

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\  
 Data File : BG045869.D  
 Acq On : 26 Jun 2020 12:03  
 Operator : CG/JU  
 Sample : L3101-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EBS8-S-03

Quant Time: Jun 26 13:35:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 15:44:32 2020  
 Response via : Initial Calibration

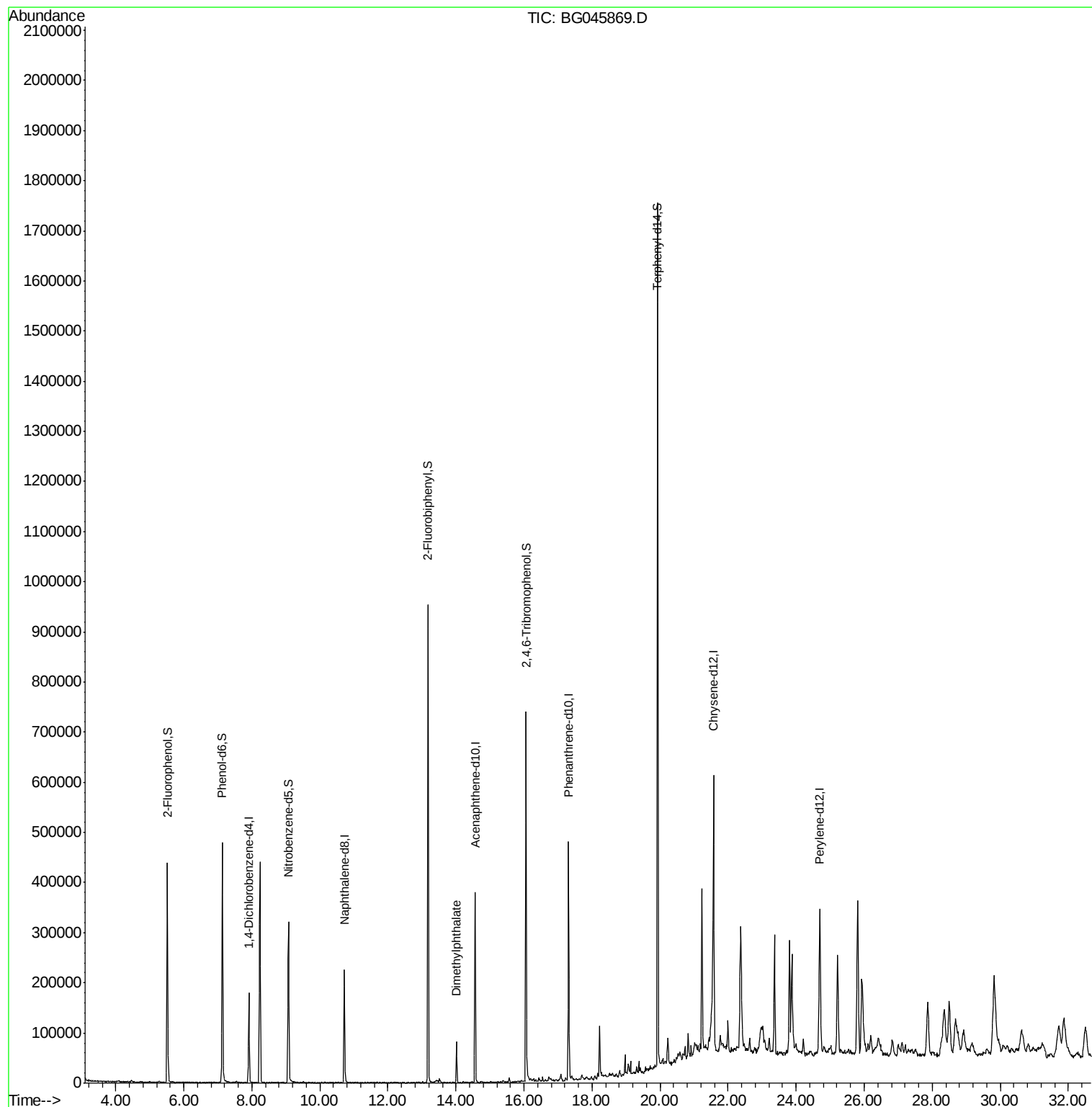
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 54460    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.72 | 136  | 205553   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.56 | 164  | 141498   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.31 | 188  | 316494   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.57 | 240  | 299308   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.69 | 264  | 312066   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 223699   | 69.39 | ng    | 0.00     |
| 7) Phenol-d6                | 7.13  | 99   | 330287   | 67.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.07  | 82   | 231173   | 51.38 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.06 | 330  | 155687   | 72.88 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.18 | 172  | 521879   | 54.20 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.93 | 244  | 852393   | 57.71 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 14.01 | 163  | 56405    | 5.088 | ng    | 97       |

