

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102121\  
 Data File : BG050675.D  
 Acq On : 21 Oct 2021 20:26  
 Operator : CG/JU  
 Sample : M4300-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TH-CCS

Quant Time: Oct 22 04:03:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.250  | 152  | 34097    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.076 | 136  | 148029   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.866 | 164  | 99608    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.615 | 188  | 232978   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.910 | 240  | 213410   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.324 | 264  | 207965   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.788  | 112  | 338708   | 148.56 | ng    | 0.00     |
| 7) Phenol-d6                | 7.392  | 99   | 463981   | 140.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.419  | 82   | 332812   | 93.07  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.352 | 330  | 142120   | 149.59 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.497 | 172  | 576135   | 87.05  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.200 | 244  | 868955   | 79.35  | ng    | 0.00     |

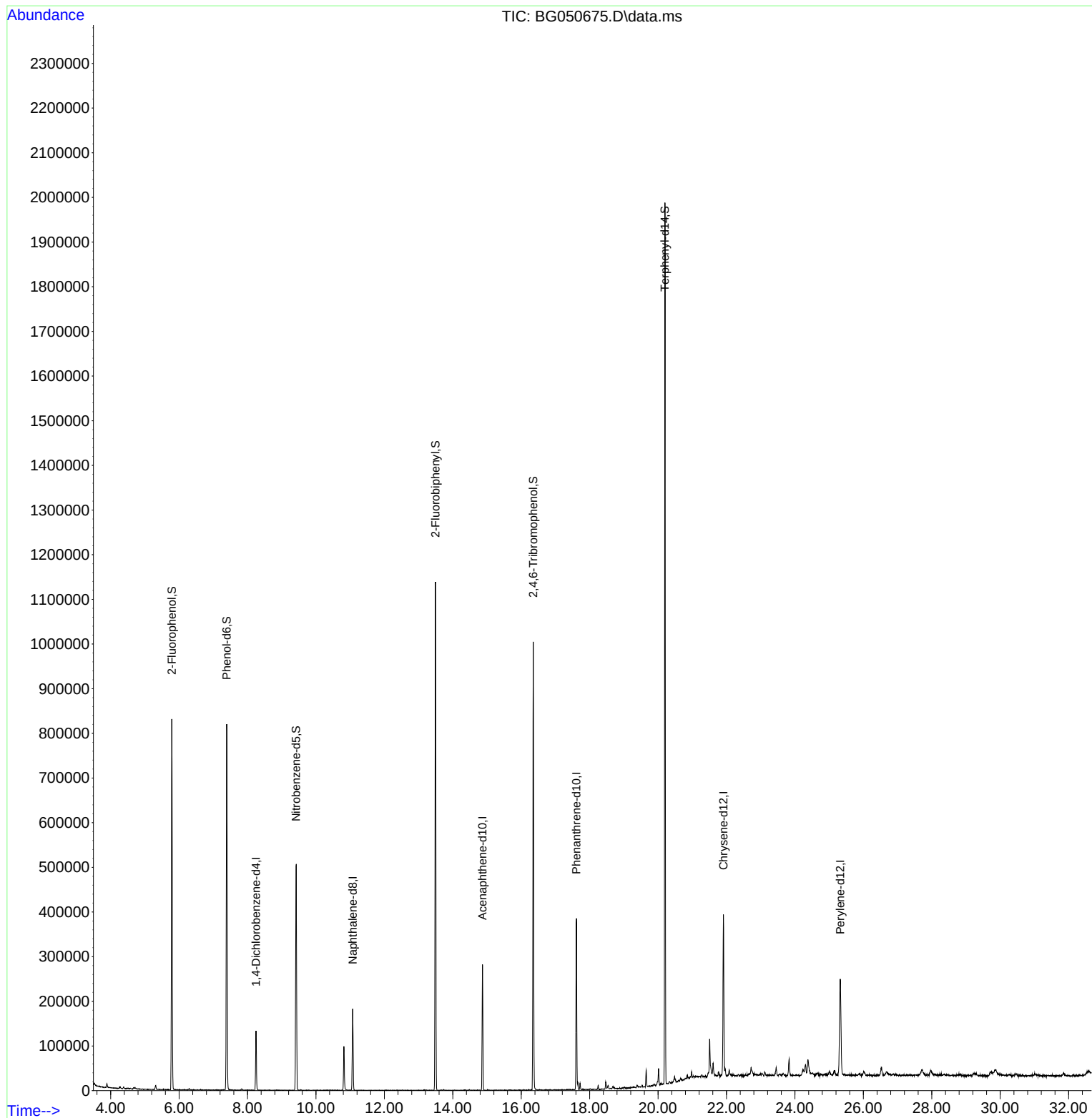
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

