

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110322\  
 Data File : BG055440.D  
 Acq On : 3 Nov 2022 16:36  
 Operator : CG/JU  
 Sample : N5404-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 551B-3

Quant Time: Nov 03 17:24:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 02 05:05:12 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.235  | 152  | 27928    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 11.067 | 136  | 115156   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.856 | 164  | 82562    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.589 | 188  | 196202   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.860 | 240  | 200096   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 25.233 | 264  | 218578   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.761  | 112  | 62161    | 39.971 | ng    | 0.00     |
| 7) Phenol-d6                | 7.383  | 99   | 52439    | 24.316 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.410  | 82   | 145109   | 67.157 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.337 | 330  | 100897   | 89.593 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.482 | 172  | 384725   | 69.089 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.162 | 244  | 312940   | 30.412 | ng    | 0.00     |

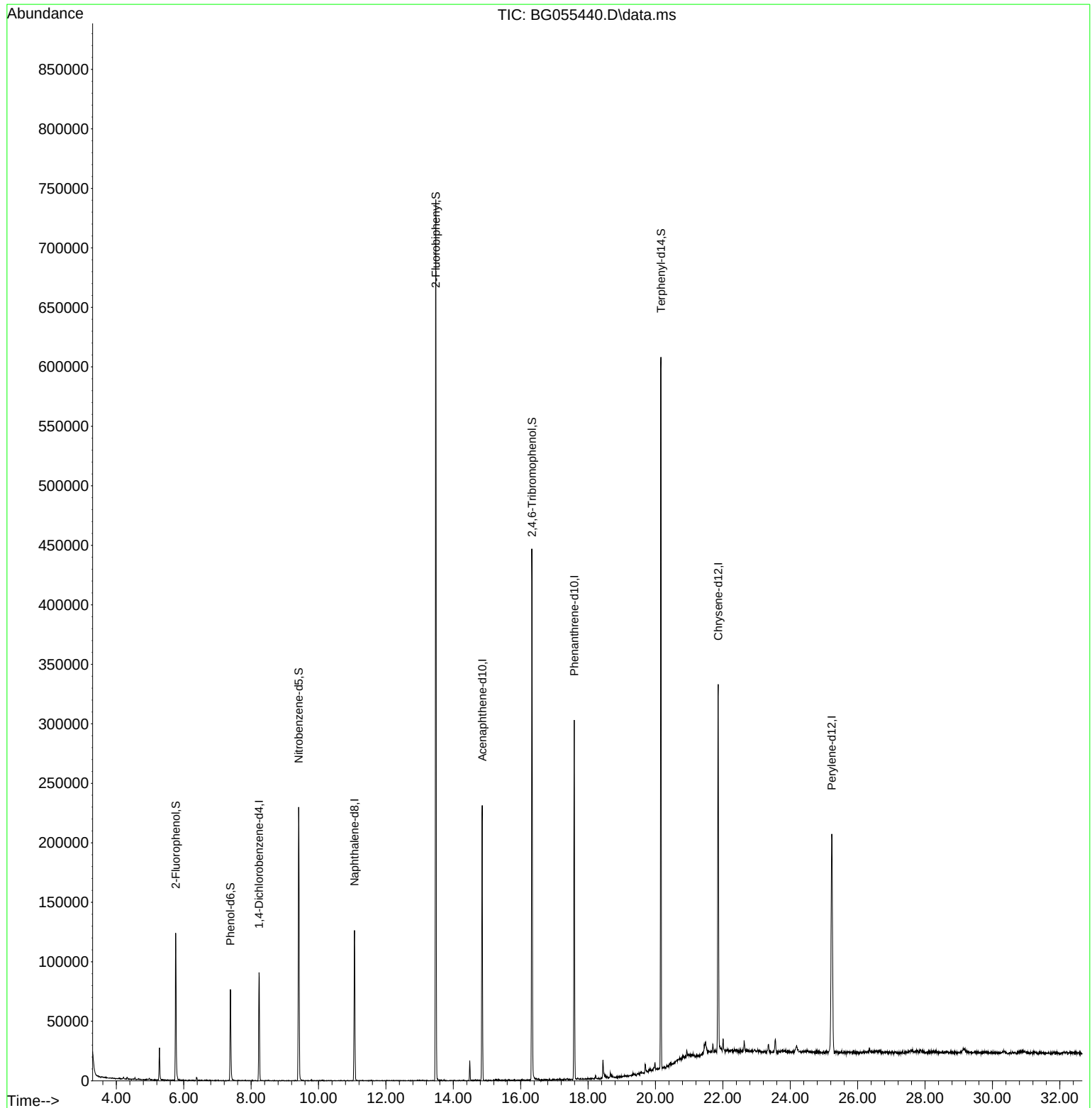
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

