

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
 Data File : BG055639.D  
 Acq On : 16 Nov 2022 2:39  
 Operator : CG/JU  
 Sample : N5617-01 20X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-12013

Quant Time: Nov 16 03:19:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 01:36:26 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.259  | 152  | 60098    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.085 | 136  | 253843   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.875 | 164  | 169463   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.619 | 188  | 346338   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.920 | 240  | 351347   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.333 | 264  | 382977   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.786  | 112  | 15037    | 4.766  | ng    | 0.00     |
| 7) Phenol-d6                | 7.390  | 99   | 24215    | 5.556  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.422  | 82   | 14981    | 4.001  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 11432    | 6.914  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.500 | 172  | 43132    | 3.839  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.204 | 244  | 69510    | 3.974  | ng    | 0.00     |

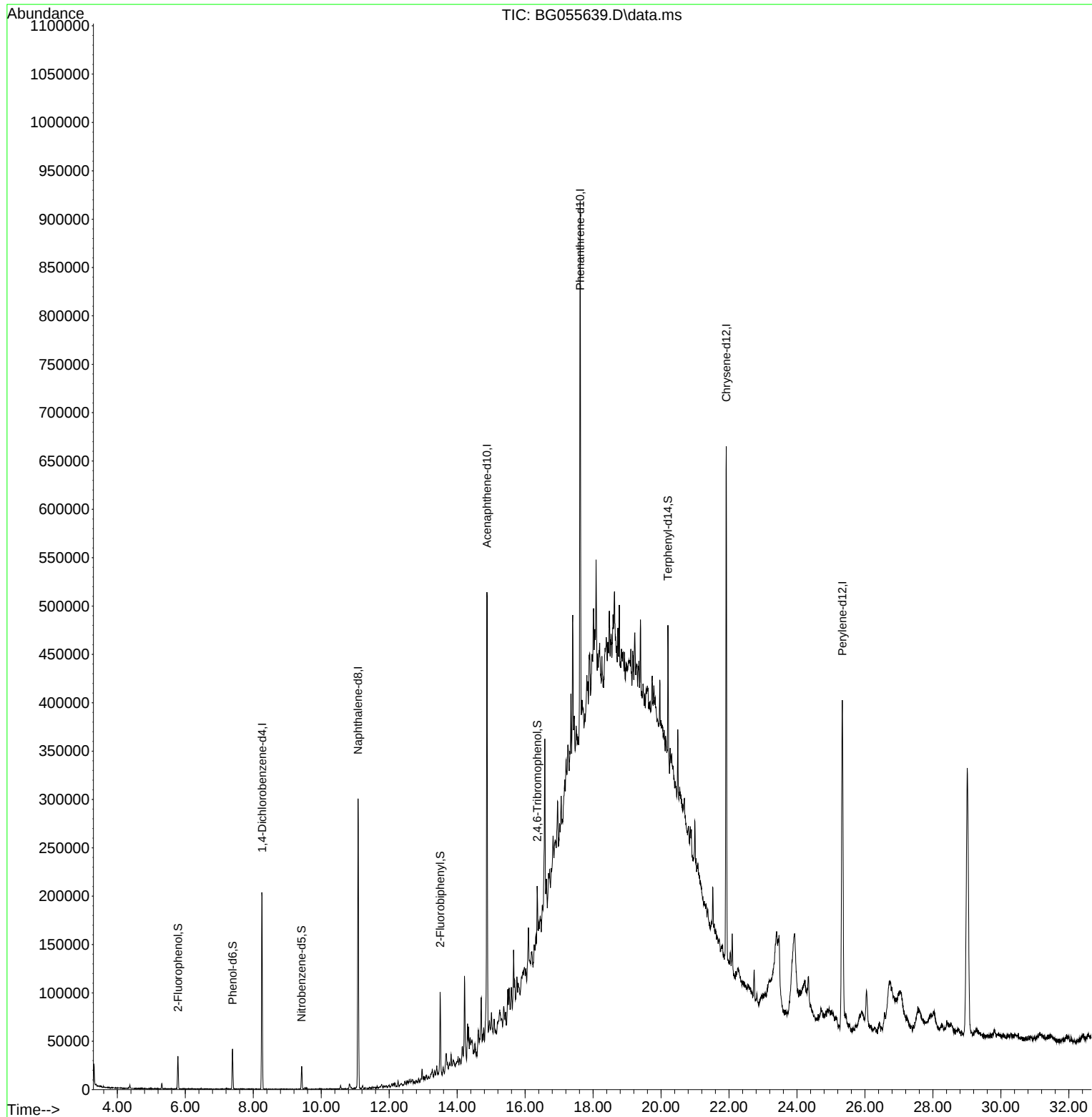
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

