

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055664.D  
 Acq On : 17 Nov 2022 13:41  
 Operator : CG/JU  
 Sample : N5504-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SV34211L

Quant Time: Nov 18 03:13:56 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.252  | 152  | 43852    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.083 | 136  | 176409   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.873 | 164  | 124388   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.611 | 188  | 278956   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.912 | 240  | 285365   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.326 | 264  | 304527   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.784  | 112  | 115487   | 47.602 | ng    | 0.00     |
| 7) Phenol-d6                | 7.394  | 99   | 133697   | 41.399 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.421  | 82   | 102464   | 30.700 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.354 | 330  | 89280    | 50.972 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.498 | 172  | 259603   | 31.267 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.202 | 244  | 385571   | 27.025 | ng    | 0.00     |

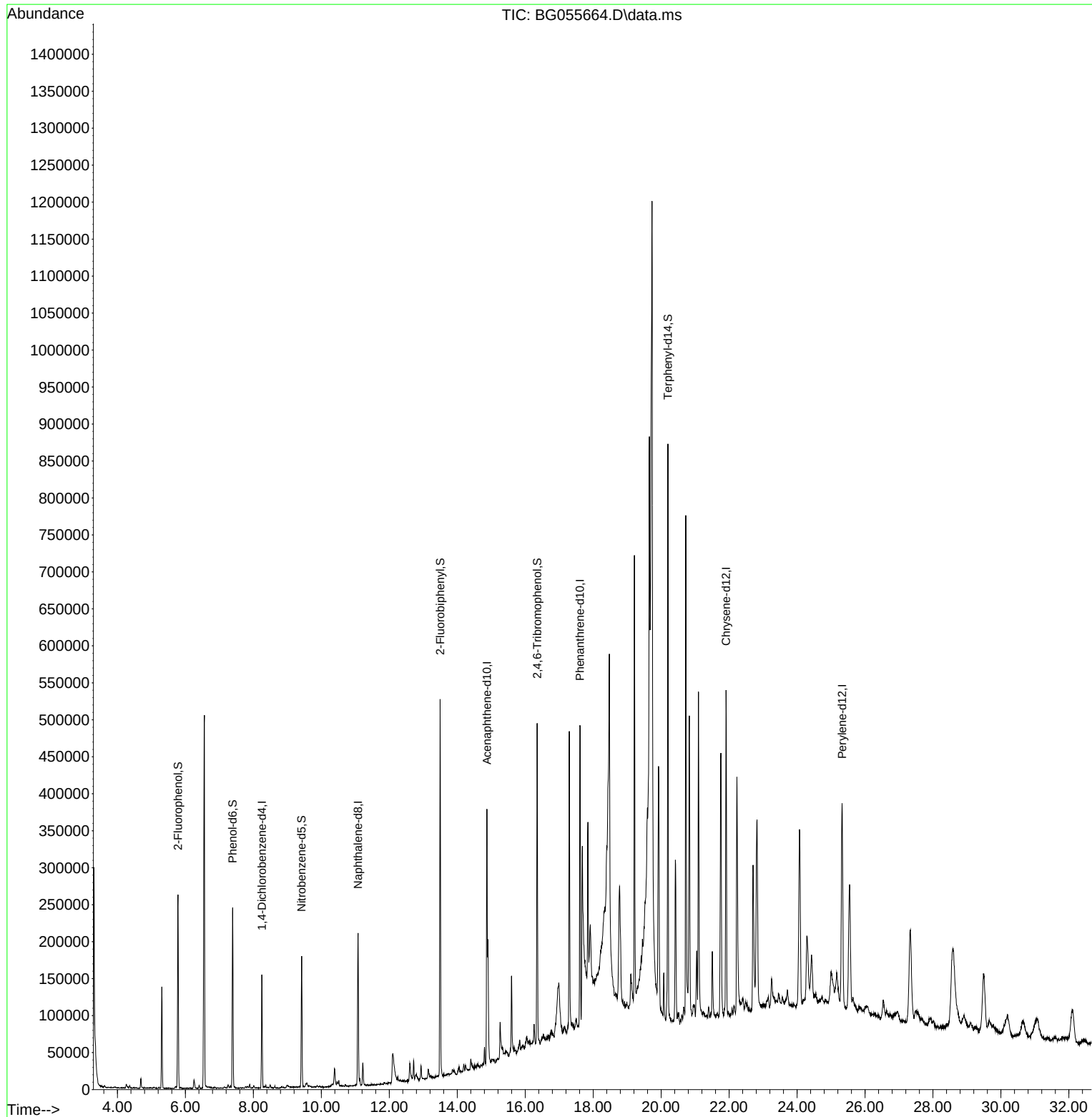
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

