

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092622\  
 Data File : BG055025.D  
 Acq On : 26 Sep 2022 13:51  
 Operator : CG/JU  
 Sample : N4742-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-08-COMP

Quant Time: Sep 27 05:34:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 17:41:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.055  | 152  | 38100    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.881 | 136  | 146281   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.700 | 164  | 101813   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.450 | 188  | 249533   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.727 | 240  | 293325   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.030 | 264  | 309044   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.593  | 112  | 274038   | 140.736 | ng    | 0.00     |
| 7) Phenol-d6                | 7.215  | 99   | 351570   | 134.704 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.230  | 82   | 197683   | 78.329  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.193 | 330  | 157055   | 131.676 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.320 | 172  | 512177   | 79.281  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.053 | 244  | 973900   | 69.453  | ng    | 0.00     |

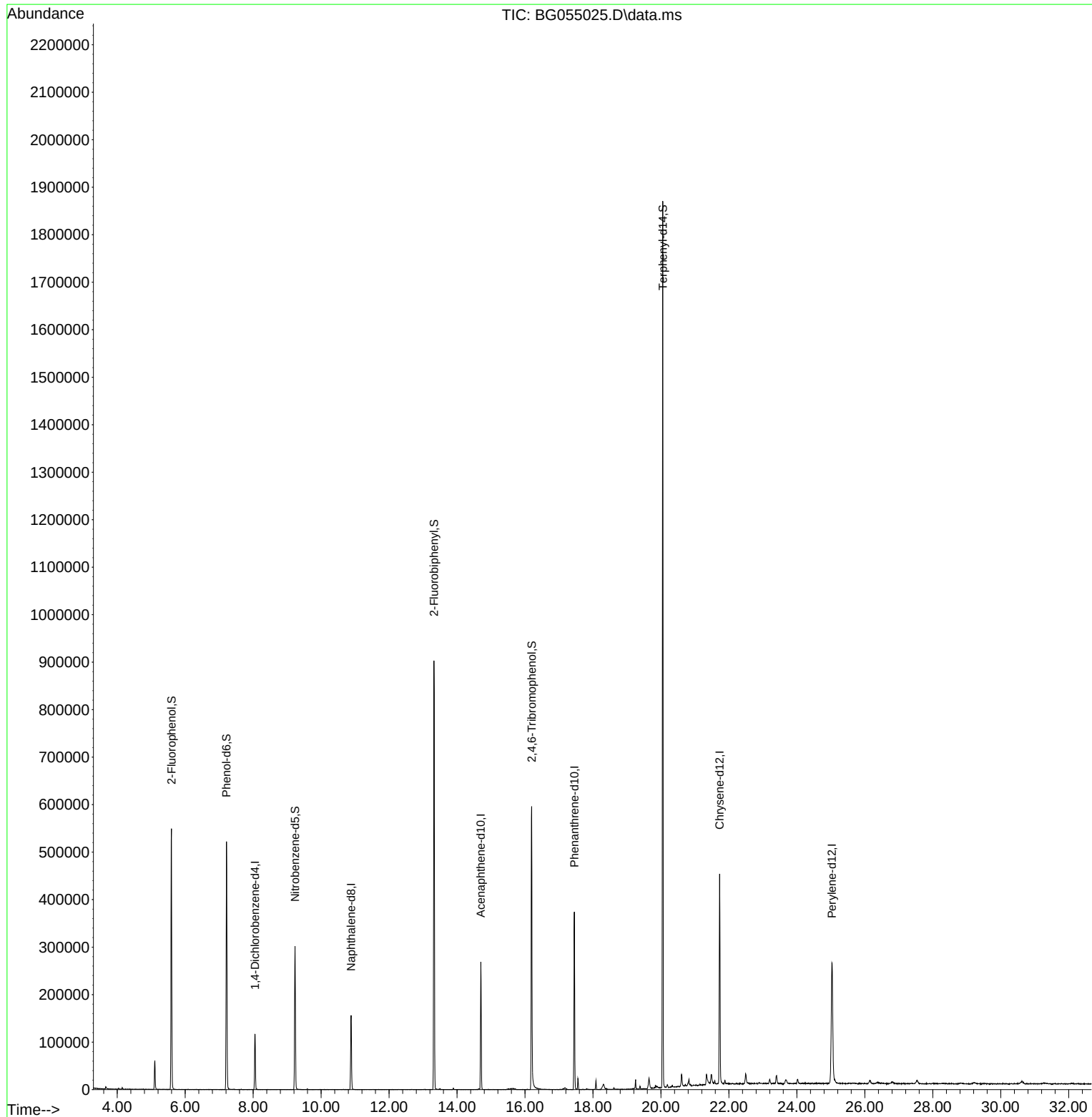
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