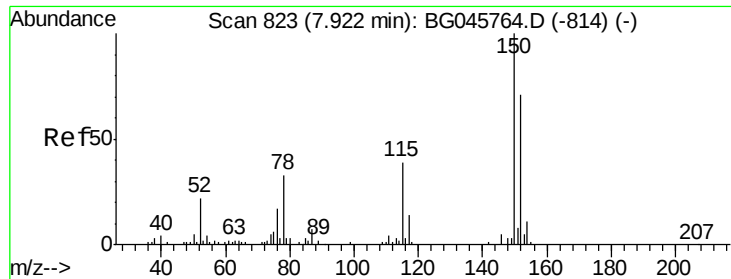
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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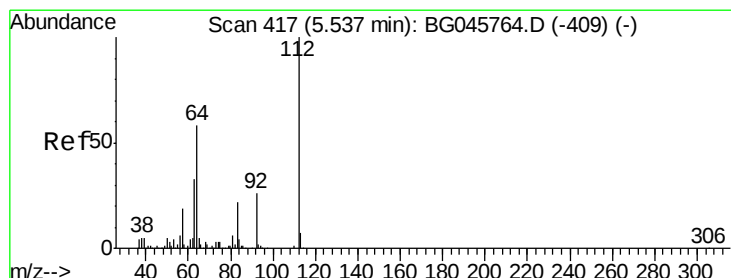
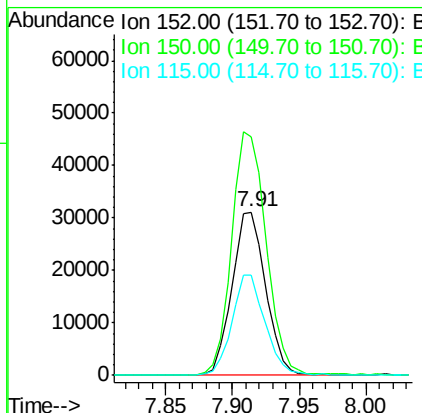
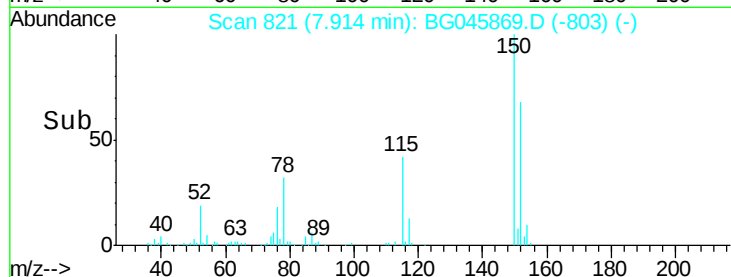
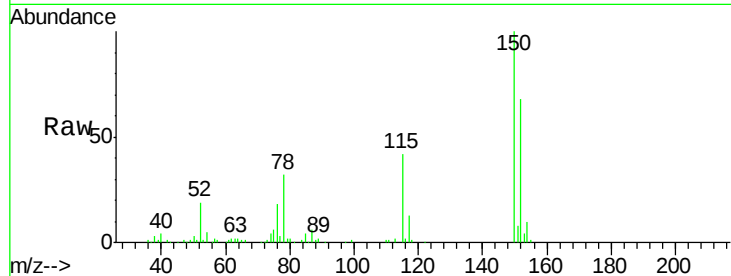


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. 0.00 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-03

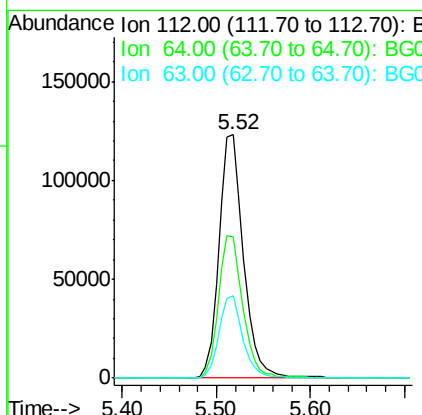
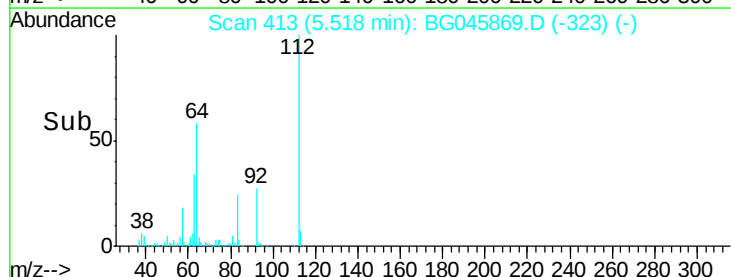
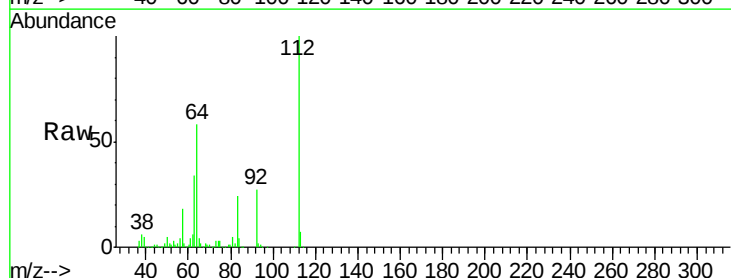
Tot Ion:152 Resp: 54460  
Ion Ratio Lower Upper  
152 100  
150 146.2 113.1 169.7  
115 61.8 43.8 65.6