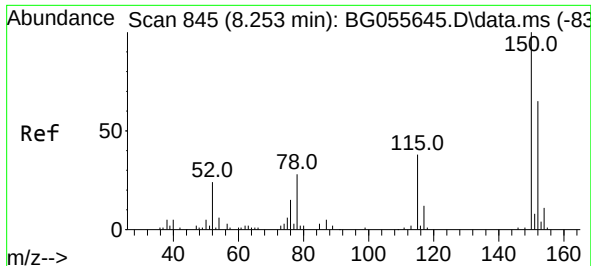
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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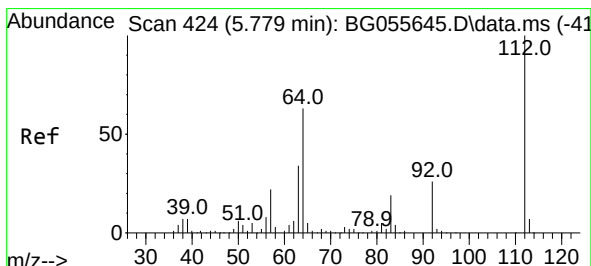
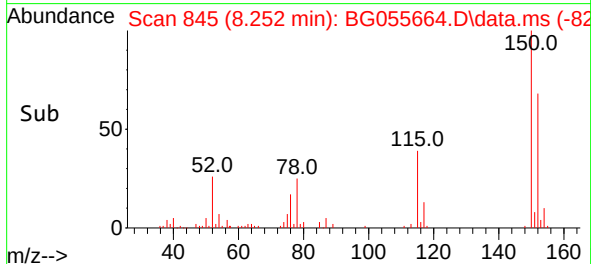
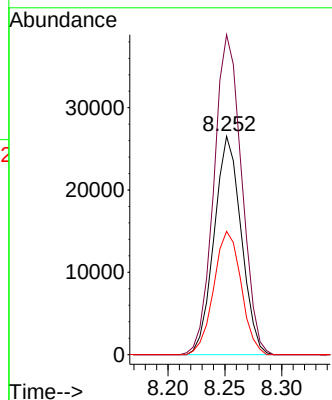
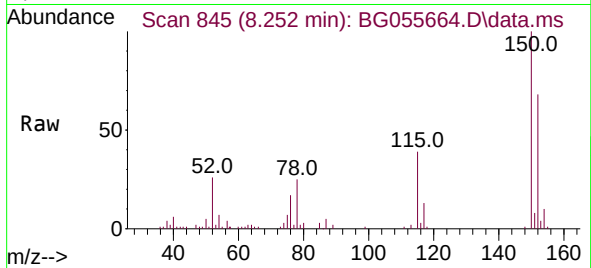




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.252 min Scan# 845  
Delta R.T. -0.002 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

