

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072822\  
 Data File : BG054427.D  
 Acq On : 28 Jul 2022 11:28  
 Operator : CG/JU  
 Sample : PB146489BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146489BL

Quant Time: Jul 29 04:14:27 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   | 7.987  | 152  | 15357    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.796 | 136  | 58808    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.621 | 164  | 46642    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.370 | 188  | 129831   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.636 | 240  | 155774   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.838 | 264  | 161545   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.561  | 112  | 110916   | 150.798 | ng    | 0.00     |
| 7) Phenol-d6                | 7.171  | 99   | 142821   | 141.708 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.151  | 82   | 98742    | 91.436  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.113 | 330  | 126929   | 129.611 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.246 | 172  | 292112   | 88.350  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.979 | 244  | 741366   | 94.414  | ng    | 0.00     |

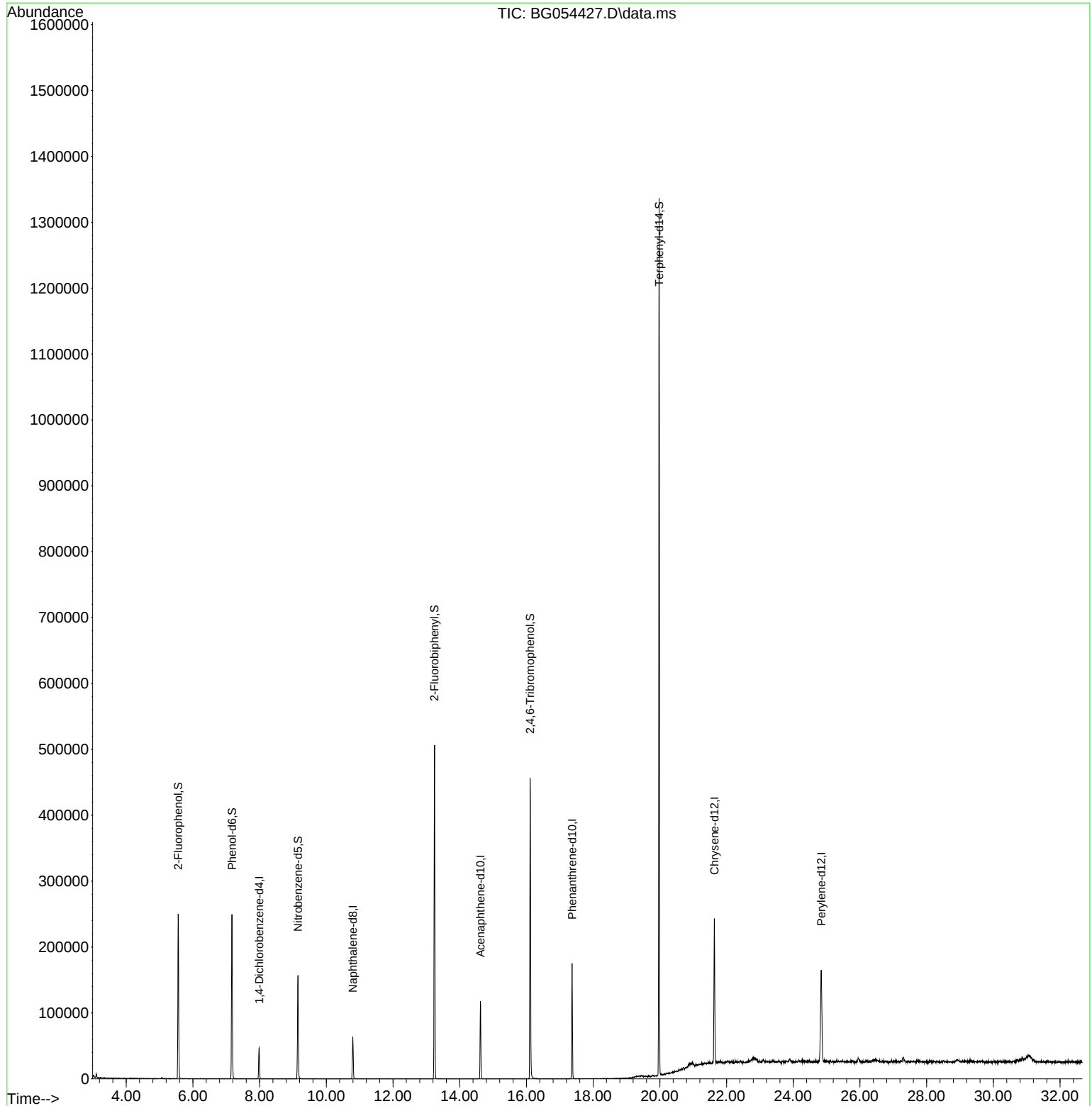
Target Compounds Qvalue

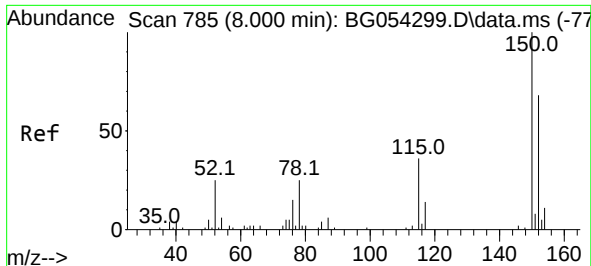
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072822\  
Data File : BG054427.D  
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BNA\_G  
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PB146489BL

Quant Time: Jul 29 04:14:27 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

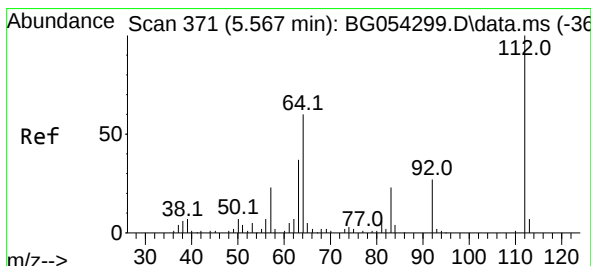
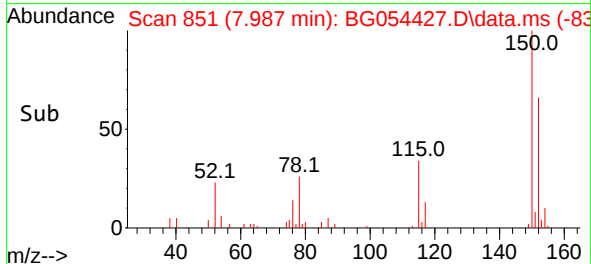
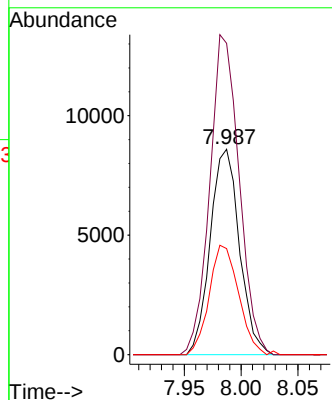
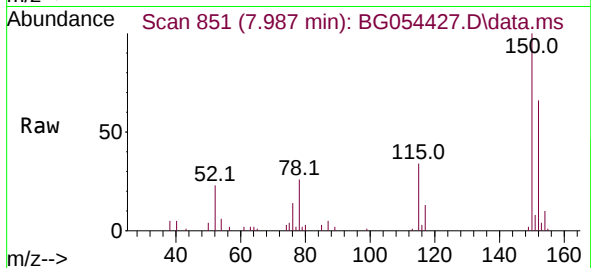




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.987 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