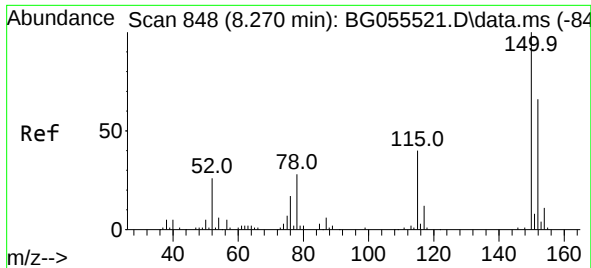
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
Data File : BG055639.D  
Acq On : 16 Nov 2022 2:39  
Operator : CG/JU  
Sample : N5617-01 20X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
72-12013

Quant Time: Nov 16 03:19:01 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 16 01:36:26 2022  
Response via : Initial Calibration

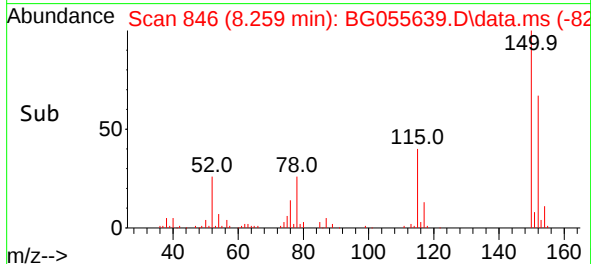
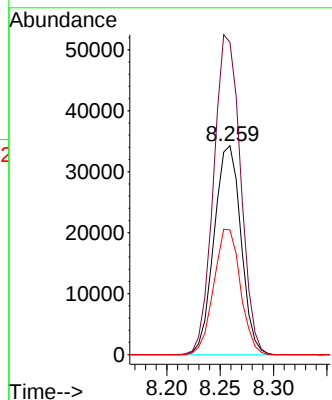
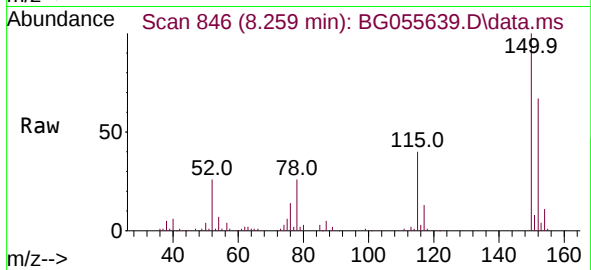




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.259 min Scan# 84  
 Delta R.T. -0.002 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39

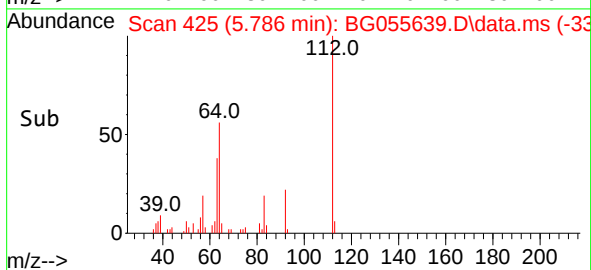
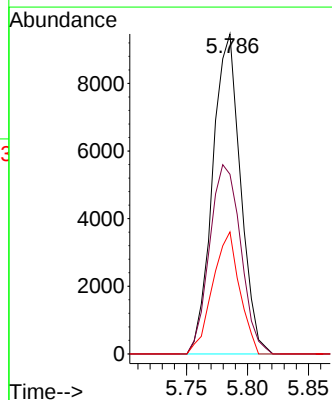
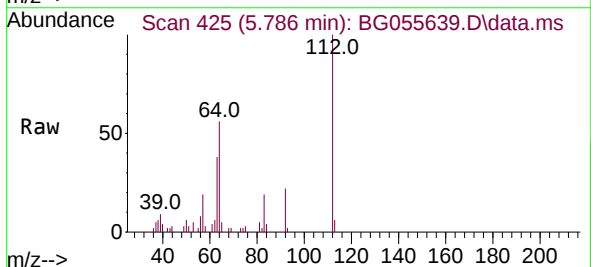
Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-12013

