

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031022\  
 Data File : BG052631.D  
 Acq On : 10 Mar 2022 13:07  
 Operator : CG/JU  
 Sample : N1845-13RE 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SAMPLE-13RE

Quant Time: Mar 11 03:44:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 06:37:54 2022  
 Response via : Initial Calibration

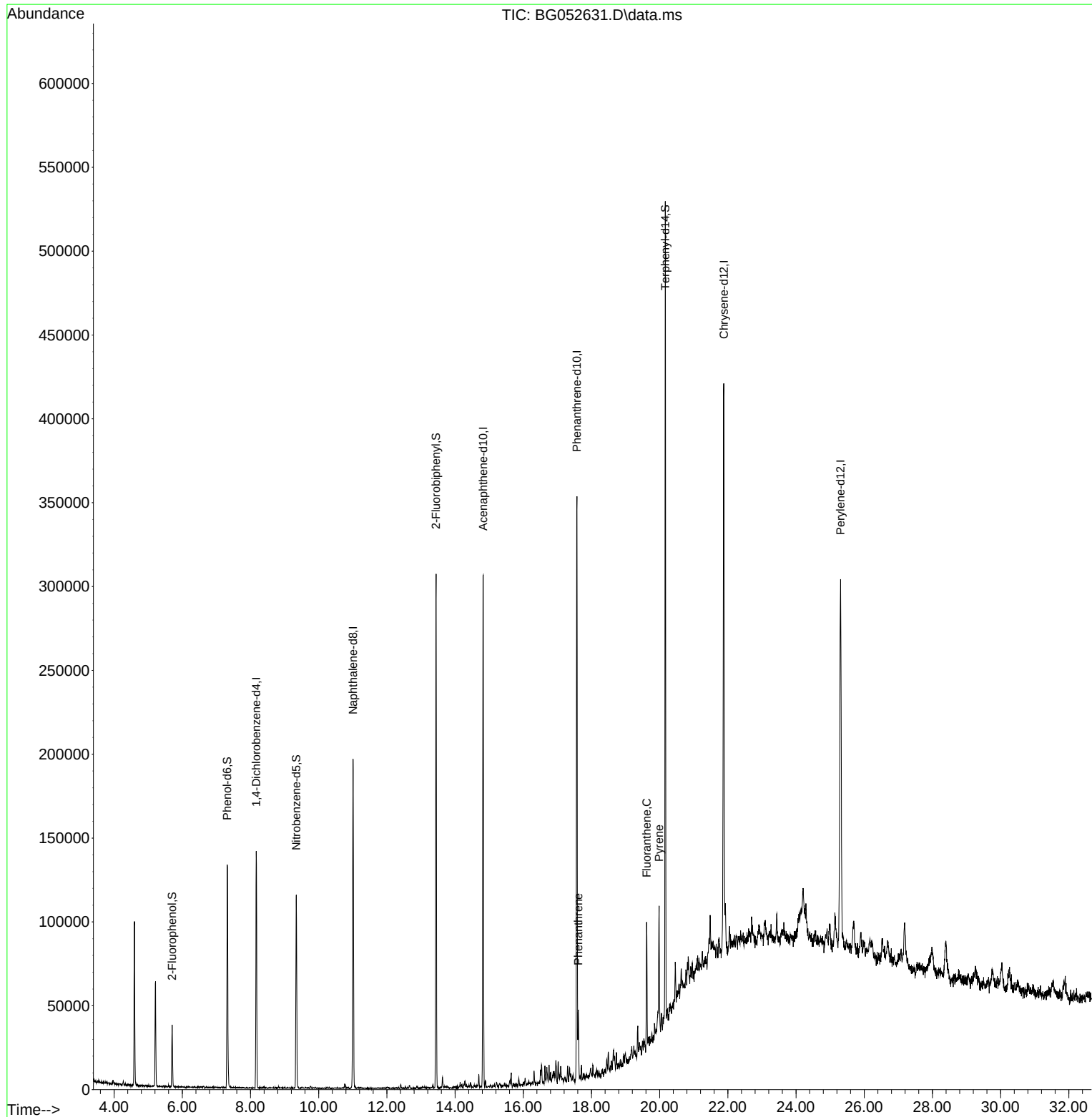
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.170  | 152  | 43598    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.007 | 136  | 170753   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.826 | 164  | 109570   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.575 | 188  | 227915   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.881 | 240  | 224386   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.306 | 264  | 232754   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.703  | 112  | 17214    | 6.821  | ng    | 0.00     |
| 7) Phenol-d6                | 7.318  | 99   | 79269    | 21.702 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.345  | 82   | 76093    | 20.201 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.318 | 330  | 1695     | 1.091  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.445 | 172  | 166084   | 20.459 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.165 | 244  | 252948   | 19.948 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 17.616 | 178  | 26539    | 2.219  | ng    | 96       |
| 75) Fluoranthene            | 19.619 | 202  | 47021    | 3.149  | ng    | 100      |
| 78) Pyrene                  | 19.983 | 202  | 42806    | 2.854  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