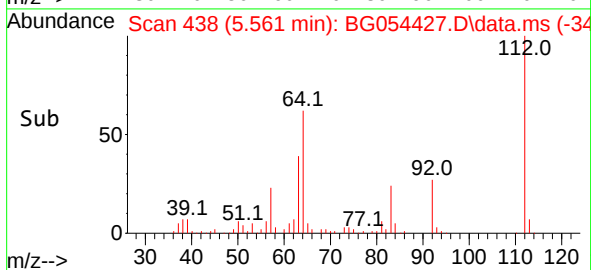
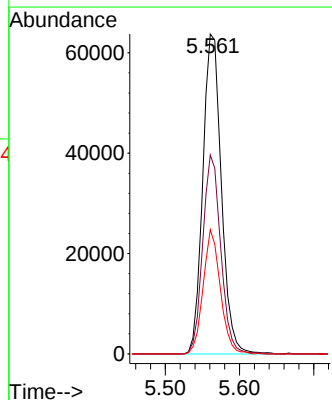
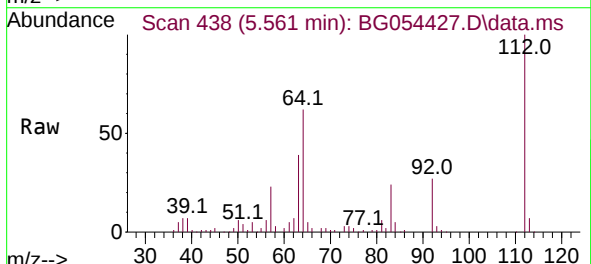
Instrument :  
BNA\_G  
ClientSampleId :  
PB146489BL

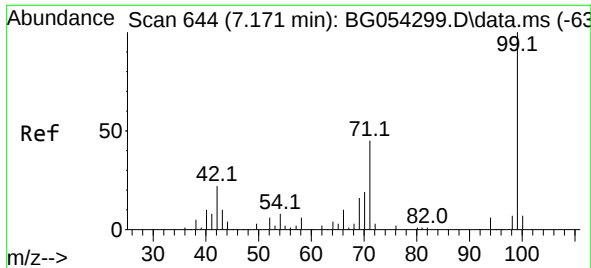
Tgt Ion:152 Resp: 15357  
Ion Ratio Lower Upper  
152 100  
150 151.6 131.6 197.4  
115 51.6 50.9 76.3



#5  
2-Fluorophenol  
Concen: 150.798 ng  
RT: 5.561 min Scan# 438  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

Tgt Ion:112 Resp: 110916  
Ion Ratio Lower Upper  
112 100  
64 62.2 55.1 82.7  
63 38.8 30.4 45.6

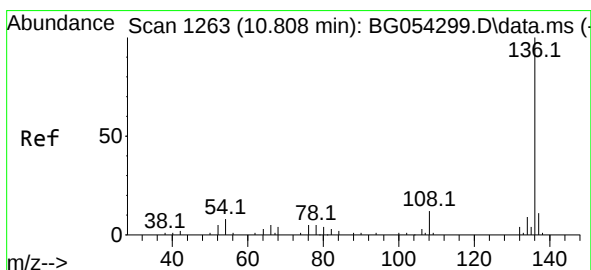
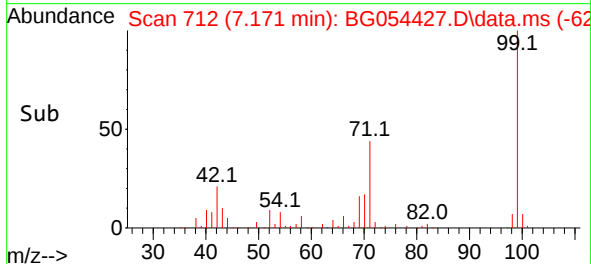
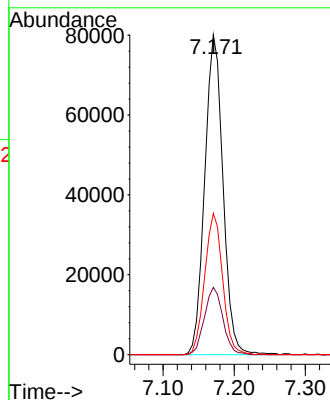
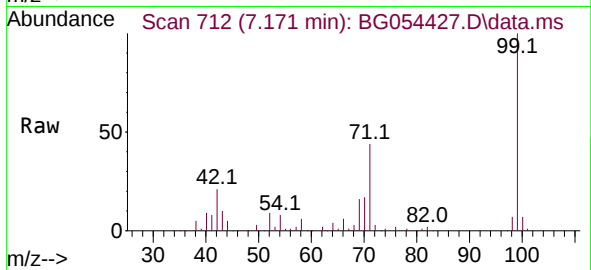




