

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\  
 Data File : BG041600.D  
 Acq On : 3 Jul 2019 21:39  
 Operator : HP/JU  
 Sample : K3650-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-PS-01-051

Quant Time: Jul 04 02:20:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:25:55 2019  
 Response via : Initial Calibration

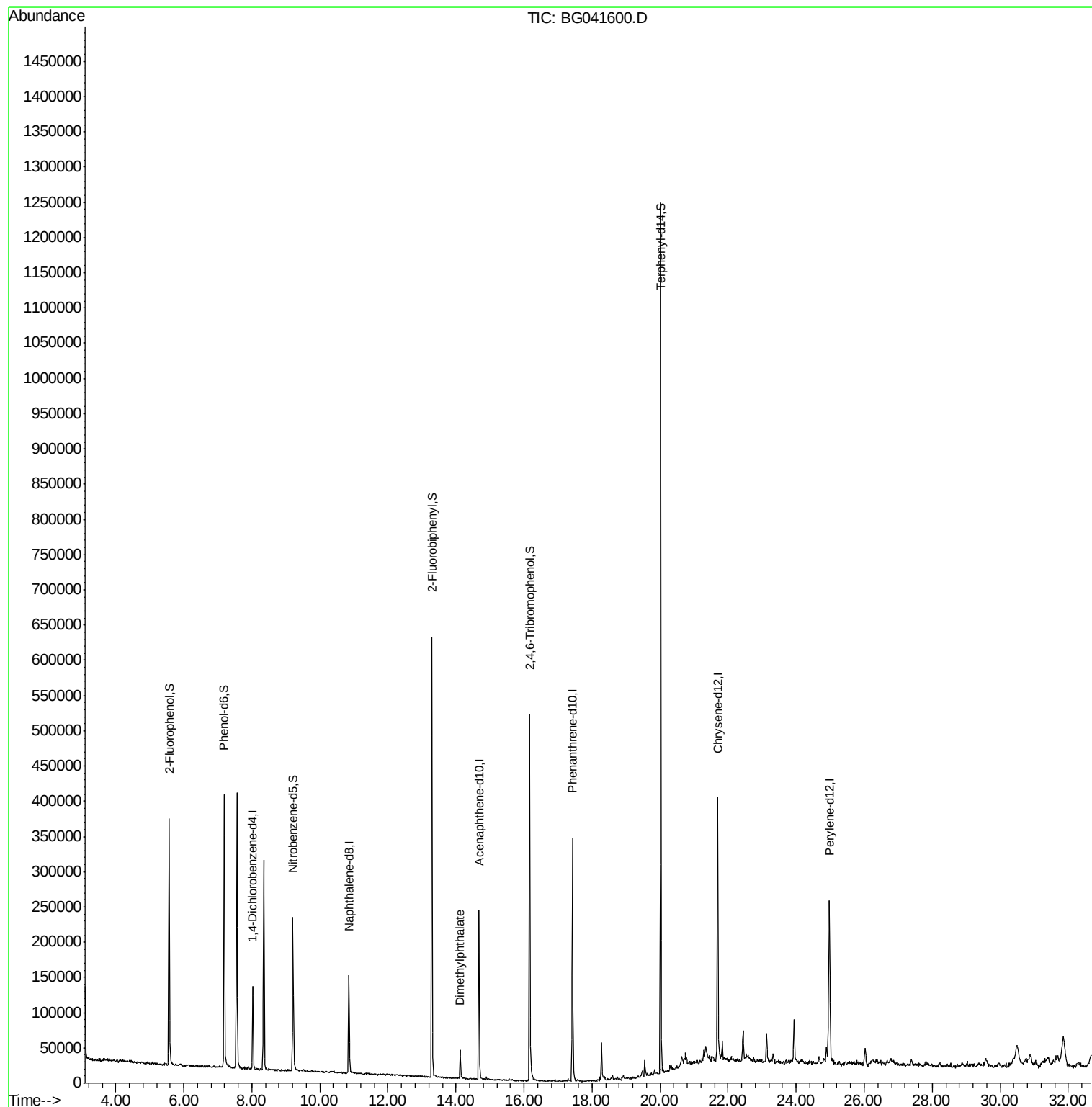
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.03  | 152  | 33317    | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.85 | 136  | 117995   | 20.00 | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.67 | 164  | 86090    | 20.00 | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.42 | 188  | 231717   | 20.00 | ng    | 0.00          |
| 76) Chrysene-d12            | 21.69 | 240  | 241545   | 20.00 | ng    | 0.00          |
| 87) Perylene-d12            | 24.98 | 264  | 261483   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.56  | 112  | 147364   | 78.86 | ng    | 0.00          |
| 7) Phenol-d6                | 7.19  | 99   | 211229   | 80.29 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 149371   | 52.80 | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 16.17 | 330  | 115545   | 78.61 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.29 | 172  | 331152   | 49.36 | ng    | 0.00          |
| 79) Terphenyl-d14           | 20.02 | 244  | 579270   | 50.96 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 50) Dimethylphthalate       | 14.12 | 163  | 31598    | 4.033 | ng    | Qvalue<br>100 |

