

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\  
 Data File : BG043319.D  
 Acq On : 23 Oct 2019 21:53  
 Operator : JU  
 Sample : K5489-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 24 07:07:42 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

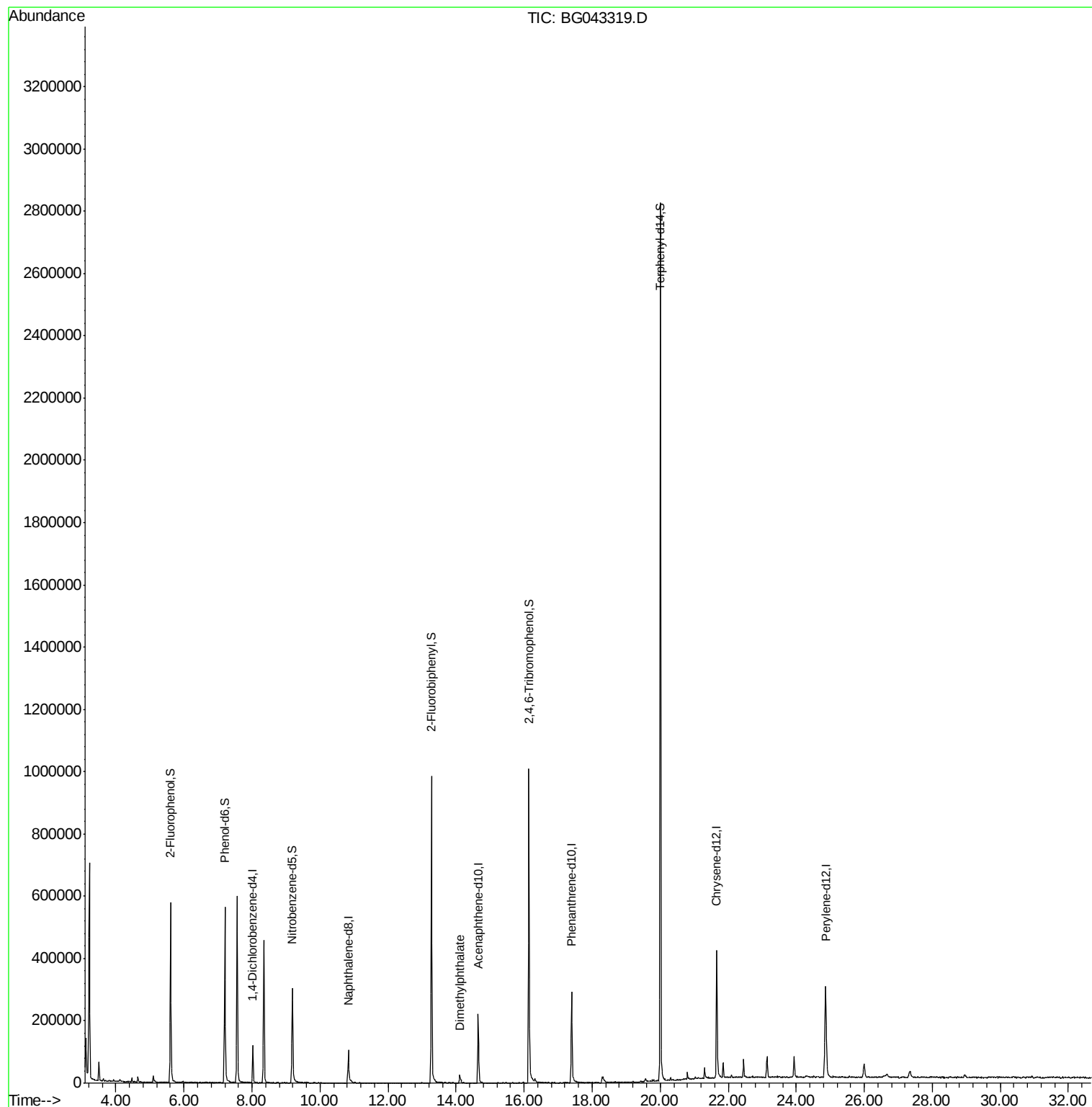
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.02  | 152  | 36190    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.83 | 136  | 116954   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.65 | 164  | 90848    | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.40 | 188  | 235273   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.66 | 240  | 307669   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 24.86 | 264  | 338425   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.61  | 112  | 258976   | 131.13 | ng    | 0.00      |
| 7) Phenol-d6                | 7.20  | 99   | 354416   | 124.73 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.19  | 82   | 221574   | 97.67  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.14 | 330  | 253648   | 146.72 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 595484   | 90.57  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.00 | 244  | 1568279  | 95.63  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 14.11 | 163  | 22365    | 3.178  | ng    | Qvalue 99 |

