

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\  
 Data File : BG046510.D  
 Acq On : 2 Sep 2020 19:33  
 Operator : CG/JU  
 Sample : L3837-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 789UMR-DSP01-02

Quant Time: Sep 03 01:25:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 15:06:53 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.93  | 152  | 58072    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.73 | 136  | 241613   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.56 | 164  | 176259   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.30 | 188  | 510930   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.55 | 240  | 535453   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.65 | 264  | 540119   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 400224   | 122.07 | ng    | 0.00     |
| 7) Phenol-d6                | 7.10  | 99   | 482635   | 103.84 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.08  | 82   | 383972   | 90.83  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.05 | 330  | 327670   | 137.20 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.18 | 172  | 983218   | 85.16  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.92 | 244  | 1948520  | 77.44  | ng    | 0.00     |

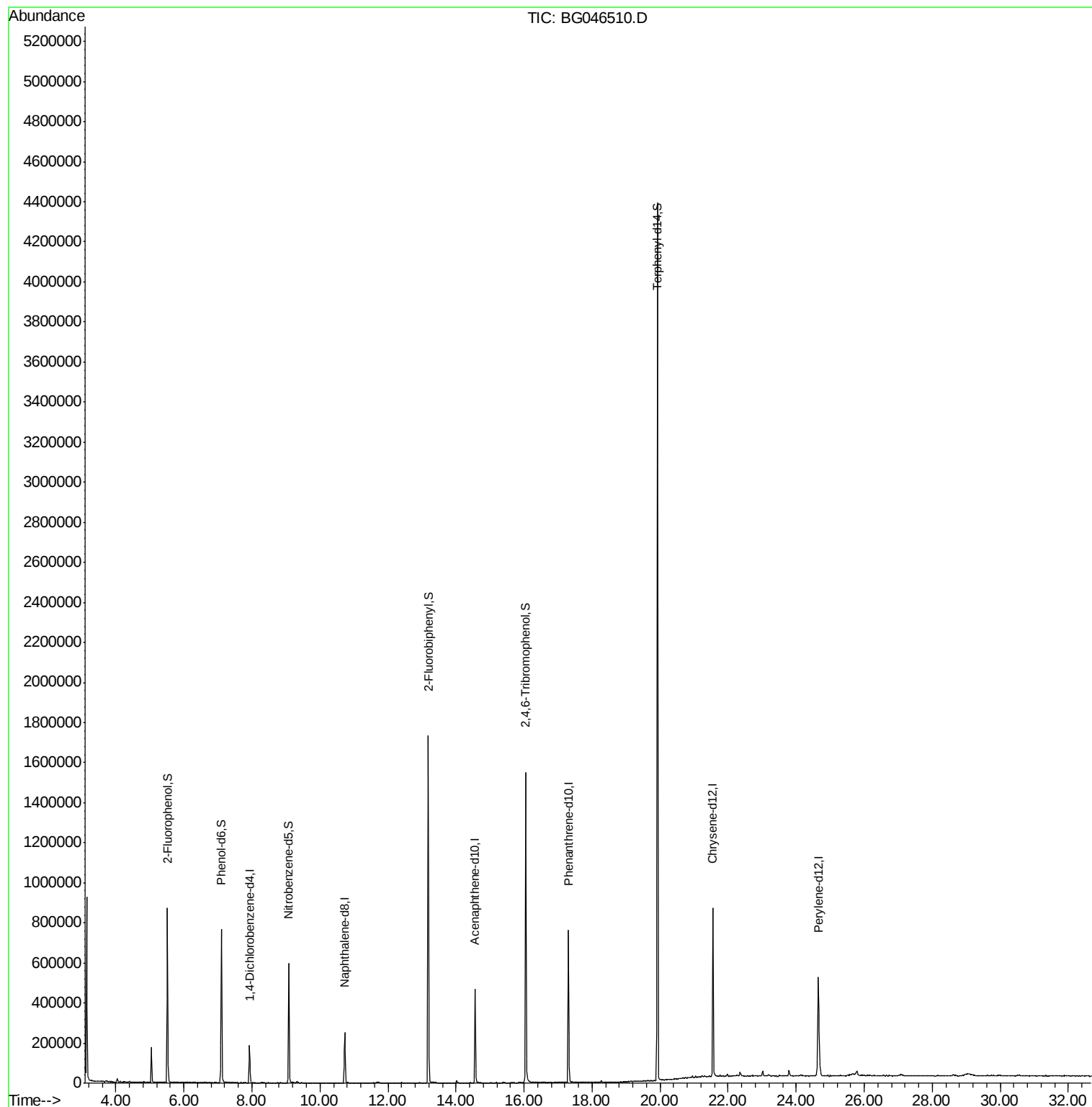
Target Compounds Qvalue

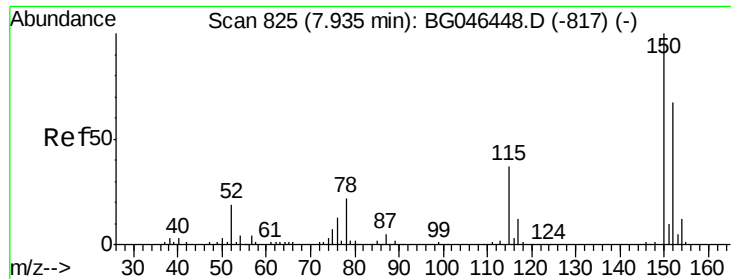
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

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BNA\_G  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 02 15:06:53 2020  
Response via : Initial Calibration



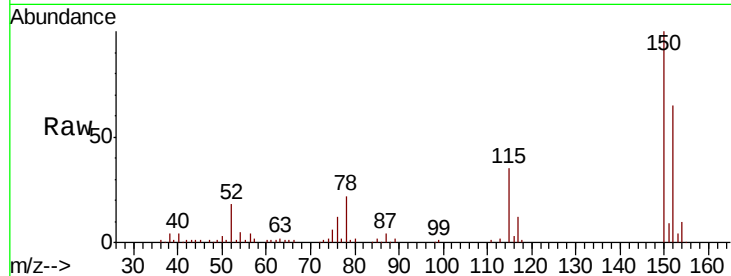


#1

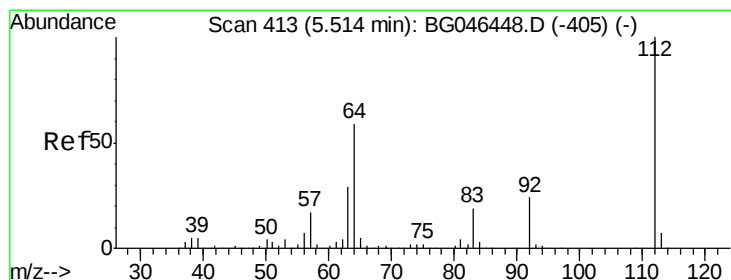
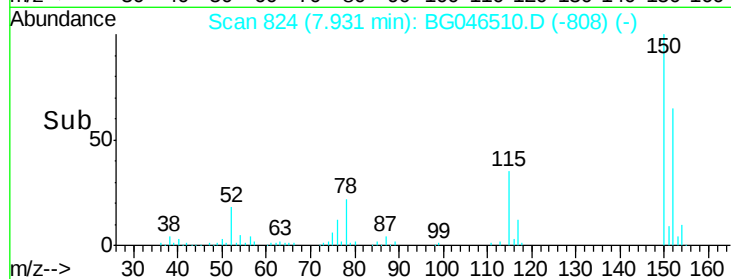
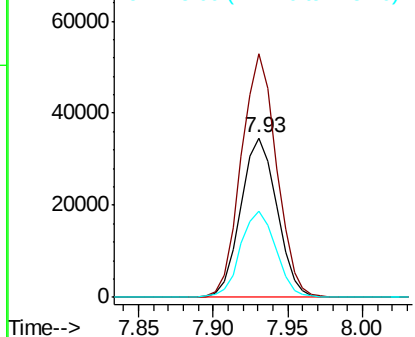
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BG046510.D  
 Acq: 2 Sep 2020 19:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 789UMR-DSP01-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.8 | 119.5 | 179.3 |
| 115     | 53.8  | 44.3  | 66.5  |



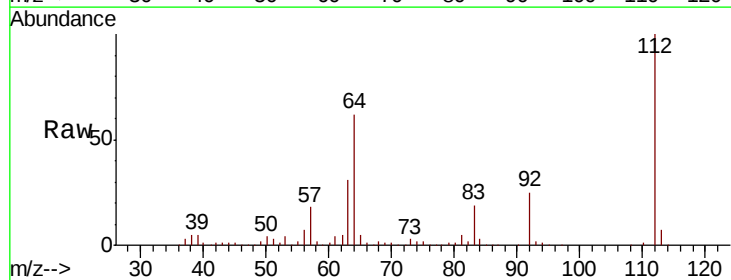
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



