

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\  
 Data File : BG046124.D  
 Acq On : 31 Jul 2020 14:00  
 Operator : CG/JU  
 Sample : PB130619BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB130619BL

Quant Time: Jul 31 15:10:12 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 18:43:49 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 77810    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.75 | 136  | 307897   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.58 | 164  | 201747   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.32 | 188  | 501494   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.57 | 240  | 647020   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.67 | 264  | 629130   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.54  | 112  | 522317   | 116.69 | ng    | 0.00     |
| 7) Phenol-d6                | 7.12  | 99   | 664191   | 108.88 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.10  | 82   | 438893   | 77.18  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.06 | 330  | 320064   | 103.29 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.21 | 172  | 1045462  | 75.28  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.94 | 244  | 1983649  | 62.44  | ng    | 0.00     |

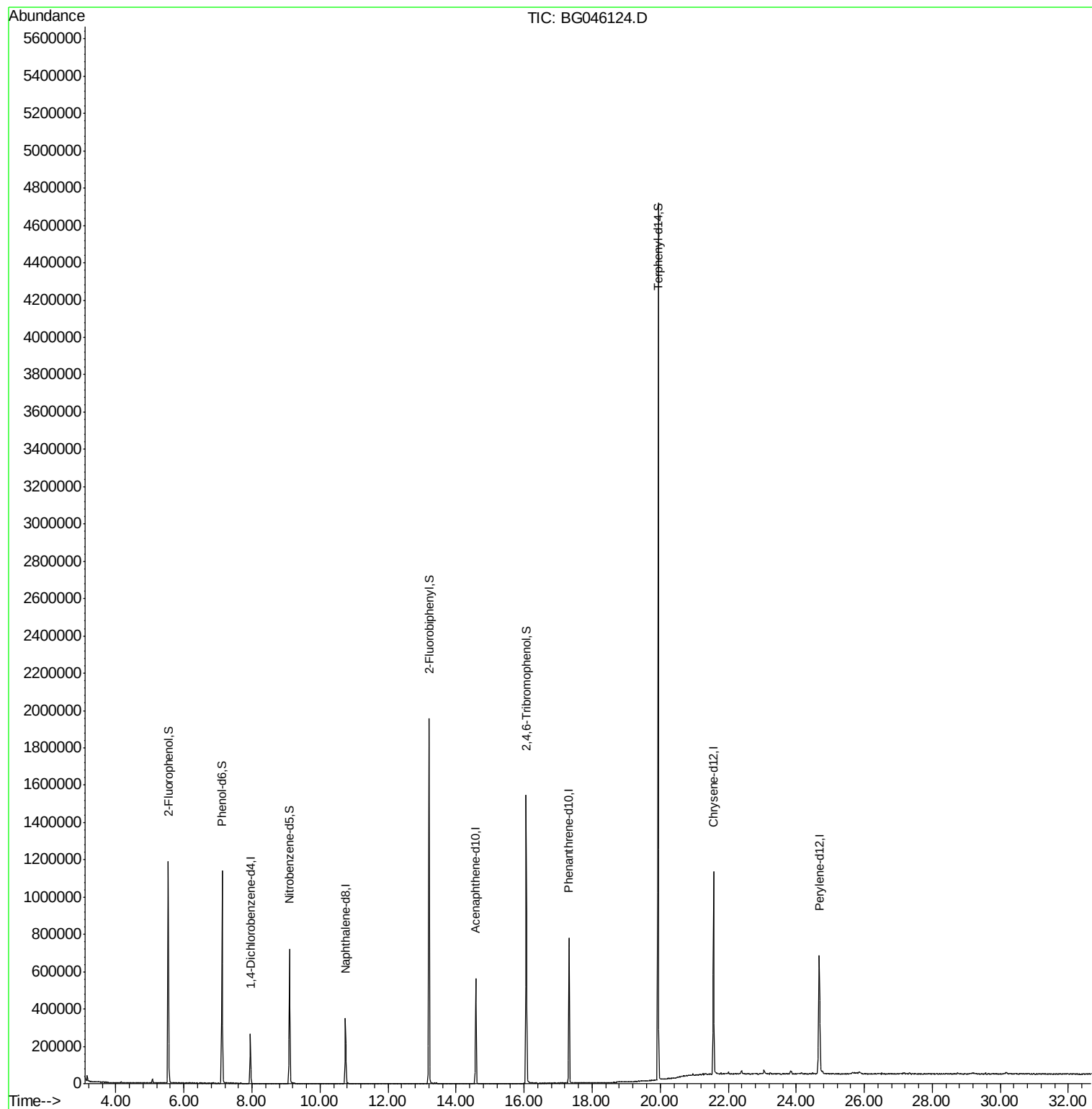
Target Compounds Qvalue

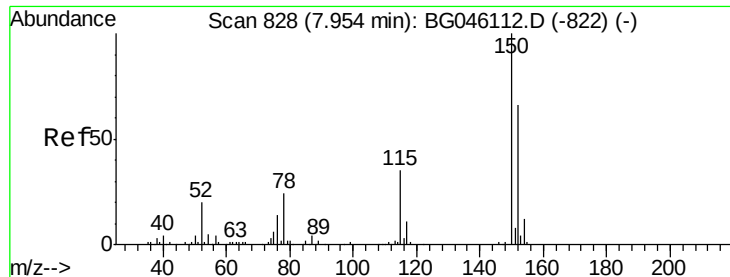
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
PB130619BL

Quant Time: Jul 31 15:10:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 30 18:43:49 2020  
Response via : Initial Calibration



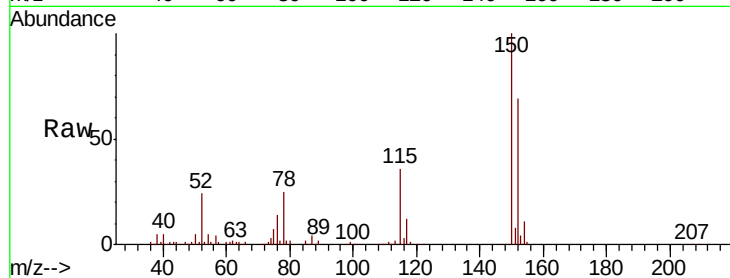


#1

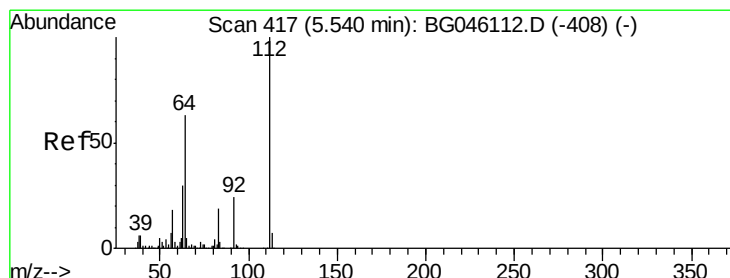
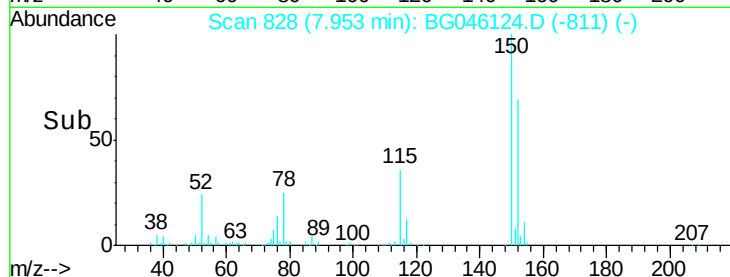
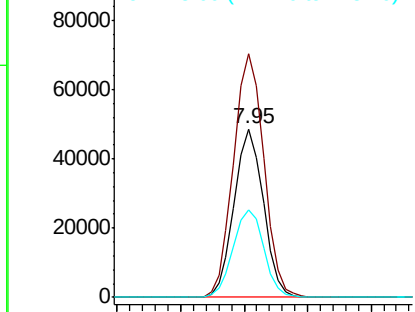
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB130619BL

Tot Ion:152 Resp: 77810  
Ion Ratio Lower Upper  
152 100  
150 144.8 122.1 183.1  
115 52.2 43.2 64.8



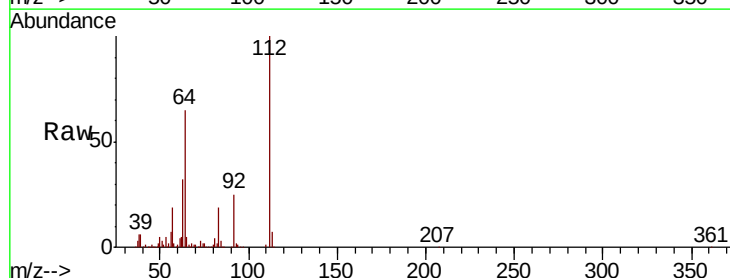
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



