

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055680.D  
 Acq On : 18 Nov 2022 00:48  
 Operator : CG/JU  
 Sample : N5607-07 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-38

Quant Time: Nov 18 03:18:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

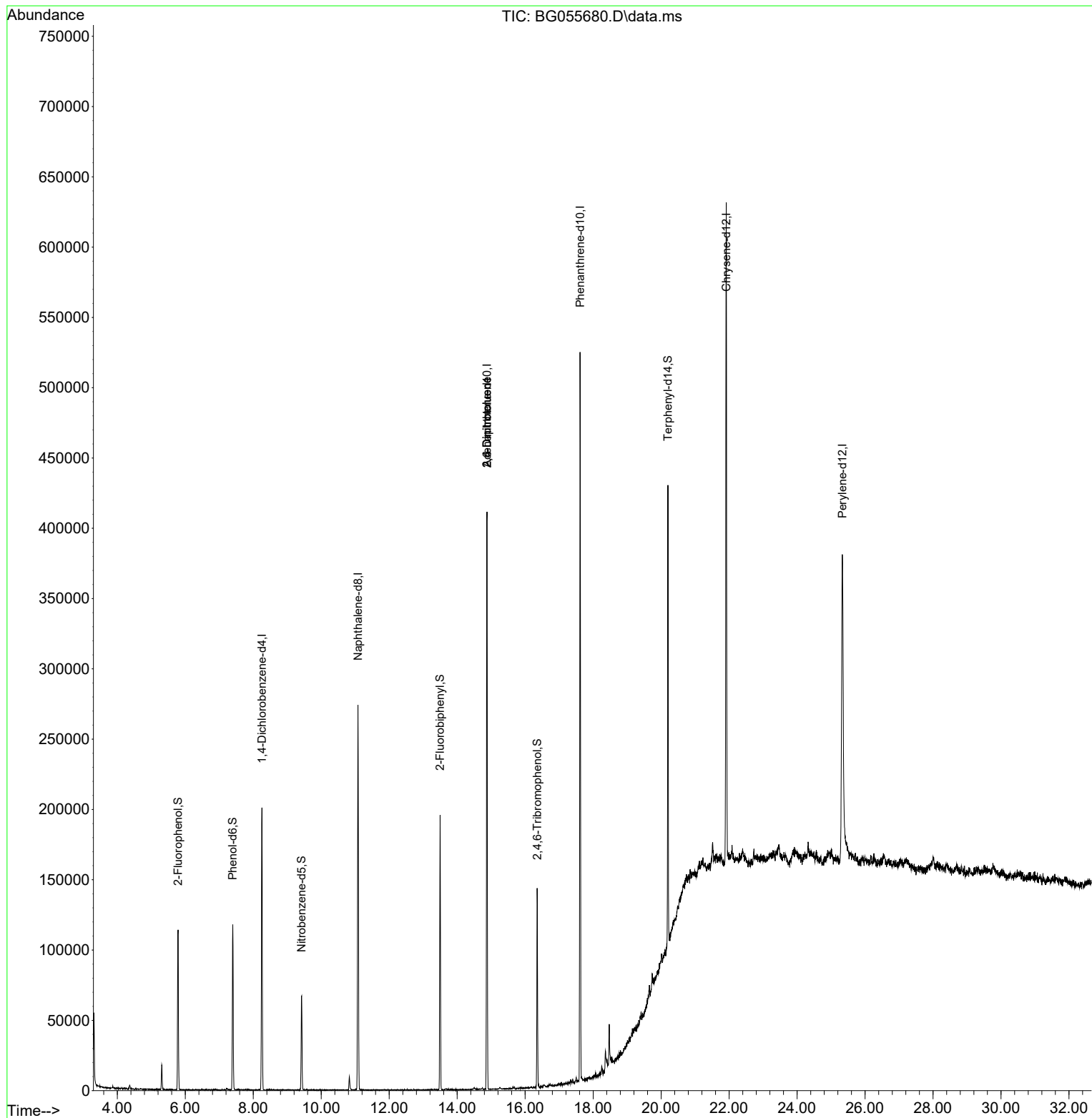
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|--------|-------|-------------|
| -----                       |        |      |          |        |       |             |
| Internal Standards          |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 8.256  | 152  | 58458    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8          | 11.082 | 136  | 232839   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.877 | 164  | 153781   | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10        | 17.615 | 188  | 329701   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12            | 21.916 | 240  | 305590   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12            | 25.336 | 264  | 295475   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds |        |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.788  | 112  | 51776    | 16.009 | ng    | 0.00        |
| 7) Phenol-d6                | 7.398  | 99   | 67139    | 15.595 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.419  | 82   | 40623    | 9.221  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 16.358 | 330  | 30178    | 13.936 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 13.497 | 172  | 103434   | 10.076 | ng    | 0.00        |
| 79) Terphenyl-d14           | 20.201 | 244  | 158840   | 10.396 | ng    | 0.00        |
| Target Compounds            |        |      |          |        |       |             |
| 51) 2,6-Dinitrotoluene      | 14.877 | 165  | 19863    | 7.924  | ng    | Qvalue # 25 |
| 57) 2,4-Dinitrotoluene      | 14.877 | 165  | 19863    | 5.621  | ng    | # 23        |
| -----                       |        |      |          |        |       |             |

