

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081621\  
 Data File : BG049854.D  
 Acq On : 16 Aug 2021 17:31  
 Operator : CG/JU  
 Sample : PB138414BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB138414BL

Quant Time: Aug 16 18:23:59 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 18:23:02 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.028  | 152  | 31273    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.847 | 136  | 123088   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.683 | 164  | 86617    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.433 | 188  | 198110   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.715 | 240  | 204534   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.987 | 264  | 199647   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.584  | 112  | 173621   | 99.522 | ng    | 0.00     |
| 7) Phenol-d6                | 7.193  | 99   | 227360   | 86.095 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.197  | 82   | 251897   | 90.559 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.175 | 330  | 121021   | 95.056 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.303 | 172  | 548945   | 92.217 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.047 | 244  | 1105665  | 98.180 | ng    | 0.00     |

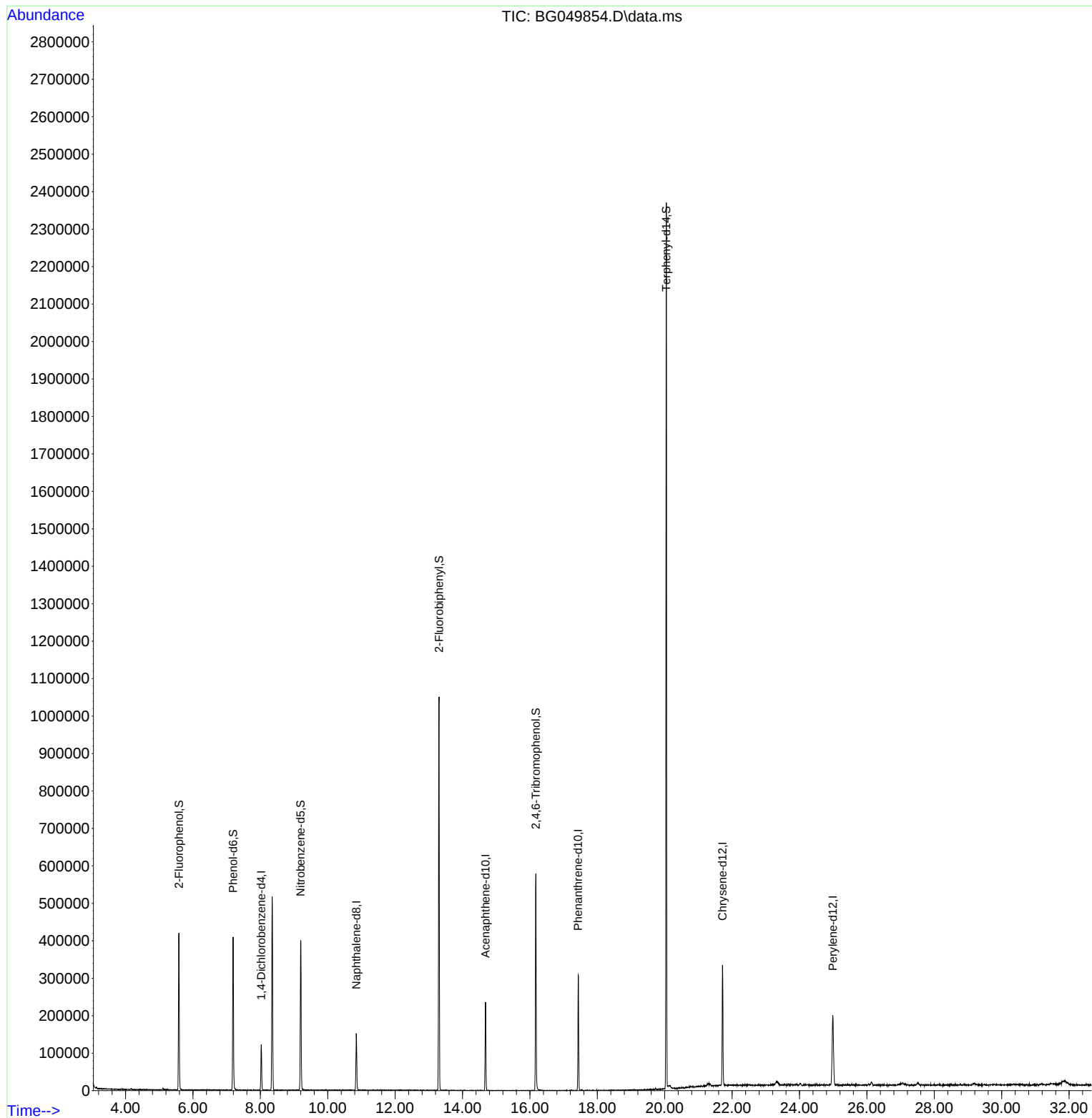
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