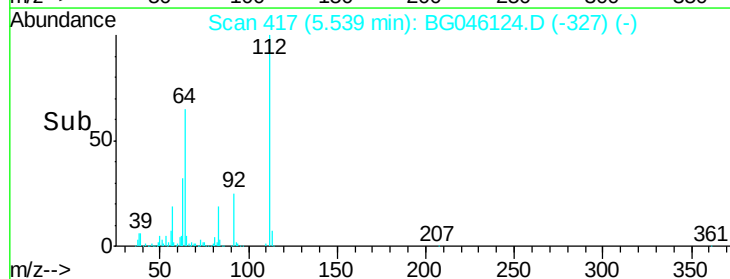
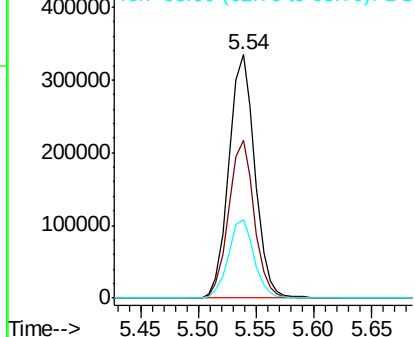
#5

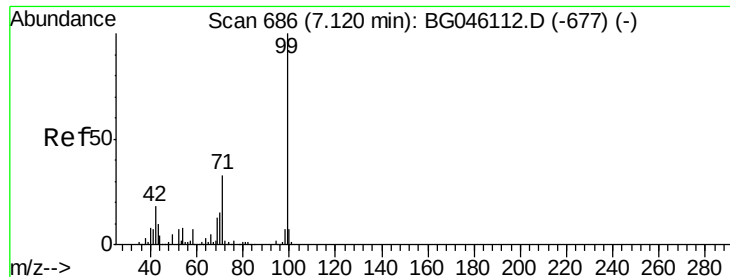
2-Fluorophenol  
Concen: 116.692 ng  
RT: 5.54 min Scan# 417  
Delta R.T. -0.00 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

Tgt Ion:112 Resp: 522317  
Ion Ratio Lower Upper  
112 100  
64 65.0 50.2 75.2  
63 32.1 24.2 36.4



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: 108.880 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA\_G

ClientSampled :

PB130619BL

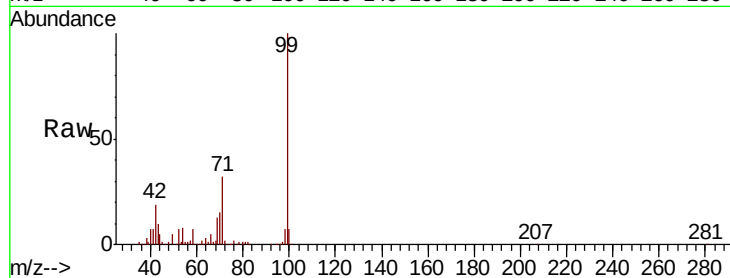
Tot Ion: 99 Resp: 664191

Ion Ratio Lower Upper

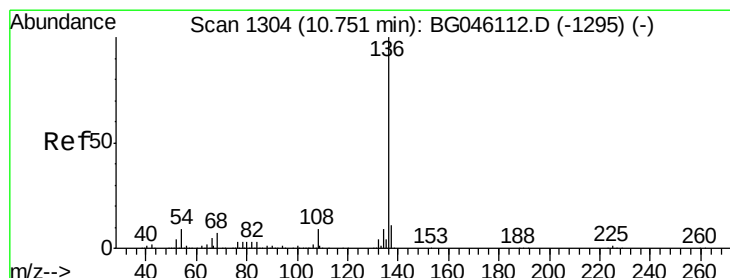
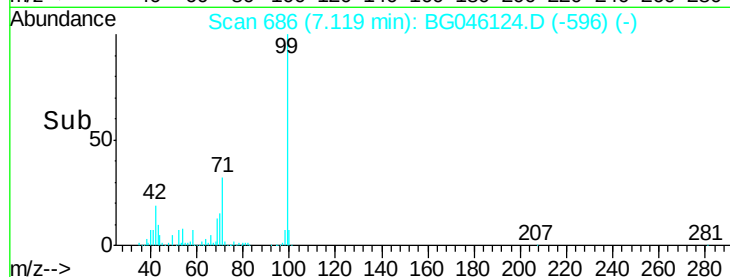
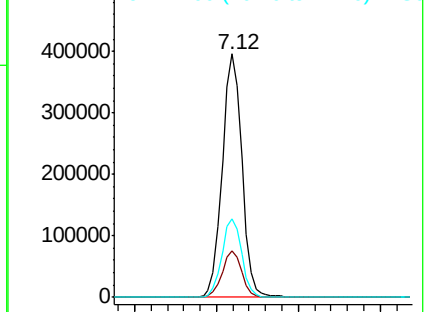
99 100

42 19.2 14.7 22.1

71 32.4 26.5 39.7



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. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Tgt Ion: 136 Resp: 307897