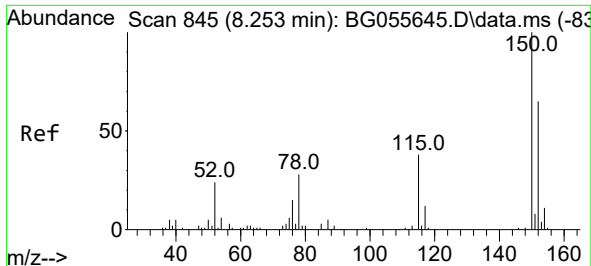
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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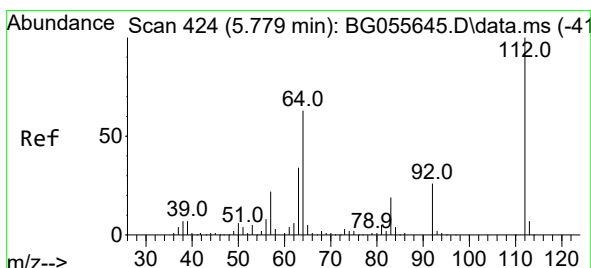
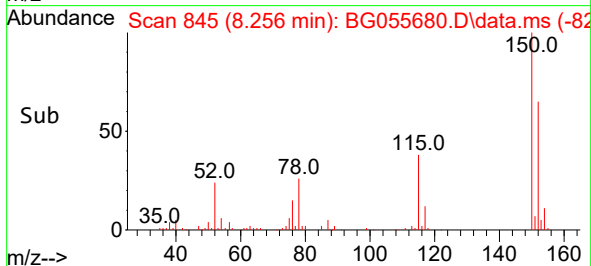
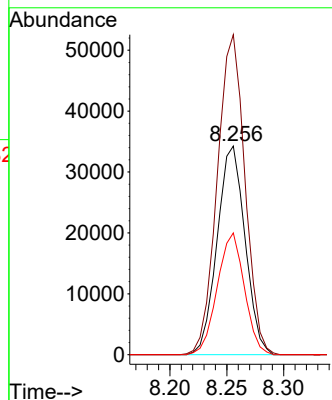
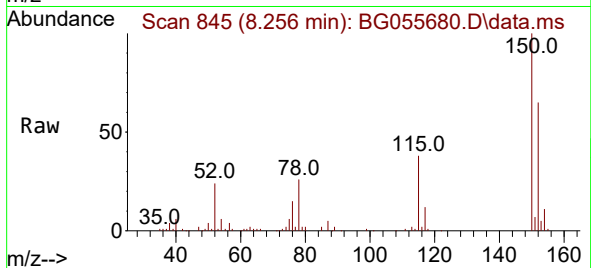




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.256 min Scan# 845  
Delta R.T. 0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

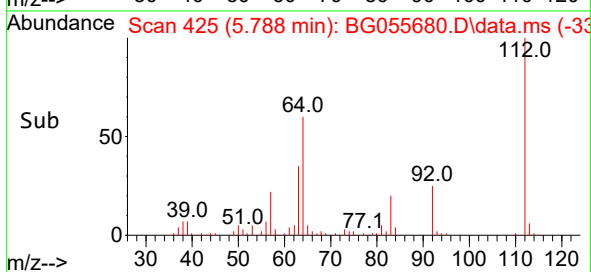
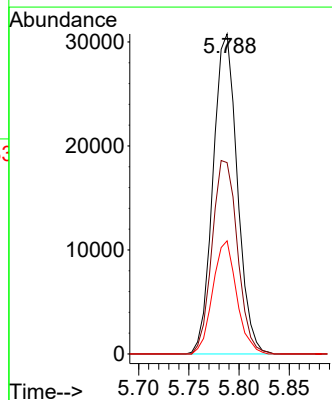
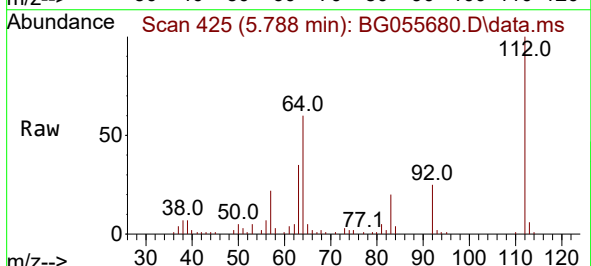
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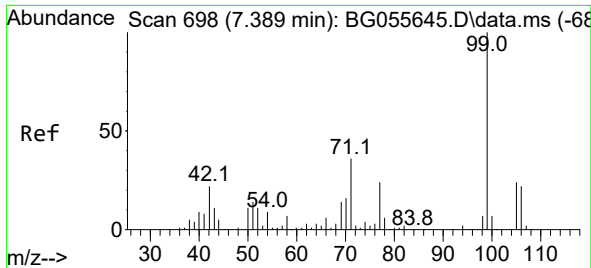
Tgt Ion:152 Resp: 58458  
Ion Ratio Lower Upper  
152 100  
150 153.4 123.0 184.6  
115 58.3 47.0 70.4



