

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\  
 Data File : BG046045.D  
 Acq On : 14 Jul 2020 23:10  
 Operator : CG/JU  
 Sample : L3283-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1

Quant Time: Jul 15 05:23:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 10:58:53 2020  
 Response via : Initial Calibration

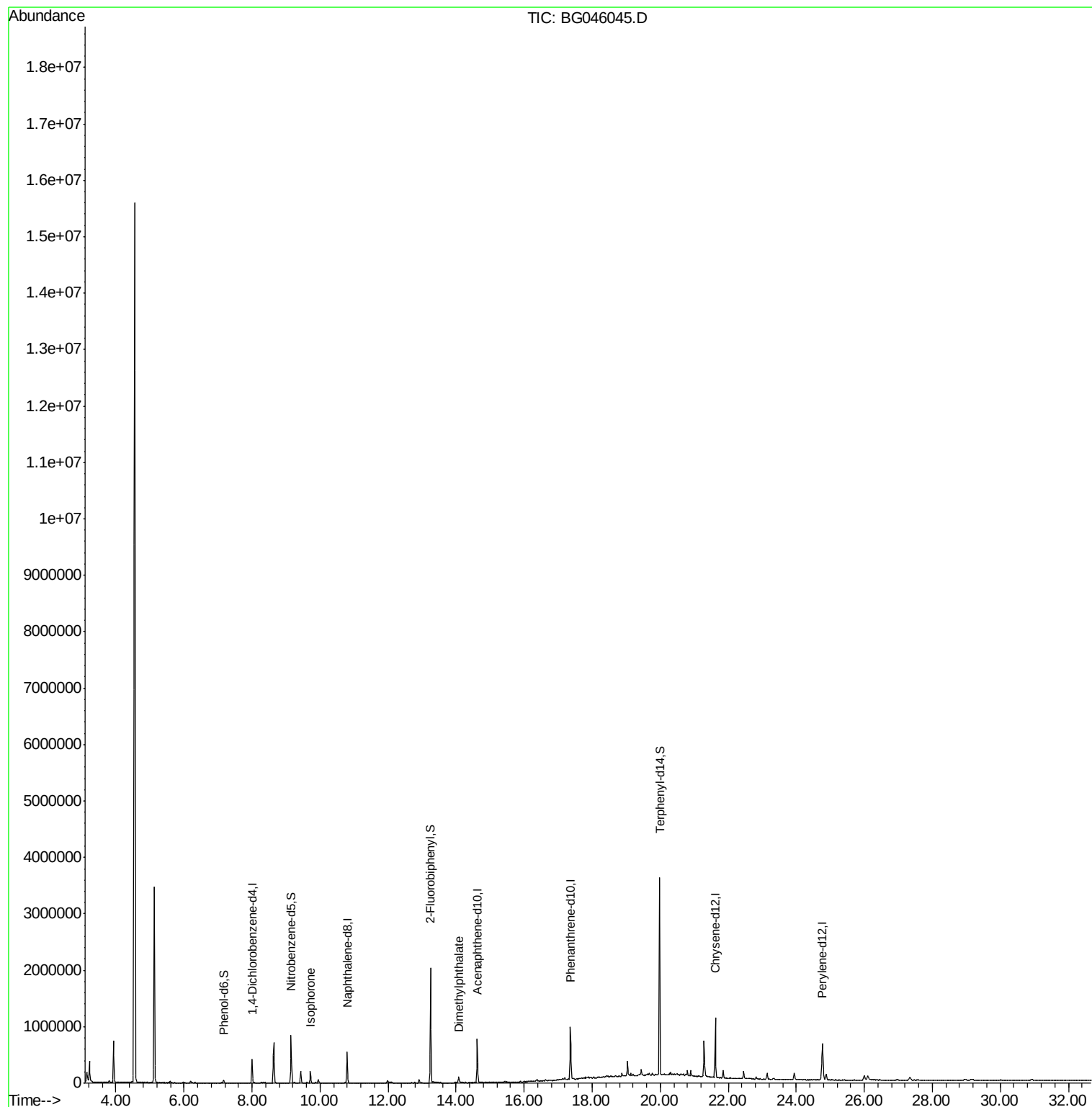
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.00  | 152  | 117924   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.80 | 136  | 460874   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.62 | 164  | 274912   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.36 | 188  | 588411   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.62 | 240  | 594391   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.77 | 264  | 602011   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.59  | 112  | 10217    | 1.41  | ng    | 0.00     |
| 7) Phenol-d6                | 7.16  | 99   | 31255    | 2.99  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 544510   | 68.00 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.10 | 330  | 227      | 0.09  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 1020769  | 57.92 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.98 | 244  | 1383609  | 51.80 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 25) Isophorone              | 9.72  | 82   | 167062   | 8.547 | ng    | 98       |
| 50) Dimethylphthalate       | 14.08 | 163  | 64810    | 3.141 | ng    | 96       |