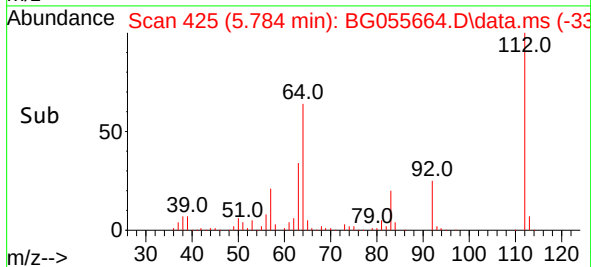
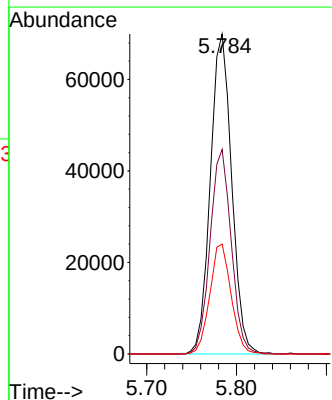
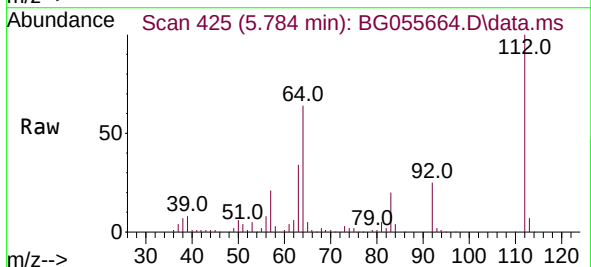
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BNA\_G  
ClientSampleId :  
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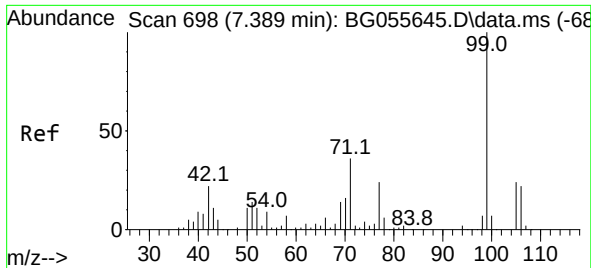
Tgt Ion:152 Resp: 43852  
Ion Ratio Lower Upper  
152 100  
150 146.5 123.0 184.6  
115 56.4 47.0 70.4



#5  
2-Fluorophenol  
Concen: 47.602 ng  
RT: 5.784 min Scan# 425  
Delta R.T. 0.005 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

Tgt Ion:112 Resp: 115487  
Ion Ratio Lower Upper  
112 100  
64 63.9 50.6 76.0  
63 34.3 27.5 41.3

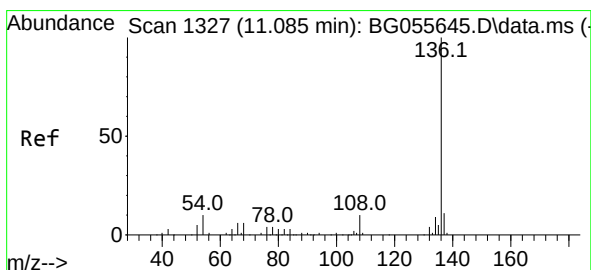
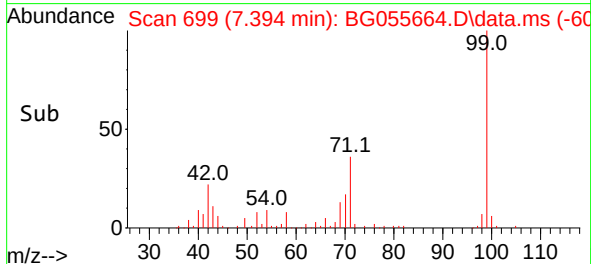
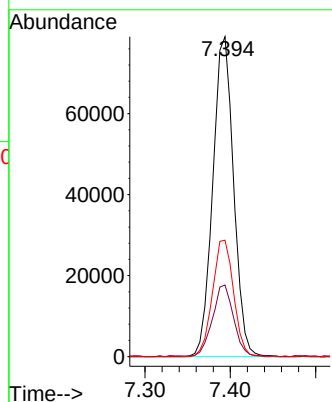
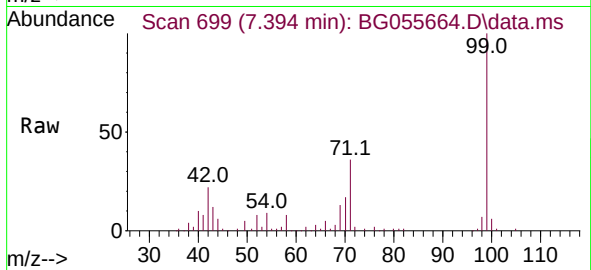




