

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061521\  
 Data File : BG048979.D  
 Acq On : 15 Jun 2021 15:57  
 Operator : CG/JU  
 Sample : M2672-19  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :

Quant Time: Jun 15 17:03:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 16:03:10 2021  
 Response via : Initial Calibration

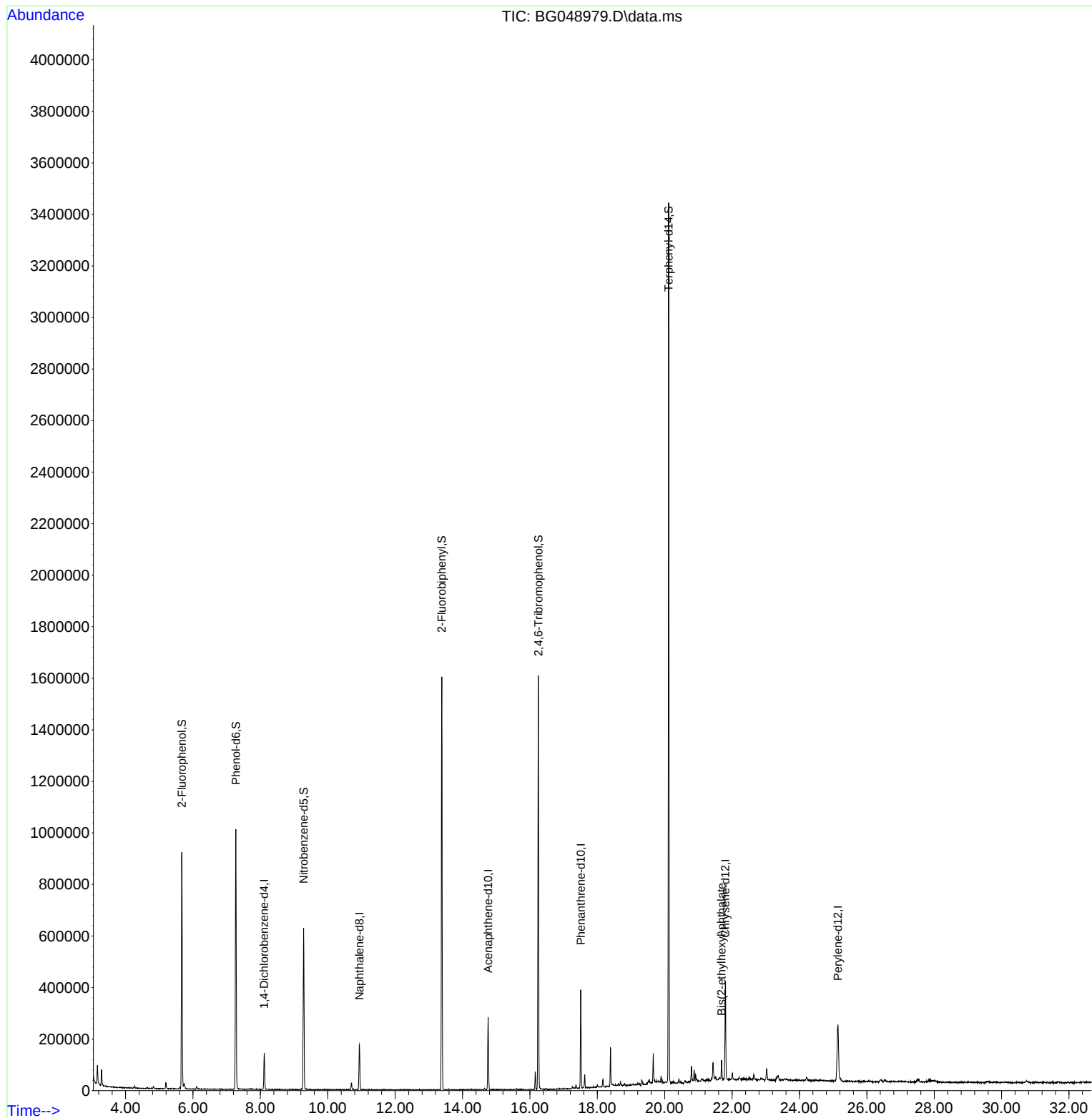
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.115  | 152  | 35428    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.941 | 136  | 142023   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.760 | 164  | 99240    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.509 | 188  | 234450   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.799 | 240  | 243171   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.142 | 264  | 258884   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.670  | 112  | 365238   | 160.483 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.274  | 99   | 531541   | 155.827 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 9.284  | 82   | 365409   | 110.943 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.252 | 330  | 297299   | 202.203 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.385 | 172  | 813932   | 115.862 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.118 | 244  | 1500382  | 112.999 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 84) Bis(2-ethylhexyl)phtha... | 21.687 | 149  | 28515    | 3.004   | ng    | # 89     |
| -----                         |        |      |          |         |       |          |