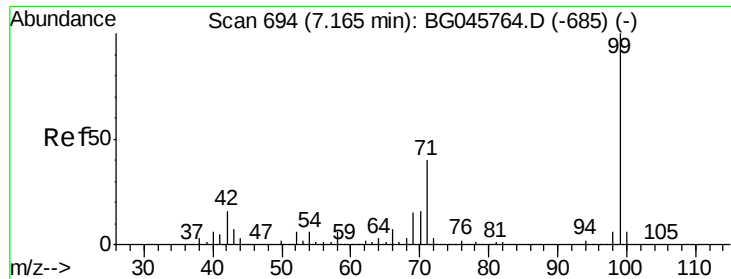


#5

2-Fluorophenol  
Concen: 69.387 ng  
RT: 5.52 min Scan# 413  
Delta R.T. -0.00 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Tgt Ion:112 Resp: 223699  
Ion Ratio Lower Upper  
112 100  
64 58.1 46.6 69.8  
63 33.8 26.3 39.5





#7

Phenol-d6

Concen: 67.352 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA\_G

ClientSampleId :

EBS8-S-03

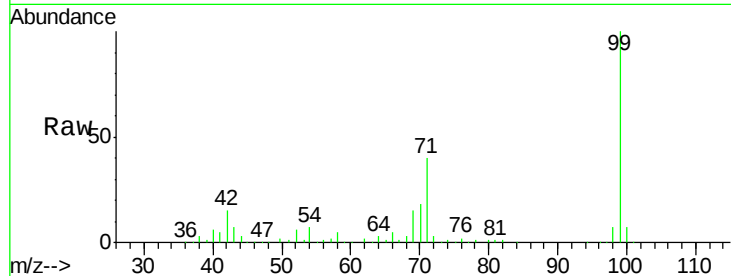
Tot Ion: 99 Resp: 330287

Ion Ratio Lower Upper

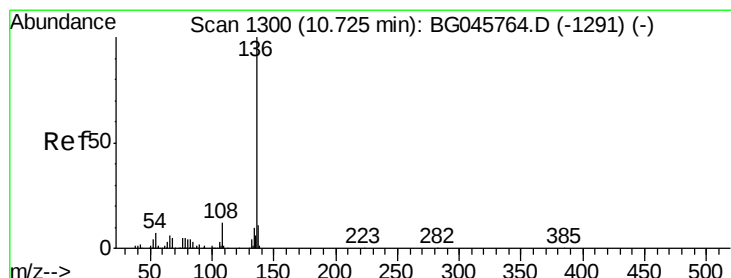
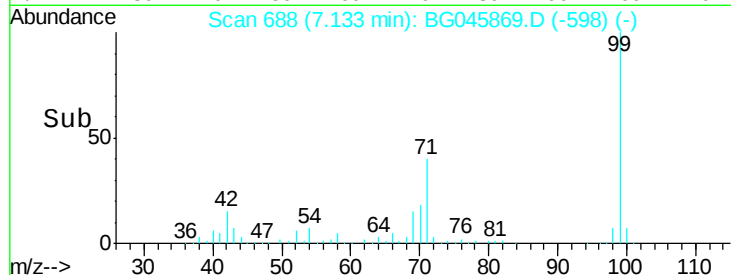
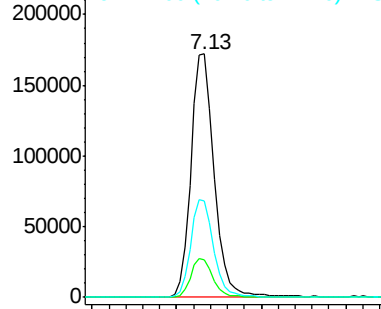
99 100

42 15.3 12.4 18.6

71 39.7 32.1 48.1



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: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Tgt Ion: 136 Resp: 205553

