

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080522\  
 Data File : BG054534.D  
 Acq On : 5 Aug 2022 14:02  
 Operator : CG/JU  
 Sample : N3931-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-129

Quant Time: Aug 06 05:39:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 04:30:50 2022  
 Response via : Initial Calibration

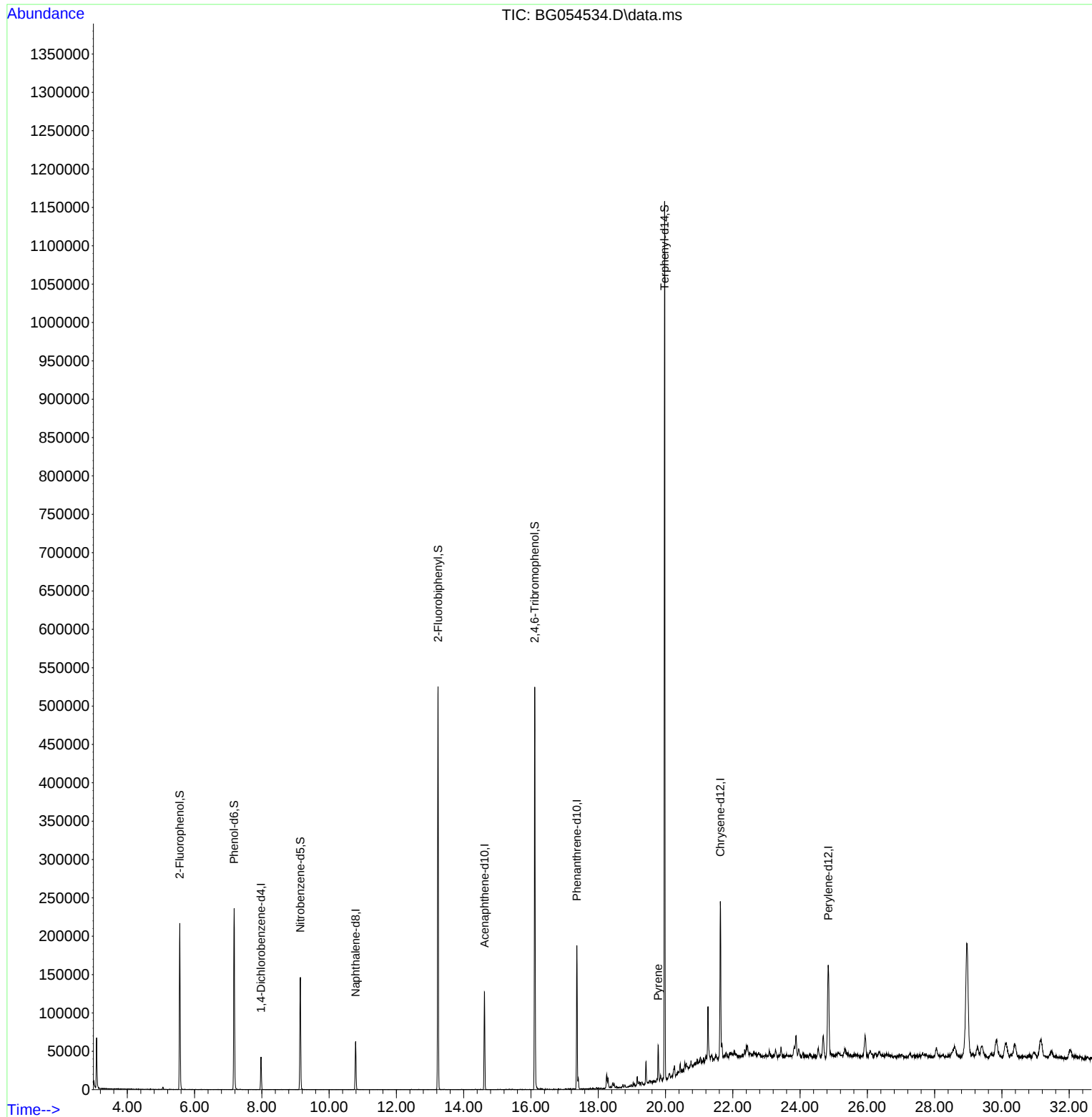
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.975  | 152  | 13716    | 20.000  | ng    | -0.01     |
| 21) Naphthalene-d8          | 10.790 | 136  | 58881    | 20.000  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.620 | 164  | 52077    | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.364 | 188  | 132988   | 20.000  | ng    | # 0.00    |
| 76) Chrysene-d12            | 21.630 | 240  | 140578   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12            | 24.838 | 264  | 148812   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.560  | 112  | 95960    | 146.073 | ng    | 0.00      |
| 7) Phenol-d6                | 7.176  | 99   | 137166   | 152.379 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.144  | 82   | 91025    | 84.186  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.113 | 330  | 142078   | 129.939 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.240 | 172  | 312485   | 84.648  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.973 | 244  | 655841   | 92.551  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 78) Pyrene                  | 19.779 | 202  | 29283    | 3.630   | ng    | Qvalue 96 |
| -----                       |        |      |          |         |       |           |