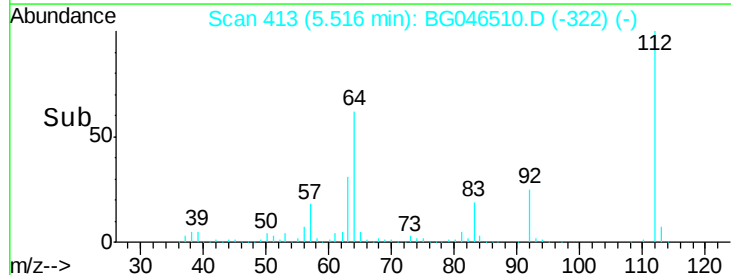
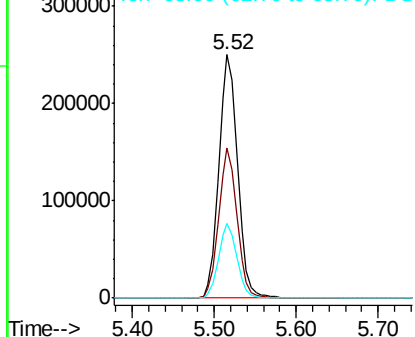
#5

2-Fluorophenol  
 Concen: 122.068 ng  
 RT: 5.52 min Scan# 413  
 Delta R.T. 0.00 min  
 Lab File: BG046510.D  
 Acq: 2 Sep 2020 19:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.7  | 47.0  | 70.6  |
| 63      | 30.9  | 23.5  | 35.3  |



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: 103.839 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046510.D

Acq: 2 Sep 2020 19:33

Instrument :

BNA\_G

ClientSampleId :

789UMR-DSP01-02

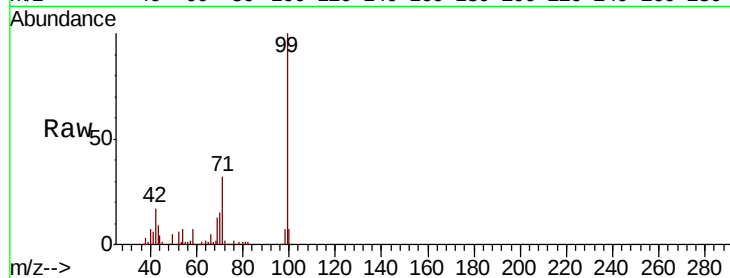
Tot Ion: 99 Resp: 482635

Ion Ratio Lower Upper

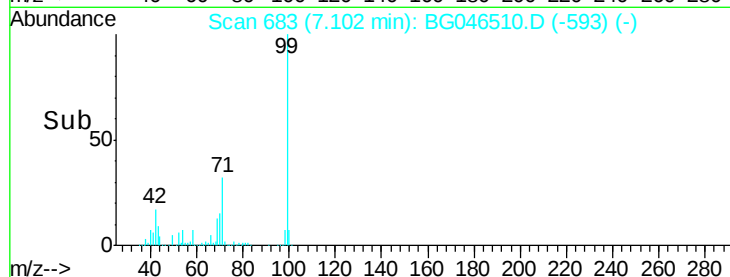
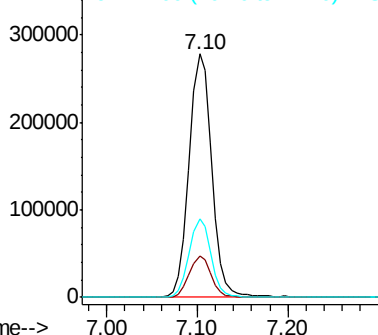
99 100