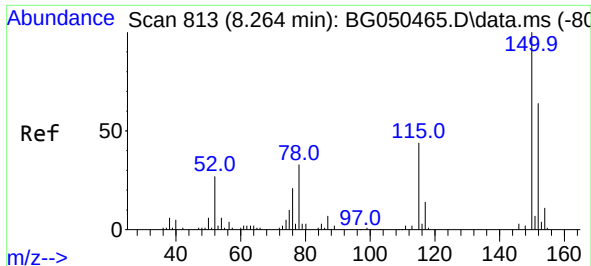
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 14 10:56:22 2021  
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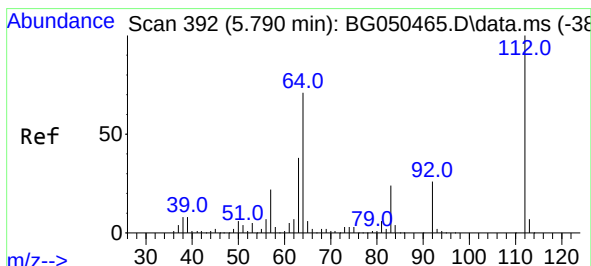
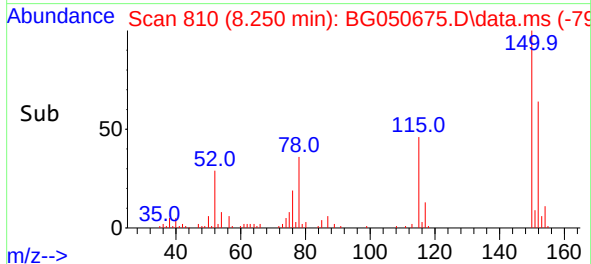
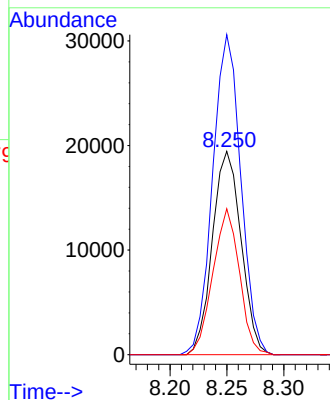
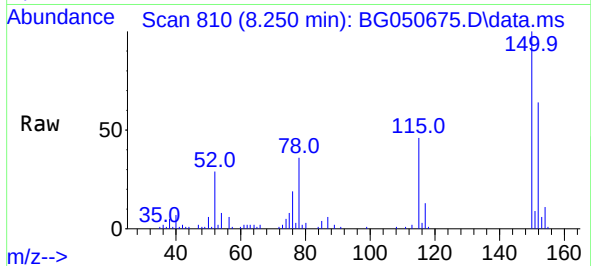




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.250 min Scan# 810  
Delta R.T. -0.008 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