#7  
Phenol-d6  
Concen: 141.708 ng  
RT: 7.171 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

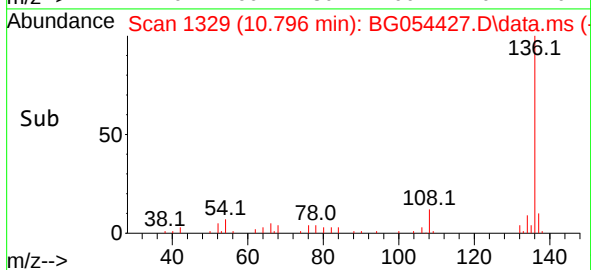
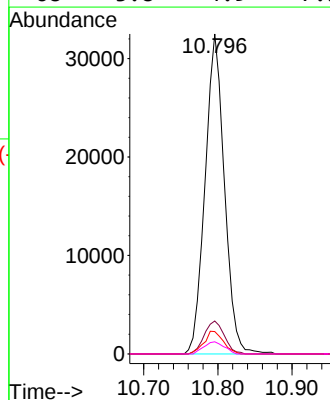
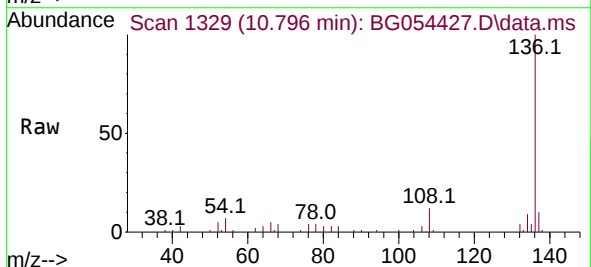
Instrument :  
BNA\_G  
ClientSampleId :  
PB146489BL

Tgt Ion: 99 Resp: 142821  
Ion Ratio Lower Upper  
99 100  
42 21.0 17.0 25.6  
71 44.1 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.796 min Scan# 1329  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

Tgt Ion:136 Resp: 58808  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.5 12.7  
54 7.0 7.4 11.2#  
68 3.8 4.9 7.3#

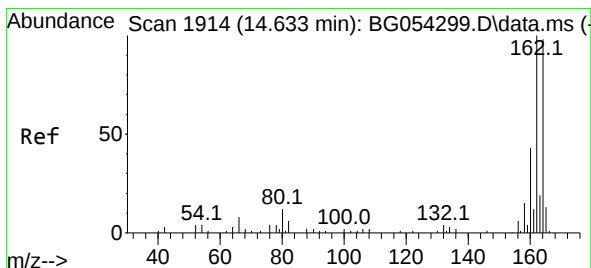
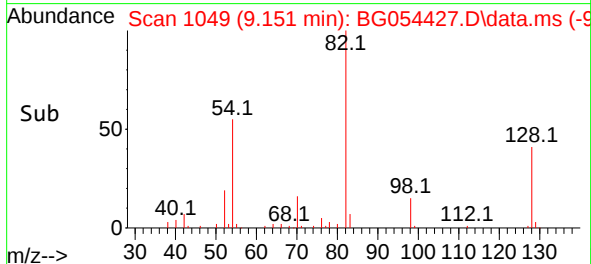
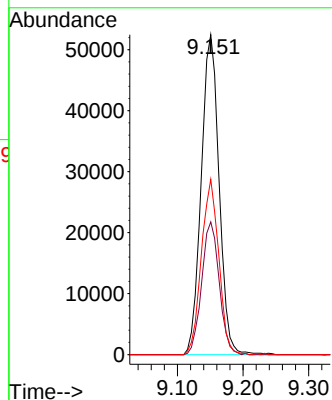
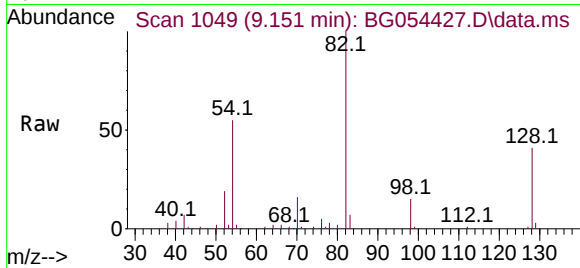