#5  
2-Fluorophenol  
Concen: 16.009 ng  
RT: 5.788 min Scan# 425  
Delta R.T. 0.009 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:112 Resp: 51776  
Ion Ratio Lower Upper  
112 100  
64 59.8 50.6 76.0  
63 35.4 27.5 41.3

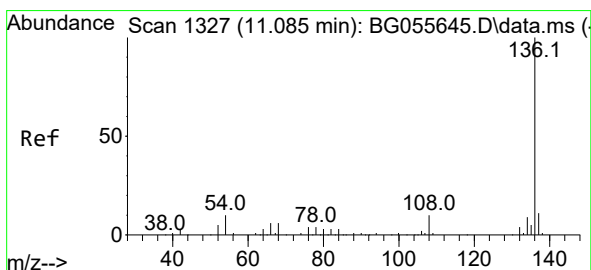
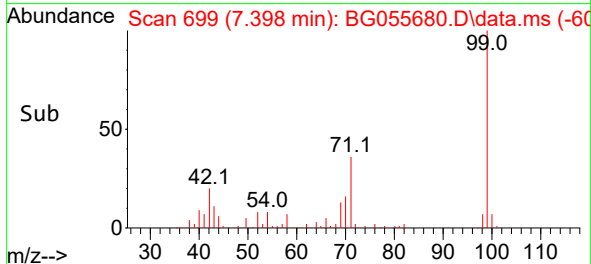
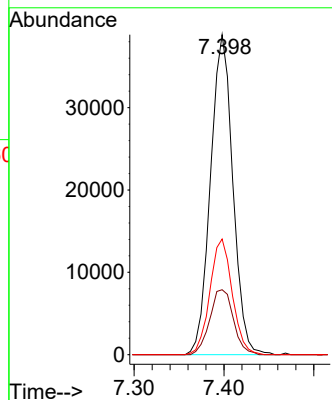
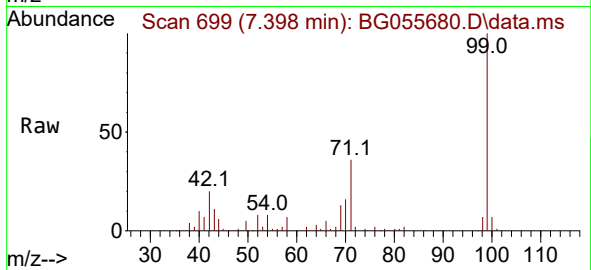




#7  
Phenol-d6  
Concen: 15.595 ng  
RT: 7.398 min Scan# 699  
Delta R.T. 0.009 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