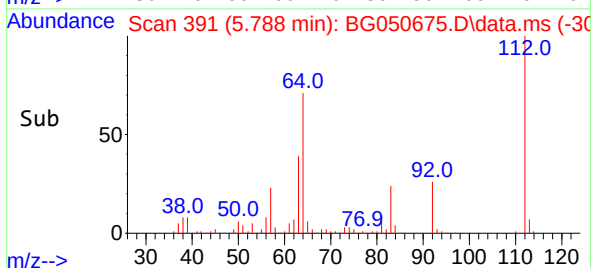
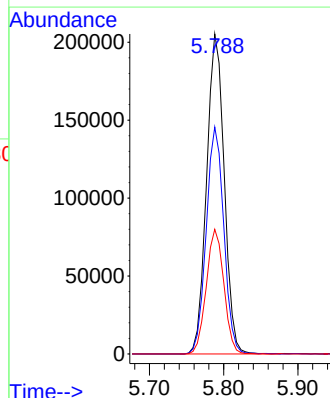
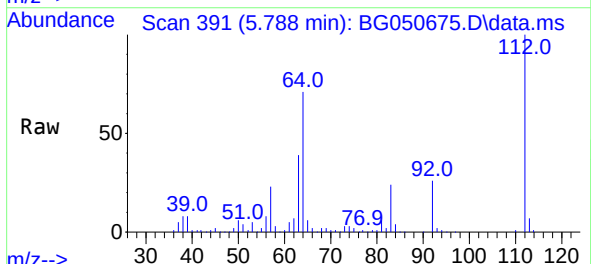
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CCS

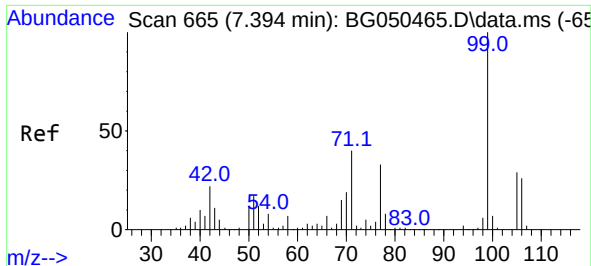
Tgt Ion:152 Resp: 34097  
Ion Ratio Lower Upper  
152 100  
150 157.4 119.4 179.0  
115 71.8 60.2 90.4



#5  
2-Fluorophenol  
Concen: 148.56 ng  
RT: 5.788 min Scan# 391  
Delta R.T. -0.003 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

Tgt Ion:112 Resp: 338708  
Ion Ratio Lower Upper  
112 100  
64 70.9 46.7 70.1#  
63 38.9 35.3 52.9

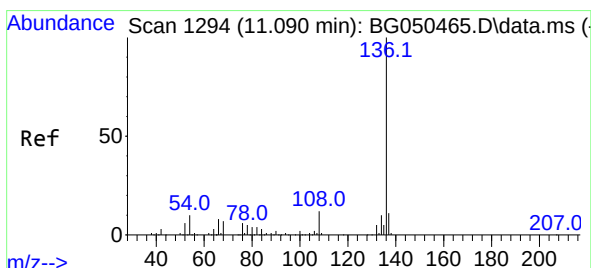
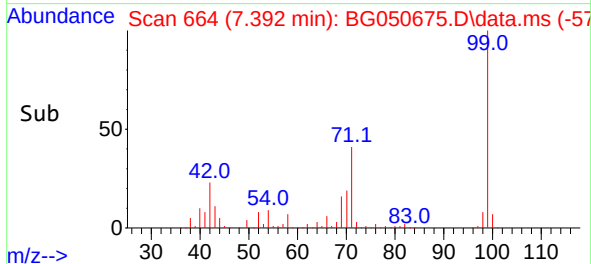
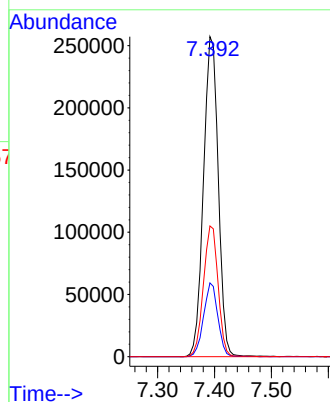
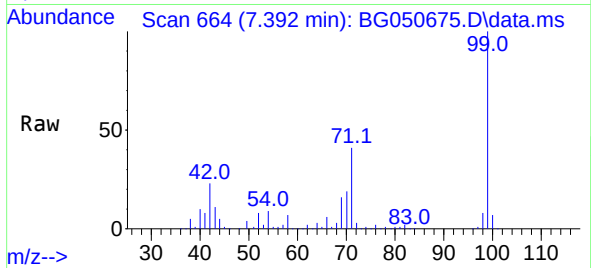