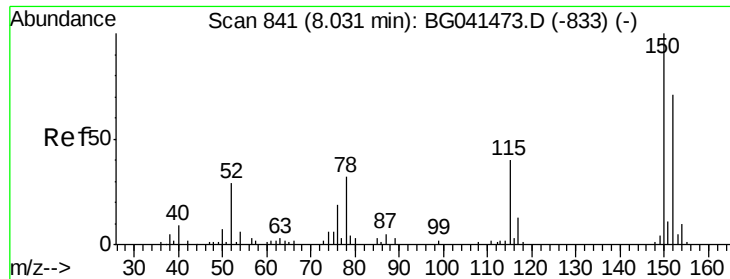
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Response via : Initial Calibration



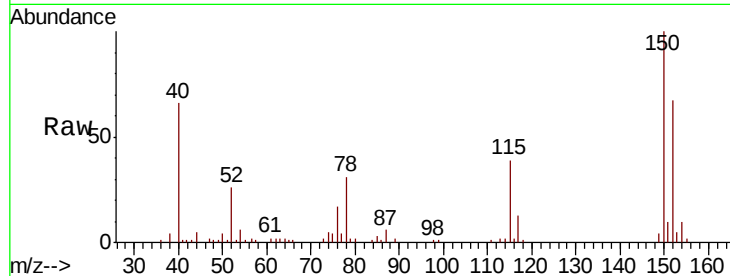


#1

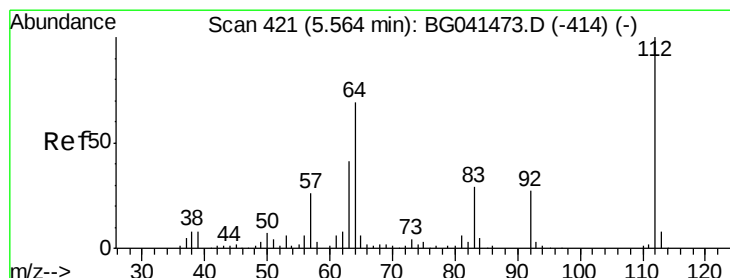
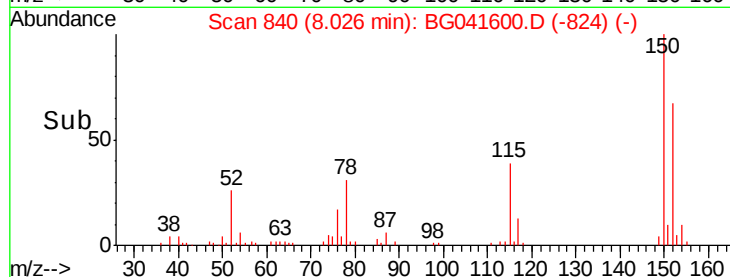
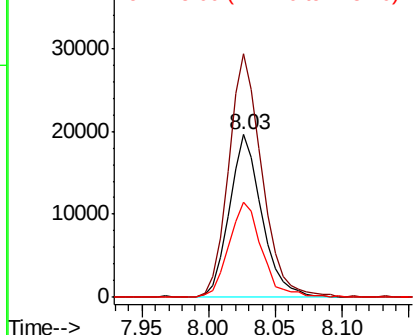
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BG041600.D  
Acq: 3 Jul 2019 21:39

Instrument :  
BNA\_G  
ClientSampleId :  
FK-PS-01-051

Tot Ion:152 Resp: 33317  
Ion Ratio Lower Upper  
152 100  
150 149.6 112.4 168.6  
115 58.2 44.6 66.8



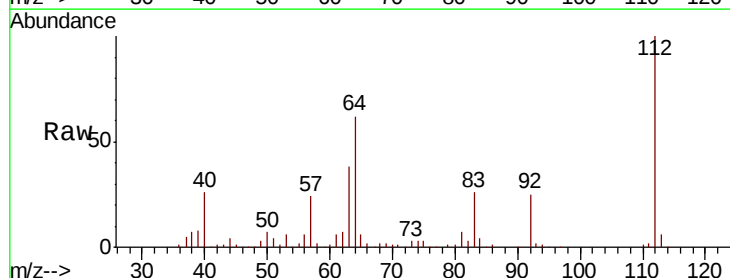
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



