

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\  
 Data File : BG045728.D  
 Acq On : 11 Jun 2020 19:37  
 Operator : CG/JU  
 Sample : L2817-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-061020

Quant Time: Jun 12 03:15:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

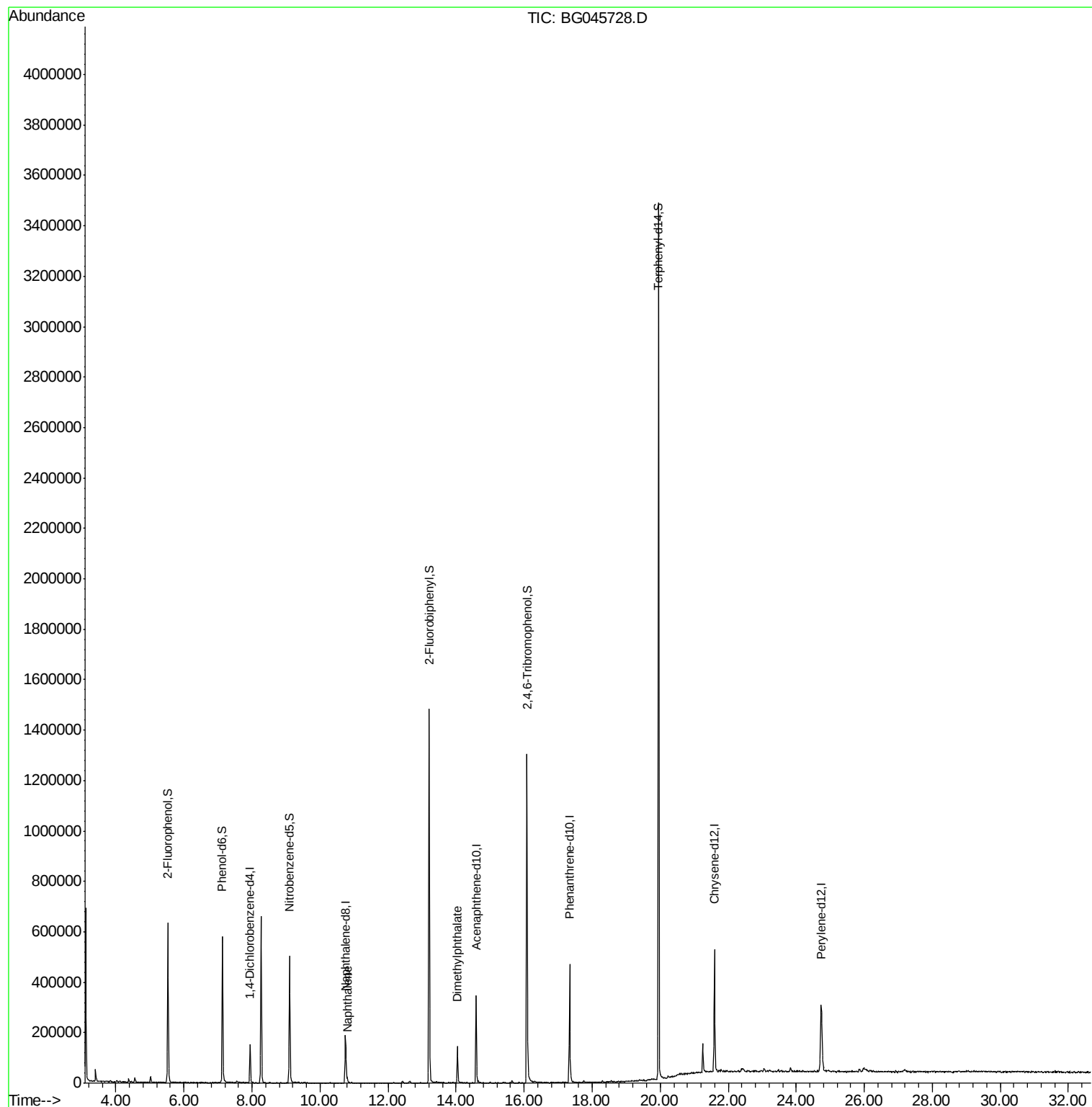
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 45206    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.75 | 136  | 174381   | 20.00  | ng    | -0.01       |
| 39) Acenaphthene-d10        | 14.59 | 164  | 129351   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 17.34 | 188  | 327824   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.59 | 240  | 326250   | 20.00  | ng    | -0.01       |
| 87) Perylene-d12            | 24.73 | 264  | 334792   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.53  | 112  | 301896   | 130.51 | ng    | -0.01       |
| 7) Phenol-d6                | 7.13  | 99   | 392685   | 119.27 | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 353001   | 110.39 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 16.08 | 330  | 279635   | 169.04 | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 13.21 | 172  | 819110   | 107.41 | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.95 | 244  | 1665130  | 119.04 | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 31) Naphthalene             | 10.80 | 128  | 19163    | 2.358  | ng    | Qvalue # 95 |
| 50) Dimethylphthalate       | 14.04 | 163  | 108801   | 12.262 | ng    | 97          |