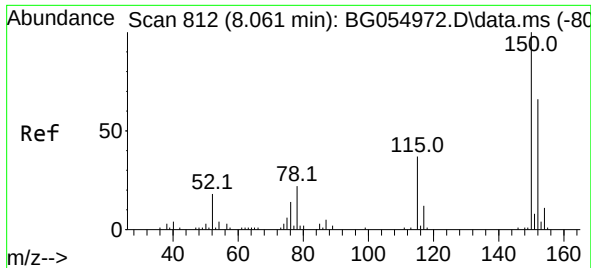
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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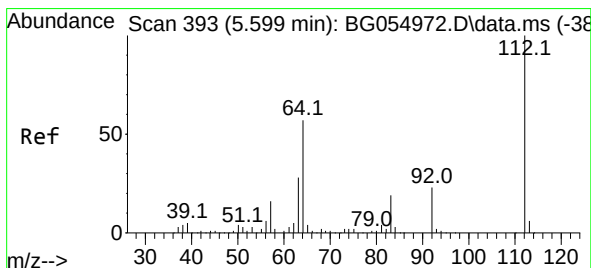
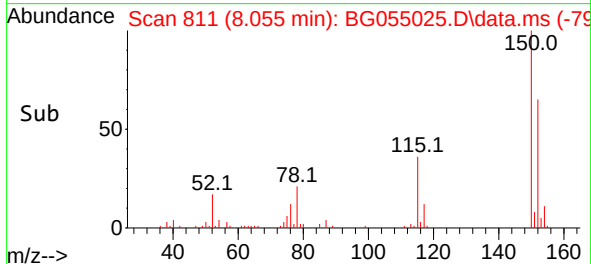
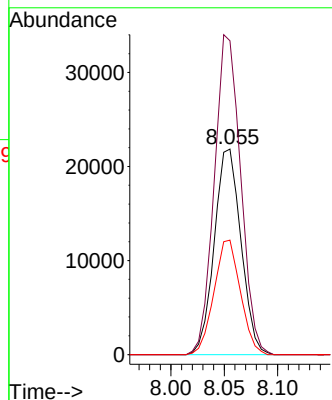
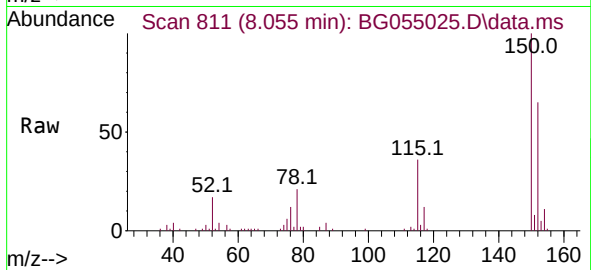




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.055 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