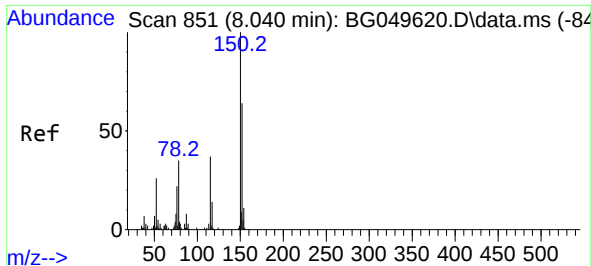
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 16 18:23:02 2021  
Response via : Initial Calibration

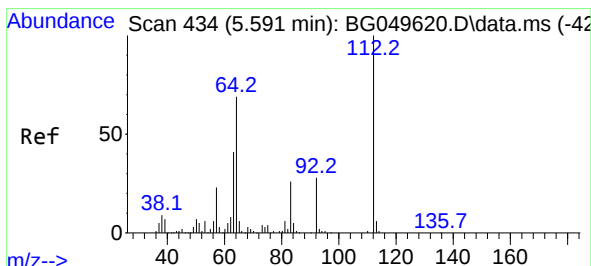
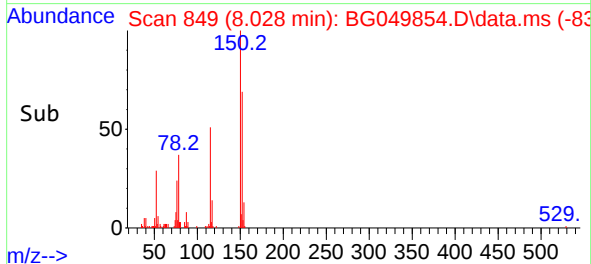
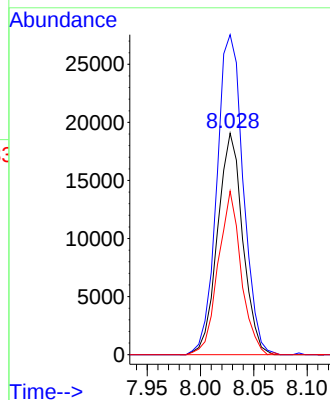
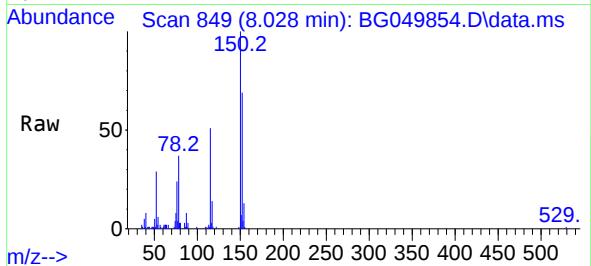




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.028 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

