

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110222\  
 Data File : BG055424.D  
 Acq On : 2 Nov 2022 21:14  
 Operator : CG/JU  
 Sample : N5396-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-A

Quant Time: Nov 03 06:12:22 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   | 8.240  | 152  | 32759    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.072 | 136  | 139514   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.856 | 164  | 92396    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.588 | 188  | 188400   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.866 | 240  | 183206   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.238 | 264  | 202227   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.767  | 112  | 235128   | 128.897 | ng    | 0.00     |
| 7) Phenol-d6                | 7.394  | 99   | 283244   | 111.970 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.416  | 82   | 212664   | 81.238  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.337 | 330  | 164980   | 130.905 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.487 | 172  | 541796   | 86.941  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.168 | 244  | 818049   | 86.827  | ng    | 0.00     |

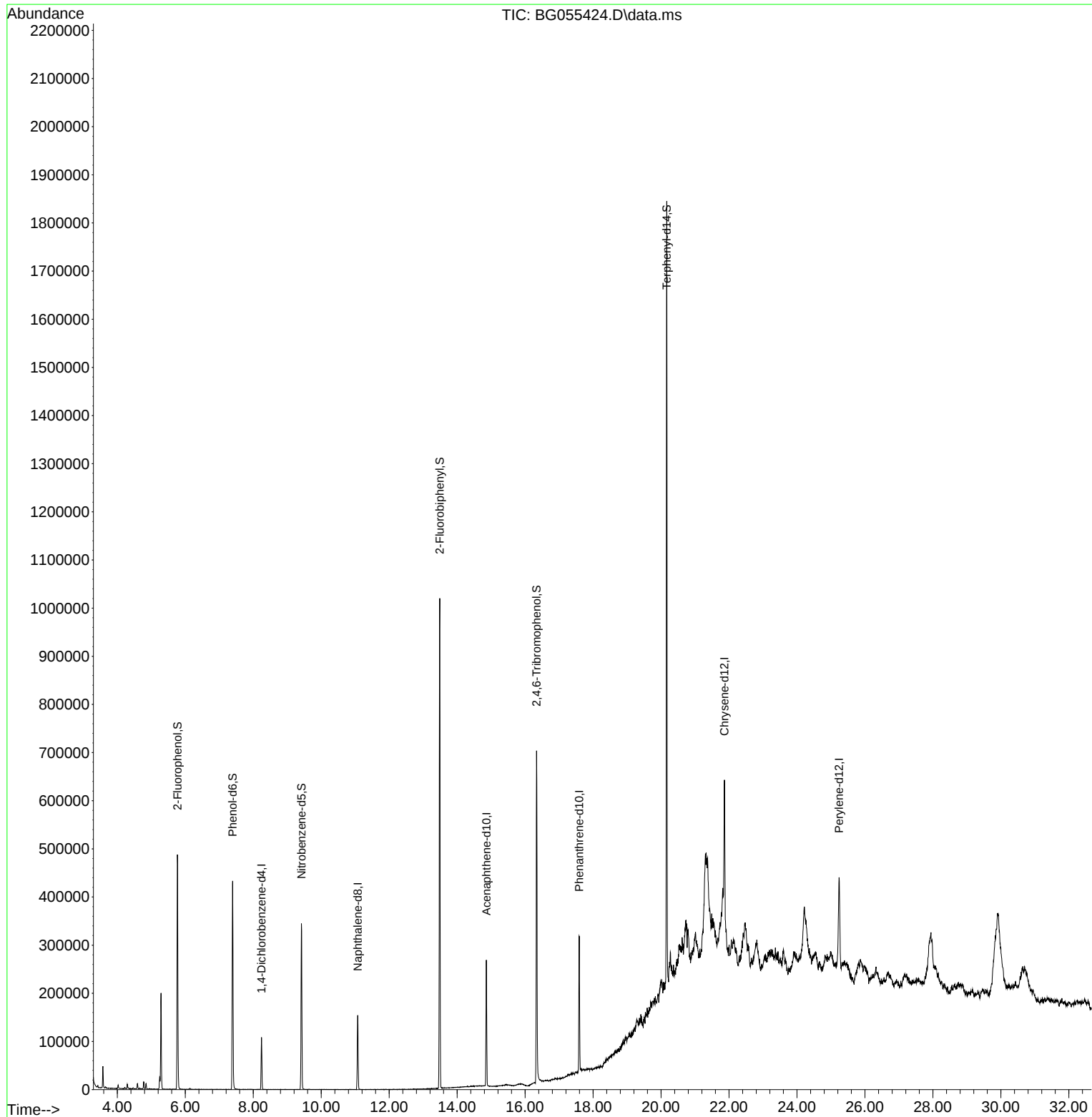
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