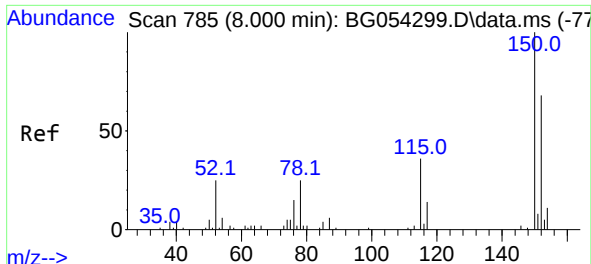
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080522\  
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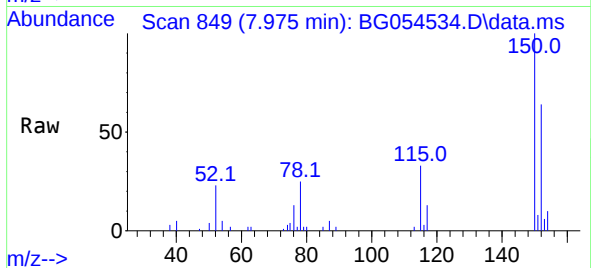
Quant Time: Aug 06 05:39:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
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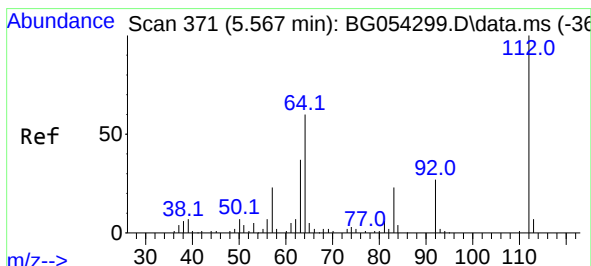
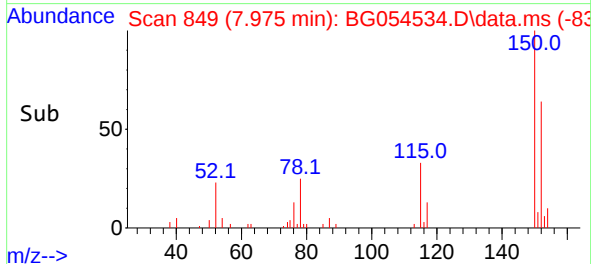
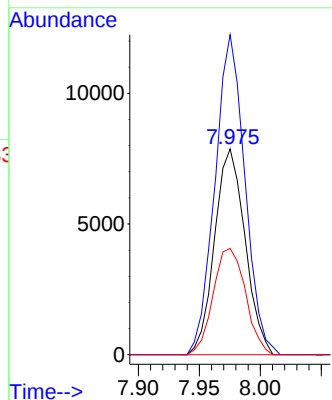


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.975 min Scan# 84  
Delta R.T. -0.013 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Instrument :  
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ClientSampleId :  
RVE-129

