

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101321\  
 Data File : BG050573.D  
 Acq On : 13 Oct 2021 16:49  
 Operator : CG/JU  
 Sample : M4047-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-1

Quant Time: Oct 13 17:56:27 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 15:51:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.255  | 152  | 42497    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.081 | 136  | 171427   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.877 | 164  | 112033   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.621 | 188  | 264089   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.916 | 240  | 245520   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.335 | 264  | 240527   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.799  | 112  | 310555   | 109.29 | ng    | 0.00     |
| 7) Phenol-d6                | 7.398  | 99   | 391139   | 95.07  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.430  | 82   | 365830   | 88.34  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.358 | 330  | 121317   | 113.53 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.502 | 172  | 639141   | 85.86  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.206 | 244  | 1132972  | 89.93  | ng    | 0.00     |

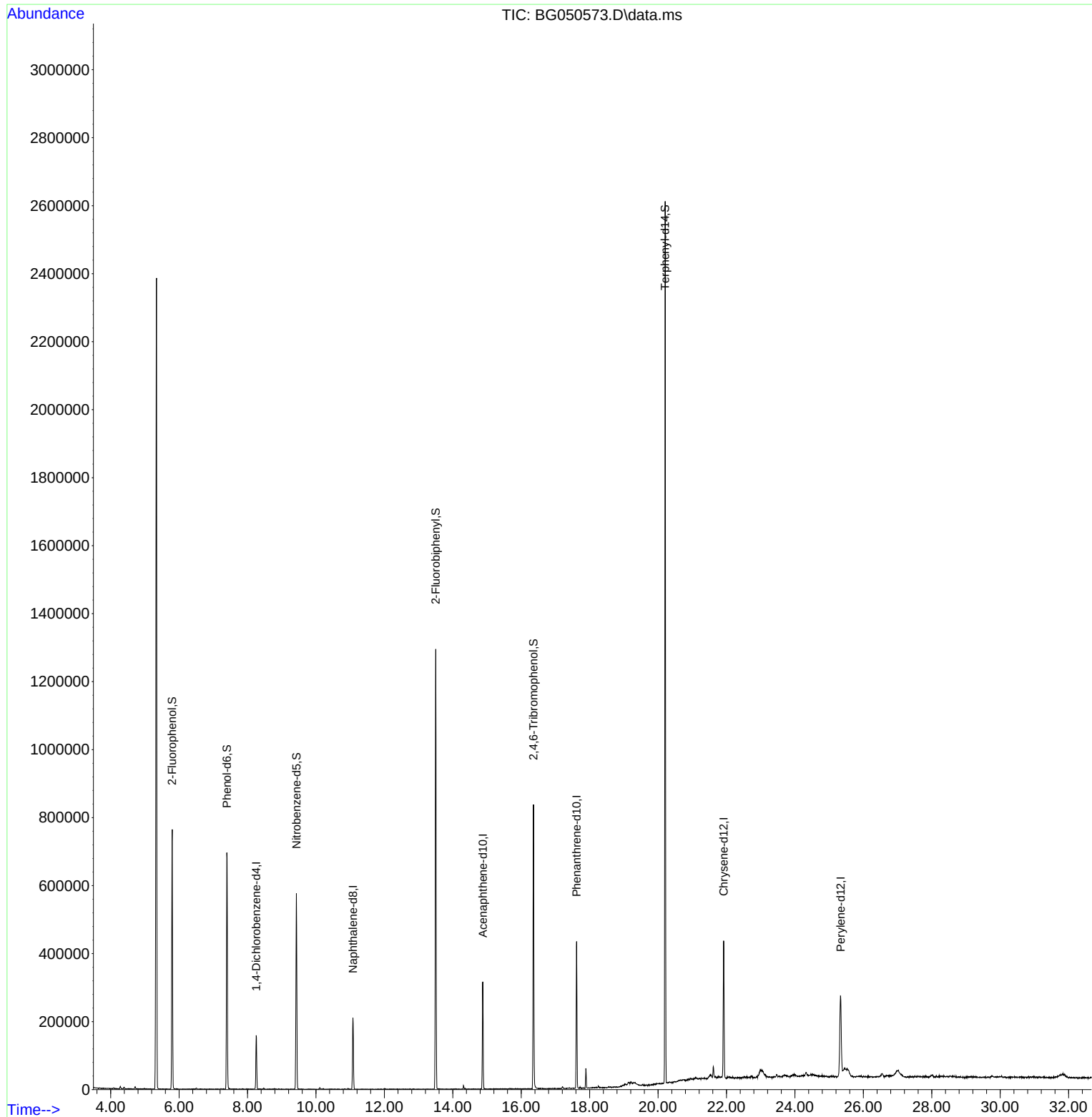
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