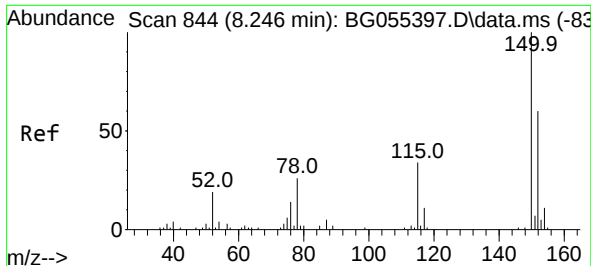
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

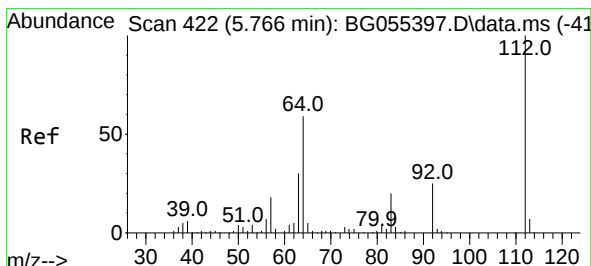
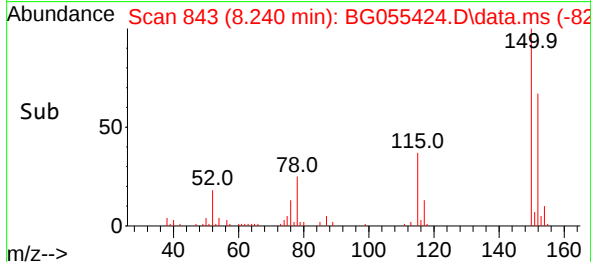
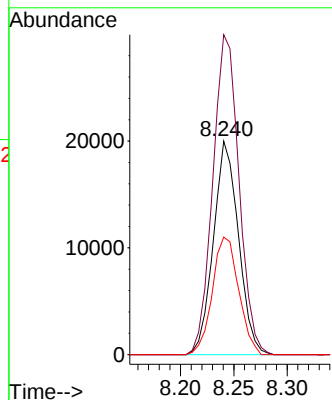
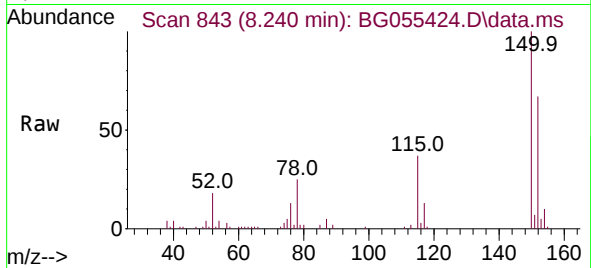




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.240 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