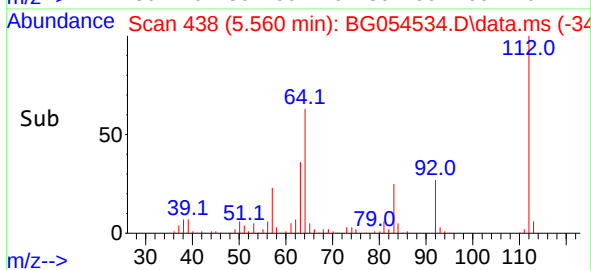
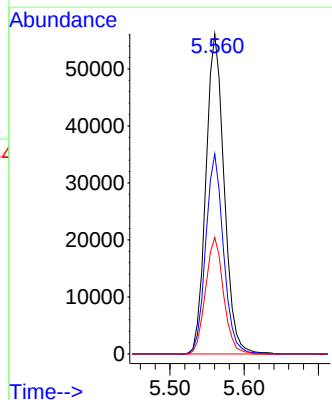
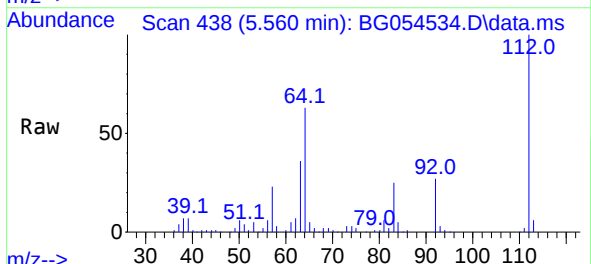


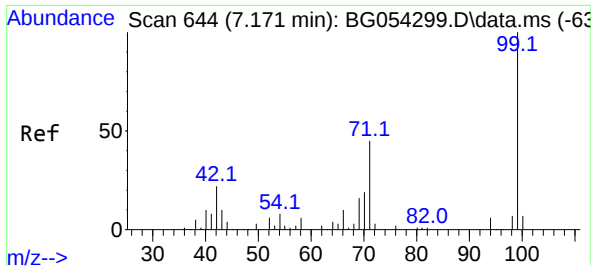
Tgt Ion:152 Resp: 13716  
Ion Ratio Lower Upper  
152 100  
150 155.5 131.6 197.4  
115 51.7 50.9 76.3



#5  
2-Fluorophenol  
Concen: 146.073 ng  
RT: 5.560 min Scan# 438  
Delta R.T. -0.001 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Tgt Ion:112 Resp: 95960  
Ion Ratio Lower Upper  
112 100  
64 62.5 55.1 82.7  
63 36.4 30.4 45.6

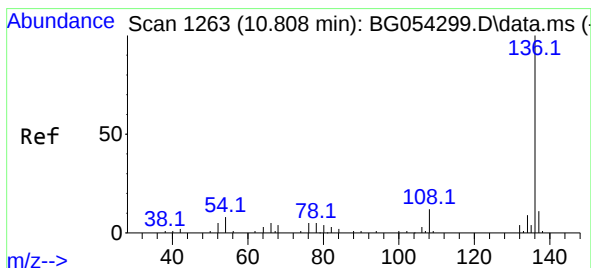
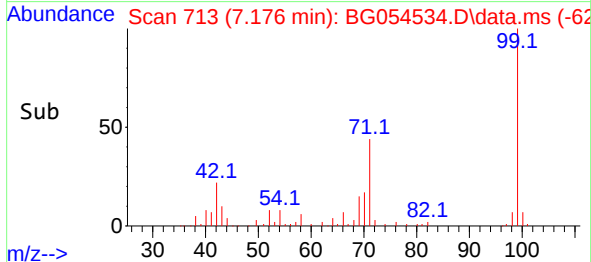
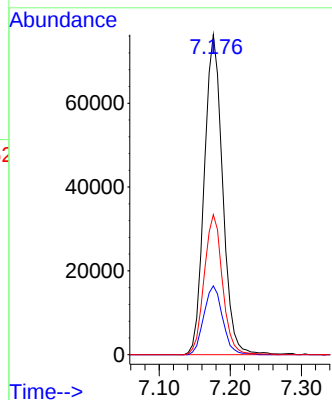
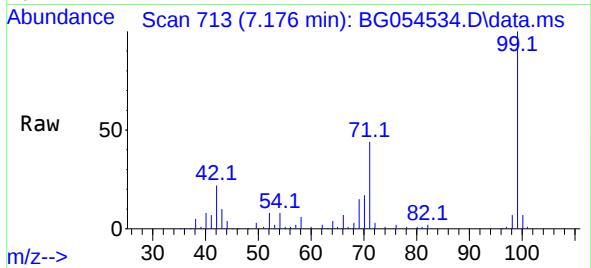




#7  
Phenol-d6  
Concen: 152.379 ng  
RT: 7.176 min Scan# 71  
Delta R.T. 0.004 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