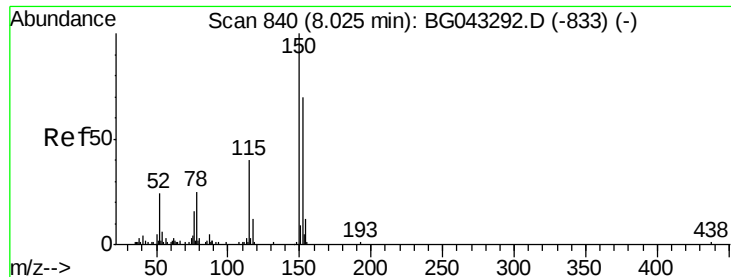
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 21 16:37:43 2019  
Response via : Initial Calibration



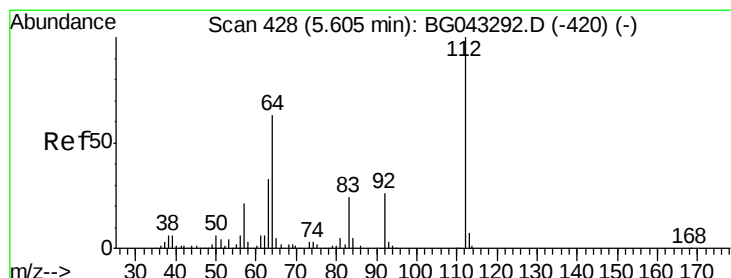
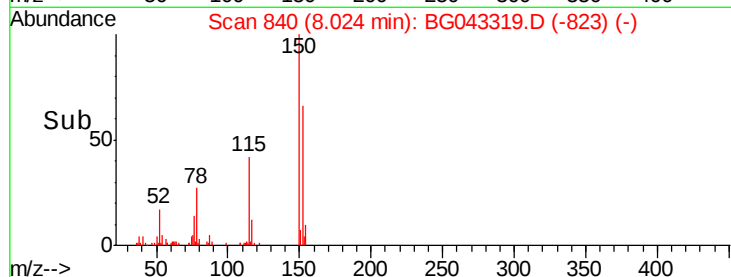
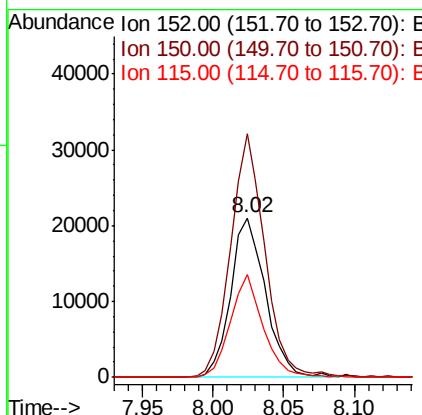
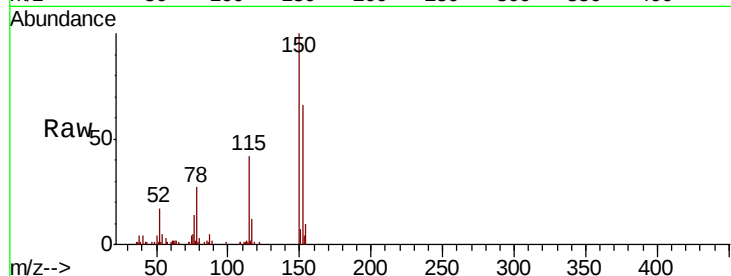


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 840  
Delta R.T. -0.00 min  
Lab File: BG043319.D  
Acq: 23 Oct 2019 21:53

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

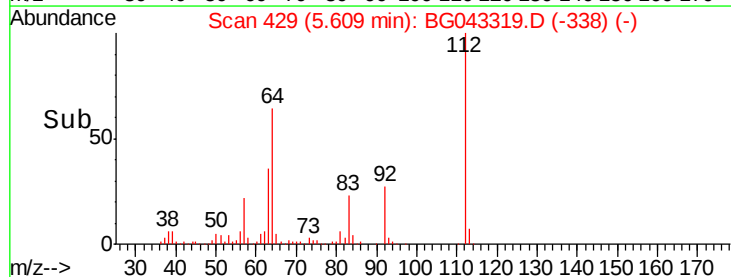
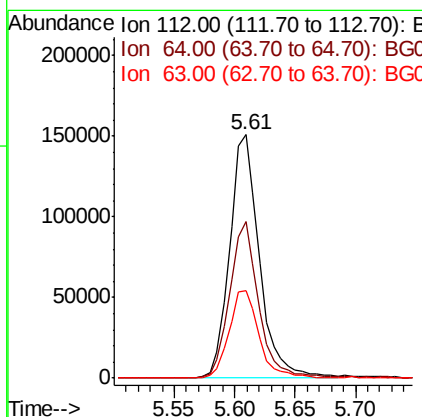
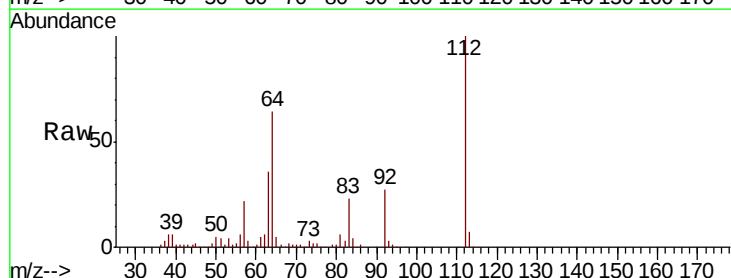
Tot Ion:152 Resp: 36190  
Ion Ratio Lower Upper  
152 100  
150 152.5 113.6 170.4  
115 64.8 45.9 68.9