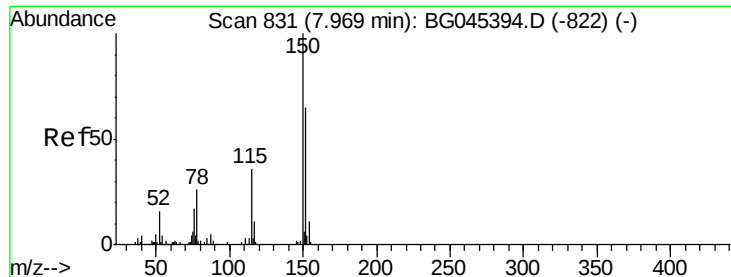
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
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SU-03-061020

Quant Time: Jun 12 03:15:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 01 15:07:00 2020  
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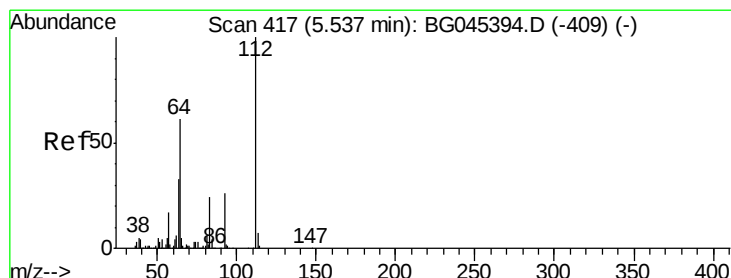
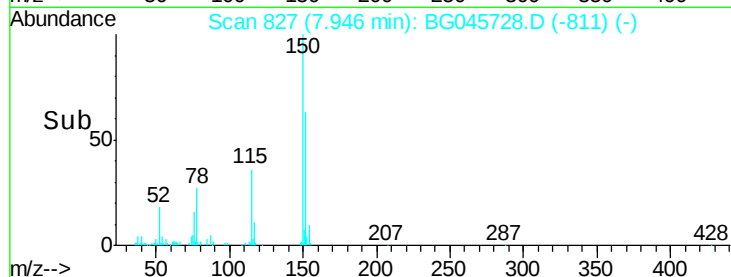
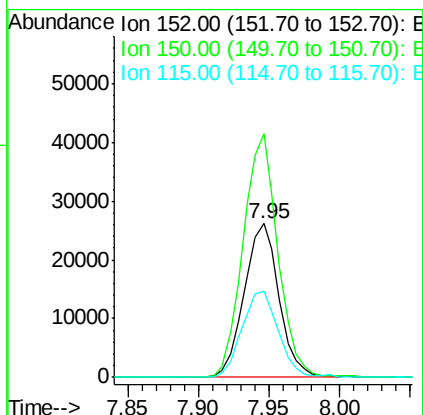
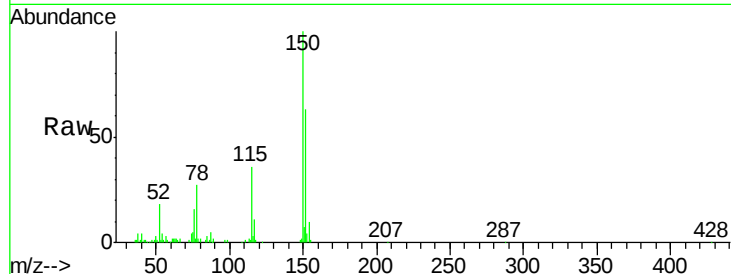


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061020

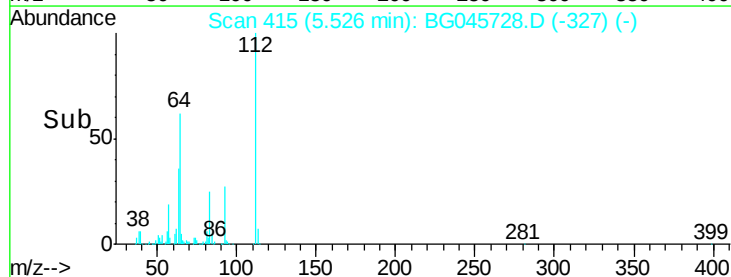
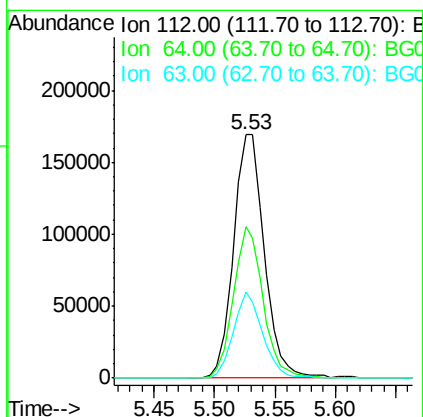
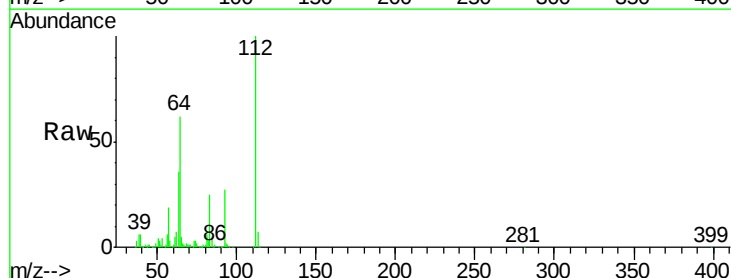
Tot Ion:152 Resp: 45206  
Ion Ratio Lower Upper  
152 100  
150 158.3 122.4 183.6  
115 56.2 44.2 66.4

