

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051120\  
 Data File : BG045299.D  
 Acq On : 11 May 2020 16:44  
 Operator : CG/JU  
 Sample : L2503-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-050720

Quant Time: May 11 17:22:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 11 13:27:41 2020  
 Response via : Initial Calibration

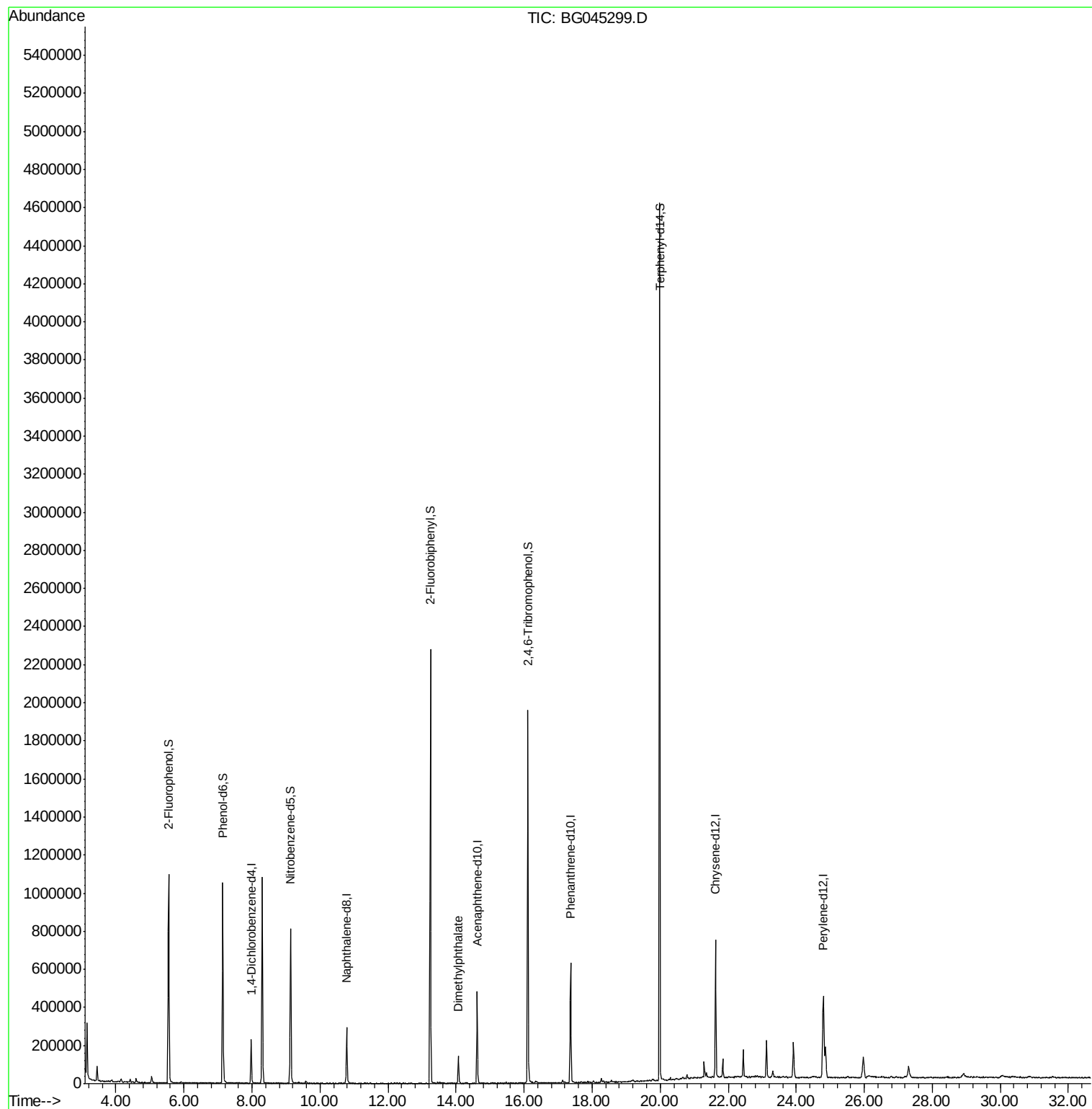
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.98  | 152  | 70646    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.78 | 136  | 261812   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.62 | 164  | 181154   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.36 | 188  | 426830   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.63 | 240  | 452126   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 24.79 | 264  | 490791   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.55  | 112  | 556266   | 130.00 | ng    | 0.00         |
| 7) Phenol-d6                | 7.14  | 99   | 705053   | 110.90 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.13  | 82   | 575848   | 100.36 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 406157   | 145.13 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 1271378  | 102.91 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.98 | 244  | 2211582  | 106.61 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.07 | 163  | 96010    | 6.51   | ng    | Qvalue<br>99 |