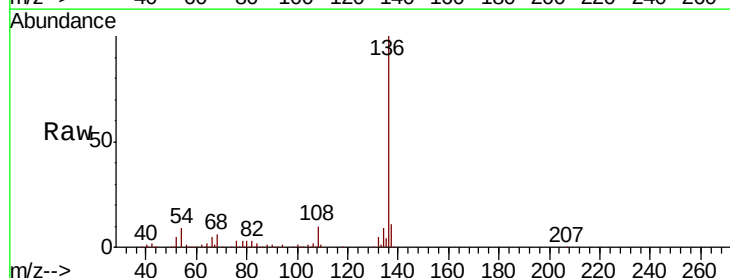
Ion Ratio Lower Upper

136 100

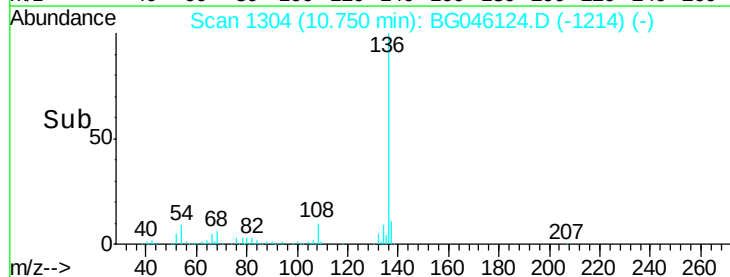
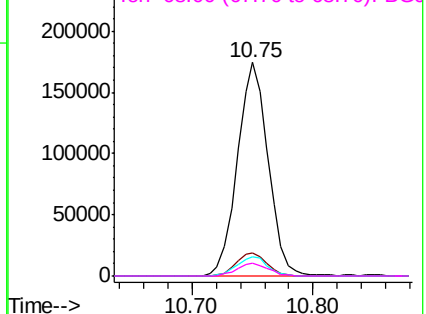
137 10.6 8.8 13.2

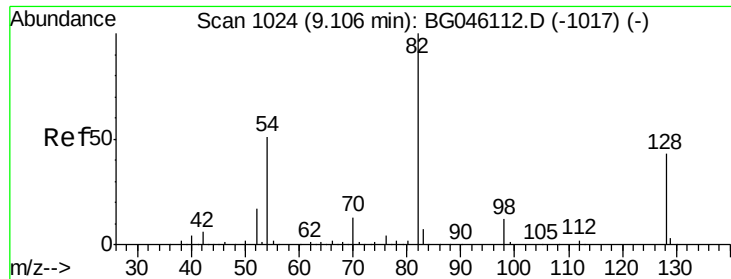
54 9.0 7.0 10.4

68 6.0 5.3 7.9



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

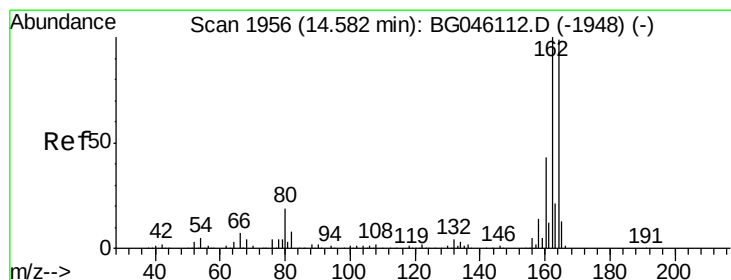
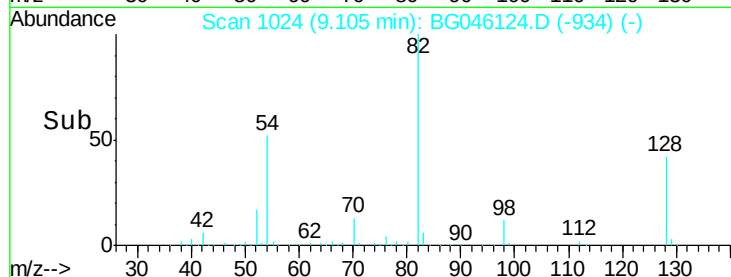
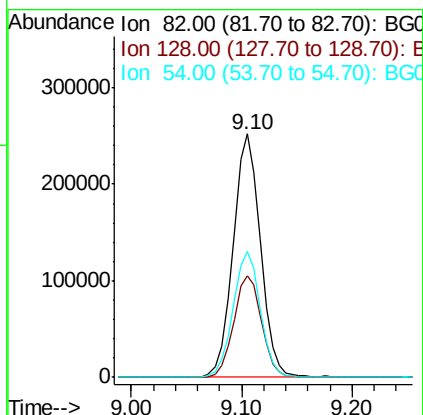
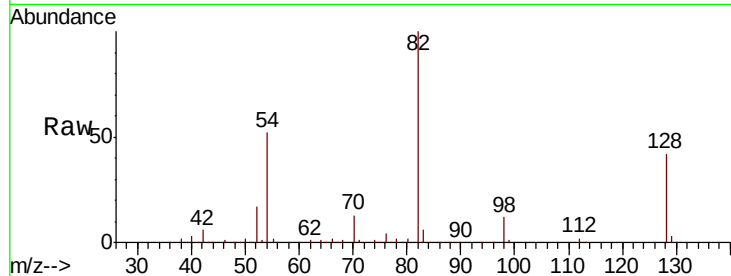