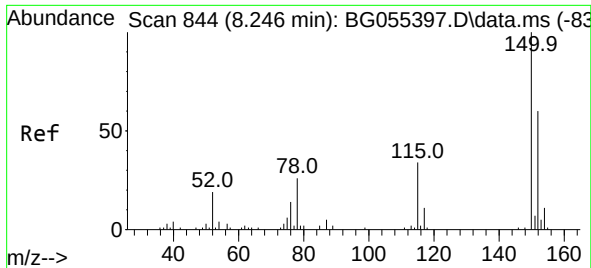
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 02 05:05:12 2022  
Response via : Initial Calibration

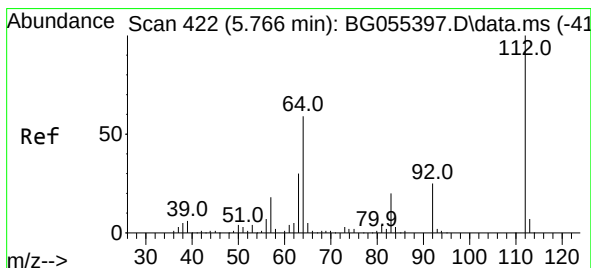
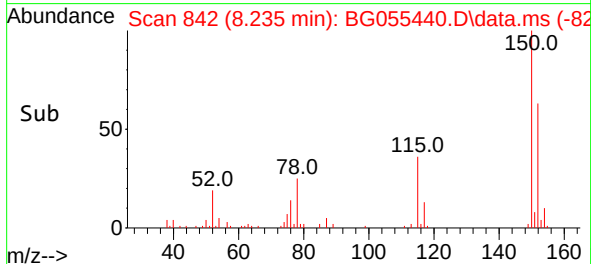
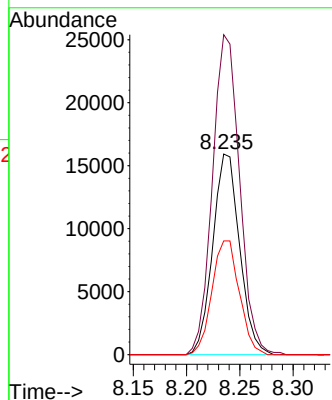
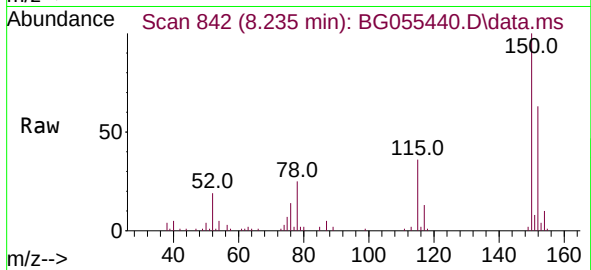




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.235 min Scan# 844  
Delta R.T. -0.011 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