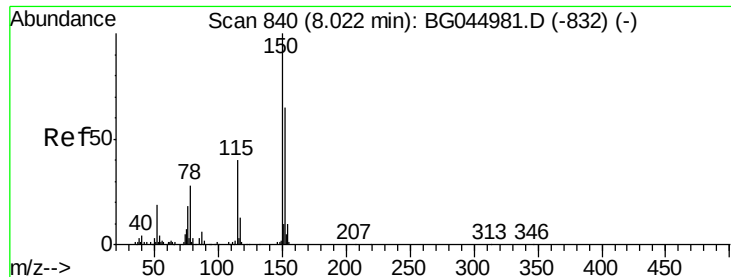
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051120\  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Time: May 11 17:22:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 11 13:27:41 2020  
Response via : Initial Calibration



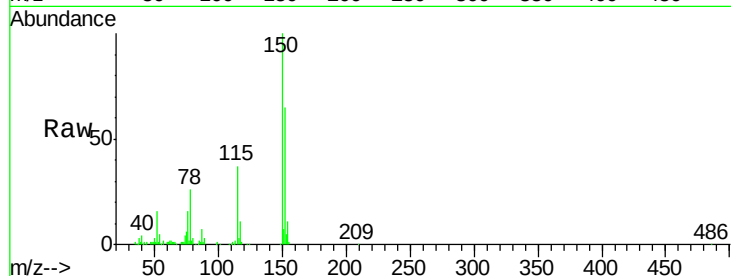


#1

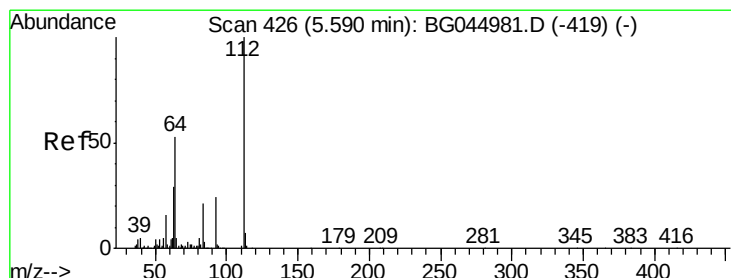
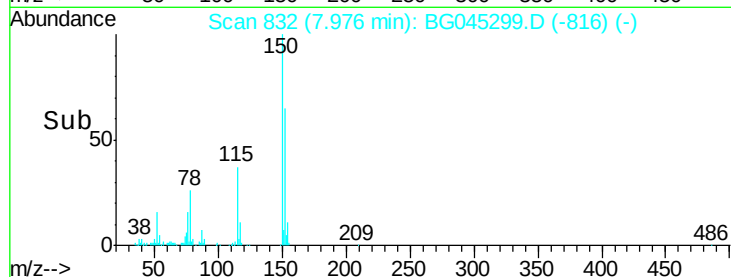
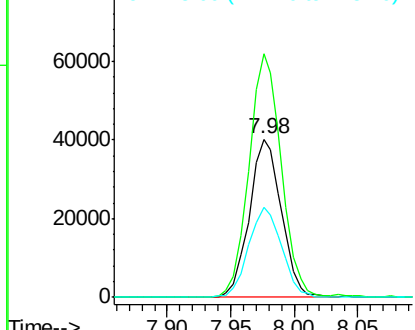
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.98 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: BG045299.D  
Acq: 11 May 2020 16:44

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-050720

Tgt Ion:152 Resp: 70646  
Ion Ratio Lower Upper  
152 100  
150 153.8 123.6 185.4  
115 56.5 49.1 73.7



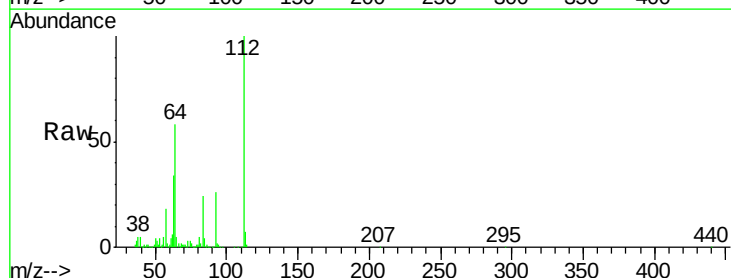
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



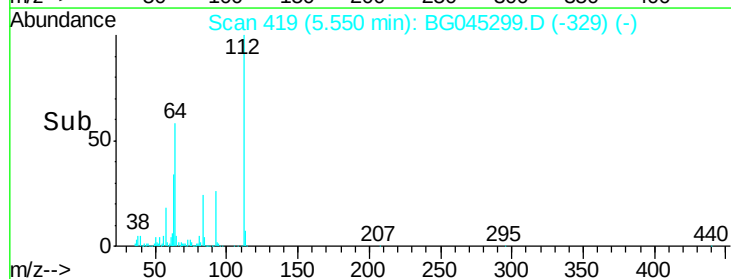
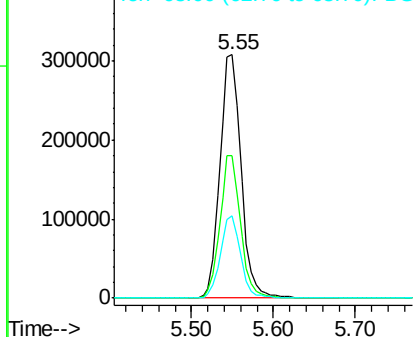
#5

