

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052120\  
 Data File : BG045439.D  
 Acq On : 21 May 2020 14:22  
 Operator : CG/JU  
 Sample : PB129032BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129032BL

Quant Time: May 21 15:10:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 20 14:43:36 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.97  | 152  | 66066    | 20.00  | ng    | 0.01     |
| 21) Naphthalene-d8          | 10.77 | 136  | 272475   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.61 | 164  | 204648   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.36 | 188  | 497001   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.62 | 240  | 505547   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 24.77 | 264  | 525565   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 396903   | 117.41 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 560553   | 116.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 394100   | 78.87  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 309968   | 118.43 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.24 | 172  | 985043   | 81.64  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.97 | 244  | 1793639  | 82.75  | ng    | 0.00     |

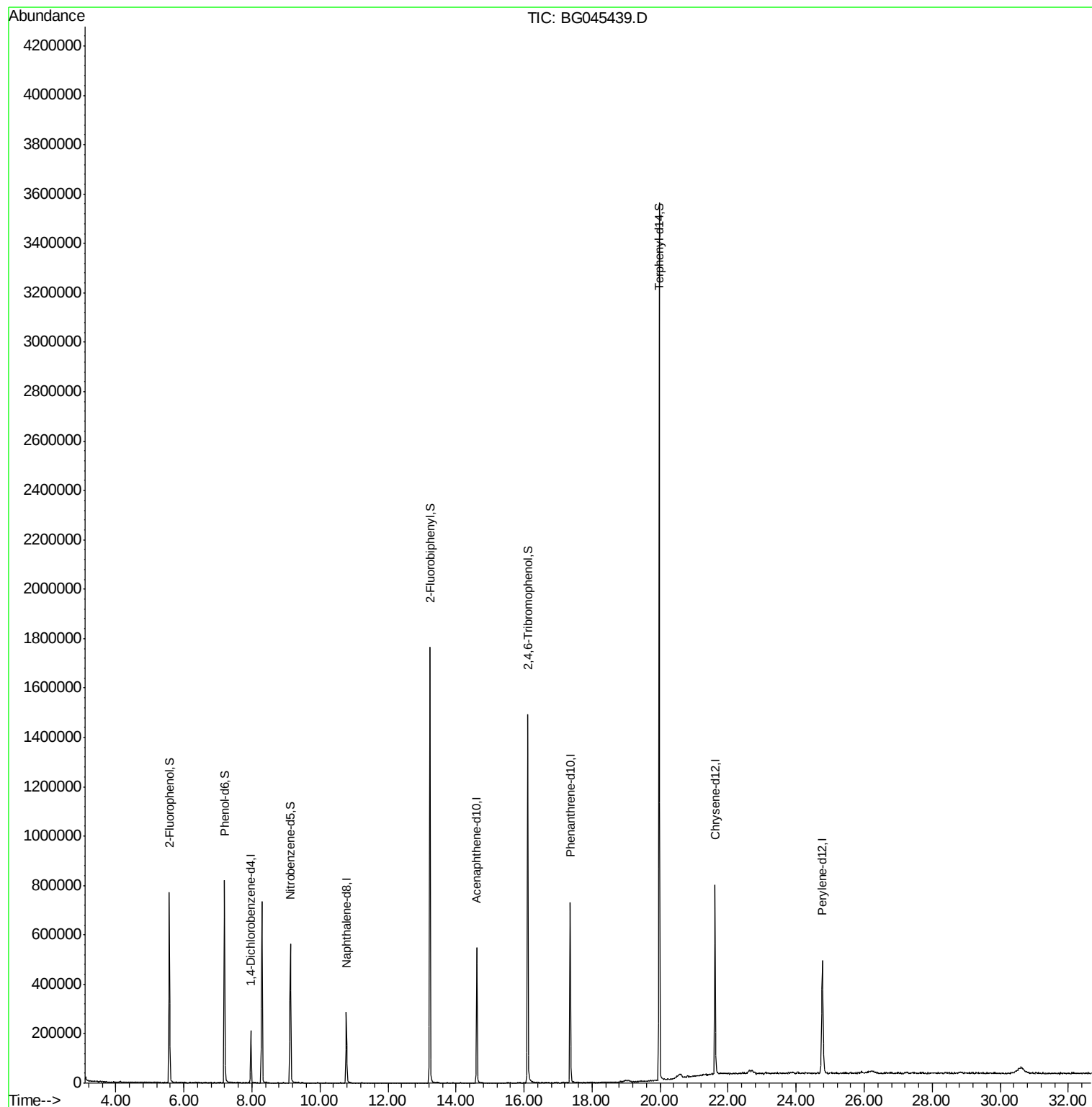
Target Compounds Qvalue

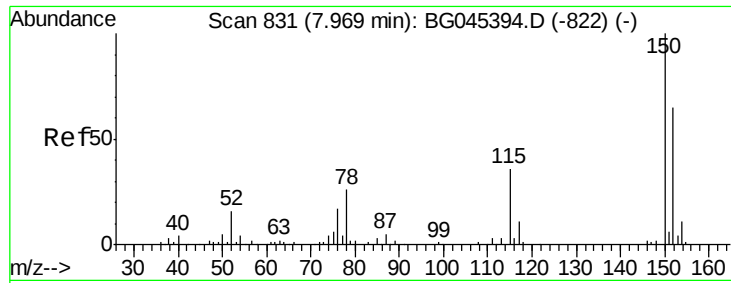
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: May 21 15:10:26 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 20 14:43:36 2020  
Response via : Initial Calibration



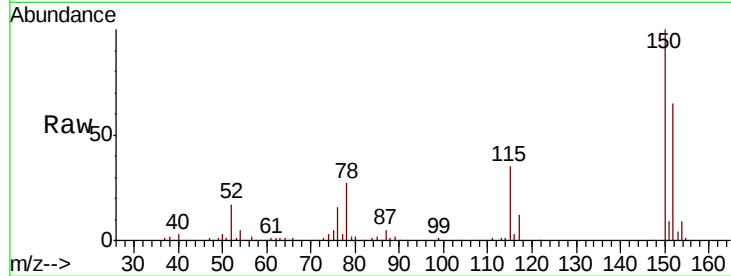


#1

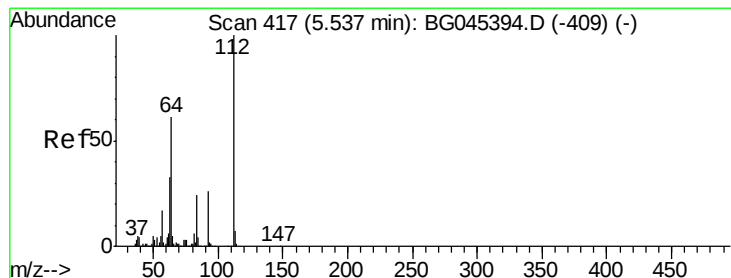
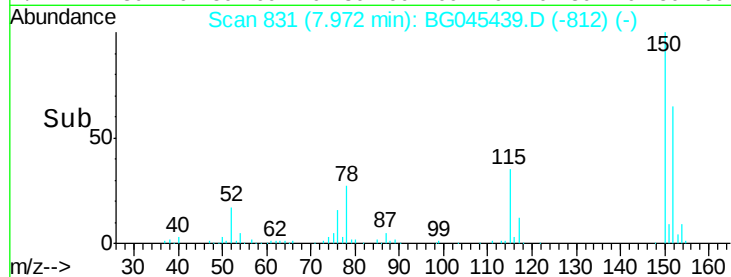
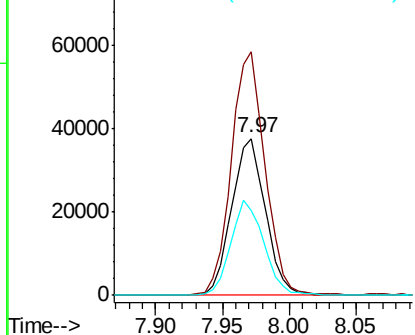
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.97 min Scan# 831  
 Delta R.T. 0.01 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129032BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 122.4 | 183.6 |
| 115     | 54.4  | 44.2  | 66.4  |



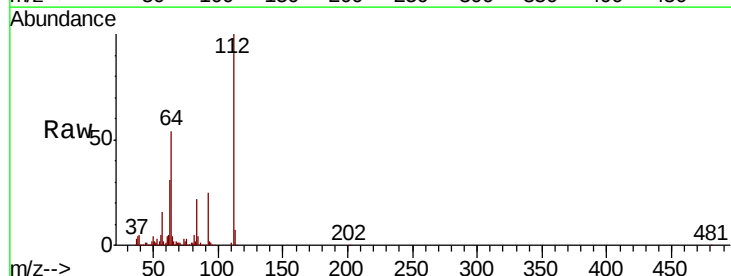
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