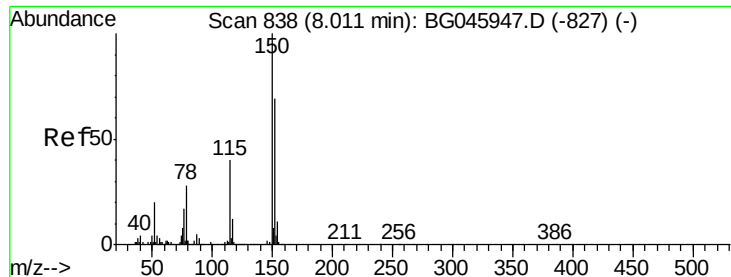
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\  
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
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T-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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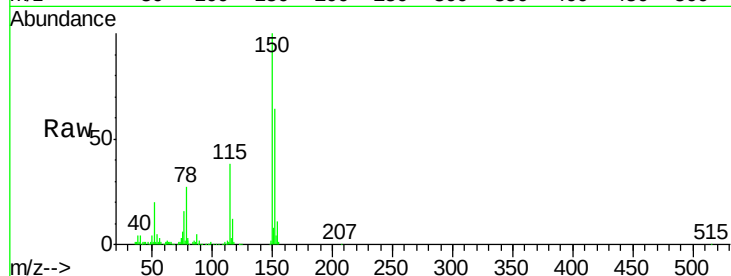


#1

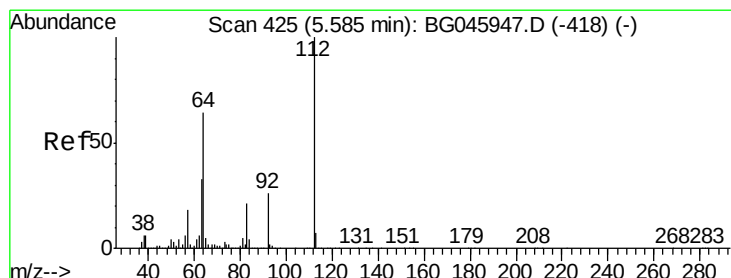
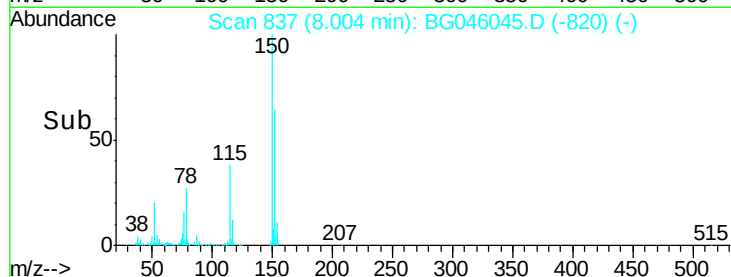
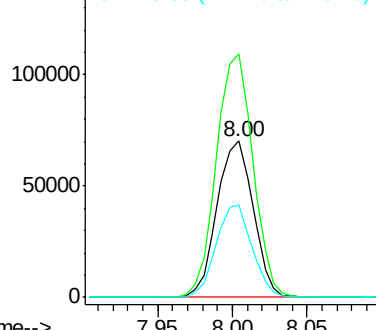
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG046045.D  
Acq: 14 Jul 2020 23:10

Instrument :  
BNA\_G  
ClientSampleId :  
T-1

Tot Ion:152 Resp: 117924  
Ion Ratio Lower Upper  
152 100  
150 155.7 116.7 175.1  
115 58.8 47.4 71.0



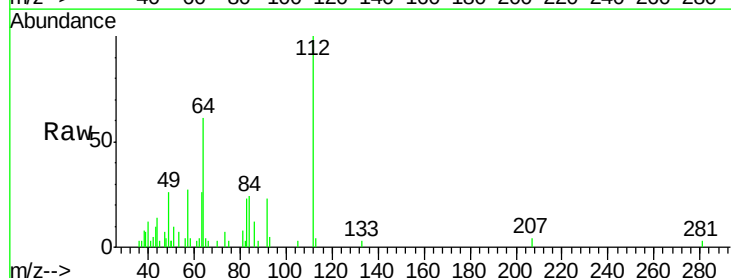
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



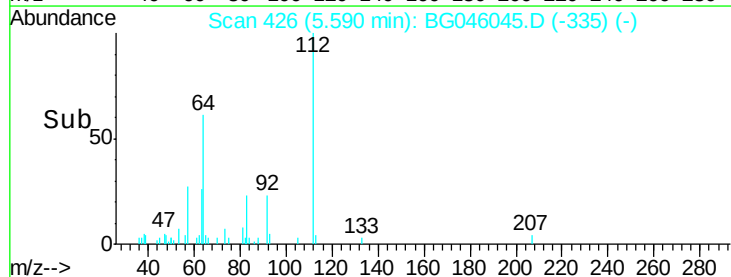
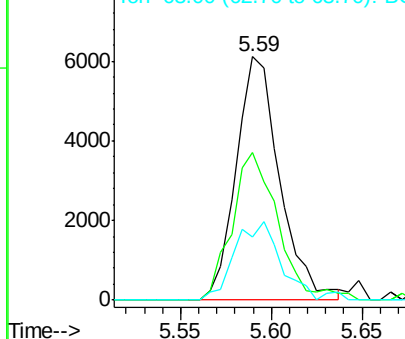
#5

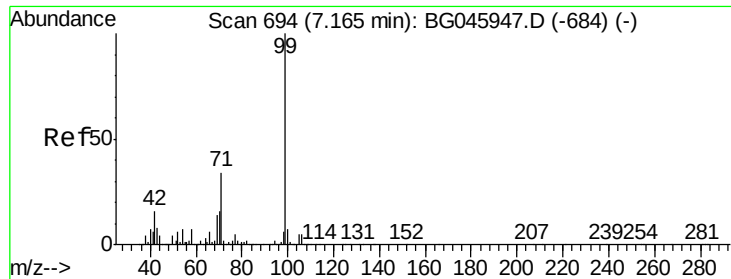
2-Fluorophenol  
Concen: 1.405 ng  
RT: 5.59 min Scan# 426  
Delta R.T. 0.00 min  
Lab File: BG046045.D  
Acq: 14 Jul 2020 23:10