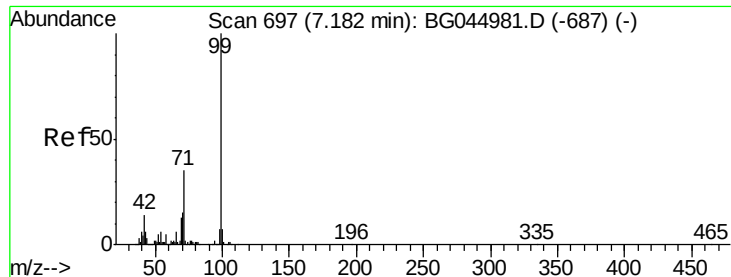
2-Fluorophenol  
Concen: 130.00 ng  
RT: 5.55 min Scan# 419  
Delta R.T. -0.00 min  
Lab File: BG045299.D  
Acq: 11 May 2020 16:44

Tgt Ion:112 Resp: 556266  
Ion Ratio Lower Upper  
112 100  
64 58.4 42.4 63.6  
63 33.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG0  
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.90 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045299.D

Acq: 11 May 2020 16:44

Instrument :

BNA\_G

ClientSampleId :

OR-03-050720

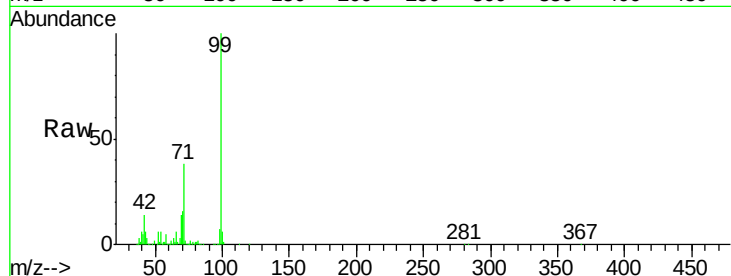
Tgt Ion: 99 Resp: 705053

Ion Ratio Lower Upper

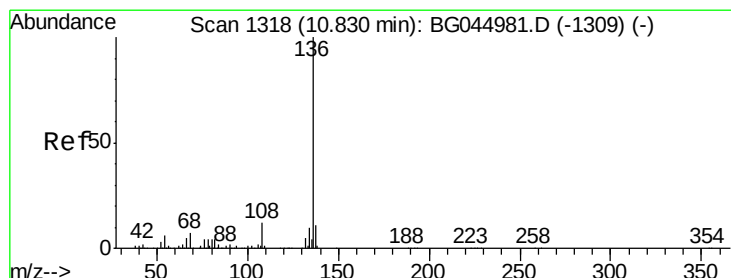
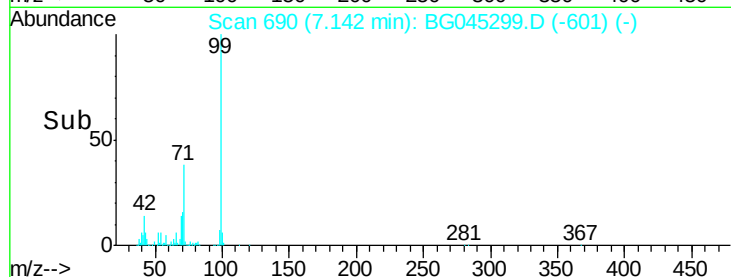
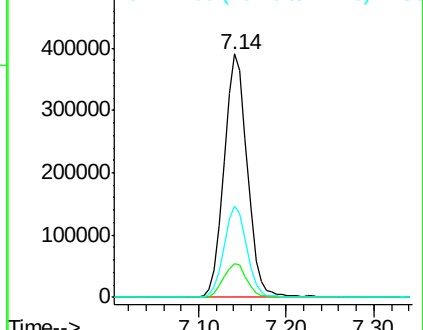
99 100

42 13.8 11.3 16.9

71 37.7 28.3 42.5



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: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045299.D