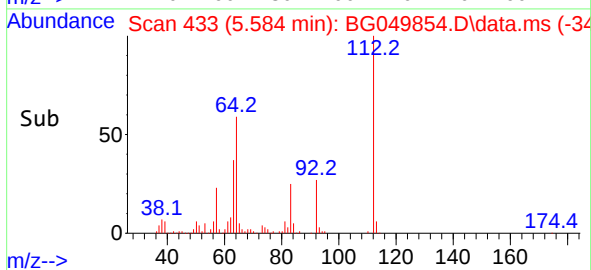
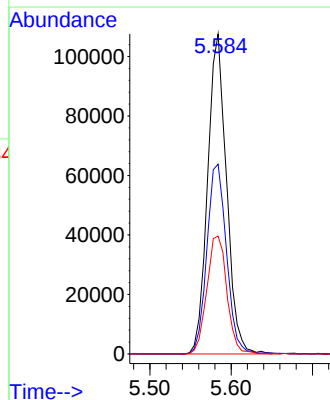
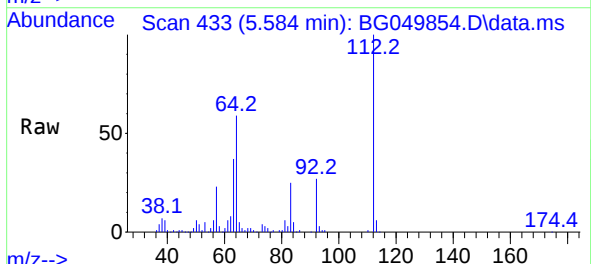
Instrument :  
BNA\_G  
ClientSampleId :  
PB138414BL

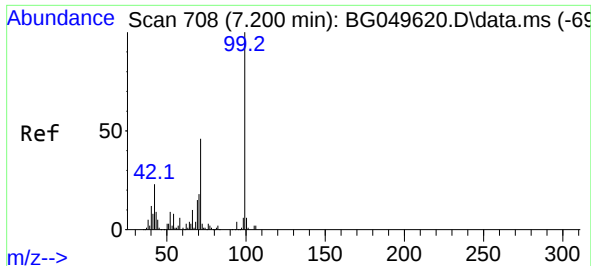
Tgt Ion:152 Resp: 31273  
Ion Ratio Lower Upper  
152 100  
150 144.5 119.4 179.0  
115 73.8 60.2 90.4



#5  
2-Fluorophenol  
Concen: 99.522 ng  
RT: 5.584 min Scan# 433  
Delta R.T. 0.006 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion:112 Resp: 173621  
Ion Ratio Lower Upper  
112 100  
64 59.3 46.7 70.1  
63 36.8 35.3 52.9

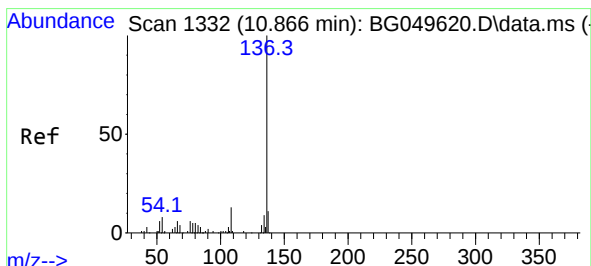
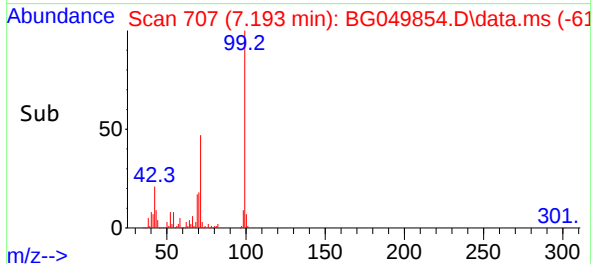
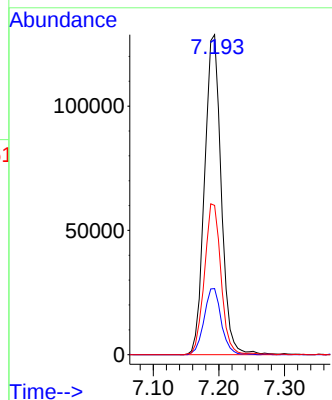
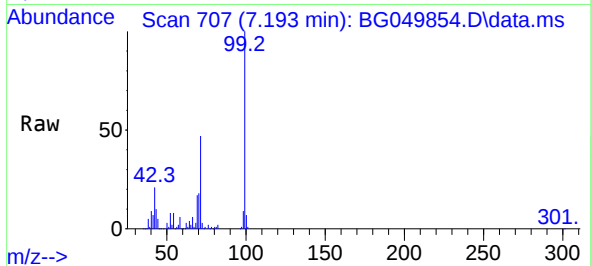