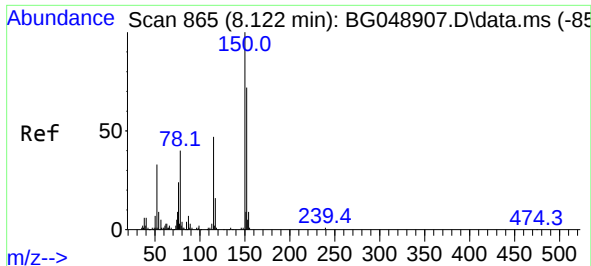
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2672-19  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :

Quant Time: Jun 15 17:03:08 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 11 16:03:10 2021  
Response via : Initial Calibration

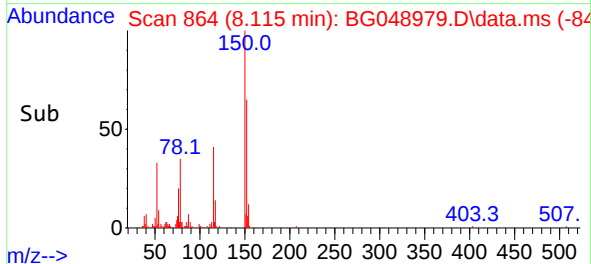
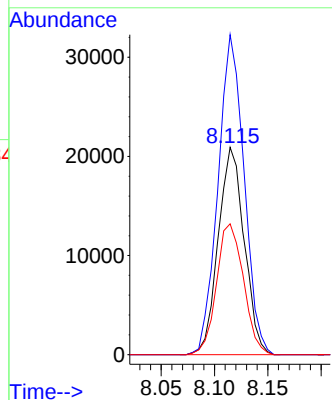
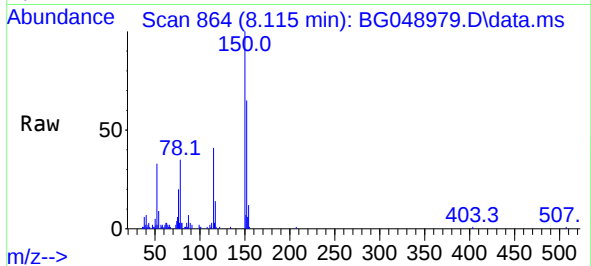




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.115 min Scan# 864  
Delta R.T. -0.007 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

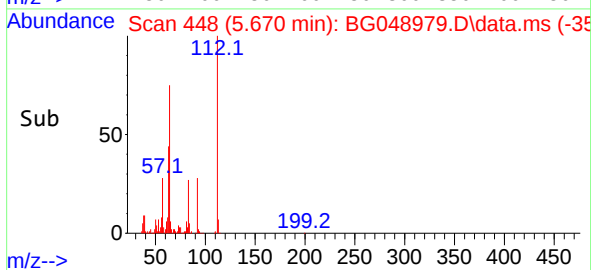
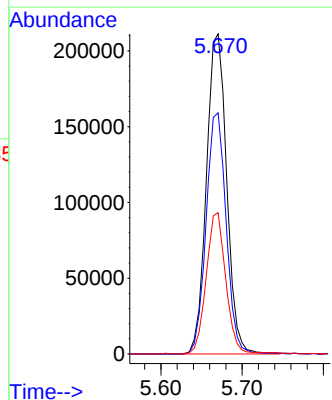
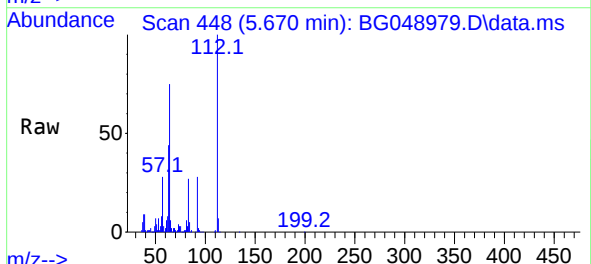
Instrument :  
ECD\_S  
ClientSampleId :

