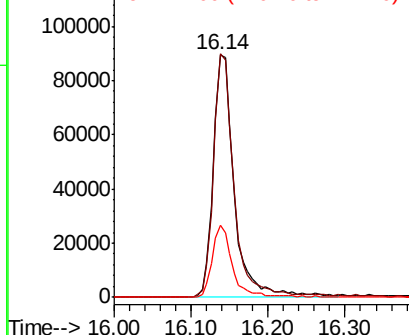


Abundance

Ion 329.80 (329.50 to 330.50): E

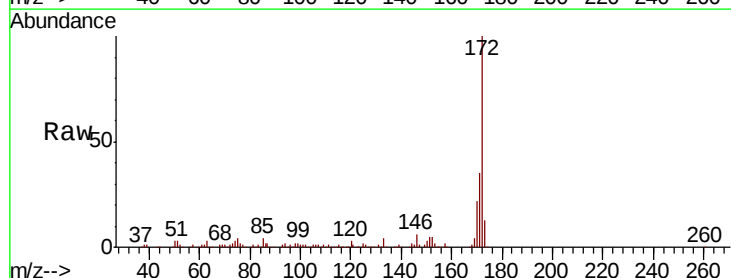
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 62.737 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG043314.D  
 Acq: 23 Oct 2019 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 28.5  | 42.7  |
| 170     | 22.4  | 18.8  | 28.2  |

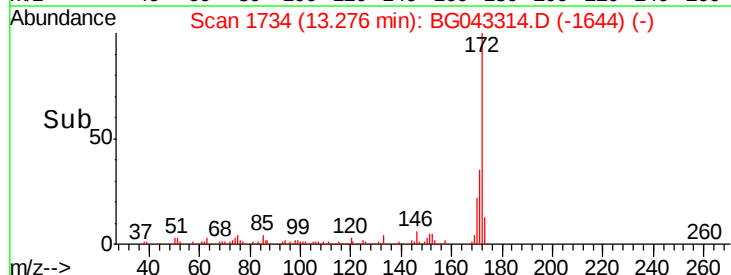
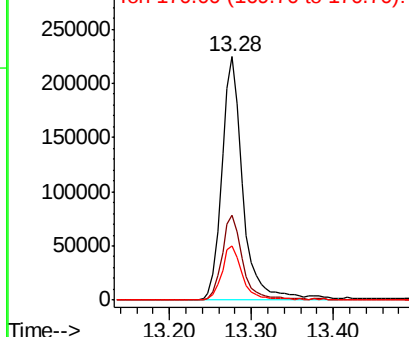


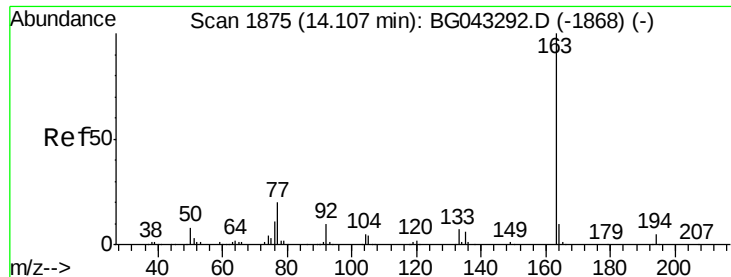
Abundance

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: 8.073 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