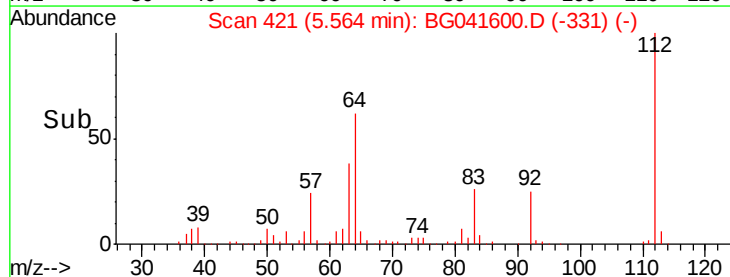
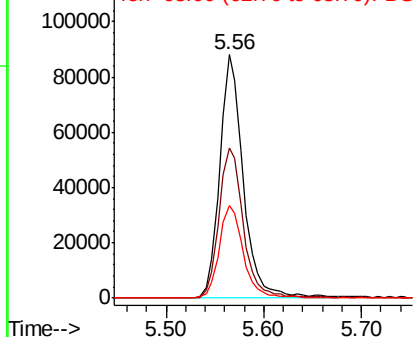
#5

2-Fluorophenol  
Concen: 78.857 ng  
RT: 5.56 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: BG041600.D  
Acq: 3 Jul 2019 21:39

Tgt Ion:112 Resp: 147364  
Ion Ratio Lower Upper  
112 100  
64 61.9 55.1 82.7  
63 37.9 32.4 48.6



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: 80.294 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041600.D

Acq: 3 Jul 2019 21:39

Instrument :

BNA\_G

ClientSampleId :

FK-PS-01-051

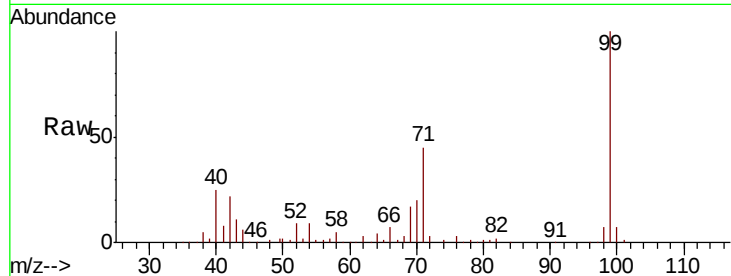
Tot Ion: 99 Resp: 211229

Ion Ratio Lower Upper

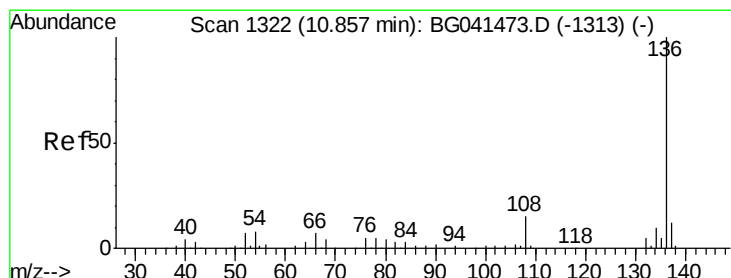
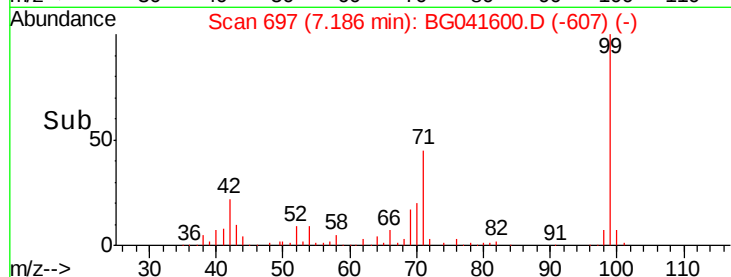
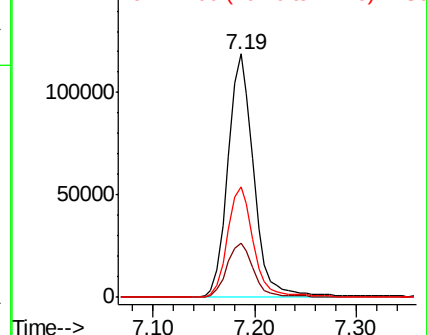
99 100