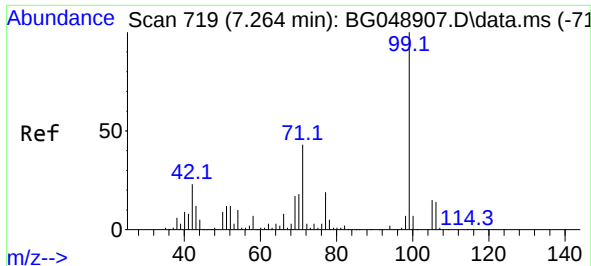
Tgt Ion:152 Resp: 35428  
Ion Ratio Lower Upper  
152 100  
150 154.4 119.4 179.0  
115 63.1 60.2 90.4



#5  
2-Fluorophenol  
Concen: 160.483 ng  
RT: 5.670 min Scan# 448  
Delta R.T. 0.004 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

Tgt Ion:112 Resp: 365238  
Ion Ratio Lower Upper  
112 100  
64 75.4 46.7 70.1#  
63 44.2 35.3 52.9

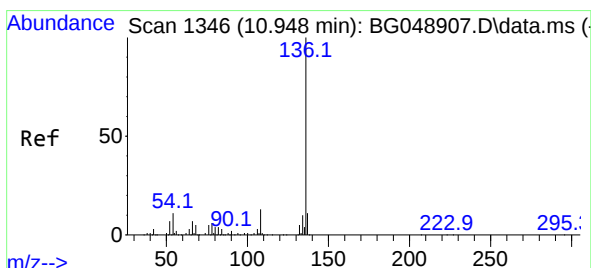
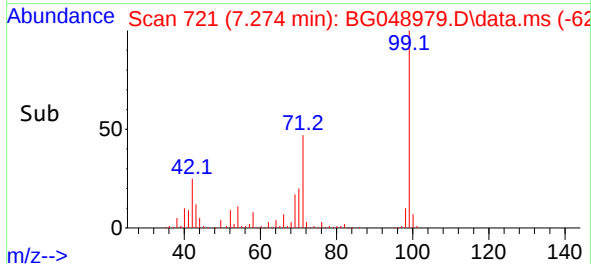
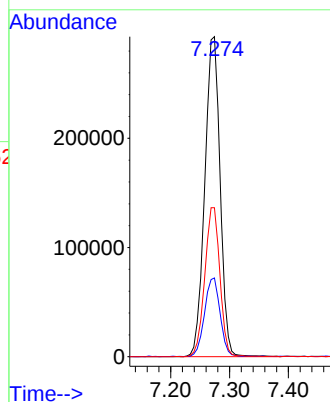
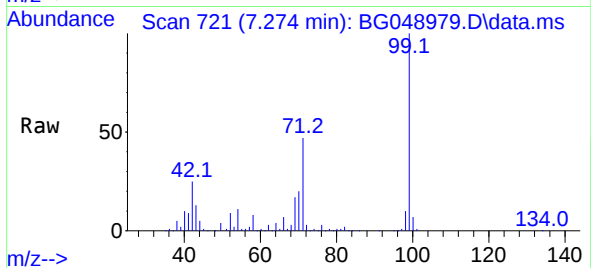




#7  
Phenol-d6  
Concen: 155.827 ng  
RT: 7.274 min Scan# 721  
Delta R.T. 0.010 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