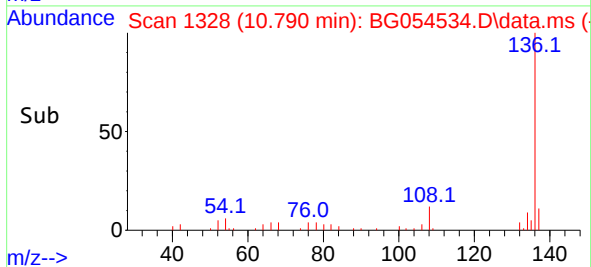
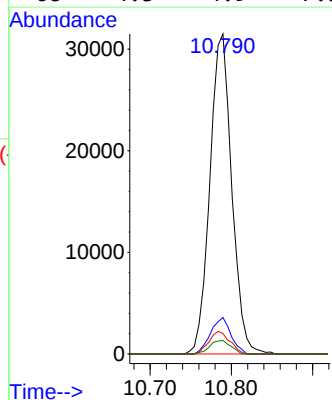
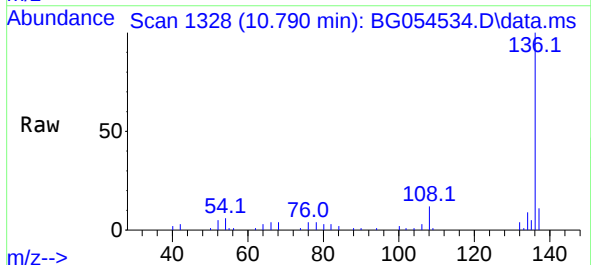
Instrument :  
BNA\_G  
ClientSampleId :  
RVE-129

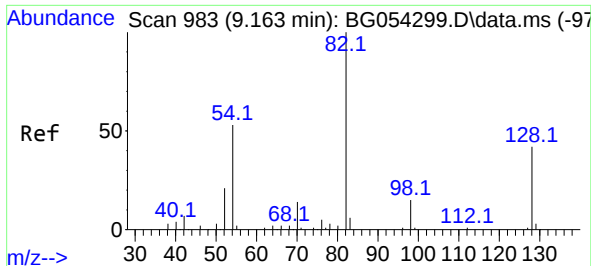
Tgt Ion: 99 Resp: 137166  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 43.8 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.790 min Scan# 1328  
Delta R.T. -0.007 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Tgt Ion: 136 Resp: 58881  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.5 12.7  
54 6.4 7.4 11.2#  
68 4.3 4.9 7.3#

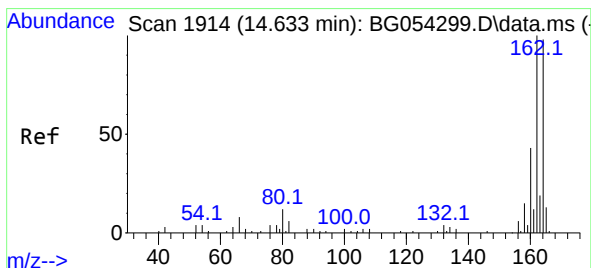
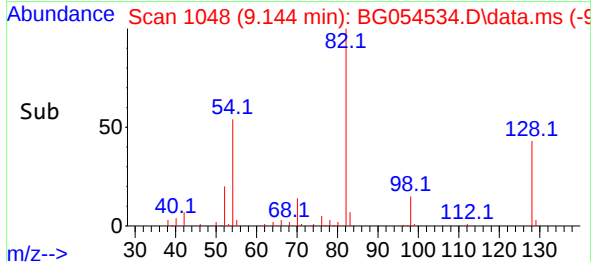
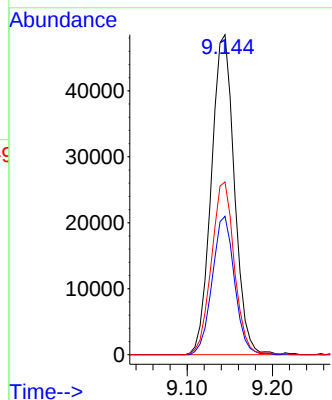
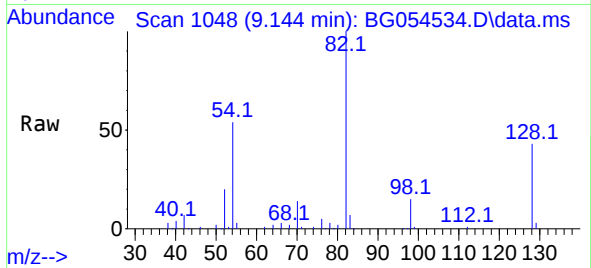




