

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040524\  
Data File : BG060794.D  
Acq On : 5 Apr 2024 13:40  
Operator : MA/JU  
Sample : P1996-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP1

Quant Time: Apr 05 14:12:44 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 30 03:12:26 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 56845    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.752 | 136  | 214291   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.583 | 164  | 167843   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.332 | 188  | 421193   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.592 | 240  | 396967   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.735 | 264  | 475912   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 333213   | 97.651  | ng    | 0.00     |
| 7) Phenol-d6                | 7.115  | 99   | 469965   | 92.784  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.107  | 82   | 291919   | 77.732  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.069 | 330  | 265206   | 139.195 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.208 | 172  | 713996   | 62.432  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.959 | 244  | 1456154  | 64.591  | ng    | 0.00     |

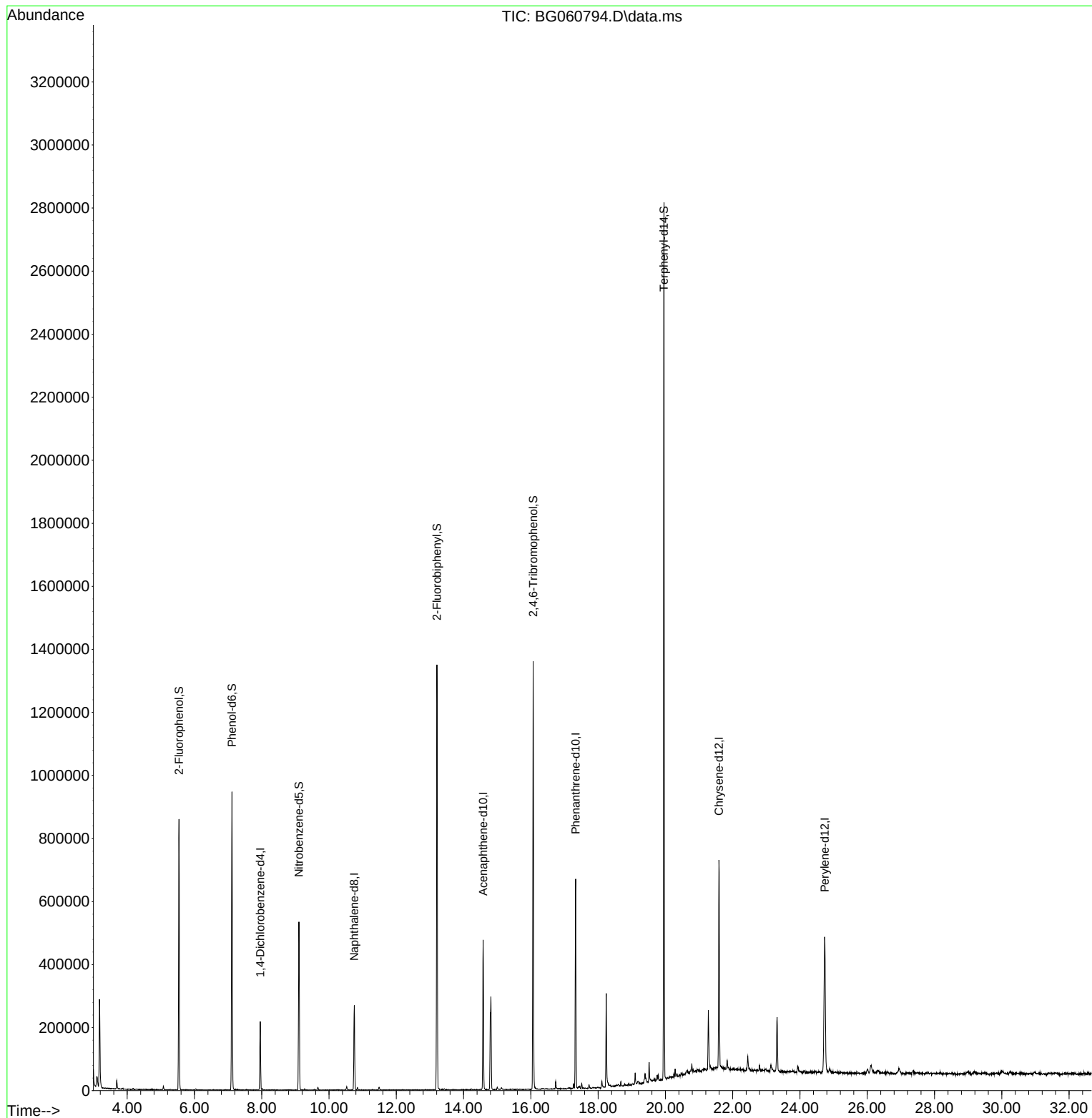
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