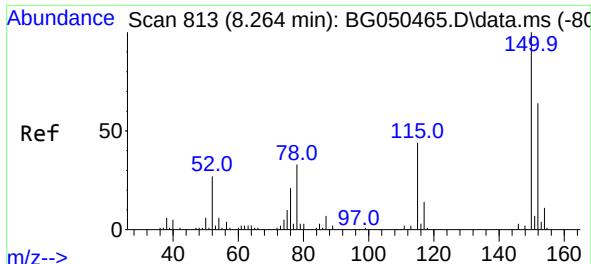
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 06 15:51:01 2021  
Response via : Initial Calibration

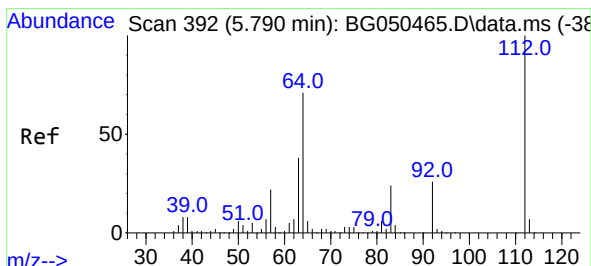
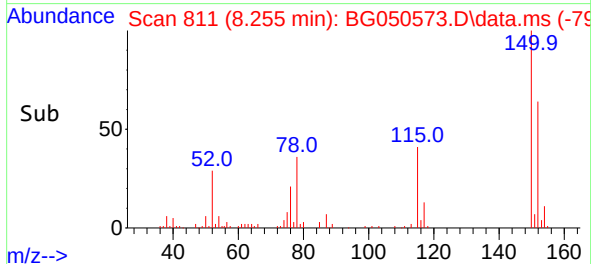
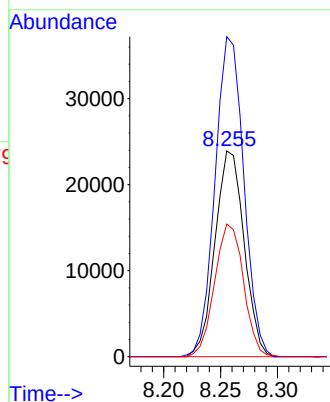
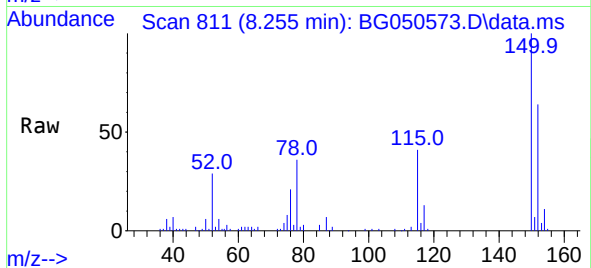




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.255 min Scan# 811  
Delta R.T. -0.009 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