42 22.0 19.0 28.6

71 45.1 37.4 56.2



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041600.D

Acq: 3 Jul 2019 21:39

Tgt Ion: 136 Resp: 117995

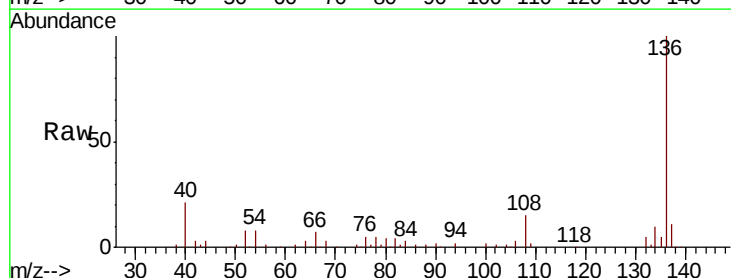
Ion Ratio Lower Upper

136 100

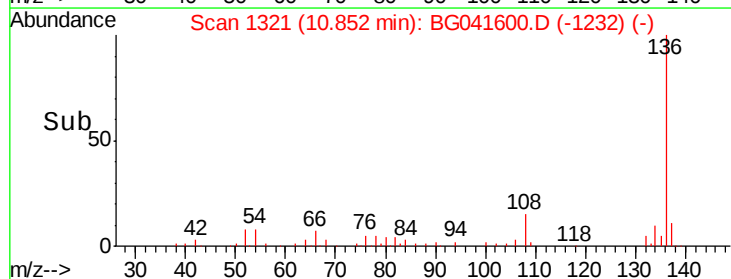
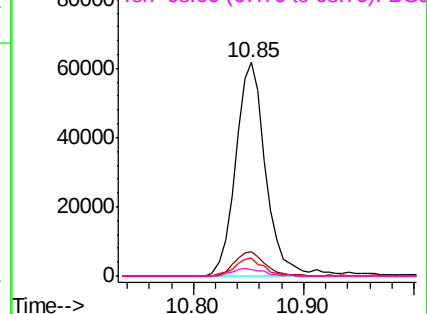
137 11.3 9.3 13.9

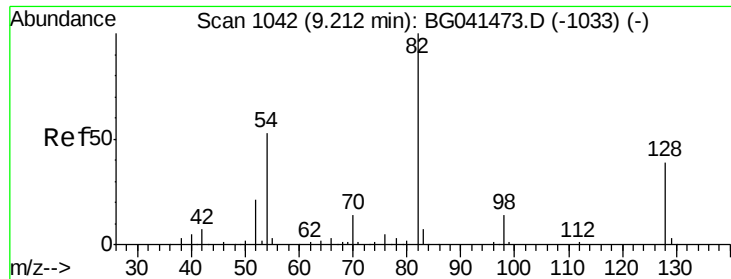
54 8.2 7.1 10.7

68 3.3 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

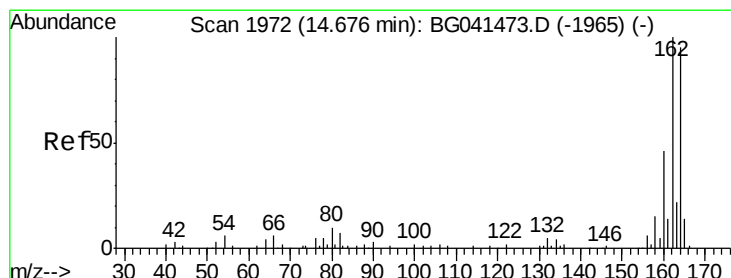
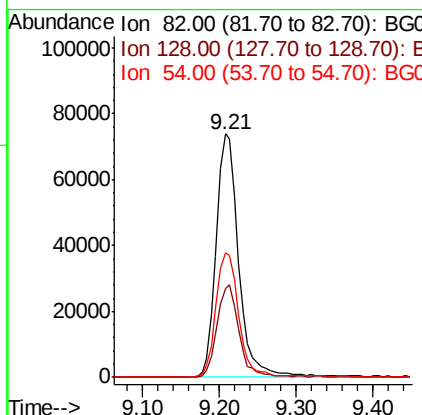
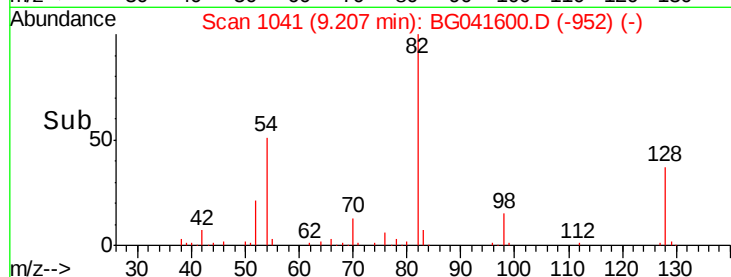
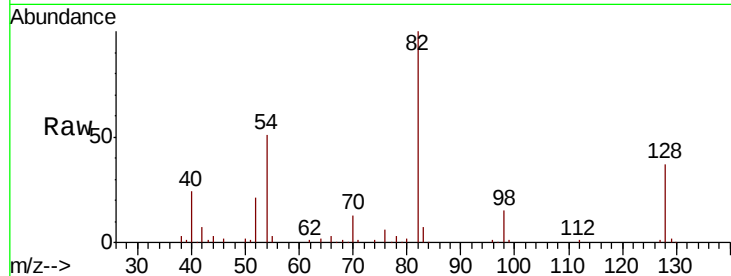




#23  
 Nitrobenzene-d5  
 Concen: 52.797 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG041600.D  
 Acq: 3 Jul 2019 21:39