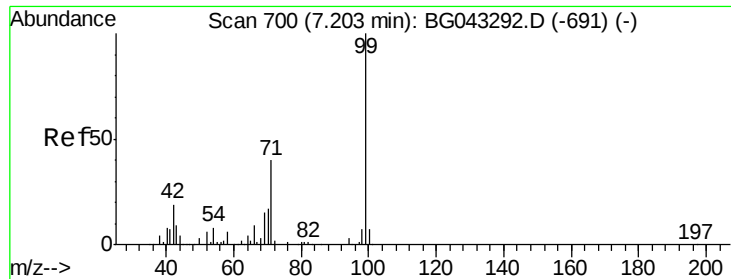


#5

2-Fluorophenol  
Concen: 131.130 ng  
RT: 5.61 min Scan# 428  
Delta R.T. 0.00 min  
Lab File: BG043319.D  
Acq: 23 Oct 2019 21:53

Tgt Ion:112 Resp: 258976  
Ion Ratio Lower Upper  
112 100  
64 64.4 50.2 75.2  
63 35.9 26.7 40.1





#7

Phenol-d6

Concen: 124.729 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043319.D

Acq: 23 Oct 2019 21:53

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

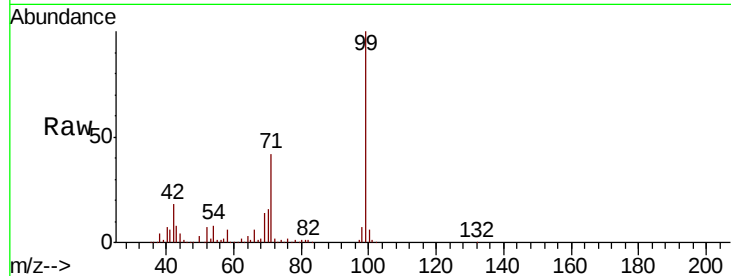
Tot Ion: 99 Resp: 354416

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 41.7 32.2 48.2

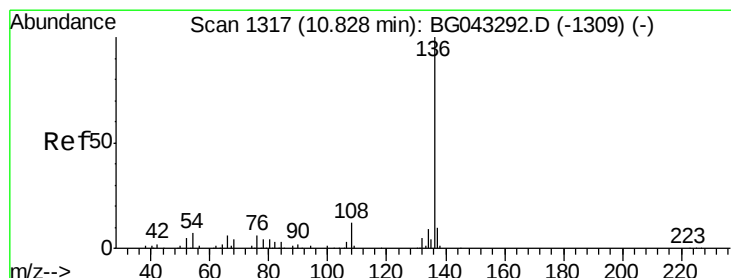
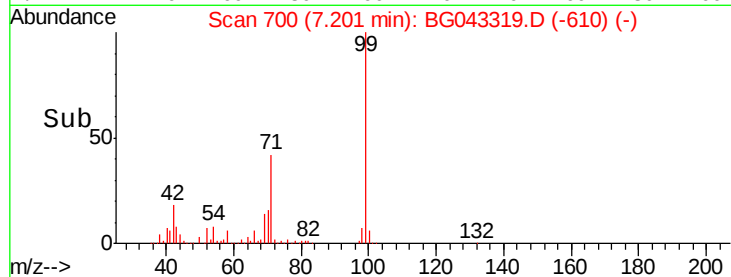
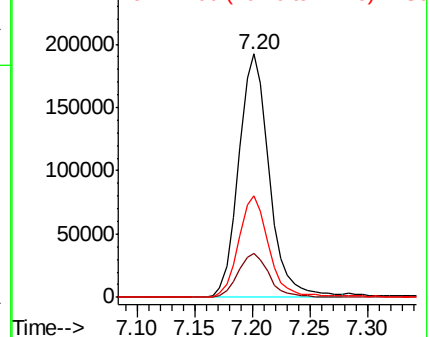