#7  
Phenol-d6  
Concen: 140.56 ng  
RT: 7.392 min Scan# 664  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

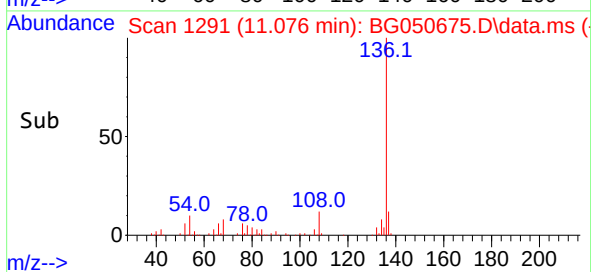
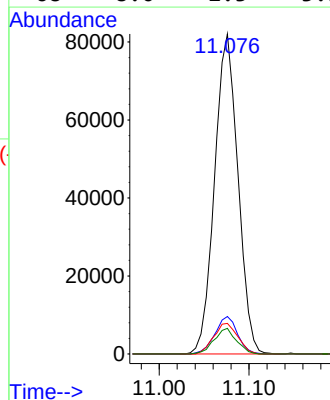
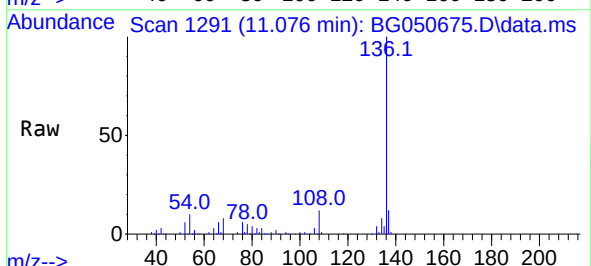
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CCS

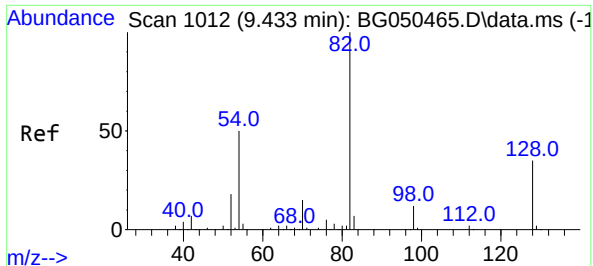
Tgt Ion: 99 Resp: 463981  
Ion Ratio Lower Upper  
99 100  
42 23.0 20.5 30.7  
71 40.9 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.076 min Scan# 1291  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

Tgt Ion: 136 Resp: 148029  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.2 12.2  
54 9.5 5.5 8.3#  
68 8.0 2.3 3.5#