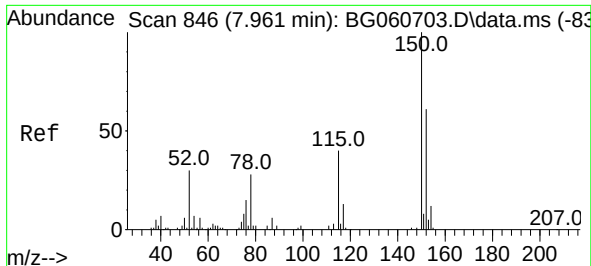
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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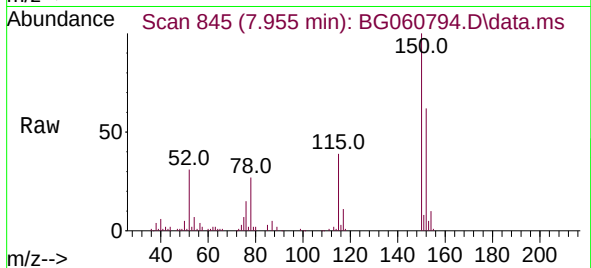
Quant Time: Apr 05 14:12:44 2024  
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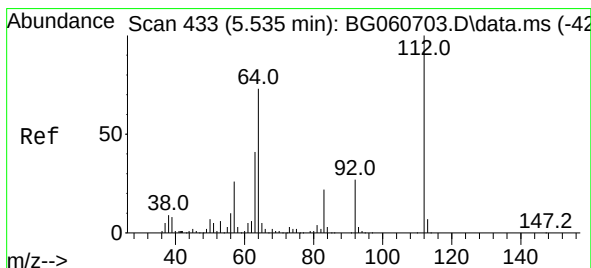
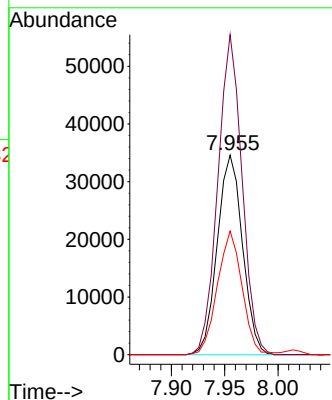
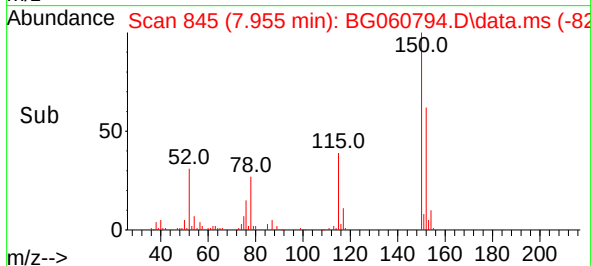


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.955 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