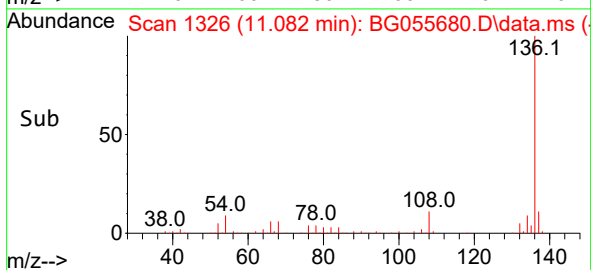
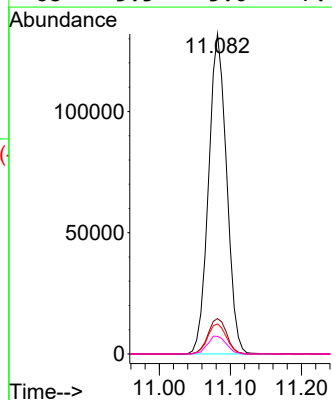
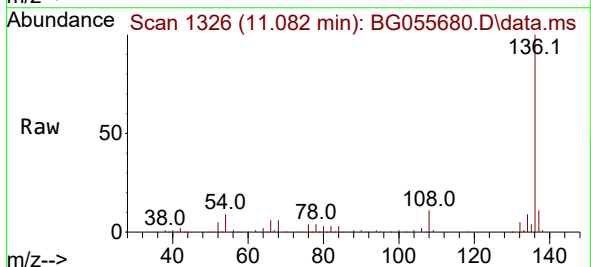
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ClientSampleId :  
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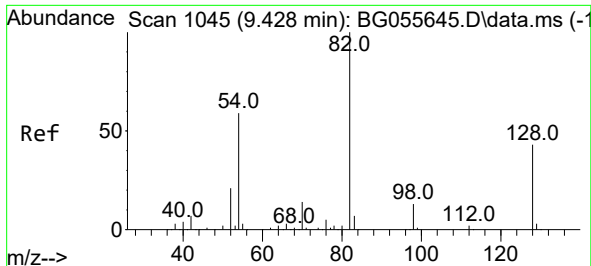
Tgt Ion: 99 Resp: 67139  
Ion Ratio Lower Upper  
99 100  
42 20.3 18.0 27.0  
71 36.1 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.082 min Scan# 1326  
Delta R.T. -0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:136 Resp: 232839  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.6  
54 9.4 7.8 11.6  
68 5.5 5.0 7.4

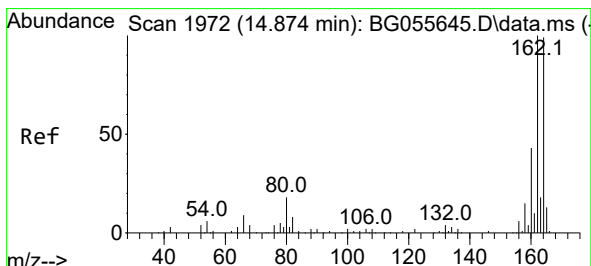
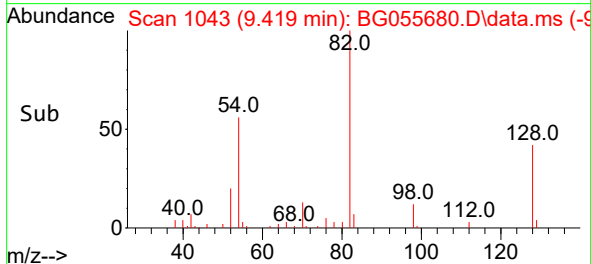
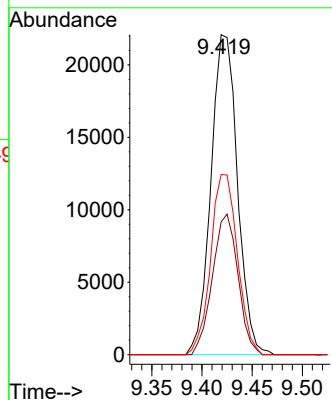
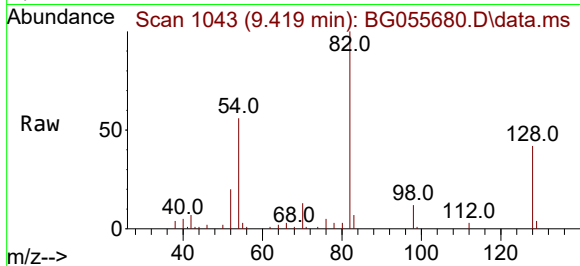




#23  
Nitrobenzene-d5  
Concen: 9.221 ng  
RT: 9.419 min Scan# 1043  
Delta R.T. -0.009 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