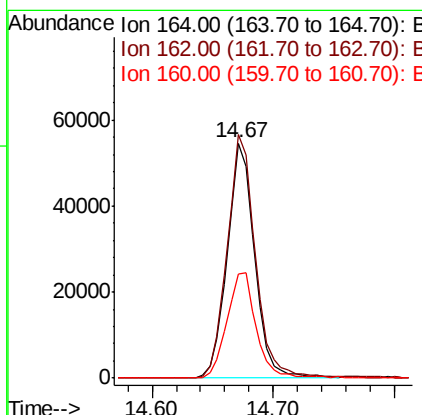
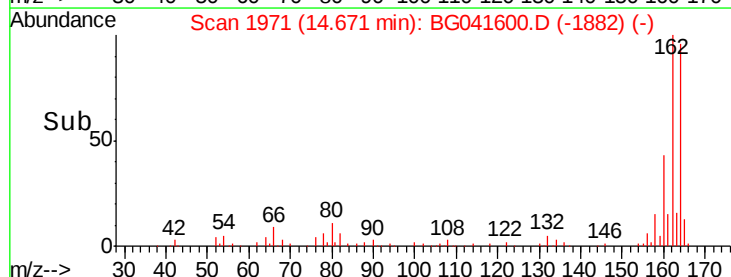
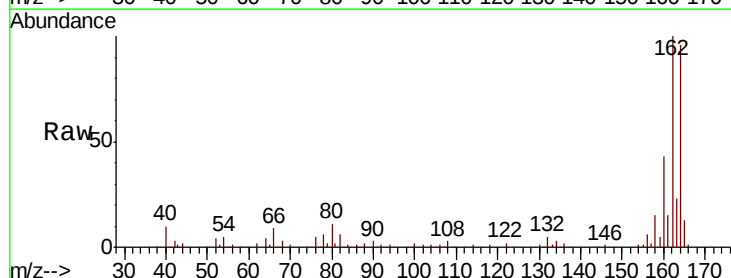
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-PS-01-051

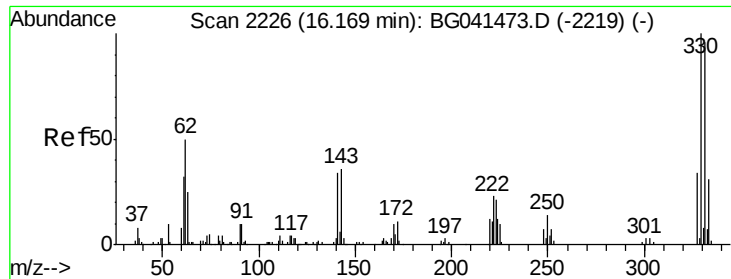
| Tot Ion   | 82   | Resp  | 149371 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 36.5 | 30.9  | 46.3   |
| 54        | 51.1 | 42.2  | 63.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.67 min Scan# 1971  
 Delta R.T. -0.01 min  
 Lab File: BG041600.D  
 Acq: 3 Jul 2019 21:39

| Tgt Ion   | 164   | Resp  | 86090 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 162       | 103.7 | 84.4  | 126.6 |
| 160       | 44.5  | 38.8  | 58.2  |

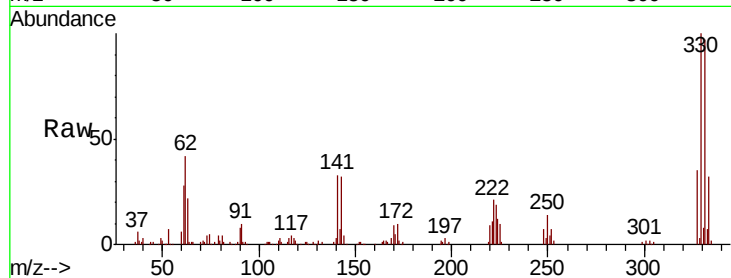




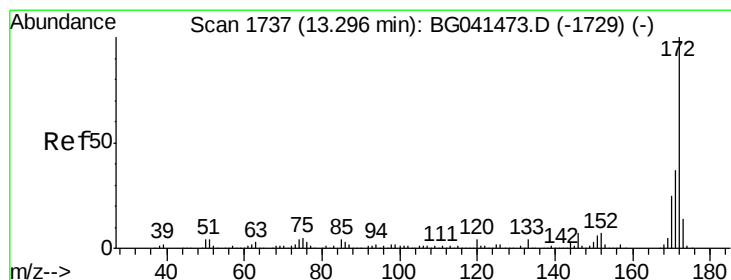
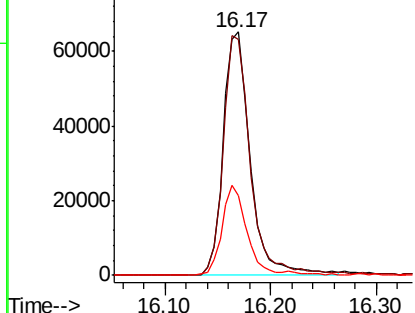
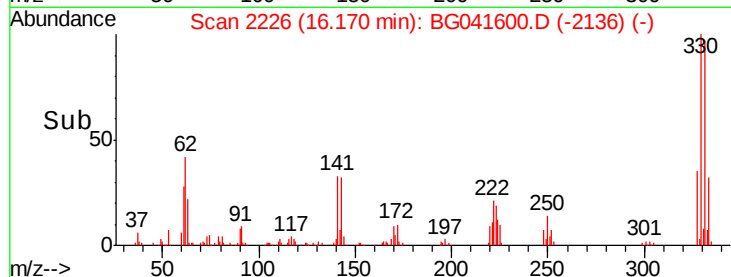
#42  
 2,4,6-Tribromophenol  
 Concen: 78.606 ng  
 RT: 16.17 min Scan# 2226  
 Delta R.T. 0.00 min  
 Lab File: BG041600.D  
 Acq: 3 Jul 2019 21:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-PS-01-051