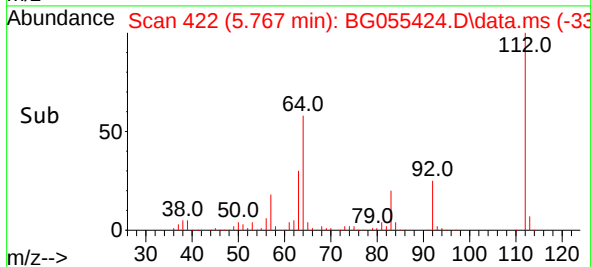
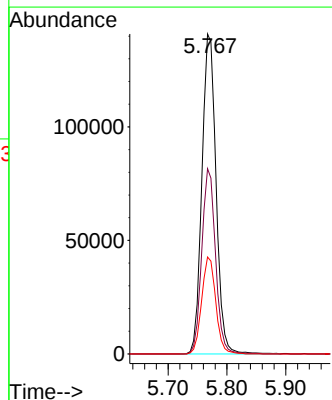
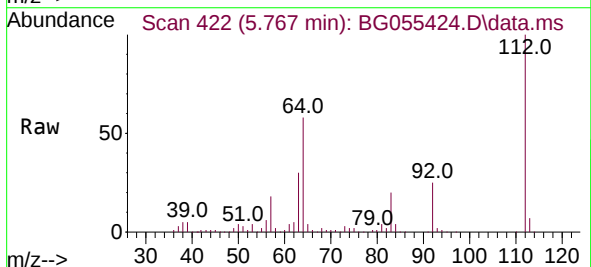
Instrument :  
BNA\_G  
ClientSampleId :  
TP-A

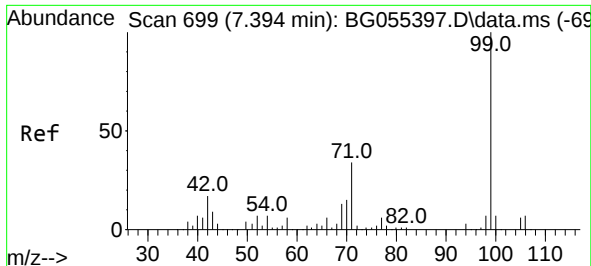
Tgt Ion:152 Resp: 32759  
Ion Ratio Lower Upper  
152 100  
150 149.8 132.8 199.2  
115 55.0 45.1 67.7



#5  
2-Fluorophenol  
Concen: 128.897 ng  
RT: 5.767 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

Tgt Ion:112 Resp: 235128  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.2 70.8  
63 30.3 24.3 36.5

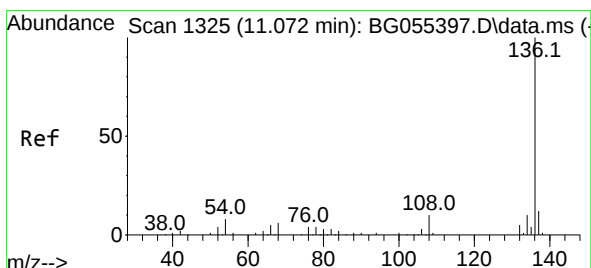
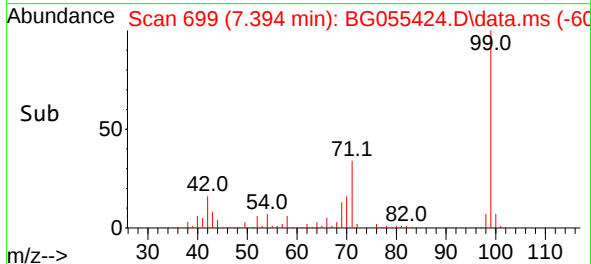
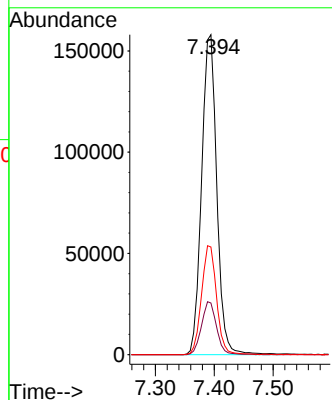
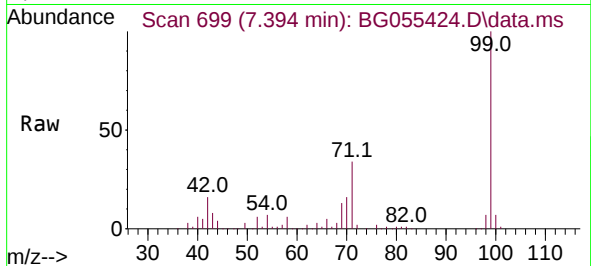