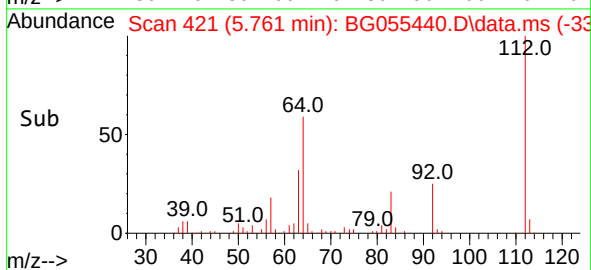
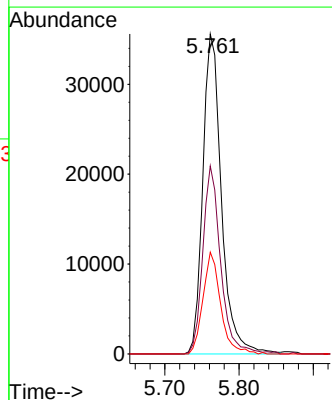
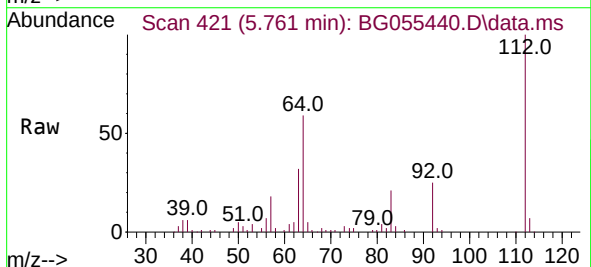
Instrument :  
BNA\_G  
ClientSampleId :  
551B-3

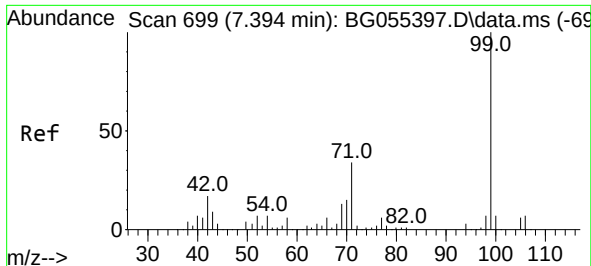
Tgt Ion:152 Resp: 27928  
Ion Ratio Lower Upper  
152 100  
150 159.5 132.8 199.2  
115 56.7 45.1 67.7



#5  
2-Fluorophenol  
Concen: 39.971 ng  
RT: 5.761 min Scan# 421  
Delta R.T. -0.005 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

Tgt Ion:112 Resp: 62161  
Ion Ratio Lower Upper  
112 100  
64 58.7 47.2 70.8  
63 31.8 24.3 36.5

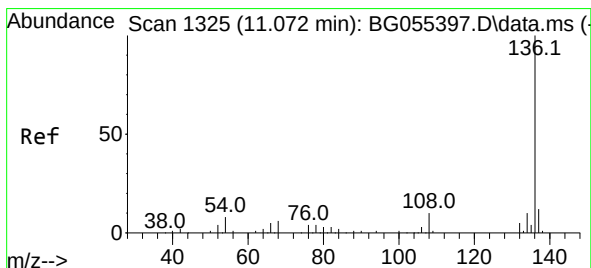
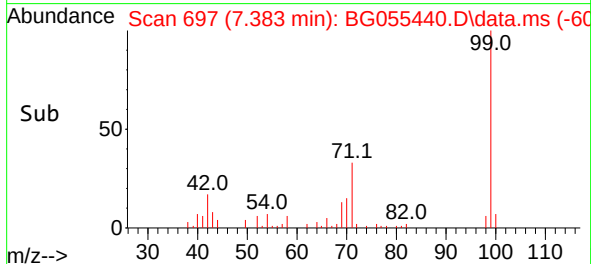
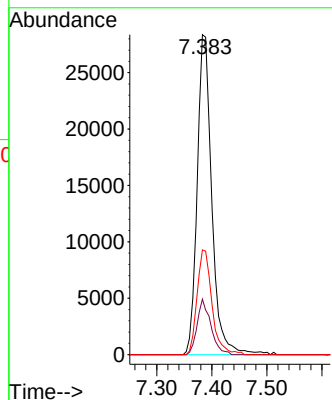
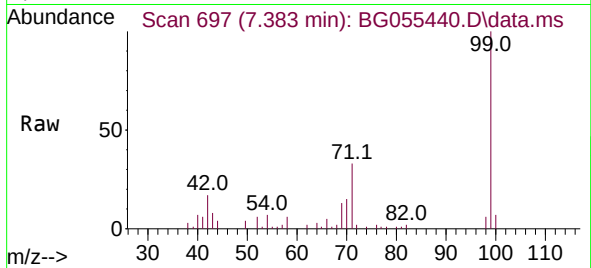