#7  
Phenol-d6  
Concen: 41.399 ng  
RT: 7.394 min Scan# 69  
Delta R.T. 0.005 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

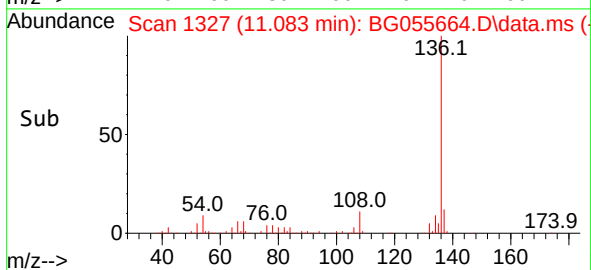
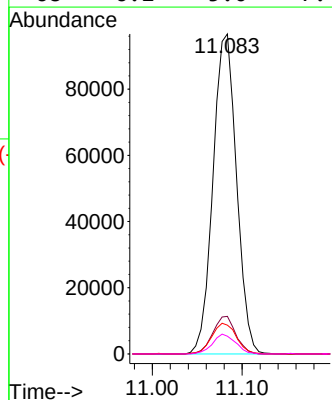
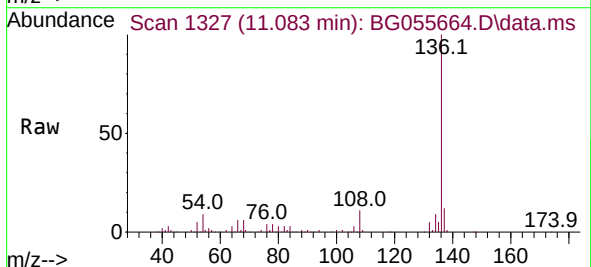
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BNA\_G  
ClientSampleId :  
SV34211L

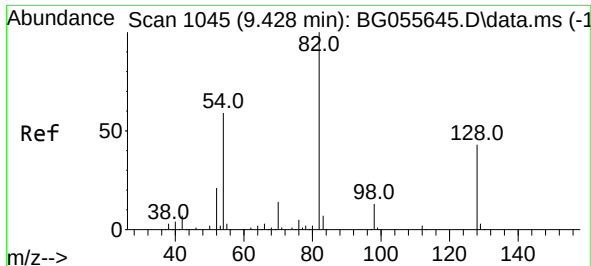
Tgt Ion: 99 Resp: 133697  
Ion Ratio Lower Upper  
99 100  
42 22.4 18.0 27.0  
71 36.4 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.083 min Scan# 1327  
Delta R.T. -0.001 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

Tgt Ion:136 Resp: 176409  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.0 13.6  
54 9.0 7.8 11.6  
68 6.2 5.0 7.4