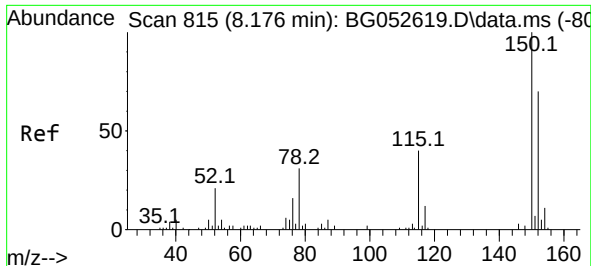
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031022\  
Data File : BG052631.D  
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ALS Vial : 5 Sample Multiplier: 1

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BNA\_G  
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SAMPLE-13RE

Quant Time: Mar 11 03:44:28 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 06:37:54 2022  
Response via : Initial Calibration

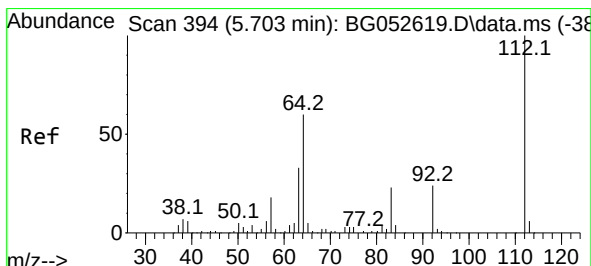
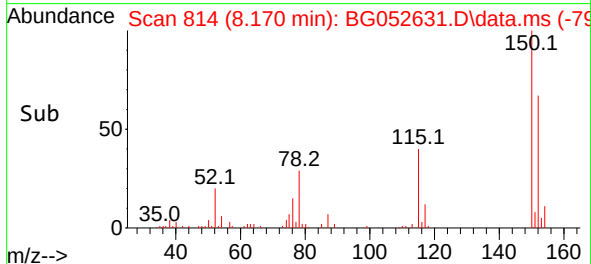
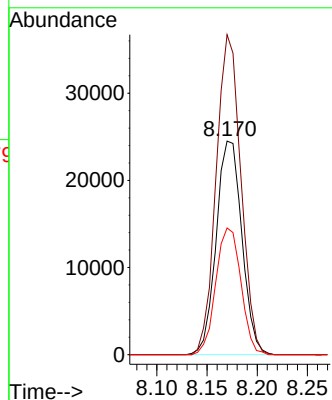
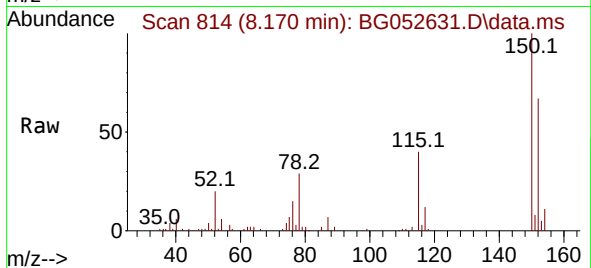




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.170 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

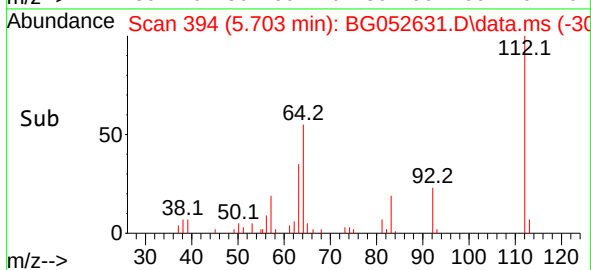
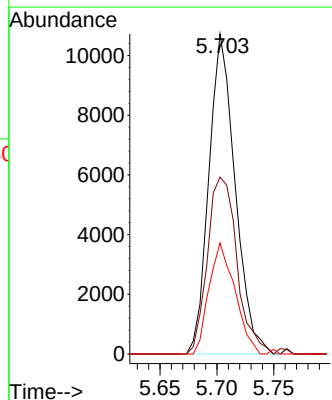
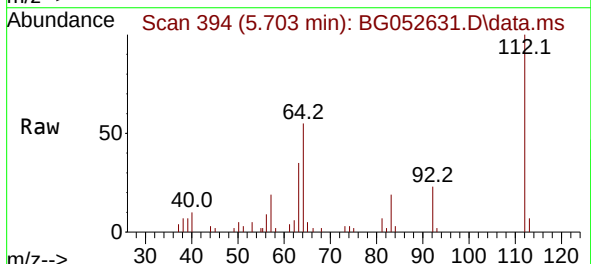
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BNA\_G  
ClientSampleId :  
SAMPLE-13RE