Acq: 11 May 2020 16:44

Tgt Ion: 136 Resp: 261812

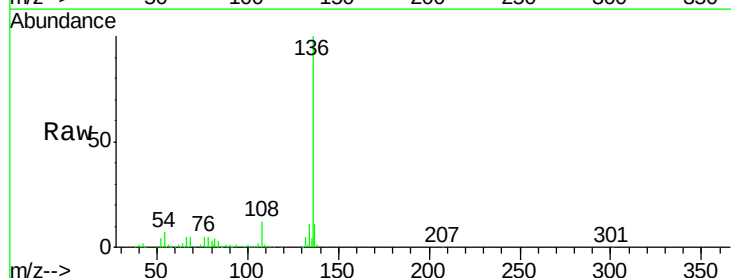
Ion Ratio Lower Upper

136 100

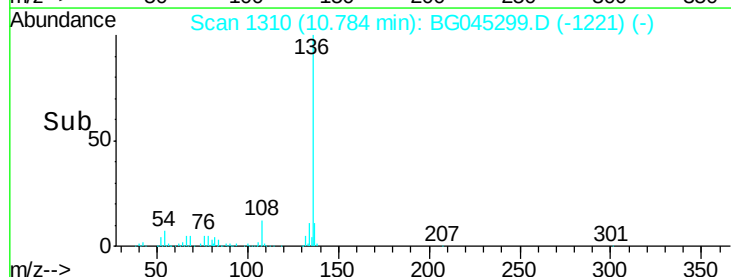
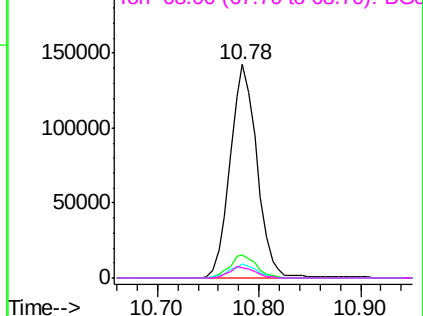
137 10.6 8.6 13.0

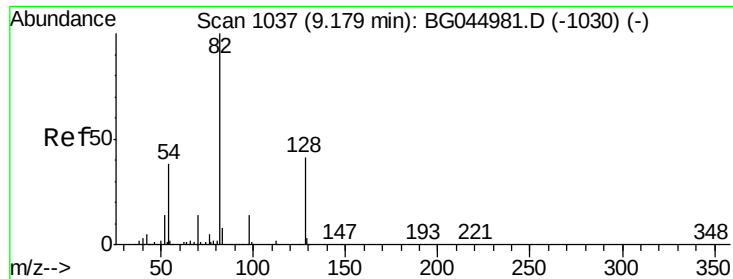
54 6.5 4.8 7.2

68 4.7 5.2 7.8#



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

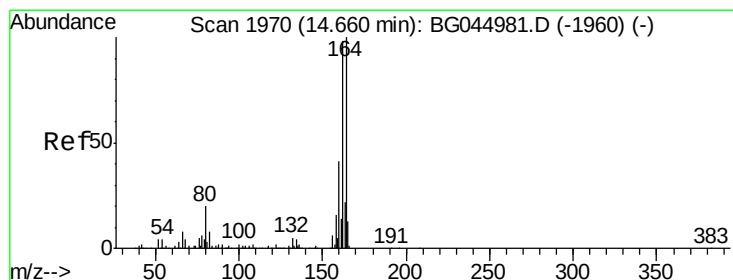
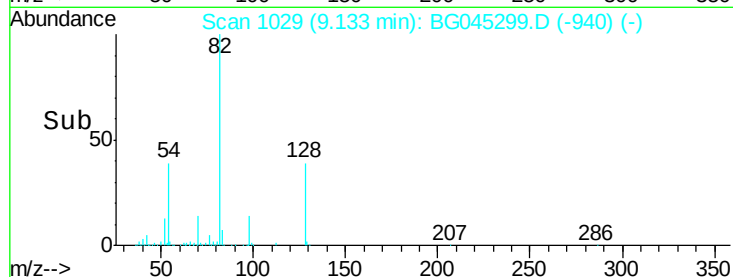
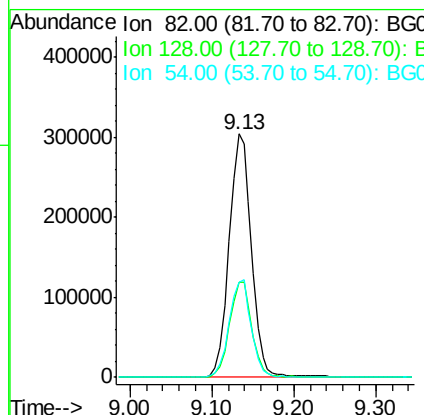
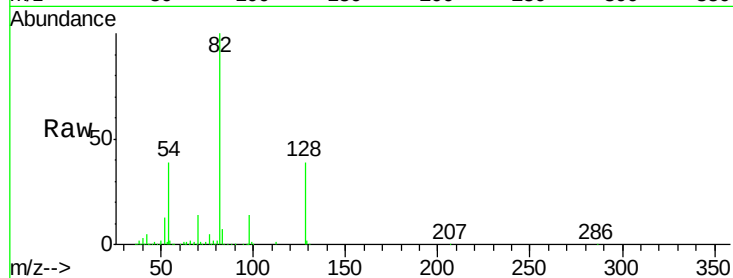




#23  
 Nitrobenzene-d5  
 Concen: 100.36 ng  
 RT: 9.13 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