#7  
Phenol-d6  
Concen: 24.316 ng  
RT: 7.383 min Scan# 699  
Delta R.T. -0.011 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

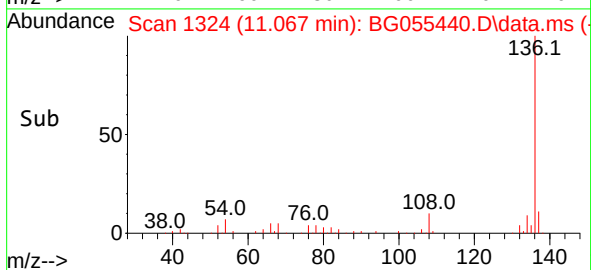
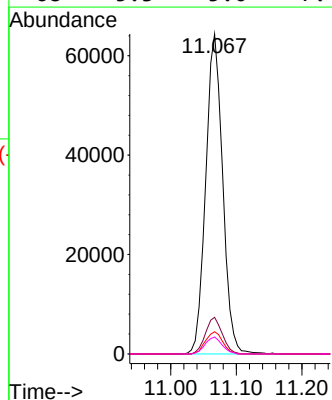
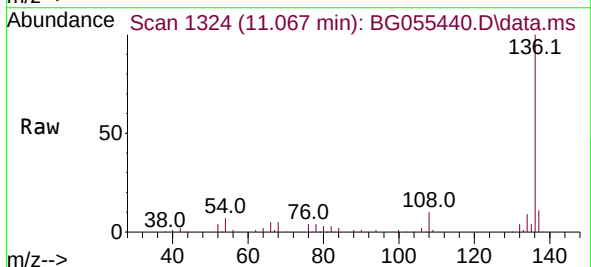
Instrument :  
BNA\_G  
ClientSampleId :  
551B-3

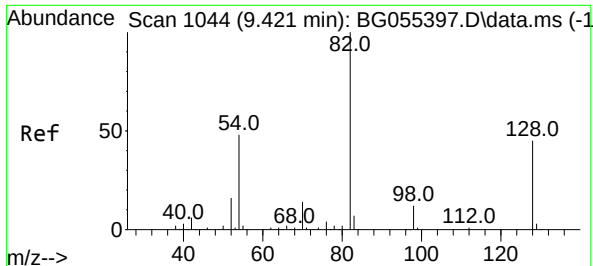
Tgt Ion: 99 Resp: 52439  
Ion Ratio Lower Upper  
99 100  
42 17.3 13.5 20.3  
71 32.7 27.4 41.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.067 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

Tgt Ion: 136 Resp: 115156  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.4 14.2  
54 6.9 6.1 9.1  
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.157 ng

RT: 9.410 min Scan# 1044

Delta R.T. -0.011 min

Lab File: BG055440.D

Acq: 3 Nov 2022 16:36

Instrument :

BNA\_G

ClientSampleId :