Abundance

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: BG043319.D

Acq: 23 Oct 2019 21:53

Tgt Ion: 136 Resp: 116954

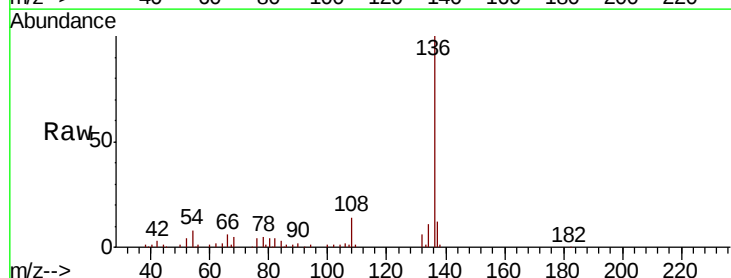
Ion Ratio Lower Upper

136 100

137 12.2 8.2 12.2

54 8.3 5.4 8.2#

68 4.7 3.3 4.9



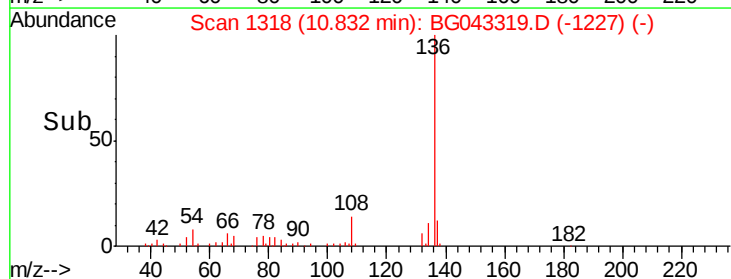
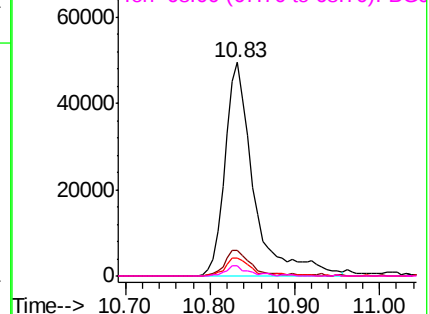
Abundance

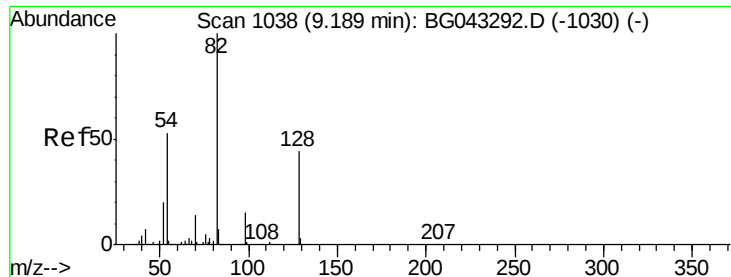
Ion 136.00 (135.70 to 136.70): BGC

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

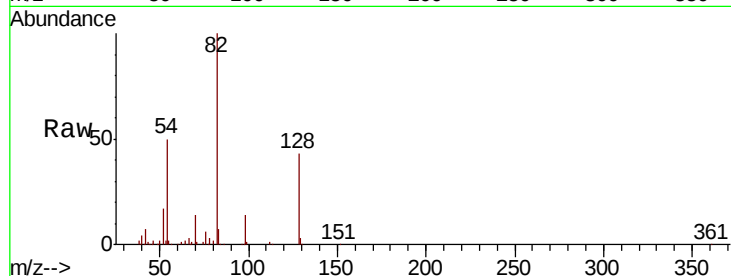




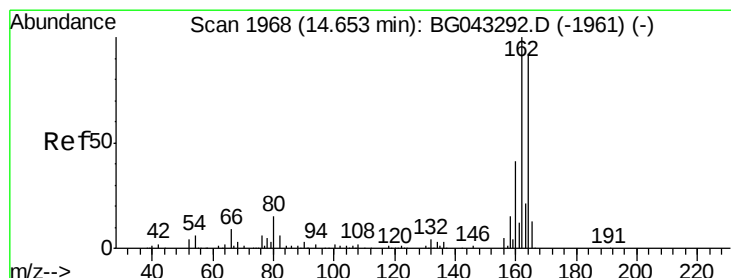
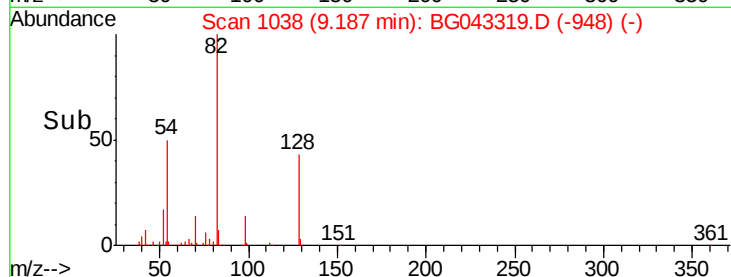
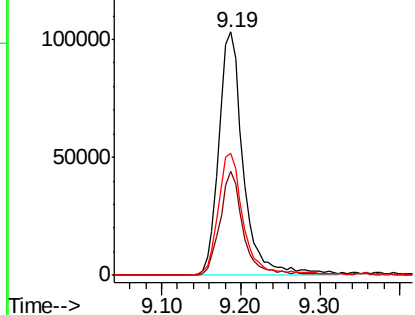
#23  
 Nitrobenzene-d5  
 Concen: 97.672 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BG043319.D  
 Acq: 23 Oct 2019 21:53