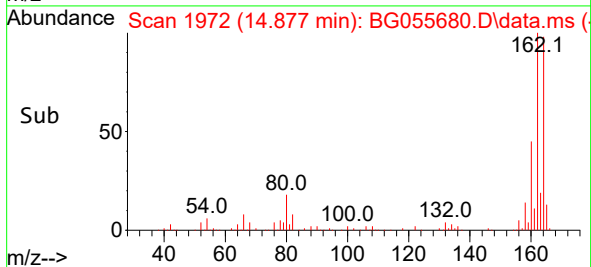
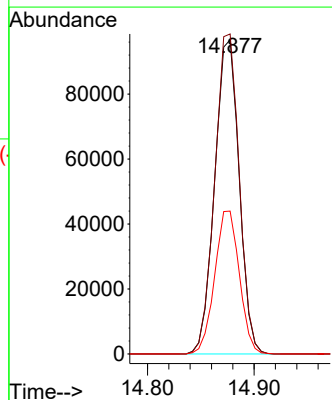
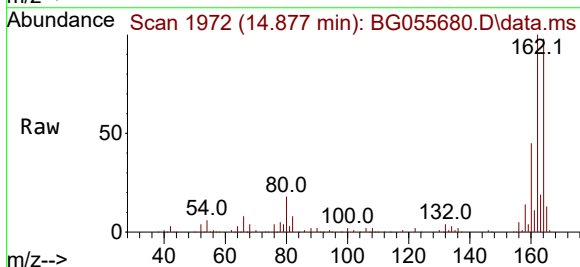
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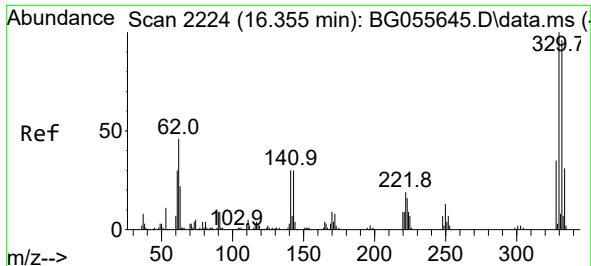
Tgt Ion: 82 Resp: 40623  
Ion Ratio Lower Upper  
82 100  
128 41.5 34.1 51.1  
54 56.3 47.3 70.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.877 min Scan# 1972  
Delta R.T. 0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:164 Resp: 153781  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.1 121.7  
160 45.5 34.8 52.2

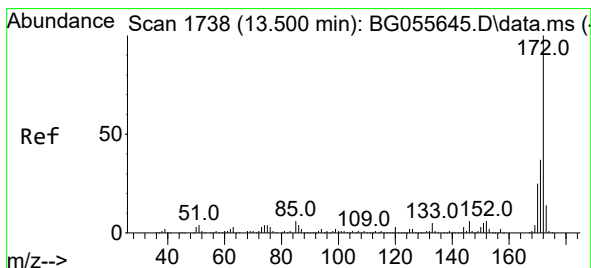
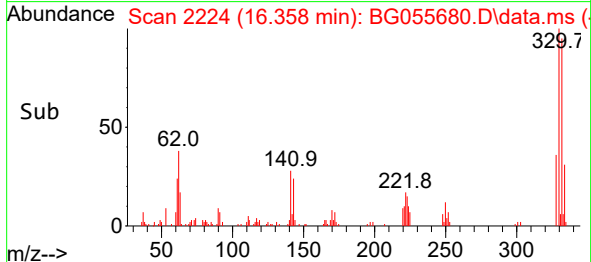
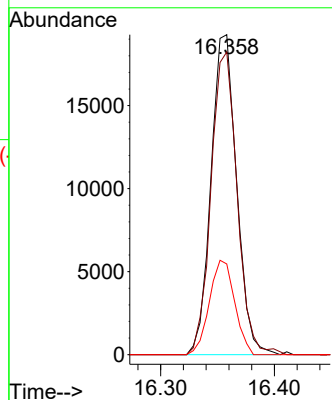
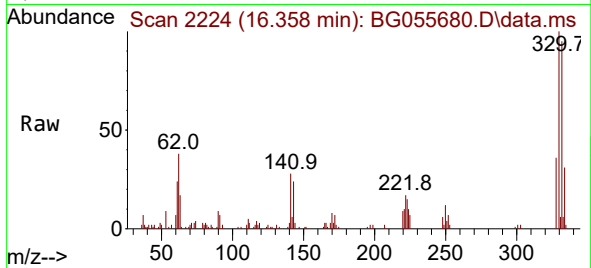




#42  
2,4,6-Tribromophenol  
Concen: 13.936 ng  
RT: 16.358 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