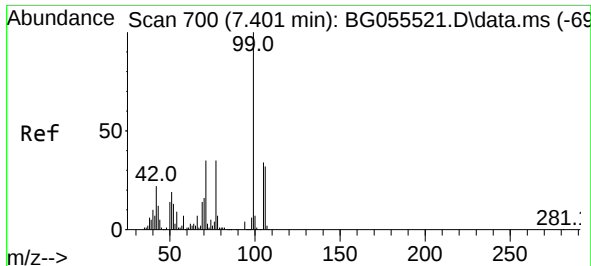
Tgt Ion:152 Resp: 60098  
 Ion Ratio Lower Upper  
 152 100  
 150 149.5 121.0 181.4  
 115 59.7 47.8 71.8



#5  
 2-Fluorophenol  
 Concen: 4.766 ng  
 RT: 5.786 min Scan# 425  
 Delta R.T. 0.004 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39

Tgt Ion:112 Resp: 15037  
 Ion Ratio Lower Upper  
 112 100  
 64 56.1 52.6 78.8  
 63 38.1 28.3 42.5

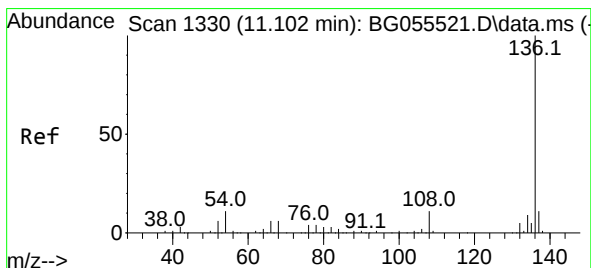
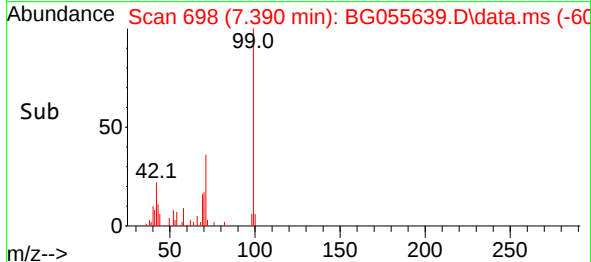
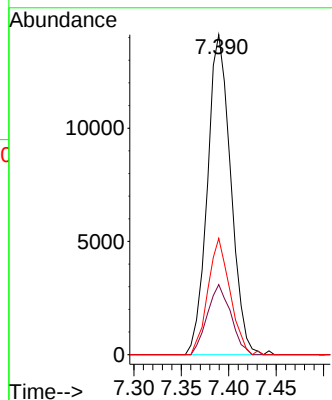
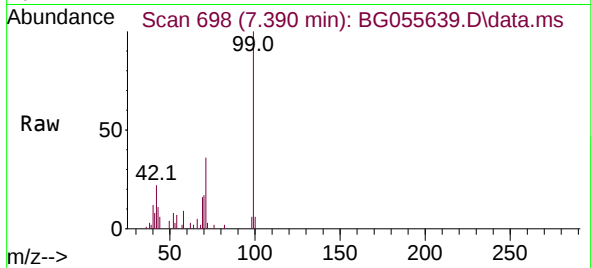