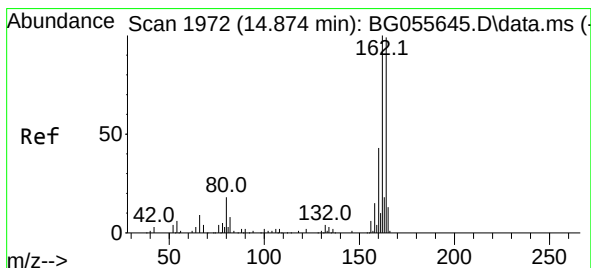
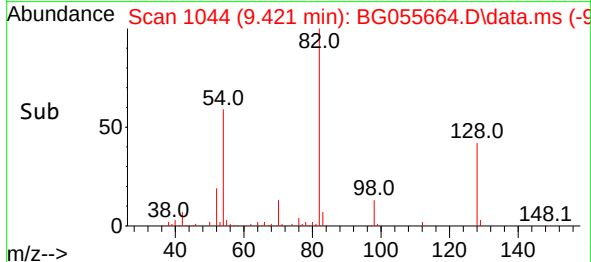
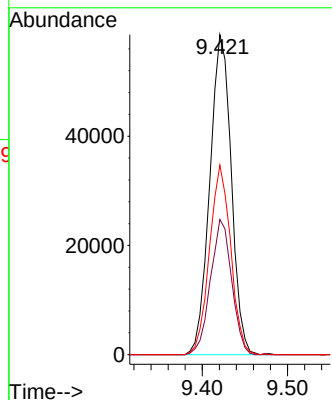
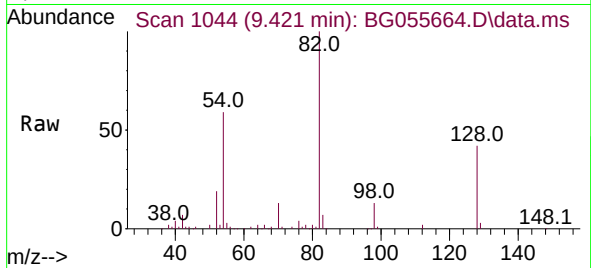




#23  
Nitrobenzene-d5  
Concen: 30.700 ng  
RT: 9.421 min Scan# 1045  
Delta R.T. -0.007 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

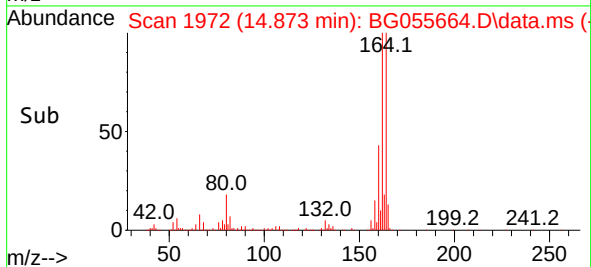
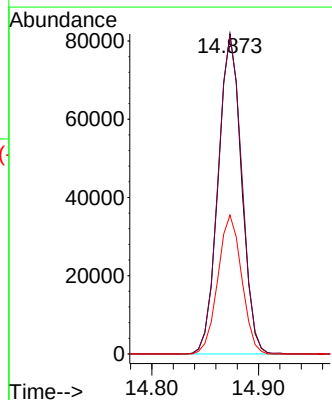
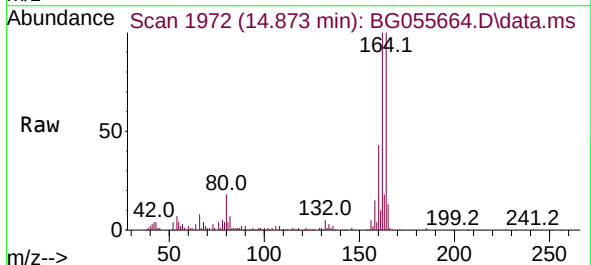
Instrument :  
BNA\_G  
ClientSampleId :  
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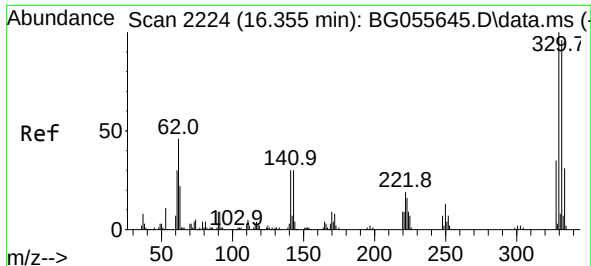
Tgt Ion: 82 Resp: 102464  
Ion Ratio Lower Upper  
82 100  
128 42.2 34.1 51.1  
54 59.2 47.3 70.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.873 min Scan# 1972  
Delta R.T. -0.001 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