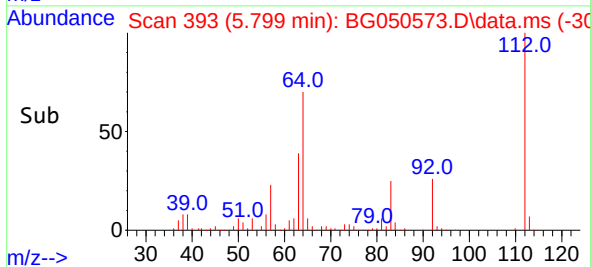
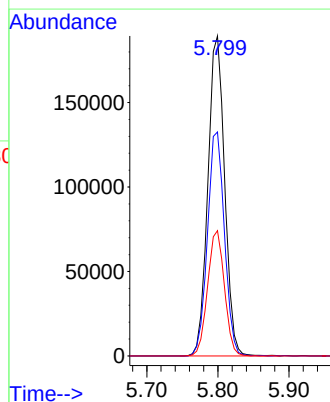
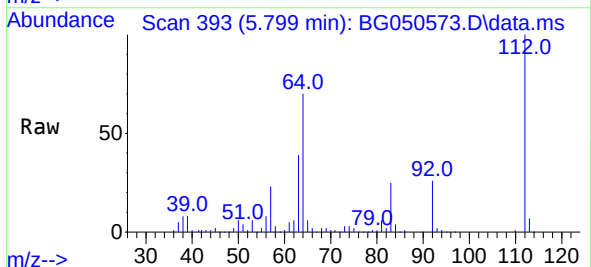
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1

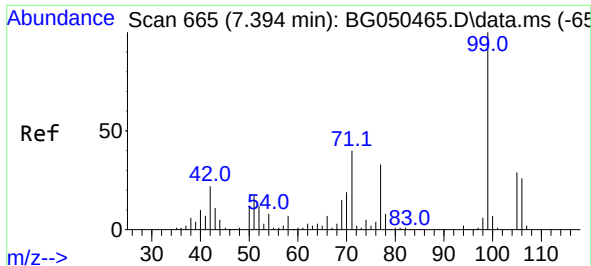
Tgt Ion:152 Resp: 42497  
Ion Ratio Lower Upper  
152 100  
150 155.6 119.4 179.0  
115 64.5 60.2 90.4



#5  
2-Fluorophenol  
Concen: 109.29 ng  
RT: 5.799 min Scan# 393  
Delta R.T. 0.009 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:112 Resp: 310555  
Ion Ratio Lower Upper  
112 100  
64 70.0 46.7 70.1  
63 39.2 35.3 52.9

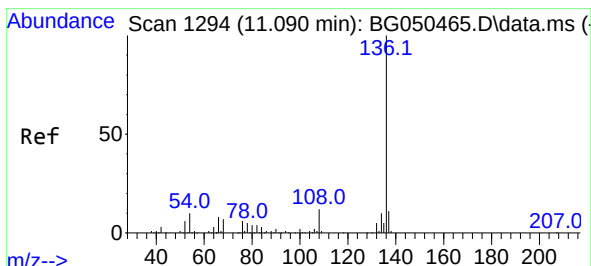
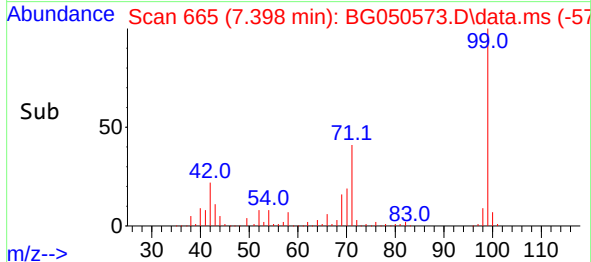
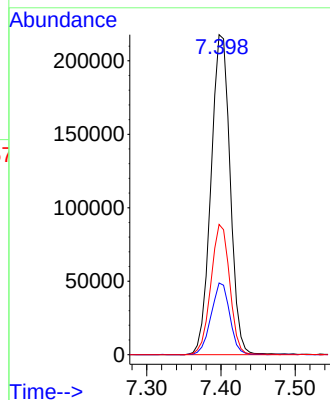
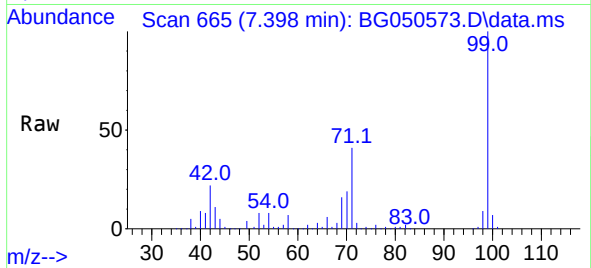