Tgt Ion:112 Resp: 10217  
Ion Ratio Lower Upper  
112 100  
64 60.8 51.4 77.2  
63 25.8 26.6 40.0#



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: 2.985 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

Instrument :

BNA\_G

ClientSampleId :

T-1

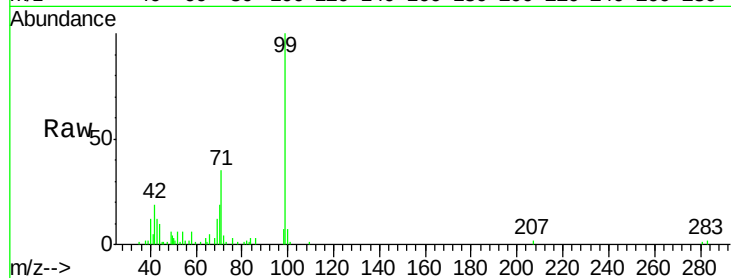
Tot Ion: 99 Resp: 31255

Ion Ratio Lower Upper

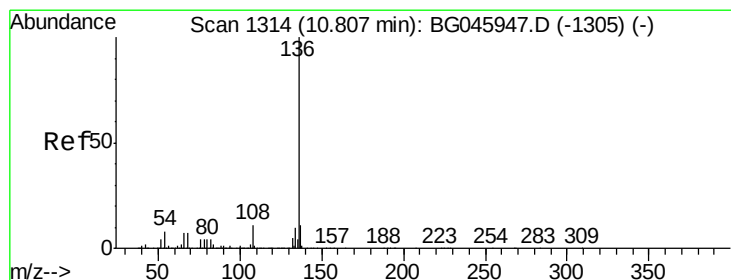
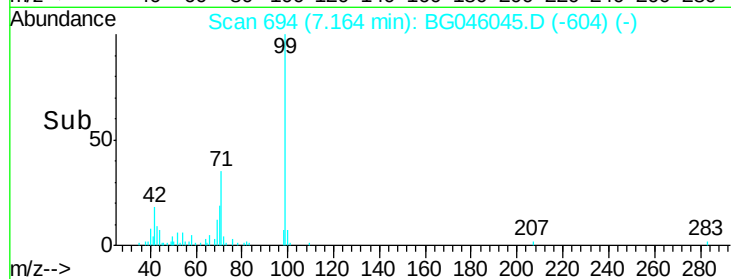
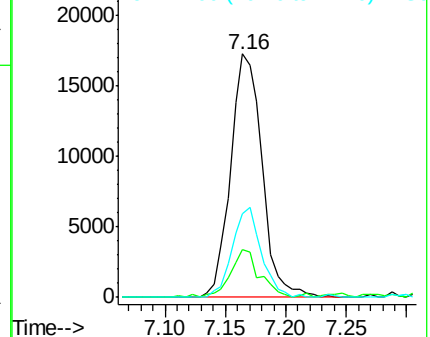
99 100

42 19.4 13.0 19.4

71 34.6 27.5 41.3



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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

Tgt Ion: 136 Resp: 460874

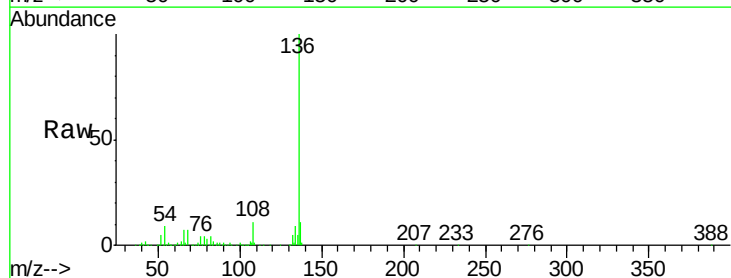
Ion Ratio Lower Upper

136 100

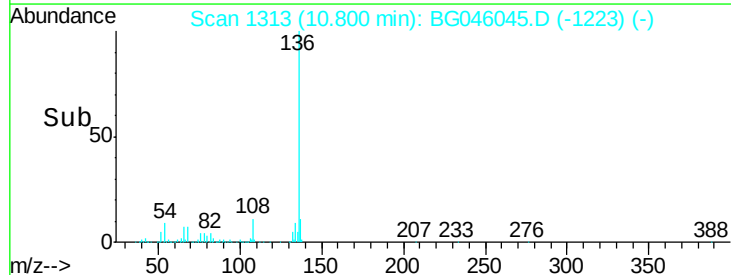
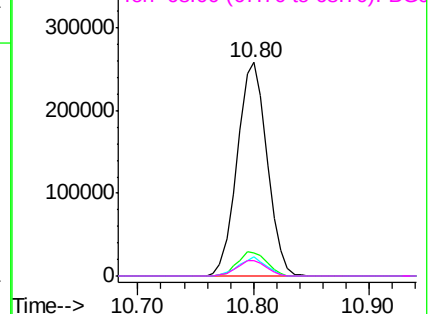
137 11.0 9.2 13.8