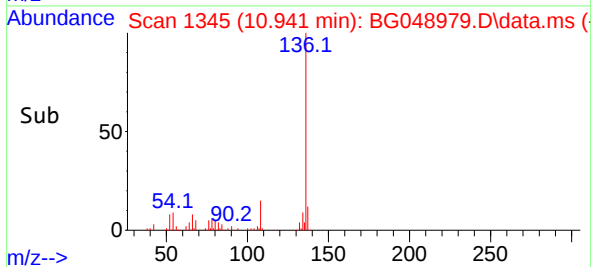
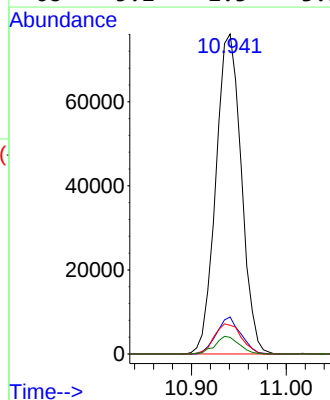
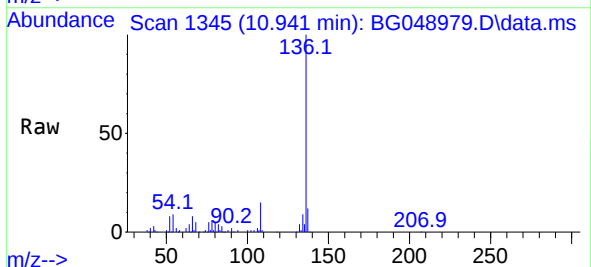
Instrument :  
ECD\_S  
ClientSampleId :

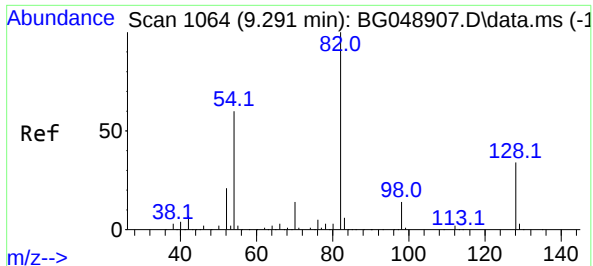
Tgt Ion: 99 Resp: 531541  
Ion Ratio Lower Upper  
99 100  
42 24.6 20.5 30.7  
71 46.5 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.941 min Scan# 1345  
Delta R.T. -0.007 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

Tgt Ion:136 Resp: 142023  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.2 12.2  
54 9.0 5.5 8.3#  
68 5.2 2.3 3.5#

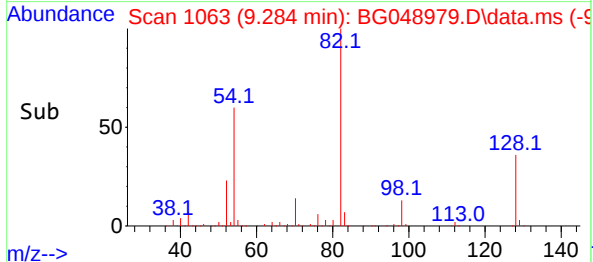
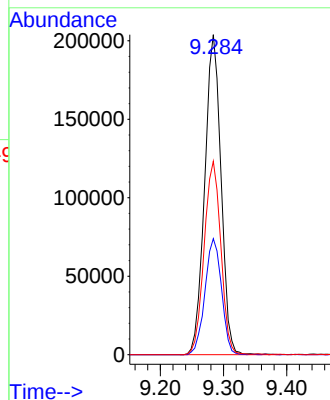
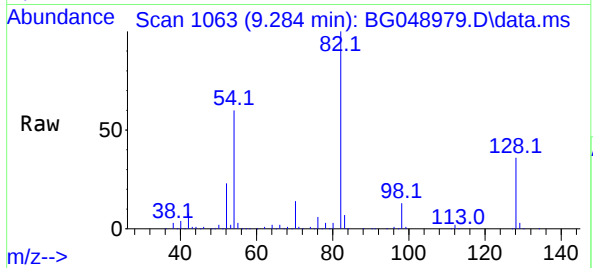




#23  
Nitrobenzene-d5  
Concen: 110.943 ng  
RT: 9.284 min Scan# 1063  
Delta R.T. -0.007 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