#23  
 Nitrobenzene-d5  
 Concen: 91.436 ng  
 RT: 9.151 min Scan# 1049  
 Delta R.T. -0.001 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

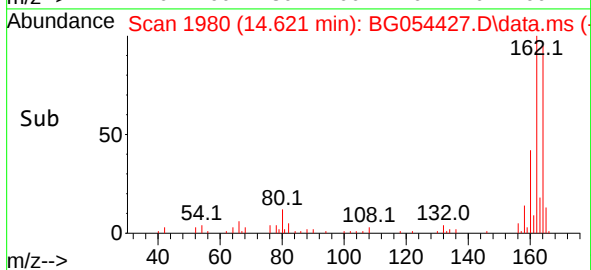
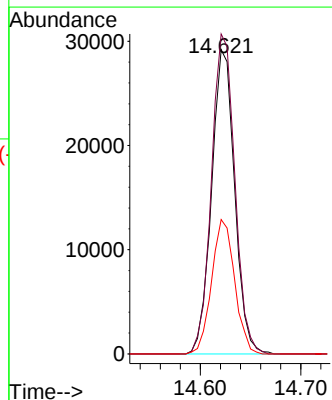
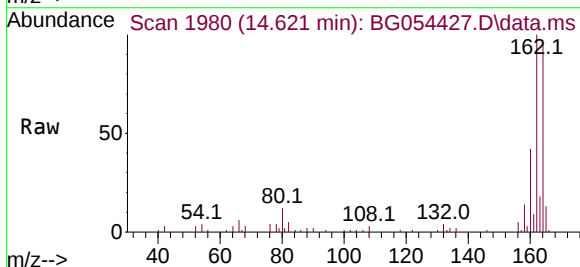
Instrument :  
 BNA\_G  
 ClientSampleId :  
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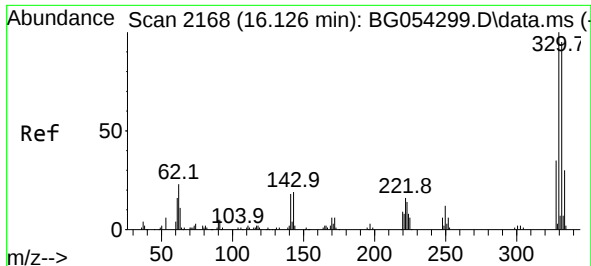
Tgt Ion: 82 Resp: 98742  
 Ion Ratio Lower Upper  
 82 100  
 128 41.5 27.9 41.9  
 54 54.8 41.2 61.8



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.621 min Scan# 1980  
 Delta R.T. -0.001 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

Tgt Ion:164 Resp: 46642  
 Ion Ratio Lower Upper  
 164 100  
 162 105.2 82.3 123.5  
 160 44.2 34.2 51.2