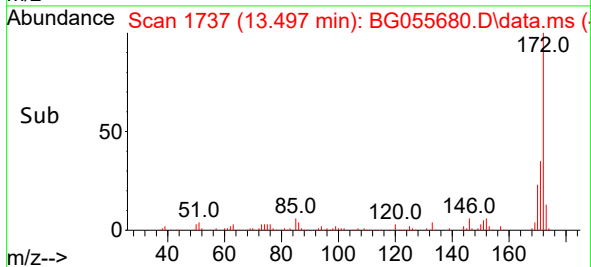
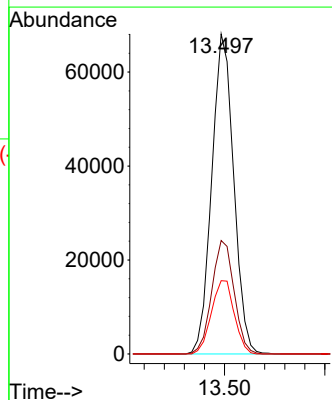
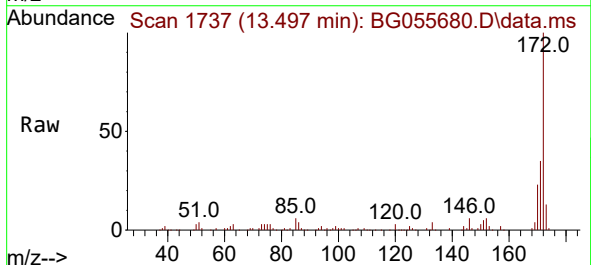
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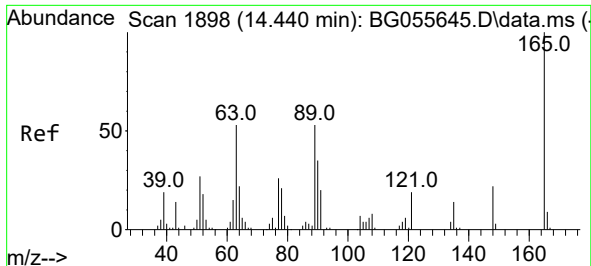
Tgt Ion:330 Resp: 30178  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.8 116.8  
141 29.1 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 10.076 ng  
RT: 13.497 min Scan# 1737  
Delta R.T. -0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:172 Resp: 103434  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.8 44.6  
170 22.9 20.2 30.4

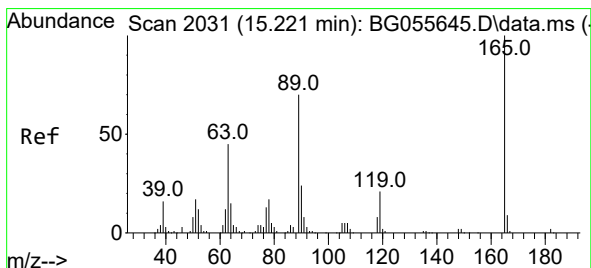
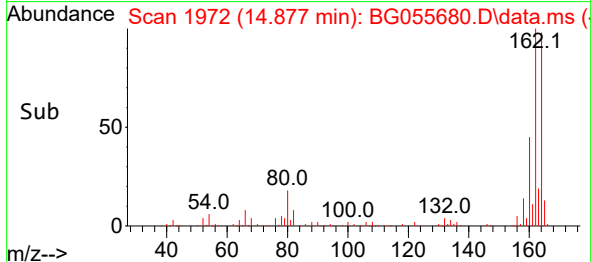
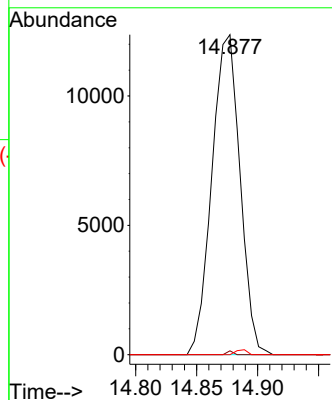
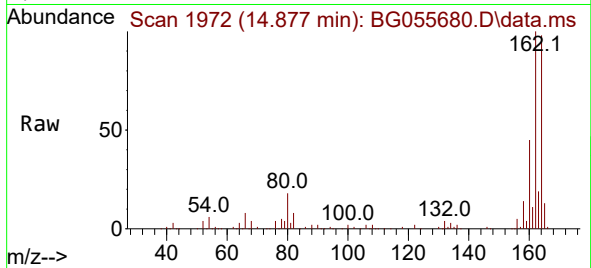




#51  
2,6-Dinitrotoluene  
Concen: 7.924 ng  
RT: 14.877 min Scan# 1972  
Delta R.T. 0.438 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