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

Tot Ion: 82 Resp: 221574  
 Ion Ratio Lower Upper  
 82 100  
 128 42.8 35.3 52.9  
 54 49.9 42.3 63.5

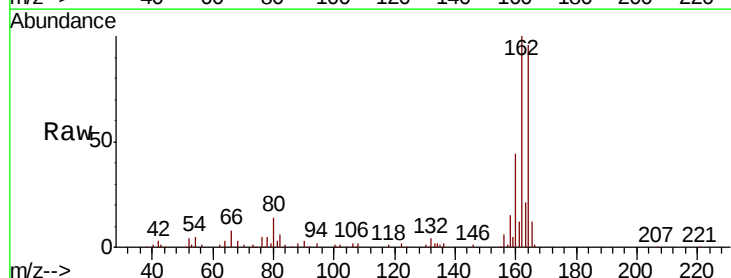


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

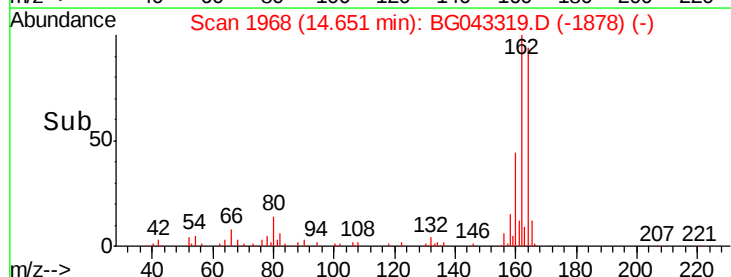
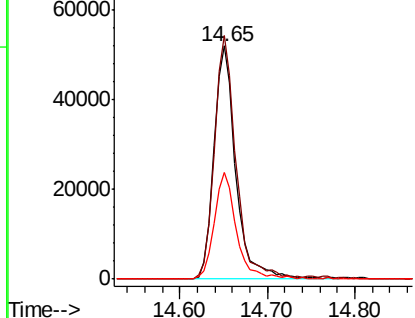


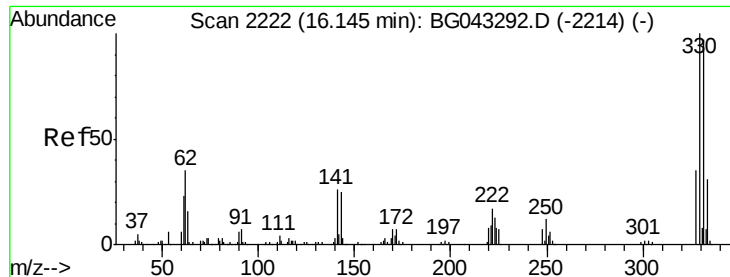
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.65 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: BG043319.D  
 Acq: 23 Oct 2019 21:53

Tgt Ion: 164 Resp: 90848  
 Ion Ratio Lower Upper  
 164 100  
 162 104.5 87.0 130.4  
 160 45.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BGC  
 Ion 162.00 (161.70 to 162.70): BGC  
 Ion 160.00 (159.70 to 160.70): BGC

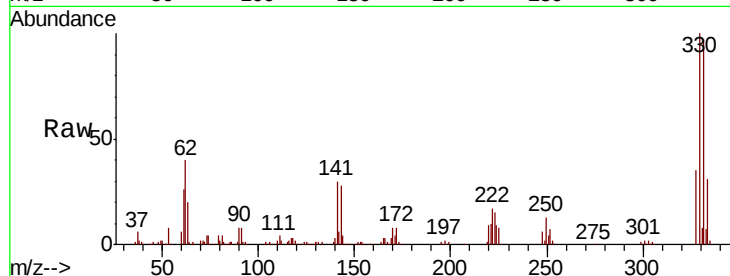




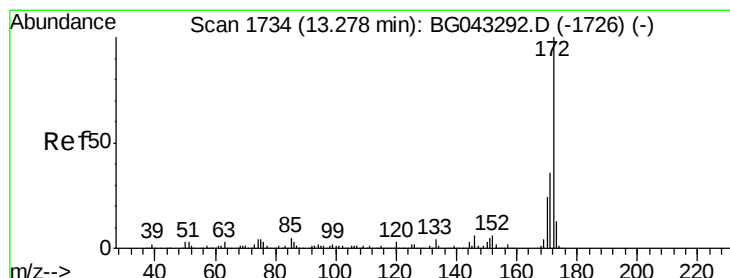
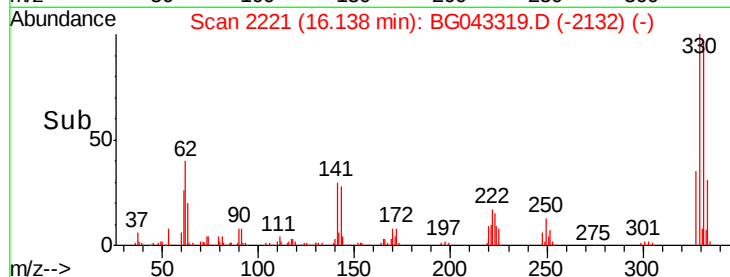
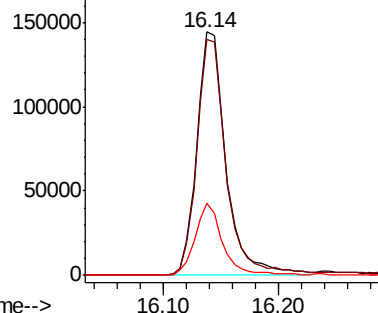
#42  
 2,4,6-Tribromophenol  
 Concen: 146.716 ng  
 RT: 16.14 min Scan# 2221  
 Delta R.T. -0.01 min  
 Lab File: BG043319.D  
 Acq: 23 Oct 2019 21:53