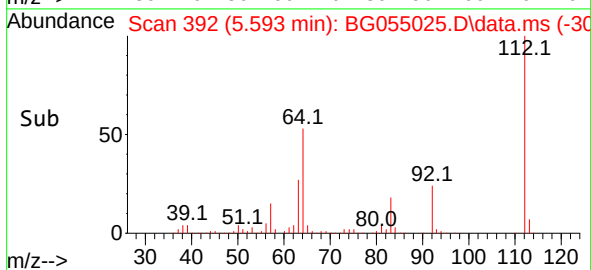
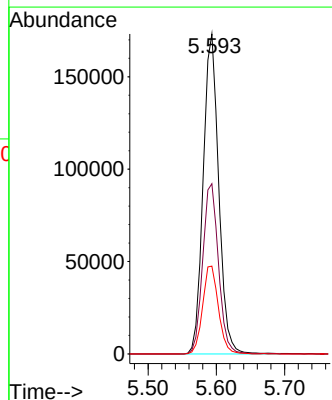
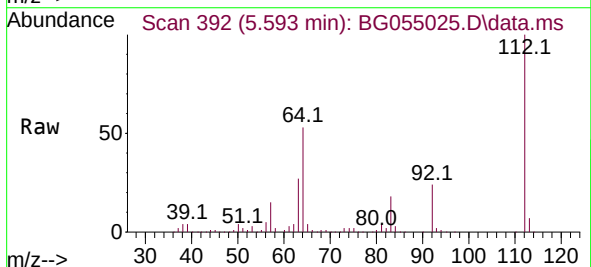
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BNA\_G  
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SB-08-COMP

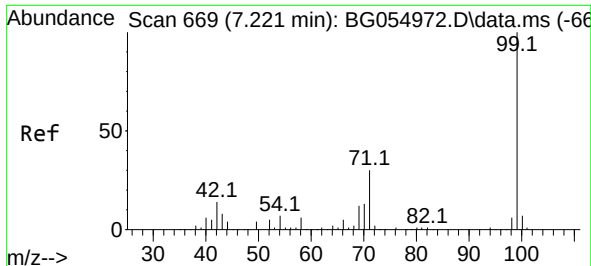
Tgt Ion:152 Resp: 38100  
Ion Ratio Lower Upper  
152 100  
150 152.7 125.2 187.8  
115 55.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 140.736 ng  
RT: 5.593 min Scan# 392  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

Tgt Ion:112 Resp: 274038  
Ion Ratio Lower Upper  
112 100  
64 53.2 49.3 73.9  
63 27.4 26.3 39.5

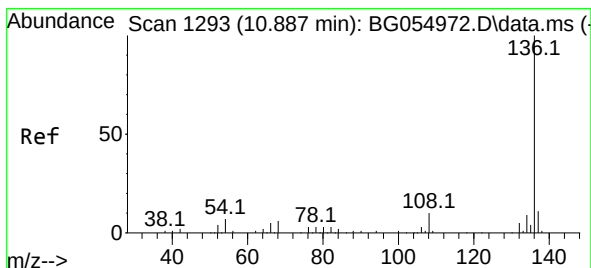
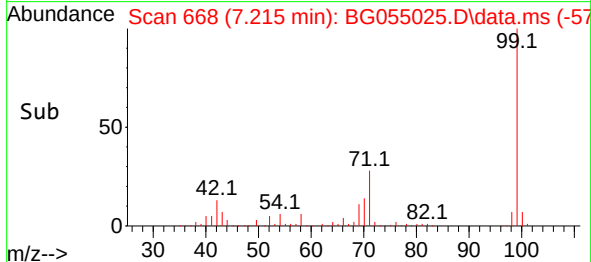
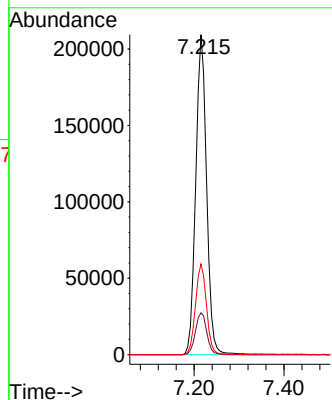
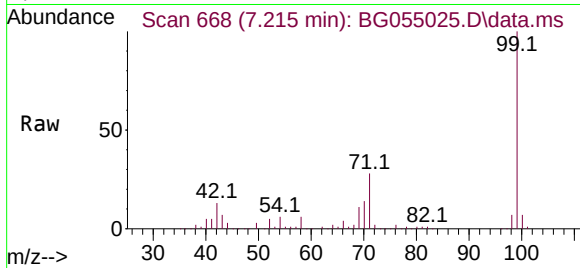