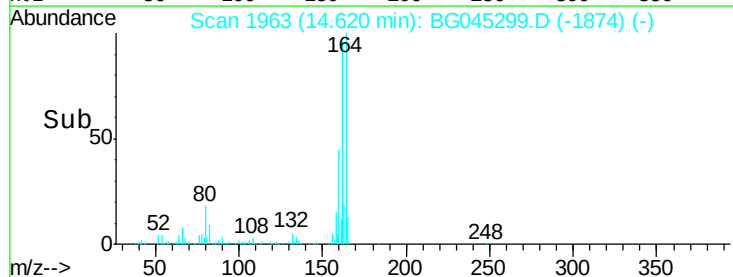
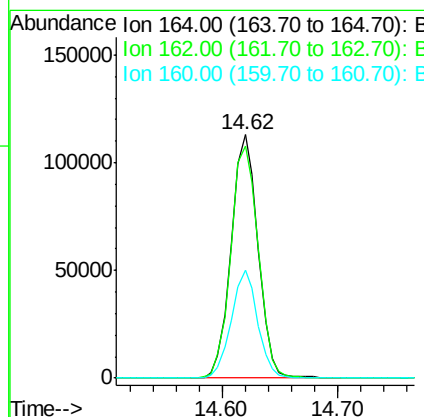
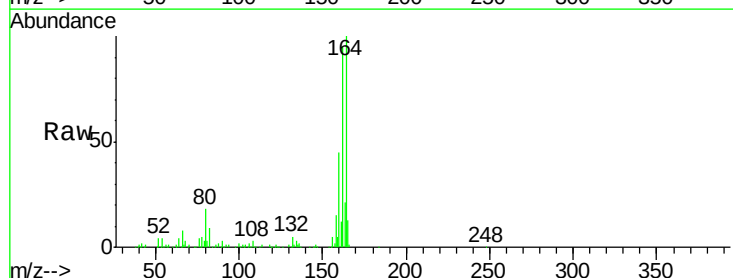
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-050720

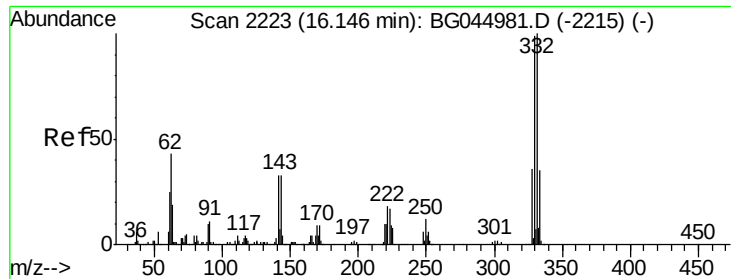
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.3  | 33.0  | 49.4  |
| 54      | 39.2  | 30.4  | 45.6  |



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.62 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 95.3  | 78.7  | 118.1 |
| 160     | 44.5  | 32.8  | 49.2  |

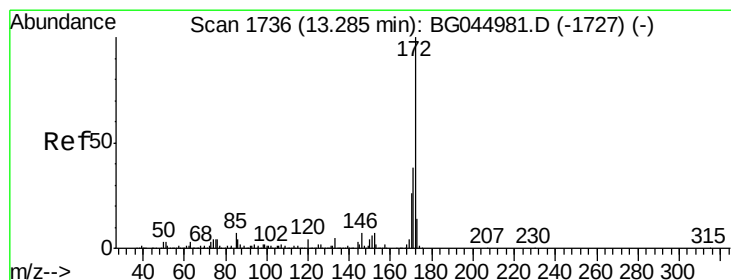
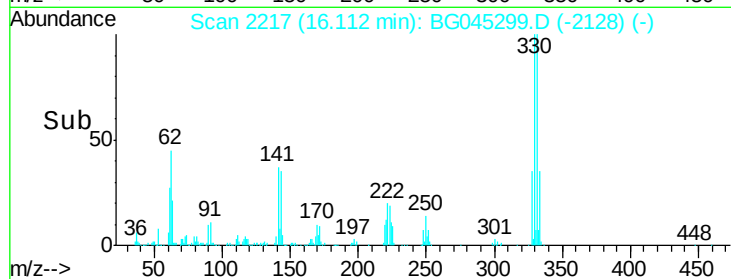
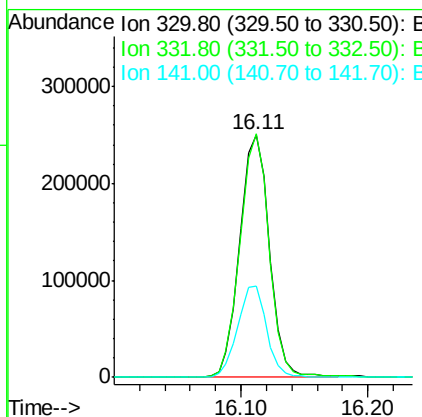
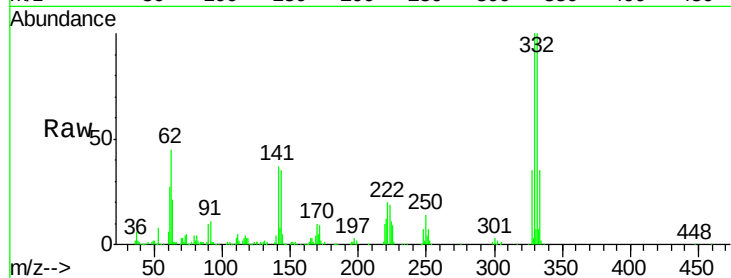