#7  
Phenol-d6  
Concen: 95.07 ng  
RT: 7.398 min Scan# 665  
Delta R.T. 0.004 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

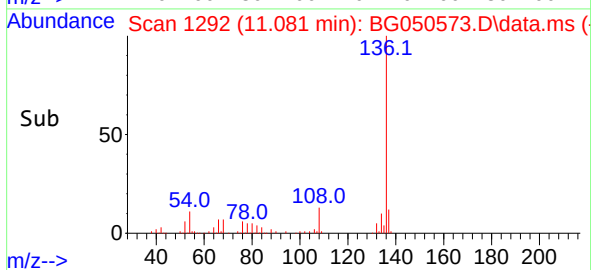
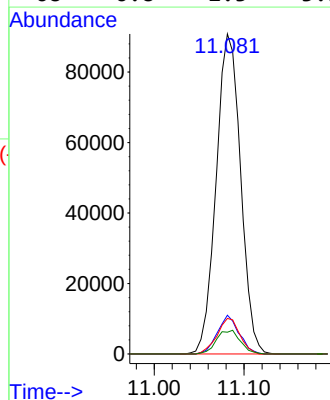
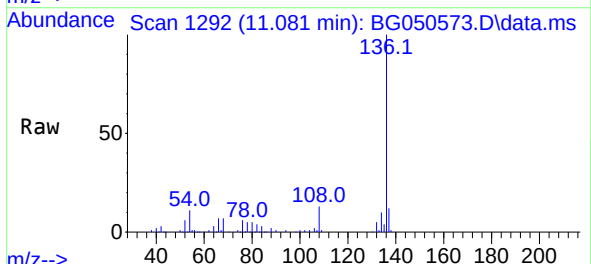
Instrument :  
BNA\_G  
ClientSampleId :  
MW-1

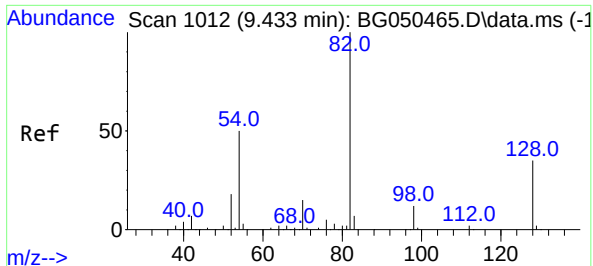
Tgt Ion: 99 Resp: 391139  
Ion Ratio Lower Upper  
99 100  
42 22.4 20.5 30.7  
71 40.7 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.081 min Scan# 1292  
Delta R.T. -0.008 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:136 Resp: 171427  
Ion Ratio Lower Upper  
136 100  
137 12.1 8.2 12.2  
54 11.1 5.5 8.3#  
68 6.8 2.3 3.5#