#7  
Phenol-d6  
Concen: 134.704 ng  
RT: 7.215 min Scan# 668  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

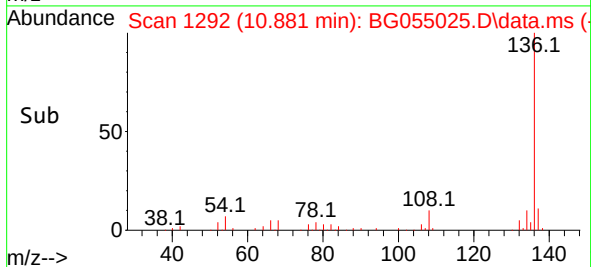
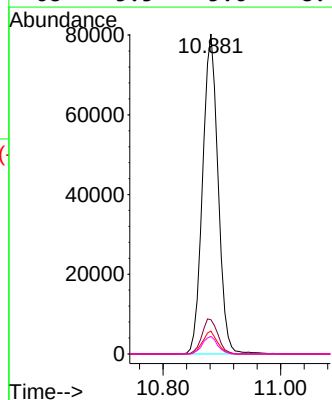
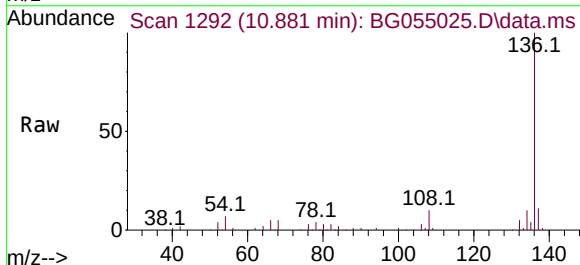
Instrument :  
BNA\_G  
ClientSampleId :  
SB-08-COMP

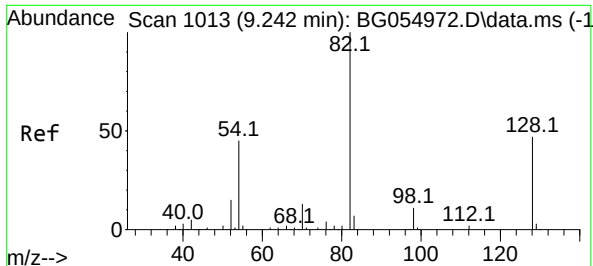
Tgt Ion: 99 Resp: 351570  
Ion Ratio Lower Upper  
99 100  
42 13.1 14.6 22.0#  
71 28.3 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.881 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

Tgt Ion: 136 Resp: 146281  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.2 13.8  
54 7.1 7.7 11.5#  
68 5.5 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 78.329 ng

RT: 9.230 min Scan# 1011

Delta R.T. -0.011 min

Lab File: BG055025.D

Acq: 26 Sep 2022 13:51

Instrument :

BNA\_G

ClientSampleId :