#7  
Phenol-d6  
Concen: 5.556 ng  
RT: 7.390 min Scan# 69  
Delta R.T. -0.007 min  
Lab File: BG055639.D  
Acq: 16 Nov 2022 2:39

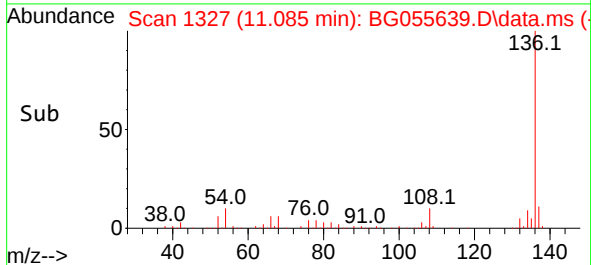
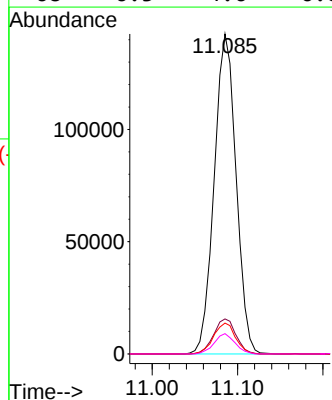
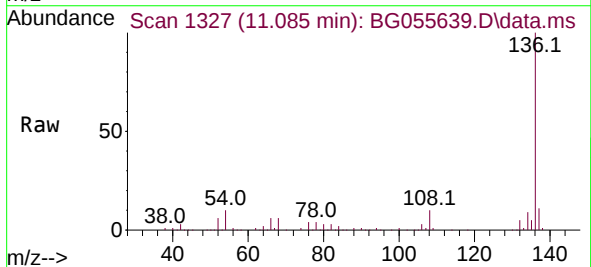
Instrument :  
BNA\_G  
ClientSampleId :  
72-12013

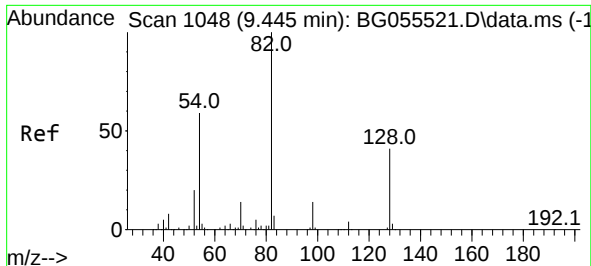
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 24215 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.9  | 17.5  | 26.3  |
| 71       | 36.3  | 28.3  | 42.5  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.085 min Scan# 1327  
Delta R.T. -0.002 min  
Lab File: BG055639.D  
Acq: 16 Nov 2022 2:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 253843 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.6   | 12.8   |
| 54       | 9.6   | 8.6   | 12.8   |
| 68       | 6.3   | 4.6   | 6.8    |





#23

Nitrobenzene-d5

Concen: 4.001 ng

RT: 9.422 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055639.D

Acq: 16 Nov 2022 2:39

Instrument :

BNA\_G

ClientSampleId :