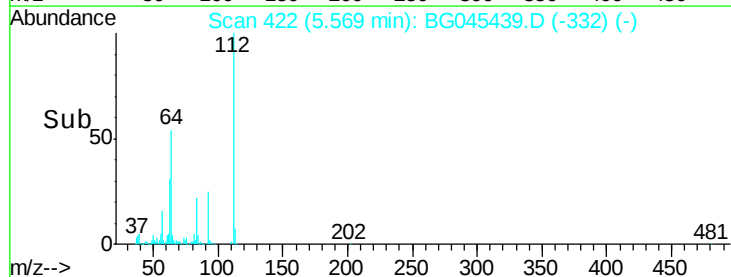
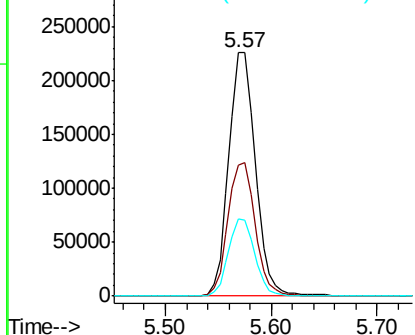
#5

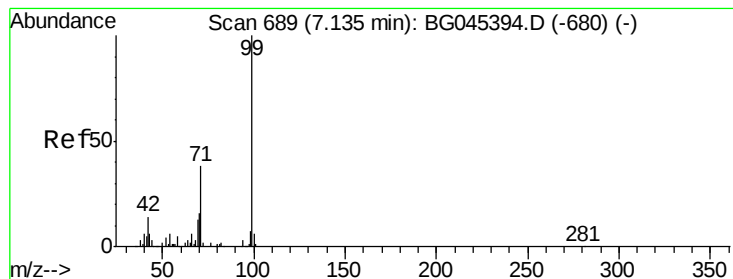
2-Fluorophenol  
 Concen: 117.408 ng  
 RT: 5.57 min Scan# 422  
 Delta R.T. 0.00 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 53.9  | 48.6  | 72.8  |
| 63      | 31.5  | 26.5  | 39.7  |



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: 116.502 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA\_G

ClientSampleId :

PB129032BL

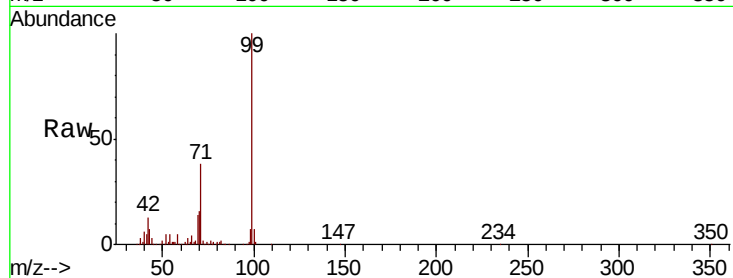
Tot Ion: 99 Resp: 560553

Ion Ratio Lower Upper

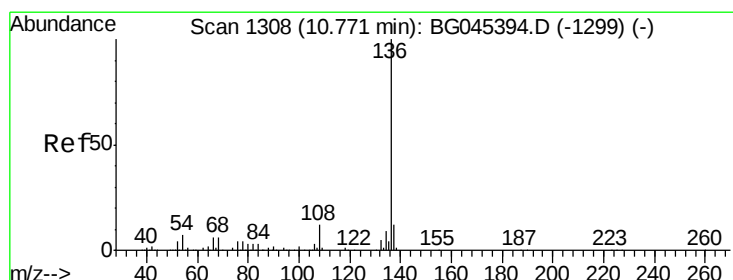
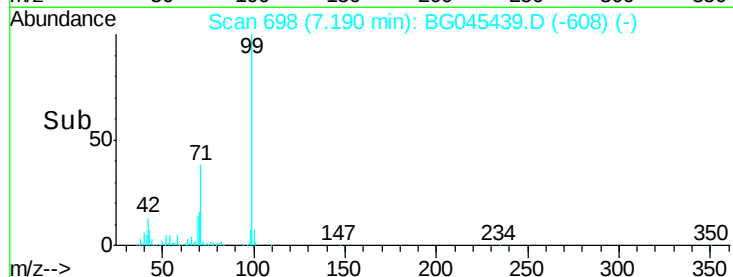
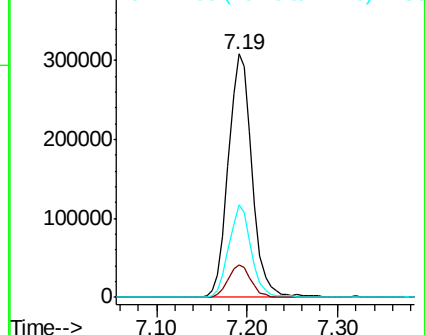
99 100

42 13.3 11.3 16.9

71 37.9 30.8 46.2



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: 10.77 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Tgt Ion: 136 Resp: 272475