SB-08-COMP

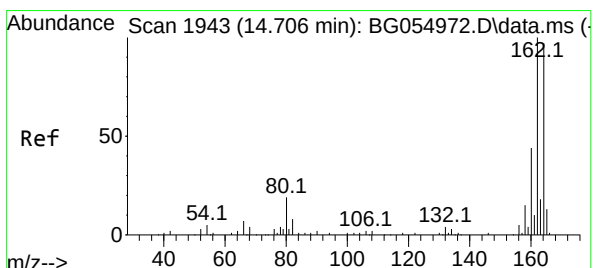
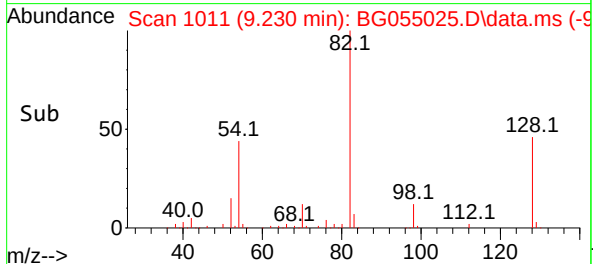
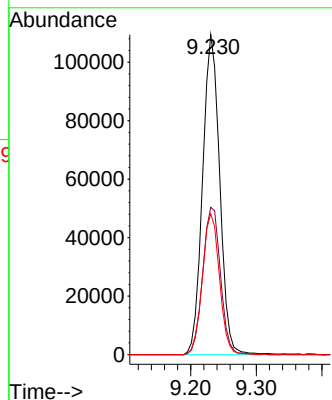
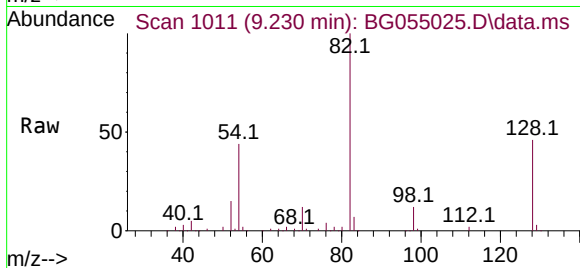
Tgt Ion: 82 Resp: 197683

Ion Ratio Lower Upper

82 100

128 46.0 32.2 48.2

54 44.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.700 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BG055025.D

Acq: 26 Sep 2022 13:51

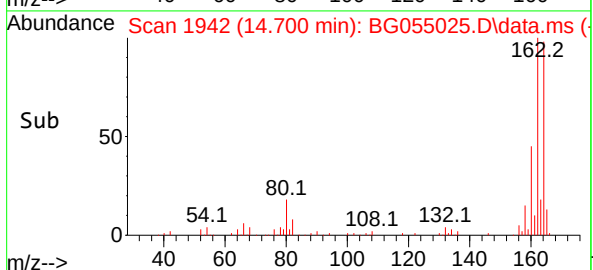
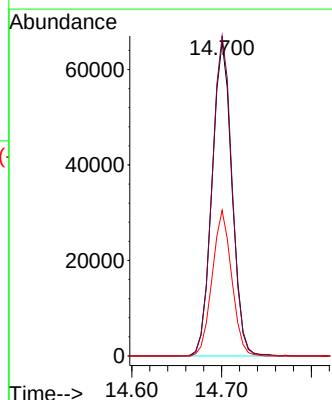
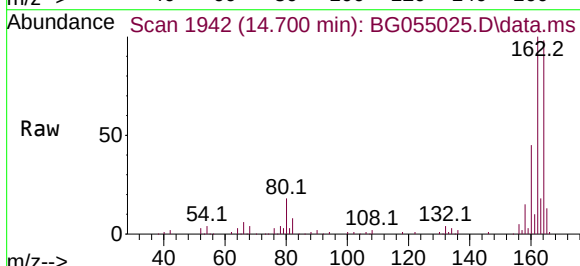
Tgt Ion:164 Resp: 101813

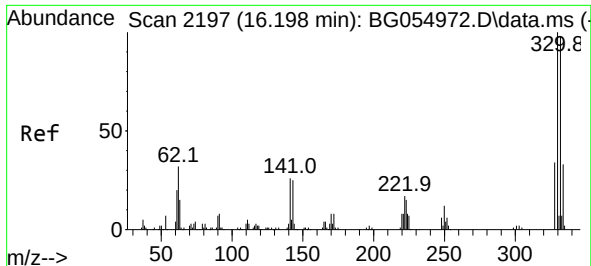
Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 46.4 38.0 57.0





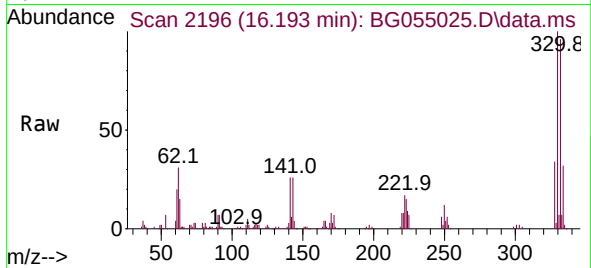
#42  
2,4,6-Tribromophenol  
Concen: 131.676 ng  
RT: 16.193 min Scan# 2197  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