#7  
Phenol-d6  
Concen: 86.095 ng  
RT: 7.193 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

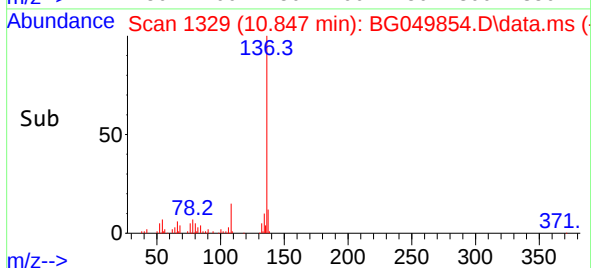
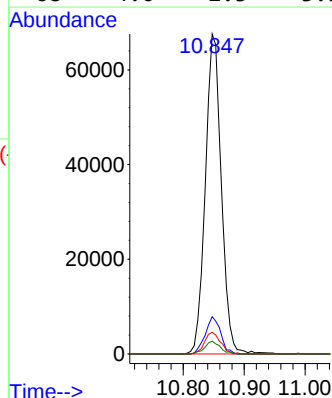
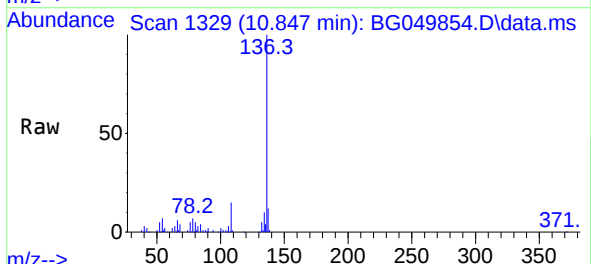
Instrument :  
BNA\_G  
ClientSampleId :  
PB138414BL

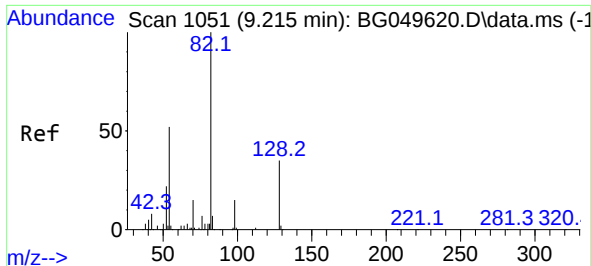
Tgt Ion: 99 Resp: 227360  
Ion Ratio Lower Upper  
99 100  
42 20.7 20.5 30.7  
71 46.7 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.847 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion: 136 Resp: 123088  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.2 12.2  
54 6.7 5.5 8.3  
68 4.0 2.3 3.5#