#7  
Phenol-d6  
Concen: 111.970 ng  
RT: 7.394 min Scan# 699  
Delta R.T. 0.000 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

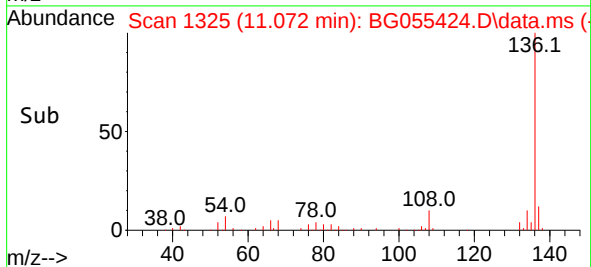
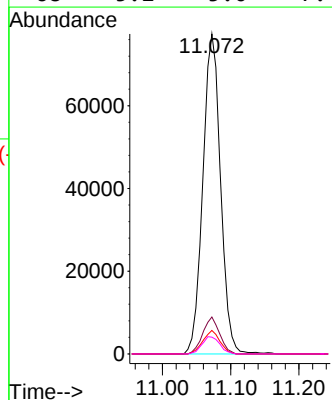
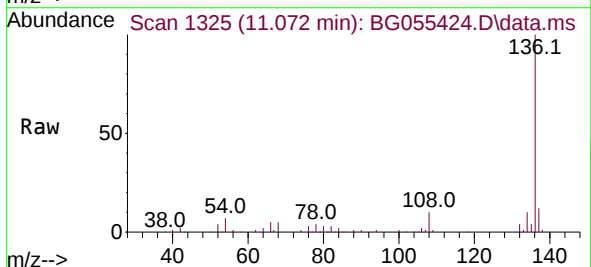
Instrument :  
BNA\_G  
ClientSampleId :  
TP-A

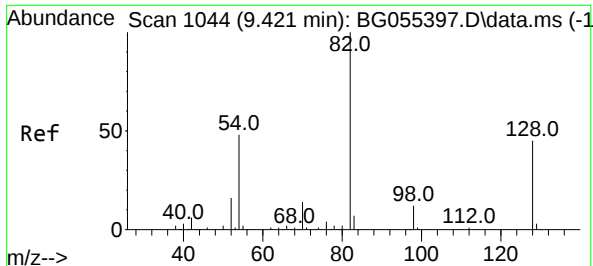
Tgt Ion: 99 Resp: 283244  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.5 20.3  
71 33.6 27.4 41.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.072 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

Tgt Ion:136 Resp: 139514  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.4 14.2  
54 7.3 6.1 9.1  
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.238 ng

RT: 9.416 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BG055424.D

Acq: 2 Nov 2022 21:14

Instrument :

BNA\_G

ClientSampleId :