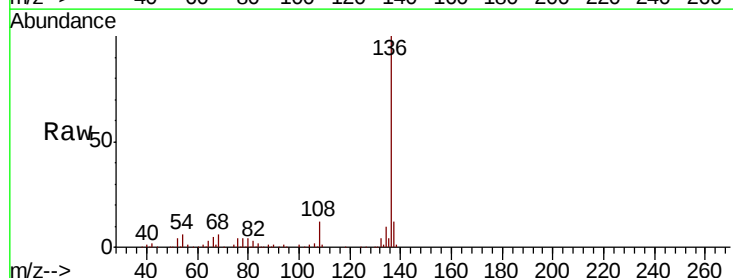
Ion Ratio Lower Upper

136 100

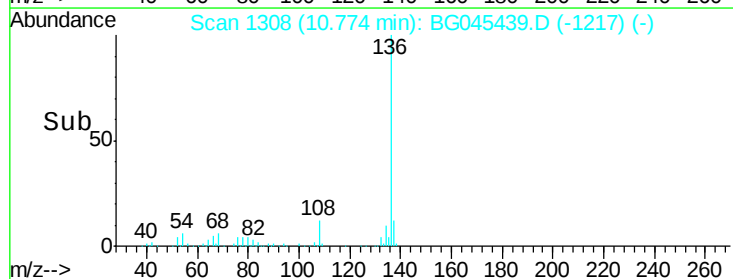
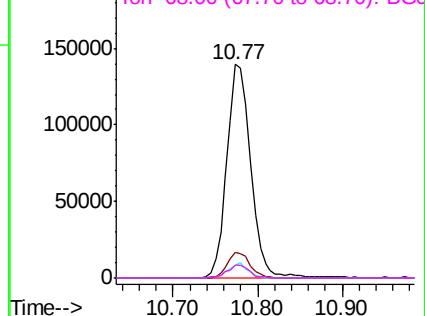
137 12.2 9.4 14.2

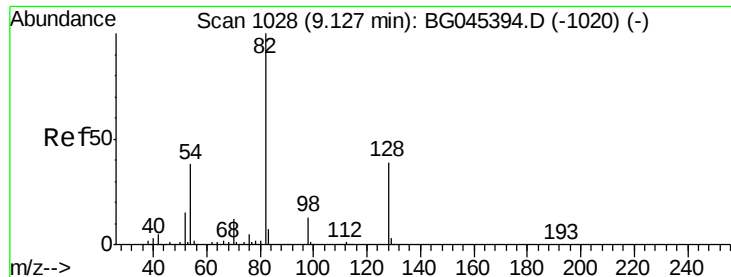
54 6.0 5.8 8.6

68 5.8 4.5 6.7



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

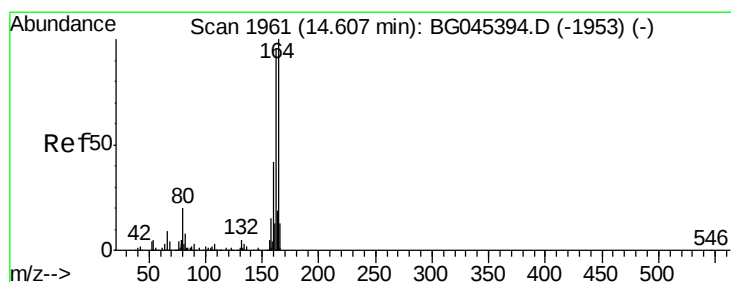
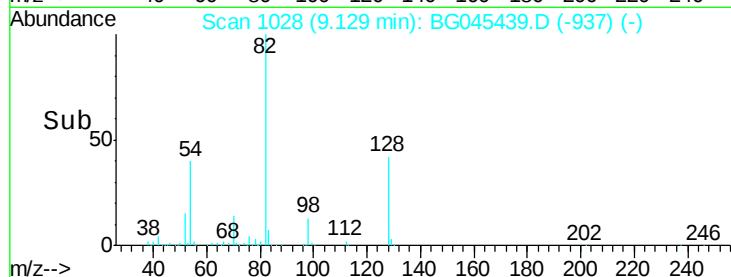
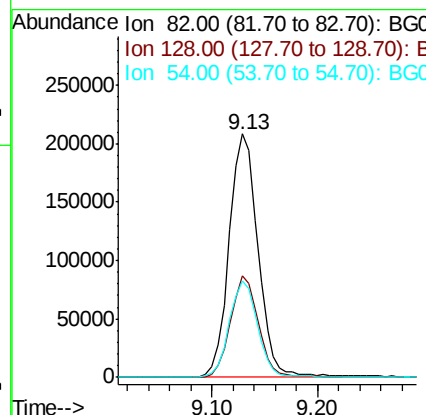
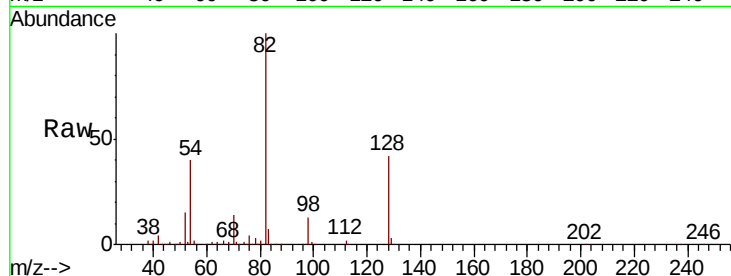