#23  
Nitrobenzene-d5  
Concen: 84.186 ng  
RT: 9.144 min Scan# 1048  
Delta R.T. -0.007 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

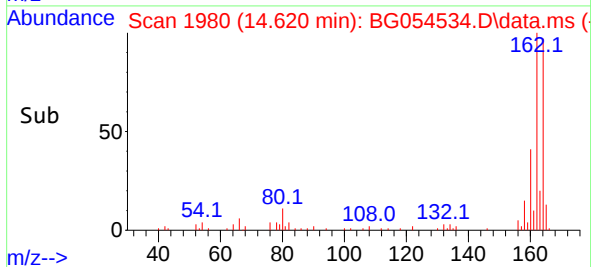
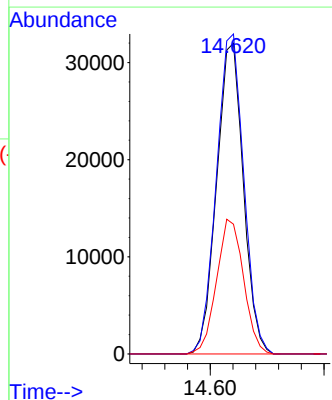
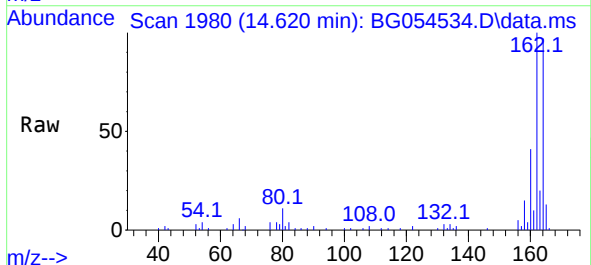
Instrument :  
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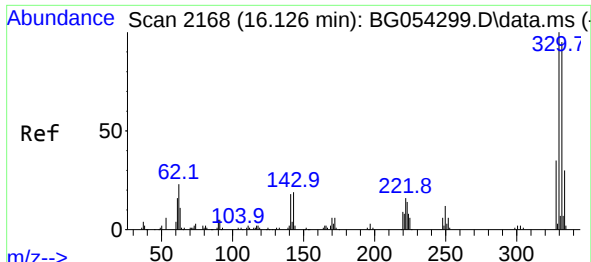
Tgt Ion: 82 Resp: 91025  
Ion Ratio Lower Upper  
82 100  
128 43.3 27.9 41.9#  
54 54.0 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.620 min Scan# 1980  
Delta R.T. -0.001 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Tgt Ion:164 Resp: 52077  
Ion Ratio Lower Upper  
164 100  
162 103.0 82.3 123.5  
160 41.7 34.2 51.2

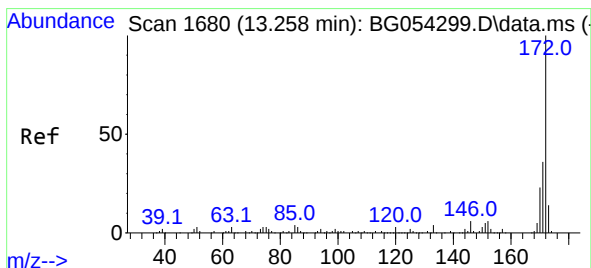
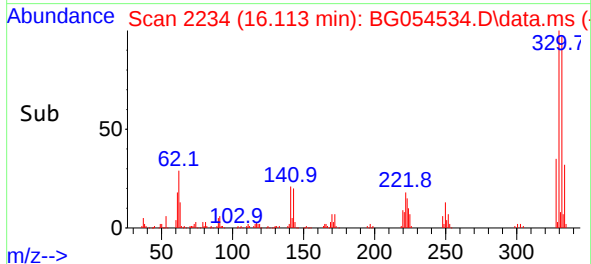
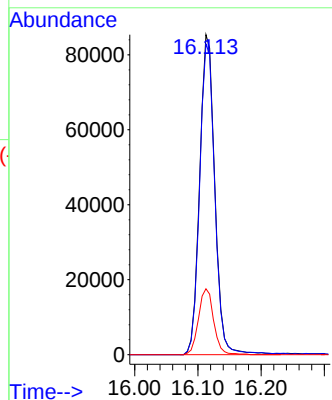
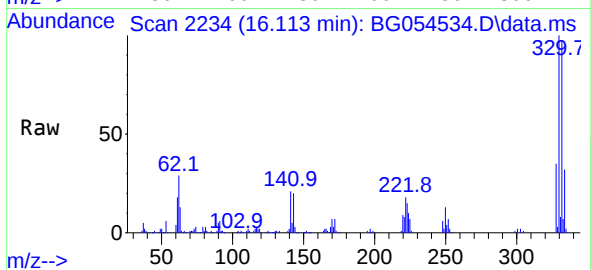