TP-A

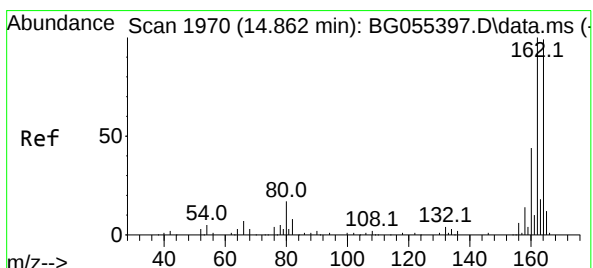
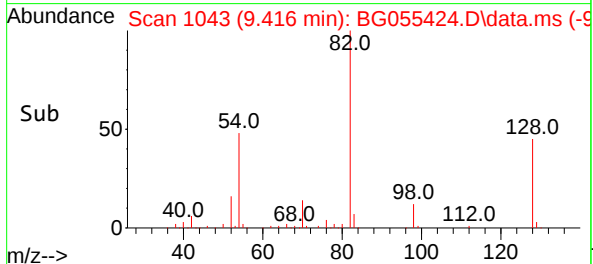
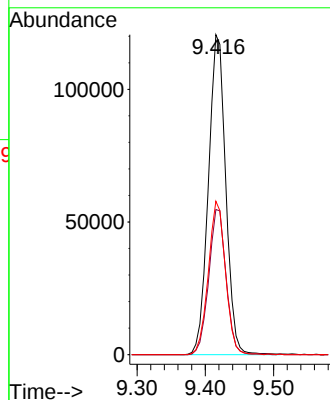
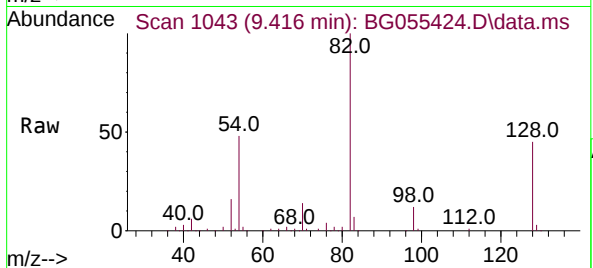
Tgt Ion: 82 Resp: 212664

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.8

54 47.9 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: BG055424.D

Acq: 2 Nov 2022 21:14

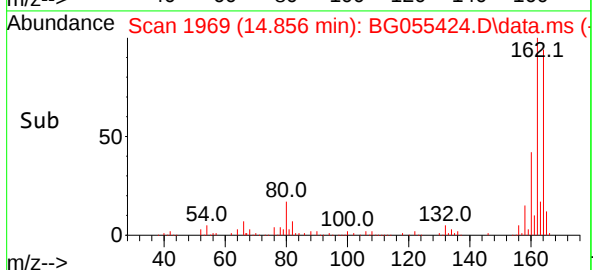
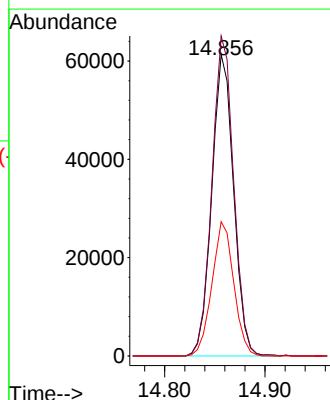
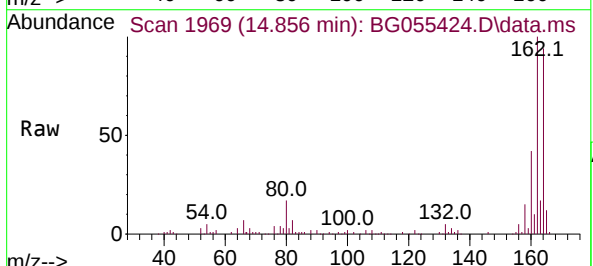
Tgt Ion:164 Resp: 92396