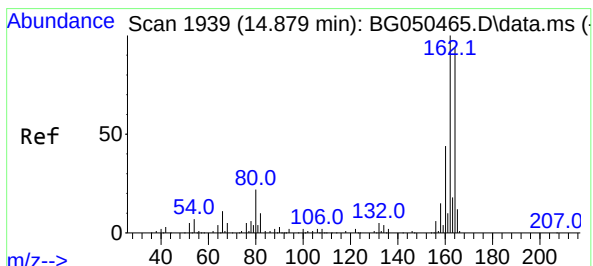
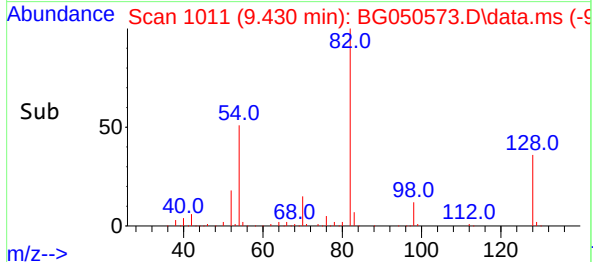
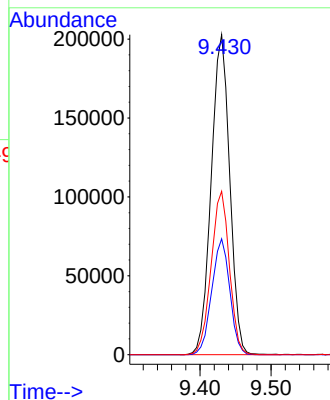
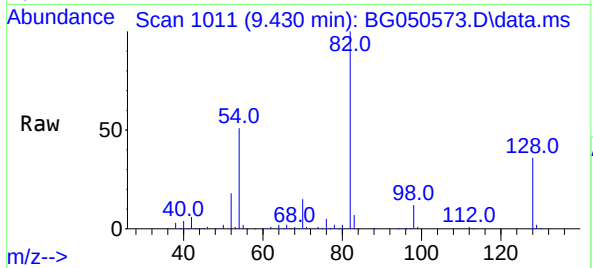




#23  
Nitrobenzene-d5  
Concen: 88.34 ng  
RT: 9.430 min Scan# 1011  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

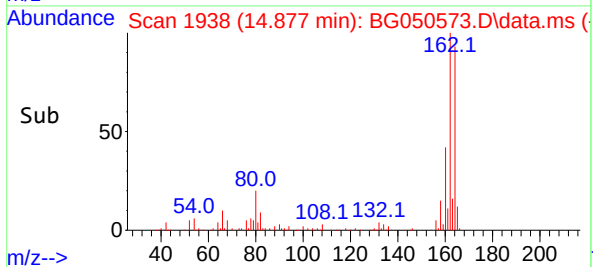
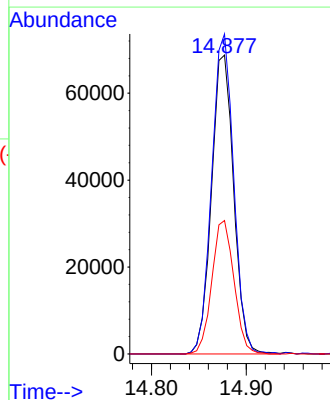
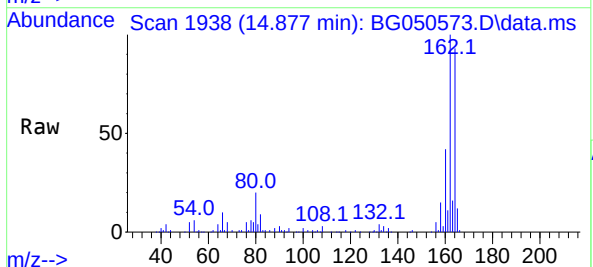
Instrument :  
BNA\_G  
ClientSampleId :  
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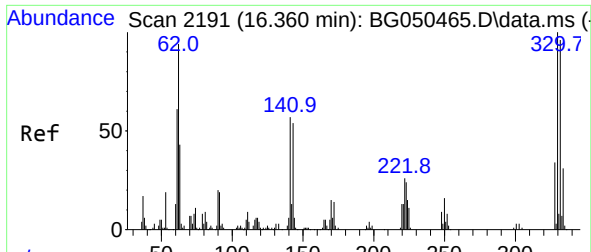
Tgt Ion: 82 Resp: 365830  
Ion Ratio Lower Upper  
82 100  
128 36.2 29.8 44.6  
54 51.1 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.877 min Scan# 1938  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:164 Resp: 112033  
Ion Ratio Lower Upper  
164 100  
162 107.1 81.4 122.0  
160 44.7 34.9 52.3