#42  
2,4,6-Tribromophenol  
Concen: 129.939 ng  
RT: 16.113 min Scan# 2168  
Delta R.T. -0.001 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

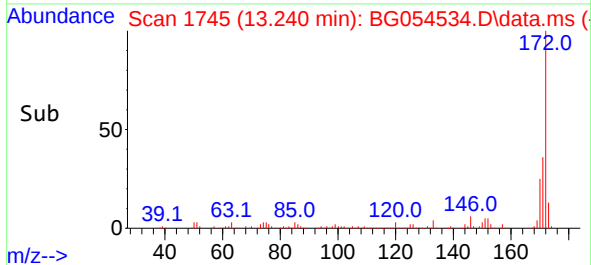
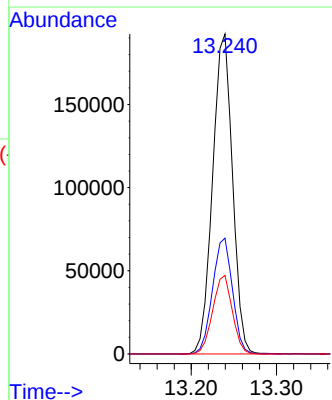
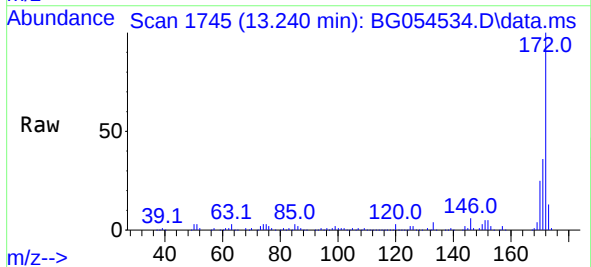
Instrument :  
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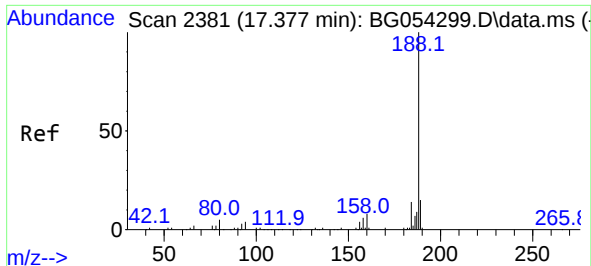
Tgt Ion:330 Resp: 142078  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.0 114.0  
141 20.6 27.1 40.7#



#45  
2-Fluorobiphenyl  
Concen: 84.648 ng  
RT: 13.240 min Scan# 1745  
Delta R.T. -0.007 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Tgt Ion:172 Resp: 312485  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 24.5 18.9 28.3

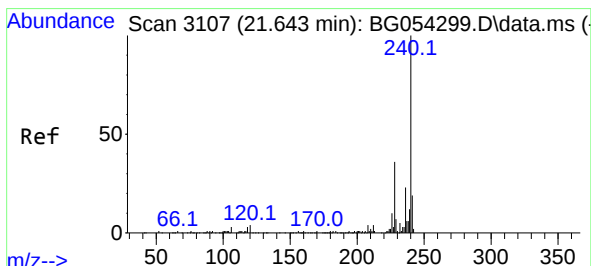
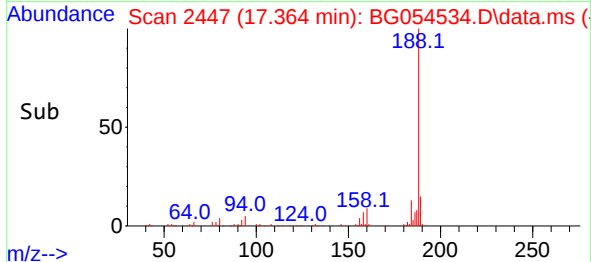
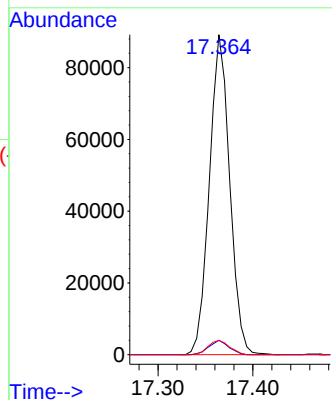
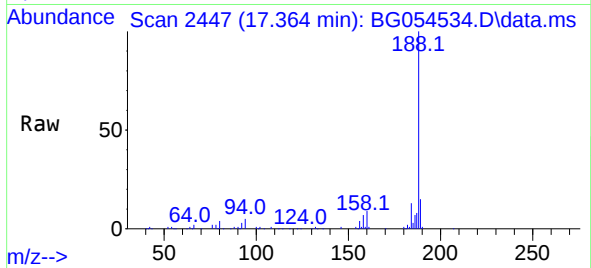