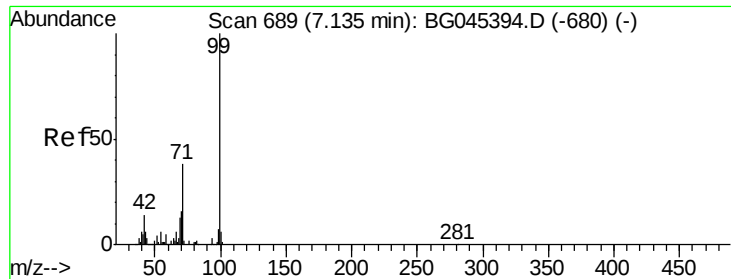


#5

2-Fluorophenol  
Concen: 130.512 ng  
RT: 5.53 min Scan# 415  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

Tgt Ion:112 Resp: 301896  
Ion Ratio Lower Upper  
112 100  
64 62.4 48.6 72.8  
63 35.6 26.5 39.7





#7

Phenol-d6

Concen: 119.273 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Instrument :

BNA\_G

ClientSampleId :

SU-03-061020

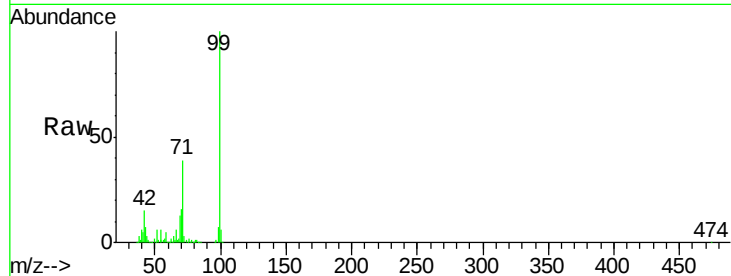
Tot Ion: 99 Resp: 392685

Ion Ratio Lower Upper

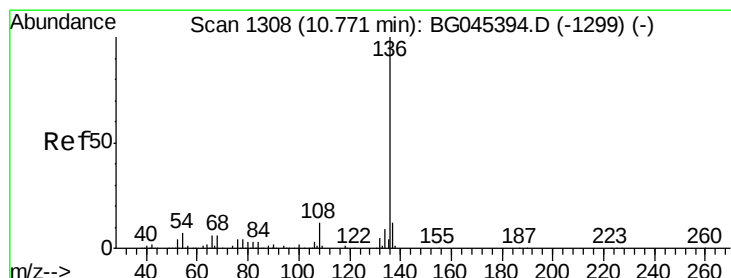
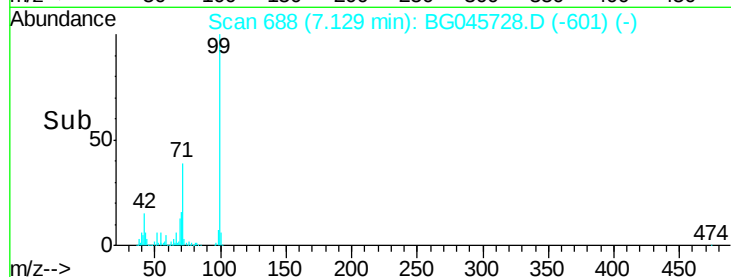
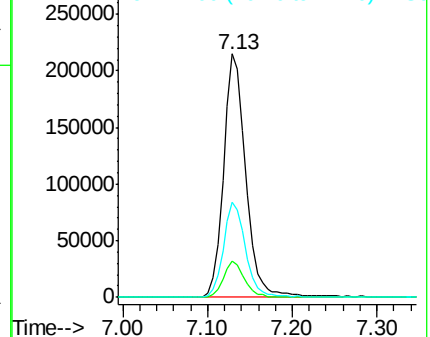
99 100

42 14.9 11.3 16.9

71 39.1 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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Tgt Ion: 136 Resp: 174381

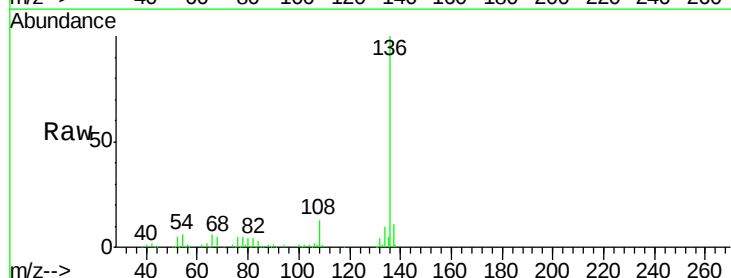
Ion Ratio Lower Upper

136 100

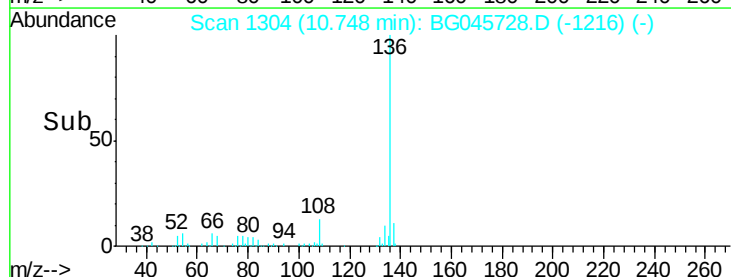
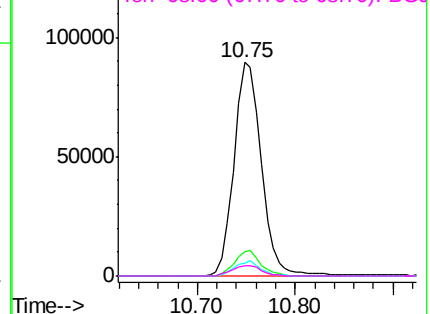
137 11.2 9.4 14.2