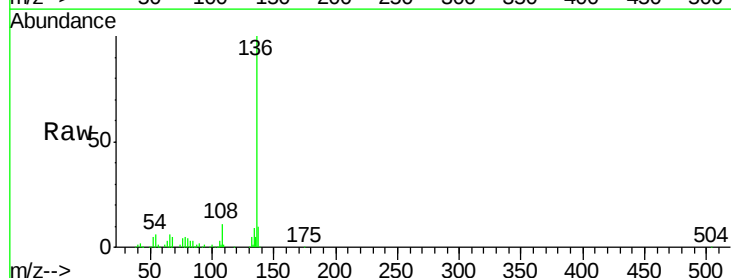
Ion Ratio Lower Upper

136 100

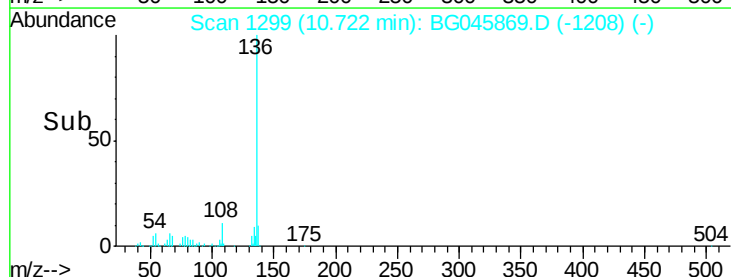
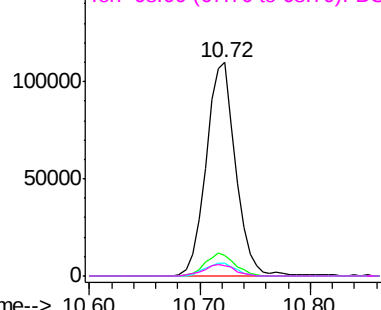
137 9.5 8.7 13.1

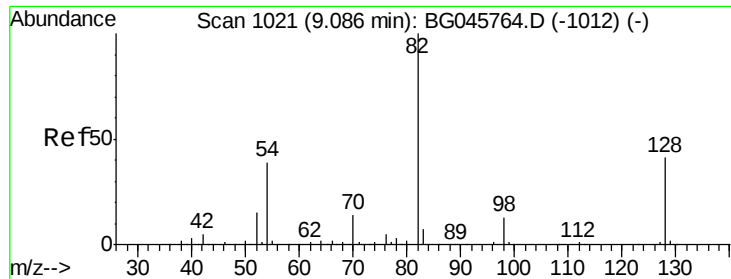
54 5.9 5.8 8.6

68 5.1 4.0 6.0



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

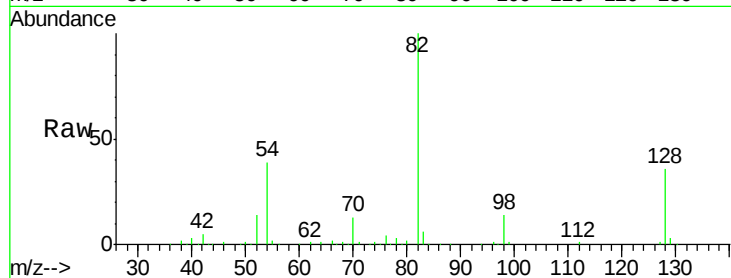




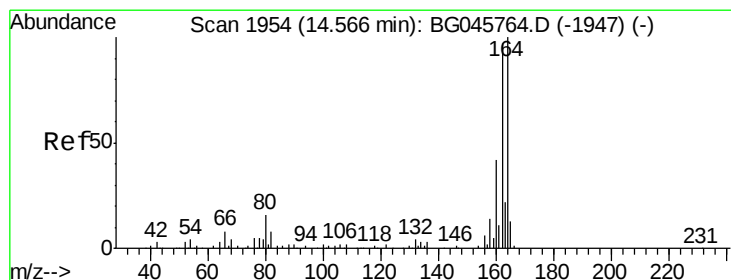
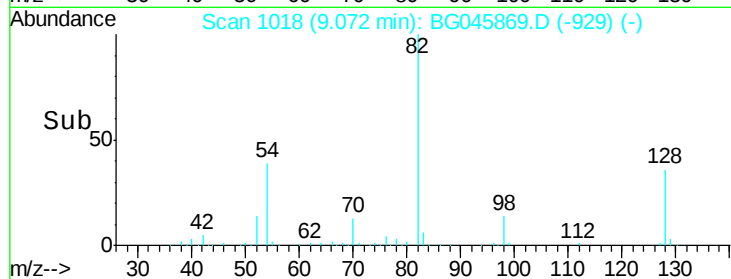
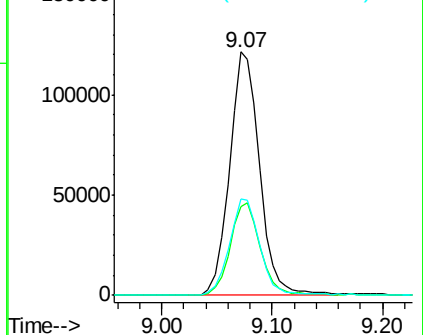
#23  
Nitrobenzene-d5  
Concen: 51.377 ng  
RT: 9.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Instrument :  
BNA\_G  
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EBS8-S-03

Tot Ion: 82 Resp: 231173  
Ion Ratio Lower Upper  
82 100  
128 36.2 32.5 48.7  
54 39.4 31.2 46.8