Tot Ion:330 Resp: 115545  
 Ion Ratio Lower Upper  
 330 100  
 332 100.3 75.5 113.3  
 141 33.7 27.8 41.6

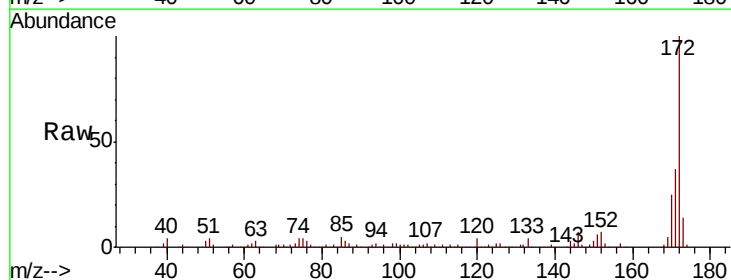


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

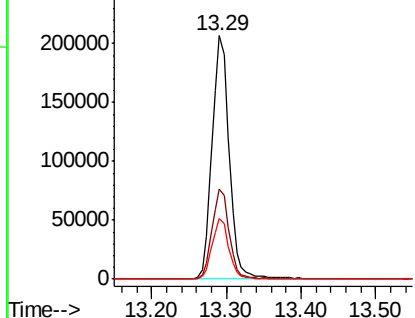
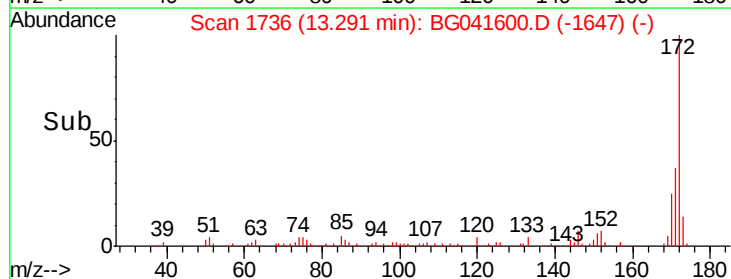


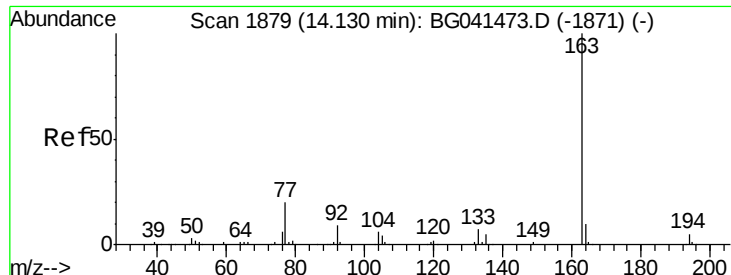
#45  
 2-Fluorobiphenyl  
 Concen: 49.362 ng  
 RT: 13.29 min Scan# 1736  
 Delta R.T. -0.01 min  
 Lab File: BG041600.D  
 Acq: 3 Jul 2019 21:39

Tgt Ion:172 Resp: 331152  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 29.6 44.4  
 170 24.7 20.0 30.0



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

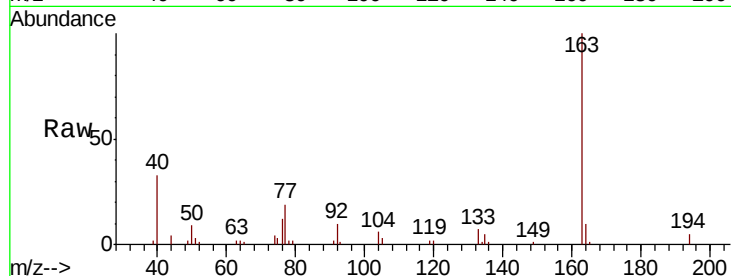




#50  
Dimethylphthalate  
Concen: 4.033 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. -0.01 min  
Lab File: BG041600.D  
Acq: 3 Jul 2019 21:39

Instrument :  
BNA\_G  
ClientSampleId :  
FK-PS-01-051

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.9   | 3.7   | 5.5   |
| 164     | 9.7   | 7.8   | 11.6  |