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

Tot Ion:330 Resp: 253648  
 Ion Ratio Lower Upper  
 330 100  
 332 98.9 76.4 114.6  
 141 28.1 21.4 32.0

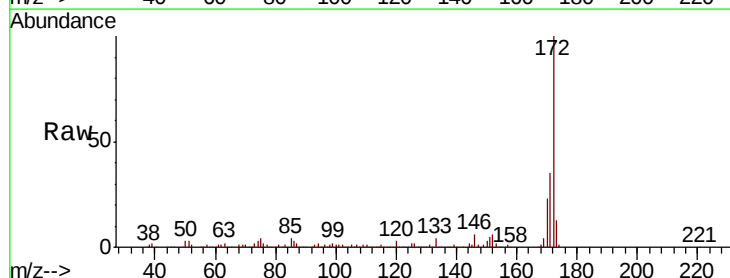


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

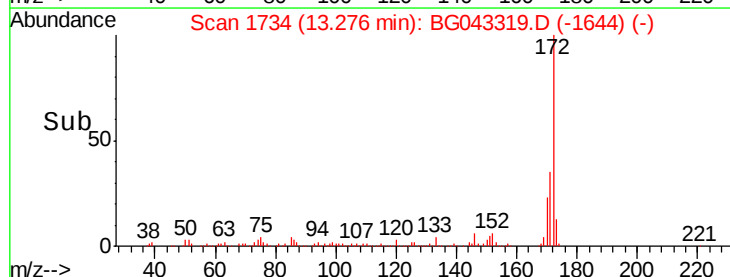
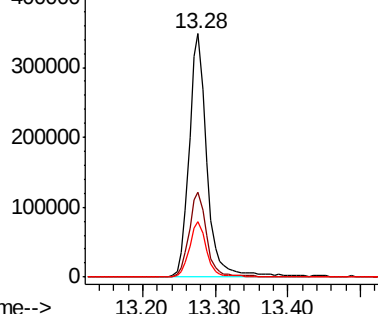


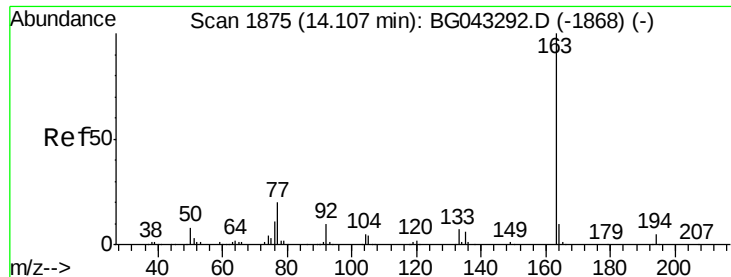
#45  
 2-Fluorobiphenyl  
 Concen: 90.573 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG043319.D  
 Acq: 23 Oct 2019 21:53

Tgt Ion:172 Resp: 595484  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.5 42.7  
 170 22.6 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: 3.178 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043319.D