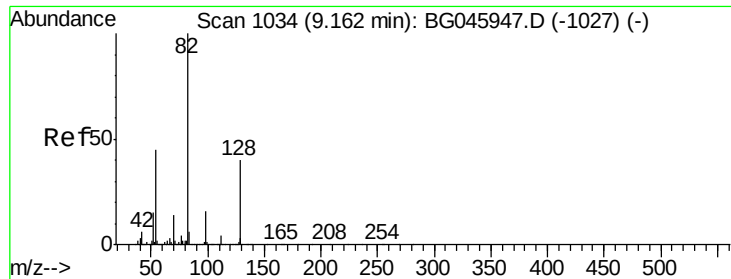
54 8.8 6.2 9.4

68 7.0 5.8 8.8



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

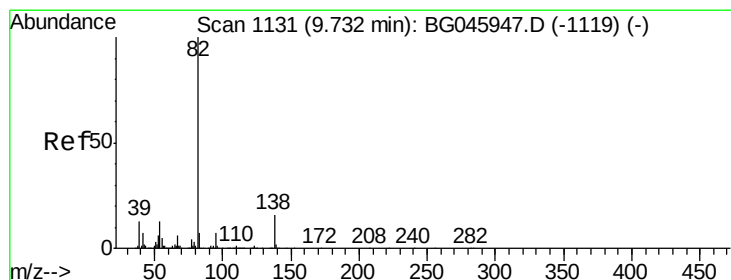
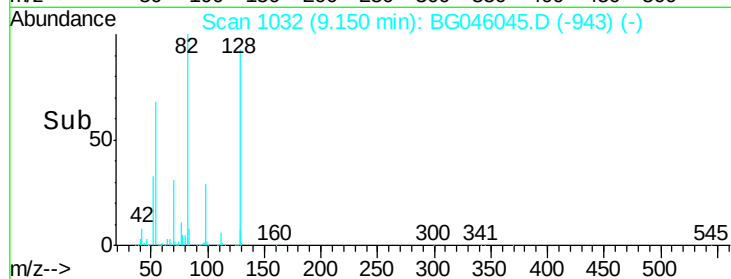
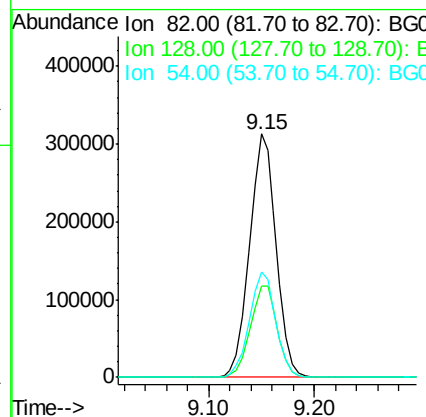
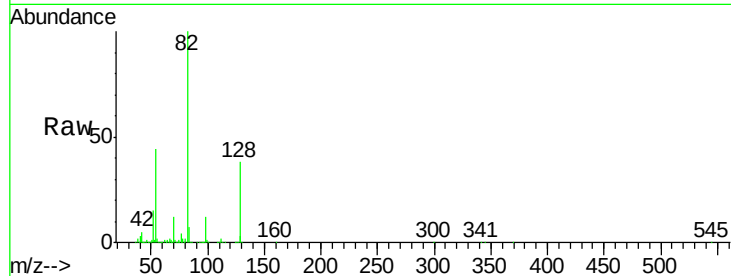




#23  
 Nitrobenzene-d5  
 Concen: 68.003 ng  
 RT: 9.15 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: BG046045.D  
 Acq: 14 Jul 2020 23:10

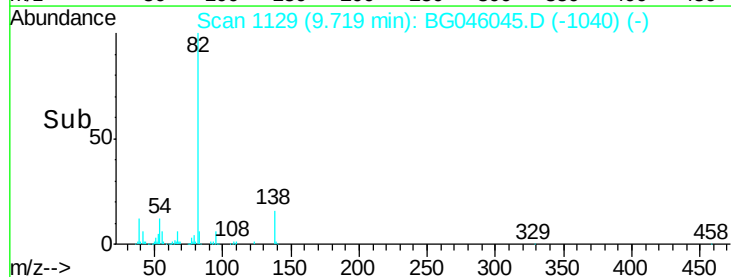
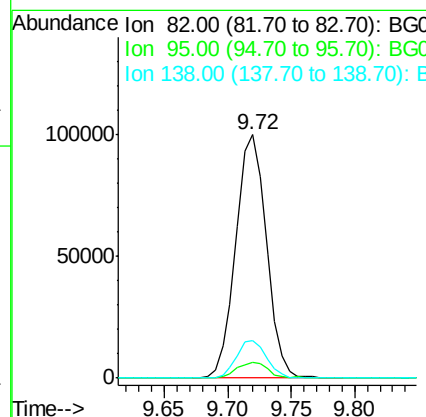
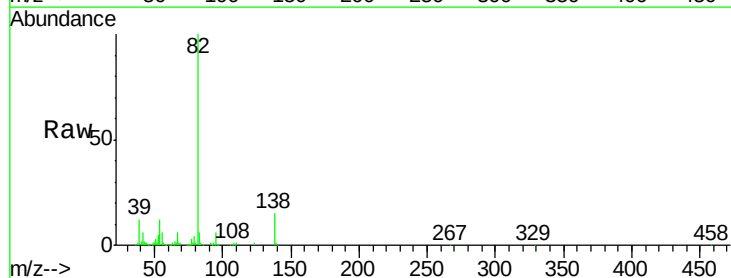
Instrument :  
 BNA\_G  
 ClientSampleId :  
 T-1