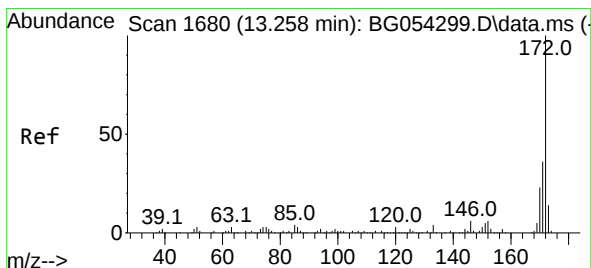
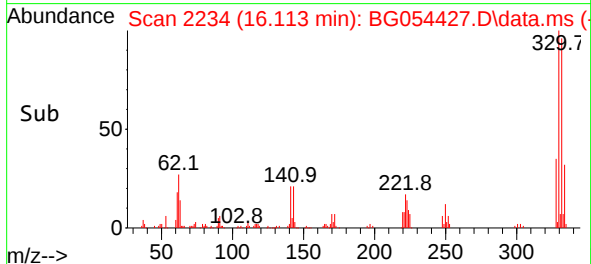
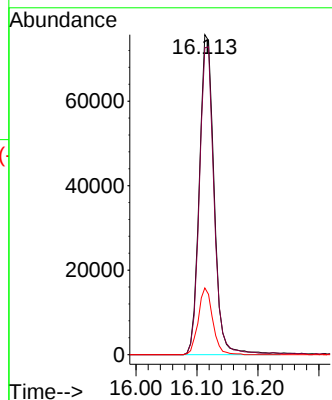
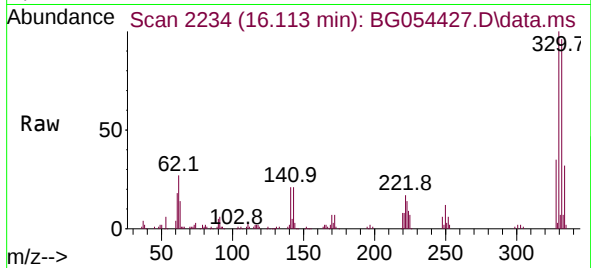




#42  
 2,4,6-Tribromophenol  
 Concen: 129.611 ng  
 RT: 16.113 min Scan# 2168  
 Delta R.T. -0.001 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

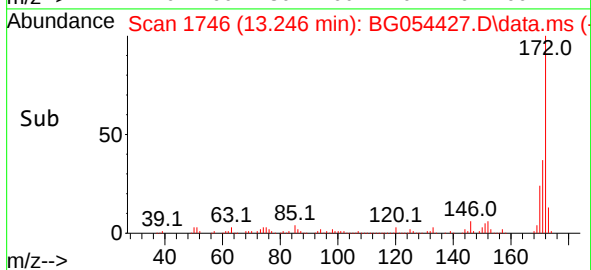
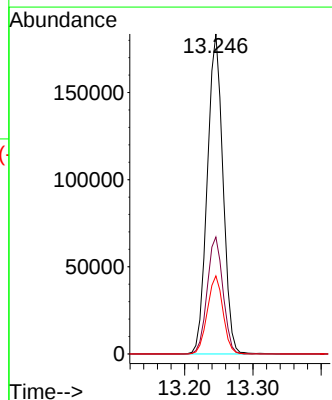
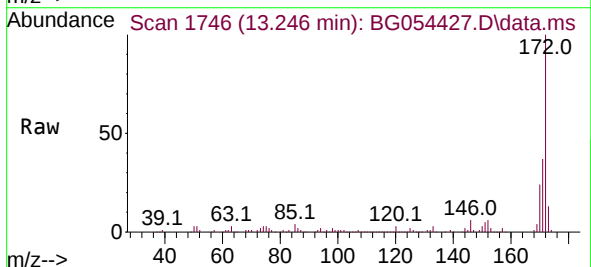
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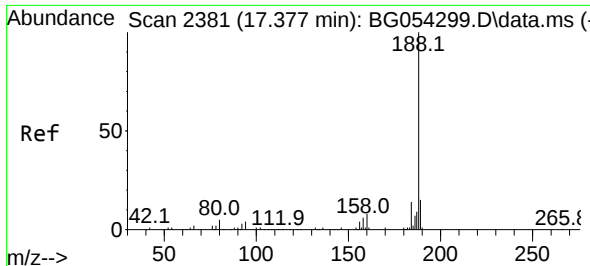
Tgt Ion:330 Resp: 126929  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 76.0 114.0  
 141 20.4 27.1 40.7#