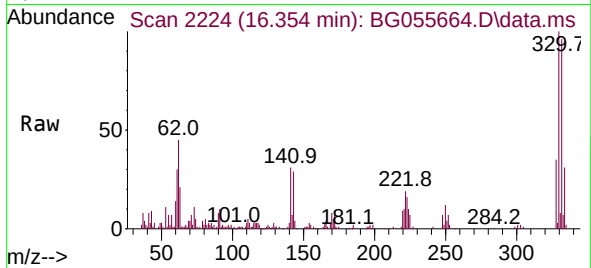
Tgt Ion: 164 Resp: 124388  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.1 121.7  
160 43.4 34.8 52.2



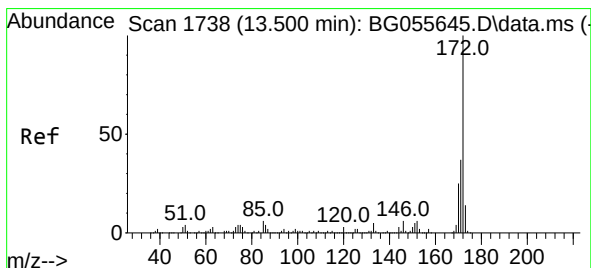
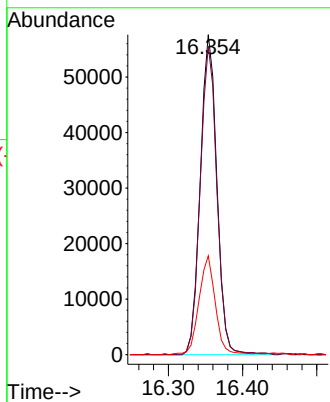
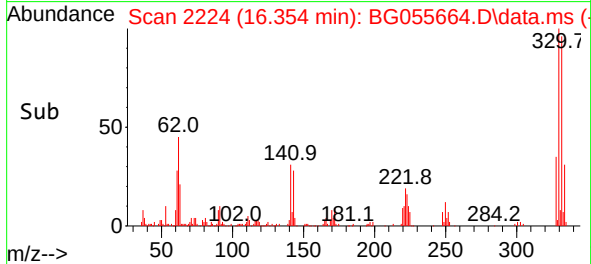


#42  
2,4,6-Tribromophenol  
Concen: 50.972 ng  
RT: 16.354 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

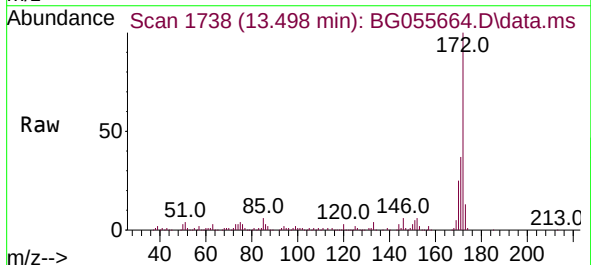
Instrument :  
BNA\_G  
ClientSampleId :  
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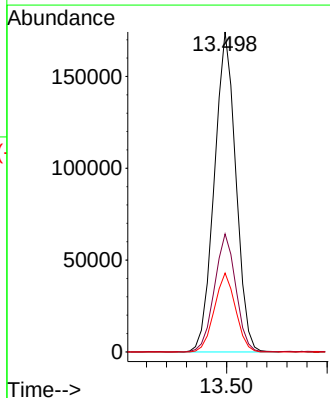
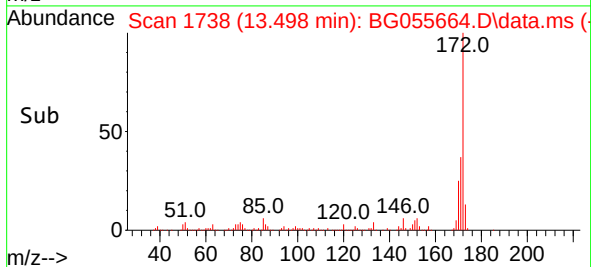
Tgt Ion:330 Resp: 89280  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 30.5 23.9 35.9