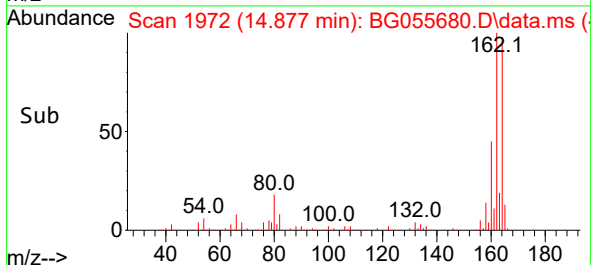
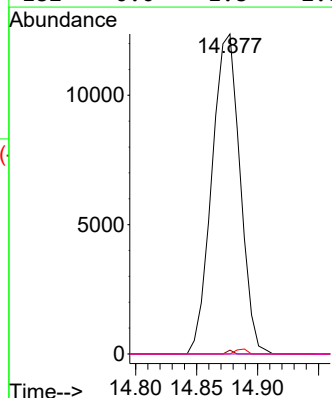
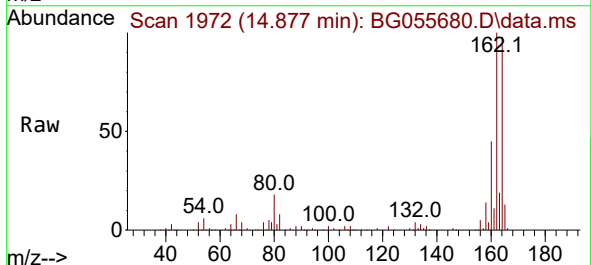
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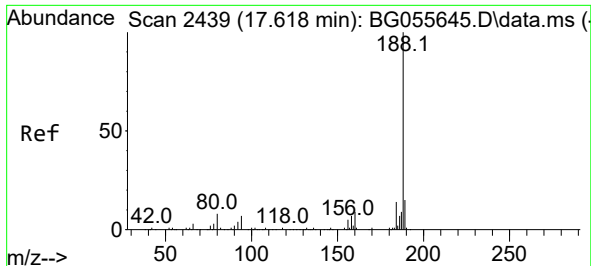
Tgt Ion:165 Resp: 19863  
Ion Ratio Lower Upper  
165 100  
63 1.2 44.6 66.8#  
89 0.0 42.2 63.4#



#57  
2,4-Dinitrotoluene  
Concen: 5.621 ng  
RT: 14.877 min Scan# 1972  
Delta R.T. -0.344 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:165 Resp: 19863  
Ion Ratio Lower Upper  
165 100  
63 1.2 35.8 53.8#  
89 0.0 56.2 84.4#  
182 0.0 1.8 2.8#

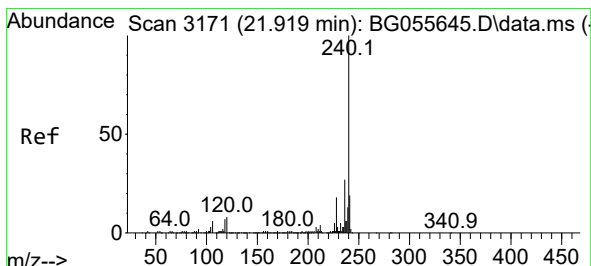
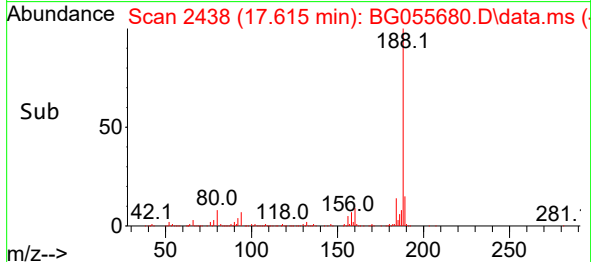
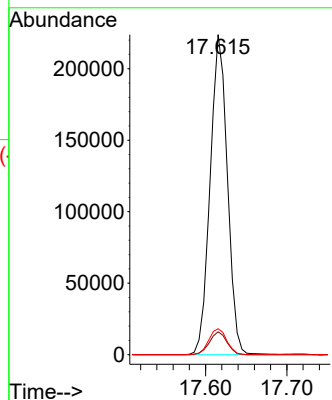
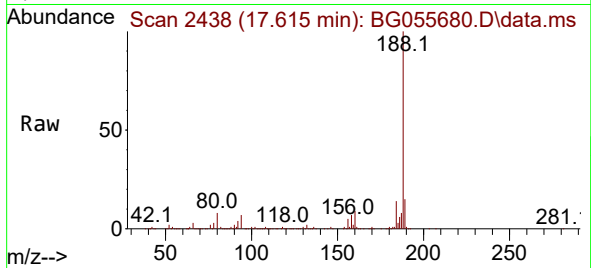




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.615 min Scan# 24  
Delta R.T. -0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