42 17.0 13.3 19.9

71 32.2 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046510.D

Acq: 2 Sep 2020 19:33

Tgt Ion: 136 Resp: 241613

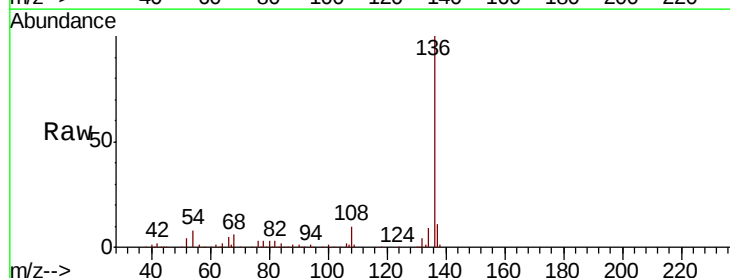
Ion Ratio Lower Upper

136 100

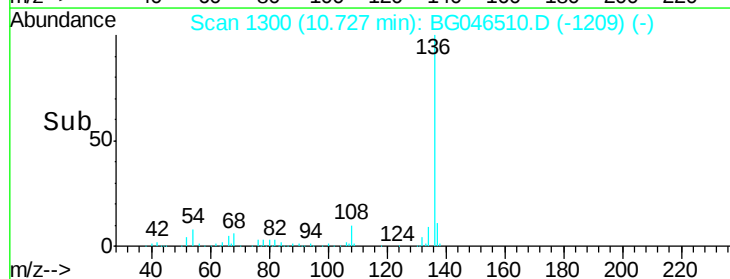
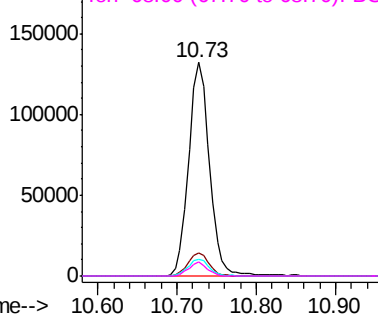
137 11.1 8.8 13.2

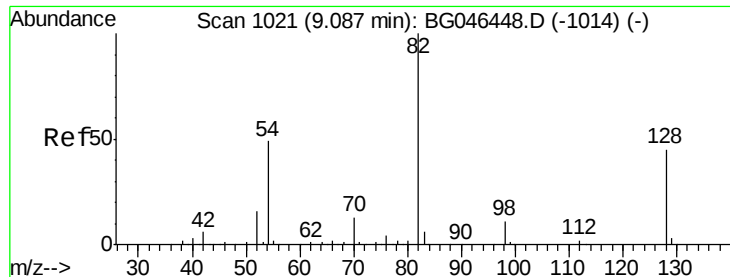
54 8.1 6.1 9.1

68 6.5 4.8 7.2



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

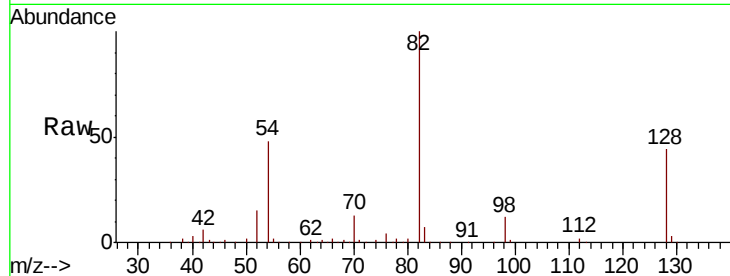




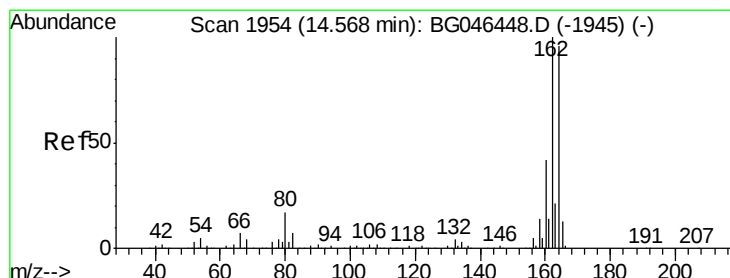
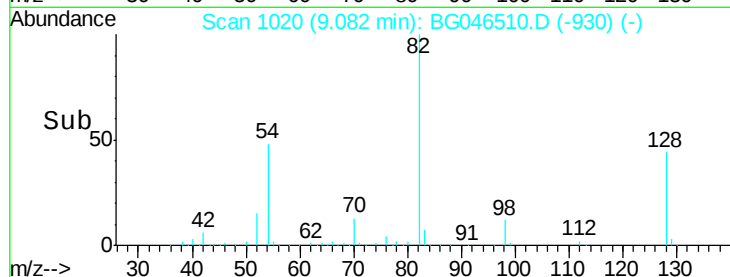
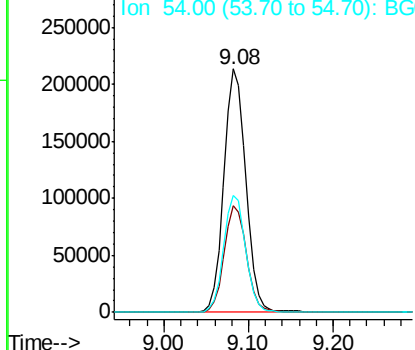
#23  
Nitrobenzene-d5  
Concen: 90.831 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BG046510.D  
Acq: 2 Sep 2020 19:33

Instrument :  
BNA\_G  
ClientSampleId :  
789UMR-DSP01-02

Tot Ion: 82 Resp: 383972  
Ion Ratio Lower Upper  
82 100  
128 43.6 35.7 53.5  
54 48.1 39.4 59.0