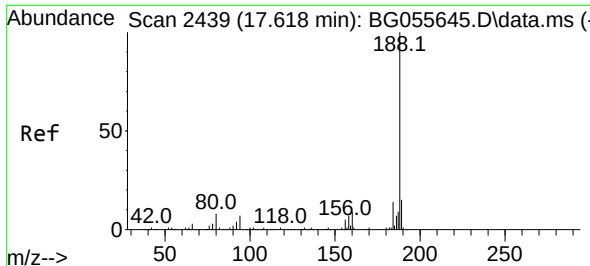


#45  
2-Fluorobiphenyl  
Concen: 31.267 ng  
RT: 13.498 min Scan# 1738  
Delta R.T. -0.001 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41



Tgt Ion:172 Resp: 259603  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.8 44.6  
170 24.6 20.2 30.4

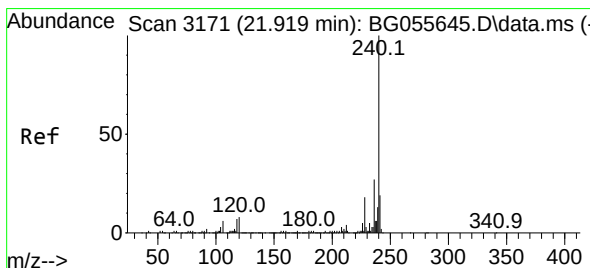
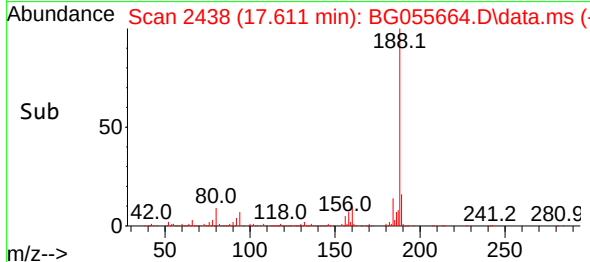
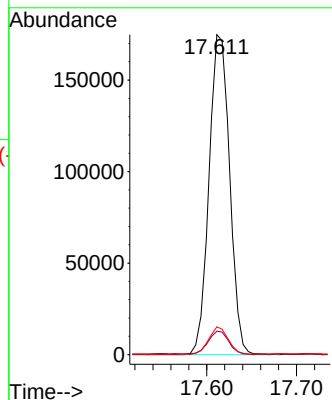
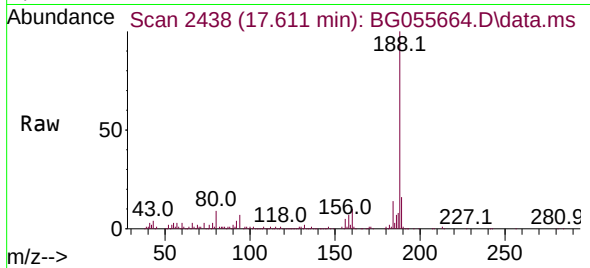




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.611 min Scan# 2438  
Delta R.T. -0.007 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

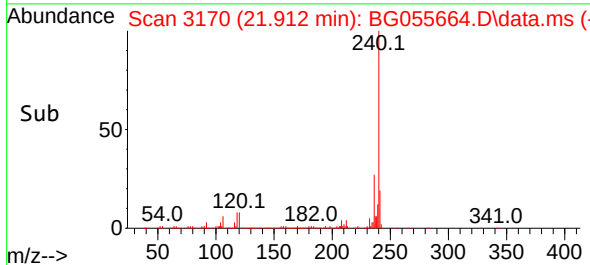
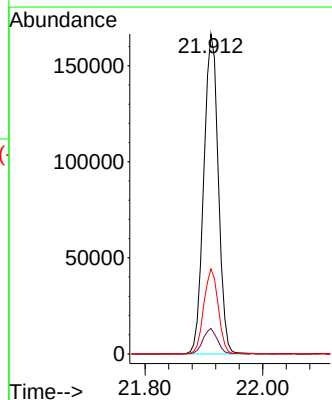
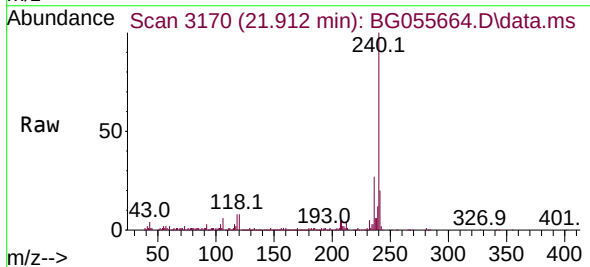
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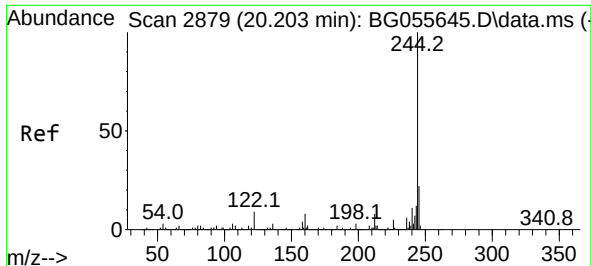
Tgt Ion:188 Resp: 278956  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.4 8.2  
80 8.7 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.912 min Scan# 3170  
Delta R.T. -0.007 min  
Lab File: BG055664.D  
Acq: 17 Nov 2022 13:41