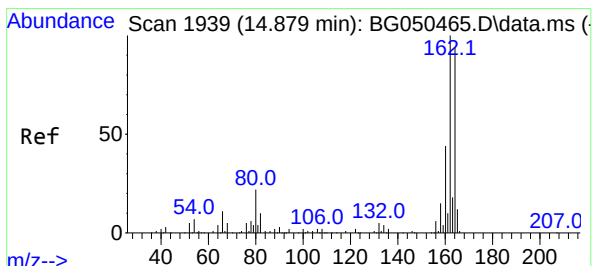
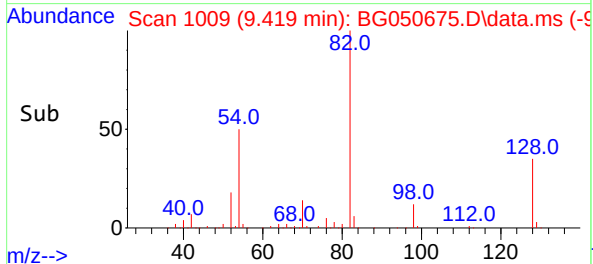
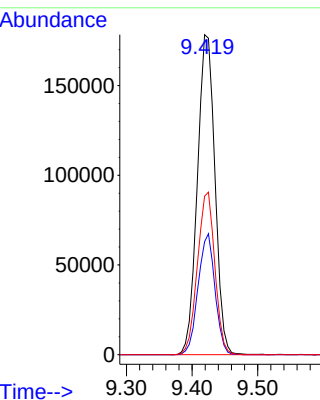
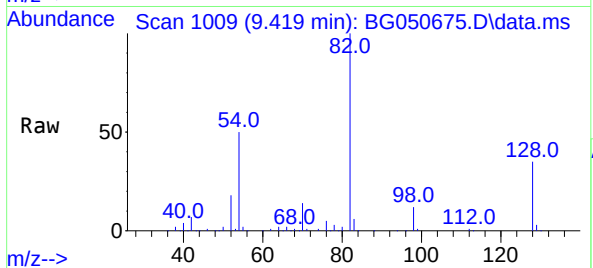




#23  
Nitrobenzene-d5  
Concen: 93.07 ng  
RT: 9.419 min Scan# 1009  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

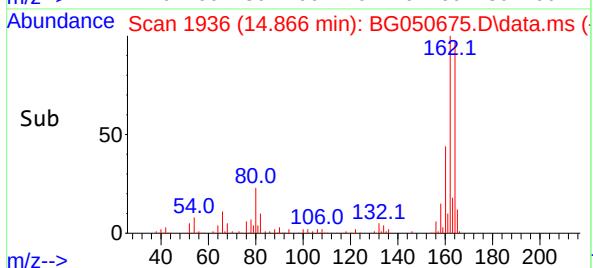
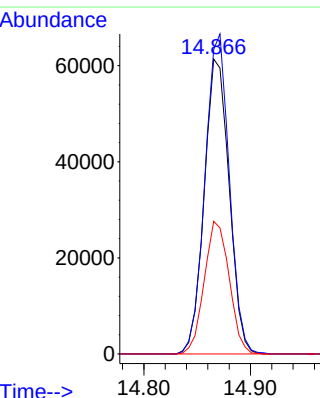
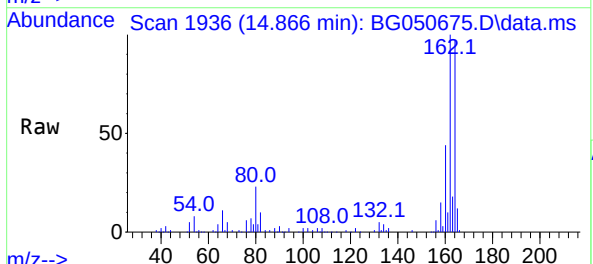
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CCS

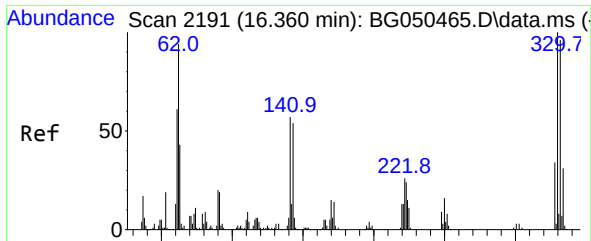
Tgt Ion: 82 Resp: 332812  
Ion Ratio Lower Upper  
82 100  
128 35.3 29.8 44.6  
54 49.6 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.866 min Scan# 1936  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

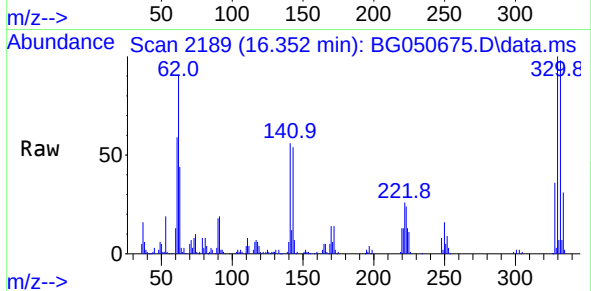
Tgt Ion: 164 Resp: 99608  
Ion Ratio Lower Upper  
164 100  
162 103.3 81.4 122.0  
160 45.0 34.9 52.3