Instrument :

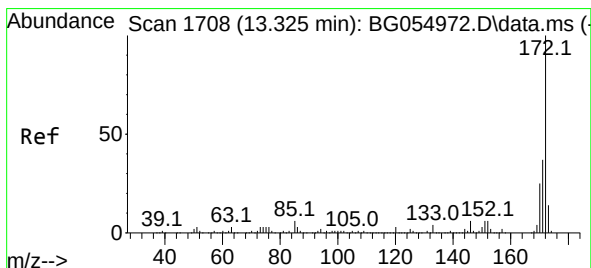
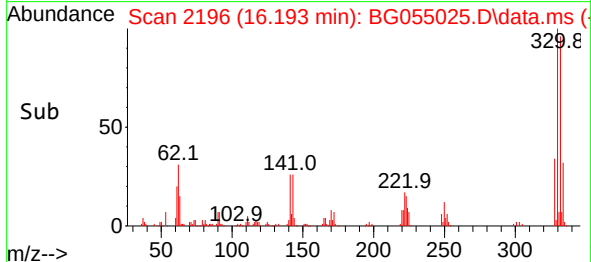
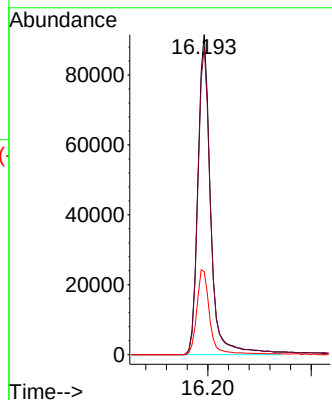
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ClientSampleId :

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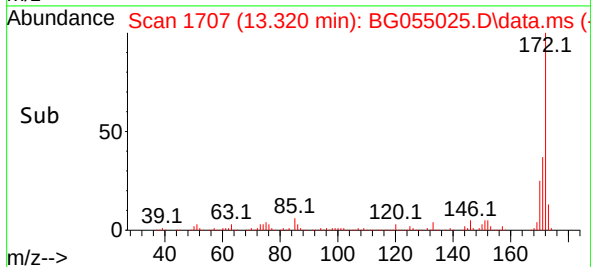
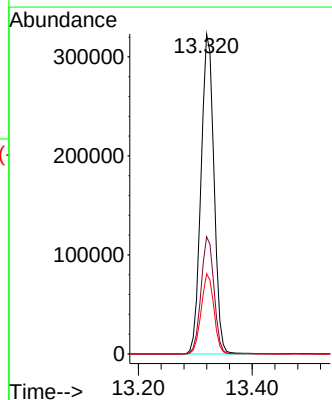
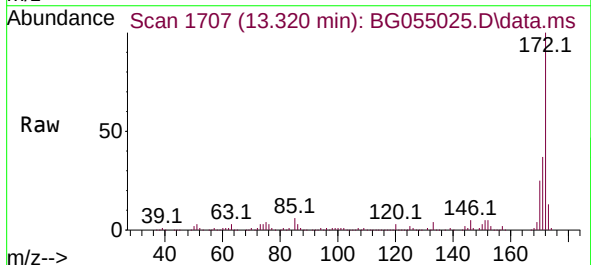


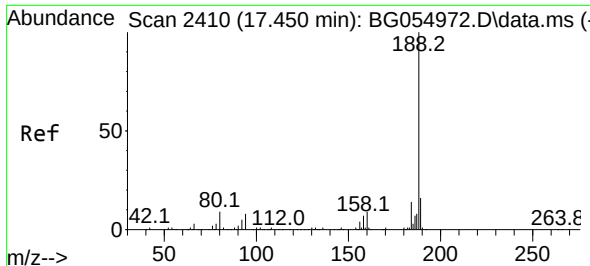
Tgt Ion:330 Resp: 157055  
Ion Ratio Lower Upper  
330 100  
332 96.7 79.8 119.6  
141 26.7 26.8 40.2#