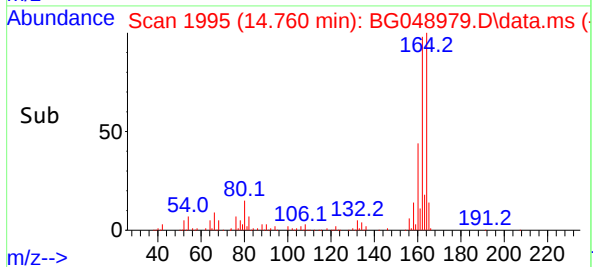
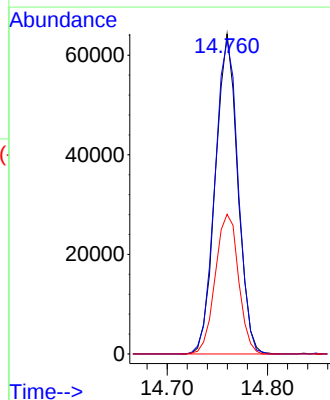
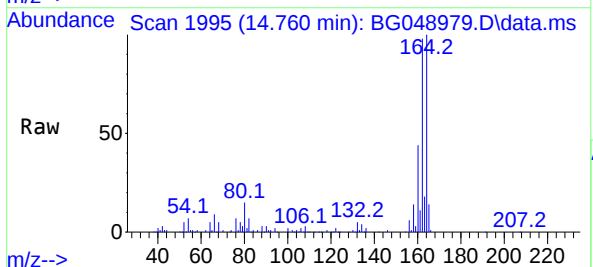
Instrument :  
ECD\_S  
ClientSampleId :

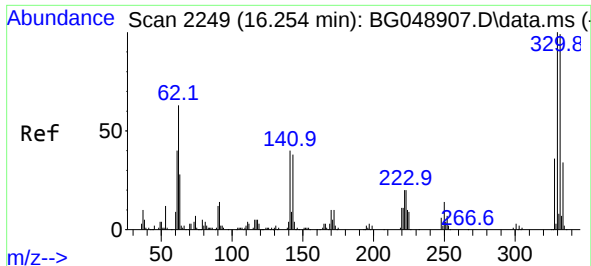
Tgt Ion: 82 Resp: 365409  
Ion Ratio Lower Upper  
82 100  
128 36.2 29.8 44.6  
54 60.4 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.760 min Scan# 1995  
Delta R.T. -0.007 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

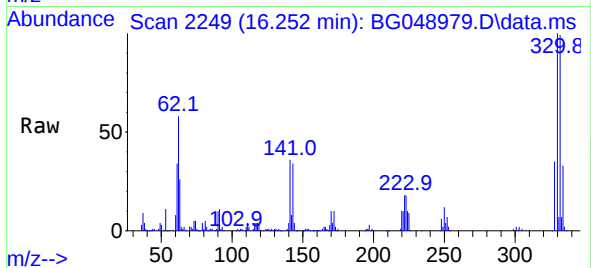
Tgt Ion:164 Resp: 99240  
Ion Ratio Lower Upper  
164 100  
162 98.0 81.4 122.0  
160 43.7 34.9 52.3



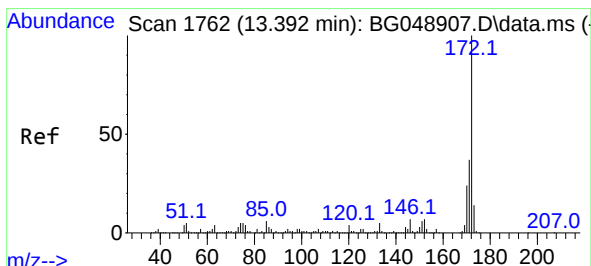
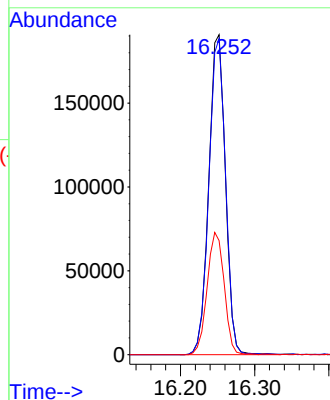
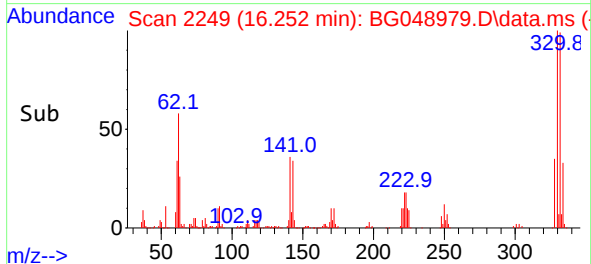