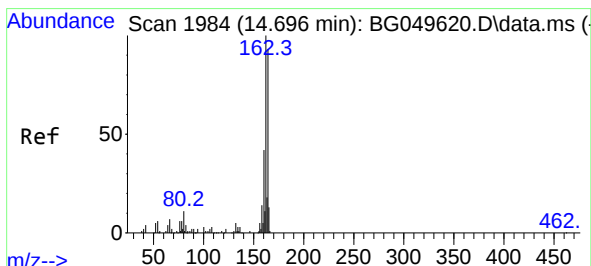
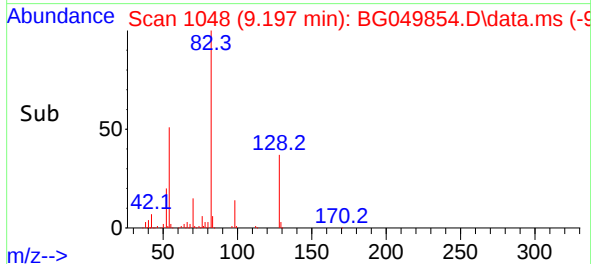
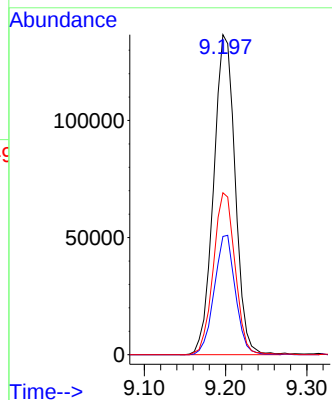
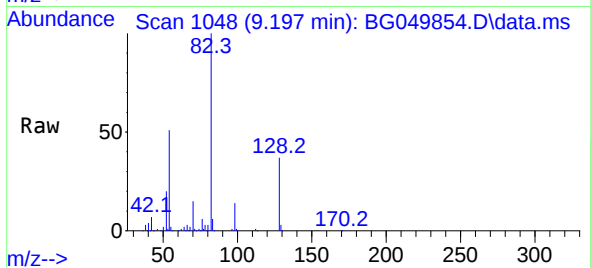




#23  
Nitrobenzene-d5  
Concen: 90.559 ng  
RT: 9.197 min Scan# 1048  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

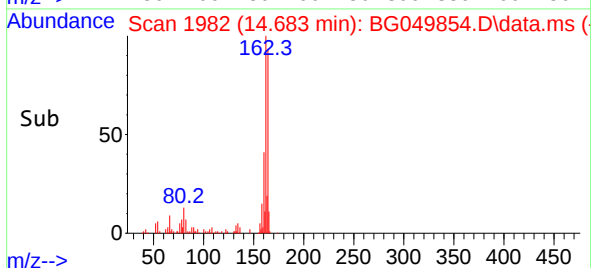
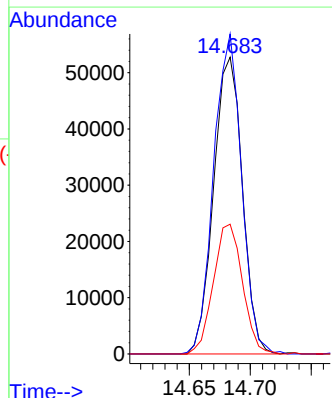
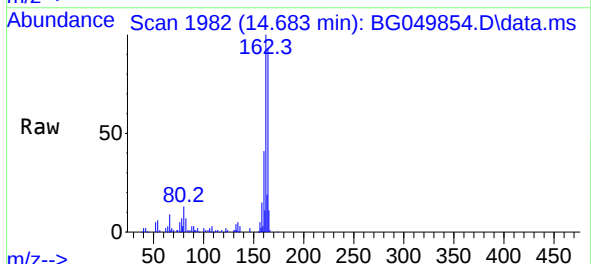
Instrument :  
BNA\_G  
ClientSampleId :  
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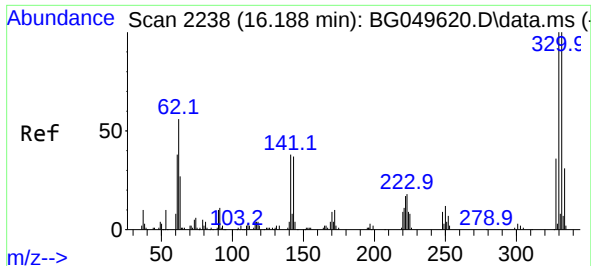
Tgt Ion: 82 Resp: 251897  
Ion Ratio Lower Upper  
82 100  
128 36.9 29.8 44.6  
54 50.6 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.683 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion: 164 Resp: 86617  
Ion Ratio Lower Upper  
164 100  
162 107.8 81.4 122.0  
160 43.7 34.9 52.3