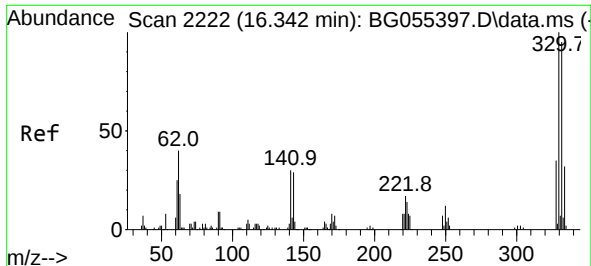
Ion Ratio Lower Upper

164 100

162 106.2 81.1 121.7

160 44.5 35.8 53.6

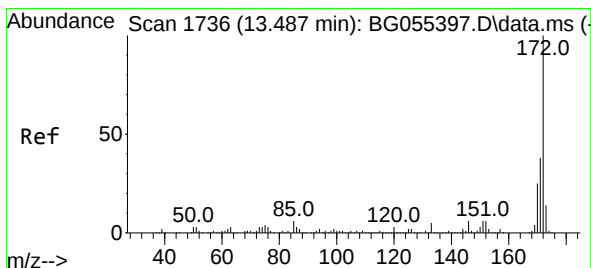
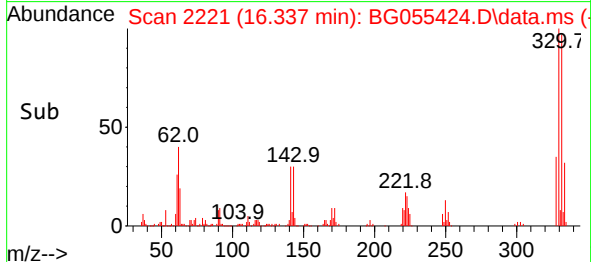
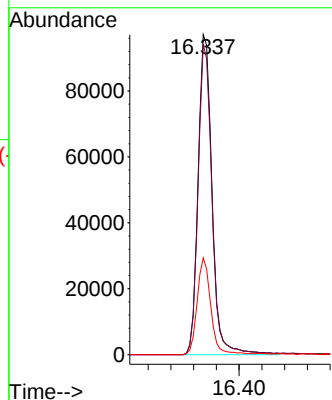
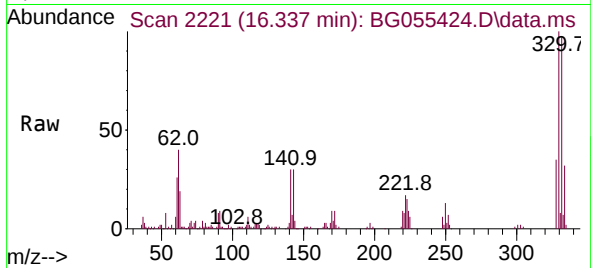




#42  
2,4,6-Tribromophenol  
Concen: 130.905 ng  
RT: 16.337 min Scan# 2221  
Delta R.T. -0.006 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

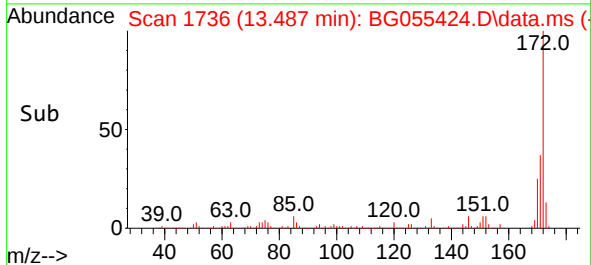
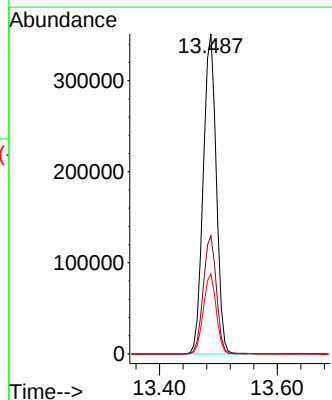
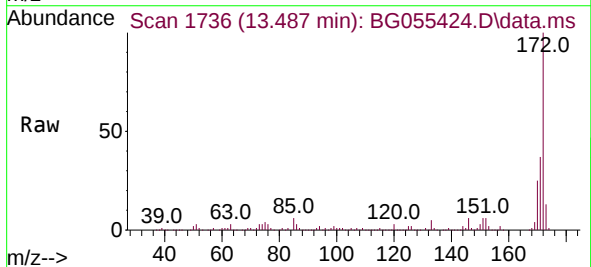
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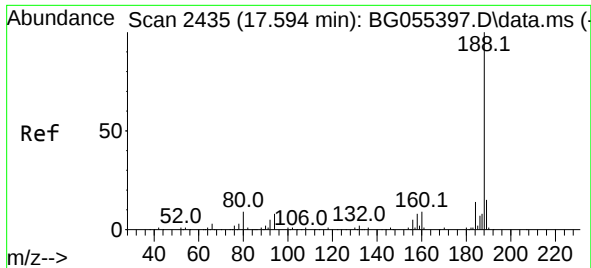
Tgt Ion:330 Resp: 164980  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.8 116.6  
141 29.4 24.2 36.2