Tgt Ion:240 Resp: 285365  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.3 9.5  
236 26.6 21.9 32.9

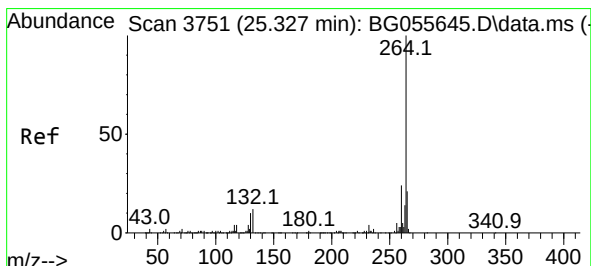
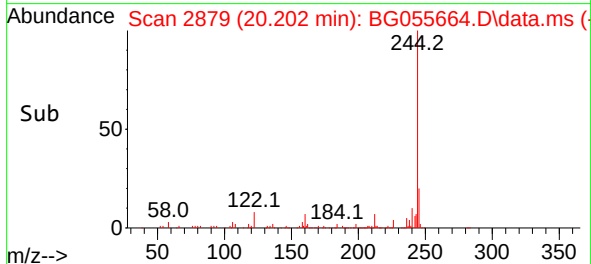
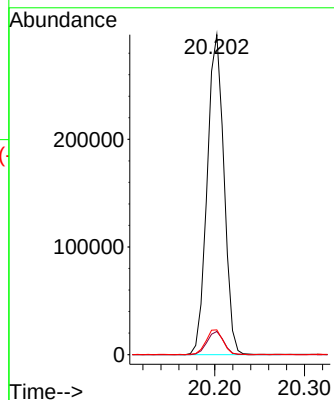
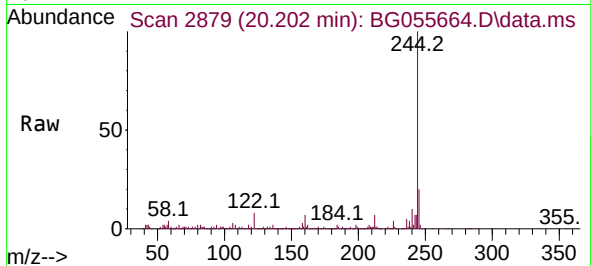




#79  
 Terphenyl-d14  
 Concen: 27.025 ng  
 RT: 20.202 min Scan# 2879  
 Delta R.T. -0.001 min  
 Lab File: BG055664.D  
 Acq: 17 Nov 2022 13:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SV34211L

Tgt Ion:244 Resp: 385571  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.3 9.5  
 122 7.8 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.326 min Scan# 3751  
 Delta R.T. -0.001 min  
 Lab File: BG055664.D  
 Acq: 17 Nov 2022 13:41

Tgt Ion:264 Resp: 304527  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.5 29.3  
 265 21.7 17.1 25.7