#23  
Nitrobenzene-d5  
Concen: 77.178 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

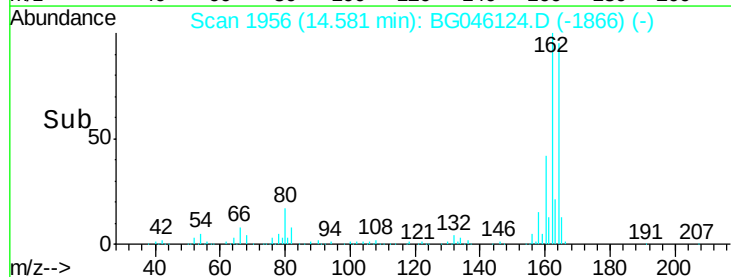
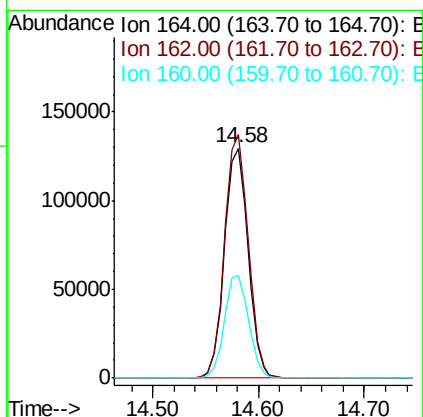
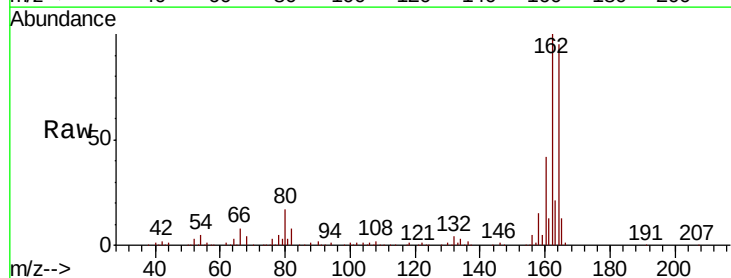
Instrument :  
BNA\_G  
ClientSampleID :  
PB130619BL

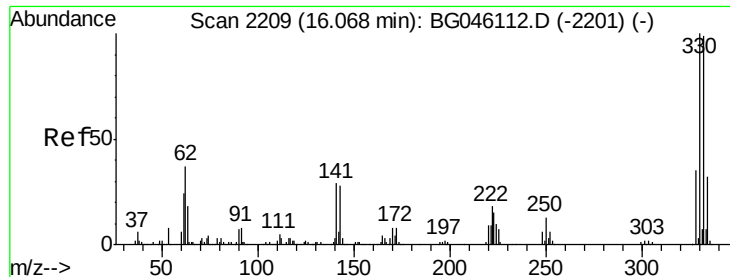
Tot Ion: 82 Resp: 438893  
Ion Ratio Lower Upper  
82 100  
128 41.8 34.4 51.6  
54 51.6 40.8 61.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.58 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

Tgt Ion:164 Resp: 201747  
Ion Ratio Lower Upper  
164 100  
162 105.8 80.6 121.0  
160 44.8 34.9 52.3

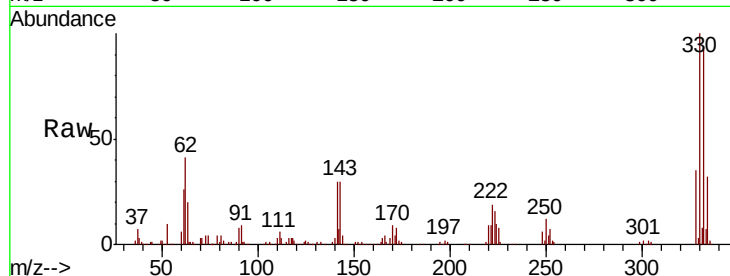




#42  
 2,4,6-Tribromophenol  
 Concen: 103.287 ng  
 RT: 16.06 min Scan# 2208  
 Delta R.T. -0.01 min  
 Lab File: BG046124.D  
 Acq: 31 Jul 2020 14:00