72-12013

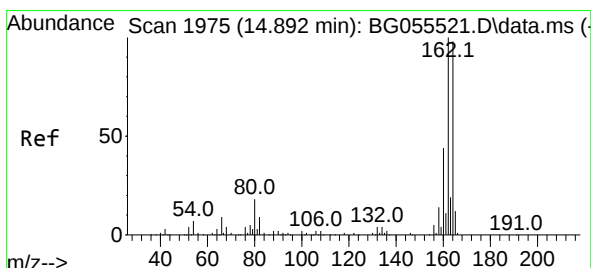
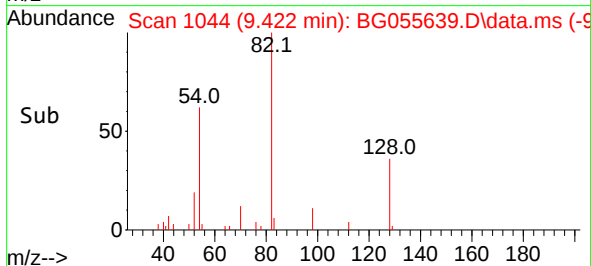
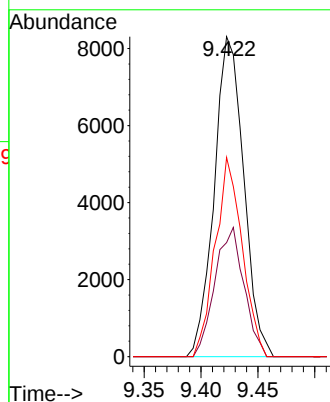
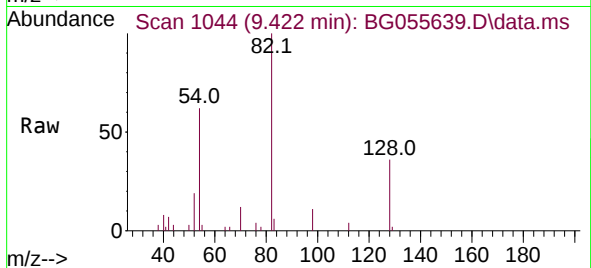
Tgt Ion: 82 Resp: 14981

Ion Ratio Lower Upper

82 100

128 35.6 32.6 49.0

54 62.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055639.D

Acq: 16 Nov 2022 2:39

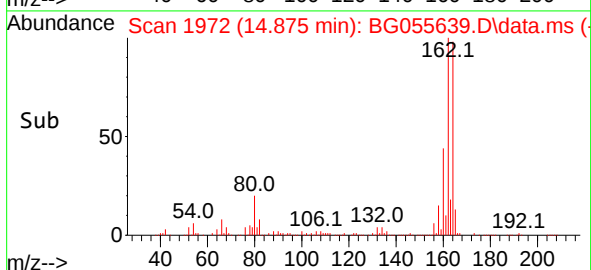
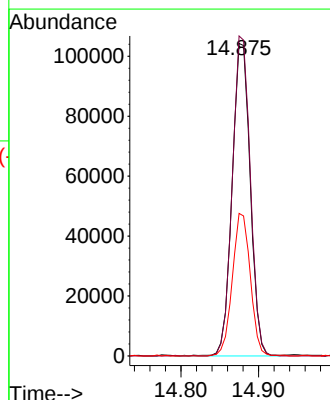
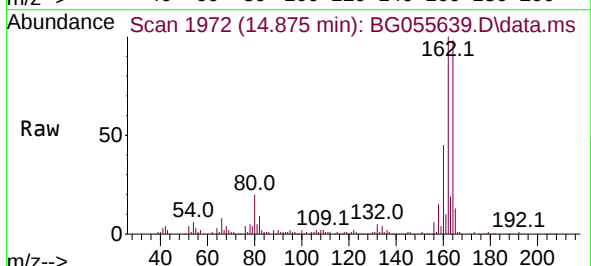
Tgt Ion: 164 Resp: 169463

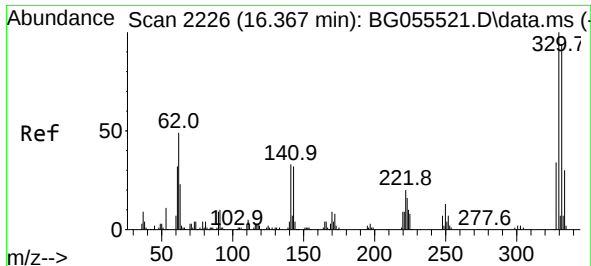
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