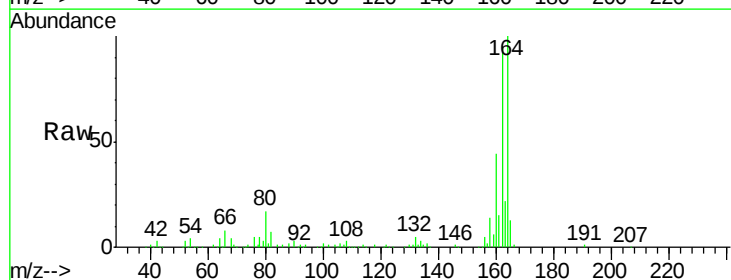


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

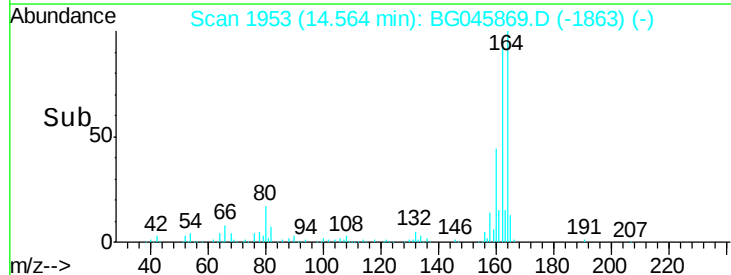
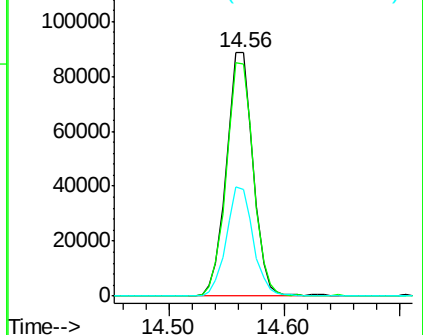


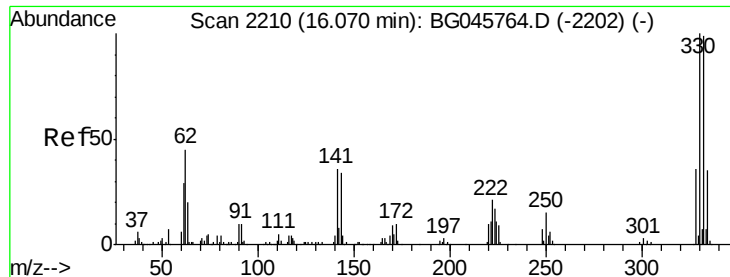
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Tgt Ion: 164 Resp: 141498  
Ion Ratio Lower Upper  
164 100  
162 95.3 77.4 116.0  
160 43.8 33.3 49.9



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: 72.879 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

Instrument :

BNA\_G

ClientSampleId :

EBS8-S-03

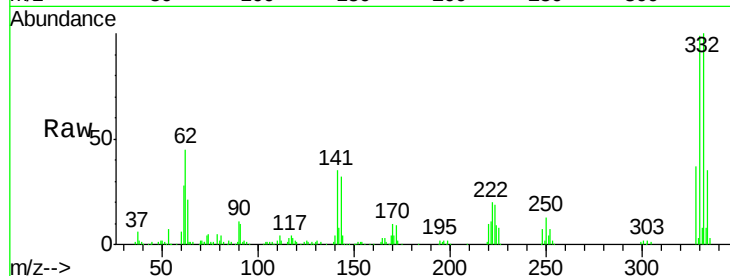
Tot Ion:330 Resp: 155687

Ion Ratio Lower Upper

330 100

332 99.9 78.6 117.8

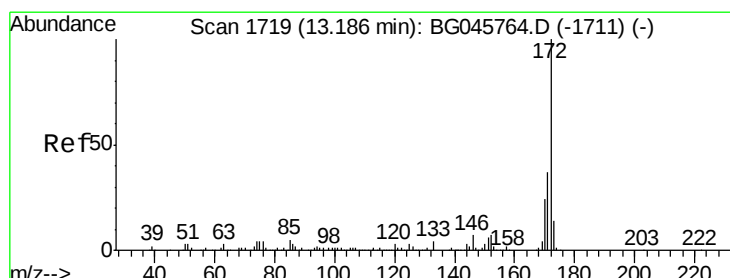
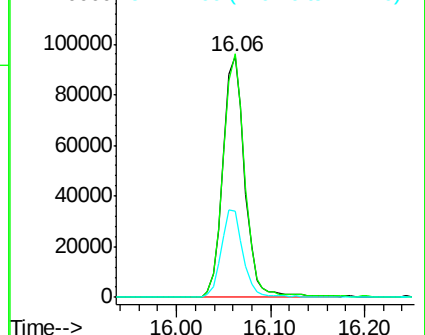
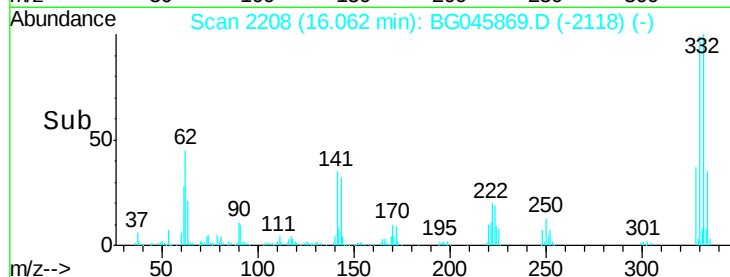
141 36.0 28.2 42.4