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB130619BL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 77.4  | 116.2 |
| 141     | 29.6  | 23.4  | 35.0  |

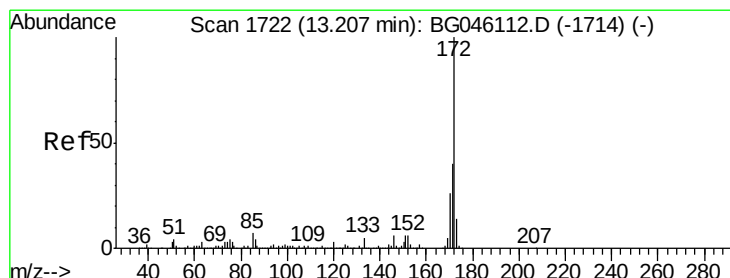
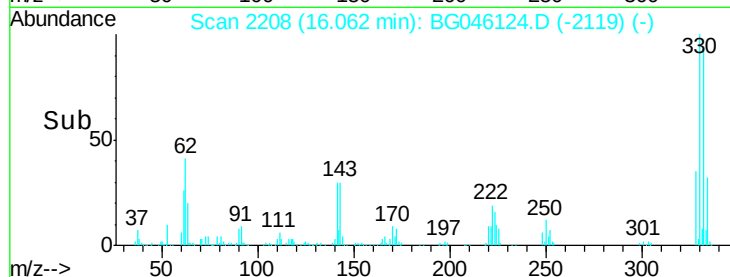
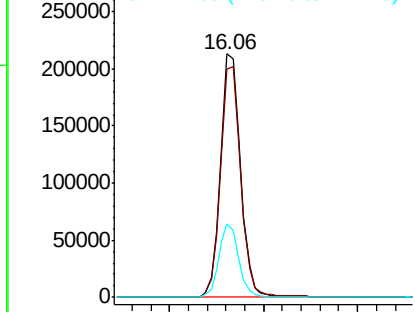


Abundance

Ion 329.80 (329.50 to 330.50): E

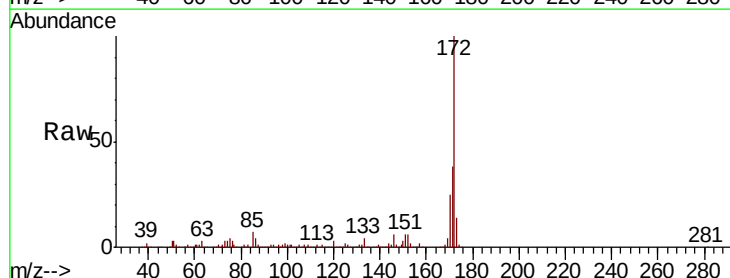
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 75.276 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG046124.D  
 Acq: 31 Jul 2020 14:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.7  | 31.7  | 47.5  |
| 170     | 24.8  | 20.9  | 31.3  |

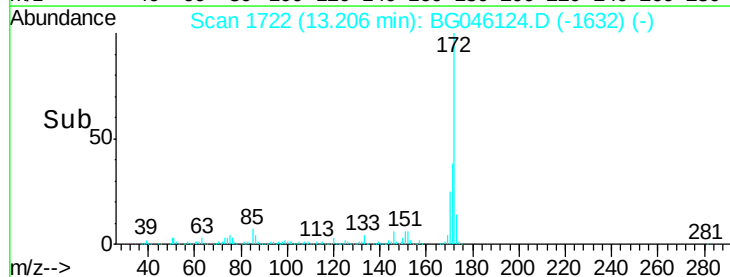
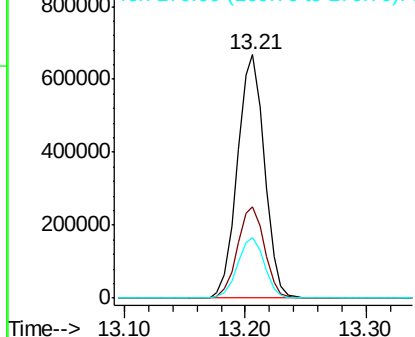