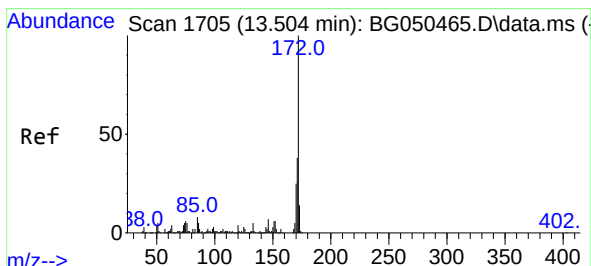
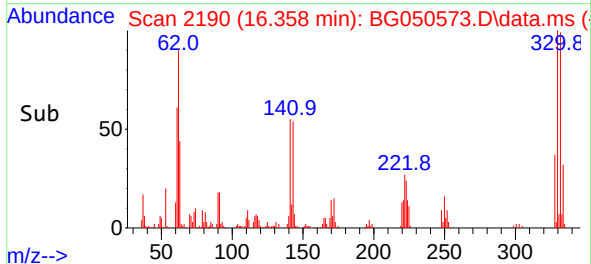
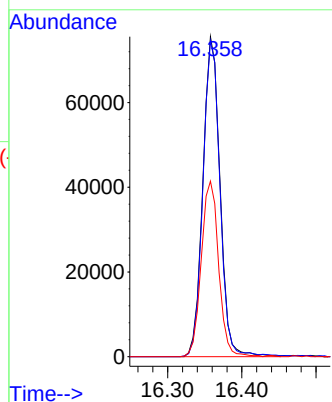
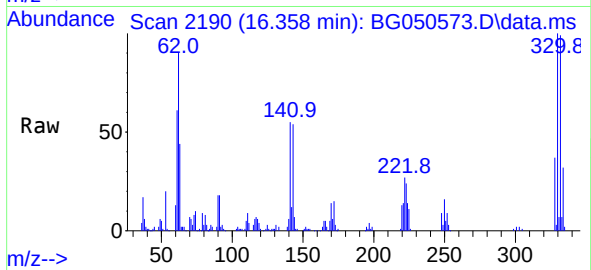




#42  
2,4,6-Tribromophenol  
Concen: 113.53 ng  
RT: 16.358 min Scan# 2190  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

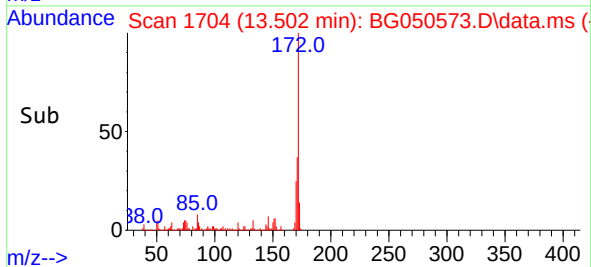
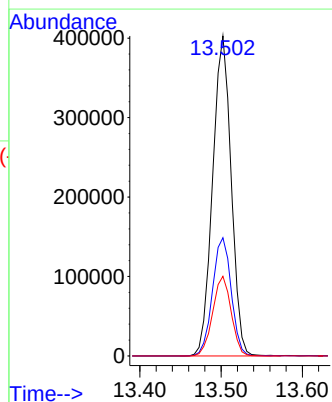
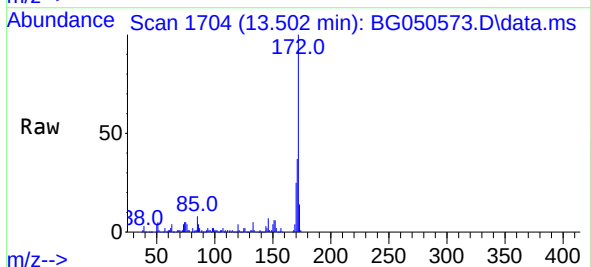
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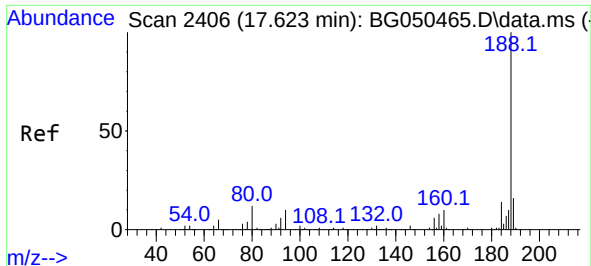
Tgt Ion:330 Resp: 121317  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.3 115.9  
141 55.5 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 85.86 ng  
RT: 13.502 min Scan# 1704  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:172 Resp: 639141  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.6 43.0  
170 24.9 18.6 27.8