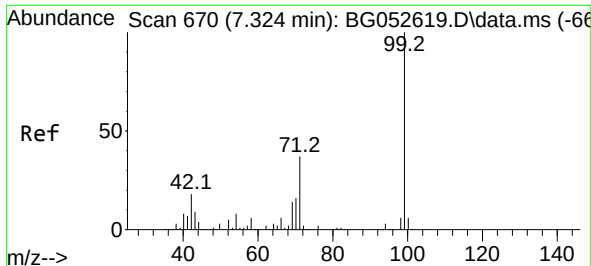
Tgt Ion:152 Resp: 43598  
Ion Ratio Lower Upper  
152 100  
150 149.9 114.6 172.0  
115 59.4 45.9 68.9



#5  
2-Fluorophenol  
Concen: 6.821 ng  
RT: 5.703 min Scan# 394  
Delta R.T. -0.000 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

Tgt Ion:112 Resp: 17214  
Ion Ratio Lower Upper  
112 100  
64 55.3 48.0 72.0  
63 34.7 26.5 39.7

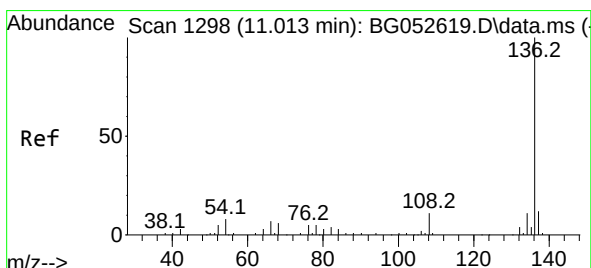
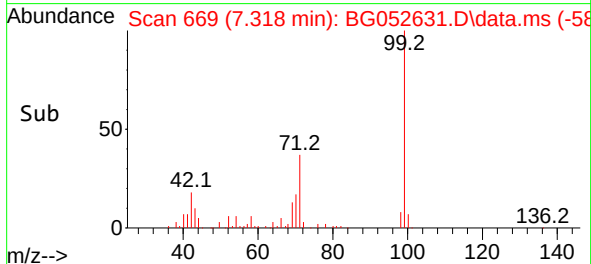
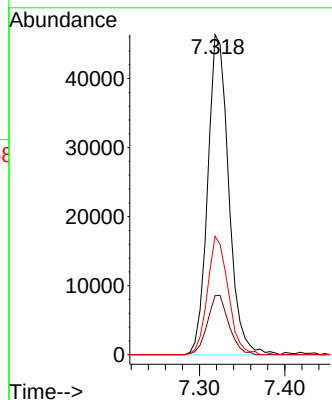
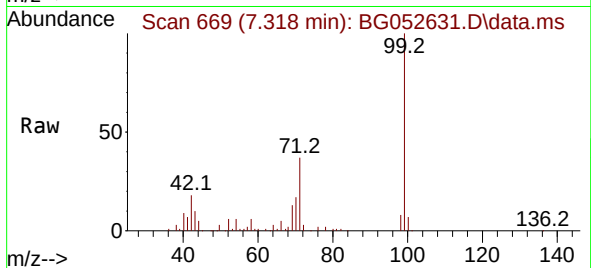




#7  
Phenol-d6  
Concen: 21.702 ng  
RT: 7.318 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

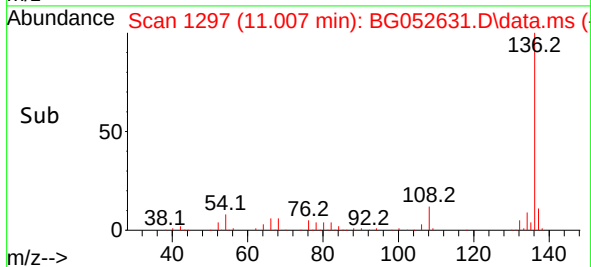
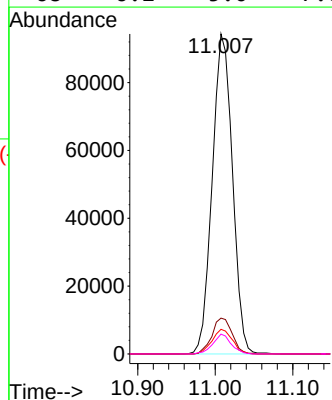
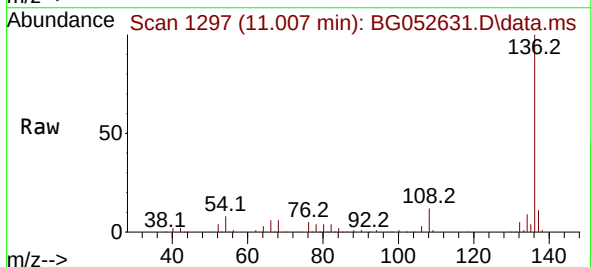
Instrument :  
BNA\_G  
ClientSampleId :  
SAMPLE-13RE

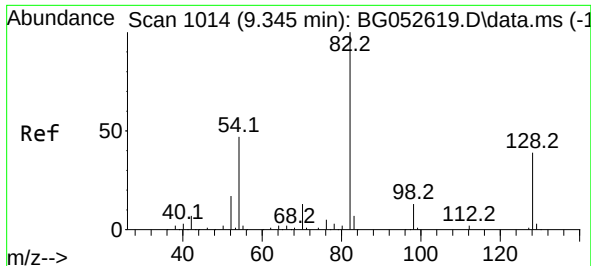
Tgt Ion: 99 Resp: 79269  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.7 22.1  
71 37.0 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.007 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