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: 54.201 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG045869.D

Acq: 26 Jun 2020 12:03

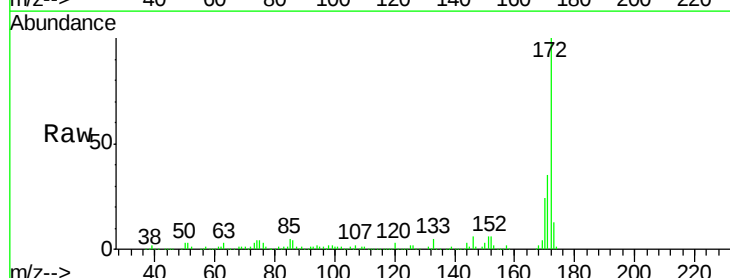
Tgt Ion:172 Resp: 521879

Ion Ratio Lower Upper

172 100

171 35.4 29.9 44.9

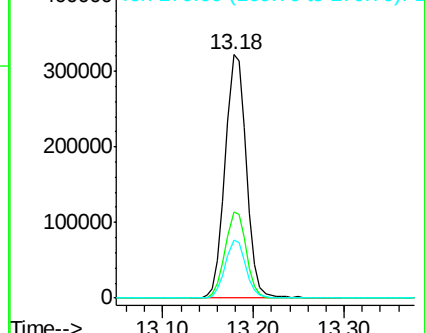
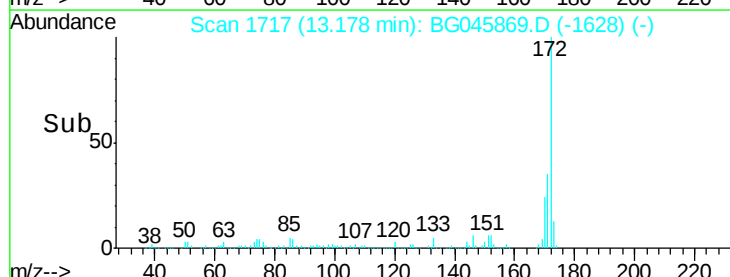
170 24.1 19.3 28.9

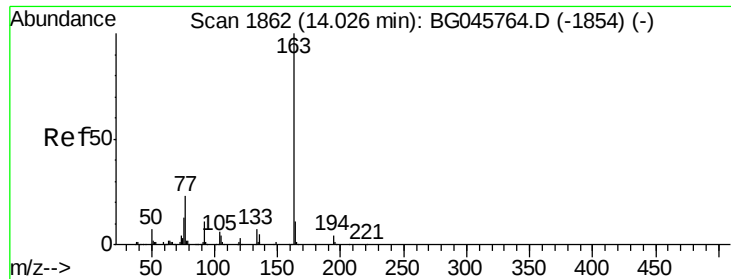


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

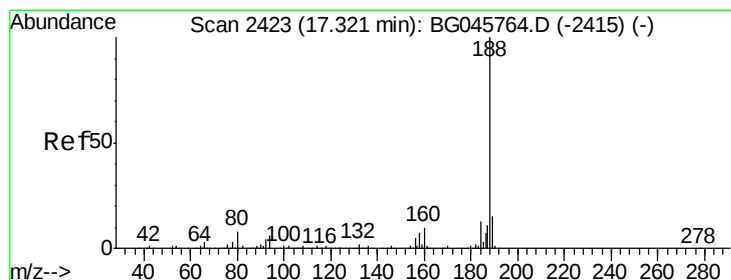
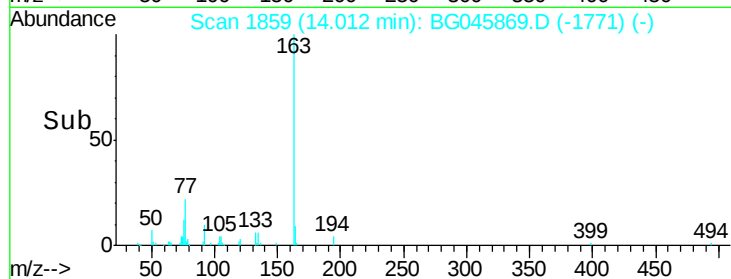
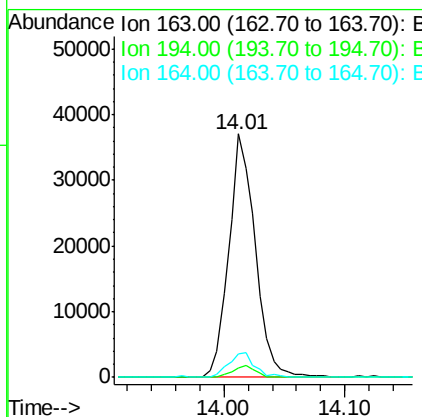
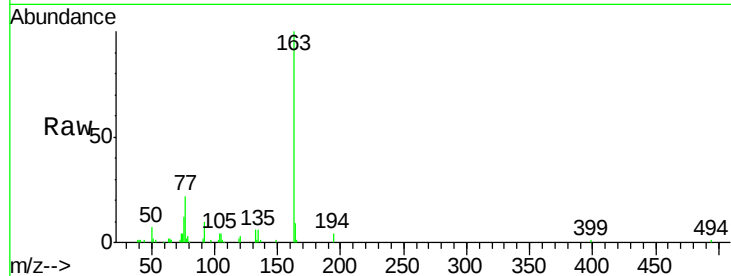