Instrument :  
BNA\_G  
ClientSampleId :  
TP1

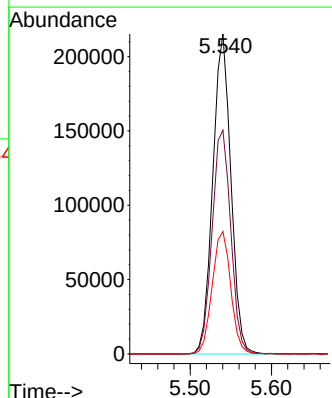
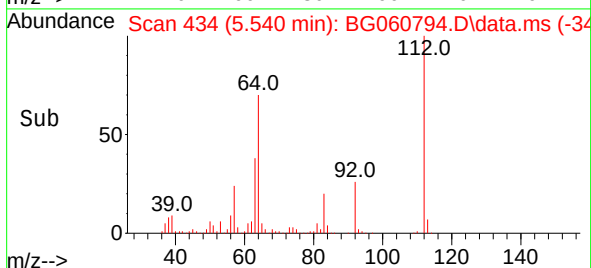
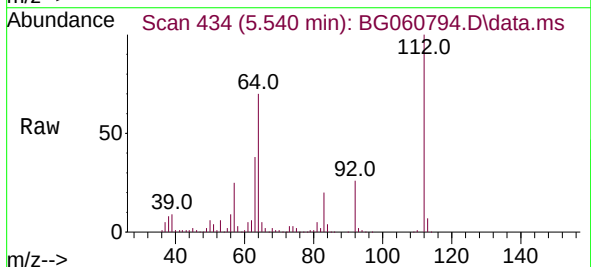


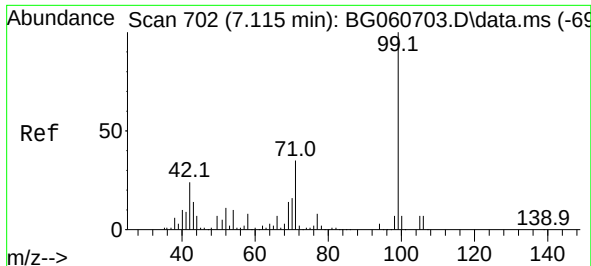
Tgt Ion:152 Resp: 56845  
Ion Ratio Lower Upper  
152 100  
150 160.3 130.2 195.4  
115 61.9 51.6 77.4



#5  
2-Fluorophenol  
Concen: 97.651 ng  
RT: 5.540 min Scan# 434  
Delta R.T. 0.005 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

Tgt Ion:112 Resp: 333213  
Ion Ratio Lower Upper  
112 100  
64 69.9 58.4 87.6  
63 38.2 32.7 49.1

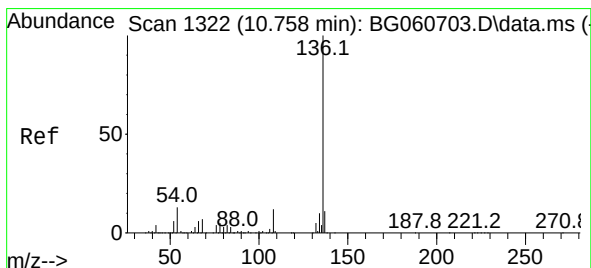
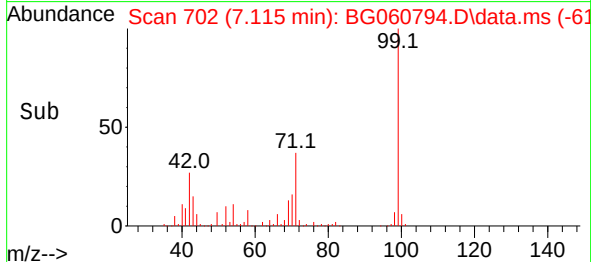
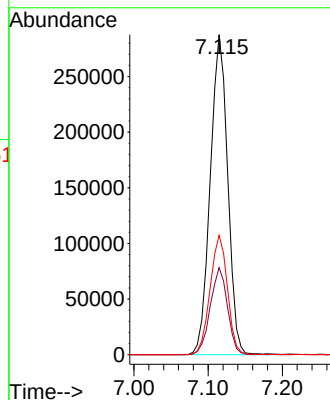
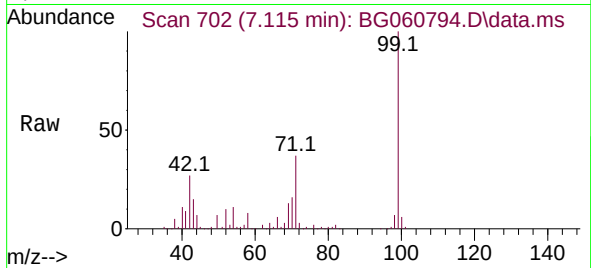