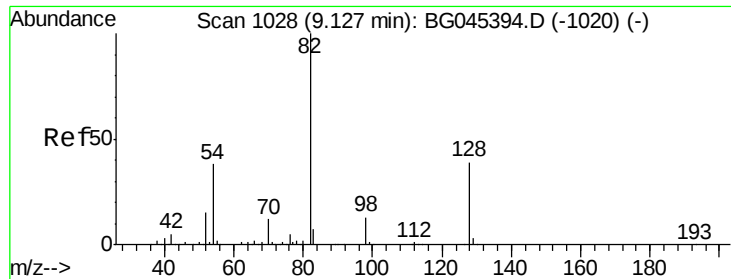
54 6.0 5.8 8.6

68 4.9 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

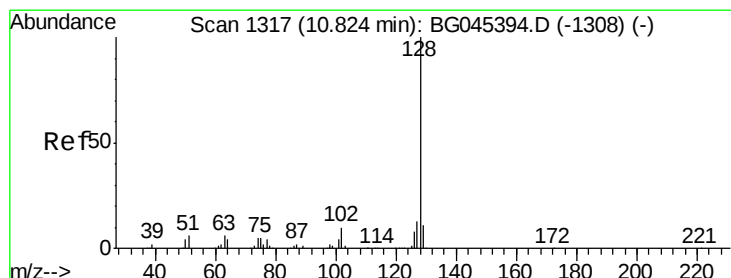
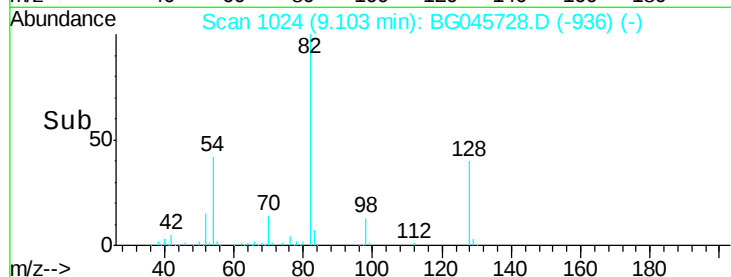
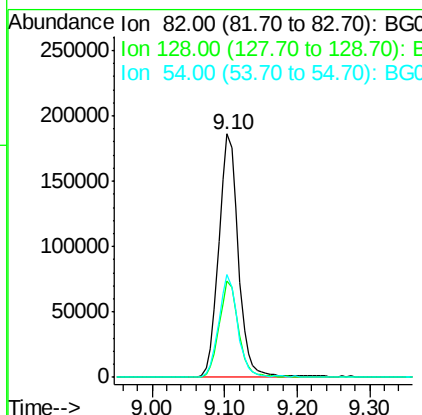
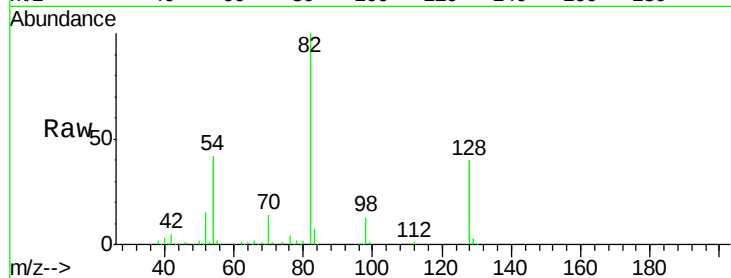




#23  
Nitrobenzene-d5  
Concen: 110.389 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

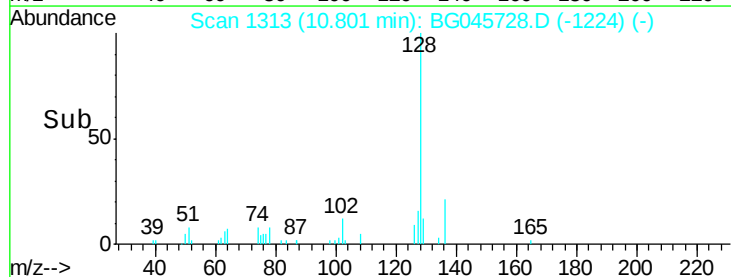
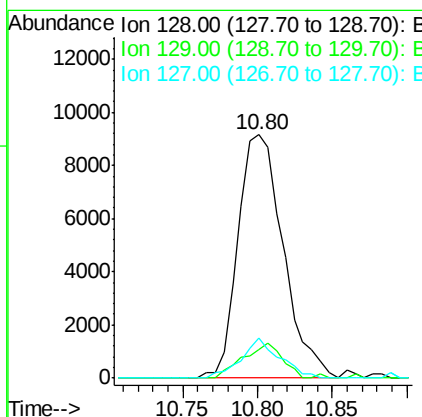
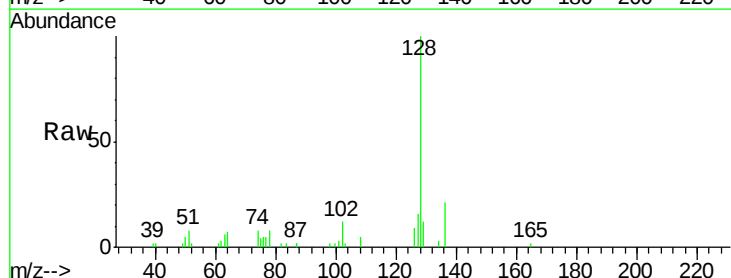
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061020