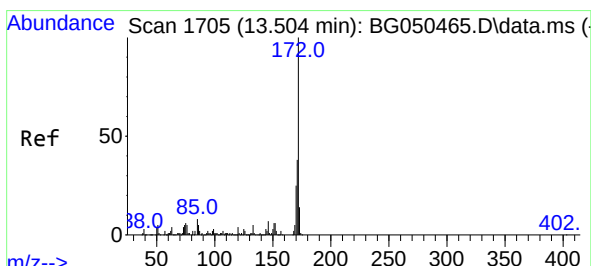
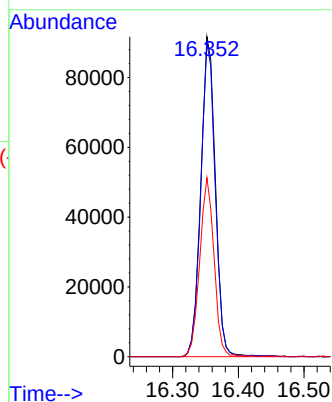
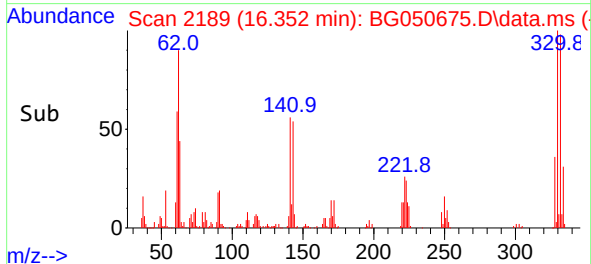


#42  
2,4,6-Tribromophenol  
Concen: 149.59 ng  
RT: 16.352 min Scan# 2189  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

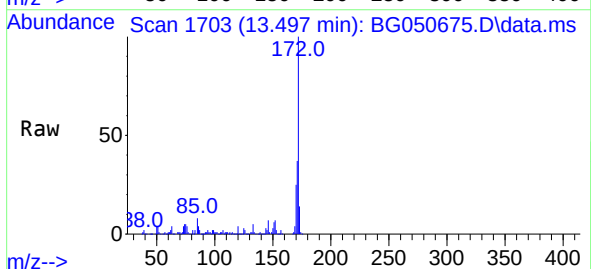
Instrument :  
BNA\_G  
ClientSampleId :  
TH-CCS



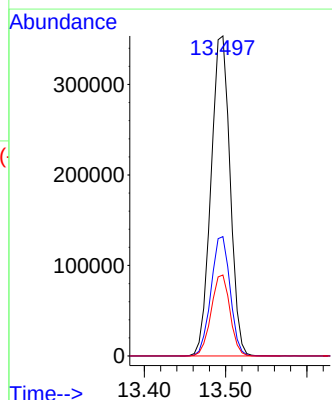
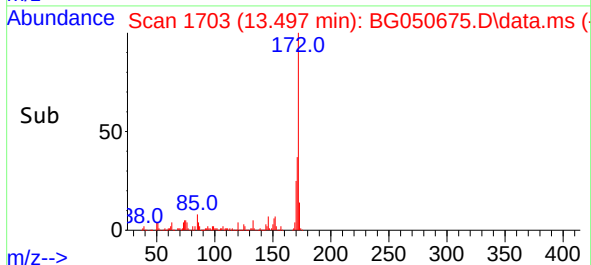
Tgt Ion:330 Resp: 142120  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.3 115.9  
141 55.0 35.6 53.4#