#23  
 Nitrobenzene-d5  
 Concen: 78.873 ng  
 RT: 9.13 min Scan# 1028  
 Delta R.T. 0.01 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

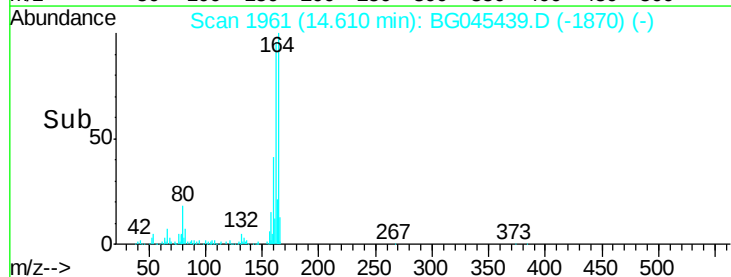
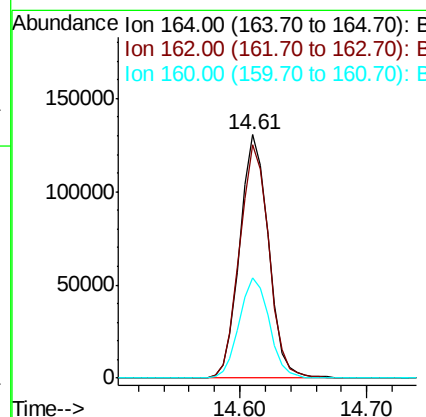
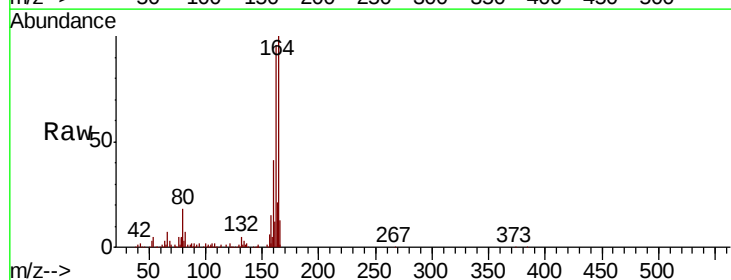
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129032BL

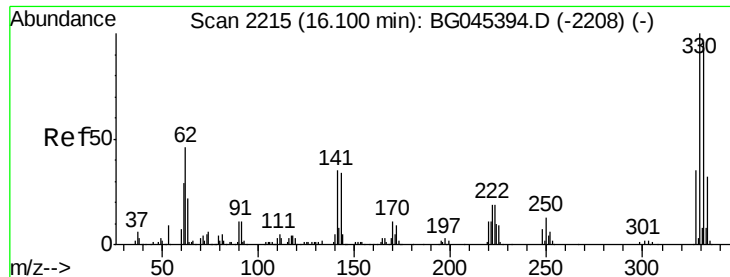
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.6  | 30.9  | 46.3  |
| 54      | 39.6  | 30.3  | 45.5  |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.61 min Scan# 1961  
 Delta R.T. 0.01 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.7  | 76.9  | 115.3 |
| 160     | 41.4  | 33.8  | 50.8  |

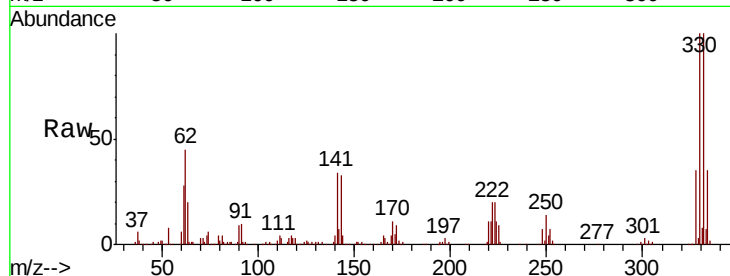




#42  
 2,4,6-Tribromophenol  
 Concen: 118.434 ng  
 RT: 16.11 min Scan# 2216  
 Delta R.T. 0.01 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129032BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.1  | 78.2  | 117.4 |
| 141     | 34.1  | 28.2  | 42.4  |