Tgt Ion: 136 Resp: 170753  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.4 14.2  
54 7.7 6.4 9.6  
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 20.201 ng

RT: 9.345 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

Instrument :

BNA\_G

ClientSampleId :

SAMPLE-13RE

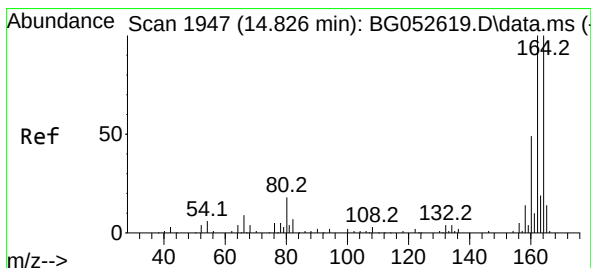
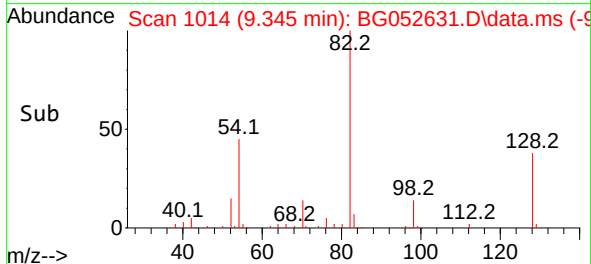
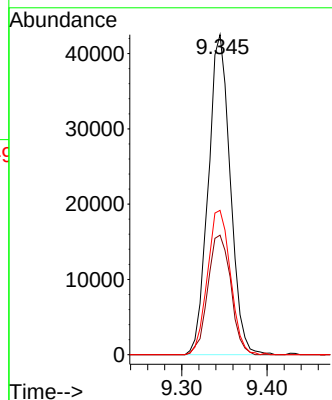
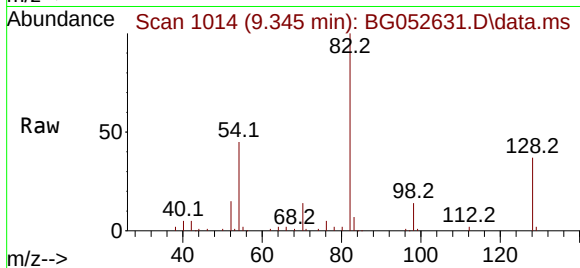
Tgt Ion: 82 Resp: 76093

Ion Ratio Lower Upper

82 100

128 37.3 31.3 46.9

54 45.1 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.826 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BG052631.D

Acq: 10 Mar 2022 13:07

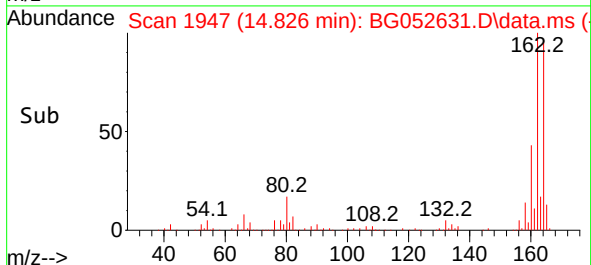
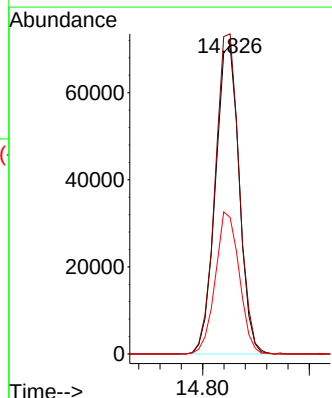
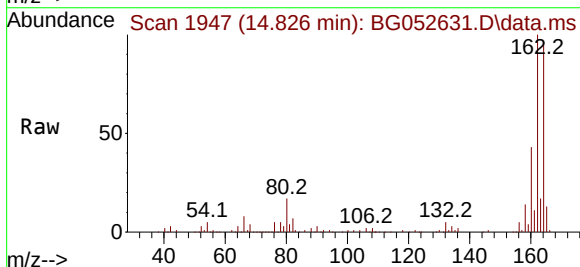
Tgt Ion:164 Resp: 109570