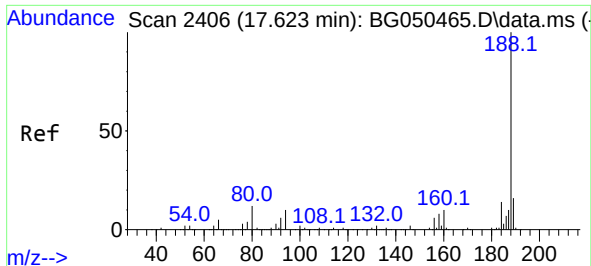


#45  
2-Fluorobiphenyl  
Concen: 87.05 ng  
RT: 13.497 min Scan# 1703  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26



Tgt Ion:172 Resp: 576135  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.6 43.0  
170 25.3 18.6 27.8

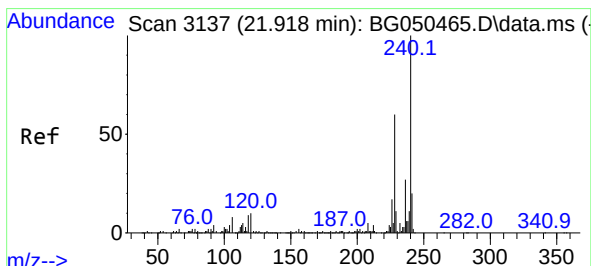
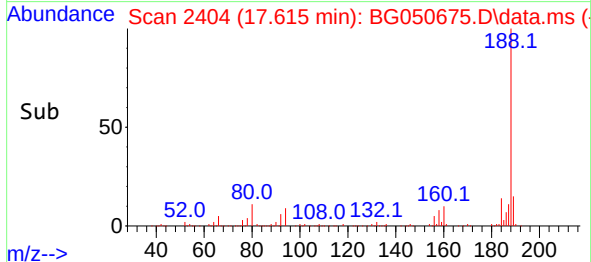
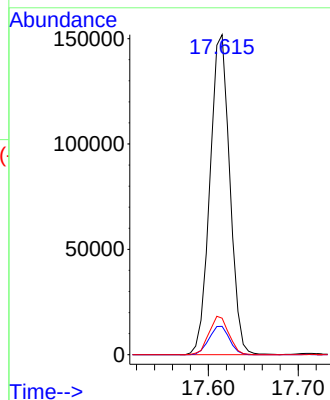
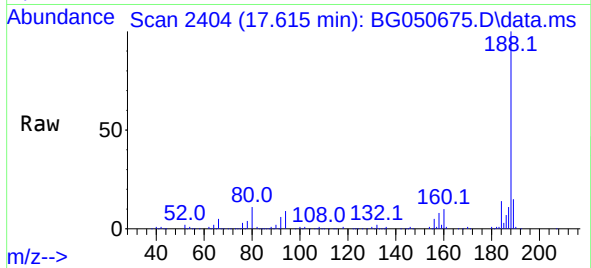




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.615 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

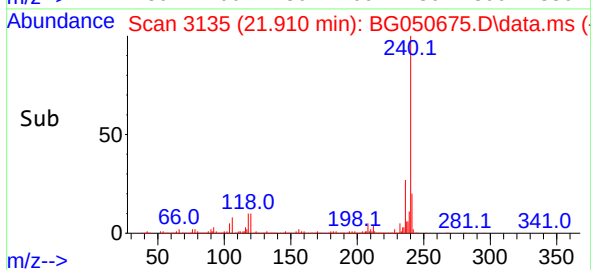
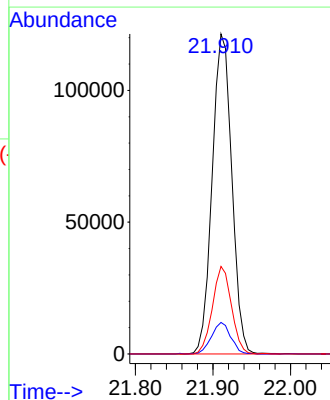
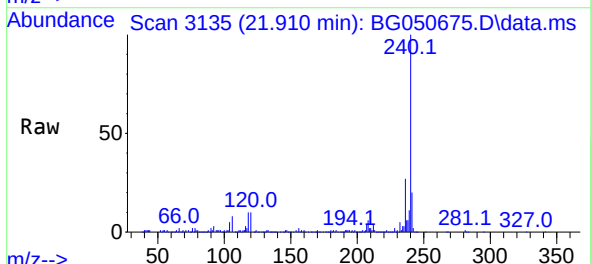
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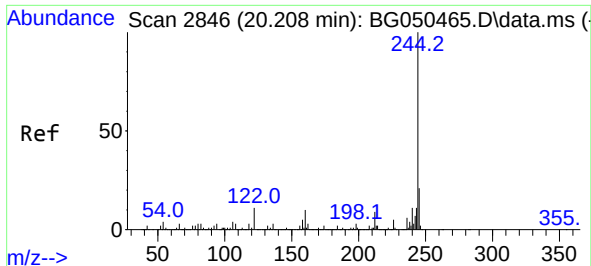
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Ion Ratio Lower Upper  
188 100  
94 8.8 5.4 8.0#  
80 11.4 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.910 min Scan# 3135  
Delta R.T. -0.014 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