#7  
Phenol-d6  
Concen: 92.784 ng  
RT: 7.115 min Scan# 702  
Delta R.T. -0.001 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

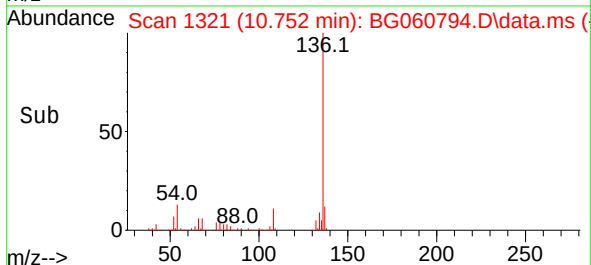
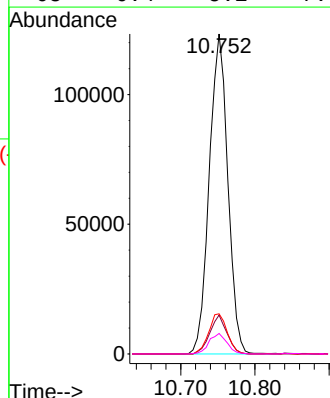
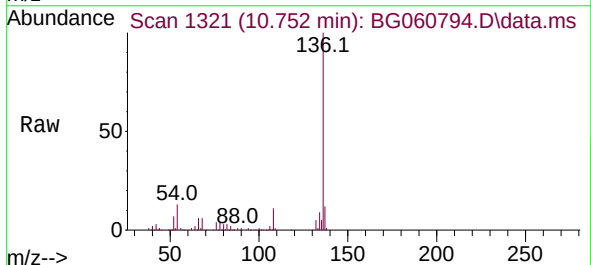
Instrument :  
BNA\_G  
ClientSampleId :  
TP1

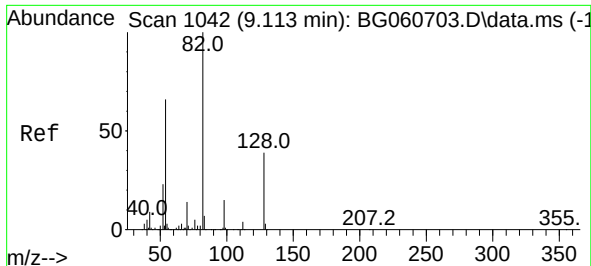
Tgt Ion: 99 Resp: 469965  
Ion Ratio Lower Upper  
99 100  
42 27.2 19.4 29.2  
71 37.3 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.752 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

Tgt Ion:136 Resp: 214291  
Ion Ratio Lower Upper  
136 100  
137 12.2 8.8 13.2  
54 12.5 10.2 15.2  
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 77.732 ng

RT: 9.107 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

Instrument :

BNA\_G

ClientSampleId :