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.364 min Scan# 2447  
Delta R.T. -0.007 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

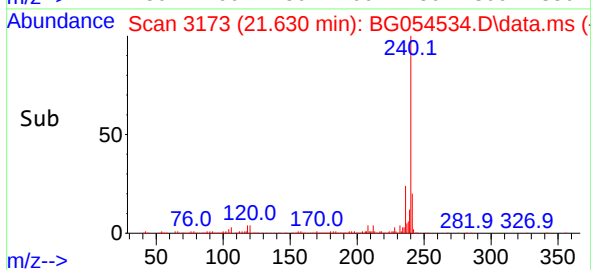
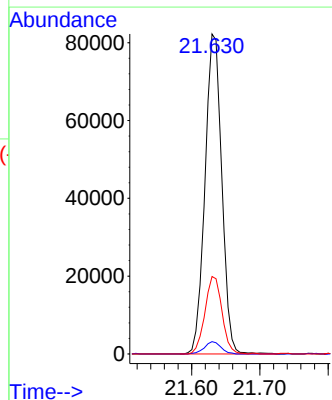
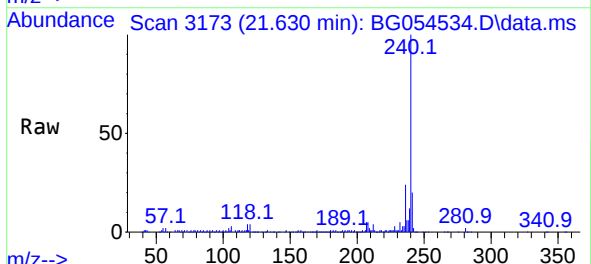
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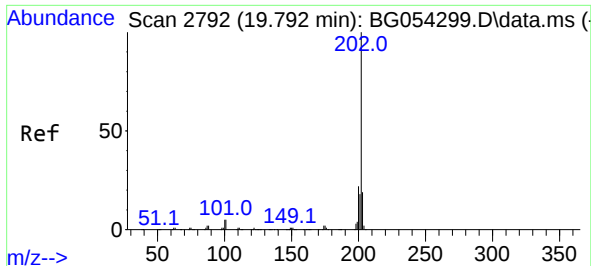
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Ion Ratio Lower Upper  
188 100  
94 4.5 5.4 8.0#  
80 4.5 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3173  
Delta R.T. -0.007 min  
Lab File: BG054534.D  
Acq: 5 Aug 2022 14:02

Tgt Ion:240 Resp: 140578  
Ion Ratio Lower Upper  
240 100  
120 3.9 4.6 7.0#  
236 24.2 20.2 30.4