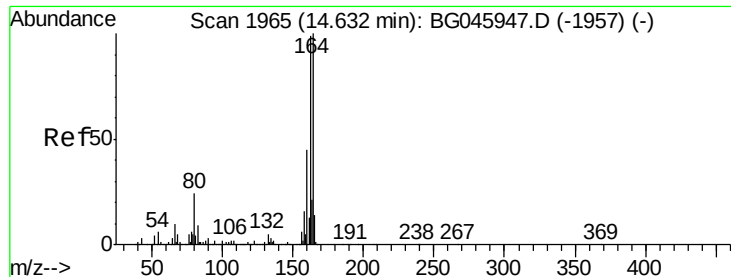
| Tot Ion   | 82    | Resp  | 544510 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.6  | 32.2  | 48.4   |
| 54        | 43.5  | 35.8  | 53.6   |



#25  
 Isophorone  
 Concen: 8.547 ng  
 RT: 9.72 min Scan# 1129  
 Delta R.T. -0.01 min  
 Lab File: BG046045.D  
 Acq: 14 Jul 2020 23:10

| Tgt Ion   | 82    | Resp  | 167062 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.3   | 5.8   | 8.6    |
| 138       | 15.4  | 12.9  | 19.3   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

Instrument :

BNA\_G

ClientSampleId :

T-1

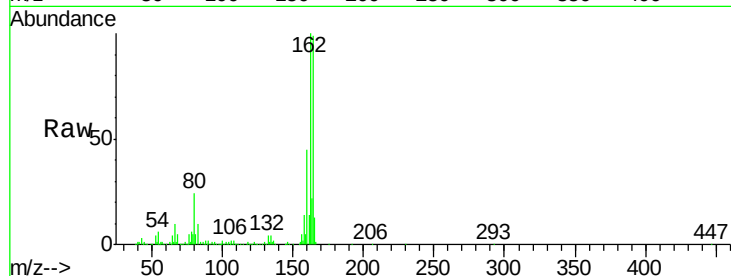
Tot Ion:164 Resp: 274912

Ion Ratio Lower Upper

164 100

162 101.0 79.3 118.9

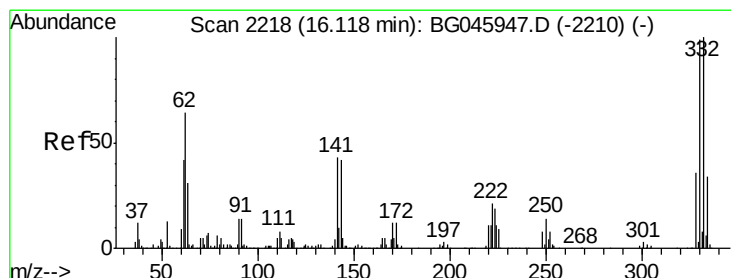
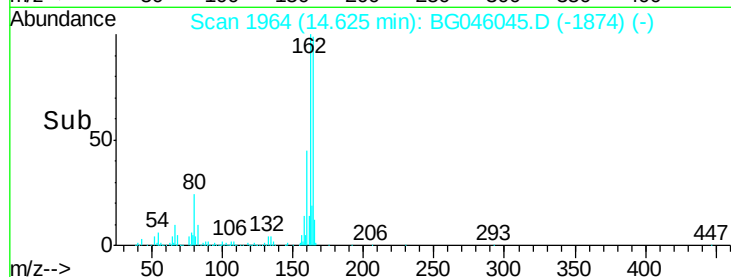
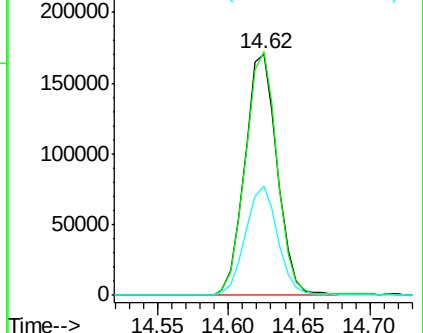
160 45.5 35.7 53.5



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: 0.089 ng

RT: 16.10 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

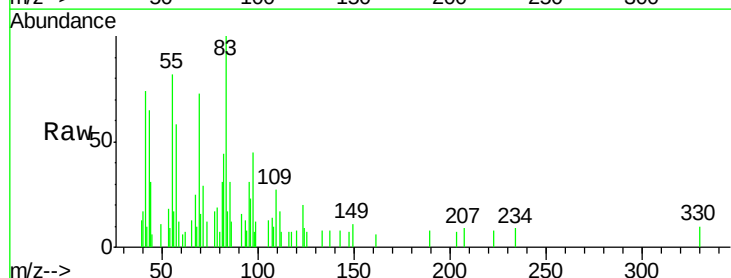
Tgt Ion:330 Resp: 227

Ion Ratio Lower Upper

330 100

332 0.0 78.3 117.5#

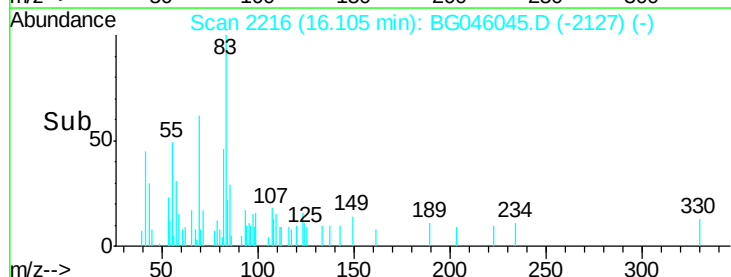
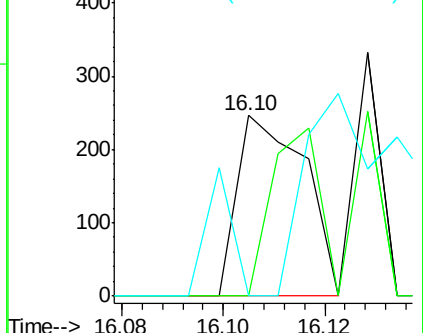
141 27.3 36.6 54.8#