551B-3

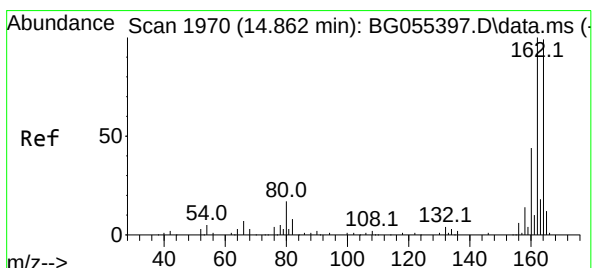
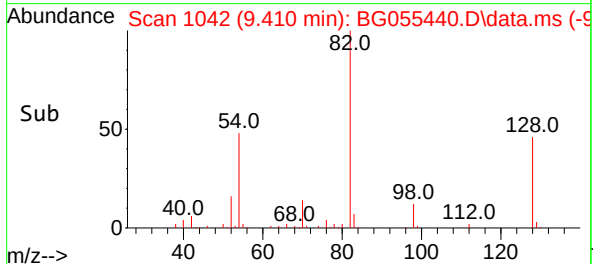
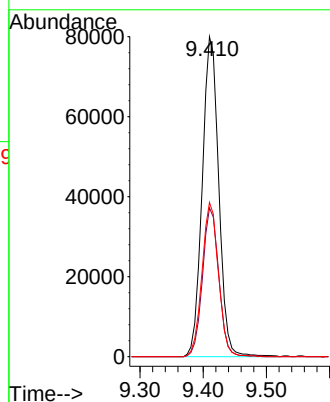
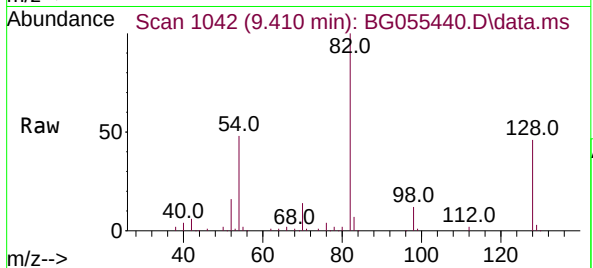
Tgt Ion: 82 Resp: 145109

Ion Ratio Lower Upper

82 100

128 46.5 35.8 53.8

54 48.2 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BG055440.D

Acq: 3 Nov 2022 16:36

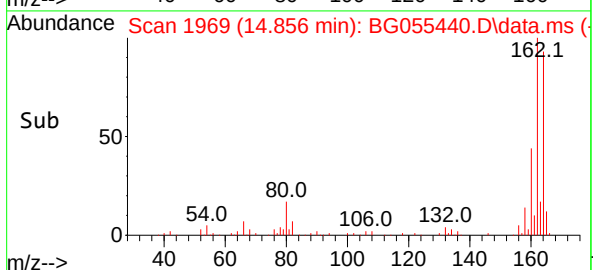
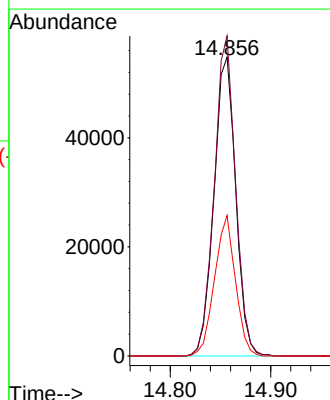
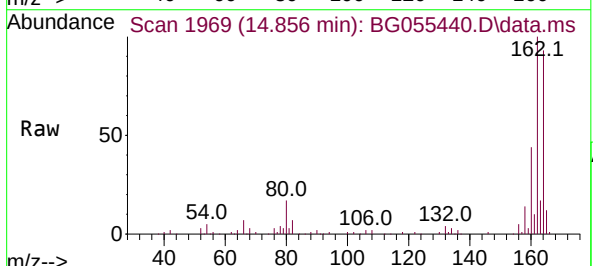
Tgt Ion:164 Resp: 82562