#42  
2,4,6-Tribromophenol  
Concen: 202.203 ng  
RT: 16.252 min Scan# 2249  
Delta R.T. -0.002 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

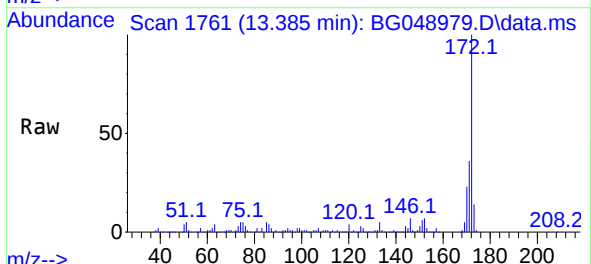
Instrument :  
ECD\_S  
ClientSampleId :



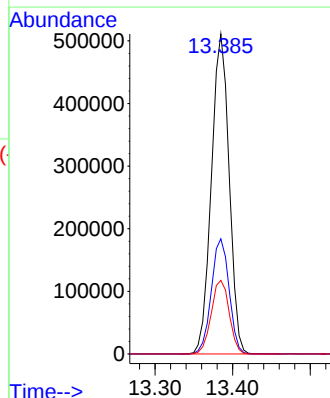
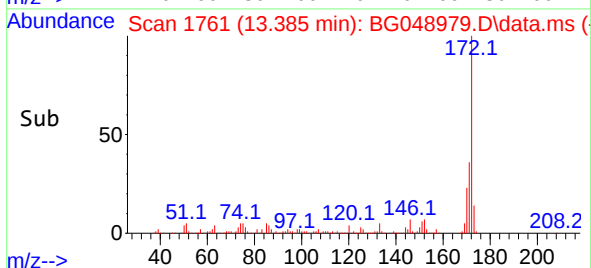
Tgt Ion:330 Resp: 297299  
Ion Ratio Lower Upper  
330 100  
332 99.0 77.3 115.9  
141 39.3 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 115.862 ng  
RT: 13.385 min Scan# 1761  
Delta R.T. -0.007 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57



Tgt Ion:172 Resp: 813932  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 23.0 18.6 27.8

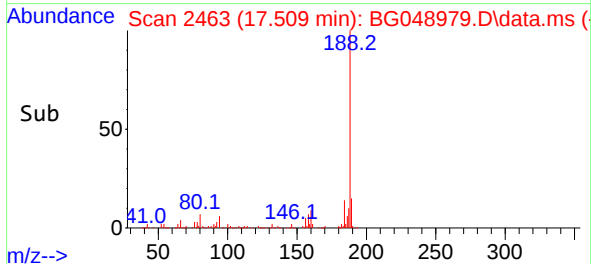
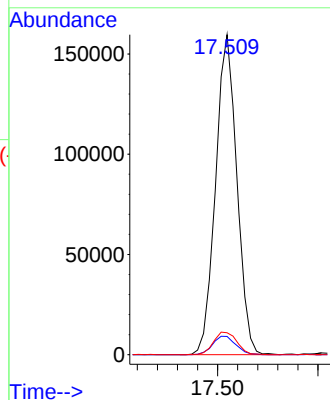
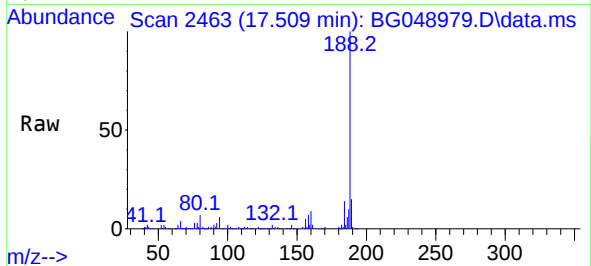