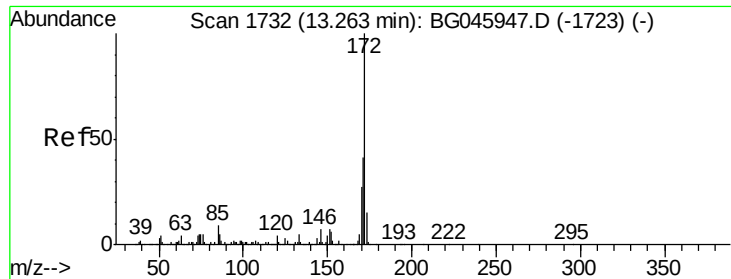


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

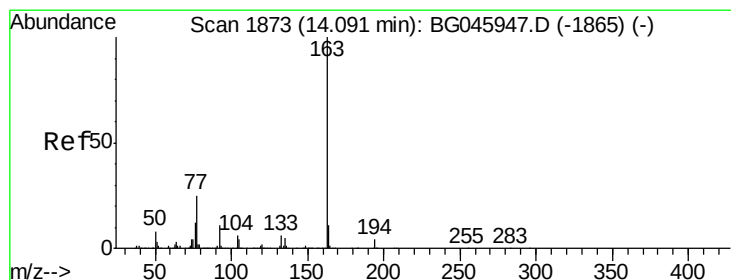
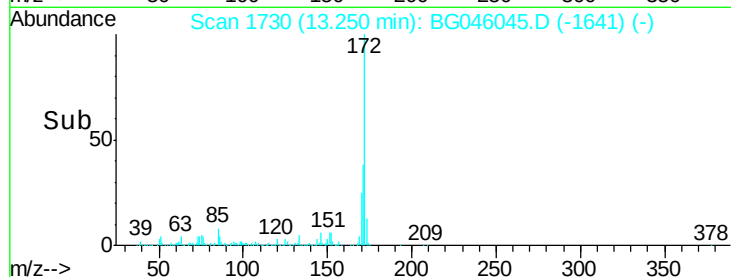
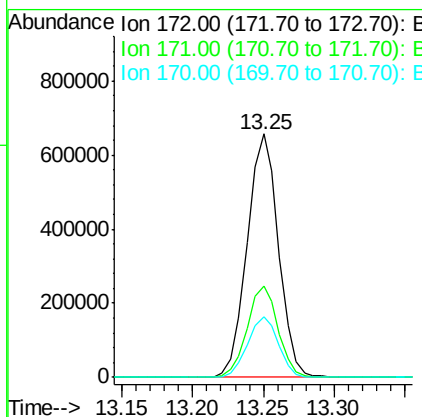
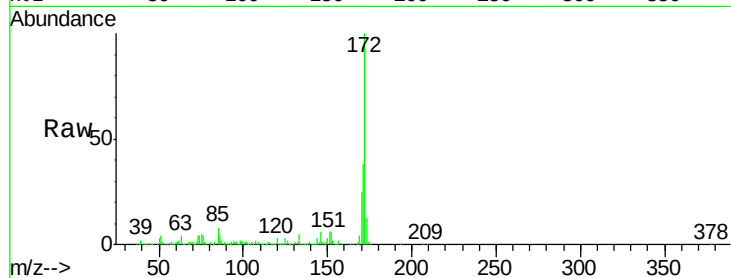




#45  
2-Fluorobiphenyl  
Concen: 57.917 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BG046045.D  
Acq: 14 Jul 2020 23:10