TP1

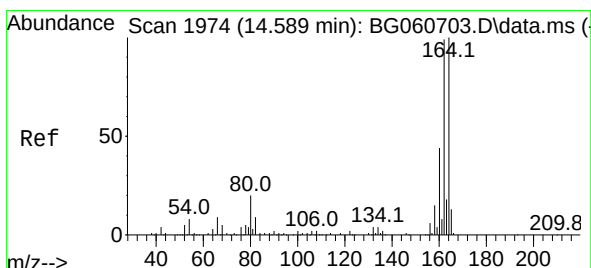
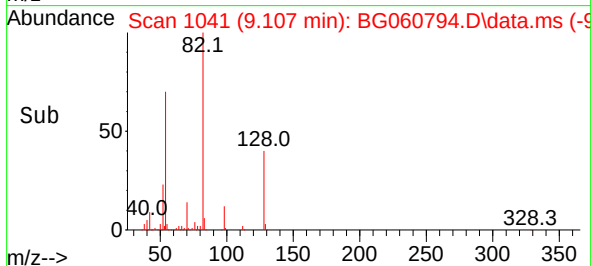
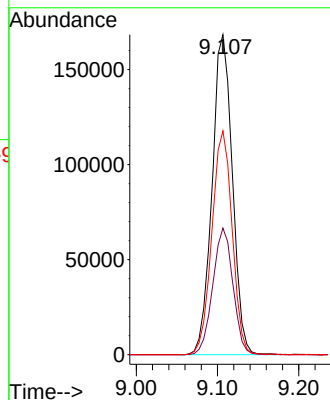
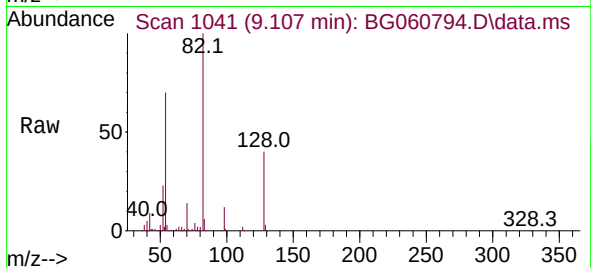
Tgt Ion: 82 Resp: 291919

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 69.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1973

Delta R.T. -0.007 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

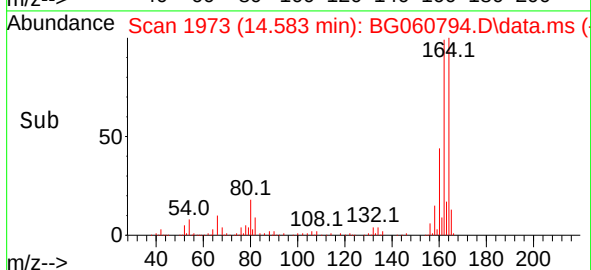
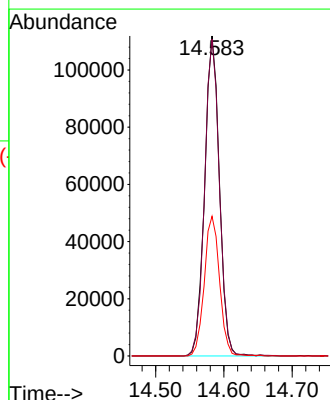
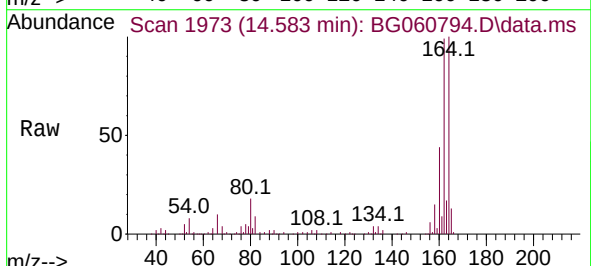
Tgt Ion:164 Resp: 167843

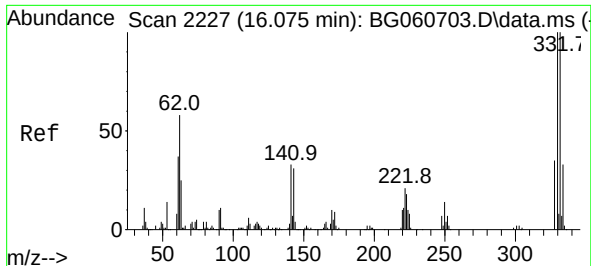
Ion Ratio Lower Upper

164 100

162 99.0 79.5 119.3

160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.195 ng

RT: 16.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060794.D

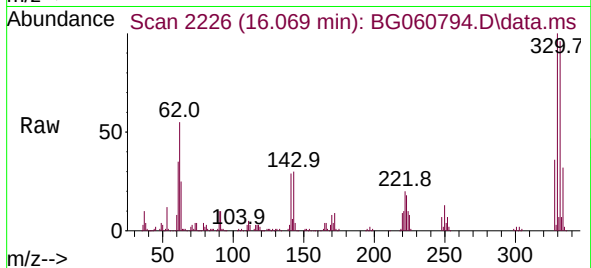
Acq: 5 Apr 2024 13:40

Instrument :