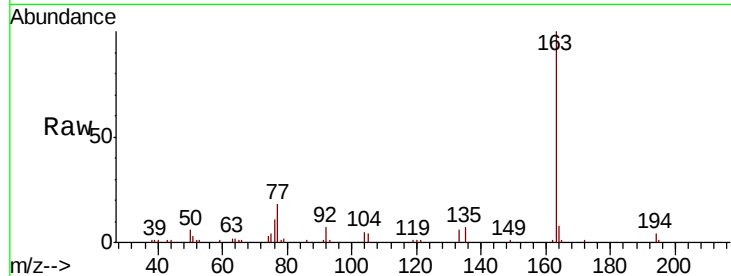
Tot Ion:163 Resp: 55664

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

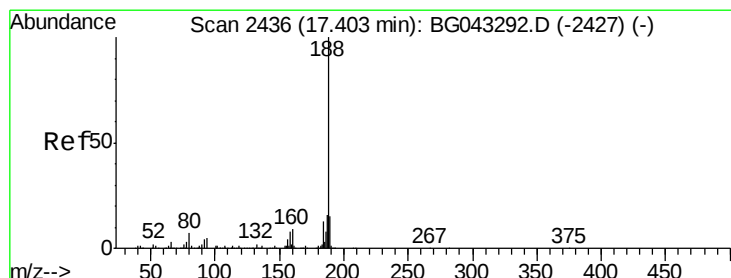
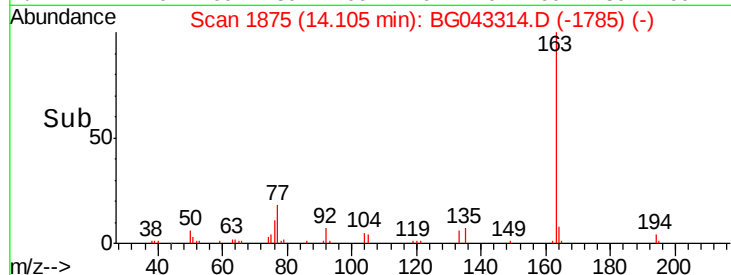
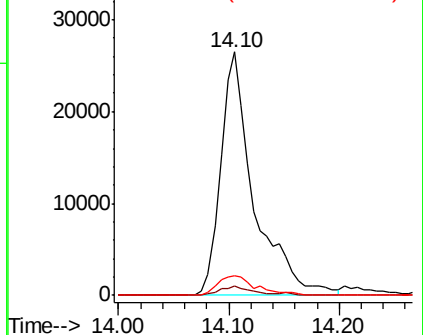
164 8.3 8.1 12.1



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

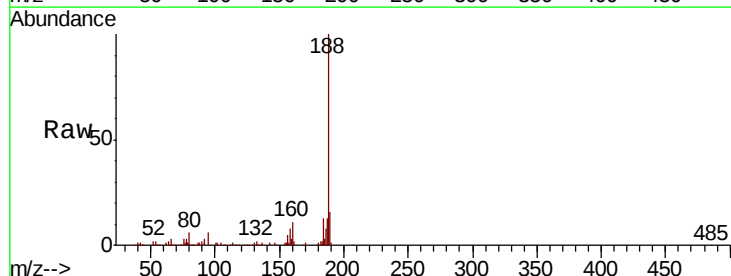
Tgt Ion:188 Resp: 229939

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

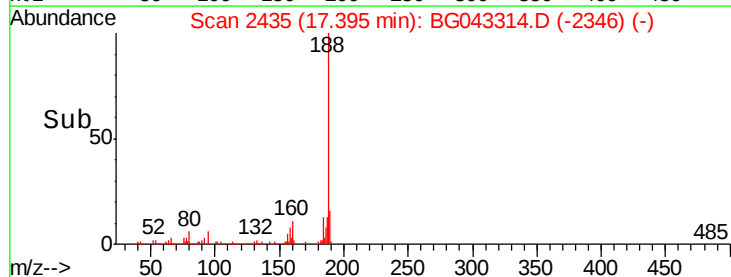
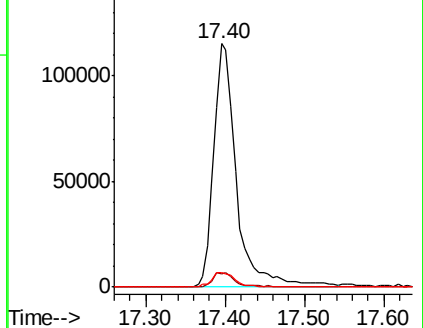
80 5.9 5.2 7.8