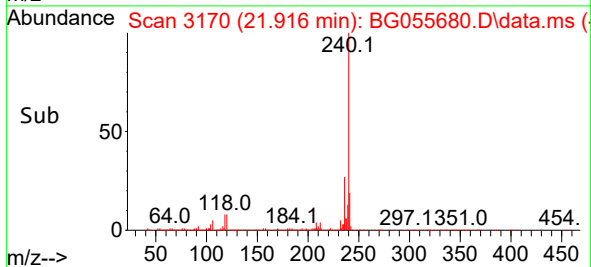
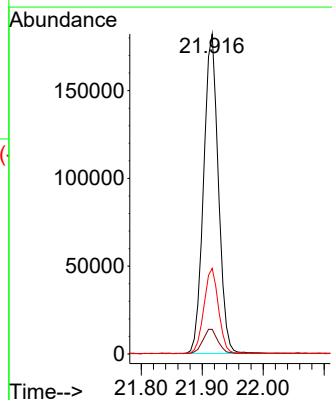
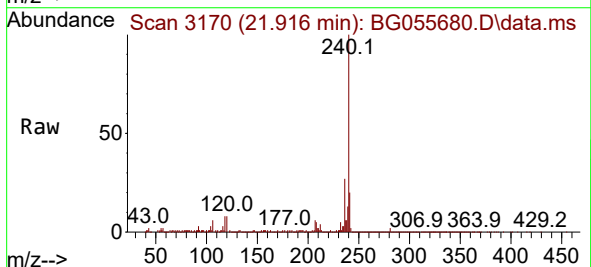
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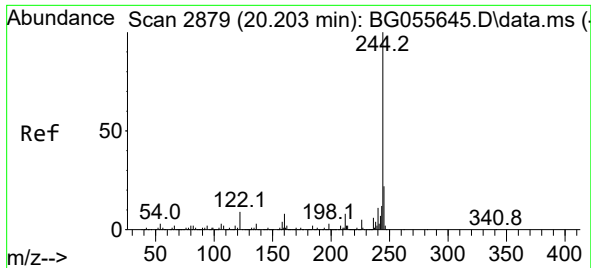
Tgt Ion:188 Resp: 329701  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.4 8.2  
80 8.1 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.916 min Scan# 3170  
Delta R.T. -0.003 min  
Lab File: BG055680.D  
Acq: 18 Nov 2022 00:48

Tgt Ion:240 Resp: 305590  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.3 9.5  
236 26.7 21.9 32.9

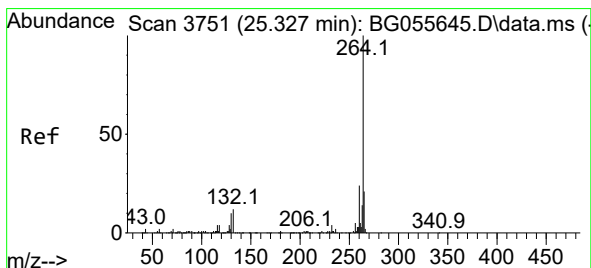
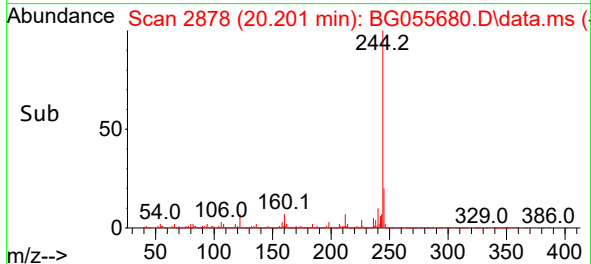
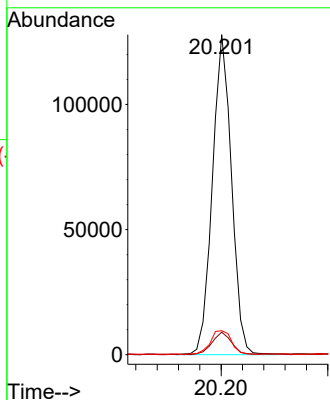
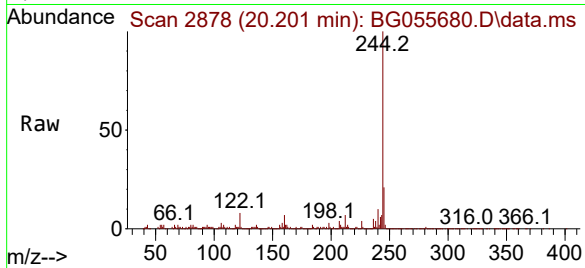




#79  
 Terphenyl-d14  
 Concen: 10.396 ng  
 RT: 20.201 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG055680.D  
 Acq: 18 Nov 2022 00:48

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 158840  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.3 9.5  
 122 7.5 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.336 min Scan# 3752  
 Delta R.T. 0.009 min  
 Lab File: BG055680.D  
 Acq: 18 Nov 2022 00:48

Tgt Ion:264 Resp: 295475  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.5 29.3  
 265 20.7 17.1 25.7