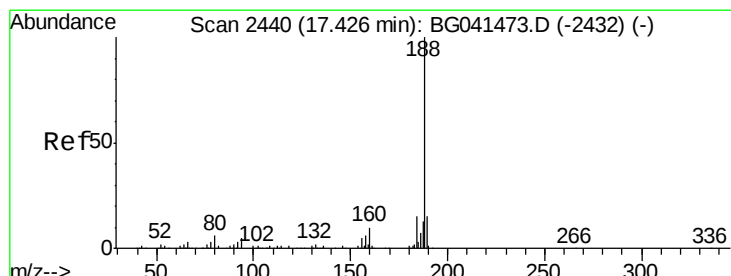
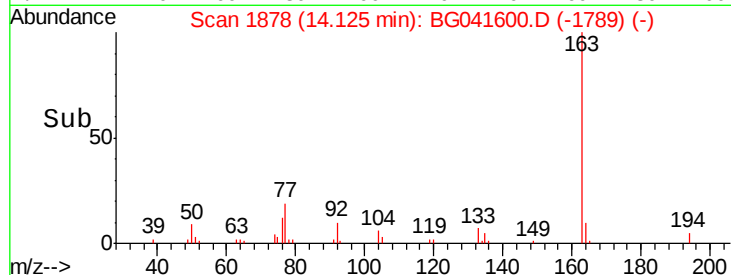
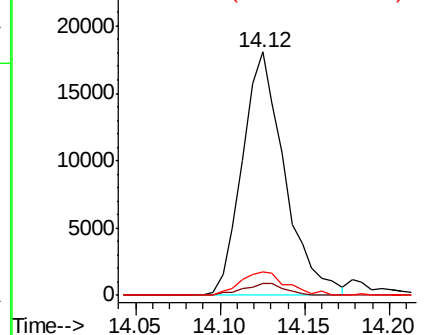


Abundance

Ion 163.00 (162.70 to 163.70): E

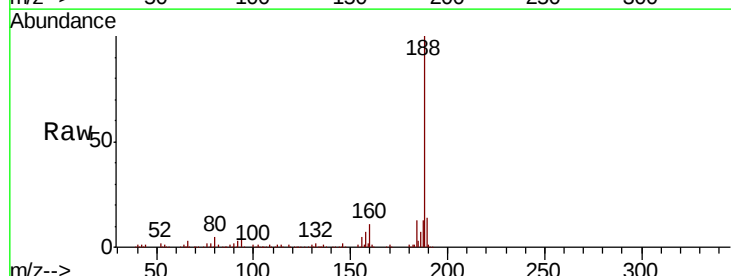
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.01 min  
Lab File: BG041600.D  
Acq: 3 Jul 2019 21:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 4.4   | 3.8   | 5.8   |
| 80      | 5.1   | 4.8   | 7.2   |

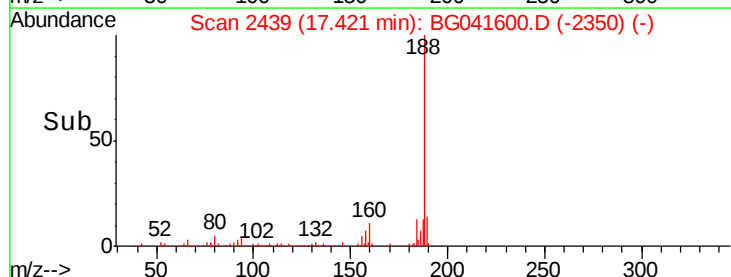
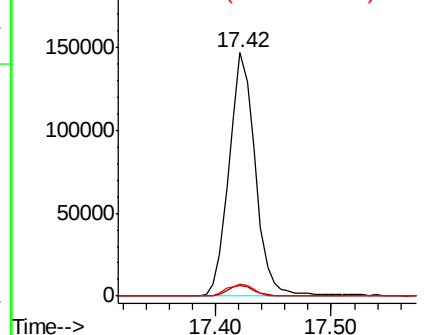


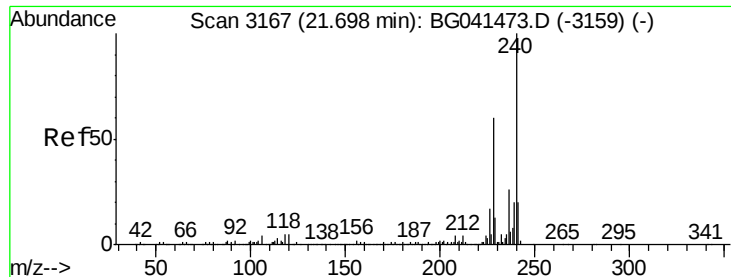
Abundance

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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG041600.D

Acq: 3 Jul 2019 21:39

Instrument :

BNA\_G

ClientSampleId :