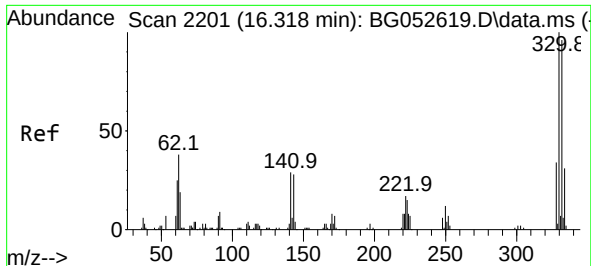
Ion Ratio Lower Upper

164 100

162 103.7 80.0 120.0

160 44.2 38.8 58.2

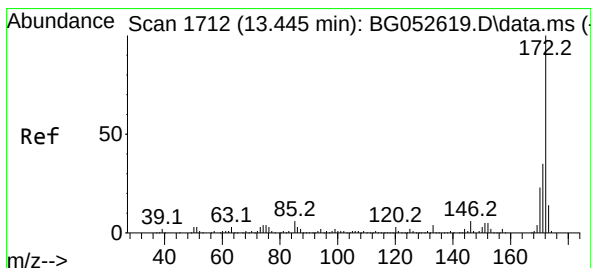
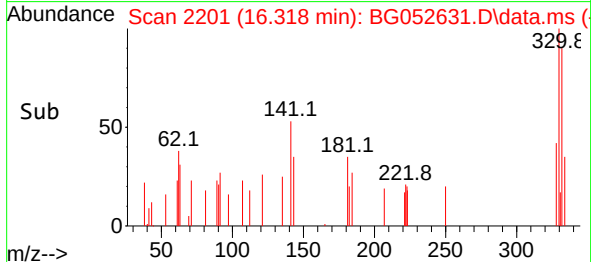
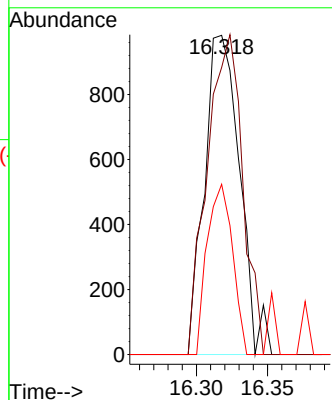
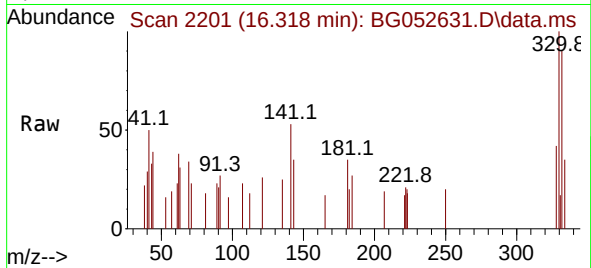




#42  
2,4,6-Tribromophenol  
Concen: 1.091 ng  
RT: 16.318 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

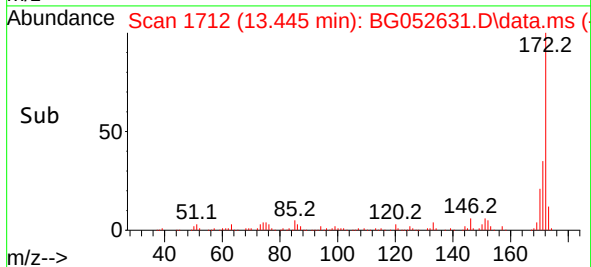
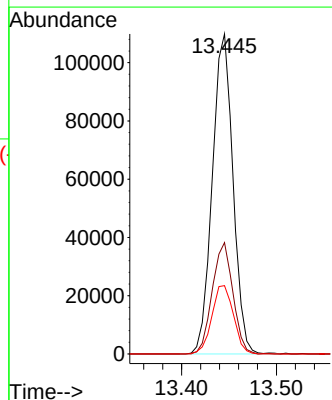
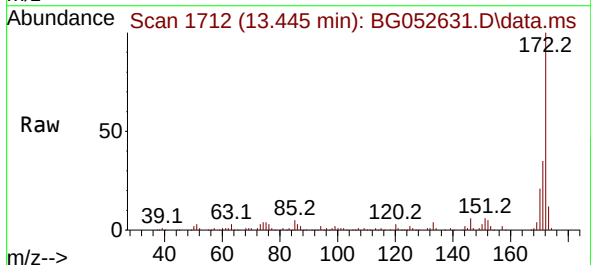
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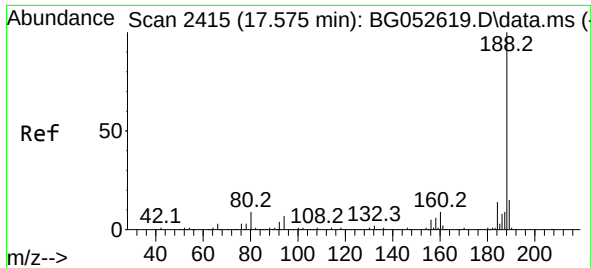
Tgt Ion:330 Resp: 1695  
Ion Ratio Lower Upper  
330 100  
332 100.6 75.8 113.6  
141 38.4 24.6 36.8#



#45  
2-Fluorobiphenyl  
Concen: 20.459 ng  
RT: 13.445 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

Tgt Ion:172 Resp: 166084  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 21.4 18.0 27.0