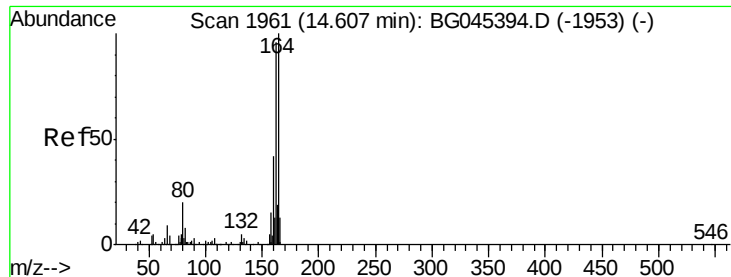
| Tot Ion   | 82    | Resp  | 353001 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.6  | 30.9  | 46.3   |
| 54        | 42.3  | 30.3  | 45.5   |



#31  
Naphthalene  
Concen: 2.358 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

| Tgt Ion   | 128   | Resp  | 19163 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.9  | 9.0   | 13.6  |
| 127       | 16.4  | 10.7  | 16.1# |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Instrument :

BNA\_G

ClientSampleId :

SU-03-061020

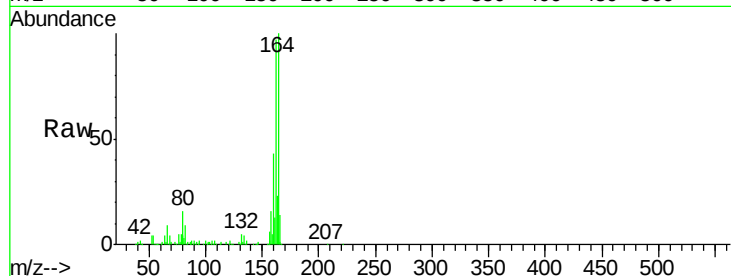
Tot Ion:164 Resp: 129351

Ion Ratio Lower Upper

164 100

162 96.6 76.9 115.3

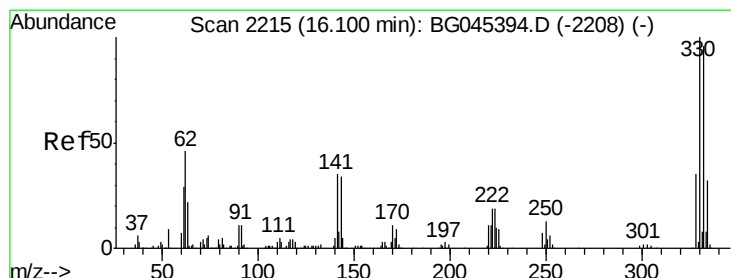
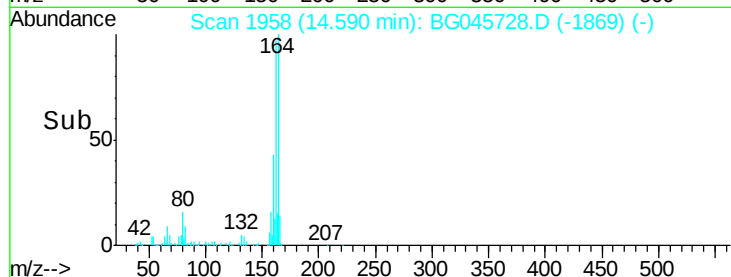
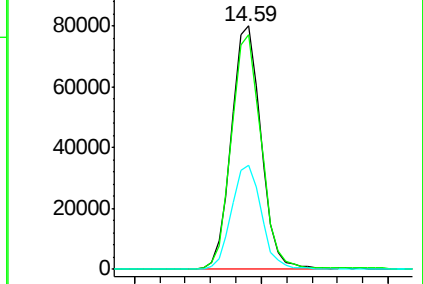
160 42.8 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 169.040 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

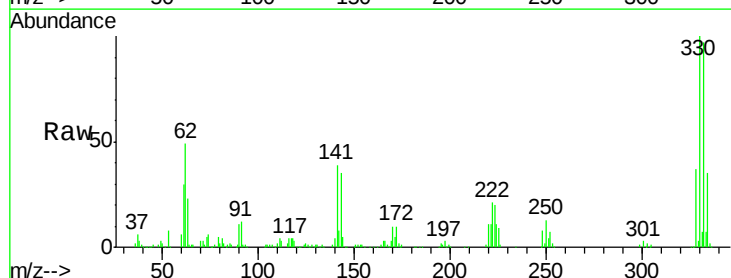
Tgt Ion:330 Resp: 279635

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

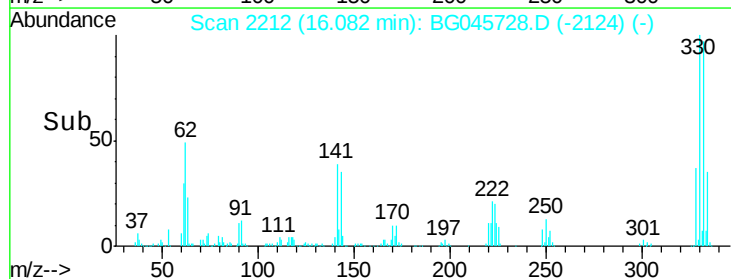
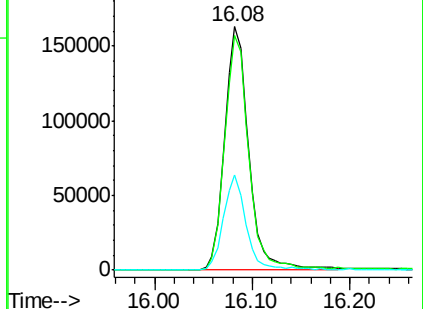
141 36.8 28.2 42.4