#45  
2-Fluorobiphenyl  
Concen: 86.941 ng  
RT: 13.487 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

Tgt Ion:172 Resp: 541796  
Ion Ratio Lower Upper  
172 100  
171 36.9 30.2 45.2  
170 25.0 20.2 30.2

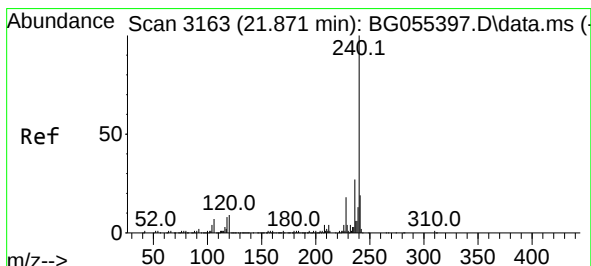
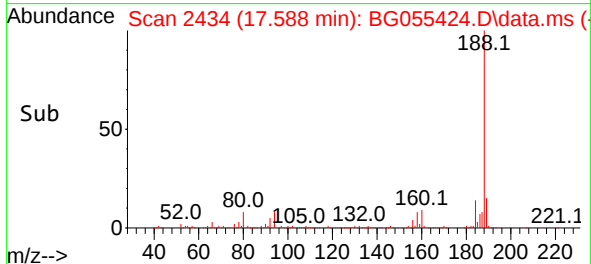
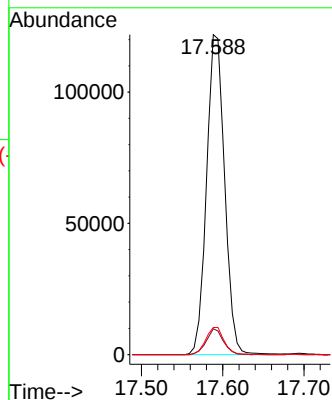
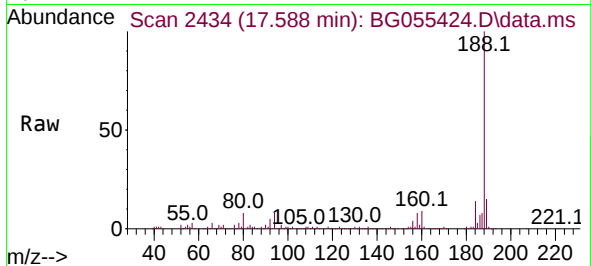




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.588 min Scan# 2434  
Delta R.T. -0.006 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

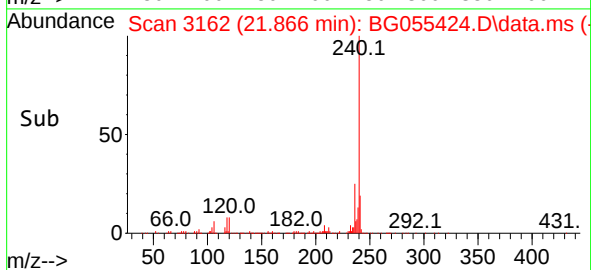
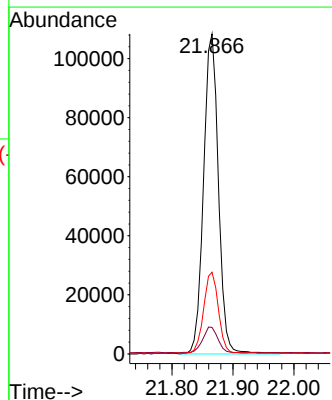
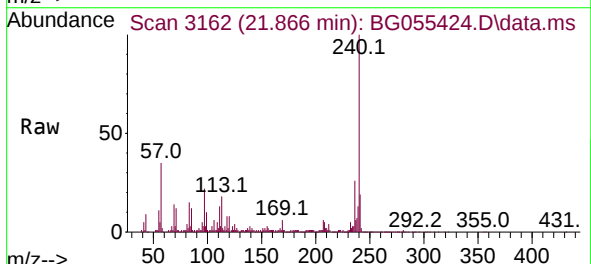
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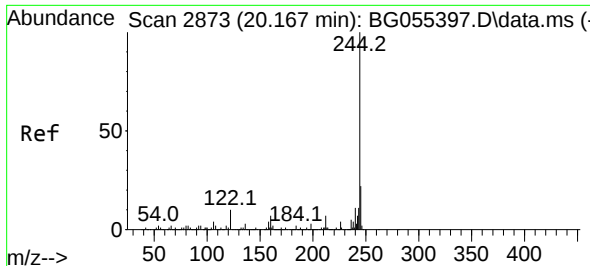
Tgt Ion:188 Resp: 188400  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.5 9.7  
80 8.5 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.866 min Scan# 3162  
Delta R.T. -0.006 min  
Lab File: BG055424.D  
Acq: 2 Nov 2022 21:14