Acq: 23 Oct 2019 21:53

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

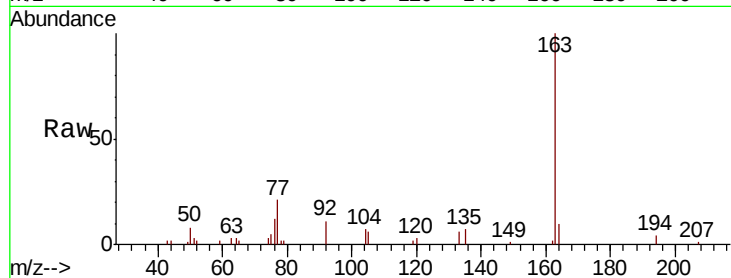
Tot Ion:163 Resp: 22365

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

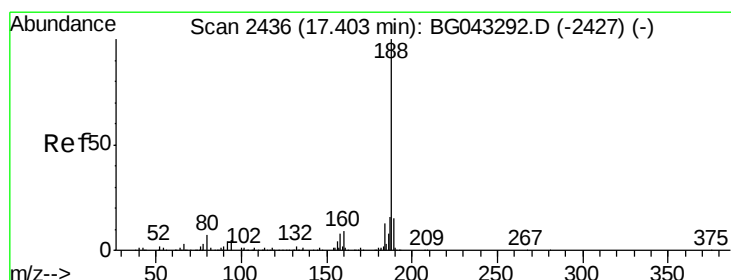
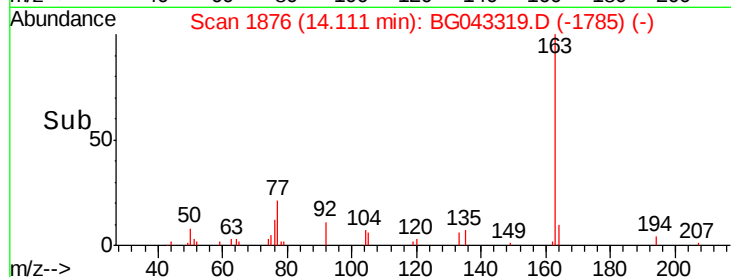
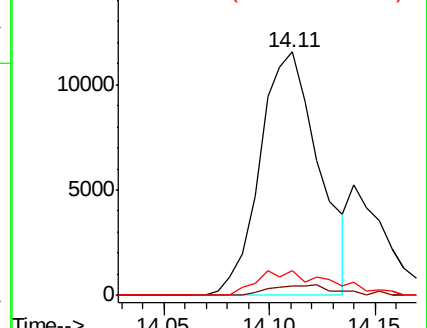
164 9.9 8.1 12.1



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: BG043319.D

Acq: 23 Oct 2019 21:53

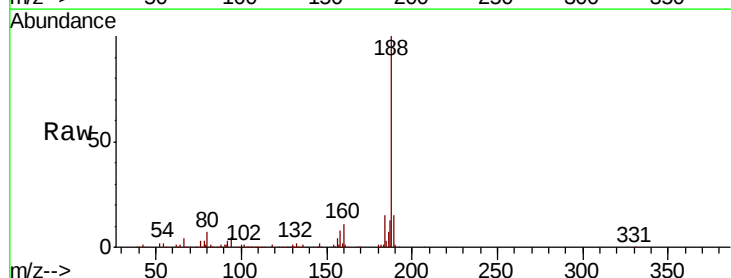
Tgt Ion:188 Resp: 235273

Ion Ratio Lower Upper

188 100

94 4.6 4.2 6.2

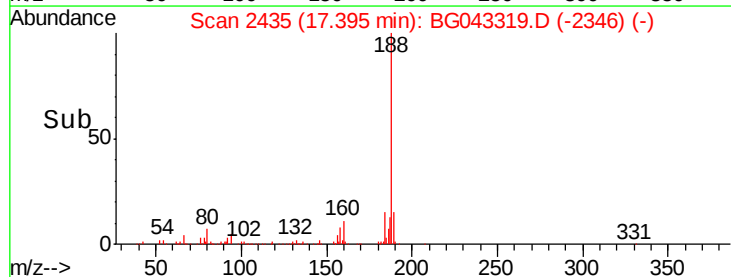
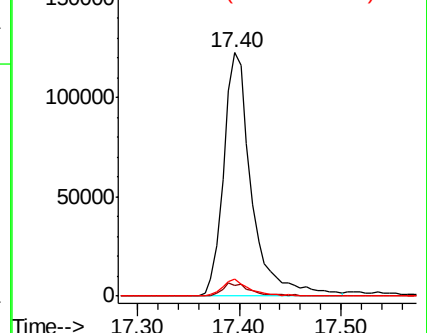
80 6.9 5.2 7.8

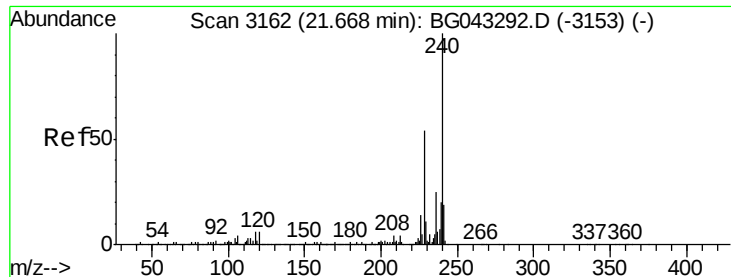


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043319.D

Acq: 23 Oct 2019 21:53

Instrument :

BNA\_G

ClientSampleId :