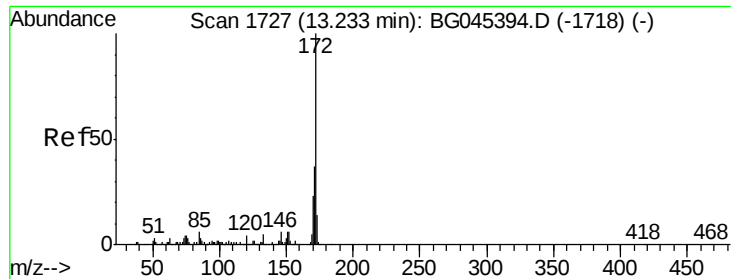


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

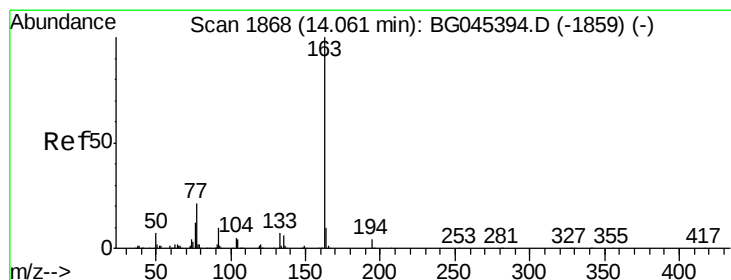
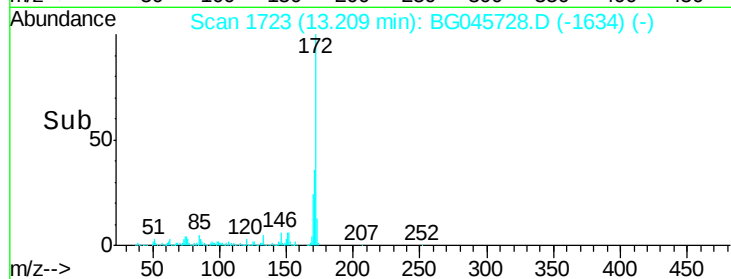
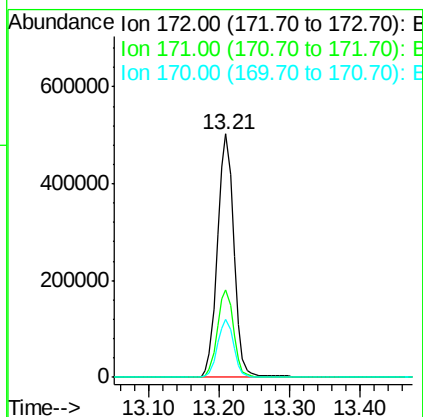
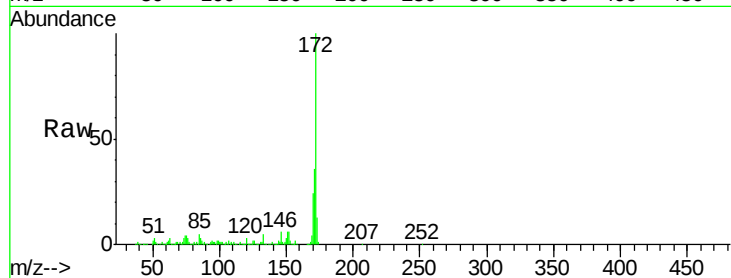




#45  
2-Fluorobiphenyl  
Concen: 107.412 ng  
RT: 13.21 min Scan# 1723  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

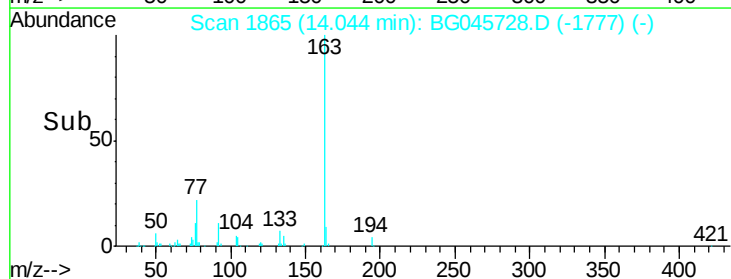
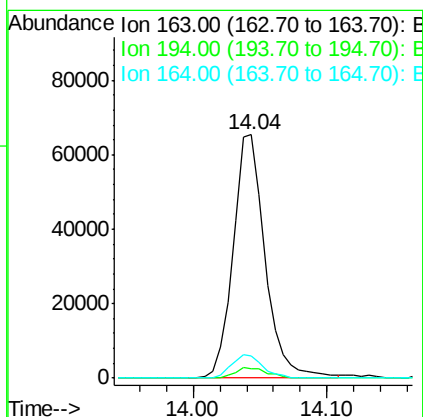
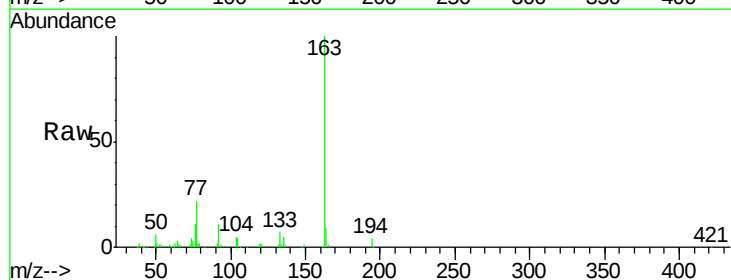
Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-061020