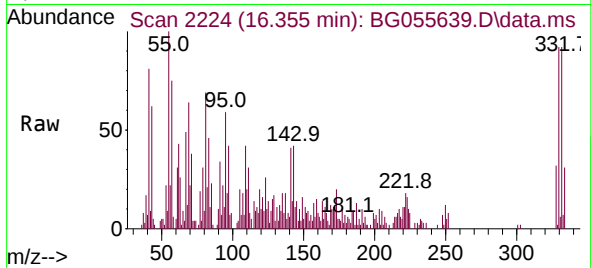
160 45.6 35.9 53.9



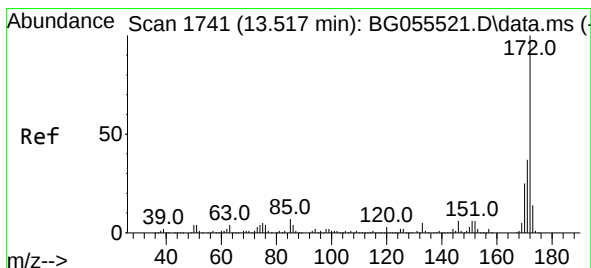
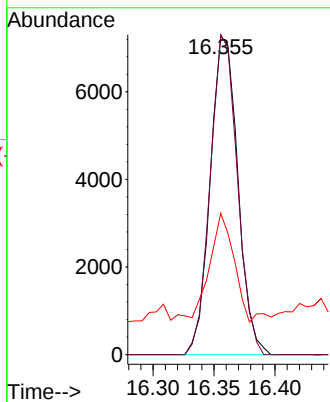
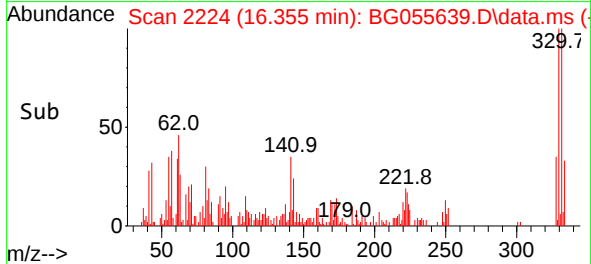


#42  
 2,4,6-Tribromophenol  
 Concen: 6.914 ng  
 RT: 16.355 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39

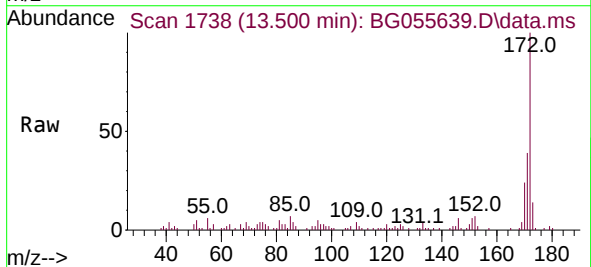
Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-12013



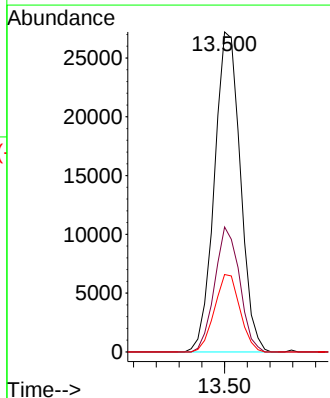
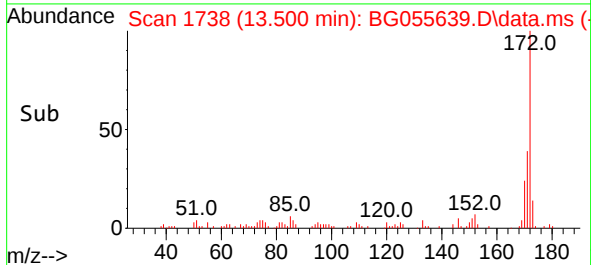
Tgt Ion:330 Resp: 11432  
 Ion Ratio Lower Upper  
 330 100  
 332 98.7 77.4 116.2  
 141 28.9 25.4 38.2

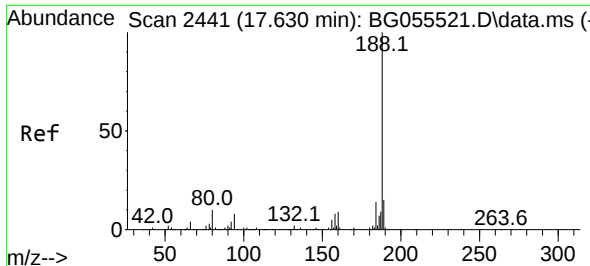


#45  
 2-Fluorobiphenyl  
 Concen: 3.839 ng  
 RT: 13.500 min Scan# 1738  
 Delta R.T. -0.007 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39