#45  
2-Fluorobiphenyl  
Concen: 79.281 ng  
RT: 13.320 min Scan# 1707  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

Tgt Ion:172 Resp: 512177  
Ion Ratio Lower Upper  
172 100  
171 36.7 31.2 46.8  
170 25.0 20.6 30.8

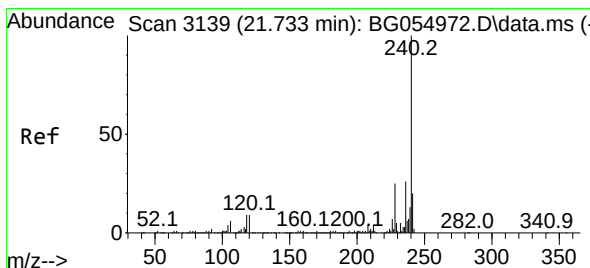
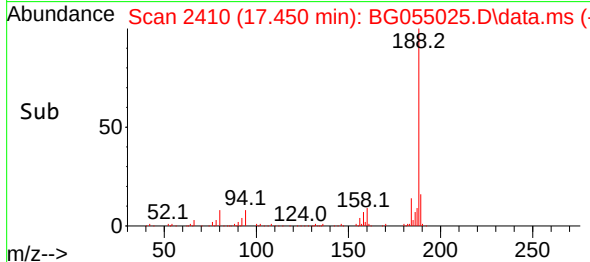
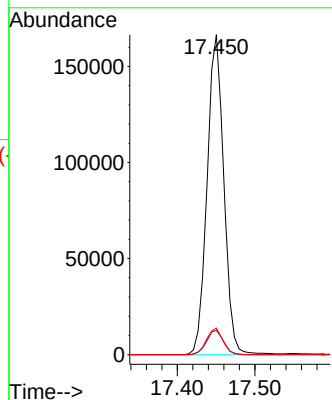
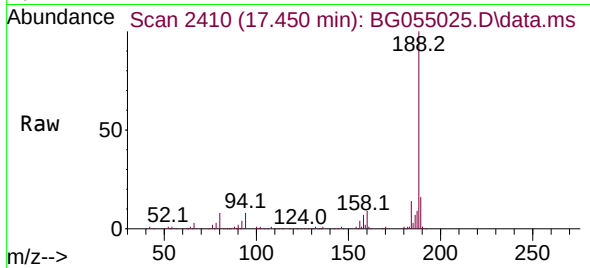




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.450 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

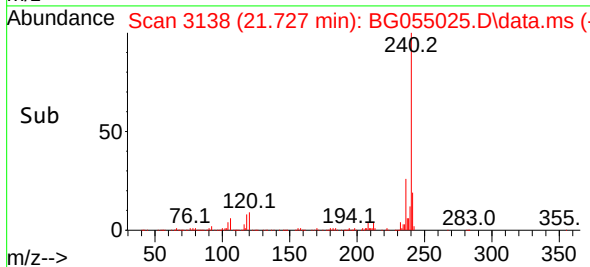
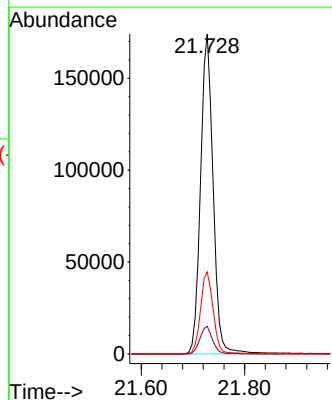
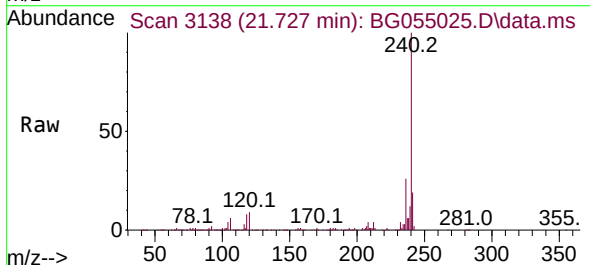
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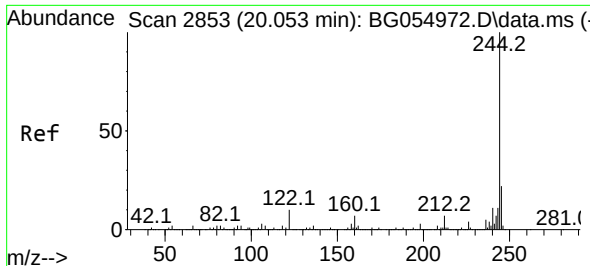
Tgt Ion:188 Resp: 249533  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.0 10.4  
80 8.3 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.727 min Scan# 3138  
Delta R.T. -0.005 min  
Lab File: BG055025.D  
Acq: 26 Sep 2022 13:51