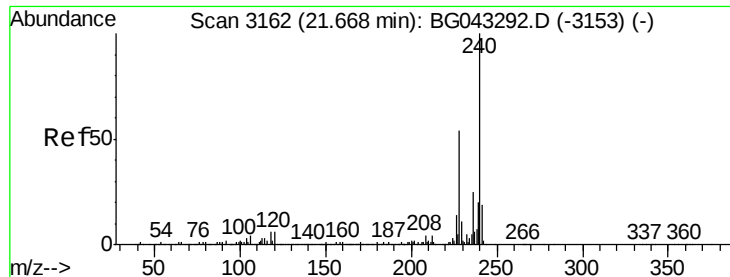


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

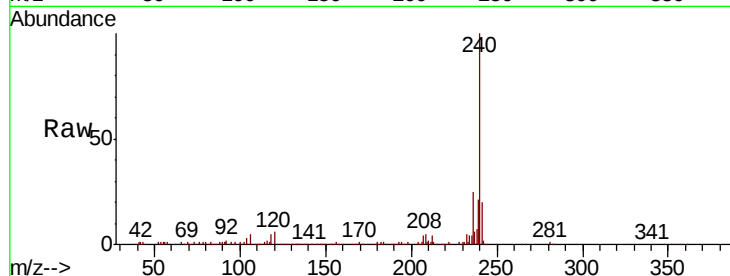
Tot Ion:240 Resp: 280925

Ion Ratio Lower Upper

240 100

120 5.7 4.6 7.0

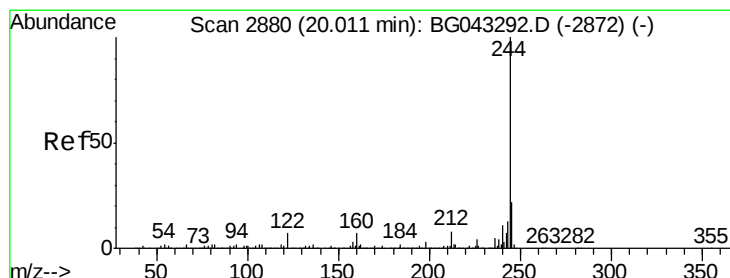
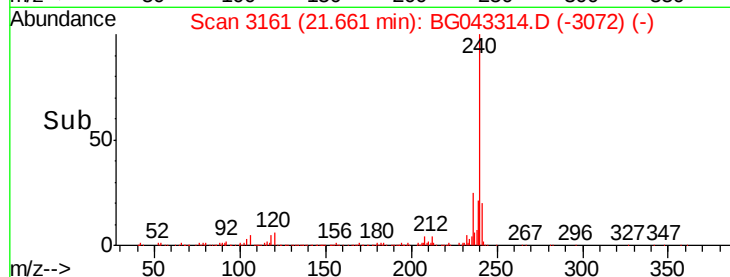
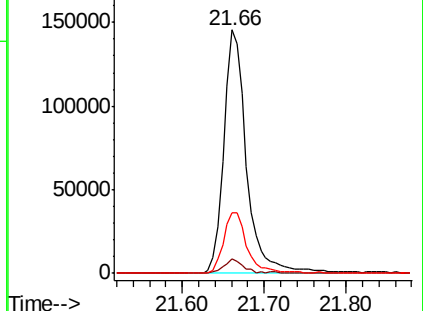
236 24.7 20.2 30.4



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



#79

Terphenyl-d14

Concen: 66.638 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043314.D

Acq: 23 Oct 2019 18:41

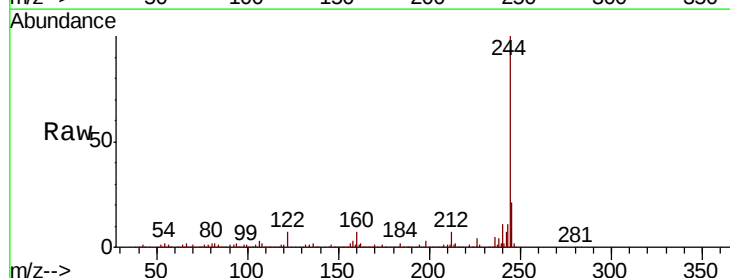
Tgt Ion:244 Resp: 997848

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

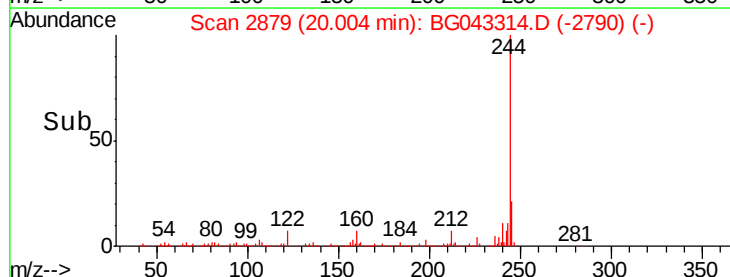
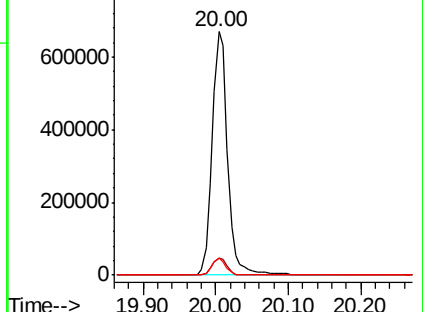
122 6.9 5.3 7.9

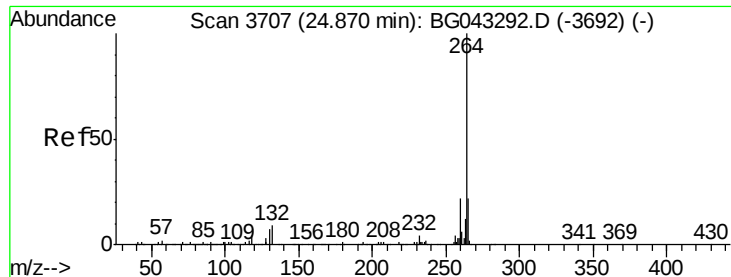


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.86 min Scan# 3705  
 Delta R.T. -0.01 min  
 Lab File: BG043314.D  
 Acq: 23 Oct 2019 18:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MAIN-STOCKPILE-SLP

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 327467  | 264 | 100   |       |       |
|         | 260 | 23.5  | 17.9  | 26.9  |
|         | 265 | 21.5  | 17.4  | 26.2  |