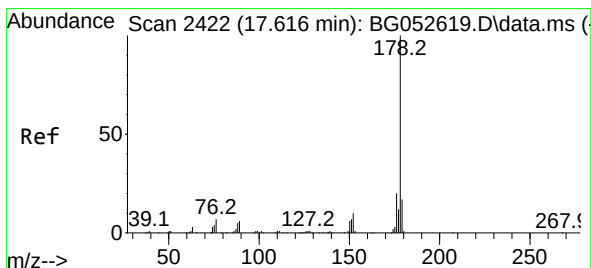
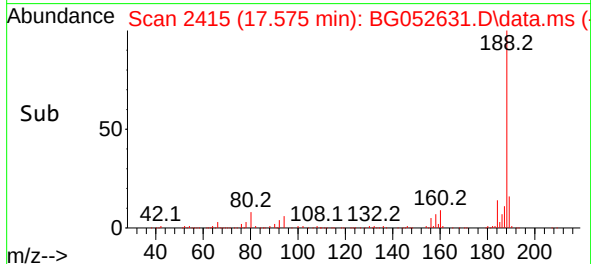
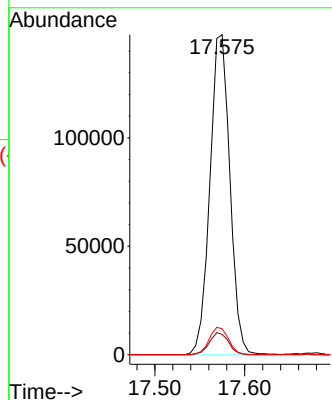
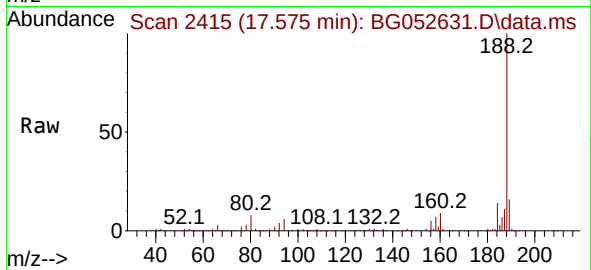




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.575 min Scan# 2415  
Delta R.T. -0.000 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

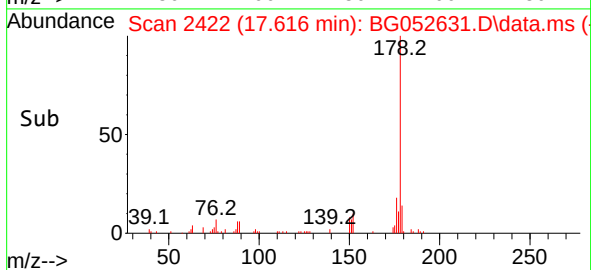
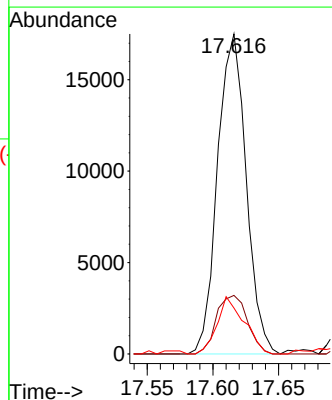
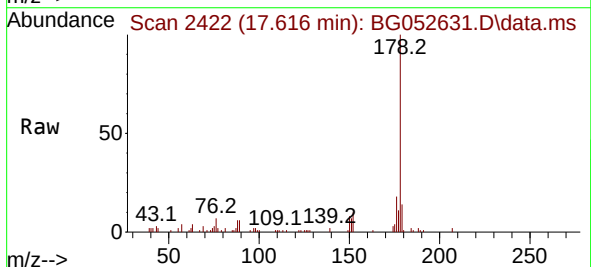
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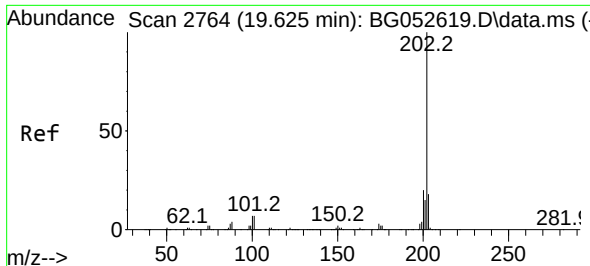
Tgt Ion:188 Resp: 227915  
Ion Ratio Lower Upper  
188 100  
94 6.3 5.7 8.5  
80 8.1 7.2 10.8



#71  
Phenanthrene  
Concen: 2.219 ng  
RT: 17.616 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

Tgt Ion:178 Resp: 26539  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.9 23.9  
179 14.4 13.4 20.2