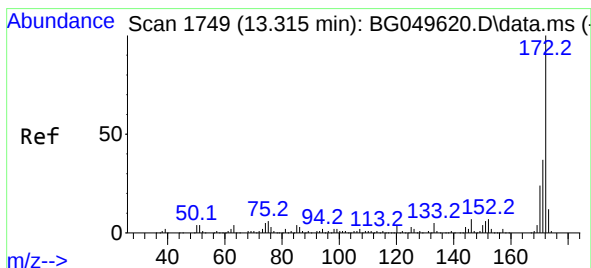
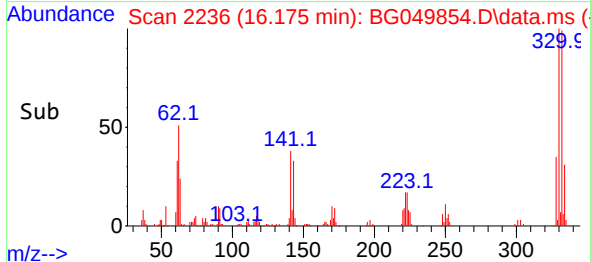
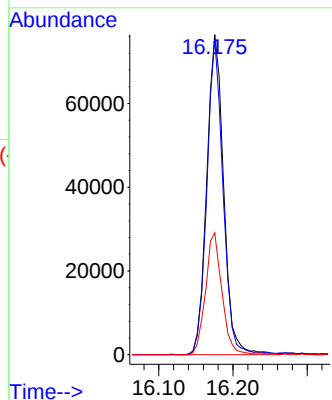
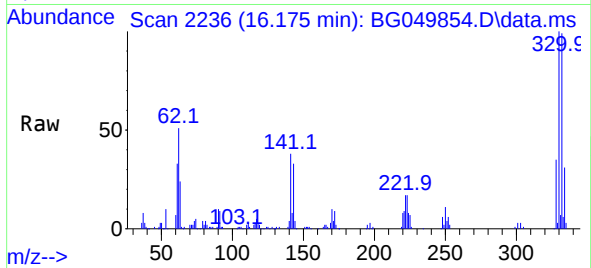




#42  
2,4,6-Tribromophenol  
Concen: 95.056 ng  
RT: 16.175 min Scan# 2236  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

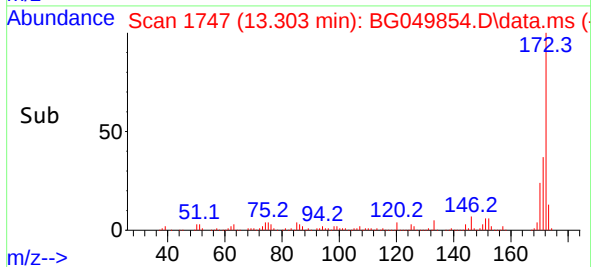
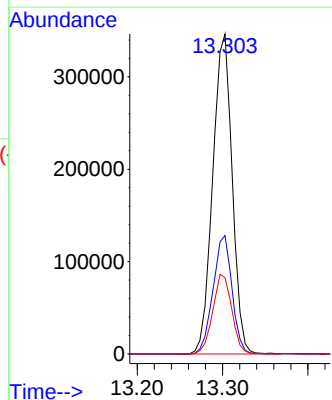
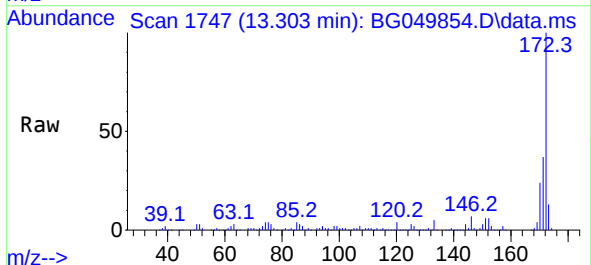
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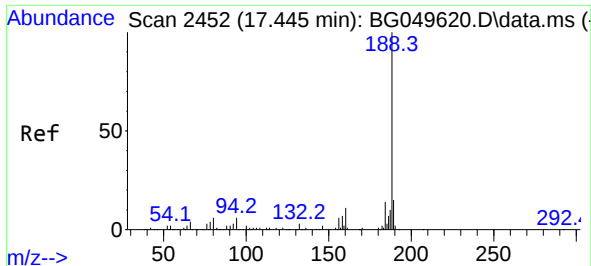
Tgt Ion:330 Resp: 121021  
Ion Ratio Lower Upper  
330 100  
332 94.1 77.3 115.9  
141 37.4 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 92.217 ng  
RT: 13.303 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion:172 Resp: 548945  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.6 43.0  
170 23.8 18.6 27.8