#42  
 2,4,6-Tribromophenol  
 Concen: 145.13 ng  
 RT: 16.11 min Scan# 2217  
 Delta R.T. -0.01 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

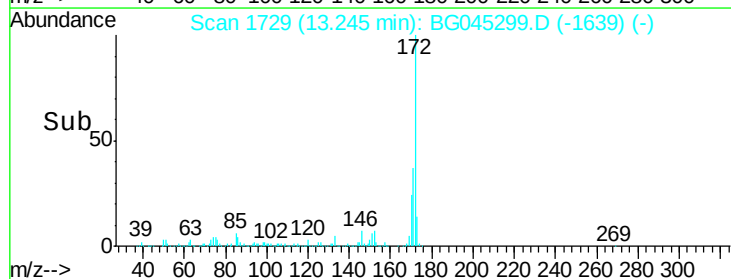
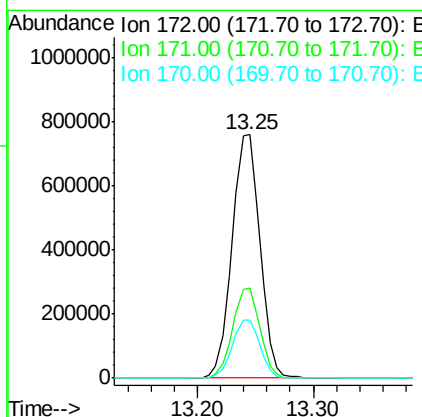
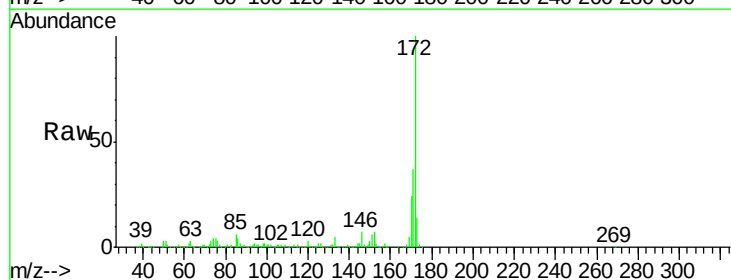
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-050720

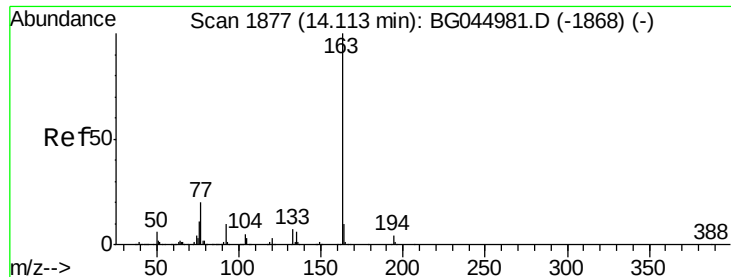
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 406157 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 99.0  | 79.1  | 118.7  |
| 141      | 36.9  | 27.1  | 40.7   |



#45  
 2-Fluorobiphenyl  
 Concen: 102.91 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1271378 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 37.1  | 30.6  | 46.0    |
| 170      | 23.8  | 20.5  | 30.7    |





#50

Dimethylphthalate

Concen: 6.51 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045299.D

Acq: 11 May 2020 16:44

Instrument :

BNA\_G

ClientSampleId :