Tgt Ion:172 Resp: 43132  
 Ion Ratio Lower Upper  
 172 100  
 171 39.0 29.7 44.5  
 170 24.2 19.8 29.6

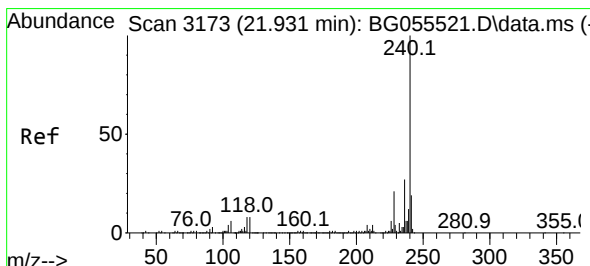
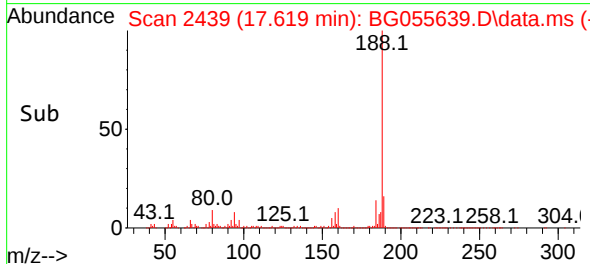
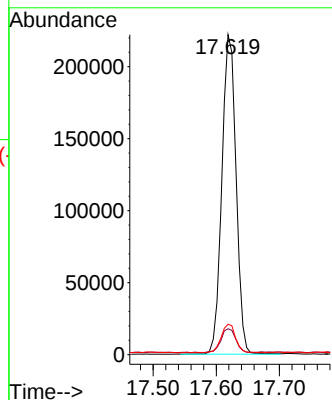
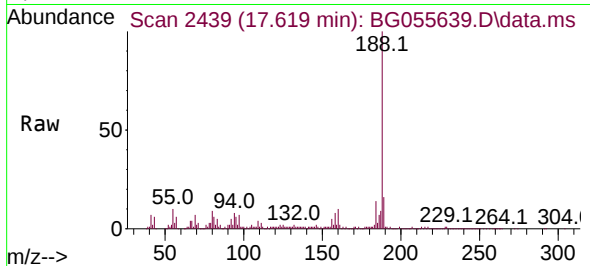




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.619 min Scan# 2441  
Delta R.T. -0.002 min  
Lab File: BG055639.D  
Acq: 16 Nov 2022 2:39

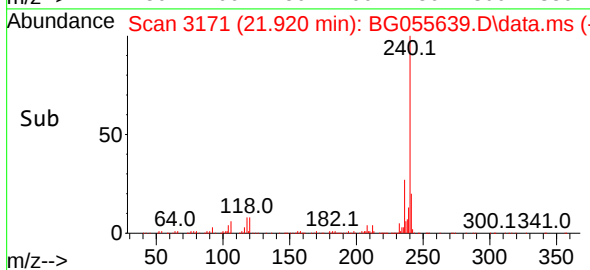
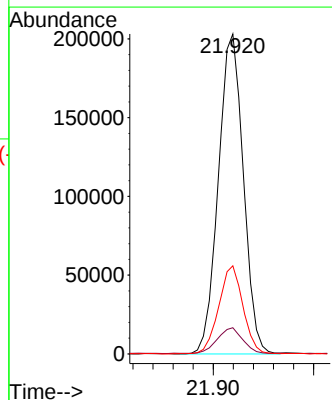
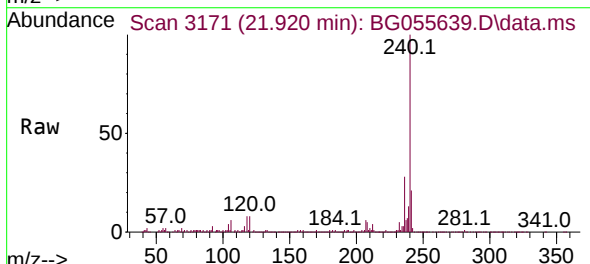
Instrument :  
BNA\_G  
ClientSampleId :  
72-12013