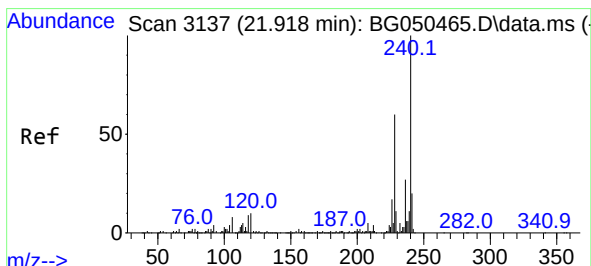
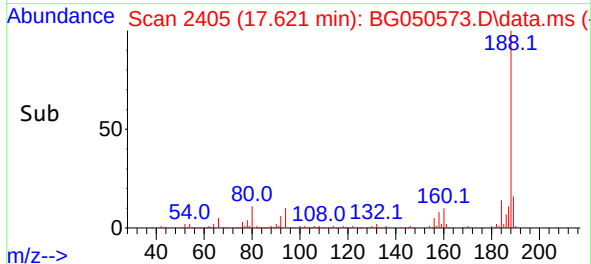
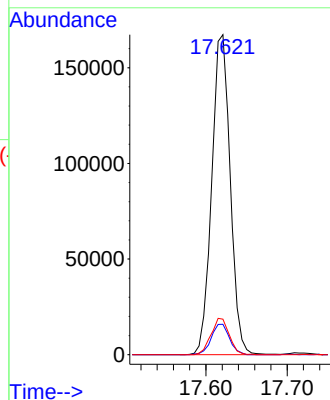
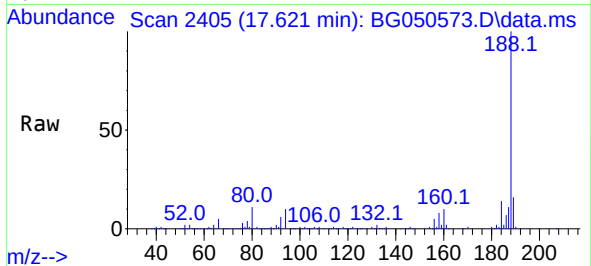




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.621 min Scan# 2405  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