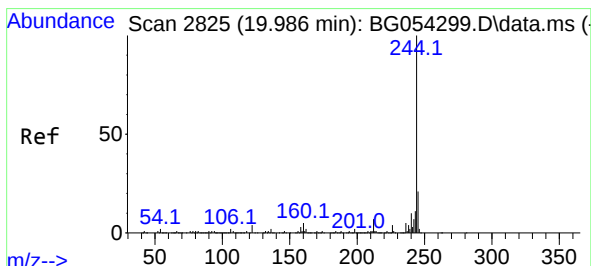
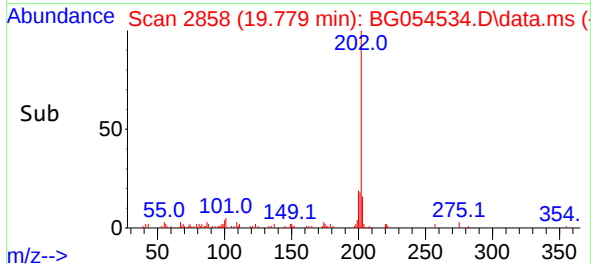
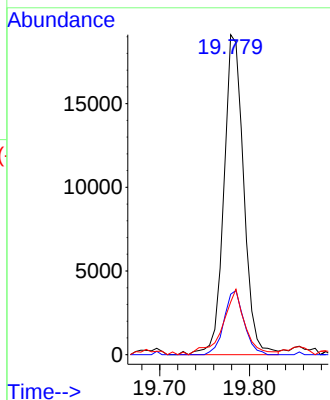
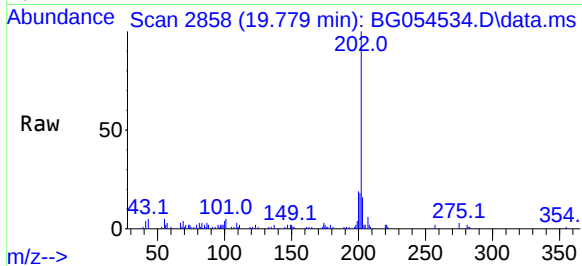




#78  
 Pyrene  
 Concen: 3.630 ng  
 RT: 19.779 min Scan# 2858  
 Delta R.T. -0.007 min  
 Lab File: BG054534.D  
 Acq: 5 Aug 2022 14:02

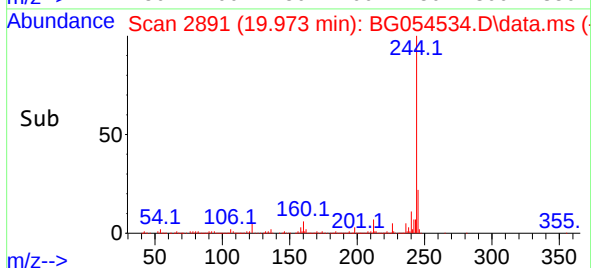
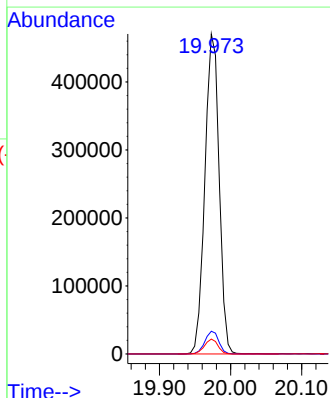
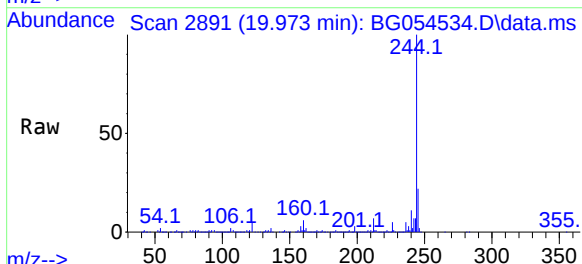
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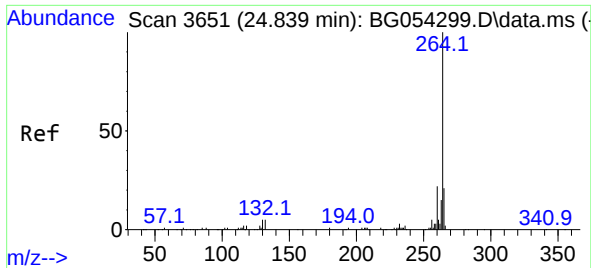
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 29283 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 18.9  | 16.6  | 24.8  |
| 203      | 16.4  | 14.6  | 21.8  |



#79  
 Terphenyl-d14  
 Concen: 92.551 ng  
 RT: 19.973 min Scan# 2891  
 Delta R.T. -0.007 min  
 Lab File: BG054534.D  
 Acq: 5 Aug 2022 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 655841 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 7.1   | 6.5   | 9.7    |
| 122      | 4.6   | 5.0   | 7.4    |





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.838 min Scan# 31  
 Delta R.T. 0.004 min  
 Lab File: BG054534.D  
 Acq: 5 Aug 2022 14:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-129

Tgt Ion:264 Resp: 148812  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.0 28.6  
 265 22.6 17.4 26.2