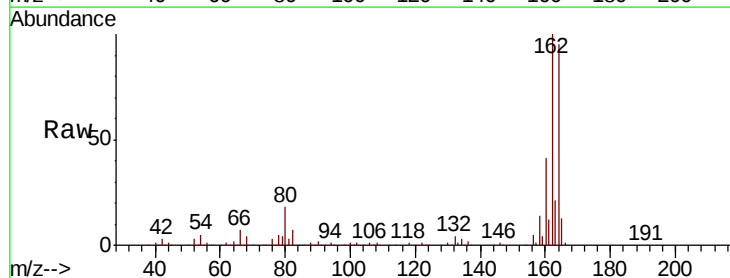


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

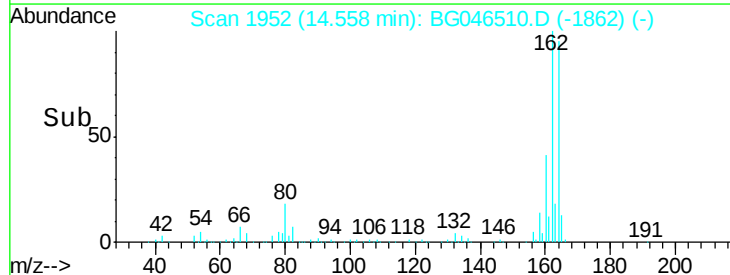
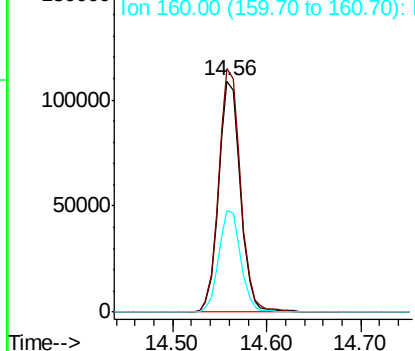


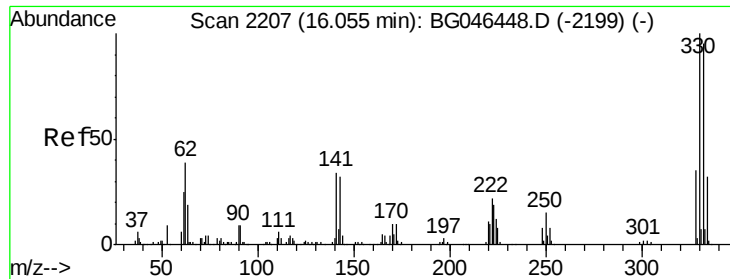
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.56 min Scan# 1952  
Delta R.T. -0.00 min  
Lab File: BG046510.D  
Acq: 2 Sep 2020 19:33

Tgt Ion: 164 Resp: 176259  
Ion Ratio Lower Upper  
164 100  
162 105.3 83.3 124.9  
160 43.7 35.0 52.6



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

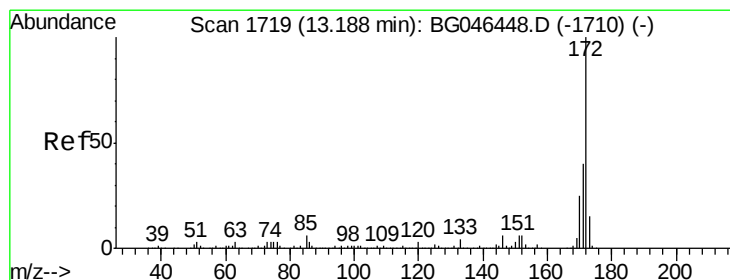
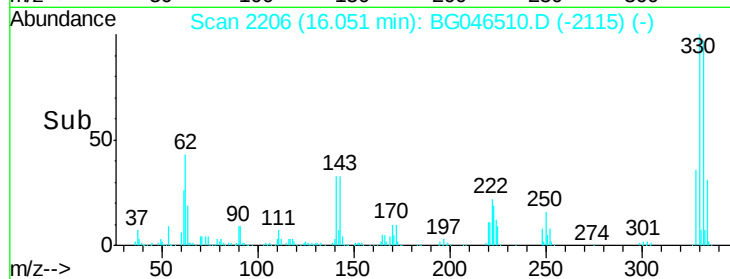
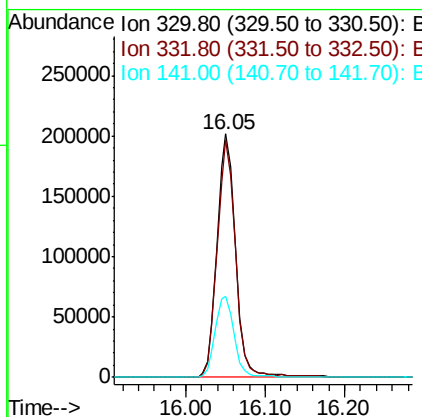
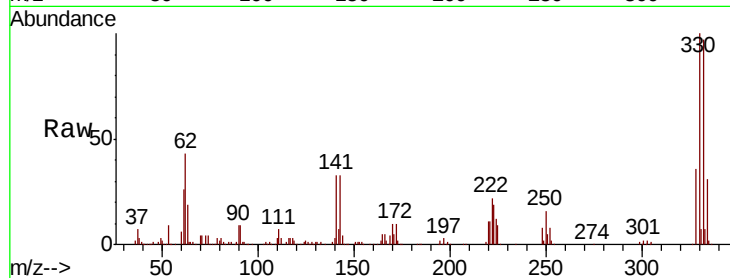