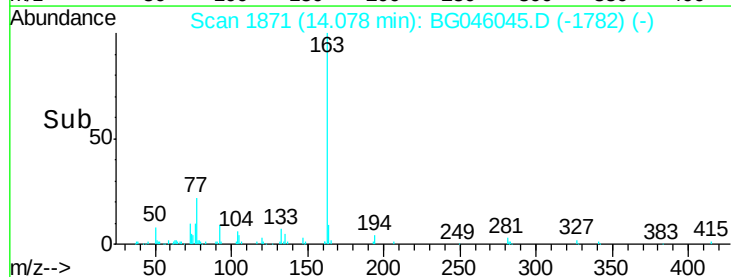
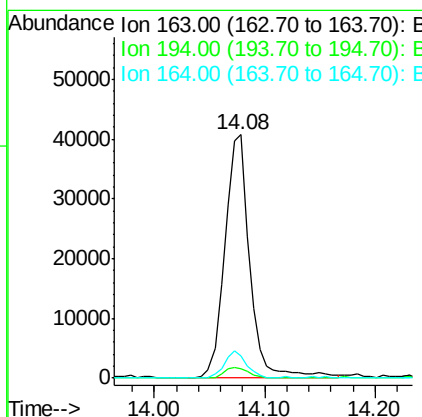
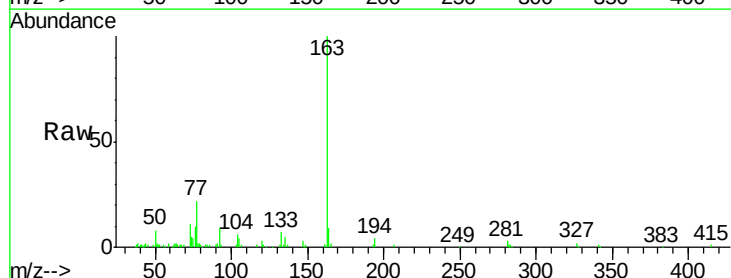
Instrument :  
BNA\_G  
ClientSampleId :  
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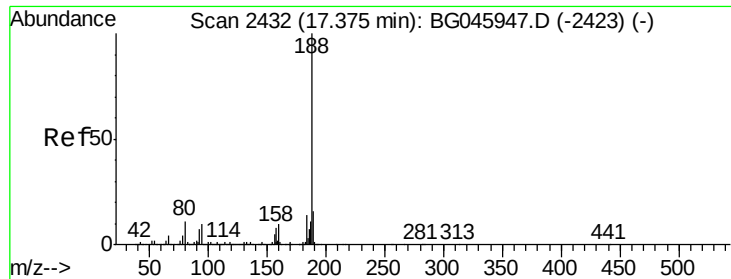
Tot Ion:172 Resp: 1020769  
Ion Ratio Lower Upper  
172 100  
171 37.6 32.9 49.3  
170 24.9 21.8 32.6



#50  
Dimethylphthalate  
Concen: 3.141 ng  
RT: 14.08 min Scan# 1871  
Delta R.T. -0.01 min  
Lab File: BG046045.D  
Acq: 14 Jul 2020 23:10

Tgt Ion:163 Resp: 64810  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.6 5.4  
164 9.3 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

Instrument :

BNA\_G

ClientSampleId :

T-1

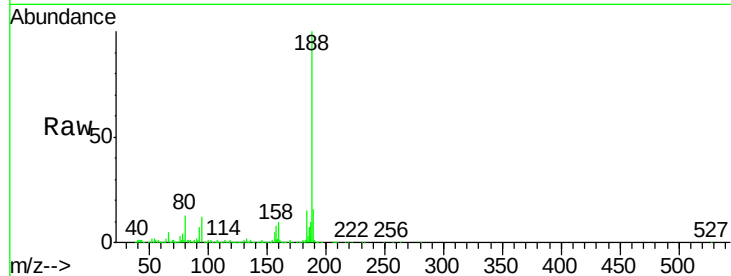
Tot Ion:188 Resp: 588411

Ion Ratio Lower Upper

188 100

94 11.7 8.2 12.4

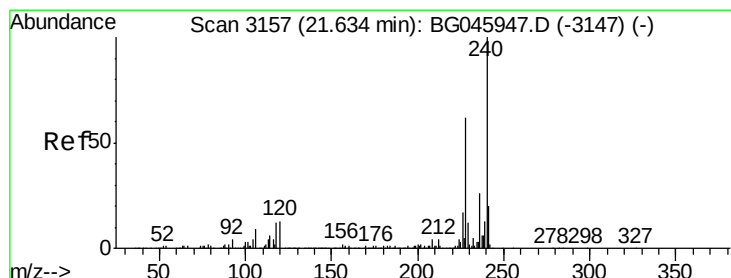
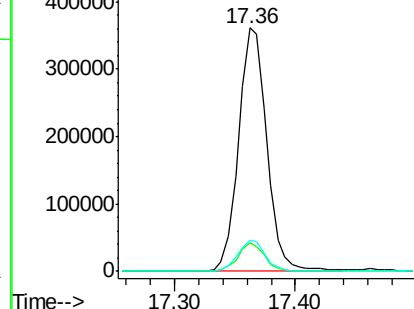
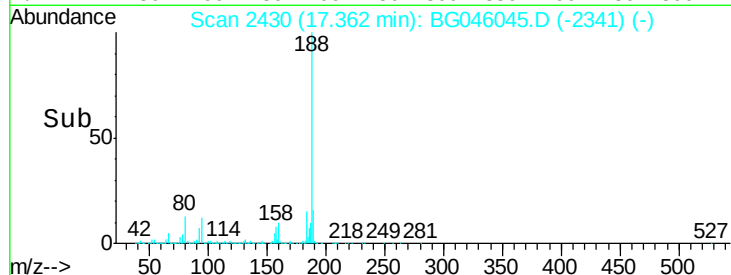
80 13.0 9.0 13.6