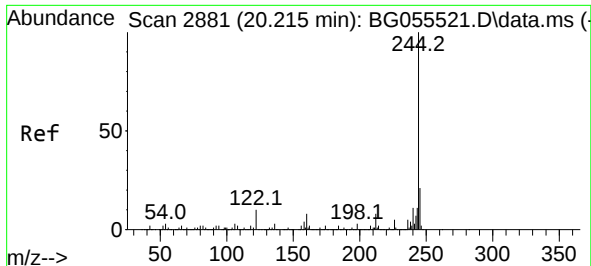
Tgt Ion:188 Resp: 346338  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.4 9.6  
80 9.5 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.920 min Scan# 3171  
Delta R.T. -0.002 min  
Lab File: BG055639.D  
Acq: 16 Nov 2022 2:39

Tgt Ion:240 Resp: 351347  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.1 9.1  
236 27.5 21.4 32.0

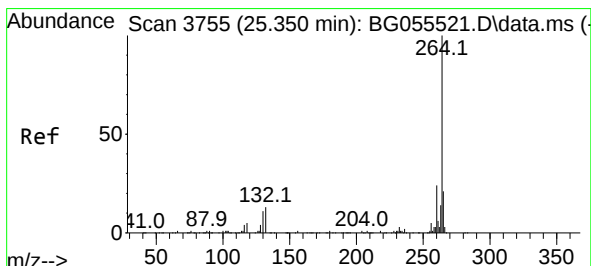
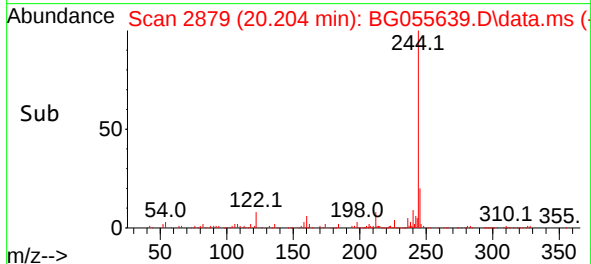
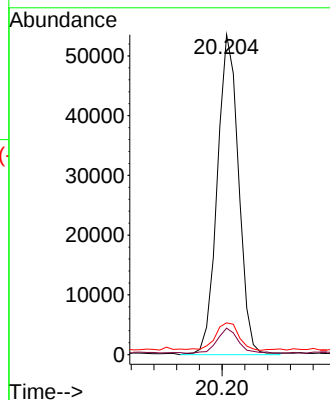
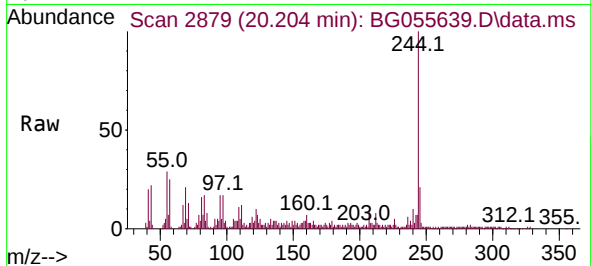




#79  
 Terphenyl-d14  
 Concen: 3.974 ng  
 RT: 20.204 min Scan# 2881  
 Delta R.T. -0.007 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-12013

Tgt Ion:244 Resp: 69510  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.5 9.7  
 122 9.9 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.333 min Scan# 3752  
 Delta R.T. -0.002 min  
 Lab File: BG055639.D  
 Acq: 16 Nov 2022 2:39

Tgt Ion:264 Resp: 382977  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.4 29.2  
 265 22.4 17.1 25.7