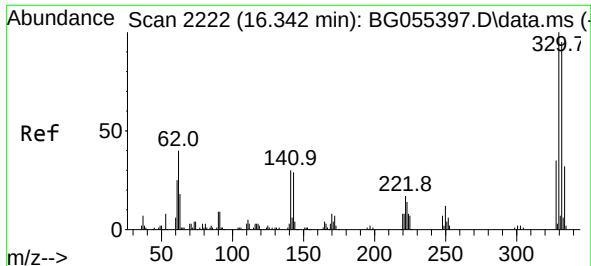
Ion Ratio Lower Upper

164 100

162 107.1 81.1 121.7

160 47.0 35.8 53.6

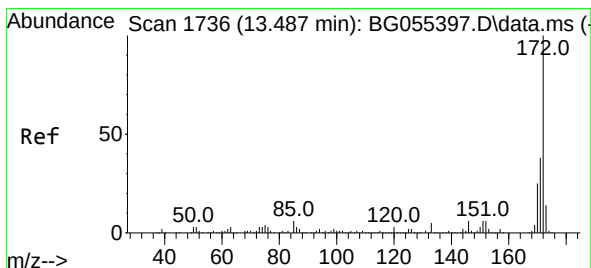
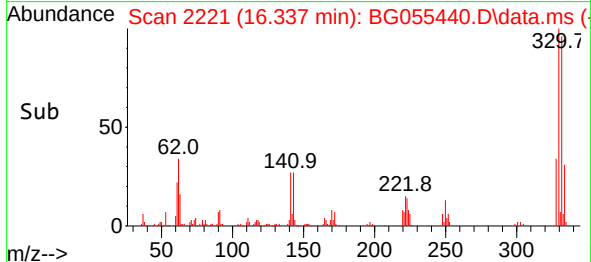
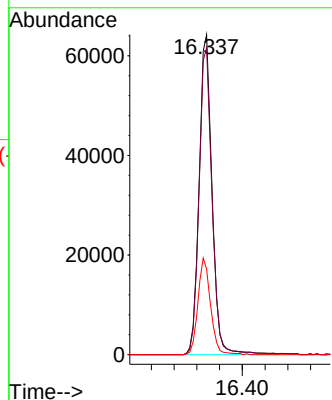
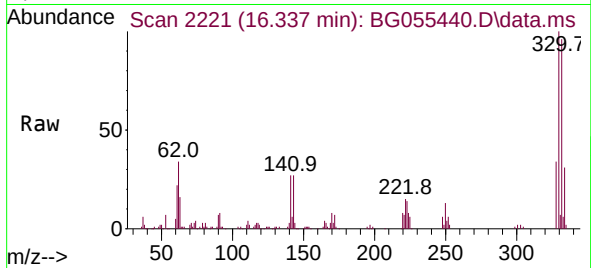




#42  
2,4,6-Tribromophenol  
Concen: 89.593 ng  
RT: 16.337 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

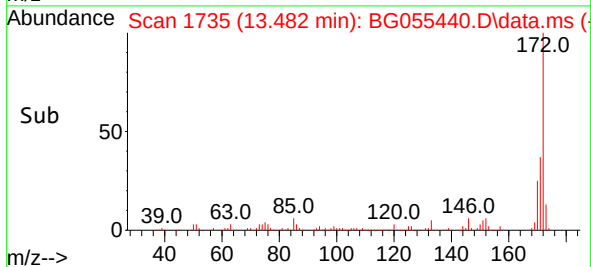
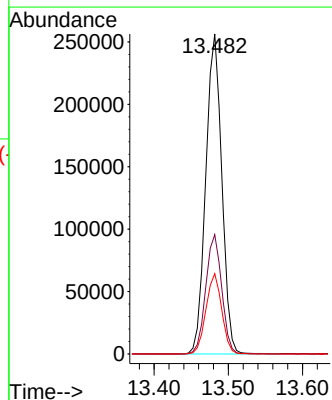
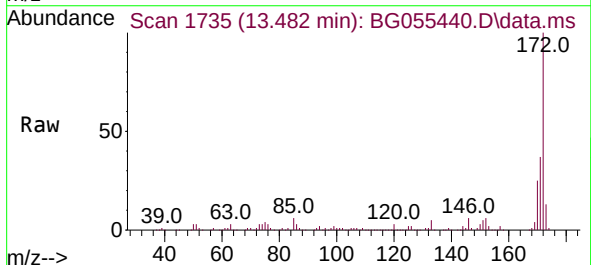
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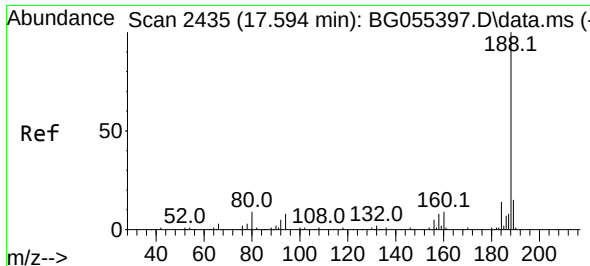
Tgt Ion:330 Resp: 100897  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.8 116.6  
141 29.4 24.2 36.2