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

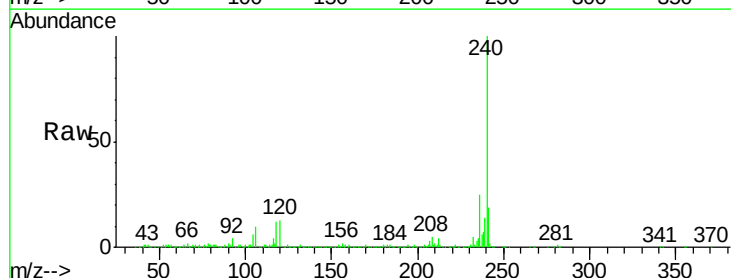
Tgt Ion:240 Resp: 594391

Ion Ratio Lower Upper

240 100

120 12.8 10.6 16.0

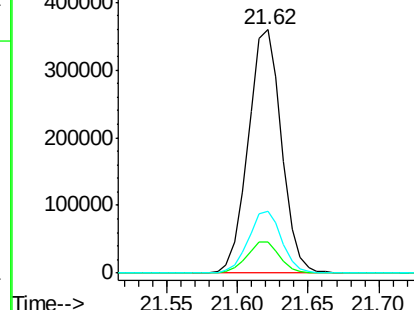
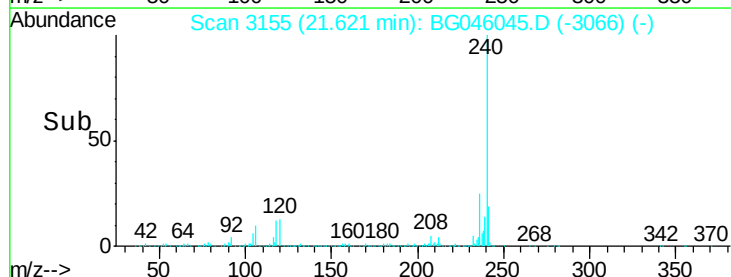
236 25.5 20.4 30.6



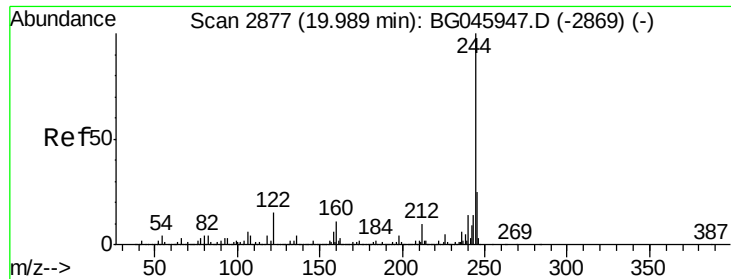
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 51.805 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

Instrument :

BNA\_G

ClientSampled :

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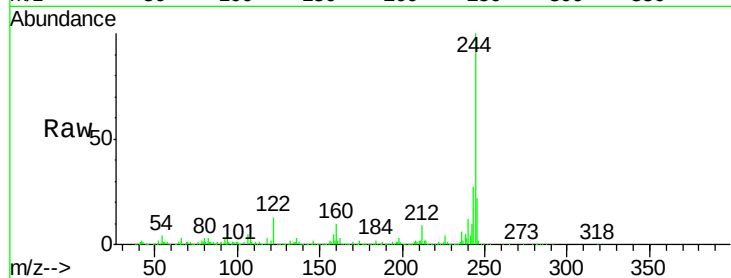
Tot Ion:244 Resp: 1383609

Ion Ratio Lower Upper

244 100

212 8.8 8.3 12.5

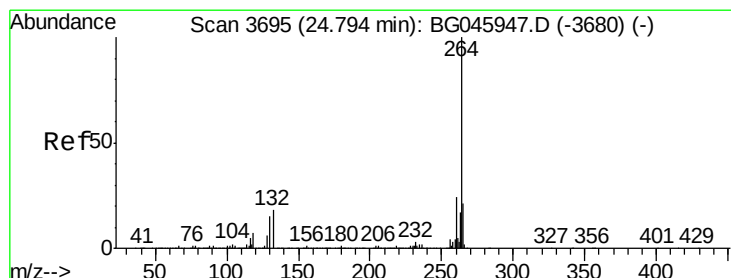
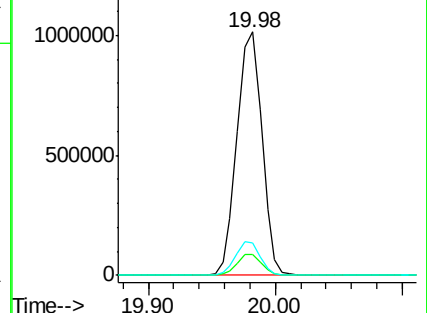
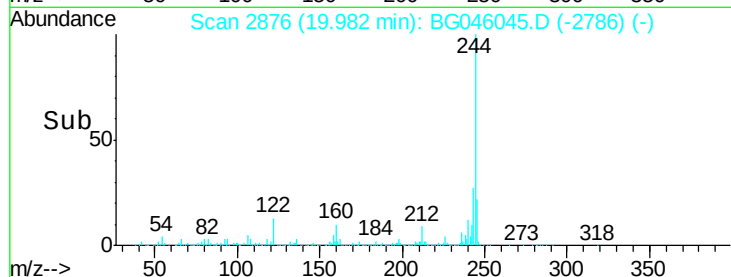
122 13.2 12.1 18.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG046045.D

Acq: 14 Jul 2020 23:10

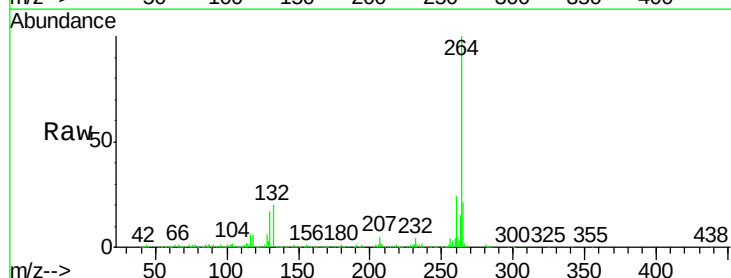
Tgt Ion:264 Resp: 602011

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 20.7 16.9 25.3



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