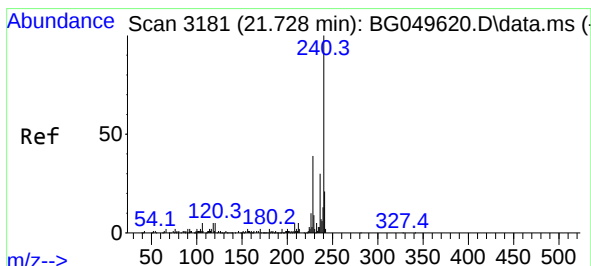
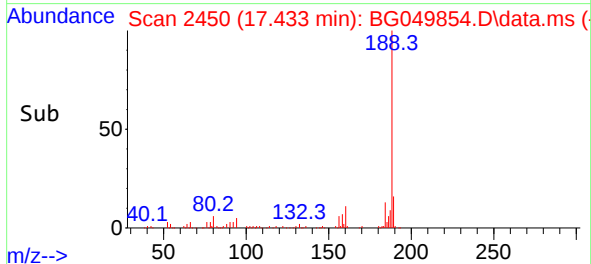
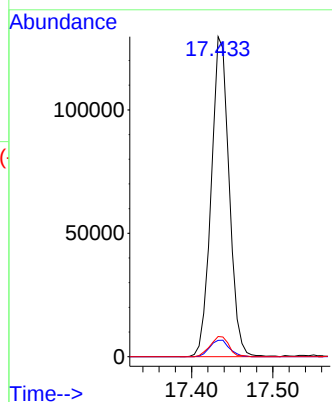
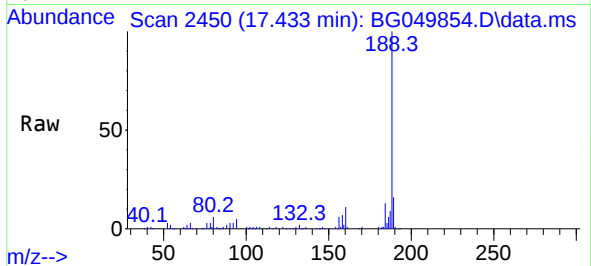




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.433 min Scan# 2450  
Delta R.T. -0.006 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