#45  
2-Fluorobiphenyl  
Concen: 69.089 ng  
RT: 13.482 min Scan# 1735  
Delta R.T. -0.005 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

Tgt Ion:172 Resp: 384725  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.2 45.2  
170 25.1 20.2 30.2

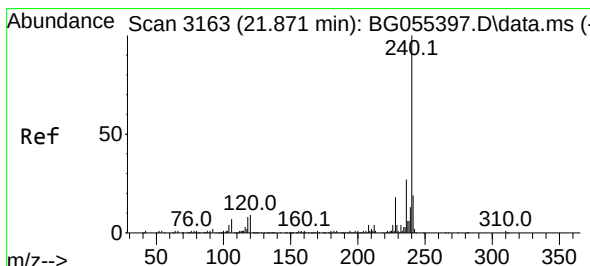
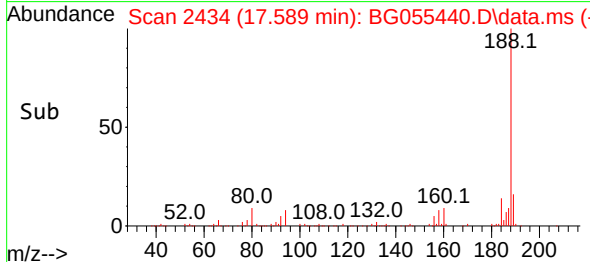
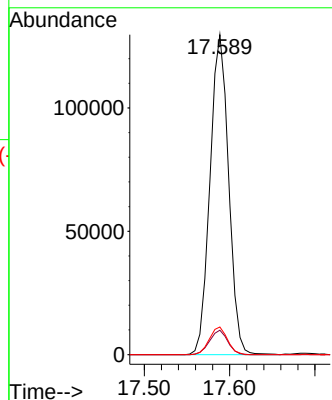
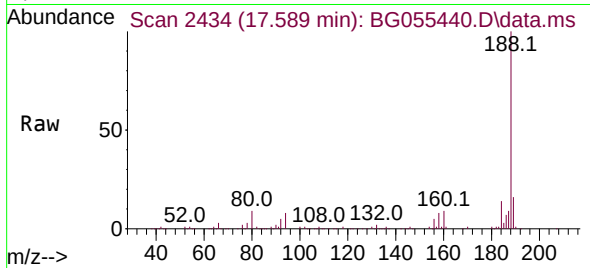




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.589 min Scan# 2435  
Delta R.T. -0.005 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

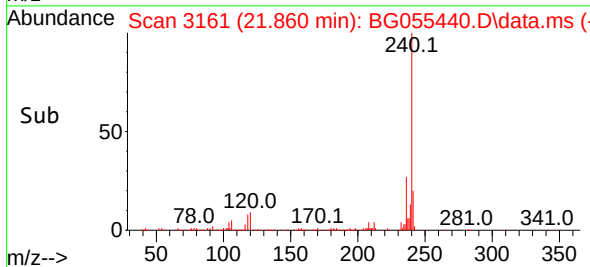
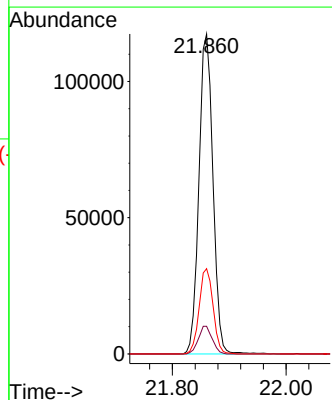
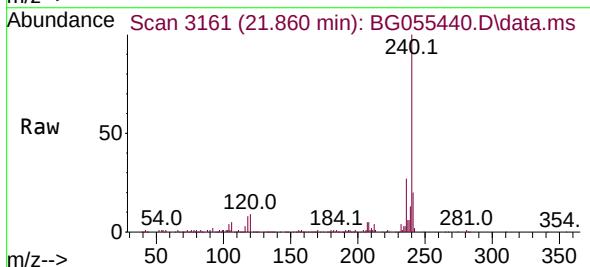
Instrument :  
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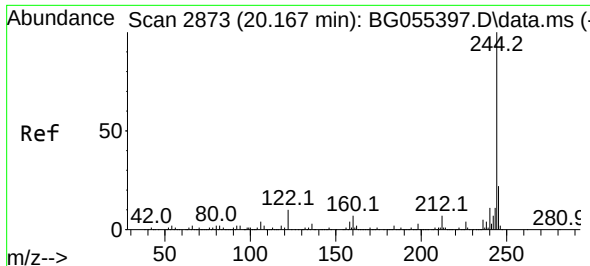
Tgt Ion:188 Resp: 196202  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.5 9.7  
80 8.6 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.860 min Scan# 3161  
Delta R.T. -0.011 min  
Lab File: BG055440.D  
Acq: 3 Nov 2022 16:36