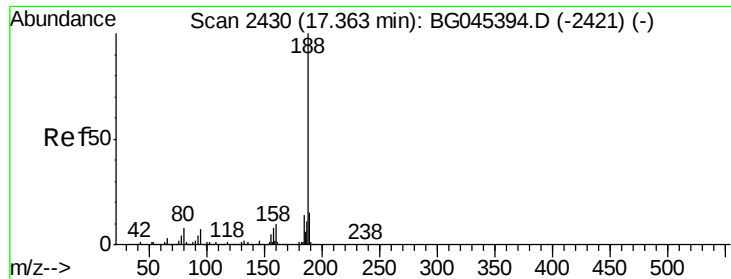
Tot Ion:172 Resp: 819110  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.5 44.3  
170 23.7 18.5 27.7



#50  
Dimethylphthalate  
Concen: 12.262 ng  
RT: 14.04 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BG045728.D  
Acq: 11 Jun 2020 19:37

Tgt Ion:163 Resp: 108801  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.2 4.8  
164 9.1 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Instrument :

BNA\_G

ClientSampleId :

SU-03-061020

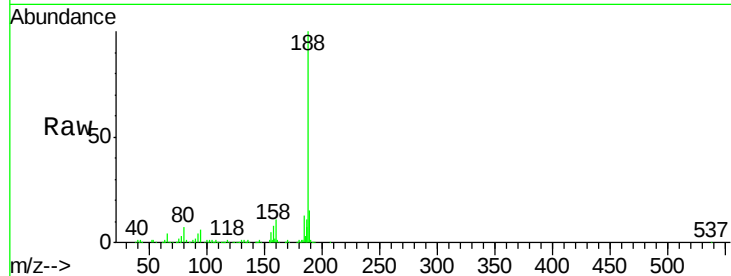
Tot Ion:188 Resp: 327824

Ion Ratio Lower Upper

188 100

94 5.8 5.5 8.3

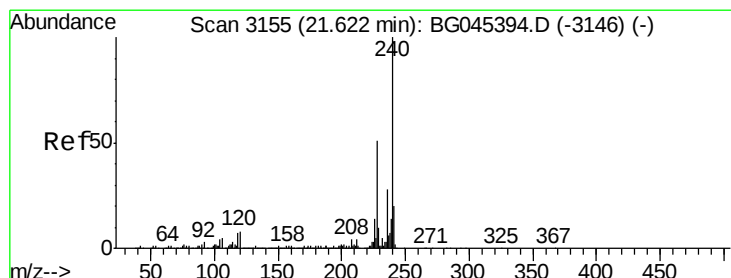
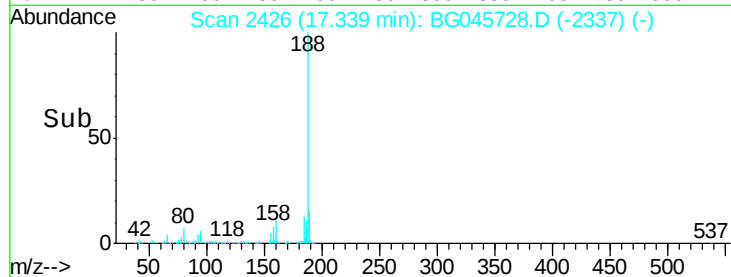
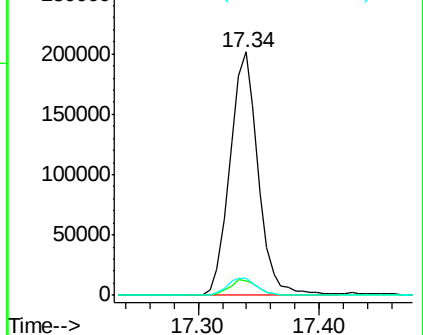
80 7.2 6.6 10.0



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: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