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.509 min Scan# 2463  
Delta R.T. -0.008 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

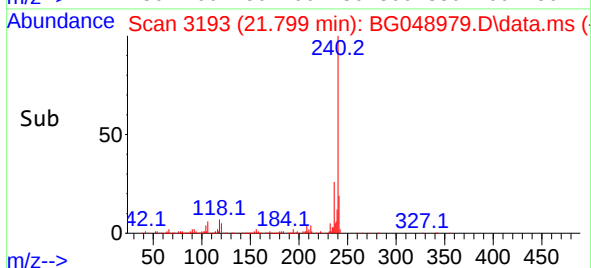
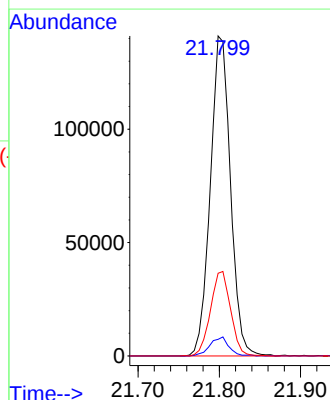
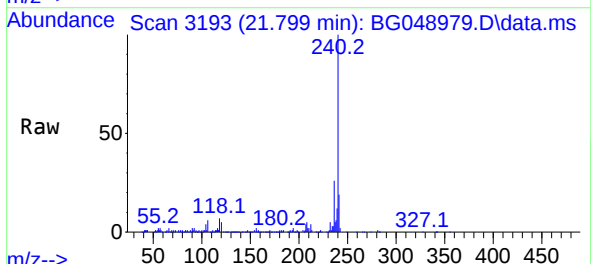
Instrument :  
ECD\_S  
ClientSampled :

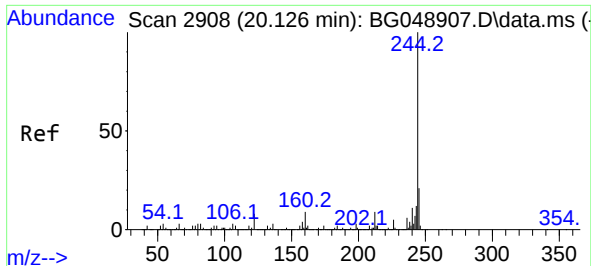
Tgt Ion:188 Resp: 234450  
Ion Ratio Lower Upper  
188 100  
94 5.7 5.4 8.0  
80 6.8 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.799 min Scan# 3193  
Delta R.T. -0.019 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

Tgt Ion:240 Resp: 243171  
Ion Ratio Lower Upper  
240 100  
120 5.2 4.2 6.2  
236 25.9 21.8 32.6

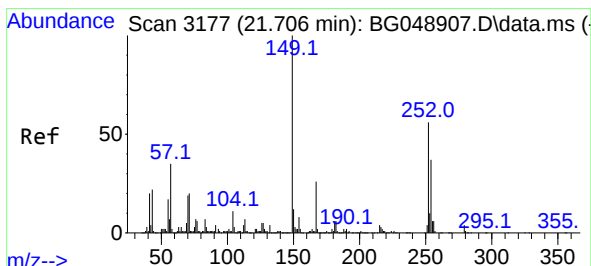
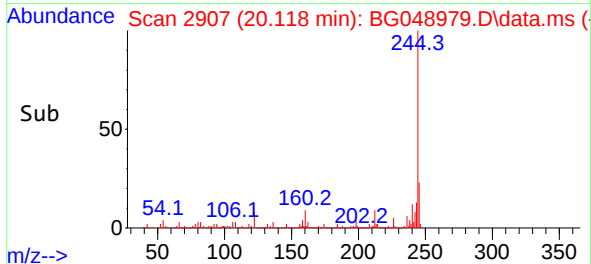
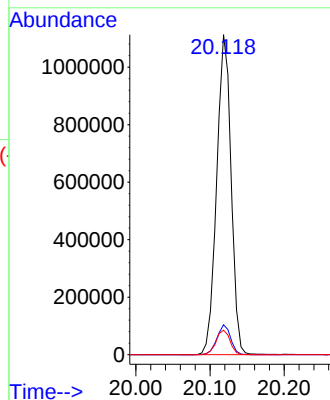
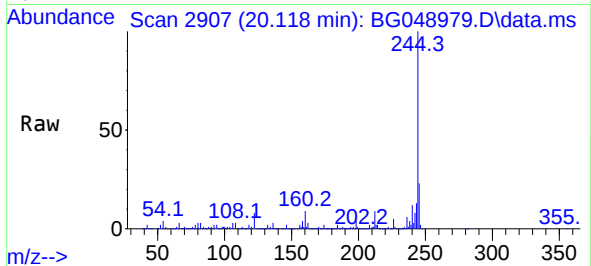