#42  
 2,4,6-Tribromophenol  
 Concen: 137.205 ng  
 RT: 16.05 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BG046510.D  
 Acq: 2 Sep 2020 19:33

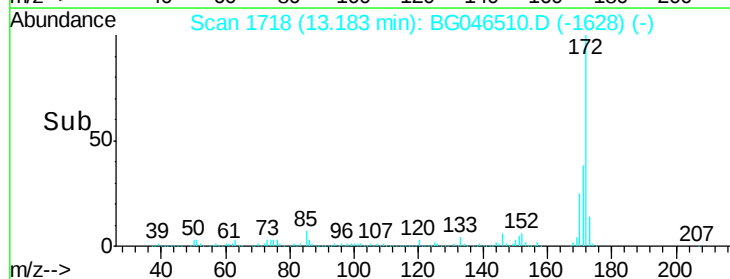
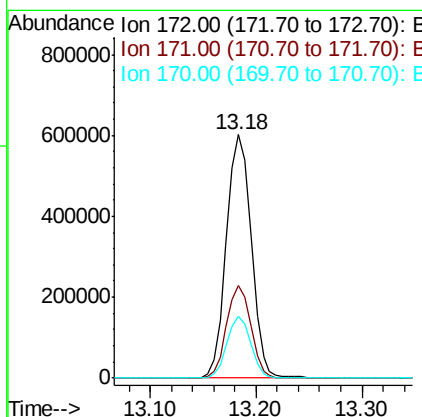
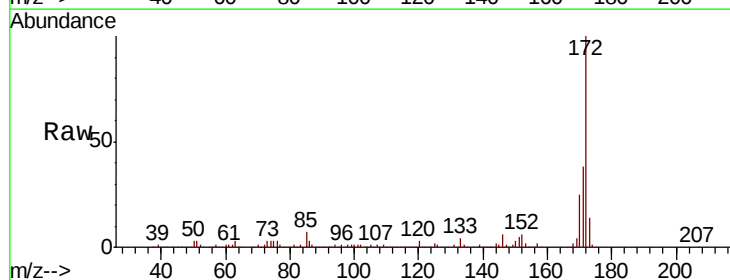
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 BNA\_G  
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 789UMR-DSP01-02

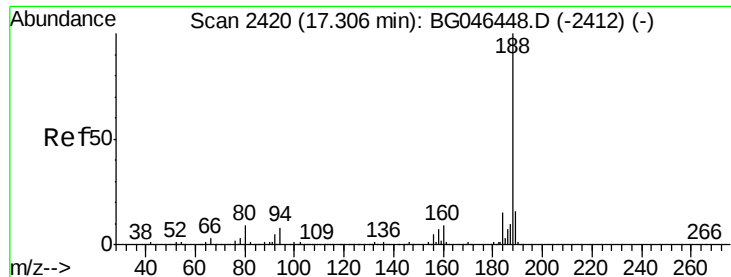
Tot Ion:330 Resp: 327670  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 76.1 114.1  
 141 34.2 26.1 39.1



#45  
 2-Fluorobiphenyl  
 Concen: 85.156 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. -0.00 min  
 Lab File: BG046510.D  
 Acq: 2 Sep 2020 19:33

Tgt Ion:172 Resp: 983218  
 Ion Ratio Lower Upper  
 172 100  
 171 38.1 31.8 47.6  
 170 25.2 20.3 30.5