#50  
Dimethylphthalate  
Concen: 5.088 ng  
RT: 14.01 min Scan# 1859  
Delta R.T. -0.01 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

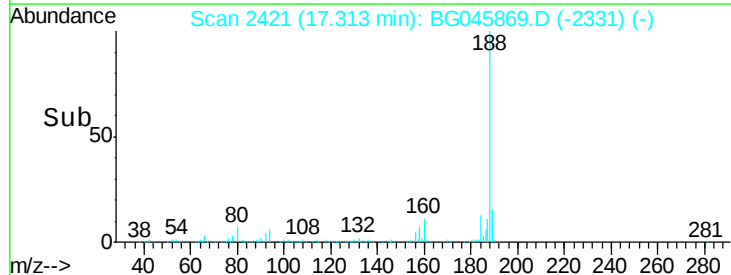
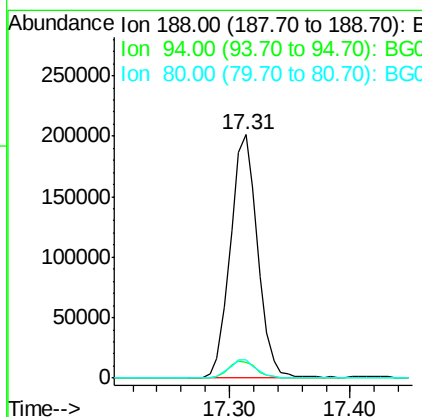
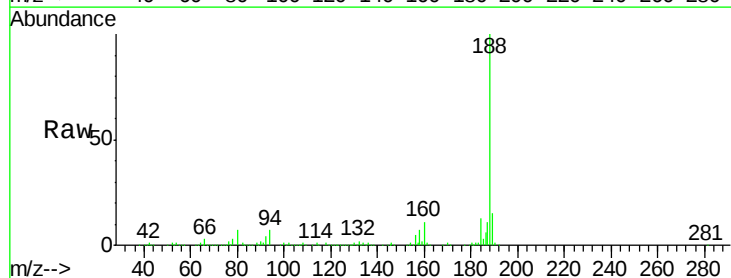
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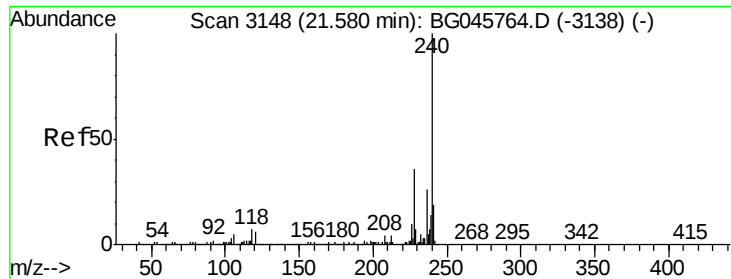
Tot Ion:163 Resp: 56405  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.4 8.9 13.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.31 min Scan# 2421  
Delta R.T. -0.00 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Tgt Ion:188 Resp: 316494  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.1 7.7  
80 7.5 6.2 9.4