Tgt Ion:240 Resp: 293325  
Ion Ratio Lower Upper  
240 100  
120 8.6 8.2 12.4  
236 25.6 21.2 31.8

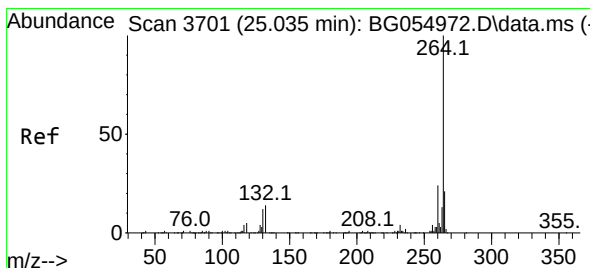
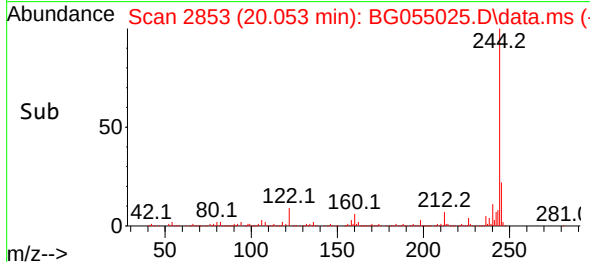
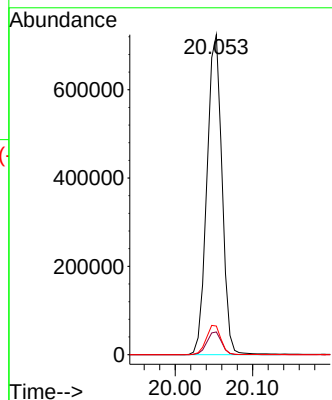
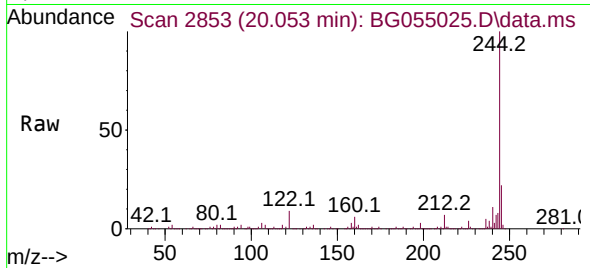




#79  
 Terphenyl-d14  
 Concen: 69.453 ng  
 RT: 20.053 min Scan# 2853  
 Delta R.T. 0.000 min  
 Lab File: BG055025.D  
 Acq: 26 Sep 2022 13:51

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 973900  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.2  
 122 8.9 9.0 13.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.030 min Scan# 3700  
 Delta R.T. -0.005 min  
 Lab File: BG055025.D  
 Acq: 26 Sep 2022 13:51

Tgt Ion:264 Resp: 309044  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.9 29.9  
 265 21.6 16.9 25.3