#79  
 Terphenyl-d14  
 Concen: 112.999 ng  
 RT: 20.118 min Scan# 2907  
 Delta R.T. -0.008 min  
 Lab File: BG048979.D  
 Acq: 15 Jun 2021 15:57

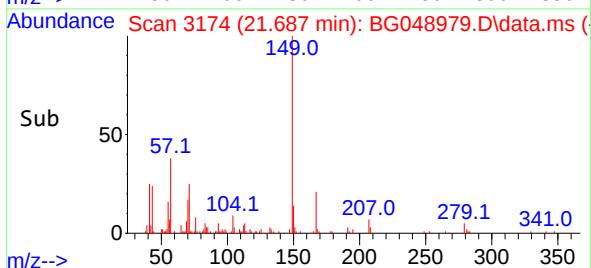
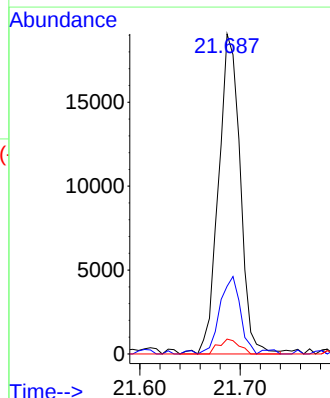
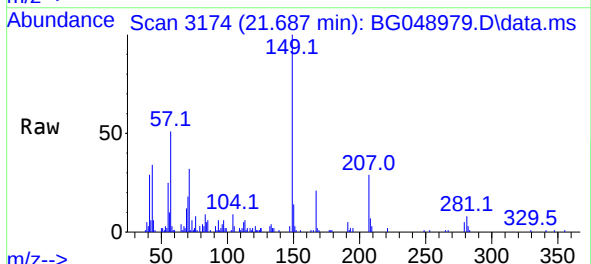
Instrument :  
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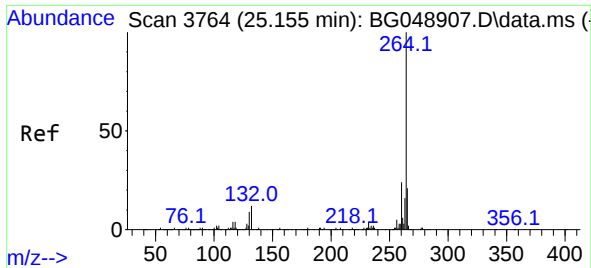
Tgt Ion:244 Resp: 1500382  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 6.9 10.3  
 122 7.6 5.0 7.6#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.004 ng  
 RT: 21.687 min Scan# 3174  
 Delta R.T. -0.019 min  
 Lab File: BG048979.D  
 Acq: 15 Jun 2021 15:57

Tgt Ion:149 Resp: 28515  
 Ion Ratio Lower Upper  
 149 100  
 167 21.2 22.3 33.5#  
 279 4.7 3.8 5.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.142 min Scan# 3762  
Delta R.T. -0.013 min  
Lab File: BG048979.D  
Acq: 15 Jun 2021 15:57

Instrument :  
ECD\_S  
ClientSampleId :

Tgt Ion:264 Resp: 258884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.4  | 29.2  |
| 265 | 22.8  | 16.9  | 25.3  |