BNA\_G

ClientSampleId :

TP1



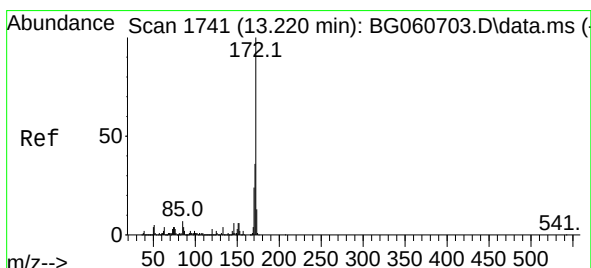
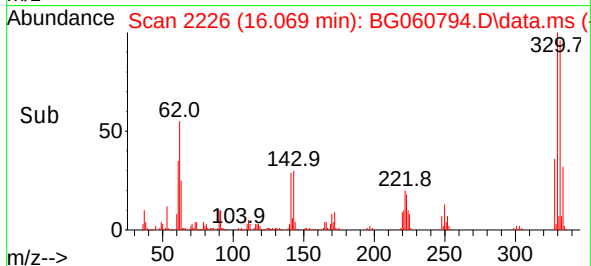
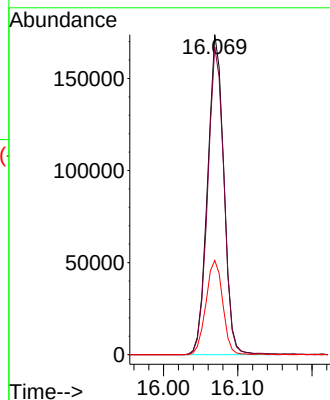
Tgt Ion:330 Resp: 265206

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.4

141 30.3 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 62.432 ng

RT: 13.208 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

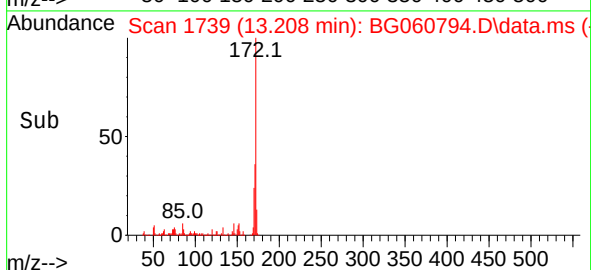
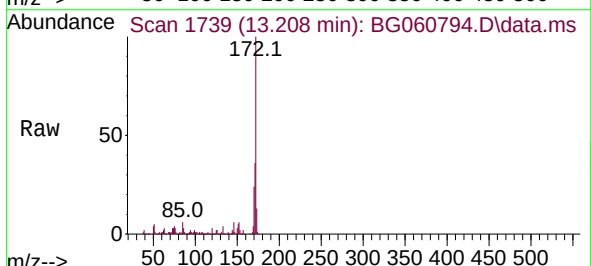
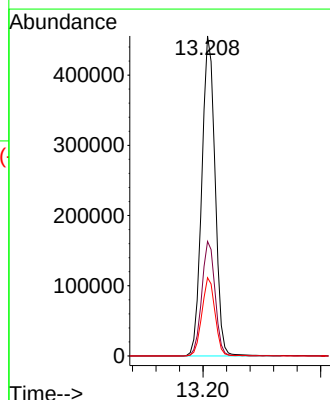
Tgt Ion:172 Resp: 713996