OR-03-050720

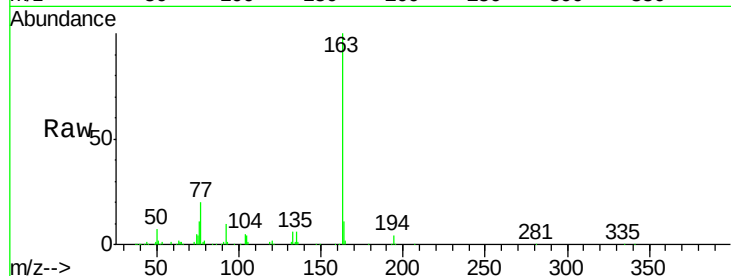
Tgt Ion:163 Resp: 96010

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

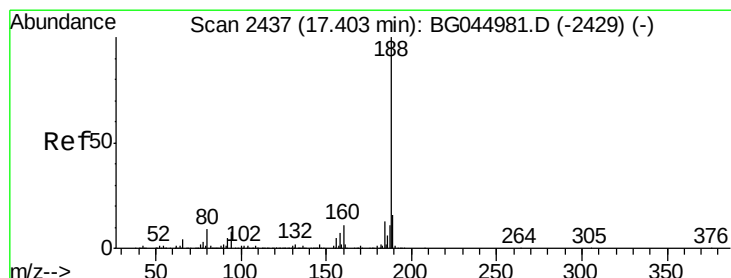
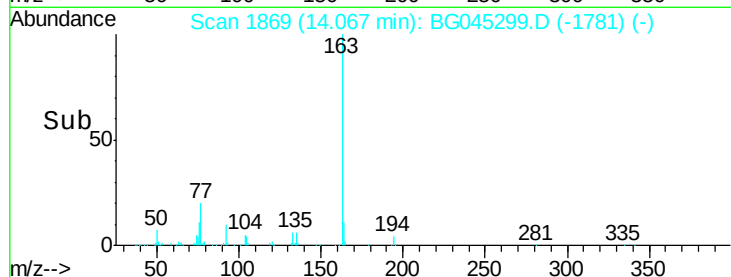
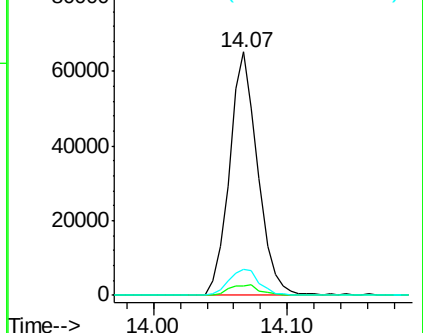
164 10.5 8.2 12.4



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: 20.00 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045299.D

Acq: 11 May 2020 16:44

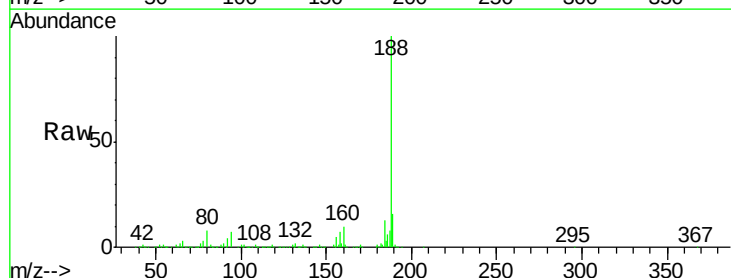
Tgt Ion:188 Resp: 426830

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

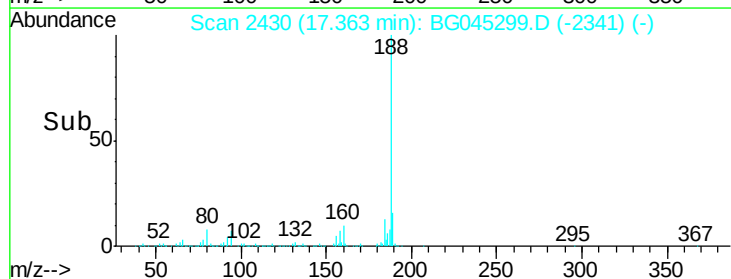
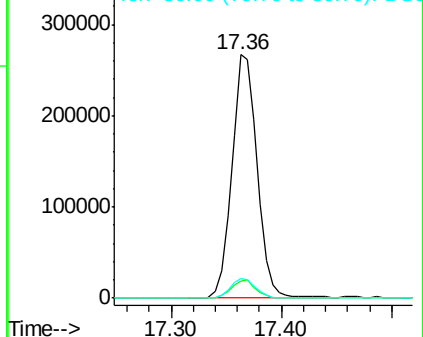
80 7.8 7.0 10.6