#45  
 2-Fluorobiphenyl  
 Concen: 88.350 ng  
 RT: 13.246 min Scan# 1746  
 Delta R.T. -0.001 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

Tgt Ion:172 Resp: 292112  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 28.5 42.7  
 170 24.4 18.9 28.3

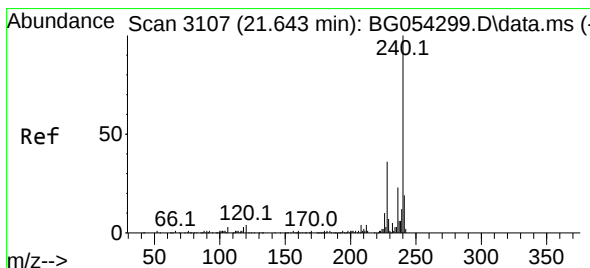
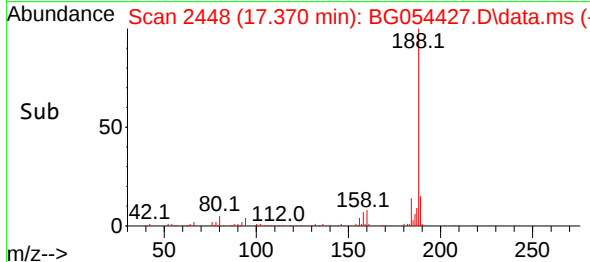
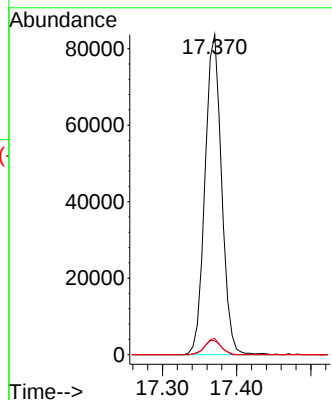
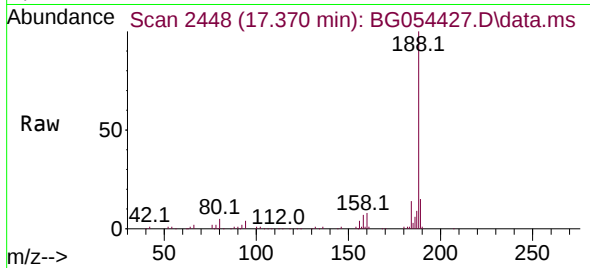




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.370 min Scan# 24  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