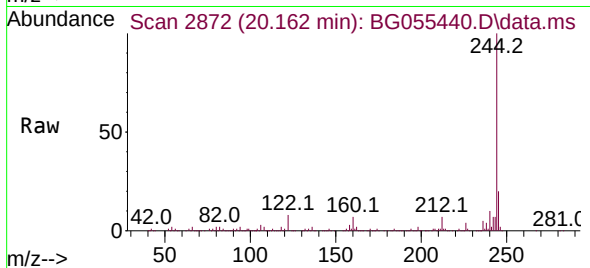
Tgt Ion:240 Resp: 200096  
Ion Ratio Lower Upper  
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120 8.6 6.9 10.3  
236 26.6 21.5 32.3



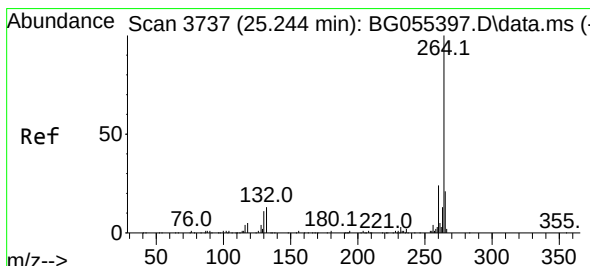
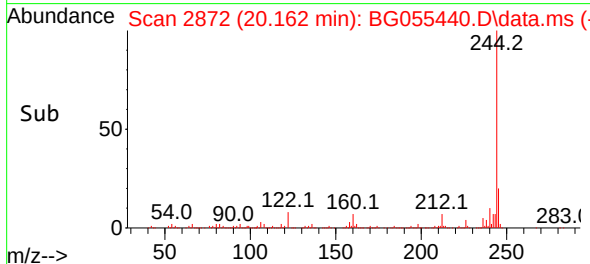
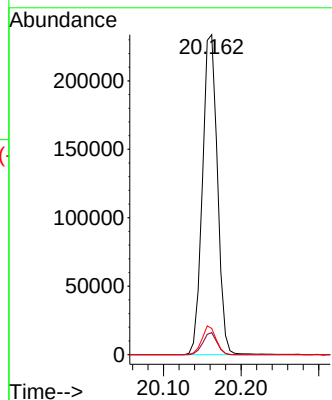


#79  
 Terphenyl-d14  
 Concen: 30.412 ng  
 RT: 20.162 min Scan# 2873  
 Delta R.T. -0.005 min  
 Lab File: BG055440.D  
 Acq: 3 Nov 2022 16:36

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 312940  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 8.2 7.8 11.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.233 min Scan# 3735  
 Delta R.T. -0.011 min  
 Lab File: BG055440.D  
 Acq: 3 Nov 2022 16:36

Tgt Ion:264 Resp: 218578  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.9 28.3  
 265 20.7 17.1 25.7