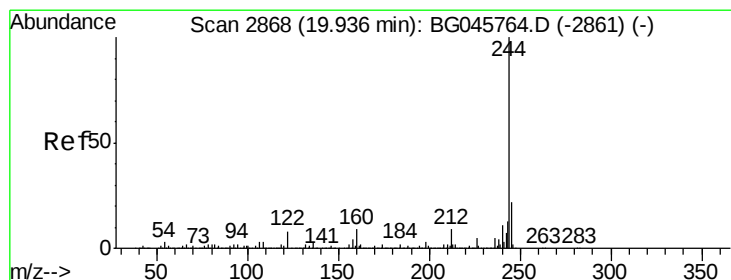
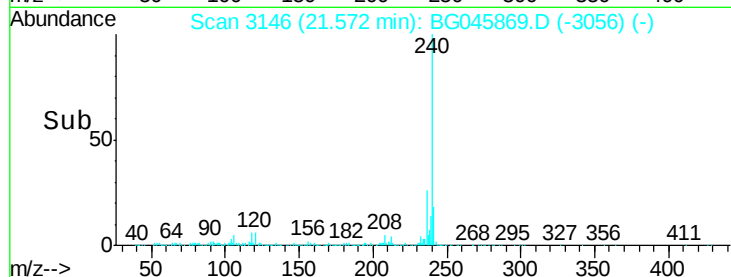
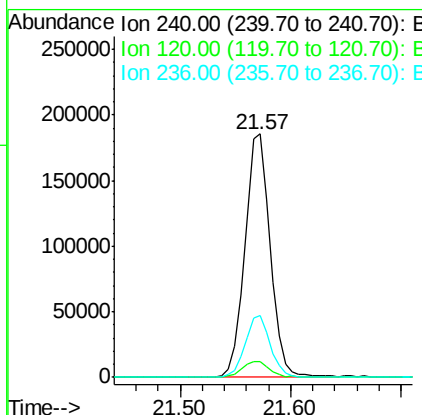
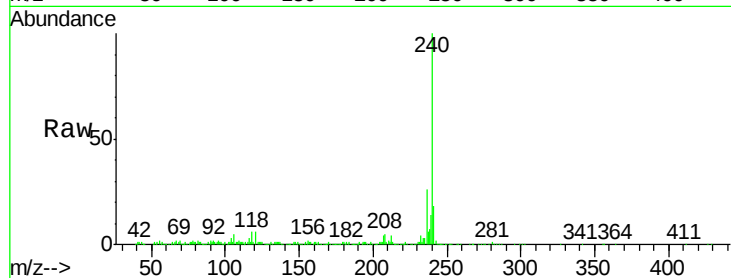




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.57 min Scan# 3146  
Delta R.T. -0.00 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

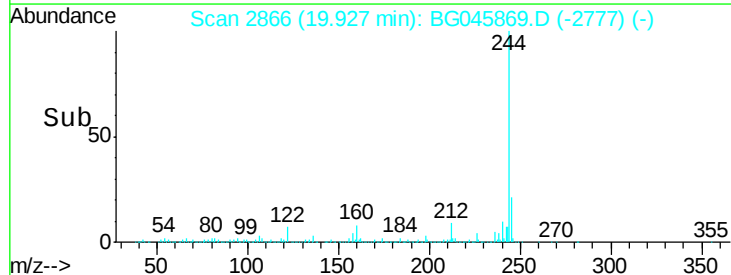
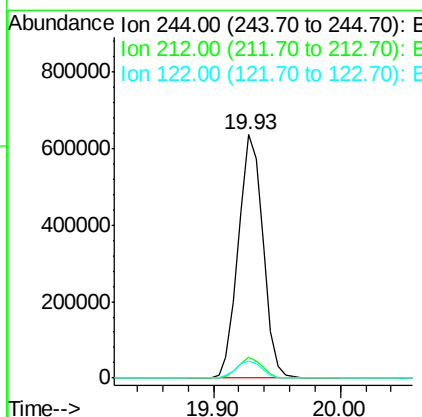
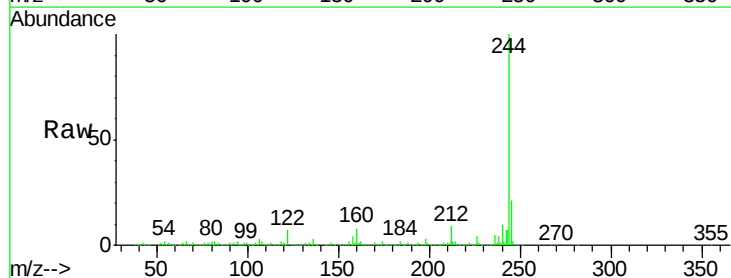
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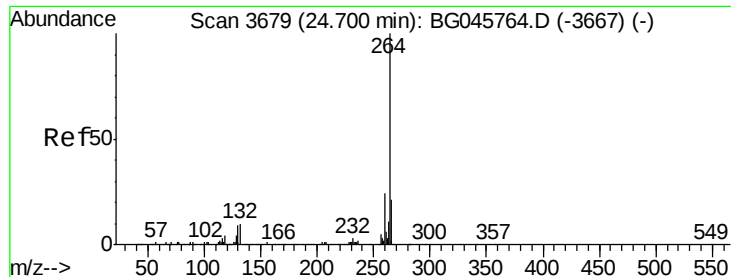
Tot Ion:240 Resp: 299308  
Ion Ratio Lower Upper  
240 100  
120 6.3 5.0 7.4  
236 25.6 20.6 30.8



#79  
Terphenyl-d14  
Concen: 57.715 ng  
RT: 19.93 min Scan# 2866  
Delta R.T. -0.01 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Tgt Ion:244 Resp: 852393  
Ion Ratio Lower Upper  
244 100  
212 8.5 7.2 10.8  
122 7.2 6.4 9.6





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.69 min Scan# 3677  
Delta R.T. -0.01 min  
Lab File: BG045869.D  
Acq: 26 Jun 2020 12:03

Instrument :  
BNA\_G  
ClientSampleId :  
EBS8-S-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 19.0  | 28.4  |
| 265     | 21.5  | 17.4  | 26.0  |