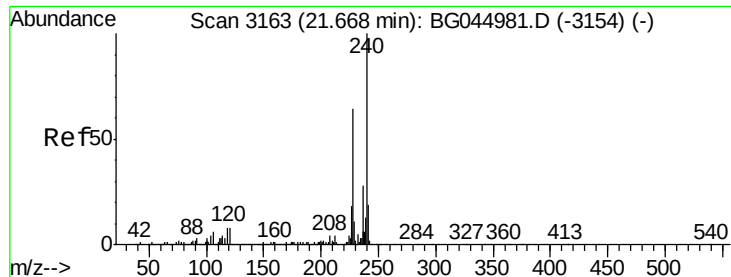


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

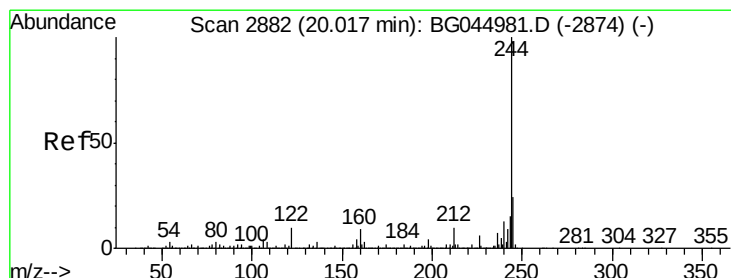
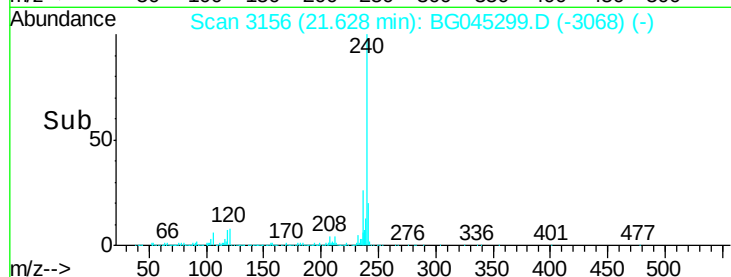
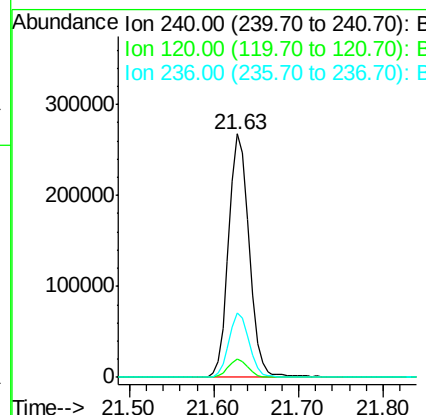
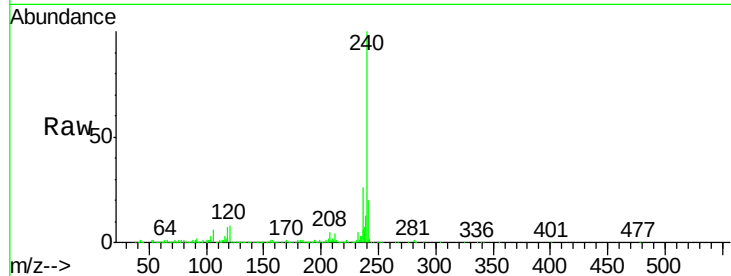




#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.63 min Scan# 3156  
 Delta R.T. -0.01 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

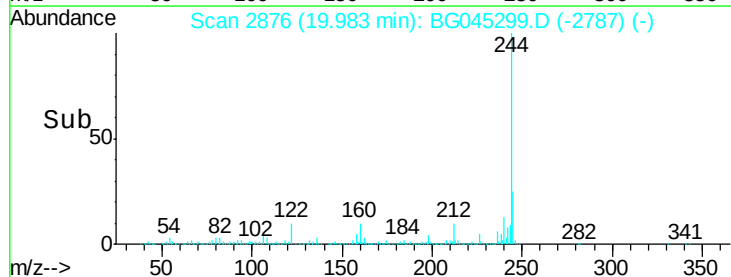
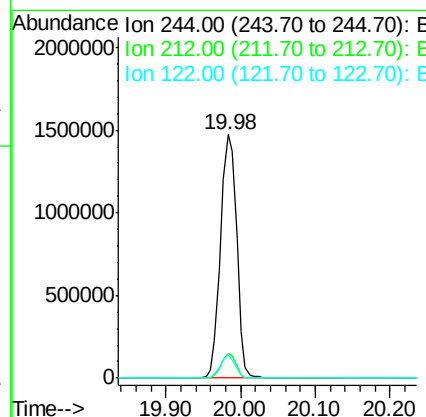
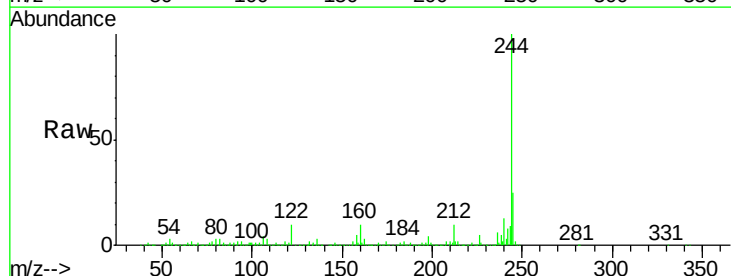
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-03-050720

Tgt Ion:240 Resp: 452126  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 6.6 10.0  
 236 26.3 22.2 33.2

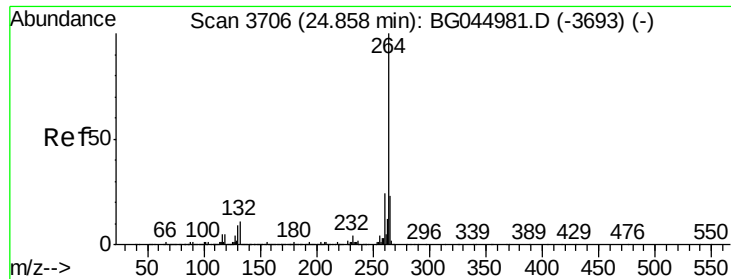


#79  
 Terphenyl-d14  
 Concen: 106.61 ng  
 RT: 19.98 min Scan# 2876  
 Delta R.T. -0.01 min  
 Lab File: BG045299.D  
 Acq: 11 May 2020 16:44

Tgt Ion:244 Resp: 2211582  
 Ion Ratio Lower Upper  
 244 100  
 212 10.0 7.9 11.9  
 122 9.6 7.7 11.5







#87  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.79 min Scan# 3695  
Delta R.T. -0.01 min  
Lab File: BG045299.D  
Acq: 11 May 2020 16:44

Instrument :  
BNA\_G  
ClientSampleId :  
OR-03-050720

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 19.2  | 28.8  |
| 265     | 23.0  | 19.0  | 28.4  |