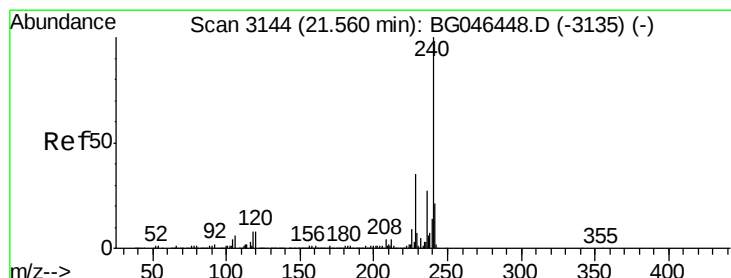
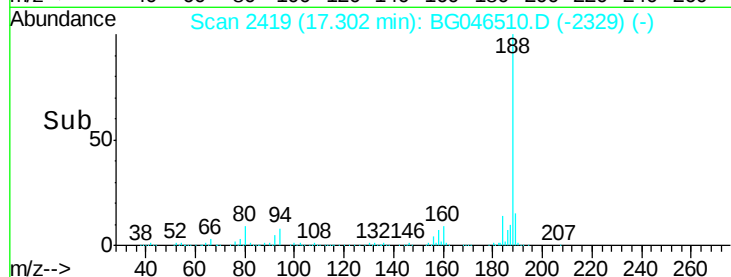
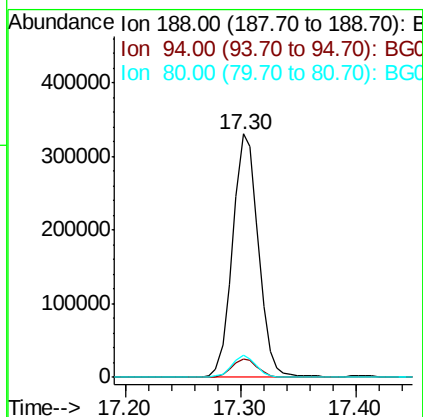
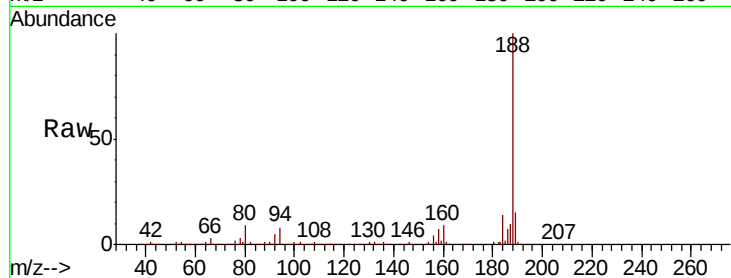




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.30 min Scan# 2419  
Delta R.T. -0.00 min  
Lab File: BG046510.D  
Acq: 2 Sep 2020 19:33

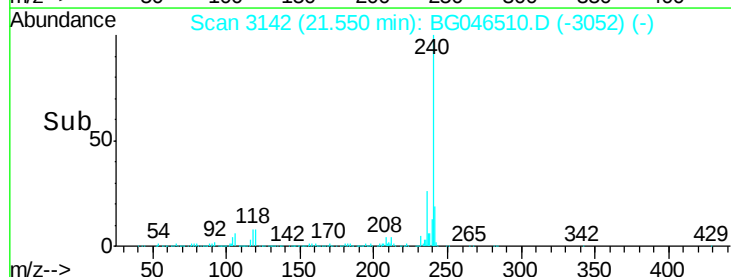
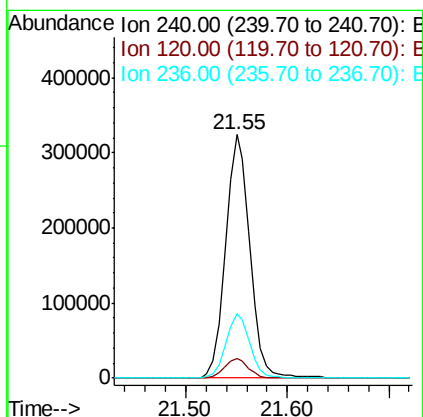
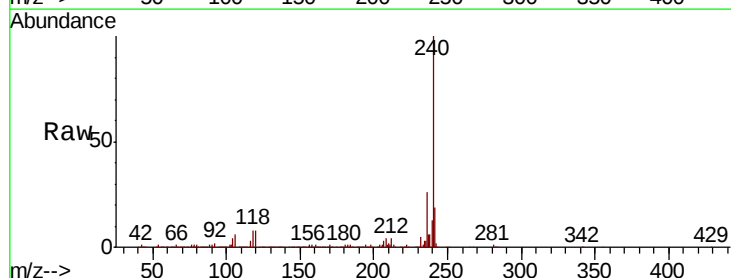
Instrument :  
BNA\_G  
ClientSampleId :  
789UMR-DSP01-02