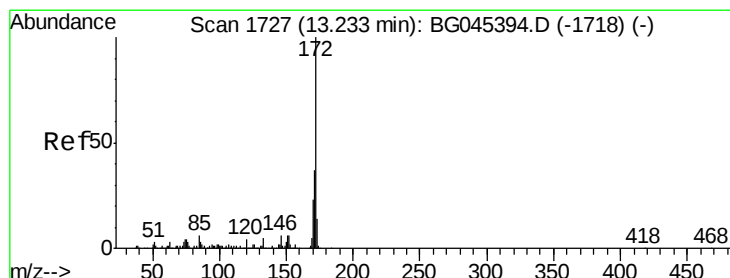
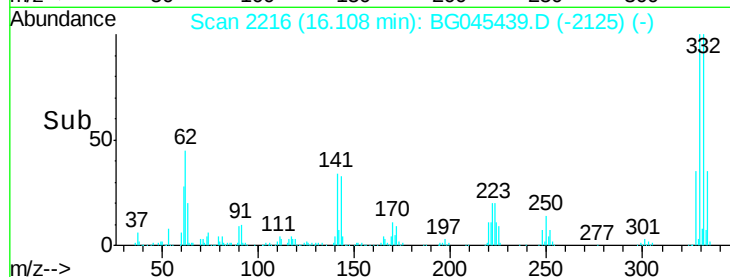
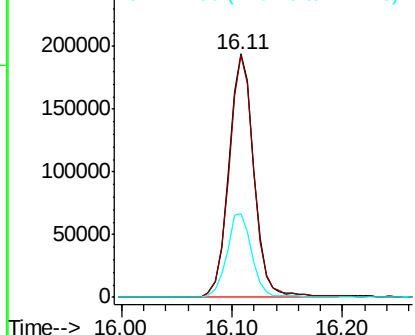


Abundance

Ion 329.80 (329.50 to 330.50): E

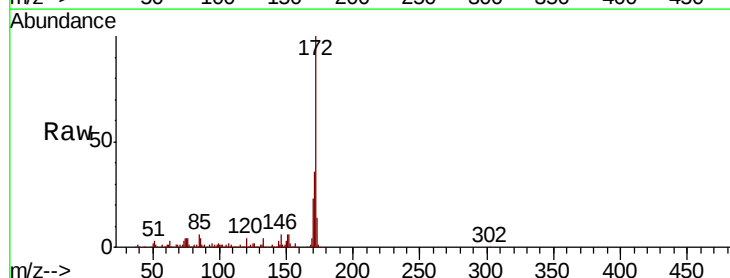
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 81.644 ng  
 RT: 13.24 min Scan# 1727  
 Delta R.T. 0.01 min  
 Lab File: BG045439.D  
 Acq: 21 May 2020 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.5  | 44.3  |
| 170     | 22.8  | 18.5  | 27.7  |

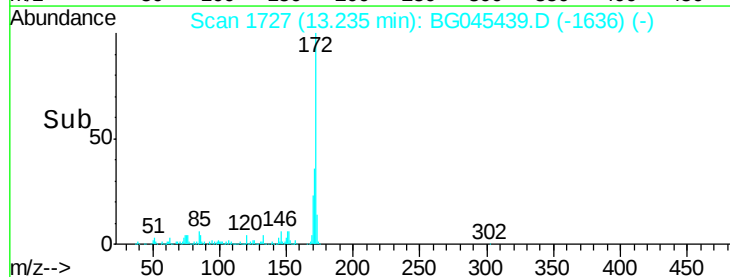
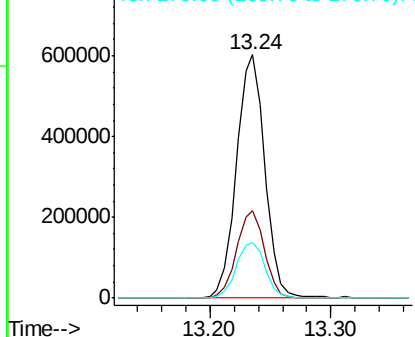


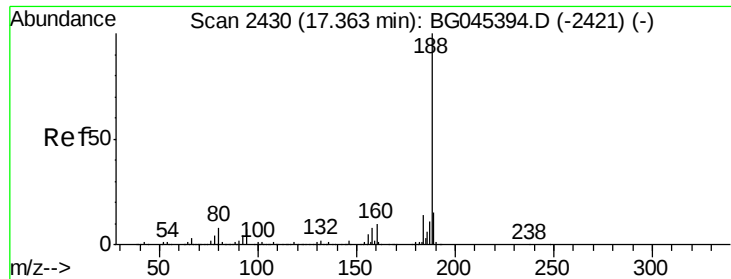
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA\_G