Tgt Ion:240 Resp: 183206  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.9 10.3  
236 25.5 21.5 32.3

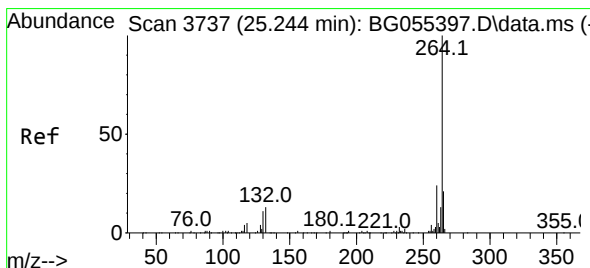
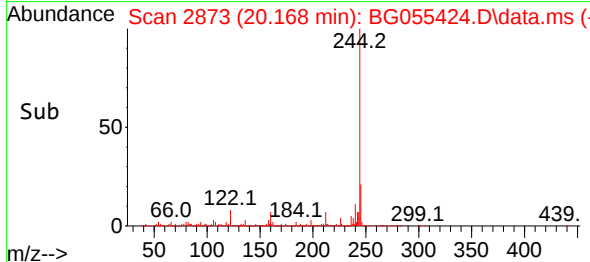
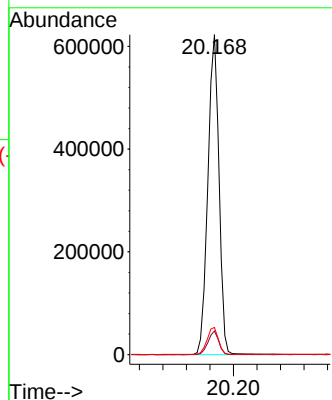
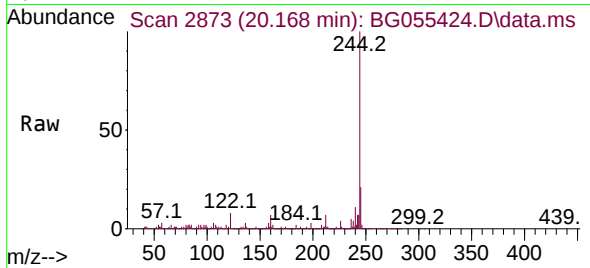




#79  
 Terphenyl-d14  
 Concen: 86.827 ng  
 RT: 20.168 min Scan# 2873  
 Delta R.T. 0.000 min  
 Lab File: BG055424.D  
 Acq: 2 Nov 2022 21:14

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 818049  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.8  
 122 8.5 7.8 11.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.238 min Scan# 3736  
 Delta R.T. -0.005 min  
 Lab File: BG055424.D  
 Acq: 2 Nov 2022 21:14

Tgt Ion:264 Resp: 202227  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.9 28.3  
 265 22.0 17.1 25.7