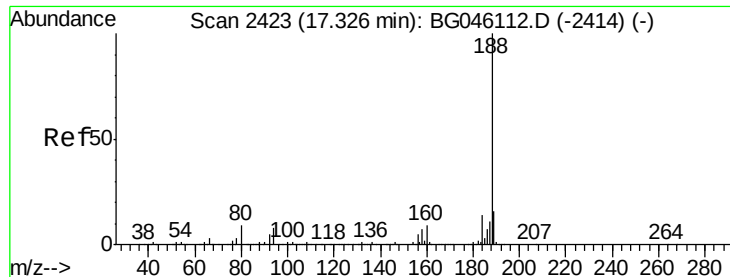
Abundance

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

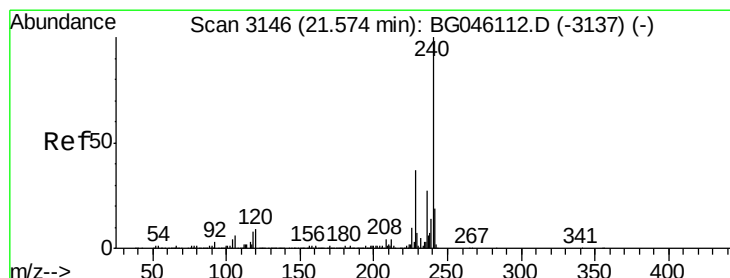
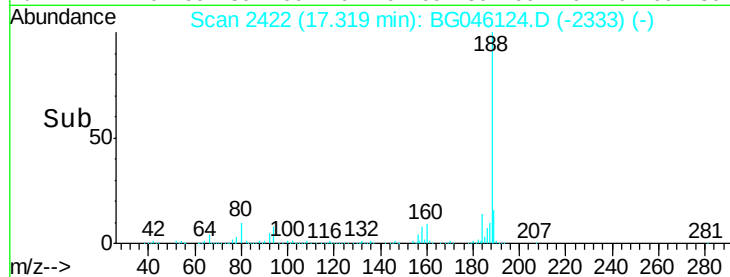
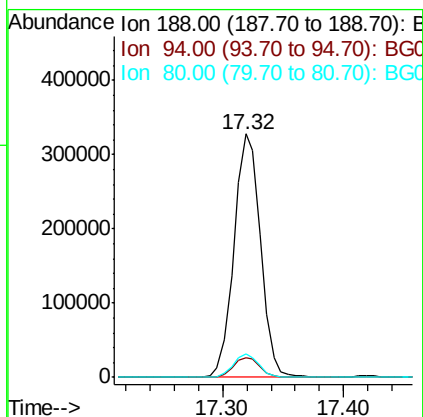
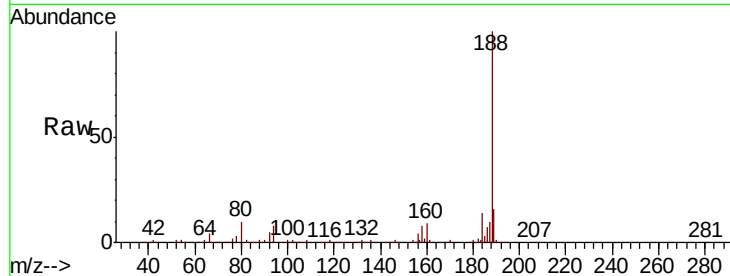




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

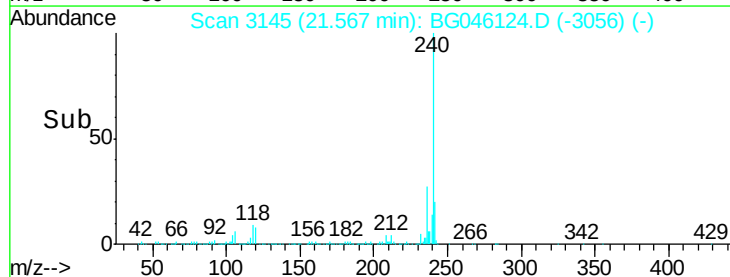
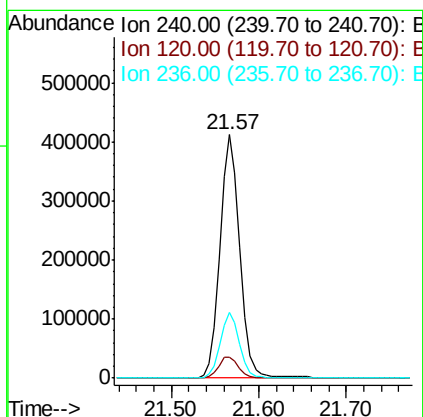
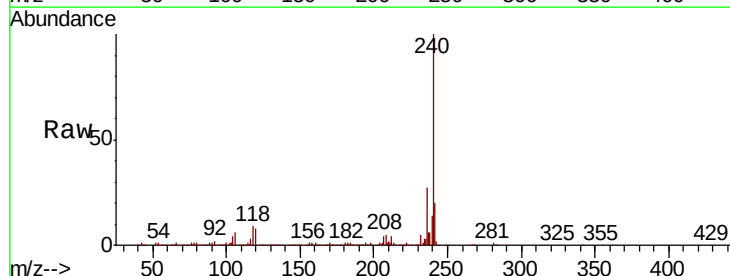
Instrument :  
BNA\_G  
ClientSampleId :  
PB130619BL