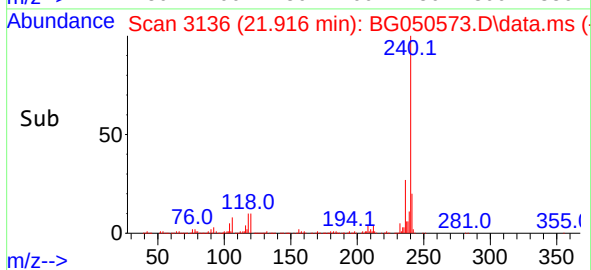
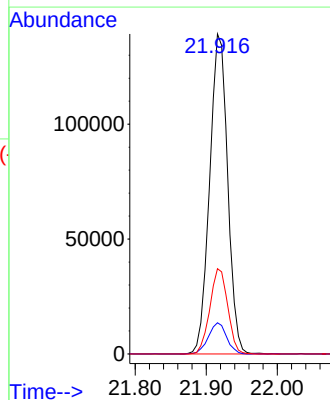
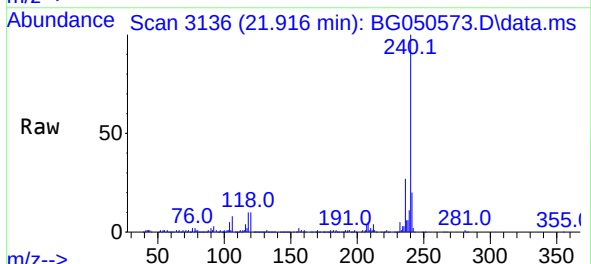
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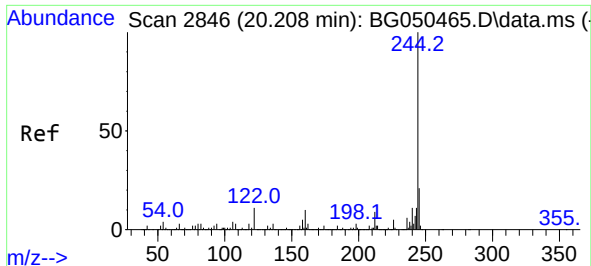
Tgt Ion:188 Resp: 264089  
Ion Ratio Lower Upper  
188 100  
94 9.5 5.4 8.0#  
80 11.1 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.916 min Scan# 3136  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:240 Resp: 245520  
Ion Ratio Lower Upper  
240 100  
120 9.8 4.2 6.2#  
236 26.7 21.8 32.6

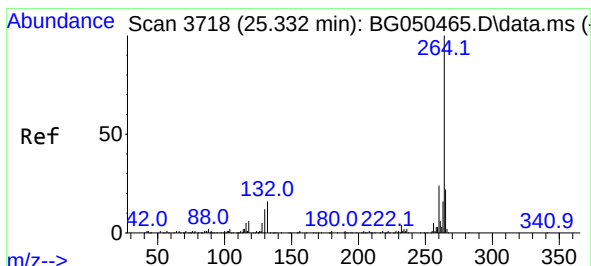
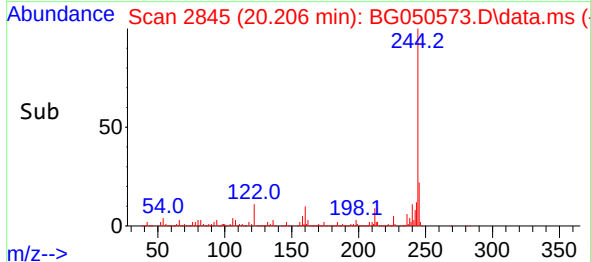
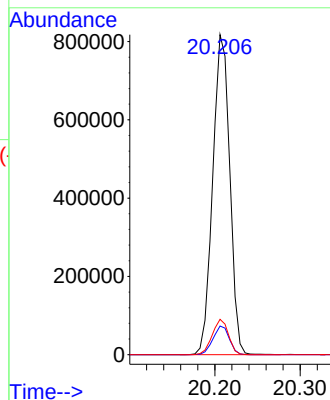
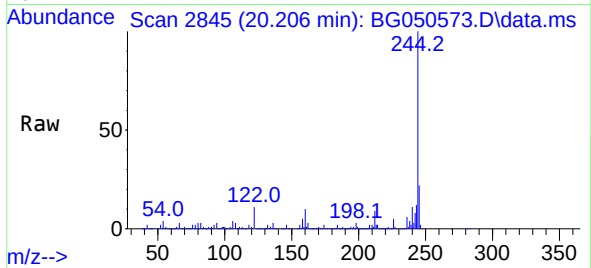




#79  
Terphenyl-d14  
Concen: 89.93 ng  
RT: 20.206 min Scan# 2845  
Delta R.T. -0.002 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Instrument :  
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Tgt Ion:244 Resp: 1132972  
Ion Ratio Lower Upper  
244 100  
212 8.9 6.9 10.3  
122 11.1 5.0 7.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.335 min Scan# 3718  
Delta R.T. 0.004 min  
Lab File: BG050573.D  
Acq: 13 Oct 2021 16:49

Tgt Ion:264 Resp: 240527  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.4 29.2  
265 20.6 16.9 25.3