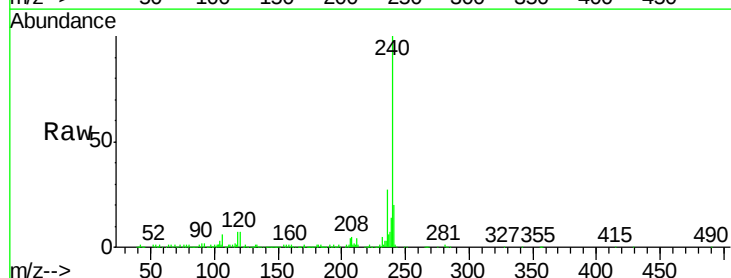
Tgt Ion:240 Resp: 326250

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

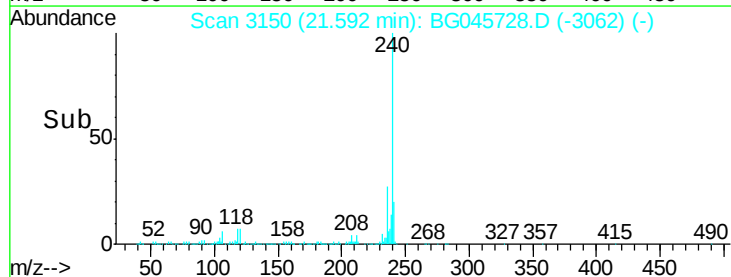
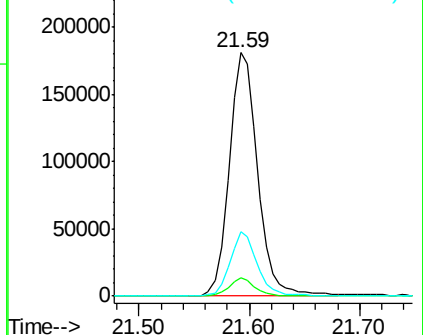
236 26.6 22.3 33.5

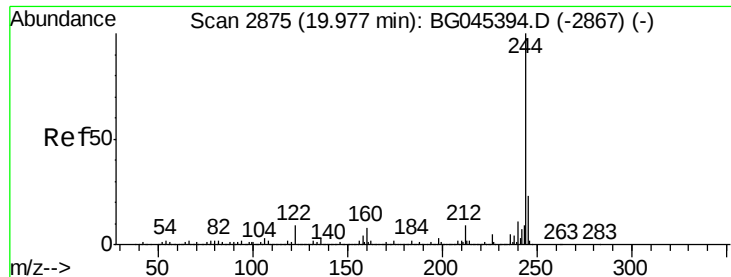


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 119.037 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Instrument :

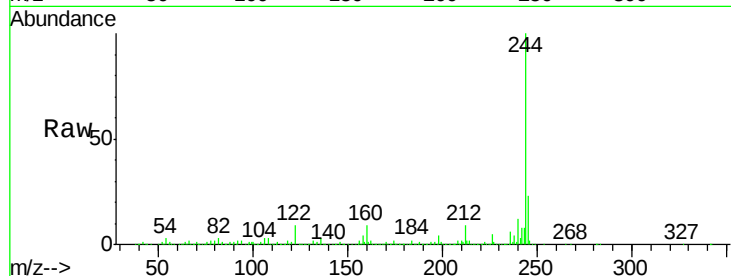
BNA\_G

ClientSampleId :

SU-03-061020

Tot Ion:244 Resp: 1665130

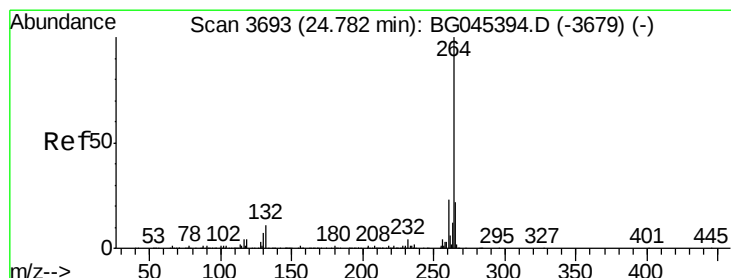
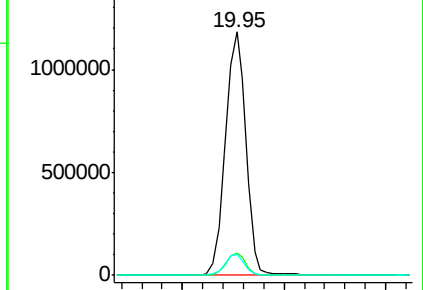
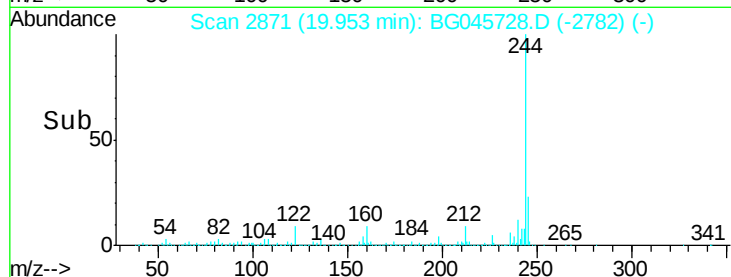
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.4   | 7.4   | 11.0  |
| 122 | 8.6   | 6.8   | 10.2  |



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3685

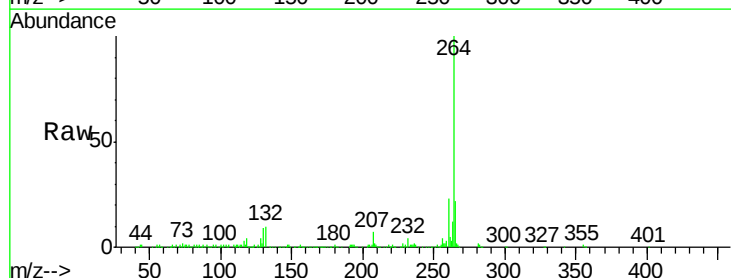
Delta R.T. -0.02 min

Lab File: BG045728.D

Acq: 11 Jun 2020 19:37

Tgt Ion:264 Resp: 334792

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 18.2  | 27.4  |
| 265 | 21.8  | 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