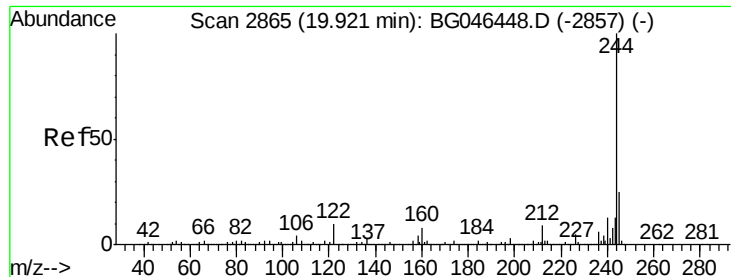
Tot Ion:188 Resp: 510930  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.3 9.5  
80 9.1 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.55 min Scan# 3142  
Delta R.T. -0.00 min  
Lab File: BG046510.D  
Acq: 2 Sep 2020 19:33

Tgt Ion:240 Resp: 535453  
Ion Ratio Lower Upper  
240 100  
120 7.9 6.6 10.0  
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 77.445 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046510.D

Acq: 2 Sep 2020 19:33

Instrument :

BNA\_G

ClientSampleId :

789UMR-DSP01-02

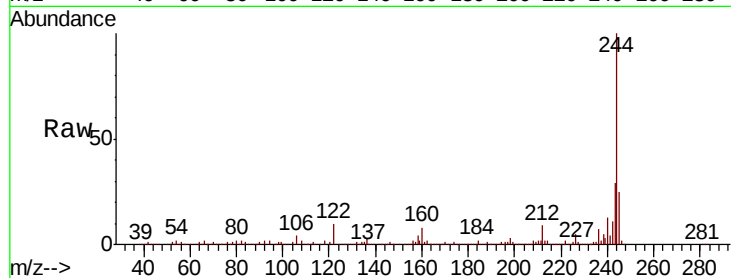
Tot Ion:244 Resp: 1948520

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

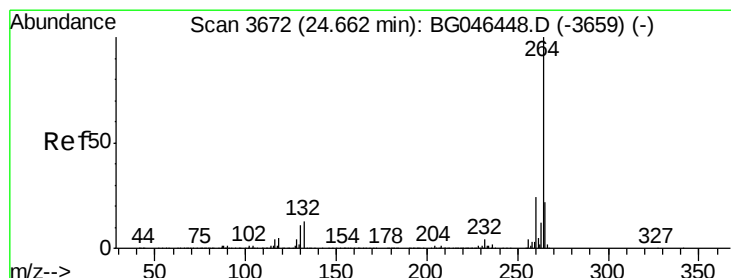
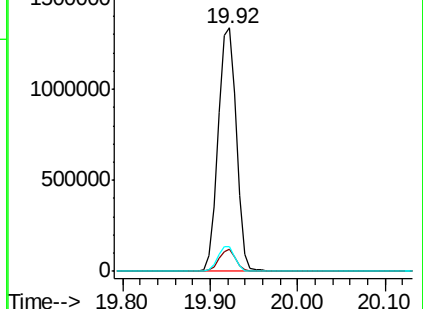
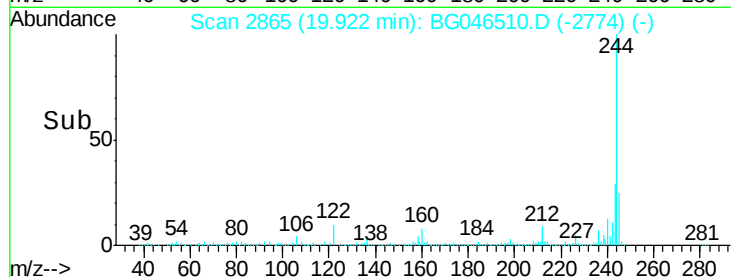
122 10.0 8.2 12.4



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: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046510.D

Acq: 2 Sep 2020 19:33

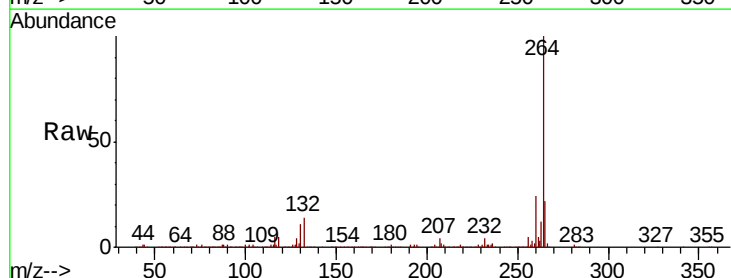
Tgt Ion:264 Resp: 540119

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.1 17.9 26.9



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