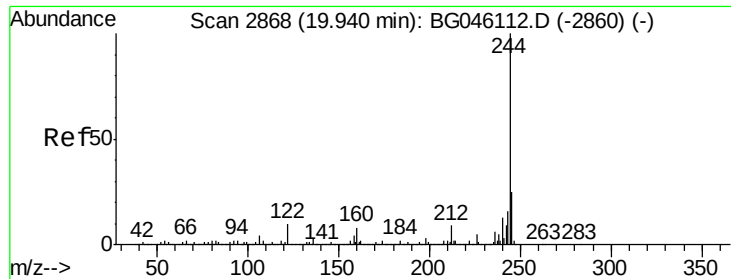
Tot Ion:188 Resp: 501494  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.4 9.6  
80 9.7 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.01 min  
Lab File: BG046124.D  
Acq: 31 Jul 2020 14:00

Tgt Ion:240 Resp: 647020  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.1 10.7  
236 26.9 21.7 32.5





#79

Terphenyl-d14

Concen: 62.439 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA\_G

ClientSampleId :

PB130619BL

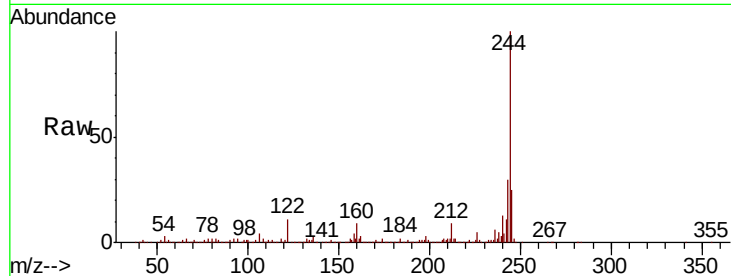
Tot Ion:244 Resp: 1983649

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

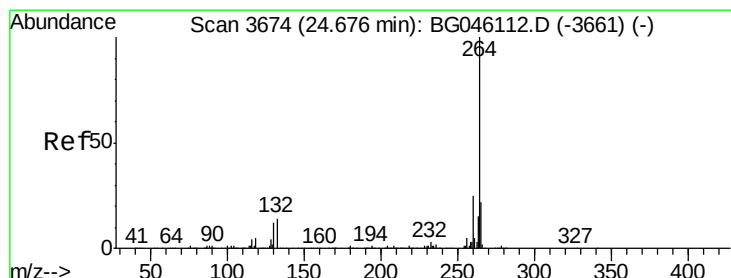
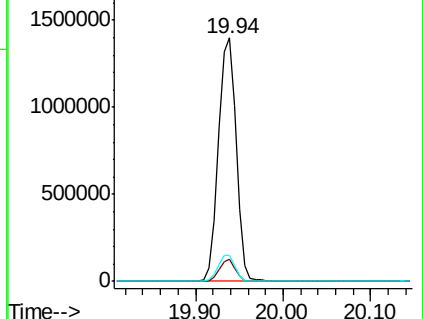
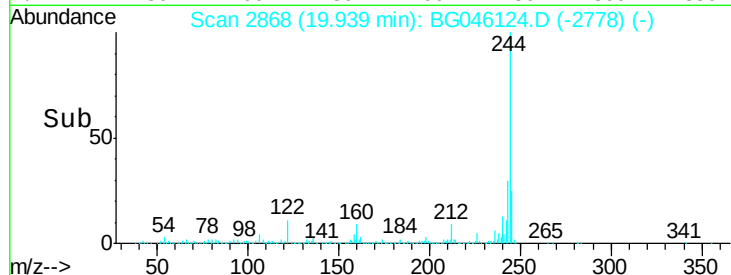
122 10.6 8.3 12.5



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: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

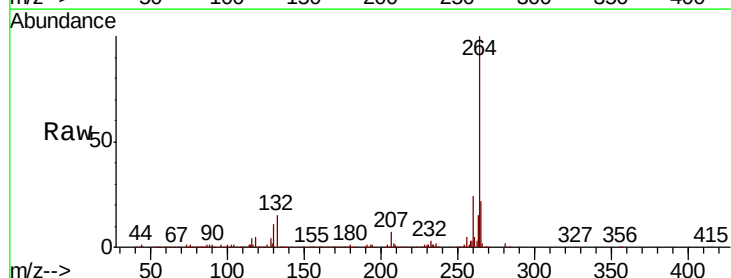
Tgt Ion:264 Resp: 629130

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.9 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