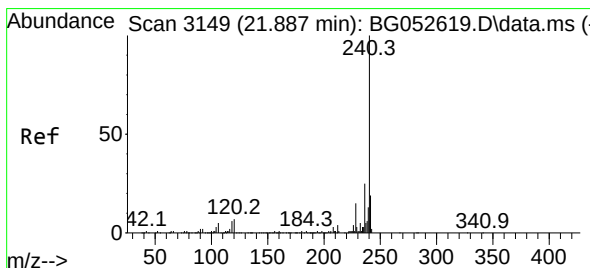
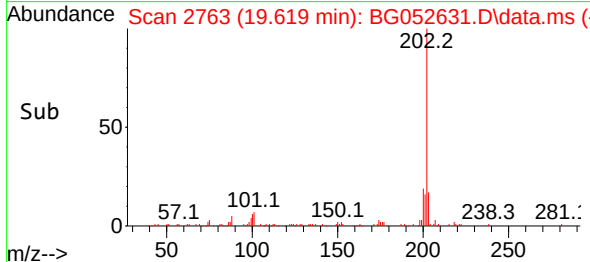
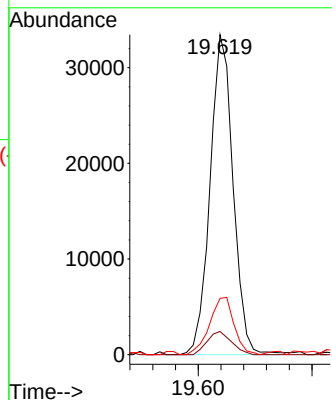
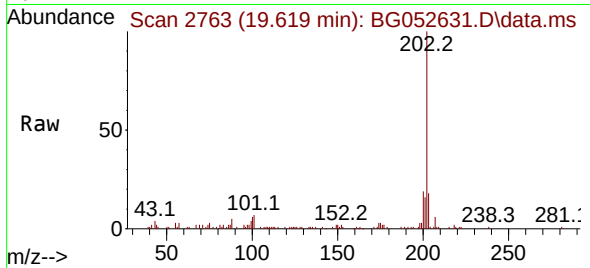




#75  
Fluoranthene  
Concen: 3.149 ng  
RT: 19.619 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

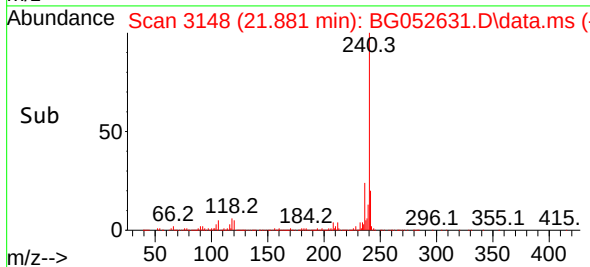
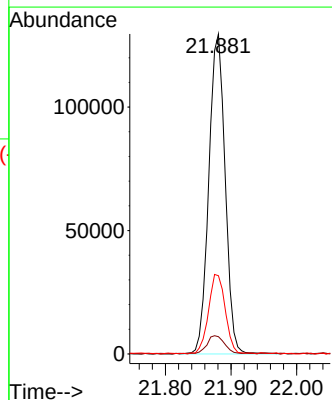
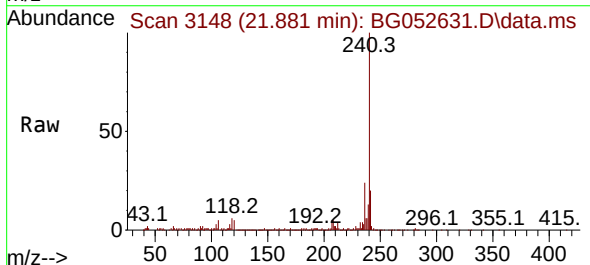
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BNA\_G  
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SAMPLE-13RE

Tgt Ion:202 Resp: 47021  
Ion Ratio Lower Upper  
202 100  
101 7.3 0.0 27.3  
203 17.6 0.0 37.7

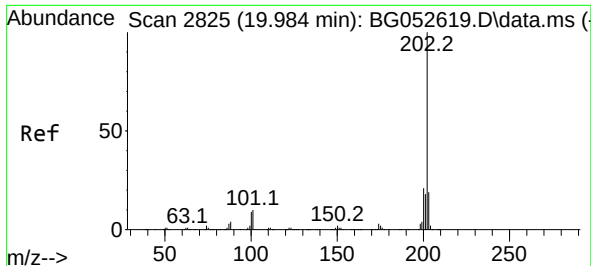


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.881 min Scan# 3148  
Delta R.T. -0.006 min  
Lab File: BG052631.D  
Acq: 10 Mar 2022 13:07

Tgt Ion:240 Resp: 224386  
Ion Ratio Lower Upper  
240 100  
120 5.4 5.4 8.0  
236 24.5 19.8 29.6