Tgt Ion:240 Resp: 213410  
Ion Ratio Lower Upper  
240 100  
120 9.9 4.2 6.2#  
236 27.3 21.8 32.6

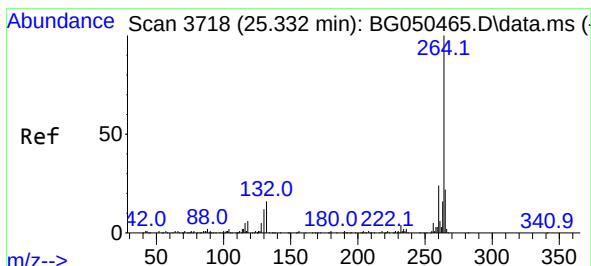
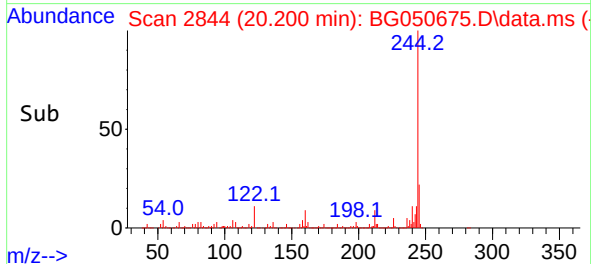
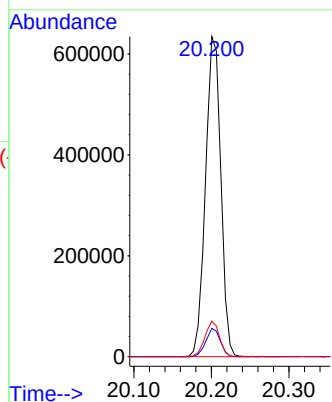
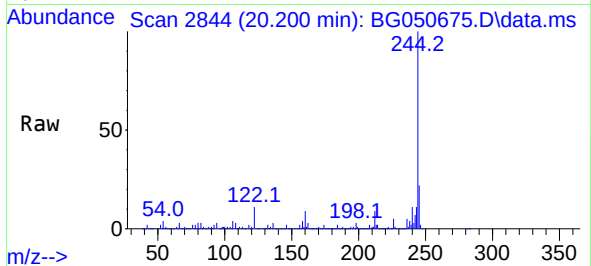




#79  
Terphenyl-d14  
Concen: 79.35 ng  
RT: 20.200 min Scan# 2844  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:244 Resp: 868955  
Ion Ratio Lower Upper  
244 100  
212 8.8 6.9 10.3  
122 11.1 5.0 7.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.324 min Scan# 3716  
Delta R.T. -0.009 min  
Lab File: BG050675.D  
Acq: 21 Oct 2021 20:26

Tgt Ion:264 Resp: 207965  
Ion Ratio Lower Upper  
264 100  
260 25.0 19.4 29.2  
265 22.1 16.9 25.3