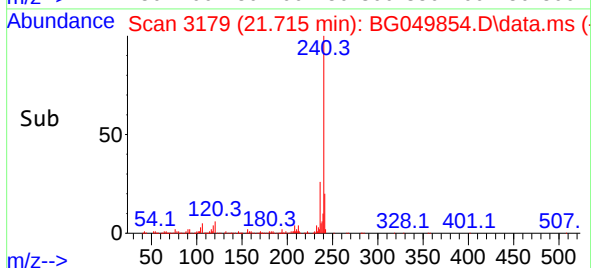
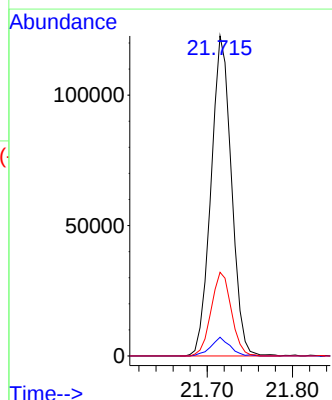
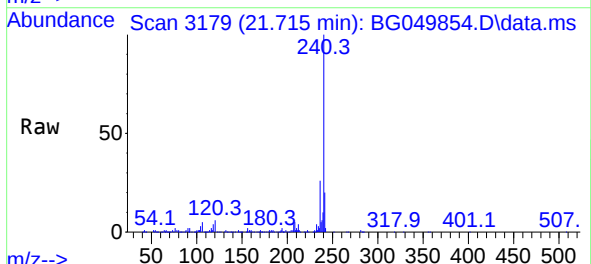
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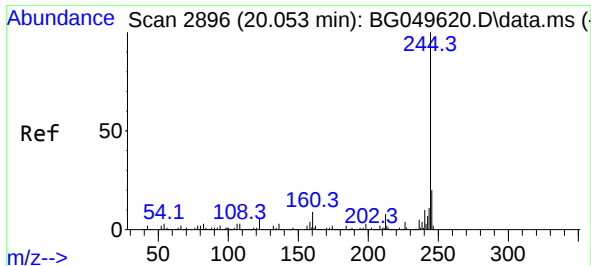
Tgt Ion:188 Resp: 198110  
Ion Ratio Lower Upper  
188 100  
94 5.1 5.4 8.0#  
80 6.3 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.715 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion:240 Resp: 204534  
Ion Ratio Lower Upper  
240 100  
120 5.9 4.2 6.2  
236 26.2 21.8 32.6

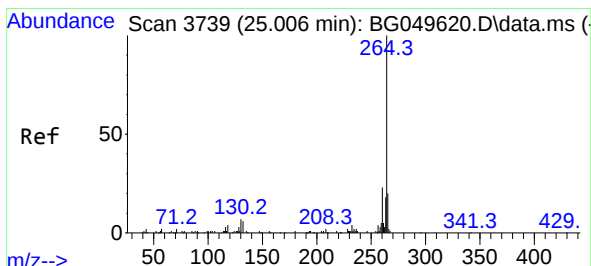
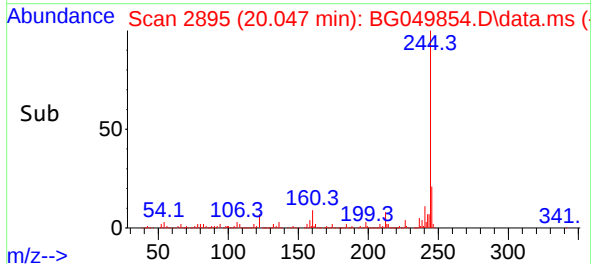
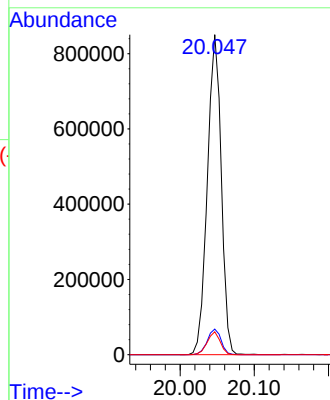
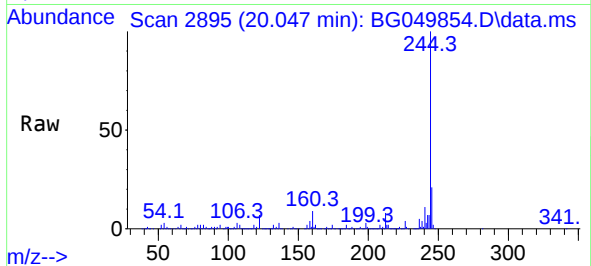




#79  
Terphenyl-d14  
Concen: 98.180 ng  
RT: 20.047 min Scan# 2895  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB138414BL

Tgt Ion:244 Resp: 1105665  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.9 10.3  
122 7.1 5.0 7.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.987 min Scan# 3736  
Delta R.T. -0.000 min  
Lab File: BG049854.D  
Acq: 16 Aug 2021 17:31

Tgt Ion:264 Resp: 199647  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.4 29.2  
265 22.3 16.9 25.3