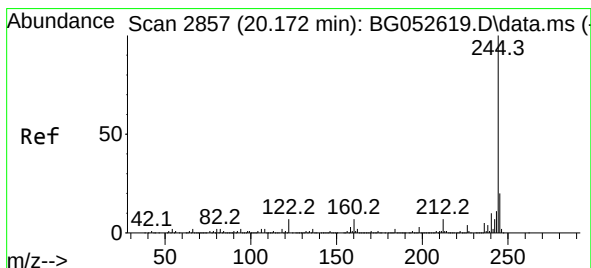
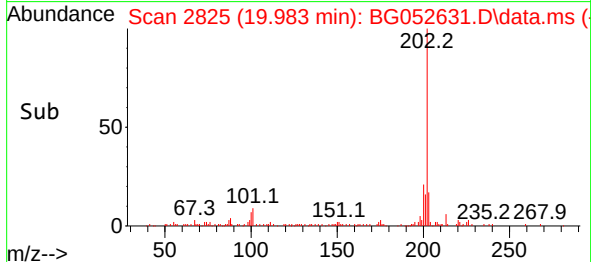
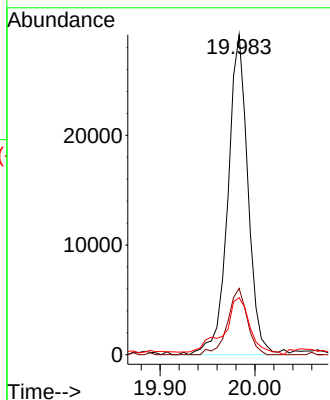
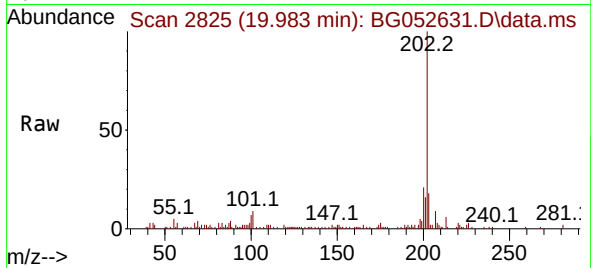




#78  
 Pyrene  
 Concen: 2.854 ng  
 RT: 19.983 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG052631.D  
 Acq: 10 Mar 2022 13:07

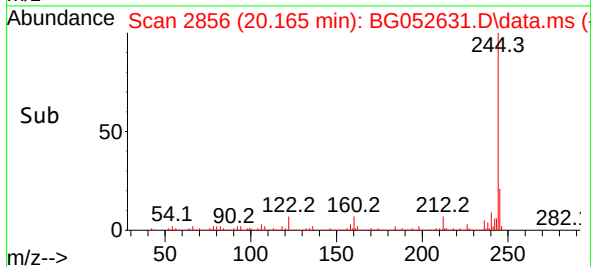
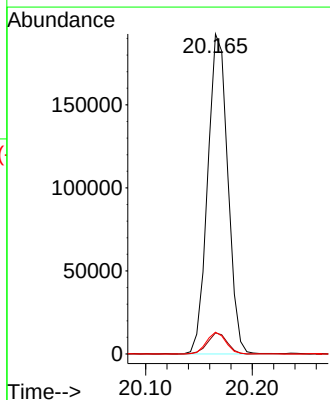
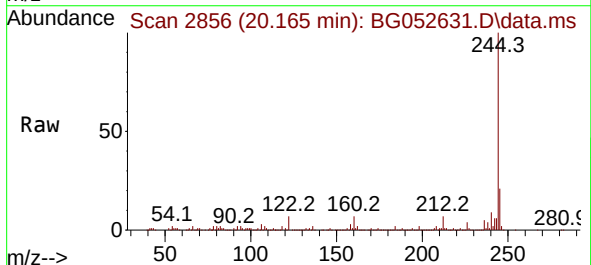
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 ClientSampleId :  
 SAMPLE-13RE

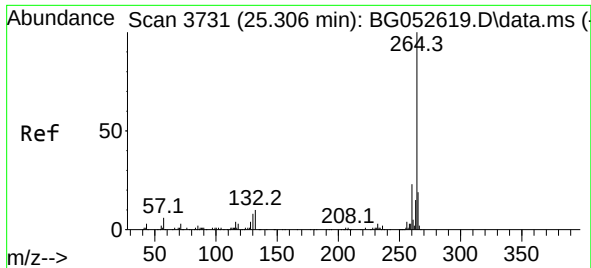
Tgt Ion:202 Resp: 42806  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 17.0 25.6  
 203 17.8 15.0 22.6



#79  
 Terphenyl-d14  
 Concen: 19.948 ng  
 RT: 20.165 min Scan# 2856  
 Delta R.T. -0.006 min  
 Lab File: BG052631.D  
 Acq: 10 Mar 2022 13:07

Tgt Ion:244 Resp: 252948  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 6.8 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.306 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG052631.D

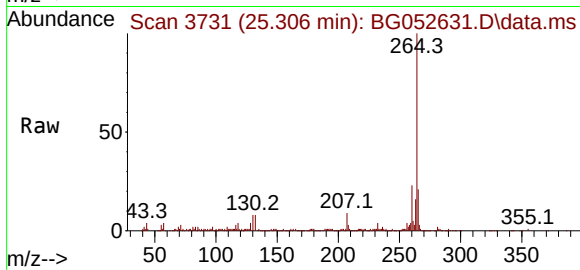
Acq: 10 Mar 2022 13:07

Instrument :

BNA\_G

ClientSampleId :

SAMPLE-13RE



Tgt Ion:264 Resp: 232754

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 20.8 15.1 22.7