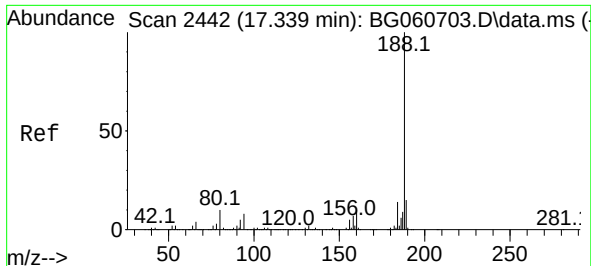
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 24.4 19.4 29.0

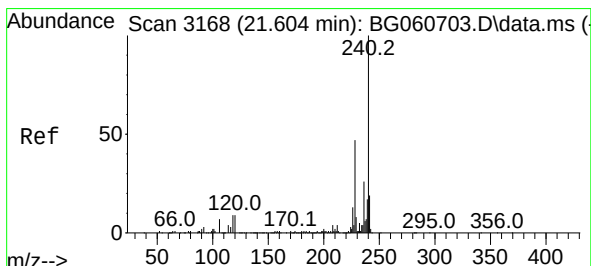
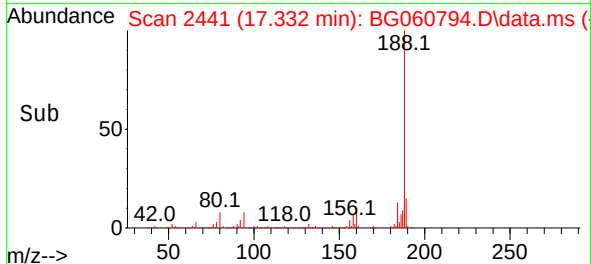
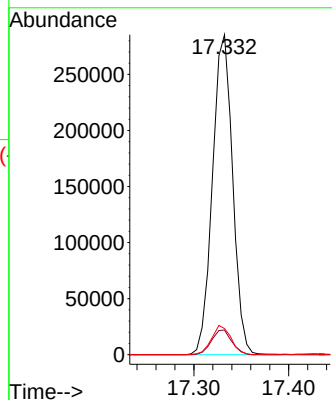
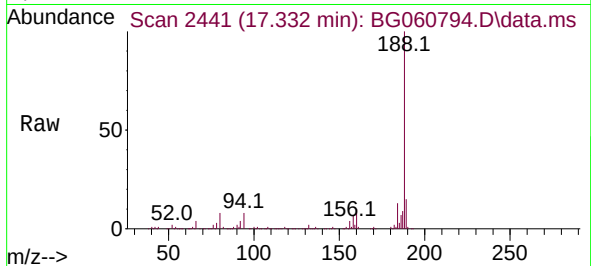




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.332 min Scan# 2441  
Delta R.T. -0.006 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

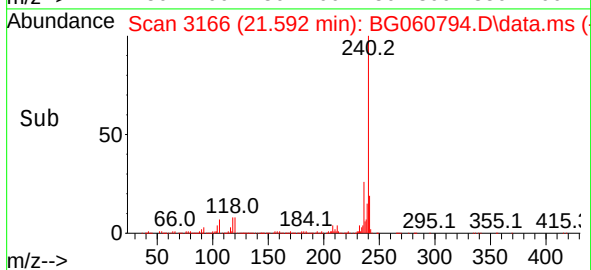
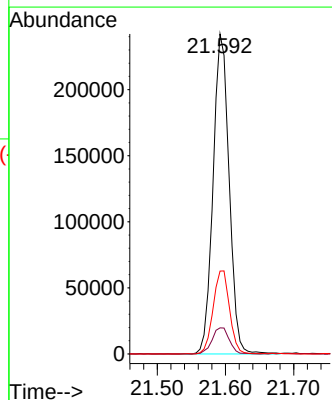
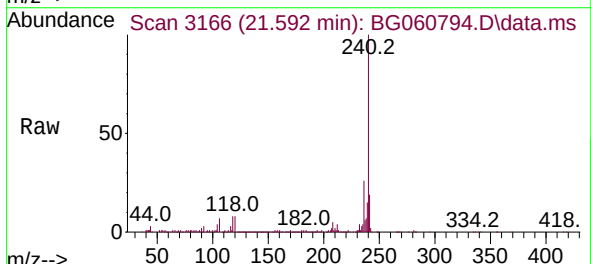
Instrument :  
BNA\_G  
ClientSampleId :  
TP1