FK-PS-01-051

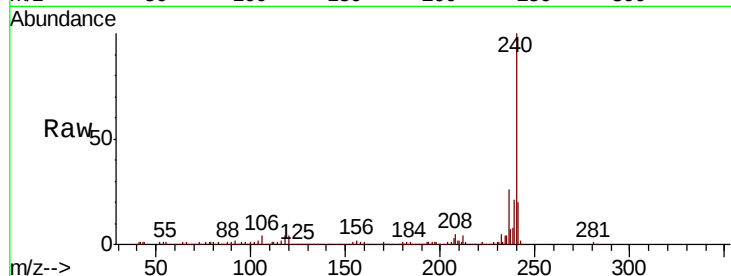
Tot Ion:240 Resp: 241545

Ion Ratio Lower Upper

240 100

120 3.8 3.7 5.5

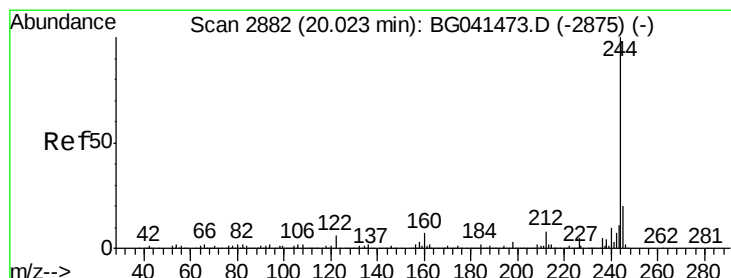
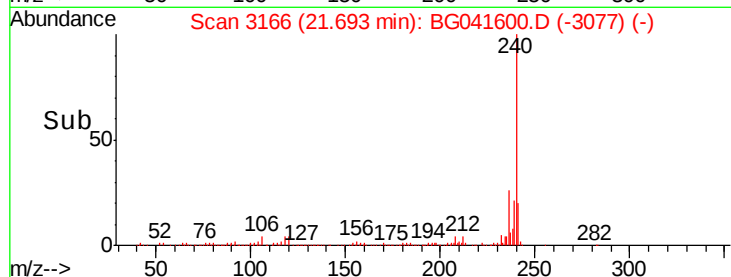
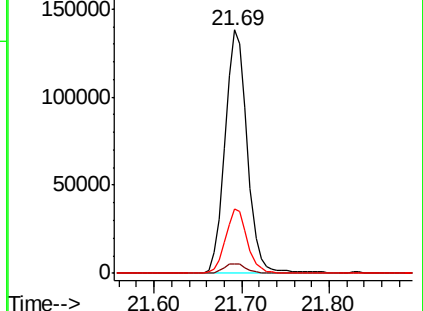
236 26.3 20.8 31.2



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: 50.963 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG041600.D

Acq: 3 Jul 2019 21:39

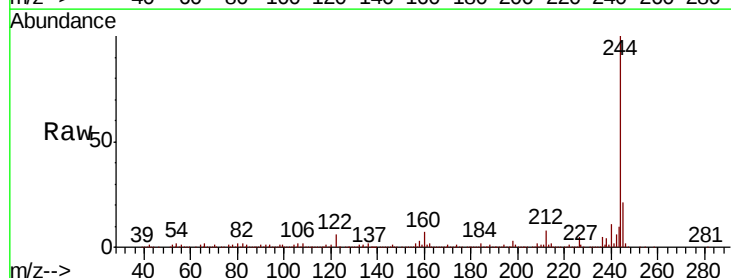
Tgt Ion:244 Resp: 579270

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

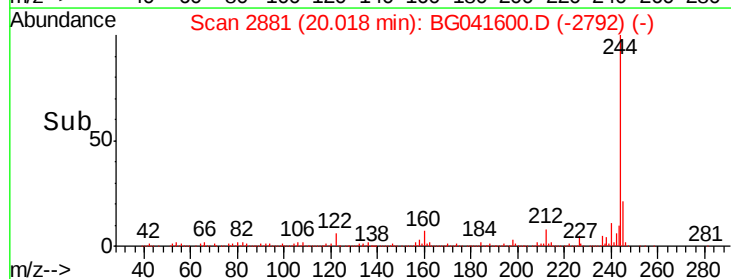
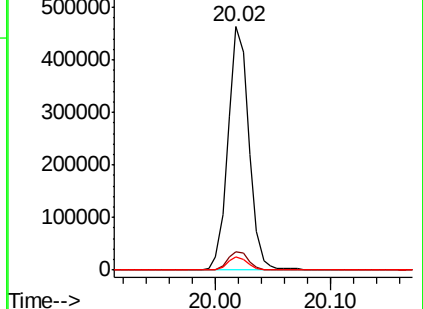
122 5.5 4.8 7.2

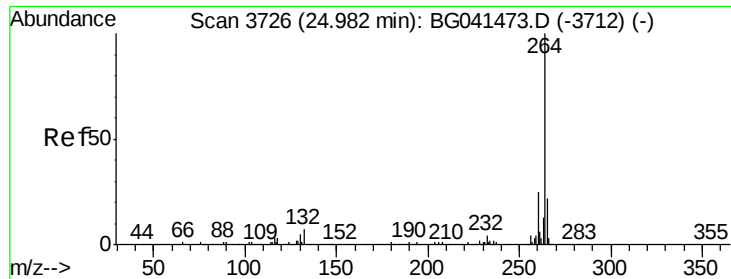


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3725  
 Delta R.T. -0.01 min  
 Lab File: BG041600.D  
 Acq: 3 Jul 2019 21:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-PS-01-051

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.6  | 19.7  | 29.5  |
| 265     | 20.1  | 17.4  | 26.2  |