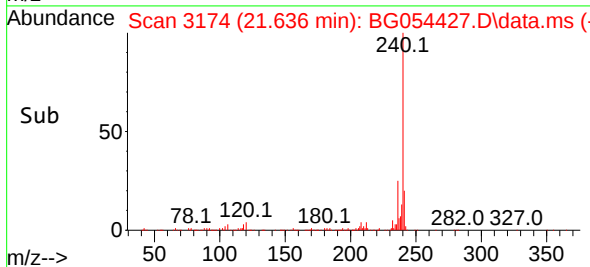
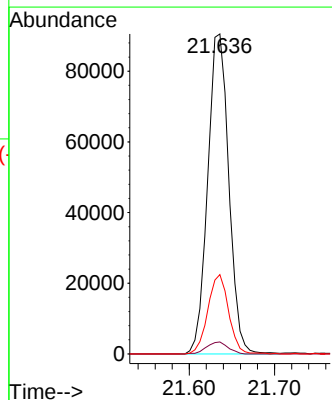
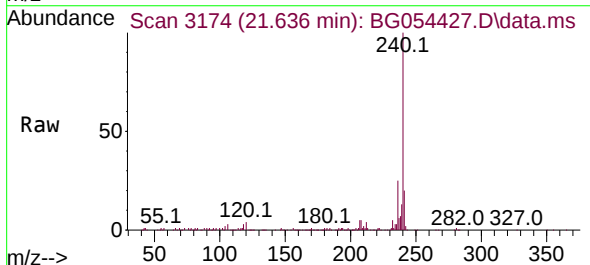
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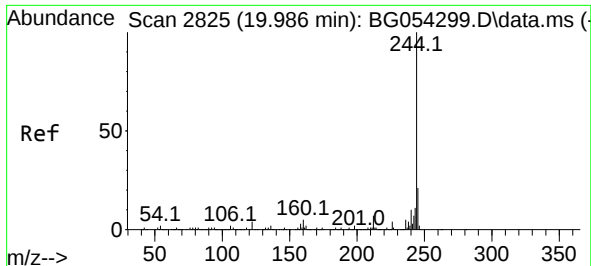
Tgt Ion:188 Resp: 129831  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.4 8.0#  
80 5.1 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3174  
Delta R.T. -0.001 min  
Lab File: BG054427.D  
Acq: 28 Jul 2022 11:28

Tgt Ion:240 Resp: 155774  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.6 7.0#  
236 24.8 20.2 30.4

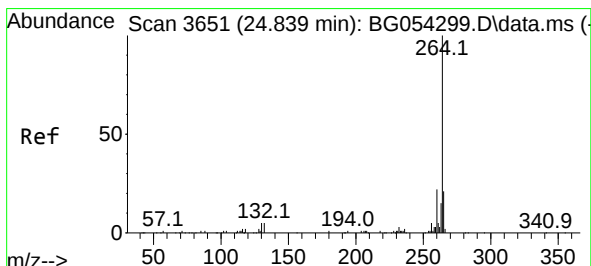
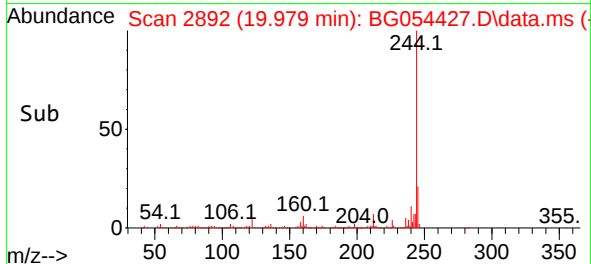
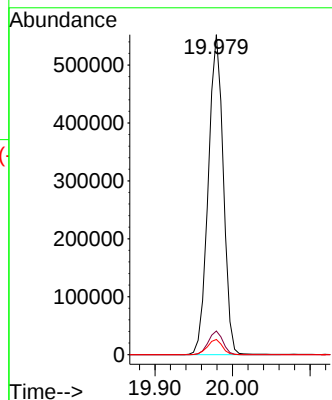
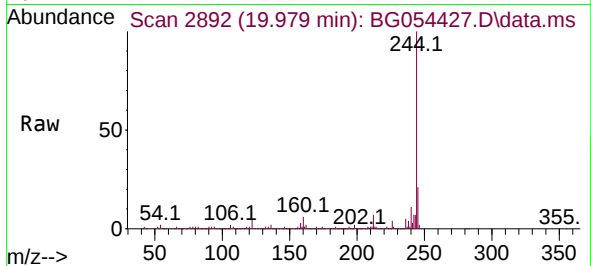




#79  
 Terphenyl-d14  
 Concen: 94.414 ng  
 RT: 19.979 min Scan# 2825  
 Delta R.T. -0.001 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146489BL

Tgt Ion:244 Resp: 741366  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.5 9.7  
 122 4.7 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.838 min Scan# 3719  
 Delta R.T. 0.005 min  
 Lab File: BG054427.D  
 Acq: 28 Jul 2022 11:28

Tgt Ion:264 Resp: 161545  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.0 28.6  
 265 21.4 17.4 26.2