ClientSampleId :

PB129032BL

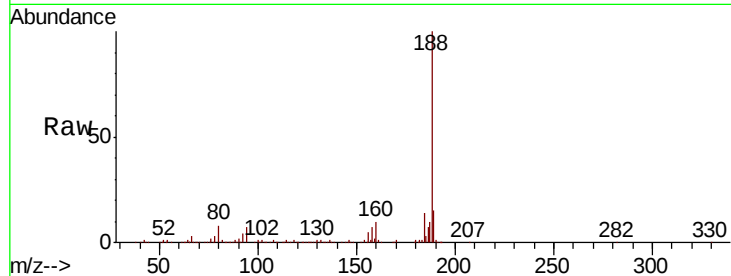
Tot Ion:188 Resp: 497001

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

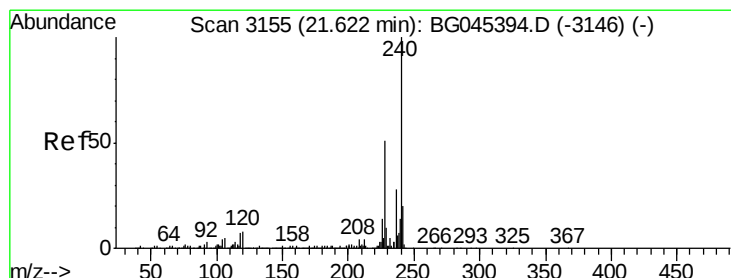
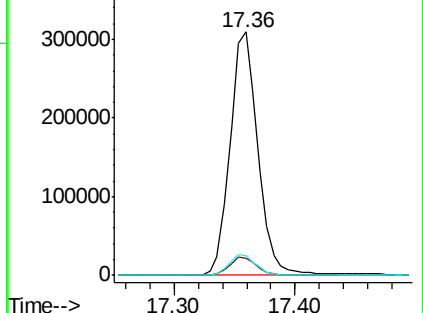
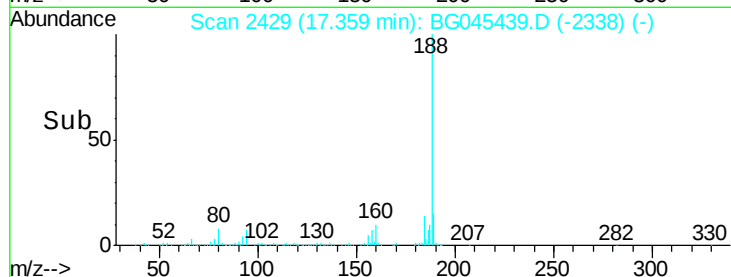
80 8.1 6.6 10.0



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: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

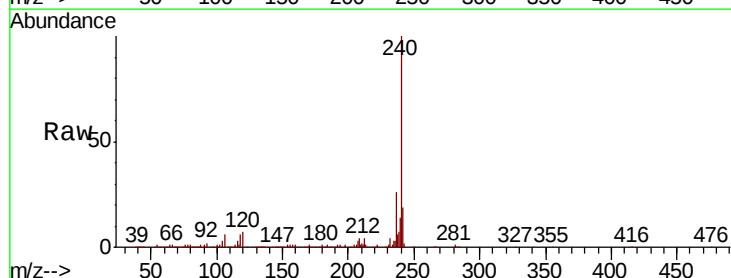
Tgt Ion:240 Resp: 505547

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

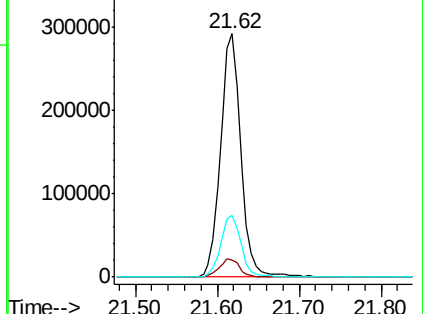
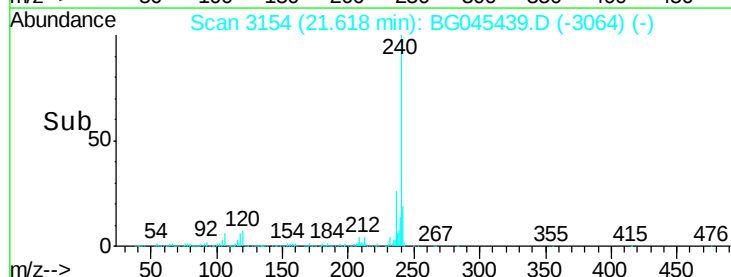
236 25.6 22.3 33.5