MAIN-STOCKPILE-SLP

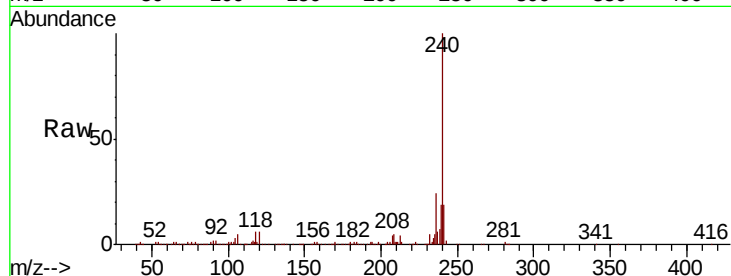
Tot Ion:240 Resp: 307669

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

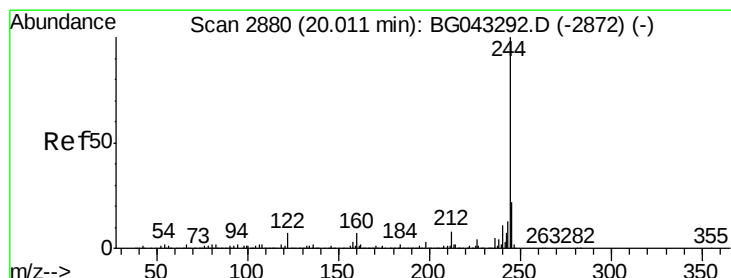
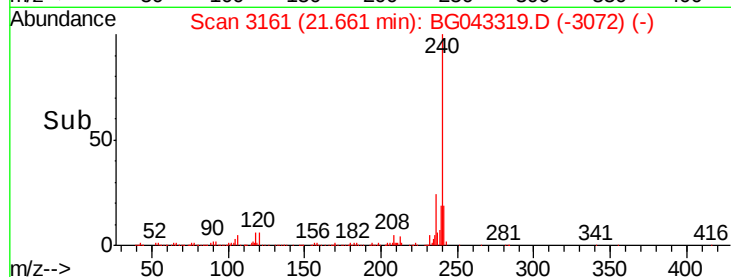
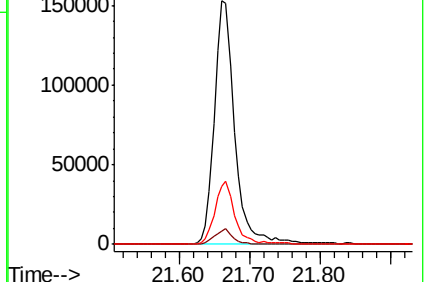
236 24.0 20.2 30.4



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: 95.628 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043319.D

Acq: 23 Oct 2019 21:53

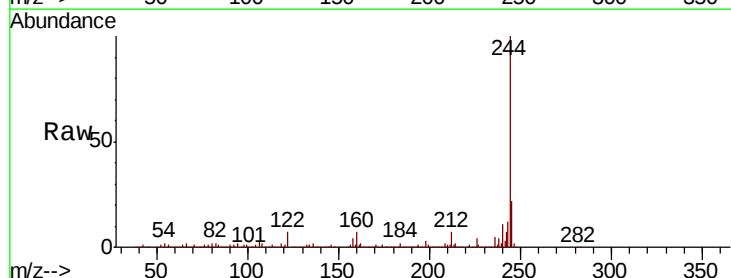
Tgt Ion:244 Resp: 1568279

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

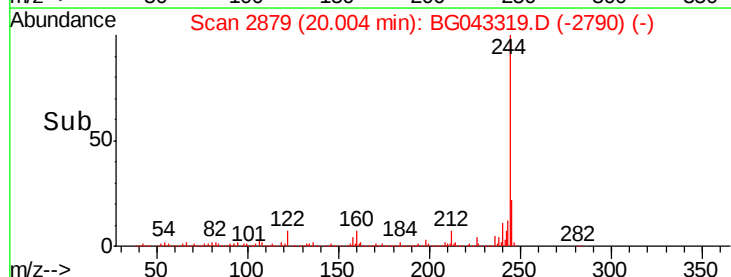
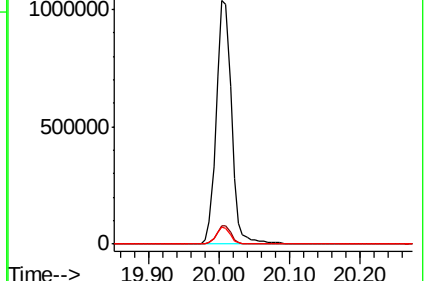
122 7.2 5.3 7.9

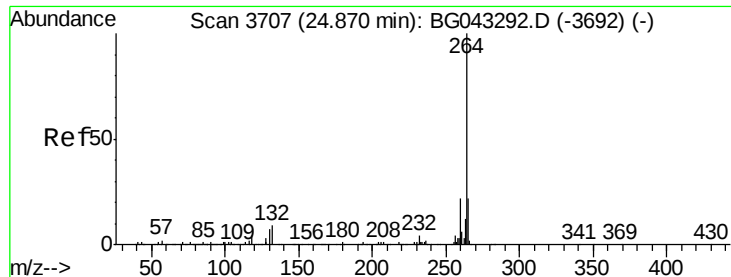


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG043319.D  
 Acq: 23 Oct 2019 21:53

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 17.9  | 26.9  |
| 265     | 23.7  | 17.4  | 26.2  |