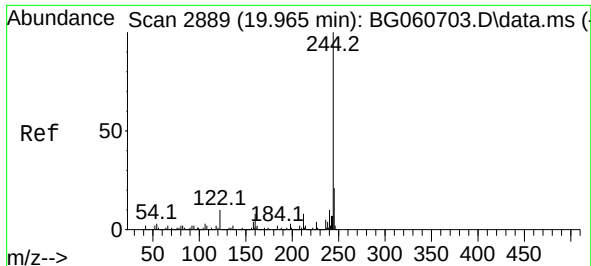
Tgt Ion:188 Resp: 421193  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.6 9.8  
80 8.2 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.592 min Scan# 3166  
Delta R.T. -0.012 min  
Lab File: BG060794.D  
Acq: 5 Apr 2024 13:40

Tgt Ion:240 Resp: 396967  
Ion Ratio Lower Upper  
240 100  
120 8.2 7.1 10.7  
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 64.591 ng

RT: 19.959 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

Instrument :

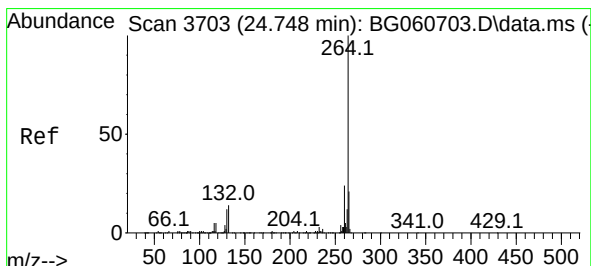
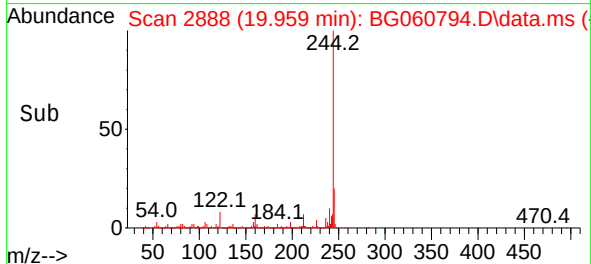
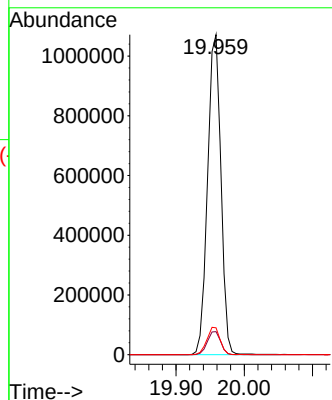
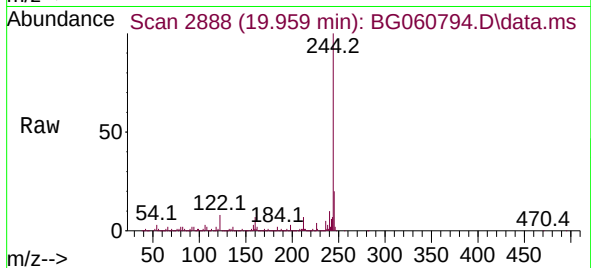
BNA\_G

ClientSampleId :

TP1

Tgt Ion:244 Resp: 1456154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.2   | 9.2   |
| 122 | 8.4   | 7.8   | 11.8  |



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3701

Delta R.T. -0.012 min

Lab File: BG060794.D

Acq: 5 Apr 2024 13:40

Tgt Ion:264 Resp: 475912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.5  | 29.3  |
| 265 | 21.2  | 16.9  | 25.3  |