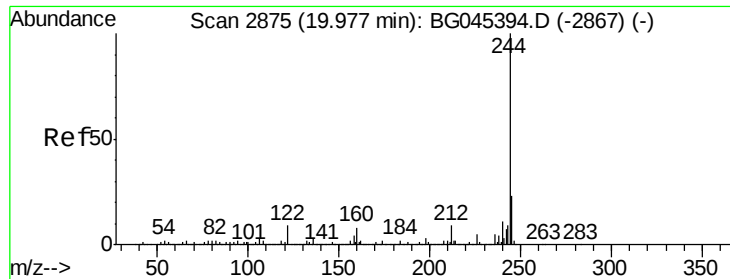


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.748 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA\_G

ClientSampleId :

PB129032BL

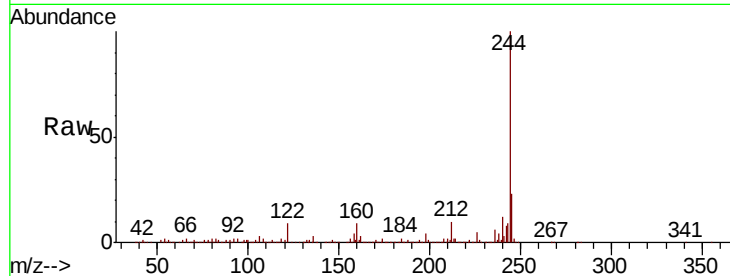
Tot Ion:244 Resp: 1793639

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

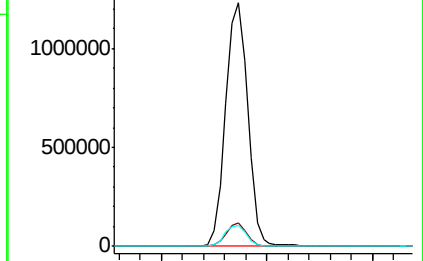
122 8.7 6.8 10.2



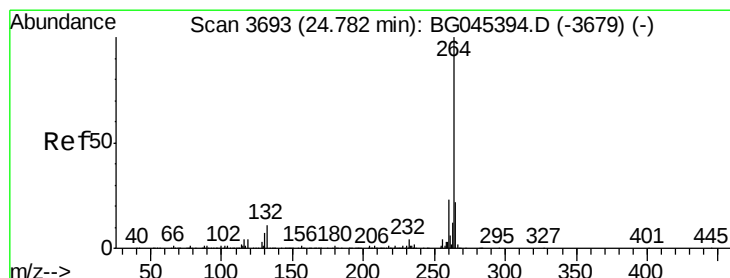
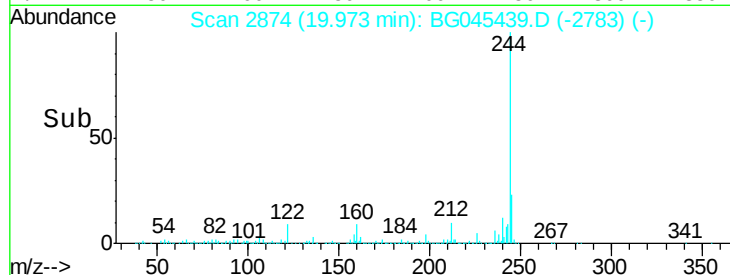
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

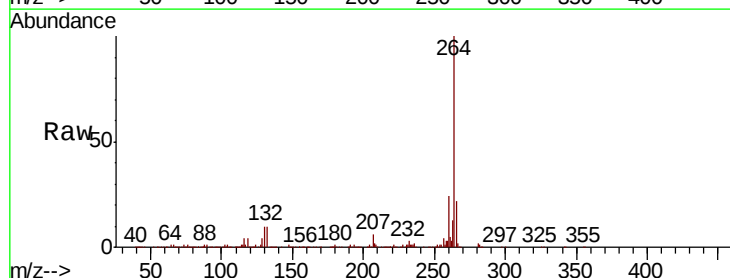
Tgt Ion:264 Resp: 525565

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

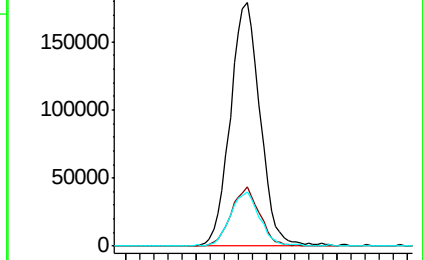
265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

